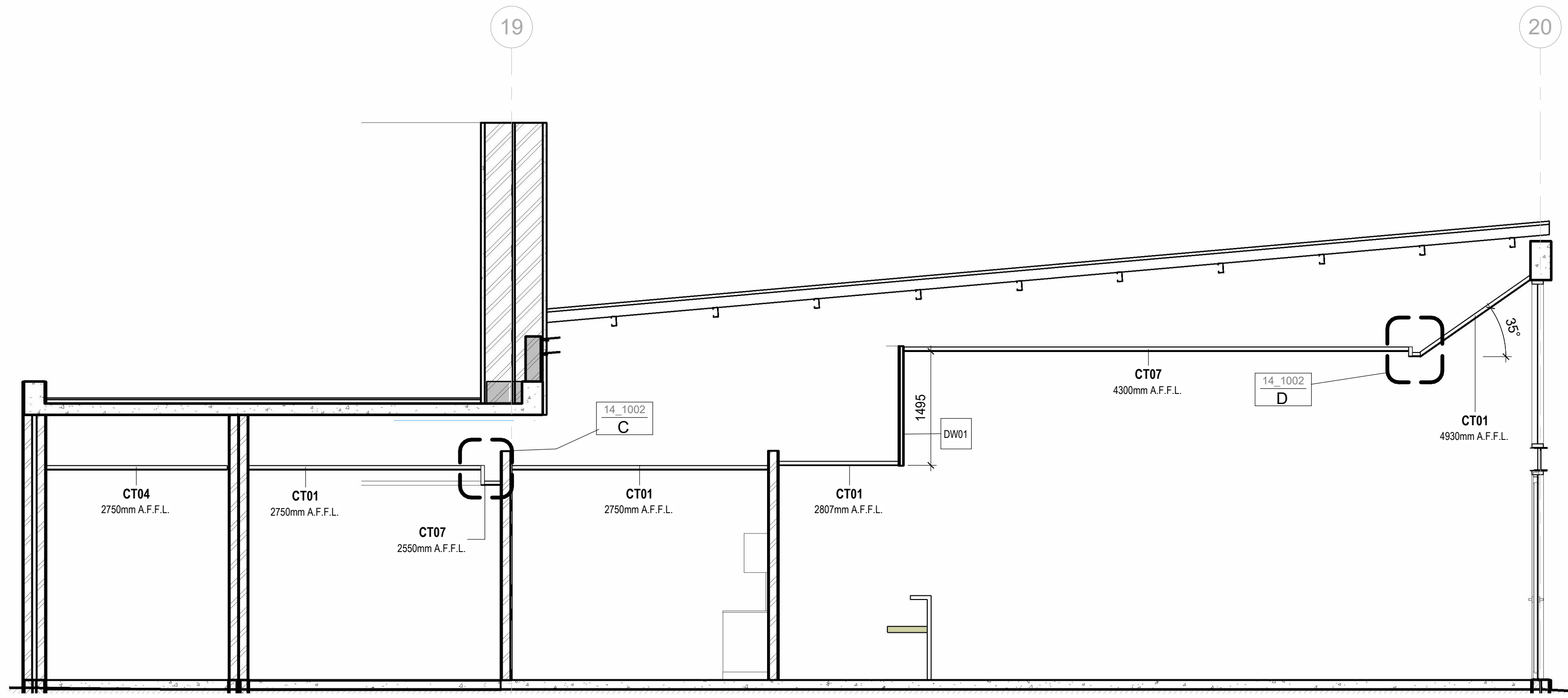
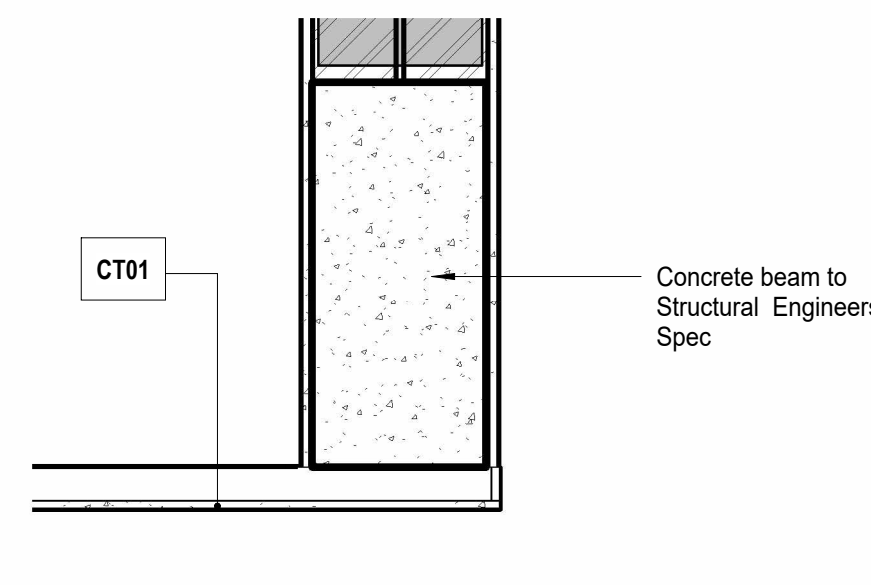


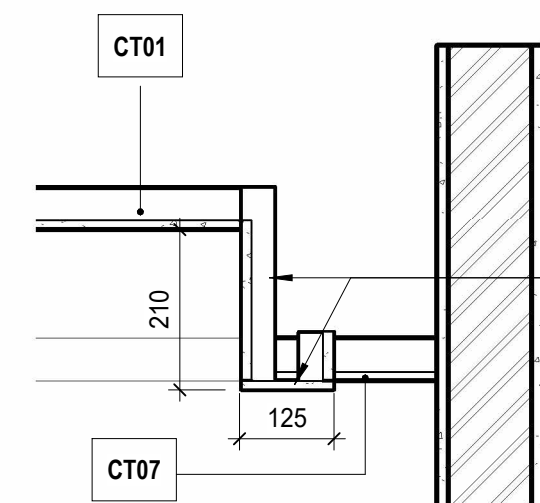
1 B. Gatehouse Building - Reflected Ceiling Plan
1 : 100



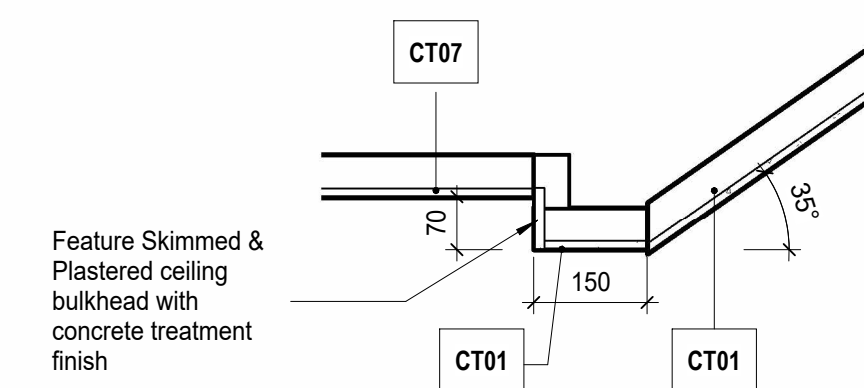
A Section A
1 : 50



B Section B
1 : 10



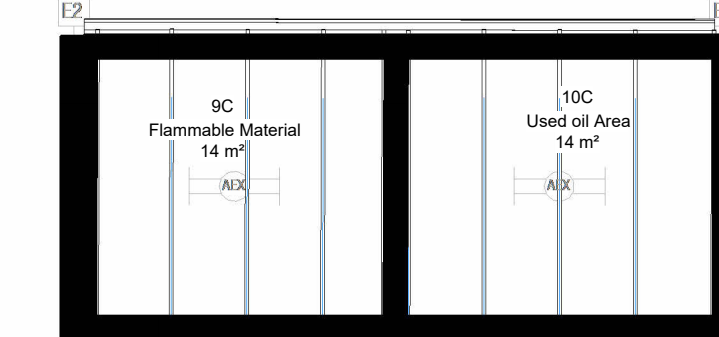
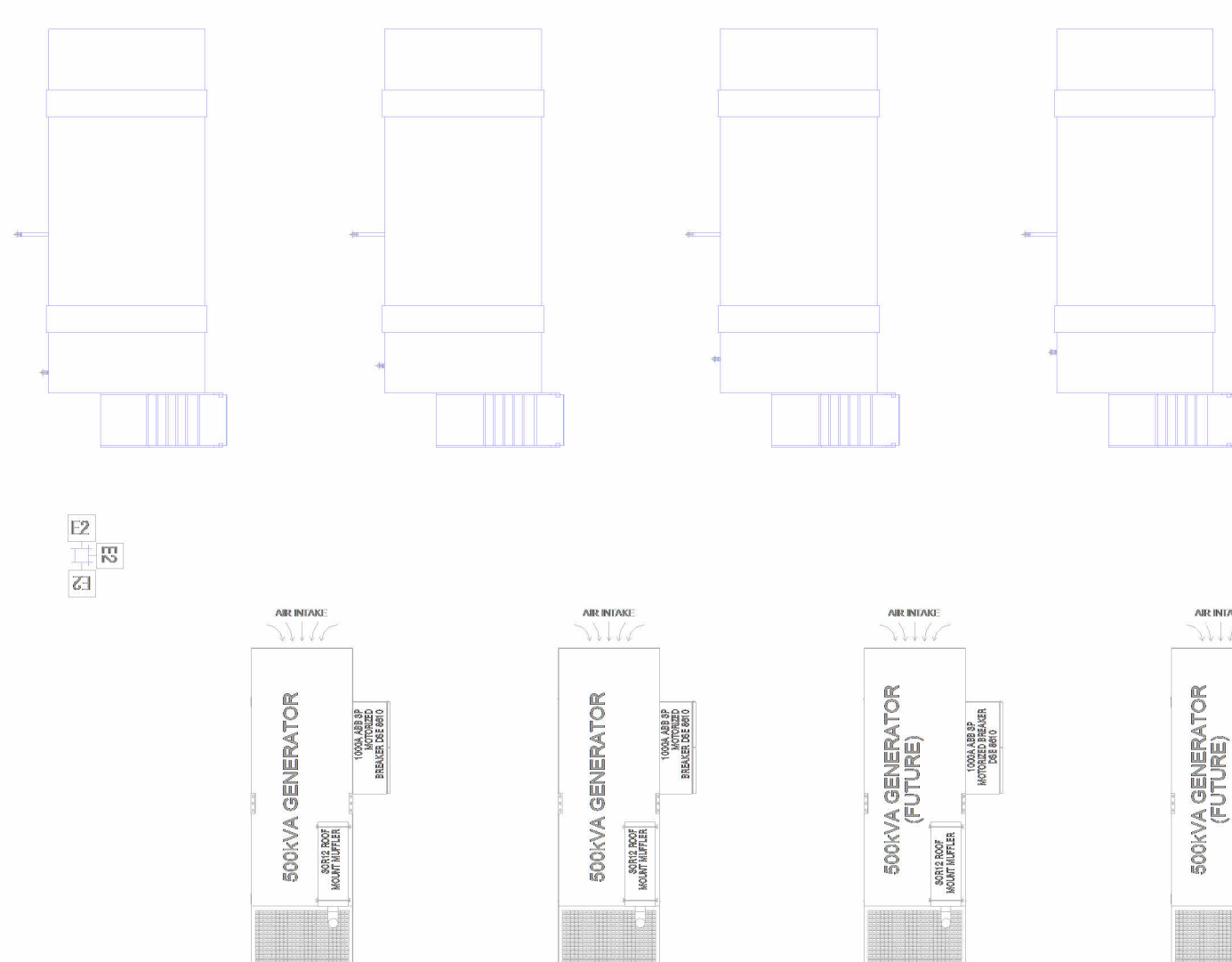
C Detail - C
1 : 10



D Detail - D
1 : 10



2 C. Generator Building - Reflected Ceiling Plan
1 : 100



MECHANICAL LEGEND			
	SUPPLY AIR DUCTING		RETURN AIR DUCTING
	EXHAUST AIR DUCTING		REFRIGERANT PIPING
	CONDENSATE PIPING		CHILLED WATER SUPPLY PIPING
	CHILLED WATER RETURN PIPING		UPVC CONDENSATE DRAIN
	WIRED WALL MOUNTED A/C CONTROLLER (205 CONDUIT AND DRAWBOX 1000W BY SITE ELECTRICIAN)		CO ₂ SENSOR
	CO ₂ SENSOR		DOOR DRILL 400x250, UNLESS OTHERWISE SPECIFIED, SUPPLIED BY A/C CONTRACTOR, INSTALLED BY BUILDER
	BD		CANVAS COLLAR
	FD		FUSIBLE LINK FIRE DAMPER
	MD		MOTORISED FIRE DAMPER
	NRD		NON-RETURN/BACKDRAFT DAMPER
			MANUAL BUTTERFLY DAMPER

MECHANICAL LEGEND			
	LIGHT FITTING TYPE A	VAPOR PROOF FITTING 40W, 4000K	
	LIGHT FITTING TYPE AE	VAPOR PROOF FITTING 40W, 4000K WITH BATTERY BACK-UP	
	LIGHT FITTING TYPE AEX	VAPOR PROOF FITTING 30W, ZONE 1 EX, 1200mm 4000K, INTRINSICALLY SAFE FITTING	
	LIGHT FITTING TYPE B1	6000K LED FITTING 30W PNISM BACKLIT 4000K	
	LIGHT FITTING TYPE B1E	6000K LED FITTING 30W PNISM BACKLIT 4000K WITH BATTERY BACK-UP	
	LIGHT FITTING TYPE C1	GU10 LED DOWNLIGHT SW, 3000K	
	LIGHT FITTING TYPE C1E	GU10 LED DOWNLIGHT SW, 3000K WITH BATTERY BACK-UP	
	LIGHT FITTING TYPE C2	GU10 LED DOWNLIGHT SW, 4000K	
	LIGHT FITTING TYPE C2E	GU10 LED DOWNLIGHT SW, 4000K WITH BATTERY BACK-UP	
	LIGHT FITTING TYPE C3	GU10 LED DOWNLIGHT SW, 4000K	
	LIGHT FITTING TYPE C3E	GU10 LED DOWNLIGHT SW, 4000K WITH BATTERY BACK-UP	
	LIGHT FITTING TYPE C4	DIFFUSED LED DOWNLIGHT 18W, 4000K	
	LIGHT FITTING TYPE C4E	DIFFUSED LED DOWNLIGHT 18W, 4000K WITH BATTERY BACK-UP	
	LIGHT FITTING TYPE D1	LED LINEAR FITTING, 3000K	
	LIGHT FITTING TYPE D1E	LED LINEAR FITTING, 3000K WITH BATTERY BACK-UP	
	LIGHT FITTING TYPE D2	LED LINEAR FITTING, 4000K	
	LIGHT FITTING TYPE D2E	LED LINEAR FITTING, 4000K WITH BATTERY BACK-UP	
	LIGHT FITTING TYPE E1	FOOT LIGHT 15W, 4000K	
	LIGHT FITTING TYPE E2	100W FLOOD LIGHT, 4000K, RL330	
	LIGHT FITTING TYPE E3	13W LED BULKHEAD, 4000K	
	LIGHT FITTING TYPE F1	ROLL-UP LIGHT, 3000K	
	LIGHT FITTING TYPE F1E	ROLL-UP LIGHT, 3000K WITH BATTERY BACK-UP	
	LIGHT FITTING TYPE F2	ROLL-UP LIGHT, 4000K	
	LIGHT FITTING TYPE F2E	ROLL-UP LIGHT, 4000K WITH BATTERY BACK-UP	
	LIGHT FITTING TYPE T1	GU10 LED TRACK SPOT LIGHT SW, 3000K	
	LIGHT FITTING TYPE T2	GU10 LED TRACK SPOT LIGHT SW, 4000K	
	LIGHT FITTING TYPE TE	EMERGENCY TRACK SPOT LIGHT SW, 4000K	
	BLACK TRACK FOR TRACK SPOTS		
	LED STRIP LIGHT, 3000K		
	LED STRIP LIGHT, 4000K		
	OCCUPANCY SENSOR		

NOTES

- The design on this drawing is copyright and remains the property of SVA International (Pty) Ltd. Reg. No. 2011/172580/07
- Work is to be carried out in accordance with local authority requirements, National Building Regulations, and the S.A.B.S. standards.
- The drawing may not be scaled. Only figured dimensions and levels may be used.
- All relevant details, levels, and dimensions must be checked on site before commencement of work. Any discrepancies to be reported to the Architects office immediately.

REVISIONS

Rev	Date	Issued by	Description
A	2024-11-04	For Tender	
B	2024-11-18	For Tender	
C	2024-11-28	For Tender	
D	2025-01-30	For Tender	

Ceiling Legend to be read in conjunction with Finishes Schedule

CEILING LEGEND	
	Feature Plasterboard Ceiling Concrete Treatment - Refer to Finish specification document (Reception, Bulkheads in Street, Boardroom, Operations Rooms, & Passages)
	Feature Moisture Resistant Plasterboard Ceiling Concrete Treatment - Refer to Finish specification document (Ablutions)
	Plasterboard Ceiling Skimmed and Painted - Refer to Finish specification document (Bedroom Pods)
	Moisture Resistant Plasterboard Ceiling Skimmed & Painted - Refer to Finish specification document (Kitchen, & Showers)
	Notes Exterior Ceiling Concrete Treatment - Refer to Finish specification document (Exterior Walls by Ablution Windows)
	MINERAL A HIGH PERFORMANCE ACOUSTIC CEILING TILE Lay-in Grid Ceiling Color: White (Refer to detail room data document)
	MINERAL A HIGH PERFORMANCE ACOUSTIC CEILING TILE Lay-in Grid Ceiling Color: White Ceiling grid: 24 mm face (Auditorium, Boardroom, Reception, Operations Rooms)
	Exposure Solo Baffle Suspended with wire Size: 1800 x 600mm (Auditorium)
	Exposed Polycarbonate Roof Sheeting SAPPHIRE SUNGLASS (Suntint 10000) Size: 1800 x 600mm (Internal Street, & Skylights)
	Exposed Roof Insulation & Roof Structure (Painted - Refer to Finishes Schedule)
	Laminated Timber Pergola Size: 220 x 70mm (Painted - Refer to Finishes Schedule)

Key Plan:

Signatures:
Engineer: _____
Architect: _____

FOR TENDER

CONSULTANTS

Project Manager: _____

Quantity Surveyor: _____

Structural Engineer: _____

Civil Engineer: _____

Mechanical Engineer: _____

Electrical Engineer: _____

Water & Fire Services Engineer: _____

Interior Designer: _____

Landscape Architect: _____

Lighting Specialist: _____

Client: _____

SANSA
SOUTH AFRICAN NATIONAL SPACE AGENCY

Project: **SANSA - Matjiesfontein**

Drawing: **Reflected Ceiling Plans - B. Gatehouse & C. Generator**

Drawing No.	Revision No.
SMFN-SVA-AR-14_1002	D

Project No.	Scale	Size	Date	Drawn
C15415.00	As indicated	A0	2025-01-30	Author

SVA
LEAD BUILD DESIGN

8th Floor, The Link, 19 D.F. Street, Sandton City Centre, Cape Town, 7901
Tel: +27 21 421 4711
email: info@svalbdesign.com

AutoDesk Data: /SANSA Matjiesfontein/SMFN-SVA-AR-14.dwg

06/02/2025 13:52:34

Draw & Time printed: