

LEGEND				
NO	SYMBOL	DESCRIPTION	TYPE	QTY
1		CEILING MOUNTED ANALOGUE ADDRESSABLE OPTICAL SMOKE DETECTOR MOUNTED ON Ø65mm DRAWBOX	BOSCH FAP-0420 OR SIMILAR APPROVED	21
2		ANALOGUE ADDRESSABLE ZONE, 2-4 LOOP EXPANDABLE CONTROL PANEL WALL MOUNTED @ 1200 AFFL. WITH 2 LOOP EXPANDER. COMPLETE WITH SUITABLE BACK-UP POWER SUPPLY ON Ø65mm RECESSED DRAWBOX / TRAY	BOSCH FPA-1200-C(127/LOOP) OR SIMILAR APPROVED	1
3		CEILING VOID MOUNTED ANALOGUE ADDRESSABLE OPTICAL SMOKE DETECTOR MOUNTED ON Ø65mm DRAWBOX	BOSCH FAP-0420 OR SIMILAR APPROVED	3
4		CEILING MOUNTED ANALOGUE ADDRESSABLE HEAT / TEMPERATURE DETECTOR, MOUNTED ON Ø65mm DRAWBOX	BOSCH FAH-T-420 OR SIMILAR APPROVED	1
5		CEILING MOUNTED COMBINATION OF SIREN & BEACON. MINIMUM OUTPUT LEVEL 93dB. COLOUR RED	BOSCH FNM-420-A-B-S-RD OR SIMILAR APPROVED	6
6		WALL MOUNTED MANUAL CALL POINT 'BREAK-GLASS' TYPE WITH ISOLATOR. FITTED WITH RESETTABLE LENS. SURFACE MOUNTED @ 1200mm AFFL. COLOUR: RED	BOSCH FMC420RW-GSRRD OR SIMILAR APPROVED	6



FIRE DETECTION LAYOUT

1:250

- GENERAL NOTES
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL, MECHANICAL & ELECTRICAL DRAWINGS.
 - INSTALLATION SHALL BE ACCORDING WITH RELEVANT SABS SPECIFICATIONS AND IN PARTICULAR SANS 10142-1, THE WIRING OF PREMISES.
 - SYMBOLS ON THIS DRAWING ARE NOT A TRUE REFLECTION OF SIZE OF ITEM/EQUIPMENT INTENDED, BUT MERELY A GRAPHICAL PRESENTATION.
 - THE SYSTEM IS DESIGNED TO CATEGORY L1 - (PROTECTION OF LIFE AS PER SANS 10139).
 - ALL EQUIPMENT SHALL BE WIRED IN "STYLE A" RING CIRCUIT TOPOLOGY.
 - DRAWBOXES TO BE FITTED WITH ANTI-TEMPER SWITCHES.
 - Ø65mm JUNCTION BOXES, 50mm DEEP TO BE INSTALLED AT EVERY CORNER / JUNCTION OF TWO CONDUITS.

REVISIONS			
No.	DESCRIPTION	DATE	DRAWN

CLIENT:
OMAHEKE REGIONAL COUNCIL

PROJECT TITLE
CONSTRUCTION OF THE OVAMBANDERU TRADITIONAL AUTHORITY COURT AT EPUKIRO POS 3

PROJECT MANAGER

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FOR TENDER PURPOSE ONLY

DRAWING TITLE
FIRE DETECTION LAYOUT

DRAWN	PN	CHECKED	PN
SCALE:	As Shown	DATE	25 MARCH 2026
DRAWING NUMBER	Cad Ref	REV 1	SIZE:
001			A1