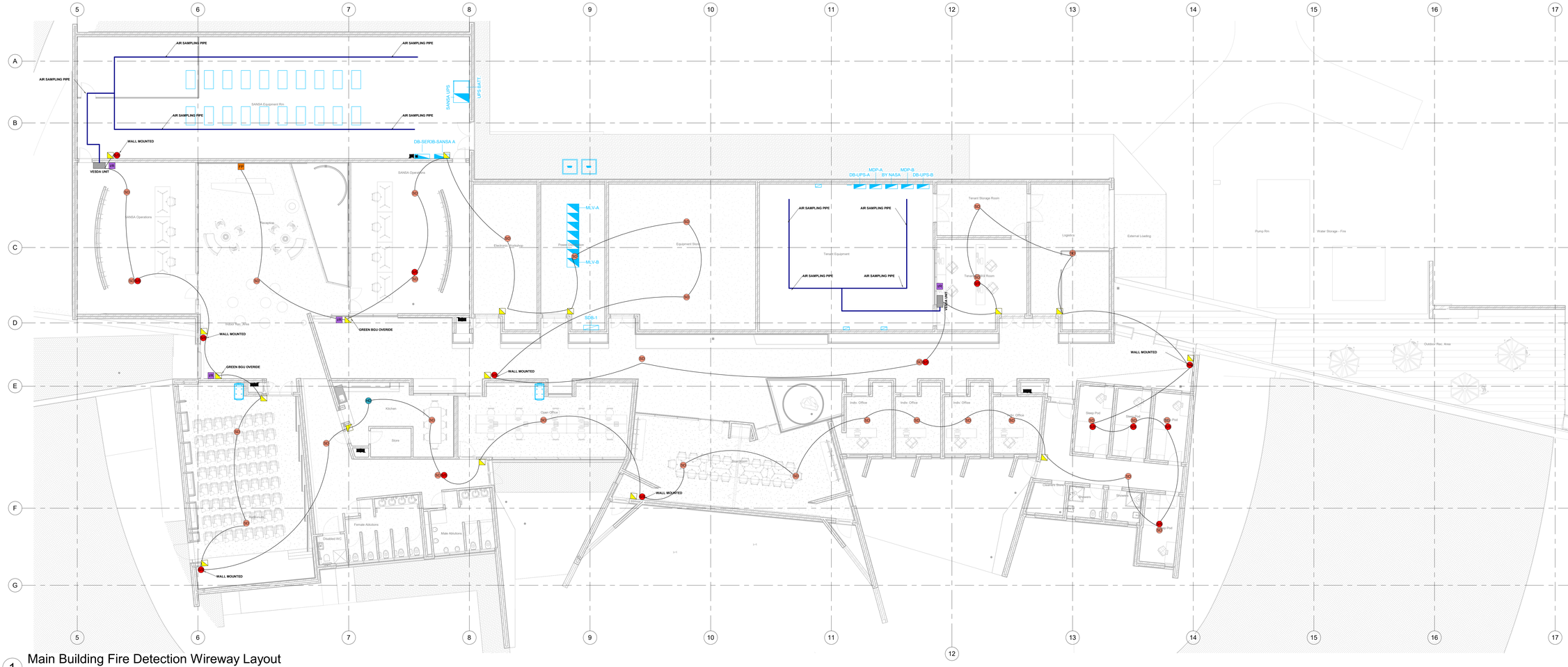
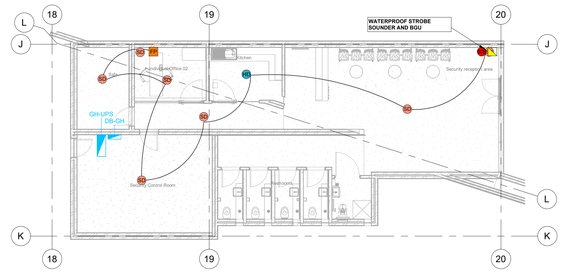


1 Main Building Fire Detection Wireway Layout

1 : 100

2 Generator Building Fire Detection Wireway Layout

1 : 100



3 Gatehouse Fire Detection Wireway Layout

1 : 100

A0

FOR TENDER

- REVISIONS -

REV	DATE	DESCRIPTION	SIGN
TD	2024-12-11	ISSUED FOR TENDER	S.P
TD1	2025-02-10	ISSUED FOR TENDER	S.P

- LEGEND -

FIRE DETCTION LEGEND:

- SPEAKER
- ADDRESSABLE SMOKE DETECTOR
- ADDRESSABLE SMOKE DETECTOR WITH BASE STROBE & SOUNDER
- ADDRESSABLE BGU
- ADDRESSABLE HEAT DETECTOR WITH BASE STROBE & SOUNDER
- ADDRESSABLE HEAT DETECTOR
- REFUGE/FIRE PHONE
- INTERFACE RELAY
- HOLD OPEN DOOR MAG
- POWER SUPPLY
- 25mm DETECTION CONDUIT
- 25mm FIRE PHONE CONDUIT
- 25mm EVAC SPEAKER CONDUIT
- 25mm CONDUIT FROM POWER SUPPLY TO DOOR MAG

NOTES:

- CATEGORY L1/M DETECTION SYSTEM TO BE INSTALLED IN ACCORDANCE WITH SANS 10139 BY A SAQCC REGISTERED SPECIALIST WITH VOICE EVACUATION THROUGHOUT
- 220VAC ISOLATOR REQUIRED AT FIRE PANEL POSITIONS
- ALL CONDUITS TO BE BOSAL SURFACE WORKS 25mm PVC WITH STEEL SADDLES AT 500mm APART (CONDUITS BY ELECTRICAL ENGINEER)
- REFUGE CONDUITS DIRECT TO RISER
- ALL BGU's TO BE AT 1200mm AFFL
- ALL DETECTORS TO BE SPACED AT LEAST 500mm FROM WALLS OR BEAMS

- ELECTRICAL NOTES -

- ARCHITECT -

SVA
LEAD BUILD DESIGN

ARCH. REV: - | A

CESA
CLAASSEN AURET (PTY) LTD.
CONSULTING ENGINEERS
8 HANDEL ROAD
ORMONDE
2091
TEL: 011 496 3101
1 HAWSTON ROAD
MILNERTON
7441
TEL: 021 555 0940

FOR TENDER

- PROJECT -

SANSA

SOUTH AFRICAN NATIONAL SPACE AGENCY

APPROVED:	H.M	PLOT DATE:	08/20/24
CHECKED:	F.L	SCALE:	1 : 100
DESIGNED:	F.L	DRIVE:	
DRAWN:	S.P	FILE:	SANSA

- DRAWING DESCRIPTION -

Fire Detection Wireway Layout

- DRAWING NUMBER -

PROJECT #	COMPANY	DISCIPLINE & TYPE	SUB DISCIPLINE & NUMBER	REV
SMFN-CAI	EE	DR	009_01	TD1