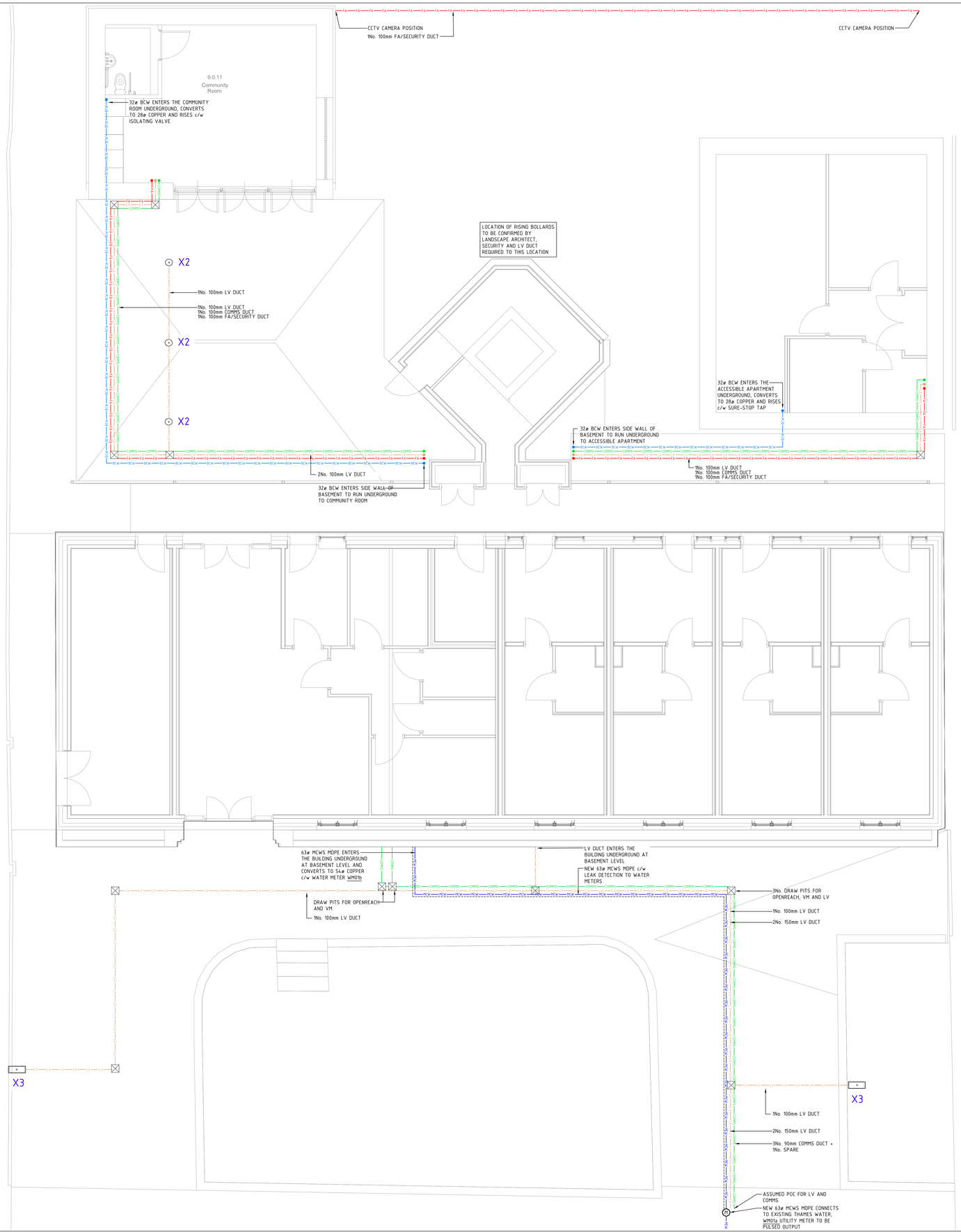
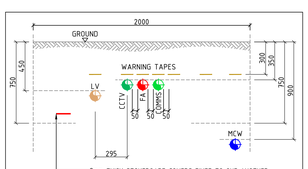


LEGEND

SYMBOL	DESCRIPTION
MCW	MAINS COLD WATER PIPE IN DUCT
BCW	BOOSTED COLD WATER IN DUCT
	LEAK DETECTION CABLE
M	METER
●	DUCT ENTRY POINT THROUGH SLAB
FA	FIRE ALARM/SECURITY CABLE IN DUCT
COMMS	DATA CABLE IN DUCT
LV	LV CABLE IN DUCT

NOTES

1. FOR BUILDING SERVICES INFORMATION ONLY.
2. THIS DRAWING SHALL BE READ IN COLOUR.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL SCHEDULES & ANY ASSOCIATED SPECIFICATION.
4. ALL BUILDING FABRIC PENETRATIONS SHALL BE SEALED IN ACCORDANCE TO THE BUILDING FABRIC MANUFACTURERS SPECIFICATION AND REQUIREMENTS TO ENSURE THE FIRE RESISTANCE AND/OR FIRE-RETARDANT CHARACTERISTICS AND WEATHER RESISTANCE CHARACTERISTIC OF SUCH MATERIALS ARE NOT COMPROMISED. EXACT FIRE AND WEATHER SEALING DETAILS ARE A CONTRACTOR DESIGN ELEMENT.
5. EXTERNAL LIGHTING SHALL BE CONTROLLED VIA TIME SWITCH AND PHOTOCELL COMPLETE WITH MANUAL OVERRIDE SWITCH.
6. THE POWER & DISTRIBUTION INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THIS DRAWING, THE LATEST EDITION OF BS7671 THE IET WIRING REGULATIONS AND ALL OTHER TENDER DOCUMENTS.
7. ALL DUCT DIMENSIONS ARE INTERNAL. DUCT ROUTES SHALL BE COMPLETE WITH SLOW RADIUS BEND PVC DUCTS.
8. ALL DUCTS TO BE 150mm MINIMUM UNLESS OTHERWISE STATED.
9. DUCTING SHALL BE INSTALLED WITH GLUED JOINTS WITH A STRATEGICALLY SITED ACCESS CHAMBER SYSTEM SIZED TO SUIT THE CABLES TO BE ROUTED WITHIN IT. PULL IN CHAMBERS SHALL BE SITED AS A MINIMUM AT EACH BEND AND ALSO IDEALLY NO GREATER THAN EVERY 50 METRES. THE CABLING AND DUCTING SHALL BE BURIED AT DEPTHS AND SPACED ACCORDING TO NJUG - NATIONAL JOINT UTILITIES GUIDANCE SUITABLE FOR THE VOLTAGES OF THE INSTALLATION. ALL DUCTS SHALL BE INSTALLED AND LEFT WITH 2 NO DRAW ROPES AS A MINIMUM.



NOTES:

1. ALL DUCTS TO BE SMOOTH BORE WITH SLOW RADIUS BENDS AND COMPLETE WITH TETHERED DRAW ROPES. ALL DUCT SIZES ARE INTERNAL DIMENSIONS.
2. FINAL DEPTH OF SERVICES AT DRAINAGE RUN CROSSOVER POINTS MAY NEED TO BE SHALLOWER OR DEEPER AS NECESSARY ADJUST OVER LENGTH OF RUN TO AVOID BENDS.
3. BURIED SERVICES DEPTHS ARE IN ACCORDANCE WITH NATIONAL JOINT UTILITIES GROUP (NJUG)

TYPICAL M&E SERVICES UNDER FOOTWAY AND VERGE INSTALLATION DEPTHS
SCALE NTS

Rev.	Description	Date
P01	STAGE 4 - ISSUED FOR COMMENT	10.01.2024

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Client: MORGAN SINDALL

Stage: STAGE 4

Project: CAMDEN HOSTELS CAMDEN ROAD

Title: EXTERNAL SERVICES

Eng: C.BROOK / E.THORNTON	QA Eng: V.GRIMLEY / A.MOSS
BIM Tech: M.BURKINSHAW	QA BIM: A.HIRST
Security Classification: UNCLASSIFIED	Drawing Start Date: 14.12.2023
Size: A0	Scale: 1:50
Project No. - Originator - Function - Level - Form - Discipline - Drawing No: 123007-AGL-CA-XX-DR-N-4001	Status: S3
Revision: P01	

0 0.5 1.0 1.5 2.0 2.5 5.0 m