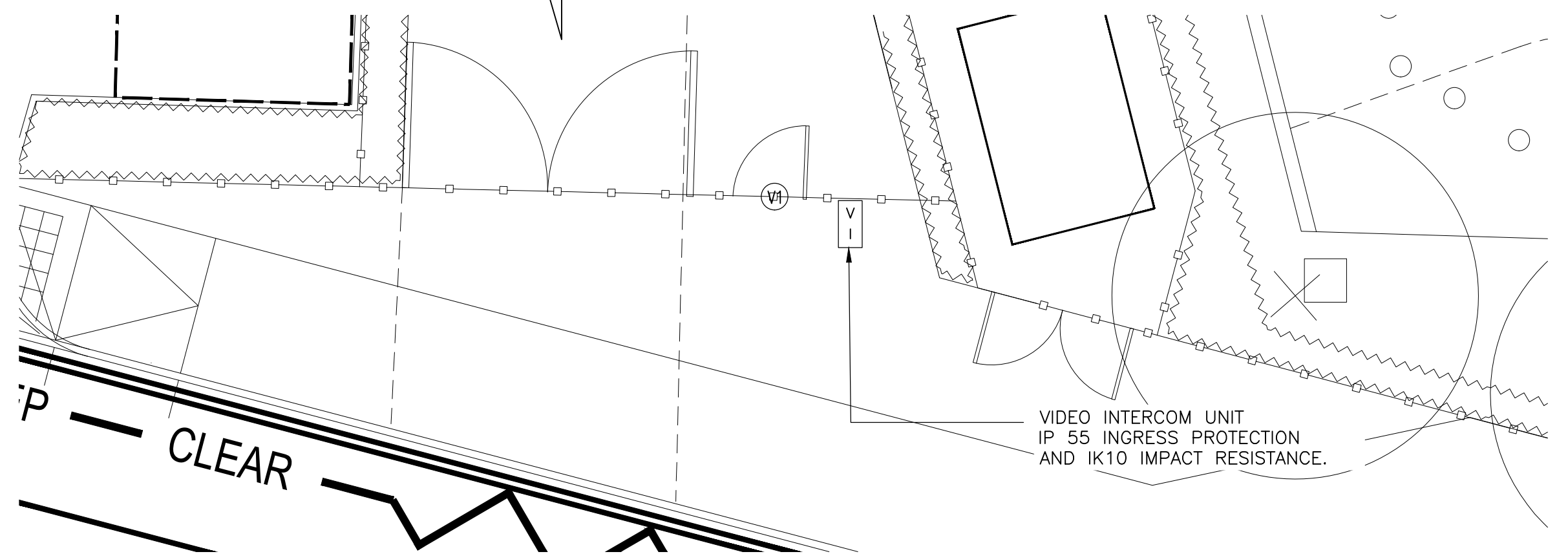
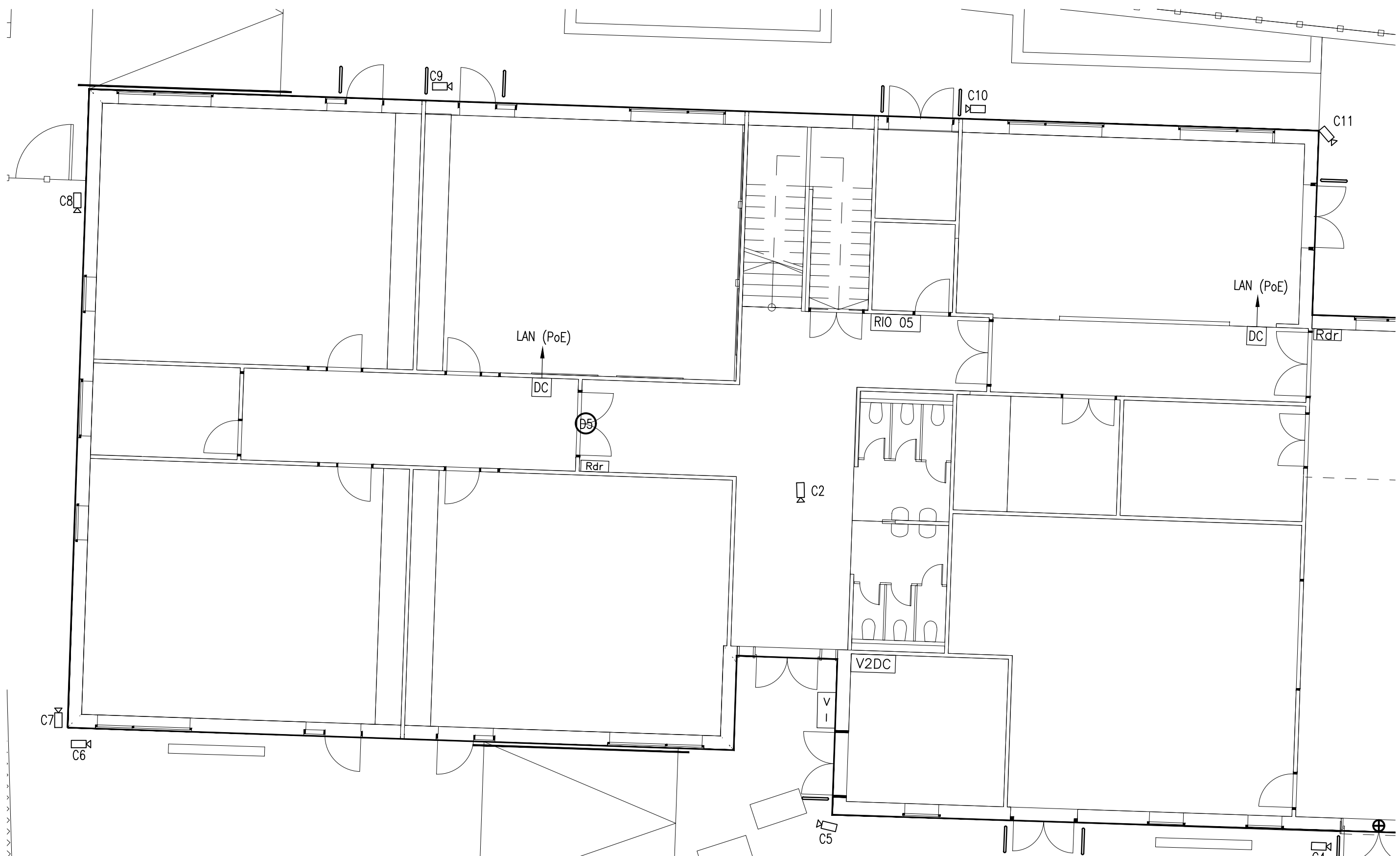


GROUND FLOOR AND SITE EXTERNALS SECURITY LAYOUT
(SCALE 1:200)



DETAIL B - ACCESS CONTROL DOORS AND COMPONENTS AT MAIN ENTRANCE
(SCALE 1:50)



DETAIL A - ACCESS CONTROL DOORS AND COMPONENTS AT SECOND ENTRANCE
(SCALE 1:50)

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

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CDM - RESIDUAL RISKS

The following are considered to be significant risks relevant to this drawing, which could not be fully mitigated or removed through design. Further possible control measures have been identified within the Design Risk Assessments which may help to mitigate these and other identified risks further during the construction / maintenance process.

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATION, DRAWINGS AND EQUIPMENT SCHEDULES.
- ENTRY CONTROL TO BE VIA SECURE FOBs
- ALL SYSTEM COMPONENTS (LESS INTRUDER ALARM) TO BE IP ADDRESSABLE
- ACCESS CONTROL DOORS TO INCLUDE FACILITIES TO TIME CONTROL ACTIVATION OF DOOR CONTROL
- EXIT PUSH BUTTON LOCATED AT THE RECEPTION DESK TO ENABLE ACCESS FOR VISITORS THROUGH DOOR D1
- ACCESS CONTROL SYSTEM PROVIDED TO FACILITATE COMMUNITY USE STRATEGY
- DOOR/GATE CONTROLLERS TO BE INSTALLED ABOVE CEILINGS IN GENERAL CIRCULATION AREAS
- INTERNAL SYSTEM COMPONENTS TO BE APPROVED BY ARCHITECT
- REFER TO SMALL POWER DRAWINGS FOR SYSTEM POWER SUPPLIES WHERE NOT PoE
- CCTV SYSTEM TO BE IP PoE EQUIPMENT TO BE LOCATED IN THE SERVER ROOM. PoE TO BE 802.3at STANDARD
- CAMERA C1 AND C2 TO ACHIEVE 150Px/m FOR IDENTIFICATION LEVEL RECOGNITION
- CAMERAS C3 TO C22 TO ACHIEVE MINIMUM 59 Px/m FOR OBSERVATION LEVEL RECOGNITION
- ACCESSIBLE WC TO INTERFACE TO DISABLED REFUGE CALL PANEL VIA VOLT FREE CONTACT.

LEGEND

INTRUDER ALARM COMPONENTS:

- ⊕ INTRUDER ALARM DOOR CONTACTS.
- ⚡ DUAL TECHNOLOGY MICROWAVE/PIR DETECTOR.
- ⊗ INTRUDER ALARM CONTROL PANEL FOR SYSTEM ACTIVATION/DISABLE.
- RIO INTRUDER ALARM SYSTEM REMOTE INPUT - OUTPUT MODULE

ACCESS CONTROL COMPONENTS:

- LAN ACCESS CONTROL DOOR CONTROLLER WITH LAN CONNECTIVITY. INSTALLED WITHIN CEILING VOID ON SECURE SIDE OF DOOR.
- Rdr ACCESS CONTROL FOB READER
- EXIT ACCESS CONTROL MANUAL EXIT PUSH BUTTON ON SECURE SIDE OF DOOR.
- AC ACCESS CONTROL AND VIDEO ENTRY SYSTEM CONTROL PANEL.

VIDEO ENTRY SYSTEM COMPONENTS:

- V VIDEO ENTRY SYSTEM CONTROLLED GATE/DOOR.
- V I VIDEO INTERCOM UNIT INCLUDING:
 - PAN/TILT CAMERA
 - LOW LIGHT SENSITIVITY CAMERA
 - HIGH CONTRAST BACKLIT KEYPAD
 - IK10 IMPACT RESISTANCE
 - IP55 INGRESS PROTECTION
- V2DC VIDEO ENTRY SYSTEM CONTROLLED GATE/DOOR CONTROLLER

CCTV SYSTEM COMPONENTS:

- C16 IP66 FIXED CAMERA. WALL MOUNTED FOR PARAMETER AND CEILING MOUNTED FOR V1 AND V2. TO INCLUDE:
 - HD LOSS RESOLUTION
 - PoE(802.3 of STANDARD)
 - COLOR DAY OPERATION
 - BLACK AND WHITE NIGHT OPERATION
 - MINIMUM VIEWING ANGLE
 - 25M MINIMUM NIGHT VIEWING DISTANCE
 - INFRARED LEDS AT 850NM WAVELENGTH
 - 10,000 AVERAGE LED LIFE.

DISABLED REFUGE AND WC ALARM:

- DR1 DISABLED REFUGE CALL POINT
- DR2 DISABLED REFUGE AND WC ALARM MASTER CONTROLLER
- WC-PSU ACCESSIBLE WC ALARM PULL CORD
- WC ACCESSIBLE WC ALARM CONTROLLER AND PSU
- WC ACCESSIBLE WC ALARM OVER DOOR LIGHT AND SOUNDER
- RESET ACCESSIBLE WC RESET AND REASSURANCE

REV	DESCRIPTION	DATE	BY	CHKD
01	ISSUED FOR TENDER	17 FEB 2016	MS	MS

Client: BALFOUR BEATTY

Project: DULF'S PRIMARY SCHOOL, STRATFORD

Dwg Name: GROUND FLOOR SECURITY AND ACCESS CONTROL LAYOUT

DWG NO.	PROJECT	ORGANISER	ZONE	DATE	TYPE	PURPOSE	SUBSCRIPTION	NUMBER
T01	MS	MS	MS	MS	MS	MS	MS	MS

Rev: T01

DESIGN BY: MS

FIRST ISSUE DATE: 17 FEBRUARY 2016

SCALE: SCALE AS SHOWN

at: A0

Do not scale off this drawing. Check all dimensions on site.

100mm

Original Scale 1:1

MZA Consulting Engineers

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T01	MS	MS	MS	MS	MS	MS	MS	MS

Rev: T01

DESIGN BY: MS

FIRST ISSUE DATE: 17 FEBRUARY 2016

SCALE: SCALE AS SHOWN

at: A0

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Original Scale 1:1