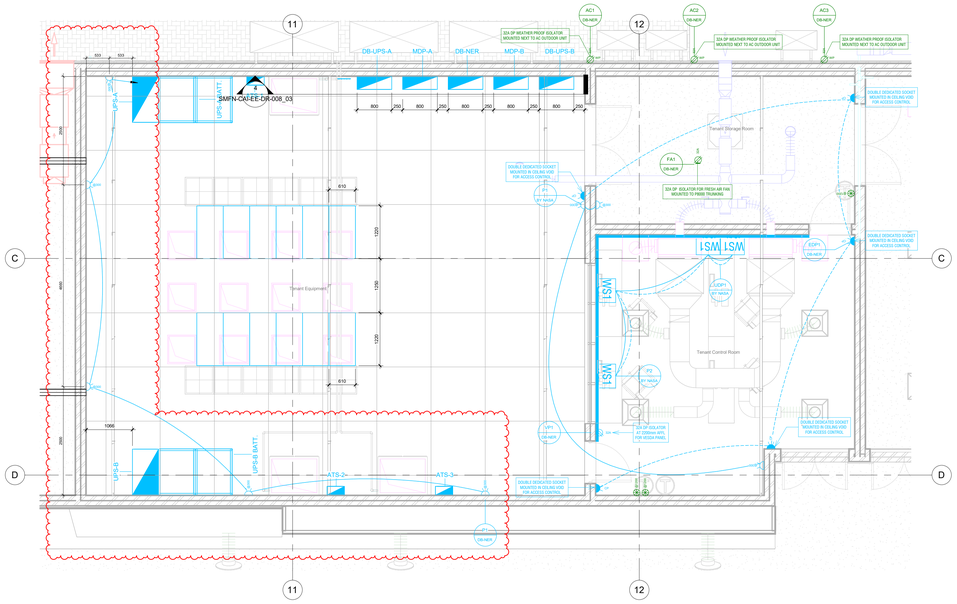
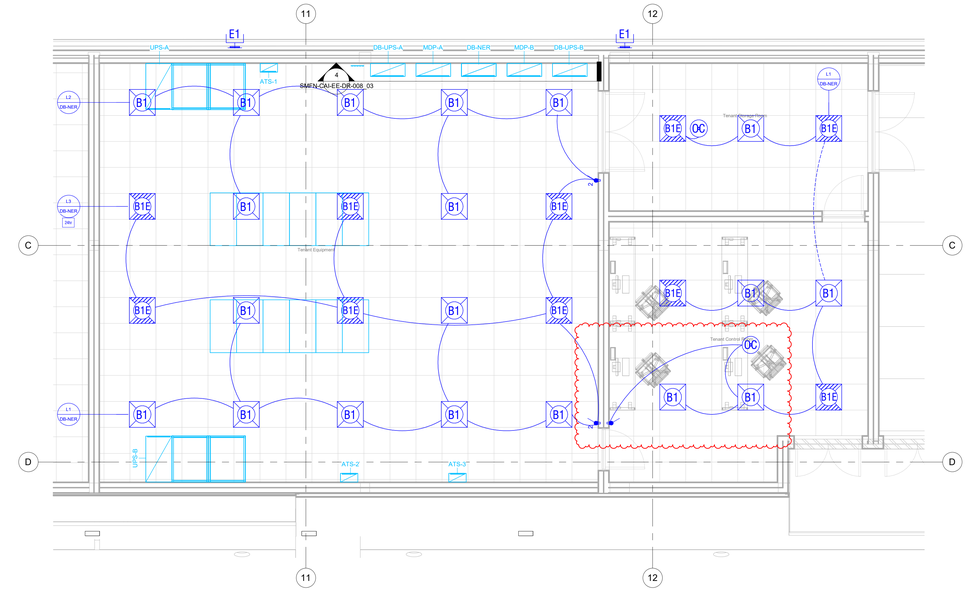
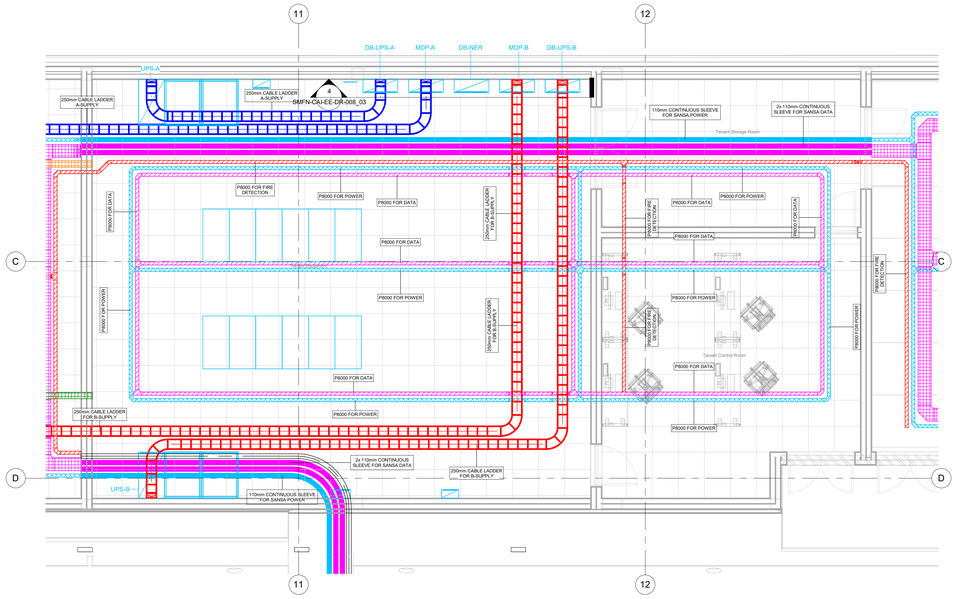


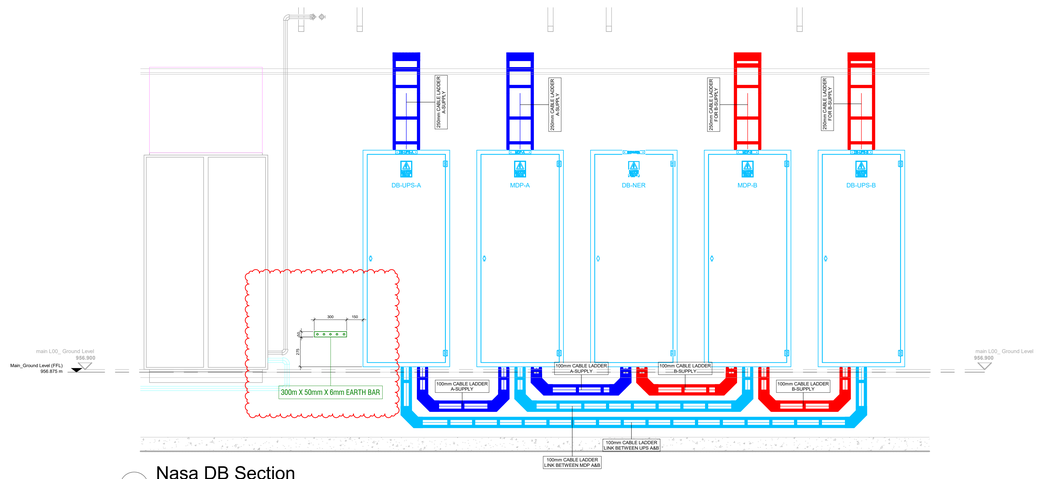
1 NASA Small Power Layout
1 : 50



2 NASA Lighting Layout
1 : 50



3 NASA Ceiling Cable Trays & Trunking Layout
1 : 50



4 Nasa DB Section
1 : 20

A0

FOR TENDER

- REVISIONS -

REV	DATE	DESCRIPTION	SIGN
A	2024-11-08	ISSUED FOR INFORMATION	S.P
TD	2024-12-11	ISSUED FOR TENDER	S.P
TD1	2025-02-10	ISSUED FOR TENDER	S.P

- LEGEND -

POWER & DATA LEGEND:

- WS1: WORKSTATION 1 ON POWERSKIRTING WITH: 2x DEDICATED SSO(UPS) 1x SANS164-2 NEW RSA 3-PIN 1x DATA
- WS2: WORKSTATION 1 ON POWERSKIRTING WITH: 1x DEDICATED SSO 1x 16A 3-PIN SSO(NORMAL) 1x SANS164-2 NEW RSA 3-PIN 1x DATA
- FB-1: FLOOR BOX 1 WITH: 2x DEDICATED SSO(UPS) 1x SANS164-2 NEW RSA 3-PIN 1x DATA
- FB-2: FLOOR BOX 2 WITH: 1x DEDICATED SSO(UPS) 1x SANS164-2 NEW RSA 3-PIN 1x DATA
- TV POINT A: 1x DEDICATED SSO 1x BLANK 4X4 BOX 1x DATA
- 1x 16A 3-PIN SSO(NORMAL) 1x SANS164-2 NEW RSA 3-PIN MOUNTED ON POWERSKIRTING
- COMBO SOCKET 1x 16A 3-PIN 1x SANS164-2 NEW RSA 3-PIN 2x USB OUTLETS REFER TO PLAN FOR HEIGHTS
- NEW SANS 164-1 PLUGS INCLUSIVE OF 3-PIN PLUG (SANS 164-1) REFER TO PLAN FOR HEIGHTS
- WEATHER PROOF SWITCHED SOCKET REFER TO PLAN FOR HEIGHTS
- DOUBLE DEDICATED SOCKET REFER TO PLAN FOR HEIGHTS
- DATA POINT REFER TO PLAN FOR HEIGHTS
- DOUBLE POLE ISOLATOR REFER TO PLAN FOR HEIGHTS
- TRIPLE POLE ISOLATOR REFER TO PLAN FOR HEIGHTS
- 5-PIN WELDING SOCKET MALE CONNECTION TO BE INCLUDED REFER TO PLAN FOR HEIGHTS
- TWO-TIER POWER SKIRTING REFER TO PLAN FOR HEIGHTS

CABLE TRAYS & TRUNKING LEGEND:

- CABLE LADDER
- CABLE LADDER IN ACCESS FLOOR
- CABLE LADDER FOR A-SUPPLY
- CABLE LADDER FOR B-SUPPLY
- P8000/P9000 FOR POWER
- P8000/P9000 FOR DATA/FIBRE
- WIREMESH FOR DATA/FIBRE
- WIREMESH FOR DATA/FIBRE A-ROUTE
- WIREMESH FOR DATA/FIBRE B-ROUTE

MECHANICAL POWER LEGEND:

- DOUBLE POLE ISOLATOR FOR MECHANICAL SERVICES REFER TO PLAN FOR HEIGHTS
- TRIPLE POLE ISOLATOR FOR MECHANICAL SERVICES REFER TO PLAN FOR HEIGHTS
- 4x4 BOX FOR MECHANICAL EQUIPMENT REFER TO PLAN FOR HEIGHTS

LIGHTING LEGEND:

- B1: LIGHT FITTING TYPE B1 600X600 LED FITTING 36W PRISM BACKLIT **4000K**
- B1E: LIGHT FITTING TYPE B1E 600X600 LED FITTING 36W PRISM BACKLIT **4000K** WITH BATTERY BACK-UP
- OC: OCCUPANCY SENSOR
- SINGLE LEVER LIGHT SWITCH
- 2: TWO WAY LIGHT SWITCH

- 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

sansa
SOUTH AFRICAN NATIONAL SPACE AGENCY

APPROVED:	H.M	PLOT DATE:	11/04/24
CHECKED:	F.L	SCALE:	As indicated
DESIGNED:	F.L	DRIVE:	Hawston Docs_SVA\02 Mapleminster\SMFN-CAI-EE-MD.rvt
DRAWN:	S.P	FILE:	SANSA

- DRAWING DESCRIPTION -

NASA Electrical Layouts

- DRAWING NUMBER -

PROJECT # | ORIGINATOR | DISCIPLINE | TYPE | SEQUENCE NUMBER
SMFN-CAI-EE-DR-008_03 | TD1