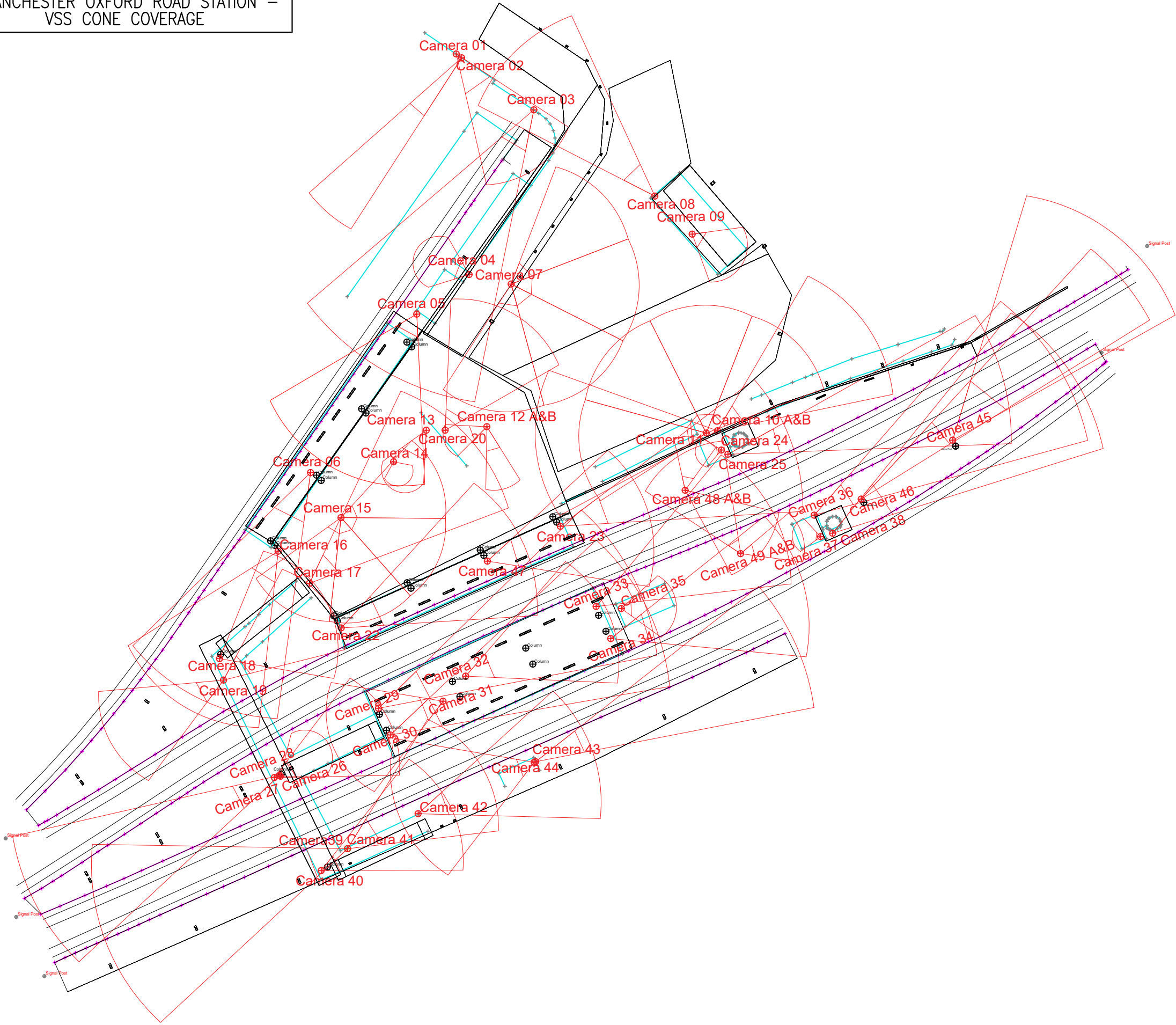


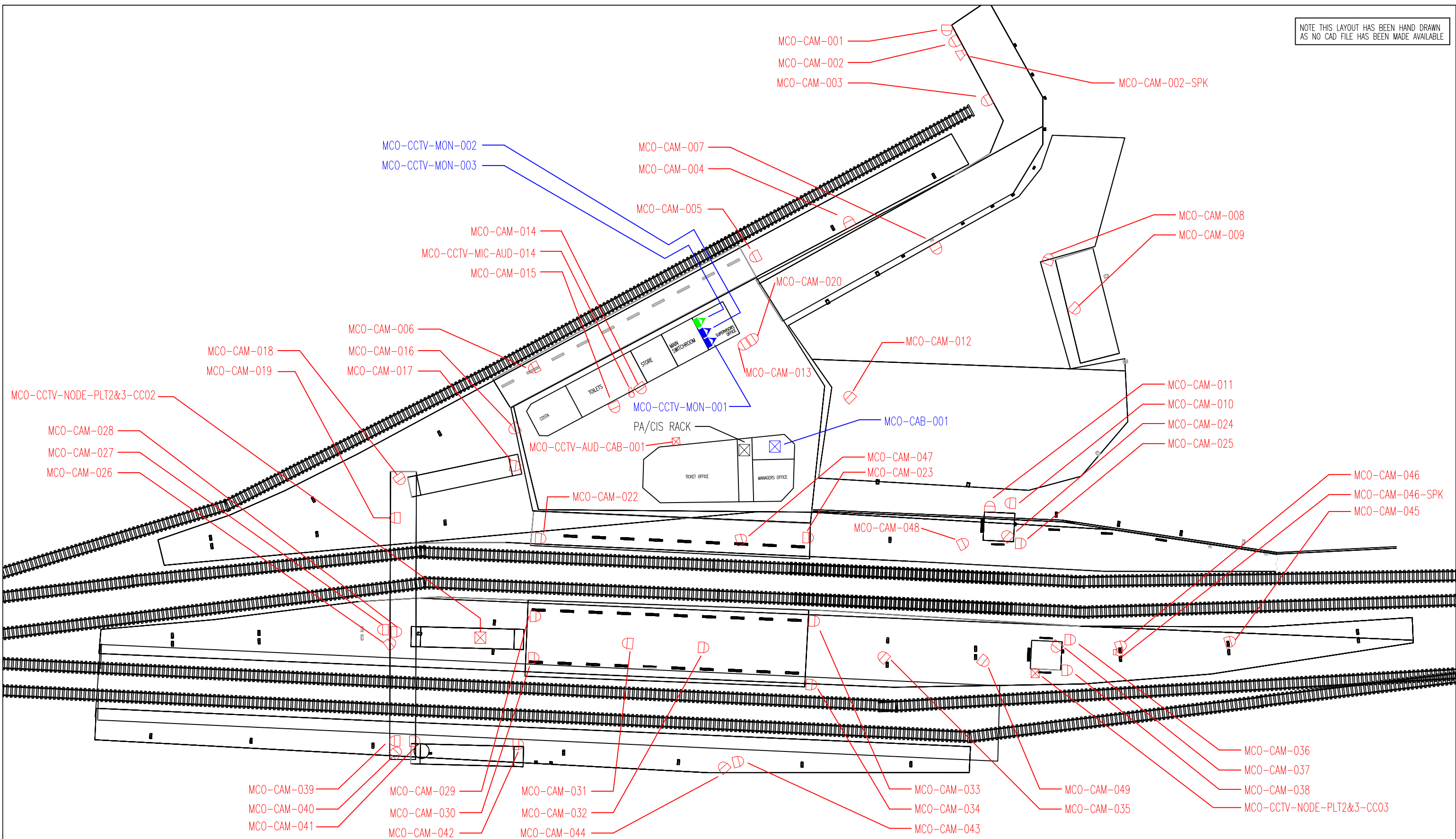
MANCHESTER OXFORD ROAD STATION –
VSS CONE COVERAGE



B01	17.05.22	FIRST ISSUE		NC	LP	BV	
Rev.	Date	Issue Status / Revisions			Drawn	Chkd.	Appr.
Talent Project Manager: ASH GHANDI				Client Project Manager: IAN HUTTON			
Client							
							
Alliance Partner/Contractor				Technology Services LTD Point 3, Haywood Road, Warwick CV34 5AH, United Kingdom Telephone: +44 (0) 1926 693000 Facsimile: +44 (0) 1926 693888			
							
Project Title							
S02002 – MANCHESTER OXFORD ROAD STATION							
Drawing Title							
VSS CONE COVERAGE							
Designed		NC		Checked		LP	
Approved		BV		Responsible Engineer		BV	
Date		17/05/2022		Drawn		NC	
Scales		AS SHOWN		REFERENCE SHEET 1.0			
Drawing Number				S02002.ENGR.DRGS.627663		Issue Number	
						B01	

All changes to this CAD generated drawing MUST be made via the master CAD file.

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Legend/Notes

- CCTV CAMERA
- EQUIPMENT RACK / ENCLOSURE/ENCLOSURE
- INSPECTION CHAMBER
- SINGLE SIDED DISPLAY / CCTV VIEWING STATION
- IP SPEAKER
- MICROPHONE

COLOUR KEY

EQUIPMENT IN BLACK - EXISTING/NO CHANGES
EQUIPMENT IN BLUE - EXISTING/MODIFIED
EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED
EQUIPMENT IN RED - NEW EQUIPMENT

Contractor(s)



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Checked	R BURROWS	Signed		Date	20/04/2022
Approved	N LOVEITT	Signed		Date	20/04/2022

Project
MANCHESTER OXFORD ROAD CCTV RENEWALS



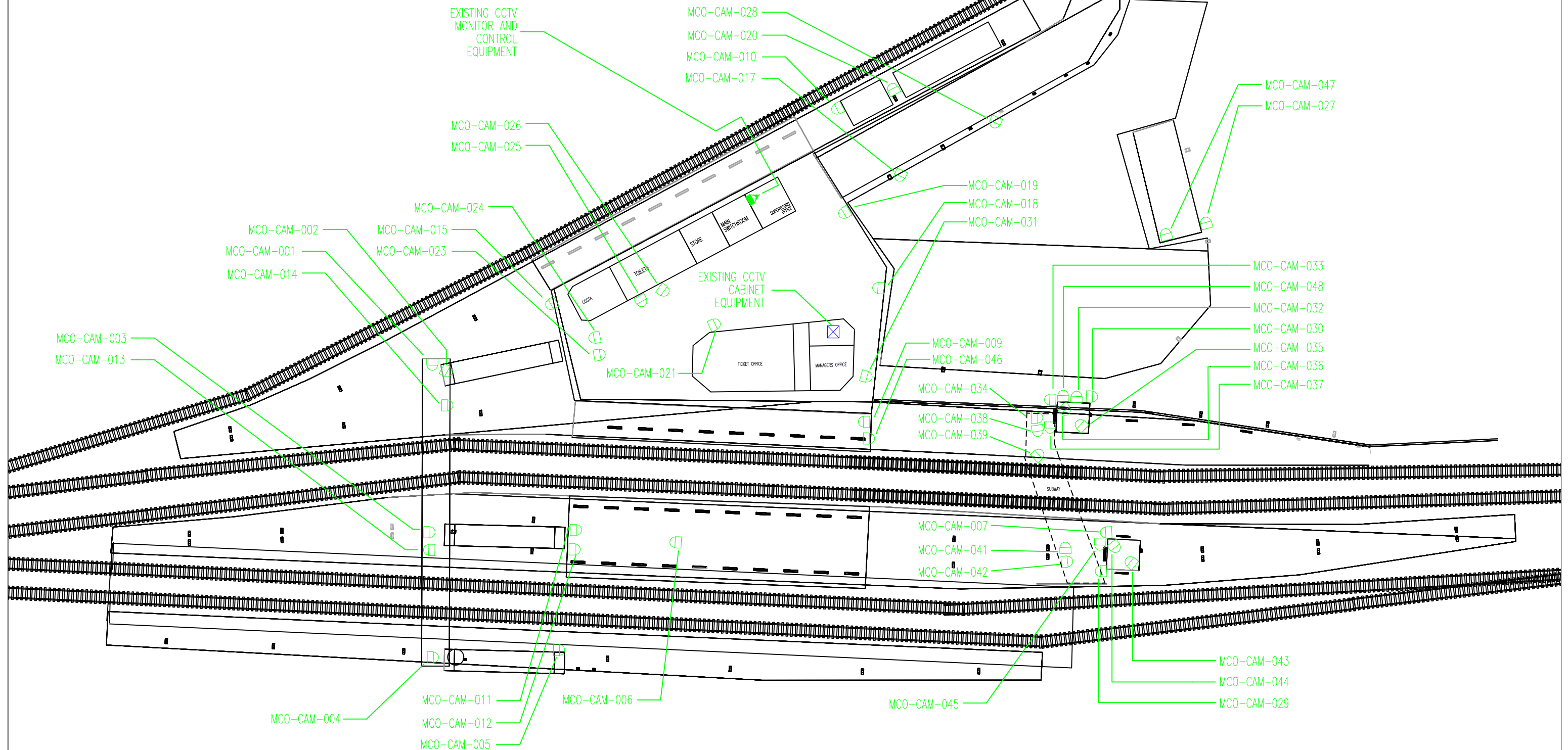
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
01	20.04.22	FIRST ISSUE	GK	RB	NL

Status	ISSUED FOR APPROVAL		Suitability Code	
Scale(s)	NTS	Route Section	ELR & Mileage	

Drawing Title	MANCHESTER OXFORD ROAD STATION CCTV STATION PLAN	
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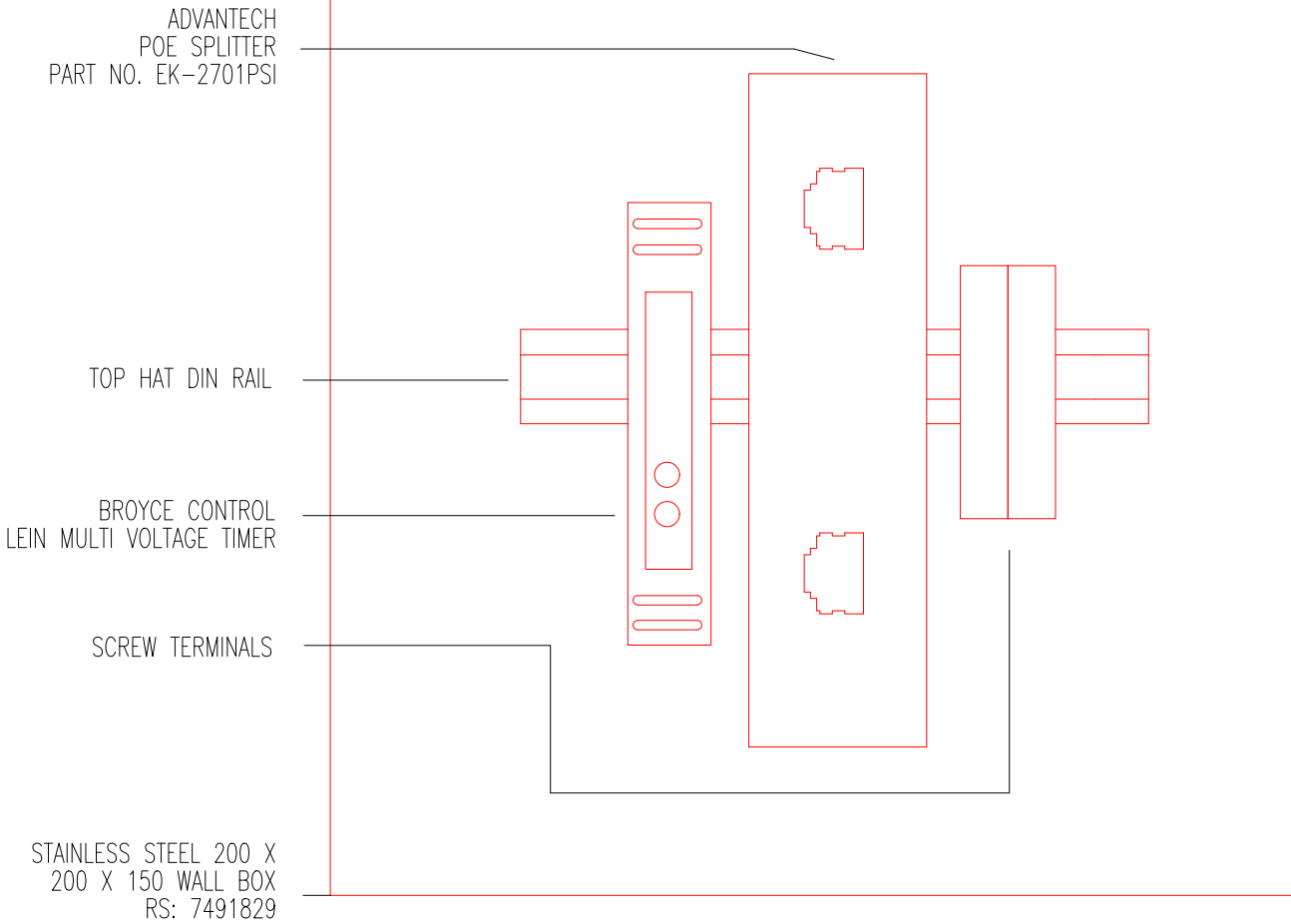
Alternative Reference	N/A	Sheet	1 of 1
Drawing Number	S02002.ENGR.DRGS.626356	Revision	01

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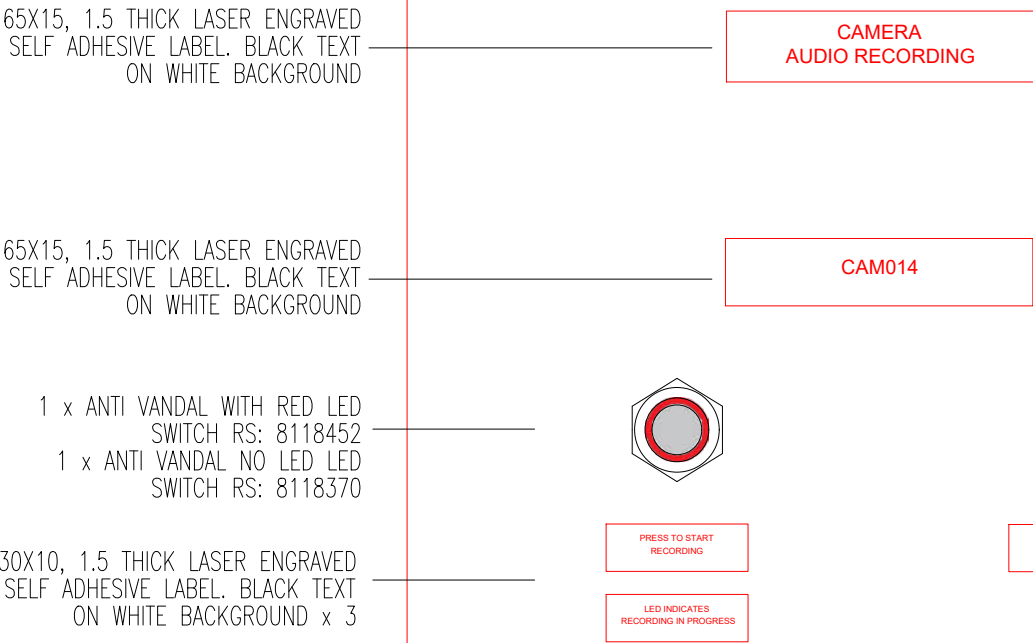


Legend/Notes CCTV CAMERA EQUIPMENT RACK / ENCLOSURE/ENCLOSURE INSPECTION CHAMBER SINGLE SIDED DISPLAY / CCTV VIEWING STATION COLOUR KEY EQUIPMENT IN BLACK – EXISTING/NO CHANGES EQUIPMENT IN BLUE – EXISTING/MODIFIED EQUIPMENT IN GREEN – EXISTING/TO BE REMOVED EQUIPMENT IN RED – NEW EQUIPMENT			Contractor(s) telent talent with technology Telent Technology Services LTD Point 3, Haywood Road Warwick CV34 5AH, United Kingdom Telephone: +44 (0) 1926 693000 Facsimile: +44 (0) 1926 693888			Designed D LEE Signed PP Date 15/03/2022 Drawn D LEE Signed PP Date 15/03/2022 Checked R BURROWS Signed Date 15/03/2022 Approved N LOVEITT Signed Date 15/03/2022 Project MANCHESTER OXFORD ROAD CCTV RENEWALS			n northern		
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01 15.03.22 FIRST ISSUE Rev Date Description of Revisions DL RB NL Drawn Chkd Appr			Scale(s) NTS Route Section ELR & Mileage			Drawing Number S02002.ENGR.DRGS.626605 Revision 01					

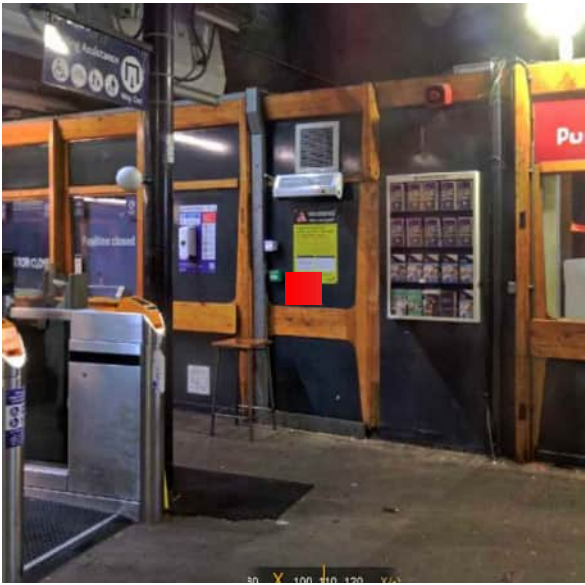
AUDIO RECORDING
CABINET LAYOUT



AUDIO RECORDING
CABINET FRONT



PROPOSED LOCATION
OF BOX



Legend/Notes

COLOUR KEY

EQUIPMENT IN BLACK - EXISTING/NO CHANGES

EQUIPMENT IN BLUE - EXISTING/MODIFIED

EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED

EQUIPMENT IN RED - NEW EQUIPMENT

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PP

Date

09/03/22

Drawn

D LEE

Signed

PP

Date

09/03/22

Checked

R BURROWS

Signed

Date

09/03/22

Approved

N LOVEITT

Signed

Date

09/03/22

Project

MANCHESTER OXFORD ROAD CCTV RENEWALS

Alternative Reference

N/A

Sheet

1 of 1

Drawing Number

S01970.ENGR.DRGS.626266

Revision

01

01

09.03.22

FIRST ISSUE

DL

RB

NL

Rev

Date

Description of Revisions

Drawn

Chkd

Appr

Status

ISSUED FOR APPROVAL

Suitability Code

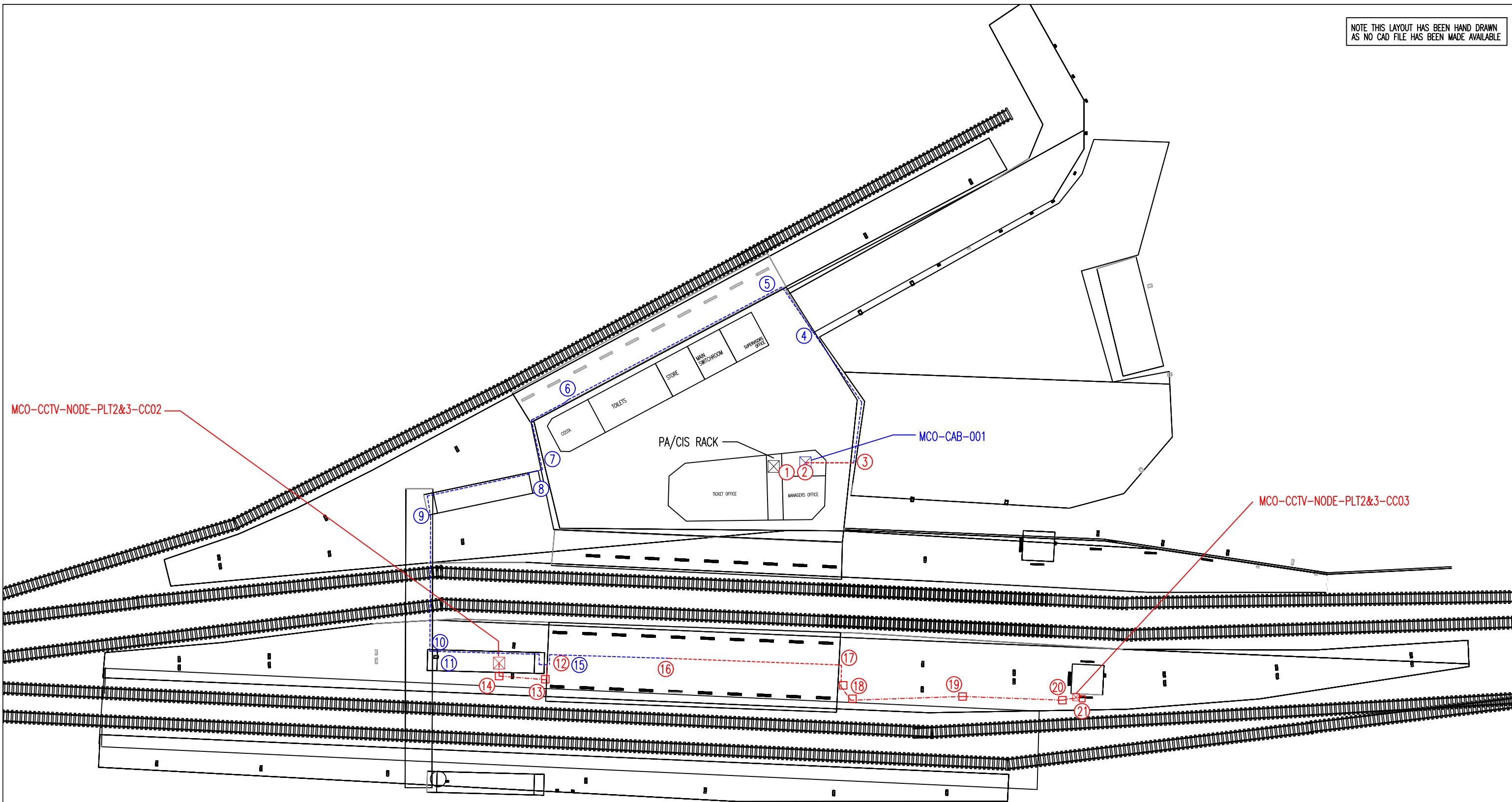
Scale(s)

NTS

Route Section

ELR & Mileage

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Legend/Notes

- CCTV CAMERA
- EQUIPMENT RACK / ENCLOSURE/ENCLOSURE
- INSPECTION CHAMBER
- SINGLE SIDED DISPLAY / CCTV VIEWING STATION
- IP SPEAKER
- MICROPHONE
- REFER TO MATCHING PHOTO NUMBER FOR CMS DETAILS
- SUB-DUCT ROUTE
- CMS ROUTE
- COLOUR KEY**
 - EQUIPMENT IN BLACK - EXISTING/NO CHANGES
 - EQUIPMENT IN BLUE - EXISTING/MODIFIED
 - EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED
 - EQUIPMENT IN RED - NEW EQUIPMENT

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
01	11.05.22	FIRST ISSUE	CK	RB	NL

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Checked	R BURROWS	Signed		Date	11/05/2022
Approved	N LOVEITT	Signed		Date	11/05/2022

Project
MANCHESTER OXFORD ROAD CCTV RENEWALS

Drawing Title	MANCHESTER OXFORD ROAD STATION CCTV FIBRE CMS DESIGN
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Alternative Reference	N/A	Sheet	1 of 5
Drawing Number	S02002.ENGR.DRGS.627660	Revision	01



PHOTO 1
NEW FLEXIBLE KOPEX TO BE USED TO TRANSITION BETWEEN EXISTING CABINET TOP AND EXISTING PLASTIC TRUNKING.



PHOTO 5
USE EXISTING CMS.



PHOTO 2
NEW 100X50MM TRUNKING TO BE INSTALLED ON ROOF USING UNISTRUT FEET.



PHOTO 3
NEW 100X50MM TRUNKING TO BE INSTALLED TO MEET EXISTING.



PHOTO 4
USE EXISTING CMS.



PHOTO 6
USE EXISTING CMS.



PHOTO 7
USE EXISTING CMS.

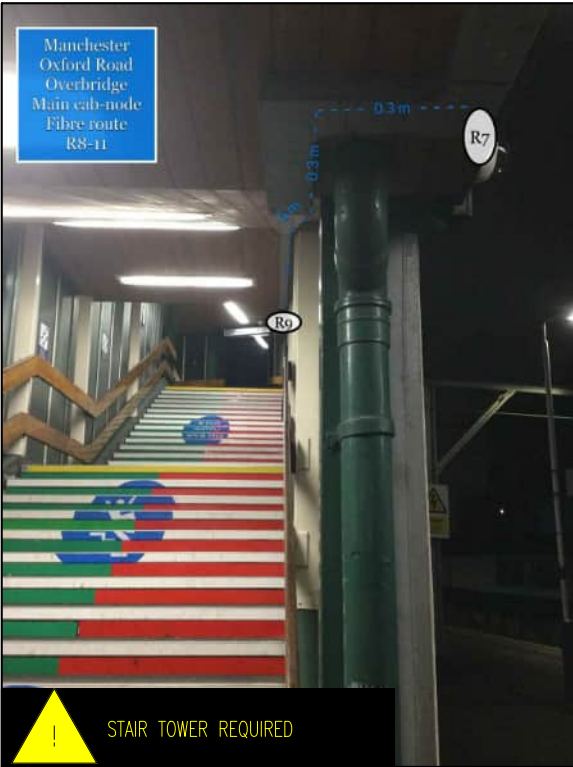


PHOTO 8
USE EXISTING CMS.

Legend/Notes

COLOUR KEY
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EQUIPMENT IN BLUE - EXISTING/MODIFIED
EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED
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01		FIRST ISSUE	CK	RB	NL

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Project
MANCHESTER OXFORD ROAD CCTV RENEWALS

Drawing Title	MANCHESTER OXFORD ROAD STATION CCTV FIBRE CMS DESIGN	
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Alternative Reference	N/A	Sheet	2 of 5
Drawing Number	S02002.ENGR.DRGS.627660	Revision	01

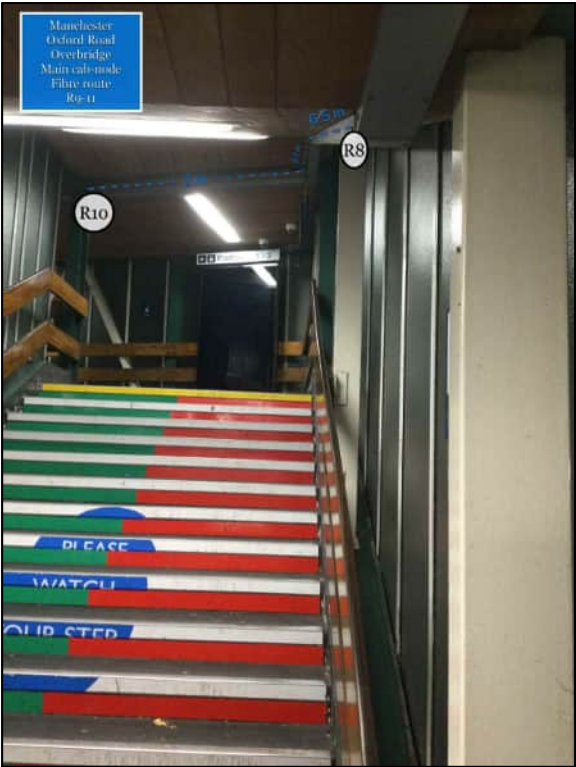


PHOTO 9
USE EXISTING CMS.

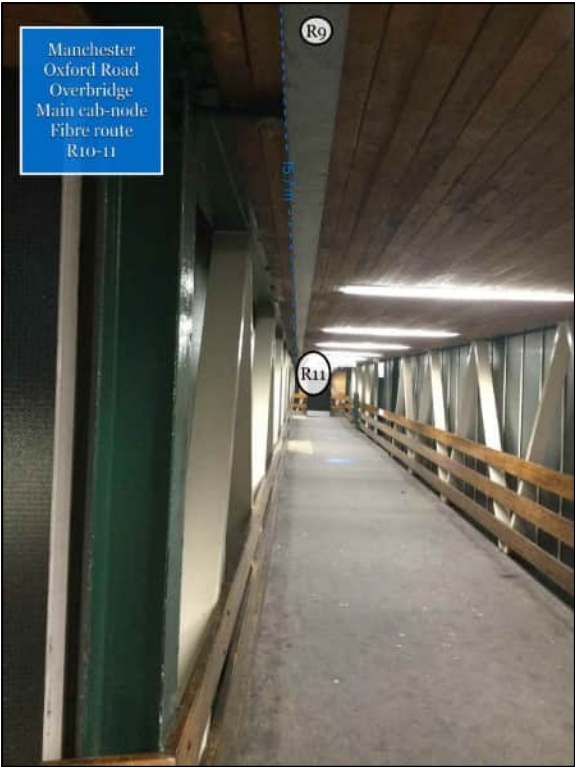


PHOTO 10
USE EXISTING CMS.

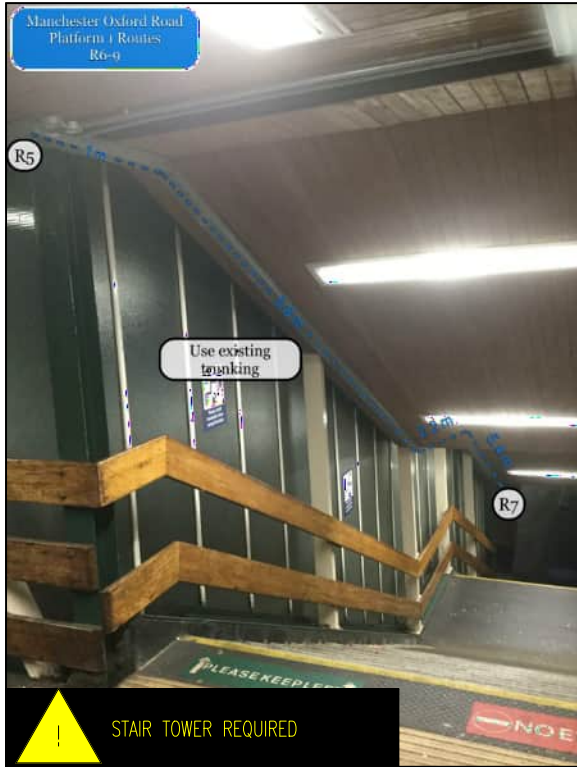


PHOTO 11
USE EXISTING CMS.



PHOTO 12
INSTALL 150X100MM TRUNKING UP COLUMN AND ACROSS TO LINK WITH EXISTING TRUNKING.

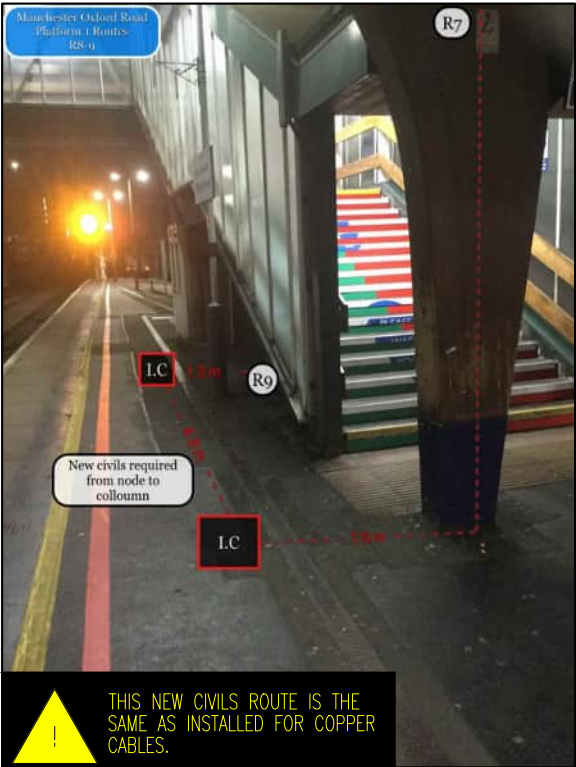


PHOTO 13
INSTALL NEW SUB-DUCT AND INSPECTION CHAMBERS IN PLATFORM TO CONCRETE COLUMN. INSTALL NEW 150X100MM TRUNKING UP THE CONCRETE COLUMN.

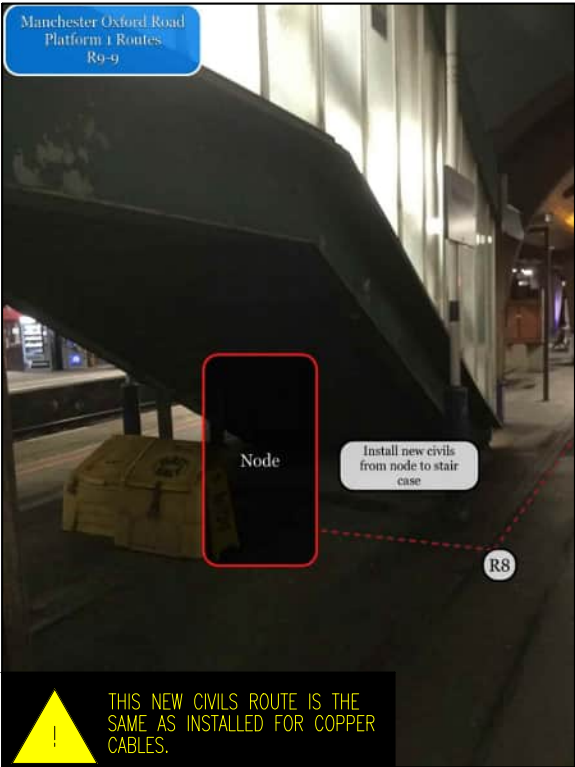


PHOTO 14
INSTALL NEW SUB-DUCT FROM BASE OF NEW CCTV CABINET.



PHOTO 15
USE EXISTING CMS.

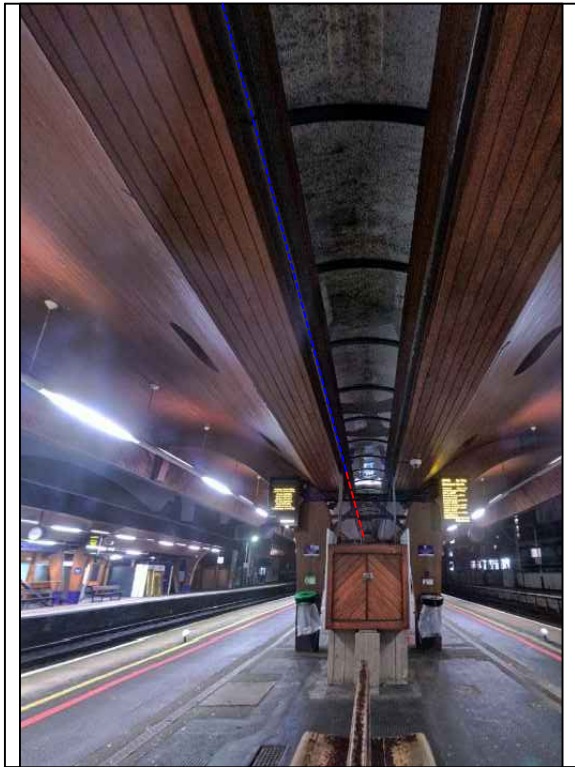


PHOTO 16
NEW 100X50MM TRUNKING TO BE INSTALLED TO CANOPY CEILING FROM THE EXISTING TRUNKING TO THE END OF THE CANOPY.

Legend/Notes

COLOUR KEY
EQUIPMENT IN BLACK - EXISTING/NO CHANGES
EQUIPMENT IN BLUE - EXISTING/MODIFIED
EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED
EQUIPMENT IN RED - NEW EQUIPMENT

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Project	MANCHESTER OXFORD ROAD CCTV RENEWALS				

Drawing Title	MANCHESTER OXFORD ROAD STATION CCTV FIBRE CMS DESIGN
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Alternative Reference	N/A	Sheet	3 of 5
Drawing Number	S02002.ENGR.DRGS.627660	Revision	01

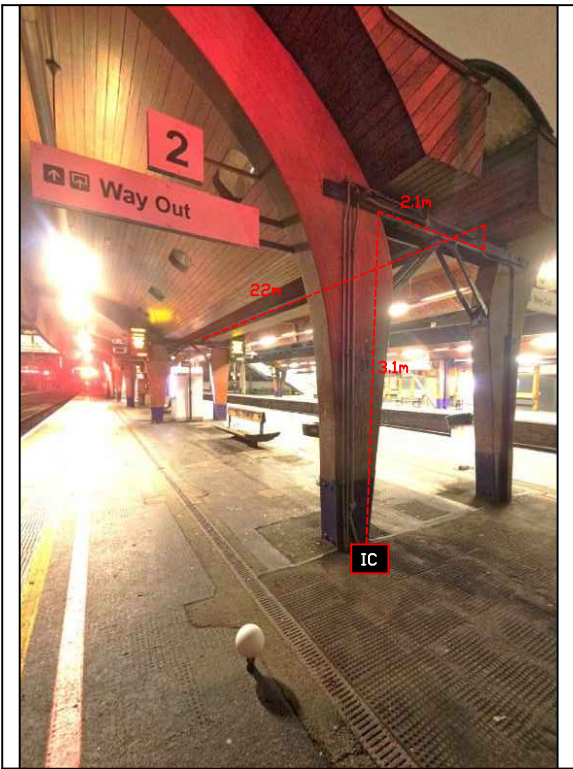


PHOTO 17
NEW 100X50MM TRUNKING TO BE INSTALLED TO CANOPY CEILING AND THEN CROSS TO PLATFORM 2 BEFORE CONTINUING DOWN IN TO PLATFORM AND NEW INSPECTION CHAMBER.



PHOTO 21
NEW SUB-DUCT AND INSPECTION CHAMBER TO BE INSTALLED. NEW 100X100MM TRUNKING TO BE INSTALLED FROM SUB-DUCT TOWARDS THE BASE OF CC3, TRANSITION TO 150X150MM TRUNKING UNDER CC3.

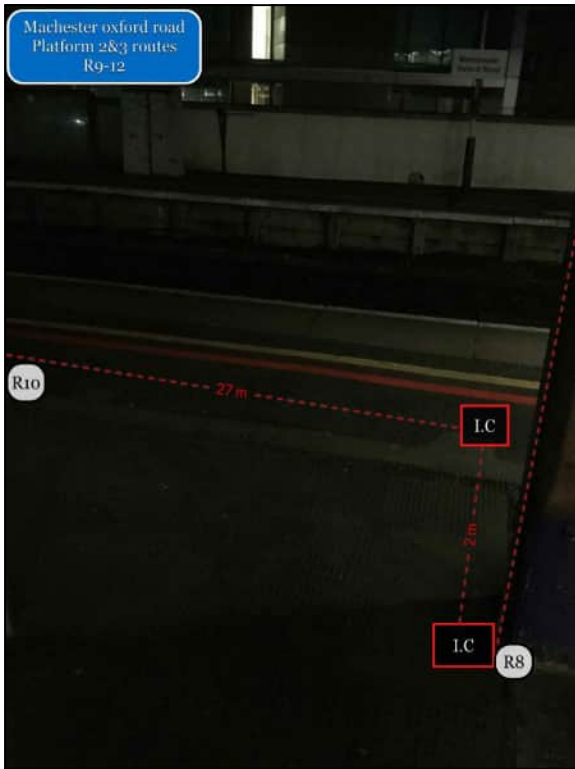


PHOTO 18
NEW SUB-DUCT AND INSPECTION CHAMBERS TO BE INSTALLED.

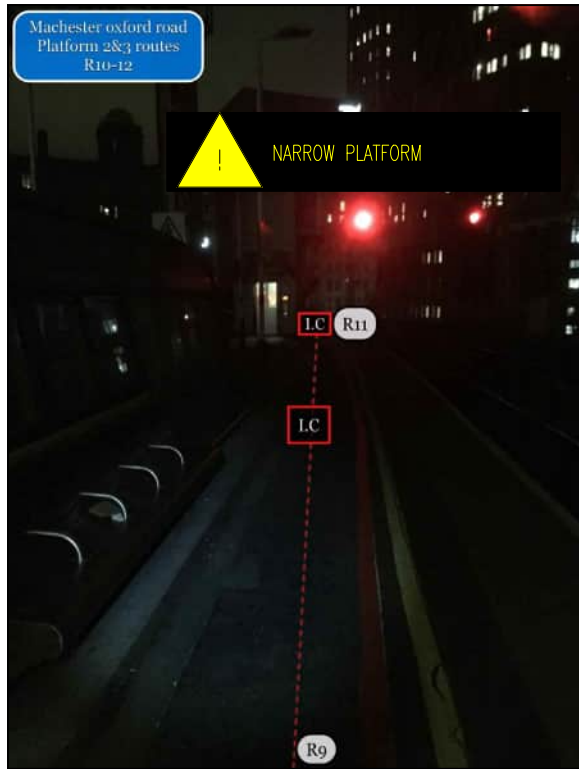


PHOTO 19
NEW SUB-DUCT AND INSPECTION CHAMBERS TO BE INSTALLED.



PHOTO 20
NEW SUB-DUCT AND INSPECTION CHAMBERS TO BE INSTALLED.

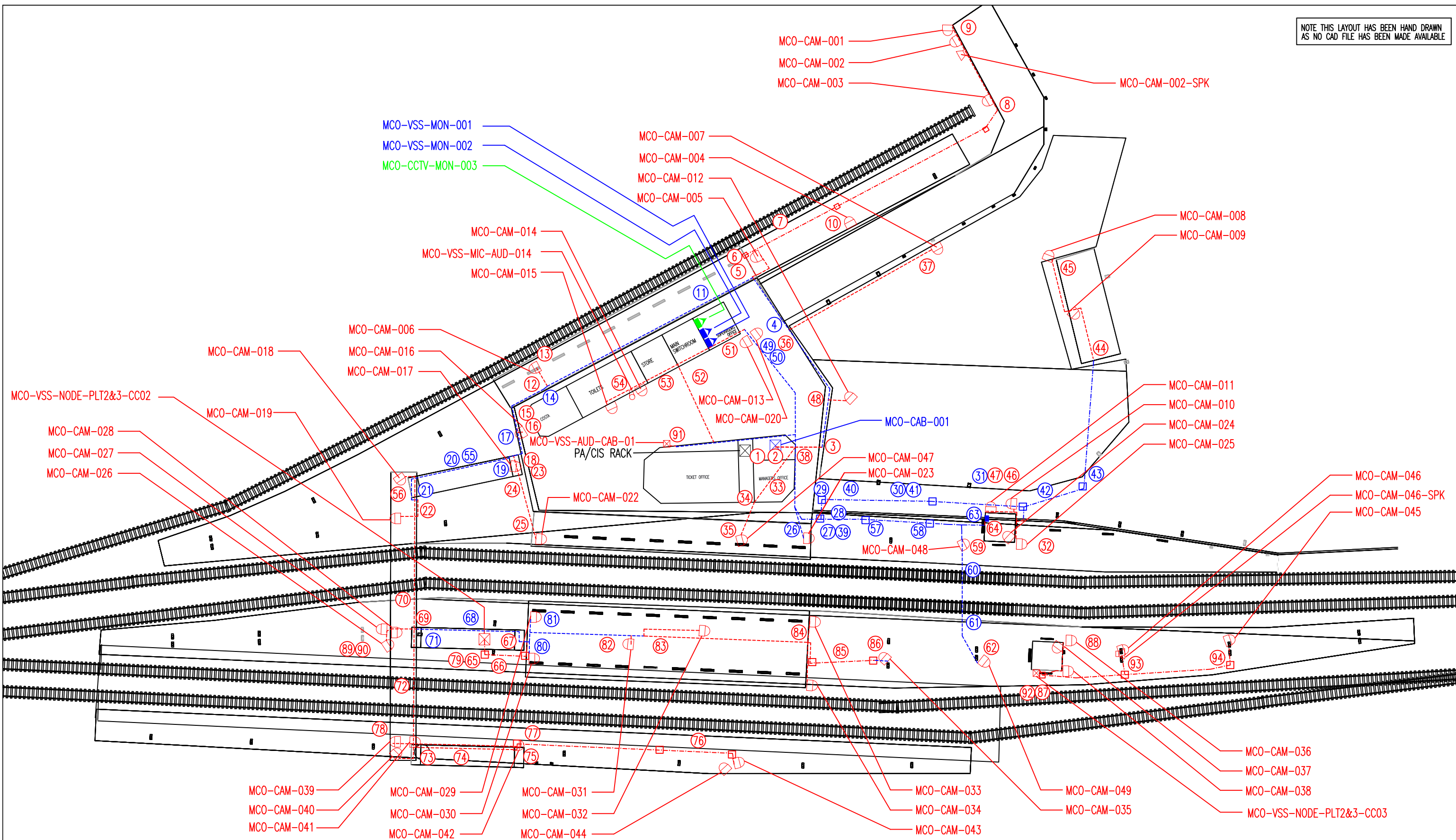
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EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED					
EQUIPMENT IN RED - NEW EQUIPMENT					
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NTS		

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Approved	N LOVEITT	Signed		Date	11/05/2022
Project					
MANCHESTER OXFORD ROAD CCTV RENEWALS					
Drawing Title					
MANCHESTER OXFORD ROAD STATION CCTV FIBRE CMS DESIGN					

		
Alternative Reference		
N/A		
Drawing Number		
S02002.ENGR.DRGS.627660		
Sheet		4 of 5
Revision		01

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Legend/Notes

- CCTV CAMERA
- EQUIPMENT RACK / ENCLOSURE/ENCLOSURE
- INSPECTION CHAMBER
- SINGLE SIDED DISPLAY / CCTV VIEWING STATION
- IP SPEAKER
- MICROPHONE

1. REFER TO MATCHING PHOTO NUMBER FOR CMS DETAILS

1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC.

COLOUR KEY

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- EQUIPMENT IN BLUE - EXISTING/MODIFIED
- EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED
- EQUIPMENT IN RED - NEW EQUIPMENT

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Project

MANCHESTER OXFORD ROAD CCTV RENEWALS

northern

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
01	20.04.22	FIRST ISSUE	GK	RB	NL

Status	ISSUED FOR APPROVAL			Suitability Code	
Scale(s)	NTS	Route Section	ELR & Mileage		

Drawing Title

MANCHESTER OXFORD ROAD STATION
CCTV COPPER CMS DESIGN

Alternative Reference	N/A	Sheet	1 of 15
Drawing Number	S02002.ENGR.DRGS.627659	Revision	01



PHOTO 1
NEW FLEXIBLE KOEPEX TO BE USED TO TRANSITION BETWEEN EXISTING CABINET TOP AND EXISTING PLASTIC TRUNKING.



PHOTO 2
NEW 100X50MM TRUNKING TO BE INSTALLED ON ROOF USING UNISTRUT FEET.

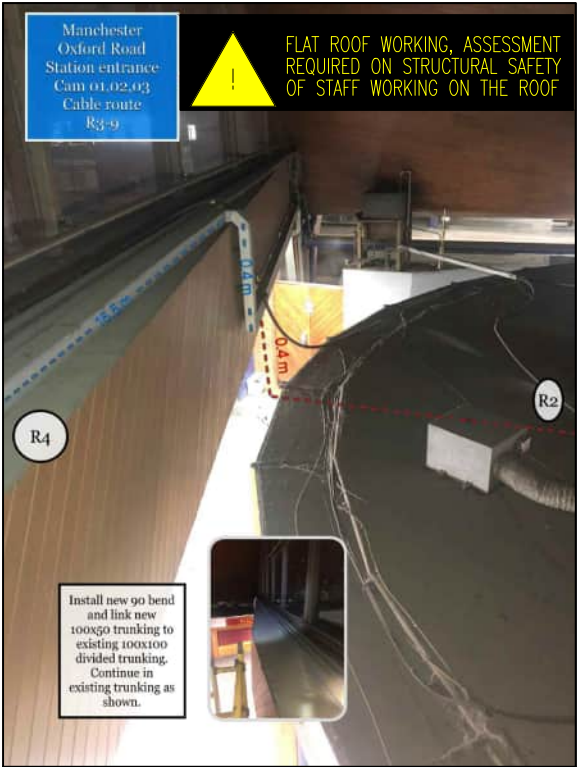


PHOTO 3
NEW 100X50MM TRUNKING TO BE INSTALLED TO MEET EXISTING.



PHOTO 4
USE EXISTING CMS.



PHOTO 5
NEW 50X50MM TRUNKING TO BE INSTALLED FIXED TO WALL FROM EXISTING 100X100MM TRUNKING.

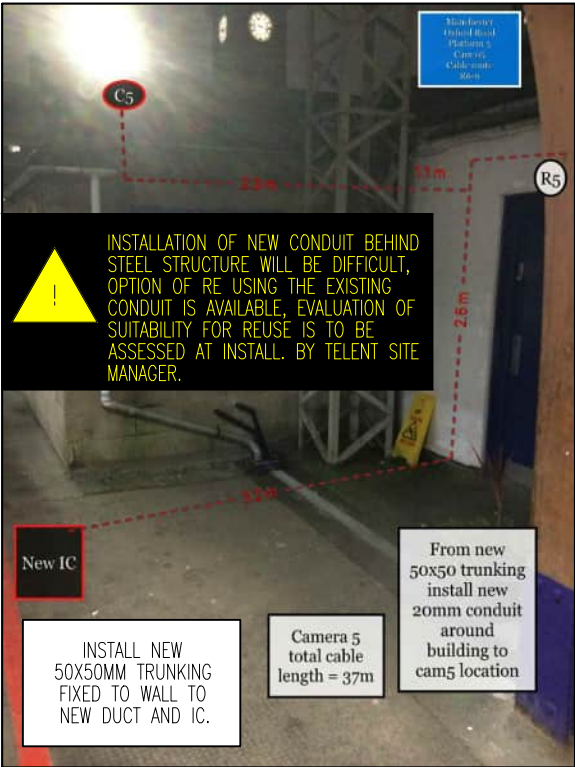


PHOTO 6
NEW 50X50MM TRUNKING TO BE INSTALLED ON WALL DOWN TO NEW SUB-DUCT AND INSPECTION CHAMBER. NEW 20MM CONDUIT TO BE INSTALLED FROM NEW 50X50MM TRUNKING TO CAMERA 5.



PHOTO 7
NEW SUB-DUCT AND INSPECTION CHAMBERS TO BE INSTALL DOWN PLATFORM 5.

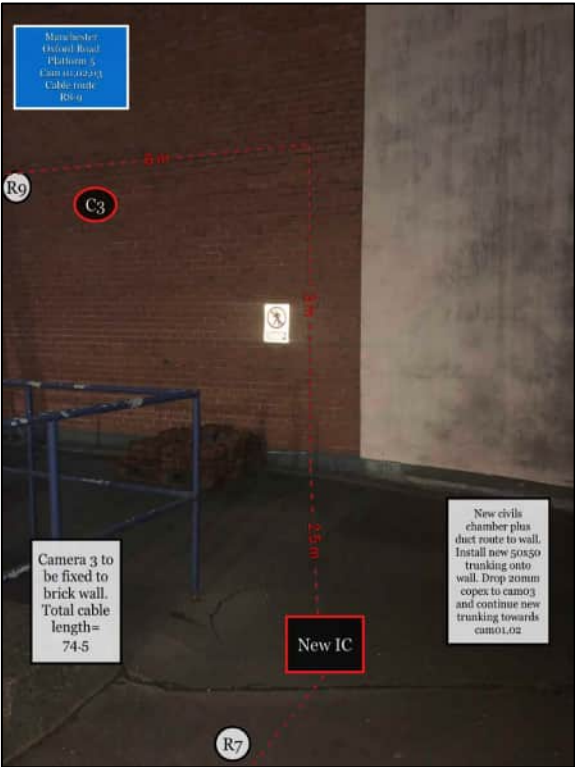


PHOTO 8
INSTALL NEW INSPECTION CHAMBER AND SUB-DUCT TO WALL. INSTALL NEW 50X50MM TRUNKING UP AND ALONG THE WALL WITH NEW 20MM FLEXIBLE CONDUIT TO CAMERA 3.

Legend/Notes
1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC.

COLOUR KEY
EQUIPMENT IN BLACK - EXISTING/NO CHANGES
EQUIPMENT IN BLUE - EXISTING/MODIFIED
EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED
EQUIPMENT IN RED - NEW EQUIPMENT

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
01	20.04.22	FIRST ISSUE	GK	RB	NL

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Scale(s)	NTS	Route Section
		ELR & Mileage

Designed	G KILDING	Signed		Date	20/04/2022
Drawn	G KILDING	Signed		Date	20/04/2022
Checked	R BURROWS	Signed		Date	20/04/2022
Approved	N LOVEITT	Signed		Date	20/04/2022
Project	MANCHESTER OXFORD ROAD CCTV RENEWALS				
Drawing Title	MANCHESTER OXFORD ROAD STATION CCTV COPPER CMS DESIGN				



Alternative Reference	N/A	Sheet	2 of 15
Drawing Number	S02002.ENGR.DRGS.627659	Revision	01

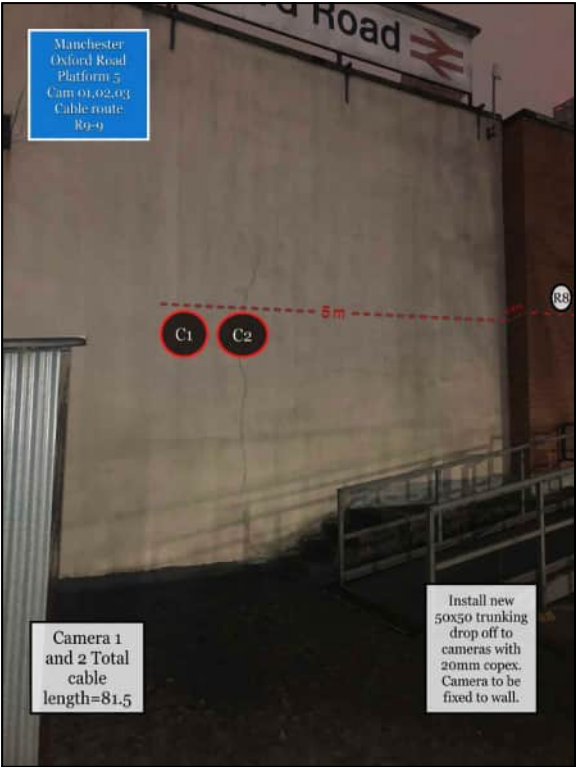


PHOTO 9
NEW 50X50MM TRUNKING TO BE INSTALLED ALONG THE WALL TO ABOVE CAMERAS 1 & 2. NEW 20MM FLEXIBLE CONDUIT TO BE INSTALLED TO CAMERAS.



PHOTO 13
NEW 20MM CONDUIT TO BE INSTALLED TO CAMERA 6.



PHOTO 10
NEW 20MM CONDUIT DOWN THE WALL, INSTALL NEW SUB-DUCT TO NEW INSPECTION CHAMBER.



PHOTO 14
USE EXISTING CMS



PHOTO 11
USE EXISTING CMS



PHOTO 15
NEW 20MM CONDUIT TO BE INSTALLED FROM EXISTING TRUNKING TO CAMERA 16.



PHOTO 12
NEW 20MM CONDUIT TO BE INSTALLED FROM EXISTING TRUNKING FIXED TO WOODEN CEILING.



PHOTO 16
CAMERA 16 LOCATION.

Legend/Notes
1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC.

COLOUR KEY
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EQUIPMENT IN BLUE - EXISTING/MODIFIED
EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED
EQUIPMENT IN RED - NEW EQUIPMENT

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
01	20.04.22	FIRST ISSUE	GK	RB	NL

Contractor(s) telent talent with technology			Telent Technology Services LTD Point 3, Haywood Road Warwick CV34 5AH, United Kingdom Telephone: +44 (0) 1926 693000 Facsimile: +44 (0) 1926 693888		
Status ISSUED FOR APPROVAL			Suitability Code		
Scale(s) NTS			Route Section ELR & Mileage		

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Approved	N LOVEITT	Signed		Date	20/04/2022
Project MANCHESTER OXFORD ROAD CCTV RENEWALS					
Drawing Title MANCHESTER OXFORD ROAD STATION CCTV COPPER CMS DESIGN					

Alternative Reference N/A			Sheet 3 of 15		
Drawing Number S02002.ENGR.DRGS.627659			Revision 01		





PHOTO 17
USE EXISTING CMS.



PHOTO 18
INSTALL NEW 25MM CONDUIT FIXED TO WOODEN CEILING TO CAMERA 17.

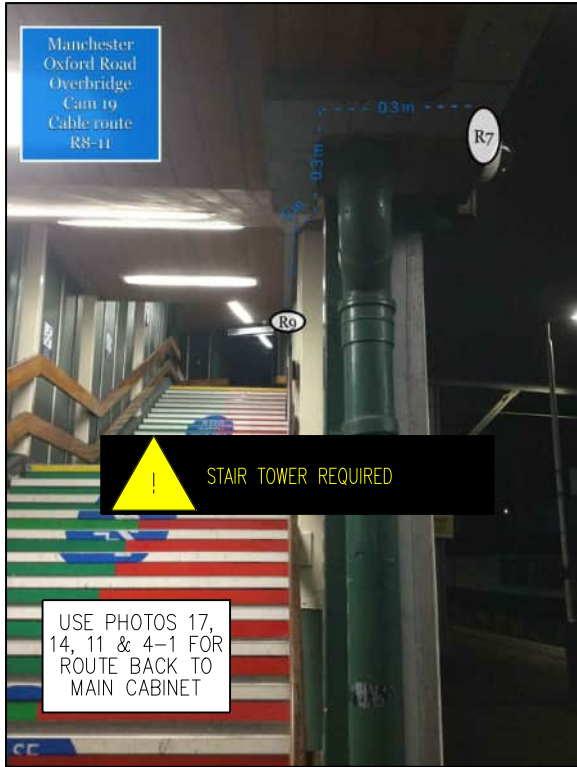


PHOTO 19
USE EXISTING CMS.

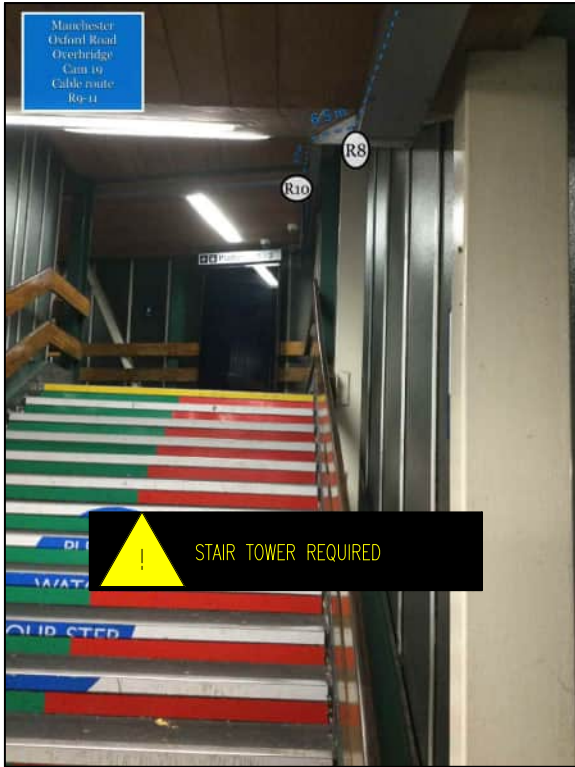


PHOTO 20
USE EXISTING CMS.



PHOTO 21
USE EXISTING CMS.

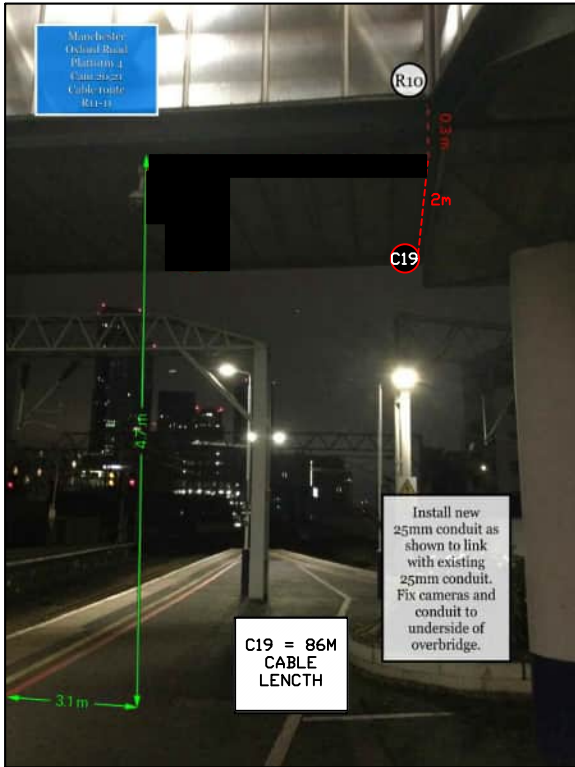


PHOTO 22
INSTALL NEW 25MM CONDUIT ON UNDERSIDE OF THE BRIDGE FROM EXISTING CMS



PHOTO 23
NEW 25MM CONDUIT TO BE INSTALLED FIXED TO TIMBER ROOF, FROM EXISTING CMS. CONDUIT T BOX TO BE INSTALLED TO CAMERA 17.



PHOTO 24
CONTINUE 25MM CONDUIT INSTALLATION FORM PHOTO 25.

Legend/Notes
1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC.

COLOUR KEY
EQUIPMENT IN BLACK - EXISTING/NO CHANGES
EQUIPMENT IN BLUE - EXISTING/MODIFIED
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EQUIPMENT IN RED - NEW EQUIPMENT

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01	20.04.22	FIRST ISSUE	GK	RB	NL

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Project MANCHESTER OXFORD ROAD CCTV RENEWALS		
Drawing Title MANCHESTER OXFORD ROAD STATION CCTV COPPER CMS DESIGN		

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PHOTO 25
CONTINUE 25MM CONDUIT FROM PHOTO 26 TERMINATING AT CAMERA 22.



PHOTO 26
USE EXISTING CMS.



PHOTO 27
USE EXISTING CMS.

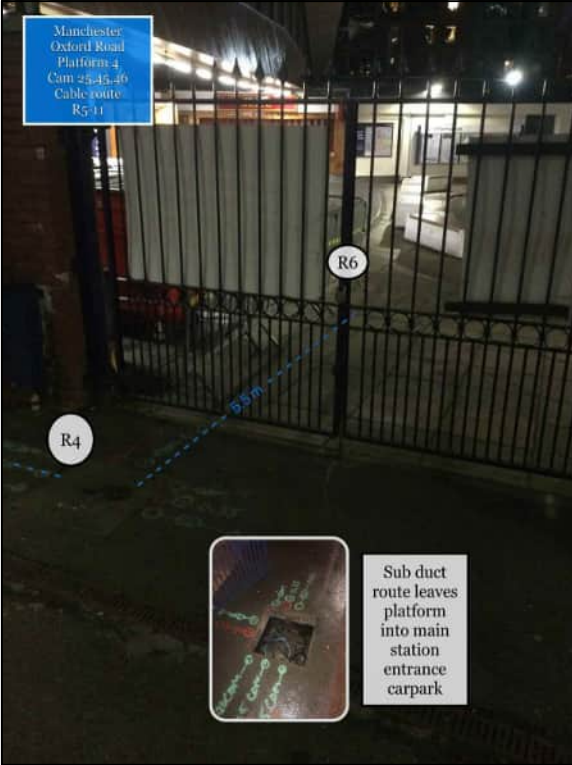


PHOTO 28
USE EXISTING CMS.

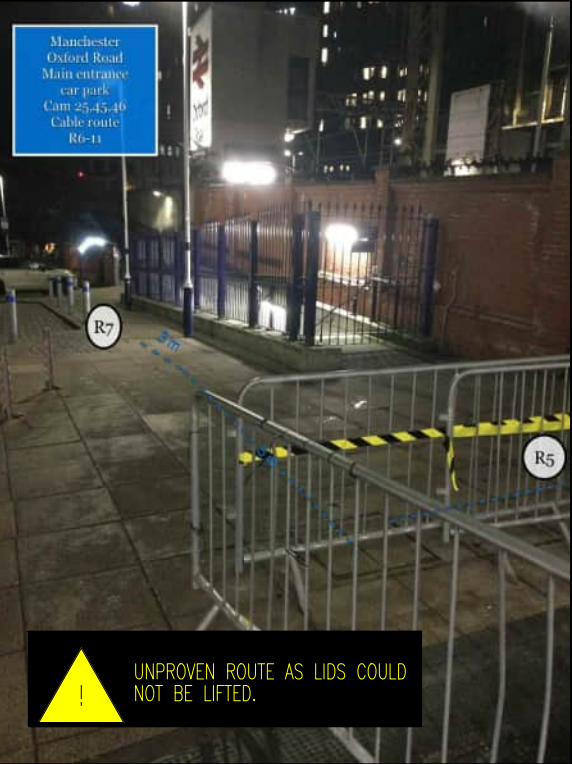


PHOTO 29
USE EXISTING CMS.



PHOTO 30
USE EXISTING CMS.

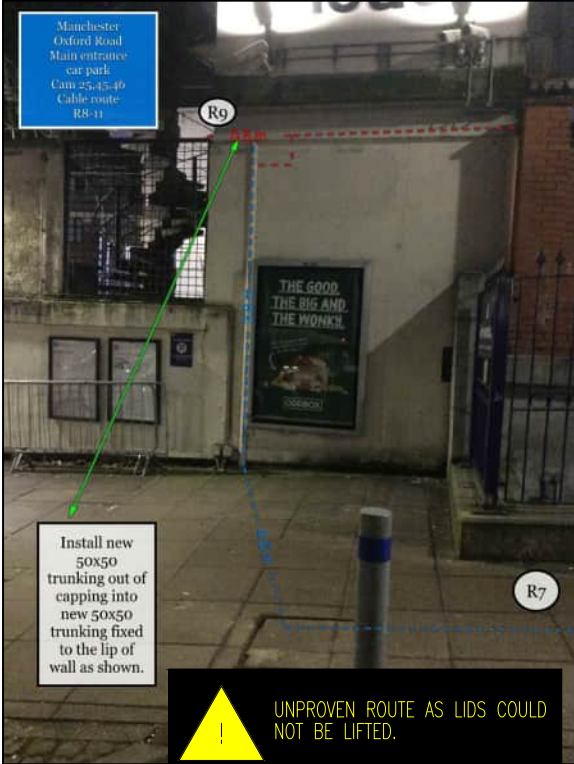


PHOTO 31
NEW 50X50MM TRUNKING TO BE INSTALLED FROM EXISTING CMS.



PHOTO 32
NEW 50X50MM TRUNKING FROM PHOTO 31. NEW 20MM CONDUIT TO BE INSTALLED WALL MOUNTED TO CAMERA 25.

Legend/Notes
1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC.

COLOUR KEY
EQUIPMENT IN BLACK - EXISTING/NO CHANGES
EQUIPMENT IN BLUE - EXISTING/MODIFIED
EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED
EQUIPMENT IN RED - NEW EQUIPMENT

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PHOTO 33
NEW 20MM CONDUIT TO BE INSTALLED FROM NEW 100X50MM TRUNKING.



PHOTO 34
NEW 20MM CONDUIT TO BE INSTALLED ON WOODEN CEILING TOWARDS CAMERA 47.

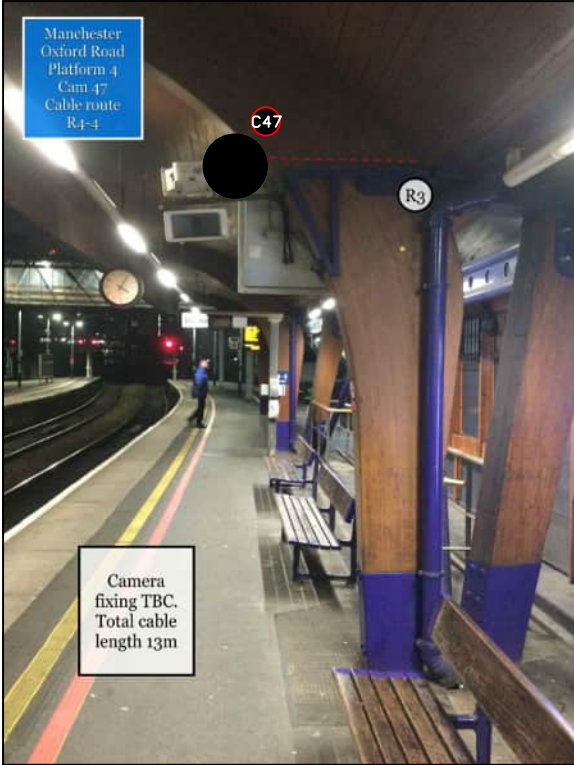


PHOTO 35
NEW 20MM CONDUIT TO TERMINATE AT CAMERA 47.



PHOTO 36
NEW 20MM CONDUIT TO BE INSTALLED FROM EXISTING TRUNKING DOWN WOODEN CEILING PANEL ON TO WALL AND ALONG.



PHOTO 37
NEW 20MM CONDUIT TO BE INSTALLED TO CAMERA 7.

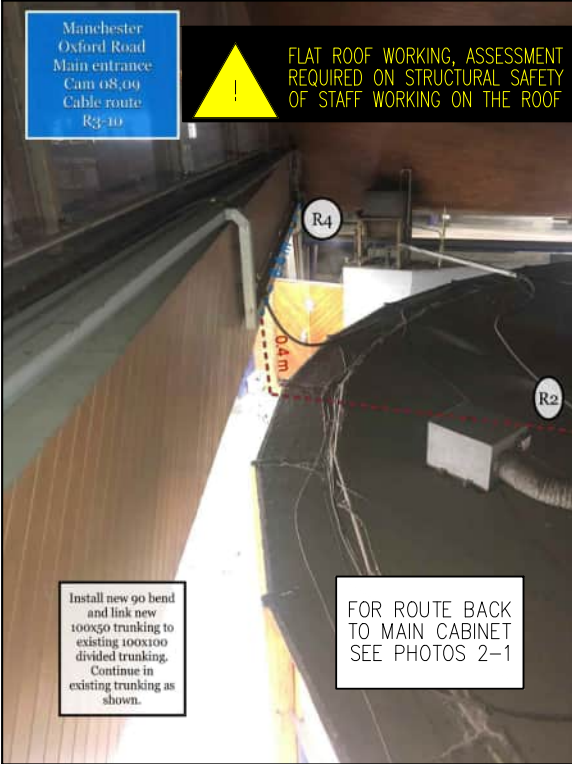


PHOTO 38
NEW CMS SHOWN INSTALLED AS PART OF PHOTO 3.



PHOTO 39
USE EXISTING CMS.



PHOTO 40
USE EXISTING CMS.

Legend/Notes 1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC. COLOUR KEY EQUIPMENT IN BLACK - EXISTING/NO CHANGES EQUIPMENT IN BLUE - EXISTING/MODIFIED EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED EQUIPMENT IN RED - NEW EQUIPMENT						Contractor(s) telent talent with technology Telent Technology Services LTD Point 3, Haywood Road Warwick CV34 5AH, United Kingdom Telephone: +44 (0) 1926 693000 Facsimile: +44 (0) 1926 693888						Designed G KILDING Signed Date 20/04/2022				northern									
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				Approved N LOVEITT Signed Date 20/04/2022																					
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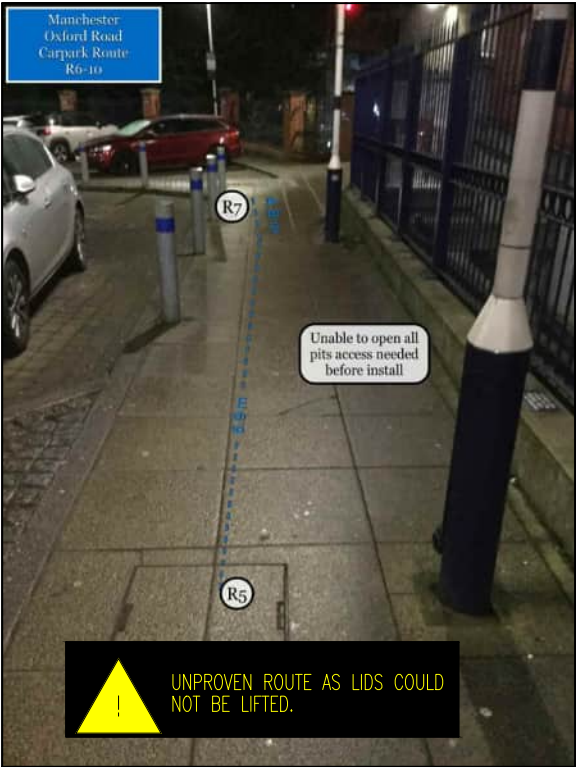


PHOTO 41
USE EXISTING CMS.



PHOTO 42
USE EXISTING CMS.



PHOTO 43
USE EXISTING CMS.



PHOTO 44
NEW 20MM CONDUIT TO BE INSTALLED ON CEILING FORM EXISTING TRUNKING.



PHOTO 45
NEW 20MM CONDUIT TO BE INSTALLED OUT OF THE CYCLE CENTER AND ROUTED THE OUTSIDE OF THE CAFE TO CAMERA 8.



PHOTO 46
NEW 50X50MM TRUNKING TO BE INSTALLED FROM EXISTING CMS.

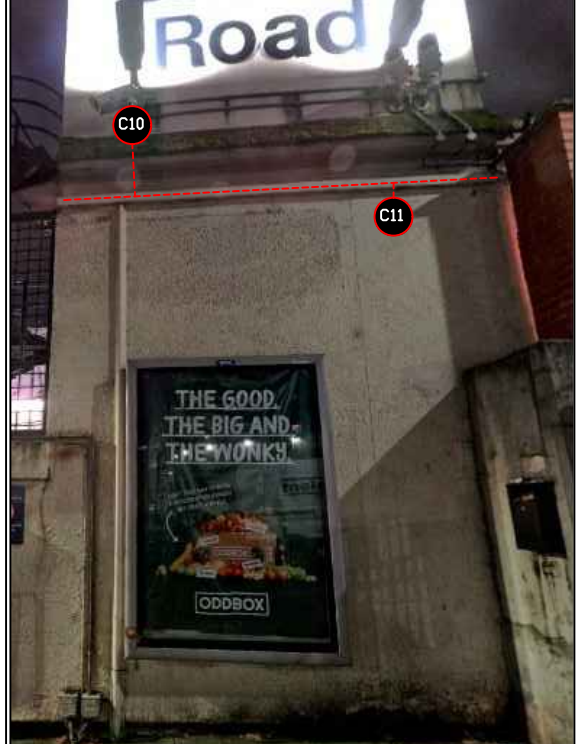


PHOTO 47
NEW 20MM TRUNKING TO BE INSTALLED FROM NEW TRUNKING UP WALL TO CAMERA 10. NEW 20MM TRUNKING TO BE INSTALLED FROM NEW TRUNKING TO CAMERA 11.



PHOTO 48
NEW 20MM CONDUIT TO BE INSTALLED FROM EXISTING CMS.

Legend/Notes
1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC.

COLOUR KEY
EQUIPMENT IN BLACK - EXISTING/NO CHANGES
EQUIPMENT IN BLUE - EXISTING/MODIFIED
EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED
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G KILDING

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R BURROWS

Date

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N LOVEITT

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N LOVEITT

Date

20/04/2022

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PHOTO 49
USE EXISTING CMS.



PHOTO 50
USE EXISTING CMS.



PHOTO 51
NEW 25MM CONDUIT TO BE INSTALLED ON THE ROOF USING MOUNTING FEET, FROM EXISTING CMS.



PHOTO 52
INSTALL 25MM CONDUIT T BOX AND INSTALL NEW 25MM CONDUIT TO CAMERA 14. CONTINUE 25MM CONDUIT ALONG ROOF TOWARDS CAMERA 15. NEW 20MM CONDUIT TO BE INSTALLED ON WALL ABOVE GATE LINE ACROSS TO AUDIO WALL BOX. SEE PHOTO 93



PHOTO 53
CONTINUE NEW 25MM CONDUIT ALONG ROOF TOWARDS CAMERA 15.

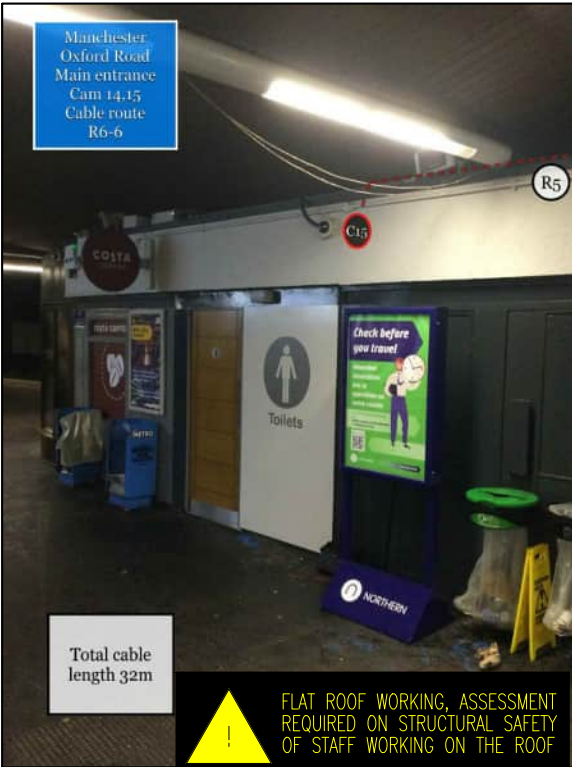


PHOTO 54
NEW 25MM CONDUIT ALONG ROOF TO CAMERA 15.



PHOTO 55
USE EXISTING CMS.

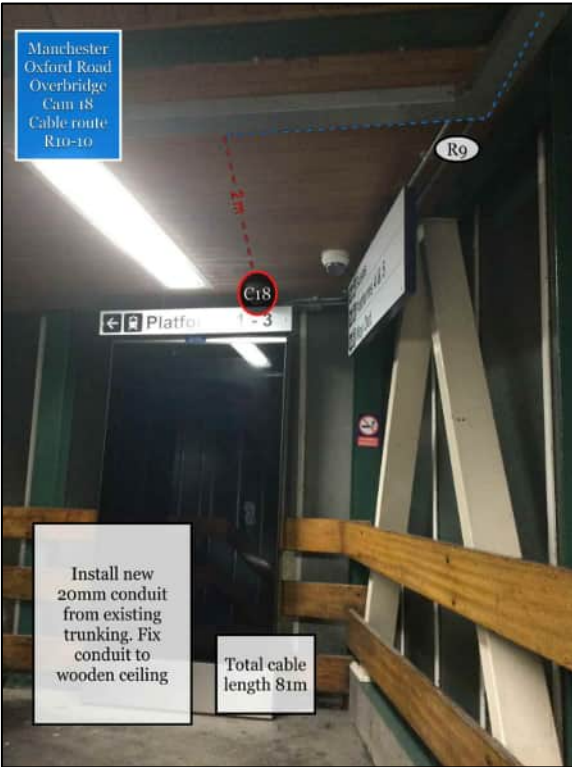


PHOTO 56
INSTALL NEW 20MM CONDUIT ALONG ROOF TOWARDS CAMERA 18.

Legend/Notes
1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC.

COLOUR KEY
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PHOTO 57
USE EXISTING CMS.



PHOTO 58
USE EXISTING CMS.



PHOTO 59
INSTALL 20MM CONDUIT FROM EXISTING TRUNKING TO CAMERA 48.



PHOTO 60
USE EXISTING CMS.



PHOTO 61
USE EXISTING CMS.

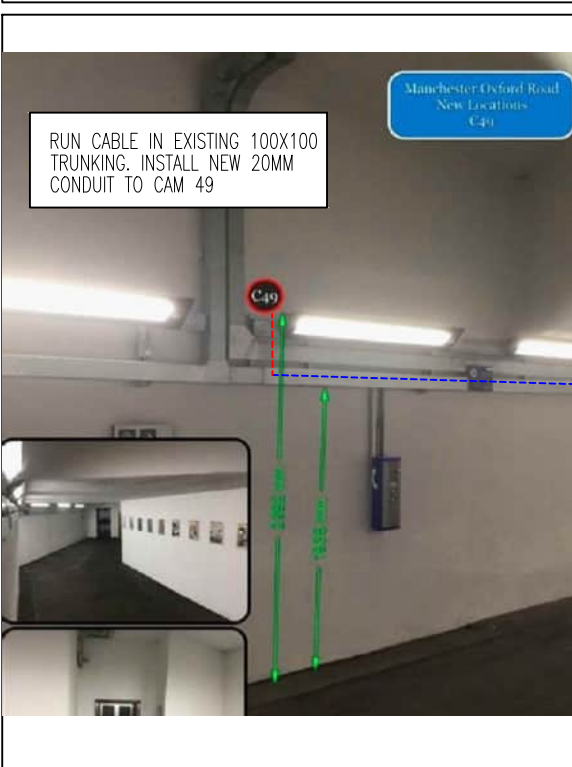


PHOTO 62
INSTALL 20MM CONDUIT FROM EXISTING TRUNKING TO CAMERA 49.



PHOTO 63
USE EXISTING CMS.



PHOTO 64
NEW CABLE TO BE ROUTED UP THE LIFT SHAFT. FROM EXISTING TRUNKING INSTALL A NEW 20MM CONDUIT TO ADJACENT TRUNKING

Legend/Notes				
1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC.				
COLOUR KEY				
EQUIPMENT IN BLACK - EXISTING/NO CHANGES				
EQUIPMENT IN BLUE - EXISTING/MODIFIED				
EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED				
EQUIPMENT IN RED - NEW EQUIPMENT				
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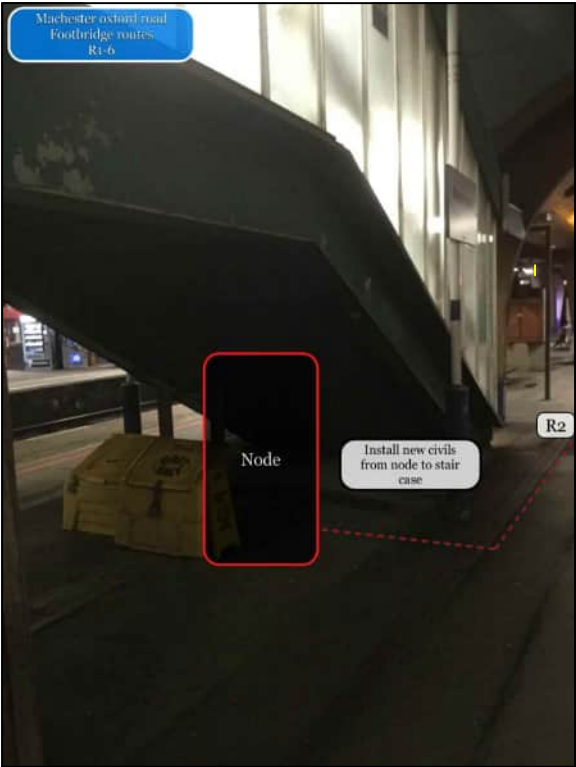


PHOTO 65
INSTALL NEW SUB-DUCT FROM BASE OF NEW CCTV CABINET.

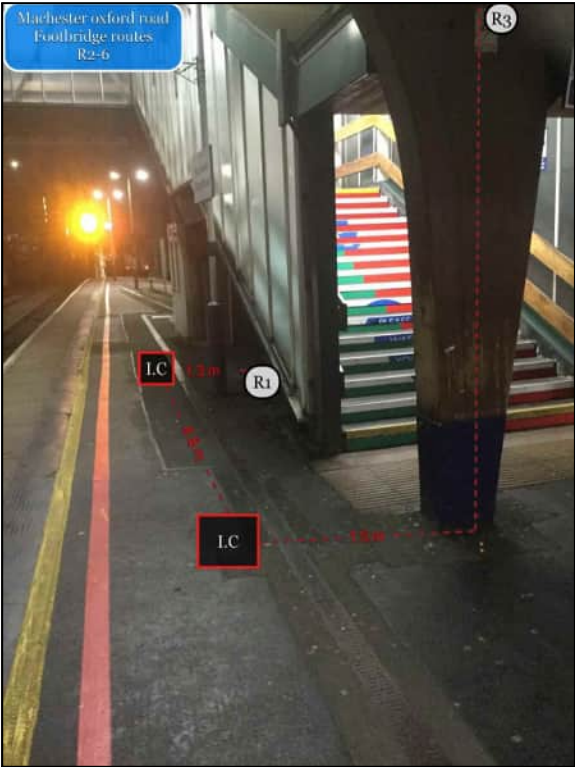


PHOTO 66
INSTALL NEW SUB-DUCT AND INSPECTION CHAMBERS IN PLATFORM TO CONCRETE COLUMN. INSTALL NEW 150X100MM TRUNKING UP THE CONCRETE COLUMN.



PHOTO 67
INSTALL 150X100MM TRUNKING UP COLUMN AND ACROSS TO LINK WITH EXISTING TRUNKING.

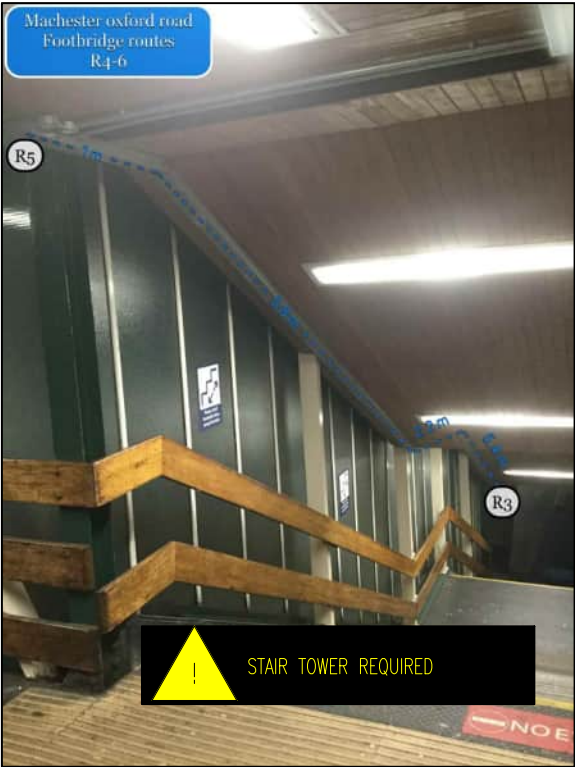


PHOTO 68
USE EXISTING CMS.



PHOTO 69
INSTALL 25MM CONDUIT FROM EXISTING TRUNKING TO CAMERA 28.



PHOTO 70
INSTALL 20MM CONDUIT FROM EXISTING TRUNKING TO CAMERA 18.

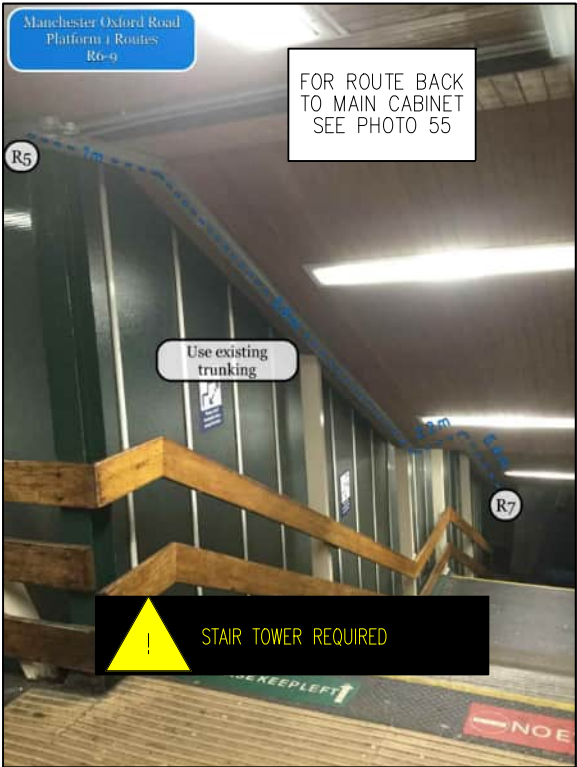


PHOTO 71
USE EXISTING CMS.

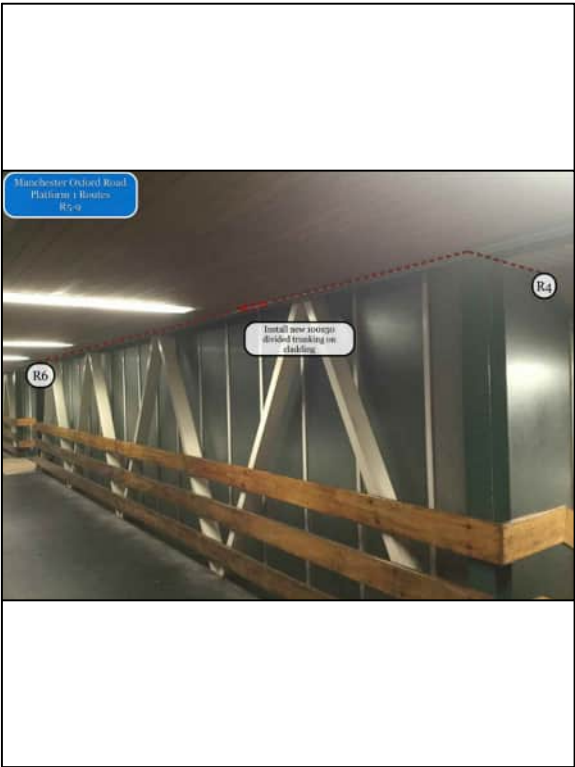


PHOTO 72
NEW 100X50MM TRUNKING TO BE INSTALLED FIXED TO CEILING CLADDING.

Legend/Notes
1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC.

COLOUR KEY
EQUIPMENT IN BLACK - EXISTING/NO CHANGES
EQUIPMENT IN BLUE - EXISTING/MODIFIED
EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED
EQUIPMENT IN RED - NEW EQUIPMENT

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PHOTO 73
NEW 20MM CONDUIT TO BE INSTALLED TO CAMERA 40. NEW 100X50MM TRUNKING TO BE INSTALLED TO CEILING CLADDING ABOVE STAIRS DOWN TO PLATFORM LEVEL.



PHOTO 74
NEW 100X50MM TRUNKING TO BE INSTALLED TO CEILING CLADDING ABOVE STAIRS DOWN TO PLATFORM LEVEL.



PHOTO 75
NEW 50X50MM TRUNKING TO BE INSTALLED DOWN THE SIDE OF THE FOOT BRIDGE IN TO THE NEW SUB-DUCT.

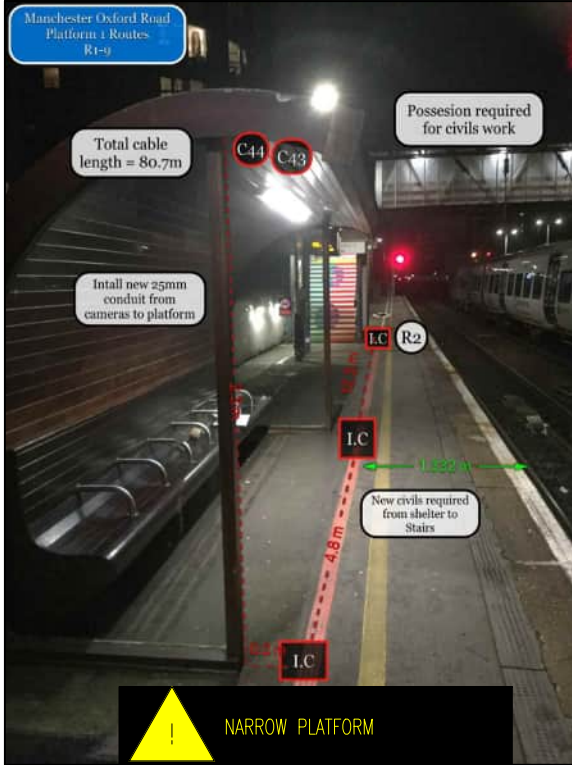


PHOTO 76
NEW SUB-DUCT AND INSPECTION CHAMBERS TO BE INSTALLED ALONG PLATFORM, FROM NEW SUB-DUCT INSTALL NEW 25MM CONDUIT UP SHELTER SUPPORT TO CAMERAS 44 & 43.



PHOTO 77
FROM NEW 50X50MM TRUNKING INSTALLED IN PHOTO 77. INSTALL NEW 25MM CONDUIT TO BACK OF STAIRS.



PHOTO 78
INSTALL NEW 25MM CONDUIT TO THE UNDERSIDE OF THE STAIRS, FIXED WITH GIRDER CLAMPS TO CAMERAS 39 & 41.

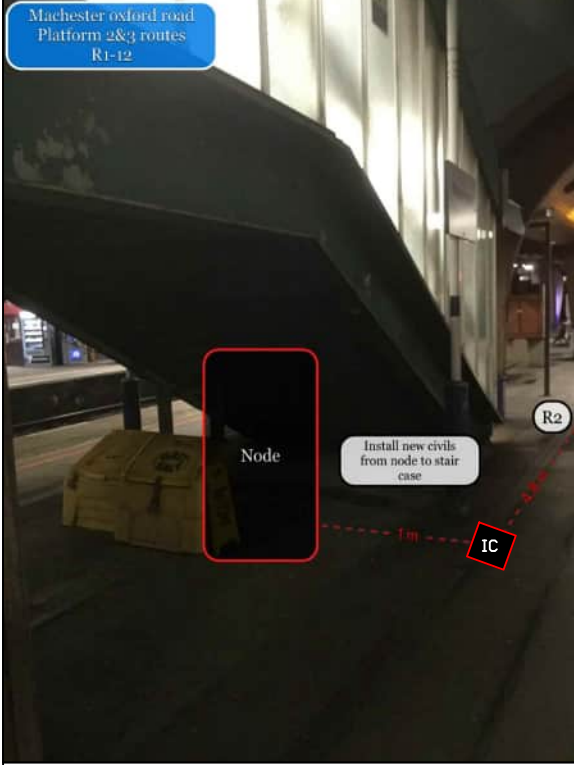


PHOTO 79
NEW SUB-DUCT TO BE INSTALLED. (SAME SUB-DUCT AS SHOWN IN PHOTO 67)

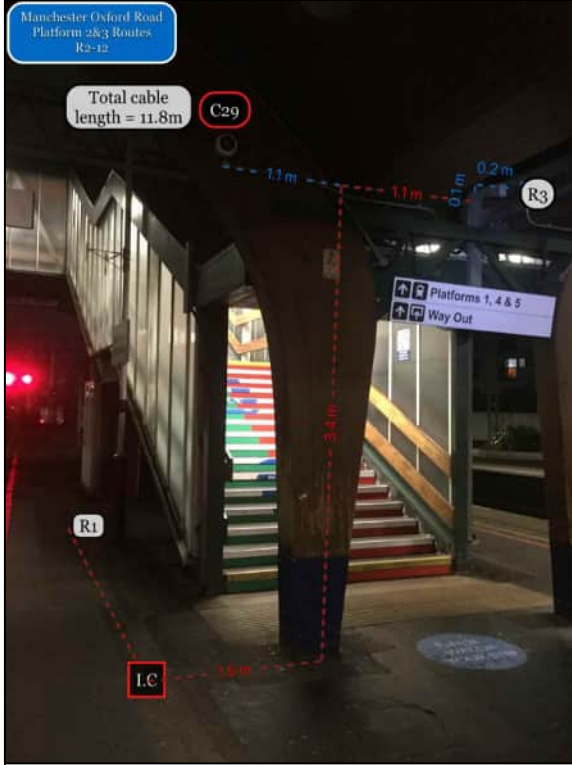


PHOTO 80
NEW SUB-DUCT, IC & 100X50MM TRUNKING TO BE INSTALLED. (SAME SUB-DUCT & TRUNKING AS SHOWN IN PHOTO 68 & 69)

Legend/Notes
1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC.

COLOUR KEY
EQUIPMENT IN BLACK - EXISTING/NO CHANGES
EQUIPMENT IN BLUE - EXISTING/MODIFIED
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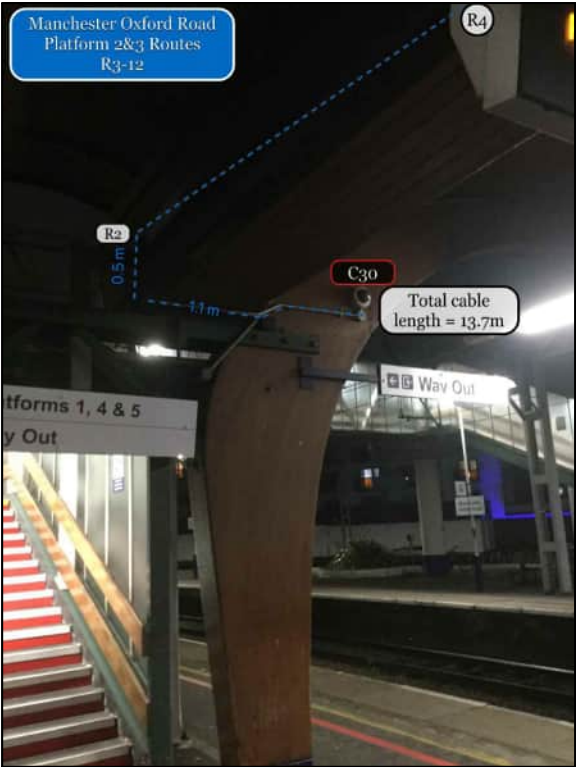


PHOTO 81
USE EXISTING CMS.

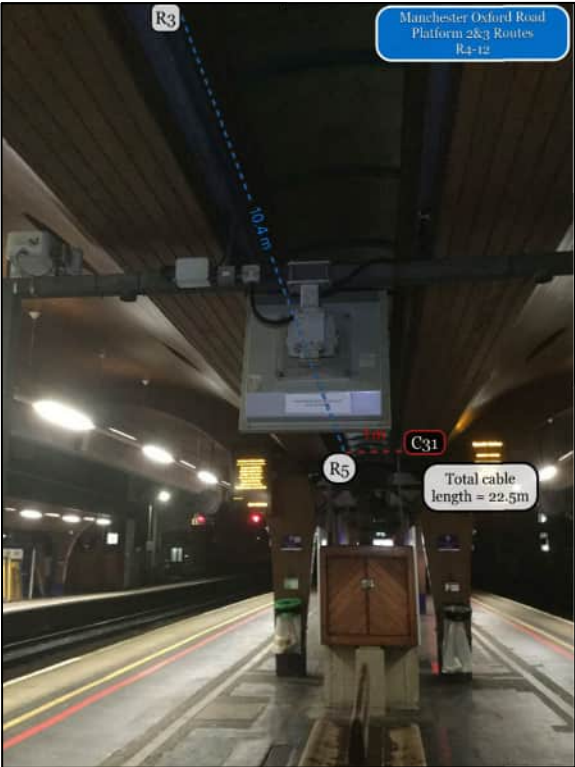


PHOTO 82
NEW 20MM CONDUIT TO BE INSTALLED TO CEILING CLADDING TO CAMERA 31.



PHOTO 83
NEW 20MM CONDUIT TO BE INSTALLED OFF THE EXISTING CMS TO CAMERA 32.



PHOTO 84
NEW 100X50MM TRUNKING TO BE INSTALLED TO CANOPY CEILING FROM PHOTO 85 TO R7 INDICATOR. 2X NEW 20MM CONDUIT SECTIONS TO BE INSTALLED OUT TO CAMERAS.

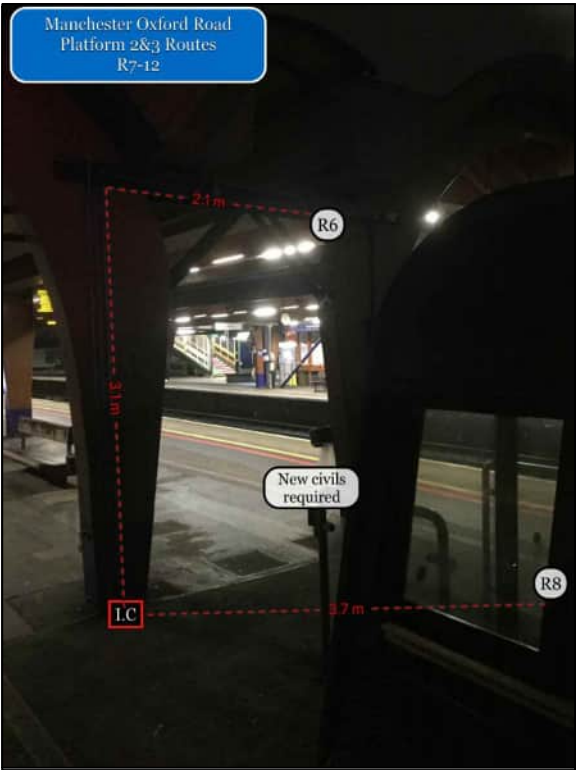


PHOTO 85
FROM NEW 100X50MM TRUNKING INSTALLED ACROSS AND DOWN THE COLUMN. NEW INSPECTION CHAMBER AND SUB-DUCT TO BE INSTALLED.

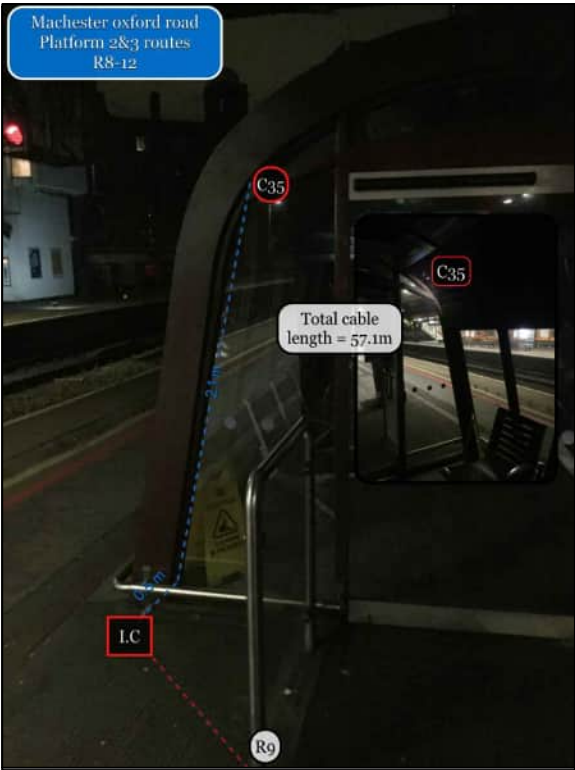


PHOTO 86
INSTALL NEW INSPECTION CHAMBER TO BE INSTALLED TO ACCESS THE EXISTING CMS.



PHOTO 87
NEW SUB-DUCT AND INSPECTION CHAMBERS TO BE INSTALLED, NEW 25MM CONDUIT TO BE INSTALLED UP THE WALL TO CAMERAS SHOWN IN PHOTO 88.

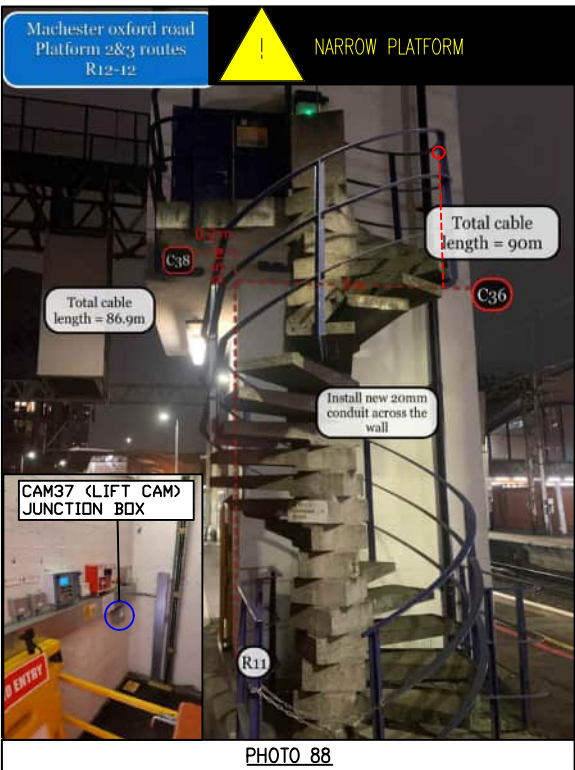


PHOTO 88
NEW 25MM CONDUIT TO BE INSTALLED TO CAMERA 36 & 38. OFF SECTION OF CONDUIT FOR CAMERA 36 SPUR UP THE WALL AND CREATE A NEW WALL PENETRATION IN TO THE LIFT MOTOR ROOM AND ROUTE NEW CONDUIT TO CAMERA 37 JUNCTION BOX

Legend/Notes
1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC.

COLOUR KEY
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EQUIPMENT IN BLUE - EXISTING/MODIFIED
EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED
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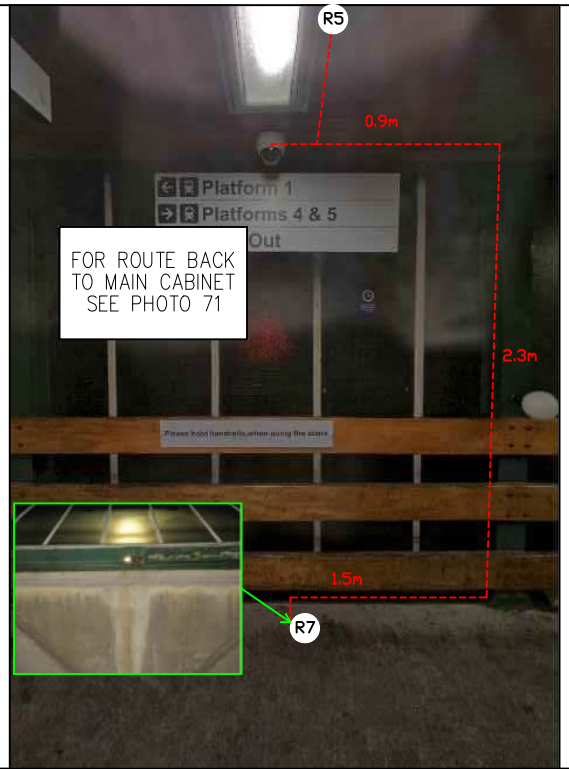


PHOTO 89
NEW 25MM CONDUIT TO BE INSTALLED CLIPPED TO STEEL WORK AND FIXED TO TIMBER CEILING.

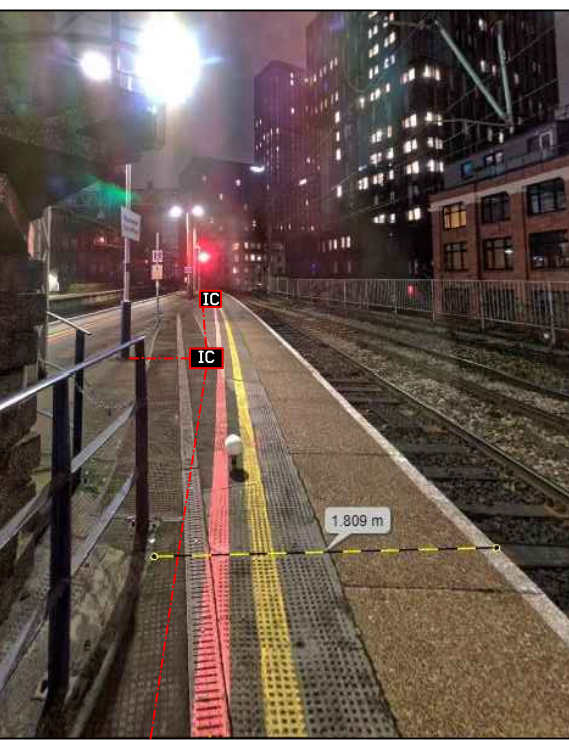


PHOTO 93
NEW SUB-DUCT AND INSPECTION CHAMBERS TO BE INSTALLED

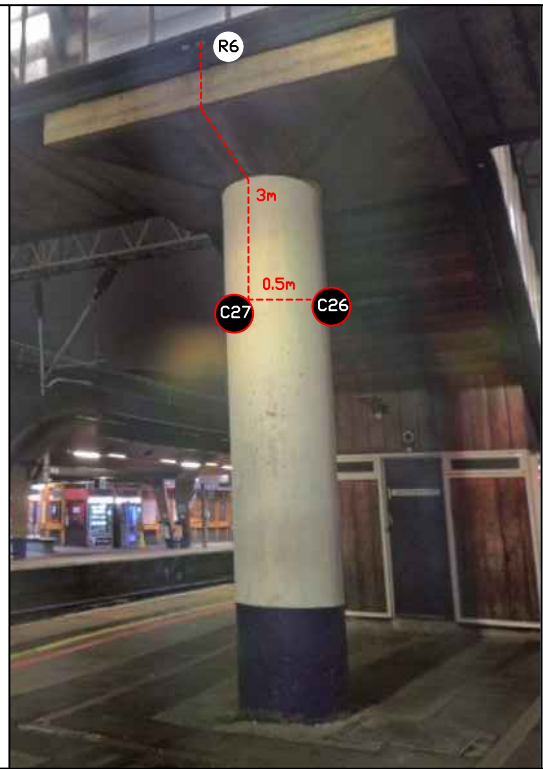


PHOTO 90
NEW 25MM CONDUIT TO BE INSTALLED FROM EXISTING HOLE IN STEEL WORK AND FIXED TO CONCRETE COLUMN USING CONDUIT SADDLES TO CAMERA 26 & 27.



PHOTO 94
NEW SUB-DUCT AND INSPECTION CHAMBERS TO BE INSTALLED

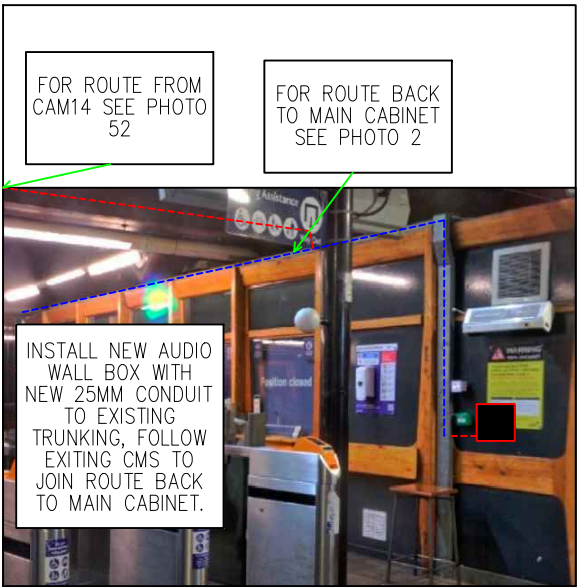


PHOTO 91
NEW 25MM CONDUIT TO BE INSTALLED FROM NEW AUDIO BOX TO EXISTING TRUNKING.



PHOTO 92
NEW SUB-DUCT AND INSPECTION CHAMBER TO BE INSTALLED. NEW 100X100MM TRUNKING TO BE INSTALLED FROM SUB-DUCT TOWARDS THE BASE OF CC3, TRANSITION TO 150X150MM TRUNKING UNDER CC3.

Legend/Notes
1. CMS ROUTES WILL REQUIRE AGREEMENT WITH MCC.

COLOUR KEY
EQUIPMENT IN BLACK - EXISTING/NO CHANGES
EQUIPMENT IN BLUE - EXISTING/MODIFIED
EQUIPMENT IN GREEN - EXISTING/TO BE REMOVED
EQUIPMENT IN RED - NEW EQUIPMENT

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
01	20.04.22	FIRST ISSUE	GK	RB	NL

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Status	ISSUED FOR APPROVAL			Suitability Code
Scale(s)	NTS	Route Section	ELR & Mileage	

Designed	G KILDING	Signed		Date	20/04/2022
Drawn	G KILDING	Signed		Date	20/04/2022
Checked	R BURROWS	Signed		Date	20/04/2022
Approved	N LOVEITT	Signed		Date	20/04/2022

Project
MANCHESTER OXFORD ROAD CCTV RENEWALS

Drawing Title	MANCHESTER OXFORD ROAD STATION CCTV COPPER CMS DESIGN
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Alternative Reference	N/A	Sheet	13 of 15
Drawing Number	S02002.ENGR.DRGS.627659	Revision	01