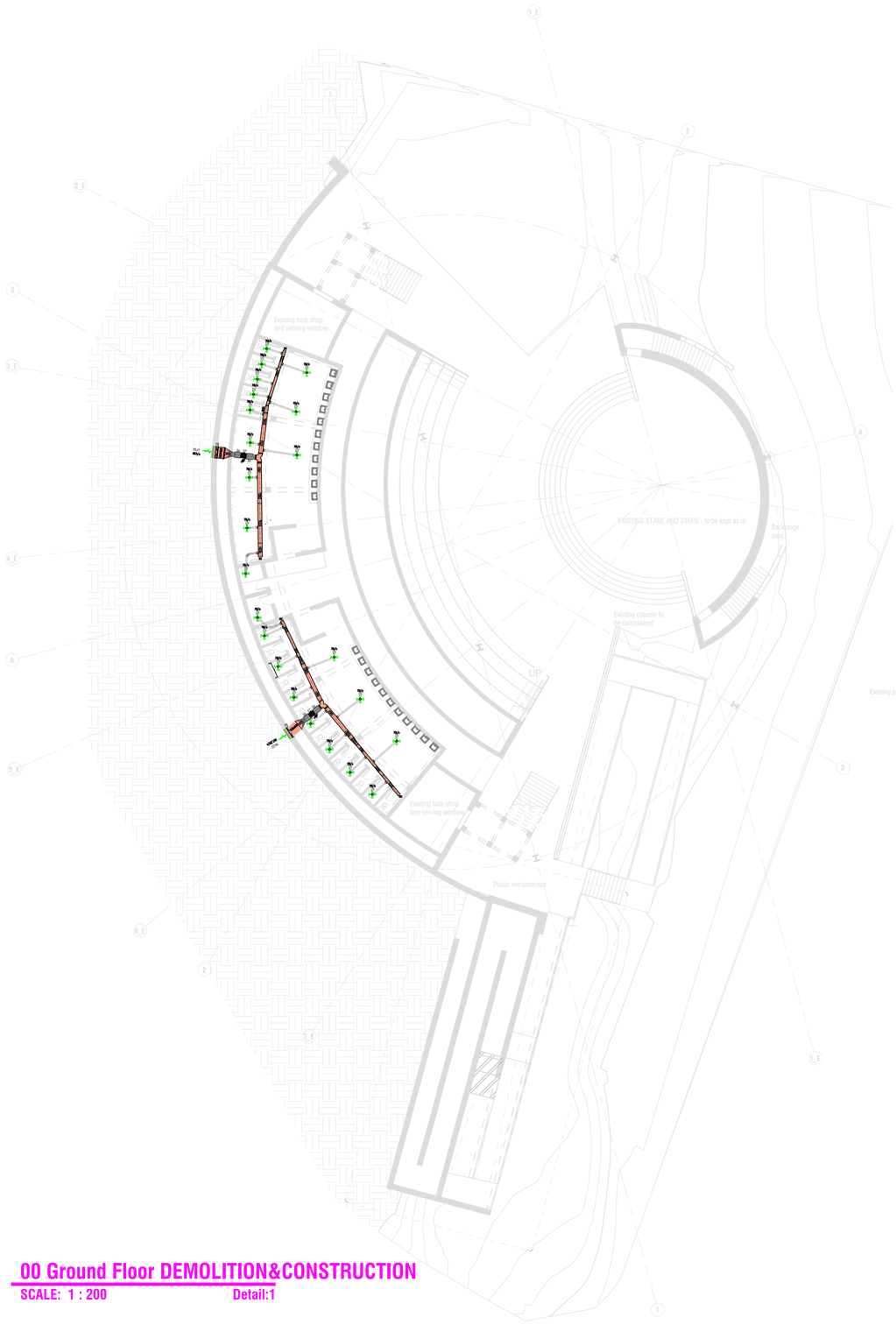

00 Ground Floor DEMOLITION&CONSTRUCTION

SCALE: 1 : 200 Detail:1

WEATHER LOUVRE:

ITEM	DESCRIPTION	QTY	SIZE
WL-01	TROX WEATHER LOUVRE EQUAL OR APPROVED	1	830x830
WL-02	TROX WEATHER LOUVRE EQUAL OR APPROVED	1	830x830

DIFFUSERS & GRILLES:

ITEM	DESCRIPTION	QTY	SIZE
DV	EXTRACT DISC VALVE	23	Ø150

EXTRACTION FANS:

FAN No.		EAF-01	EAF-O2
FAN MODEL No.			
FAN TYPE		IN-LINE	INLINE
QTY		1	1
AREA SERVED		MALE TOILETS	FEMALE TOILETS
SWITCHING / CONTROL INTERLOCK		-	-
DIAMETER/SIZE	(mm)	Ø300	Ø300
AIR QUANTITY EACH	(l/s)	867	867
STATIC PRESSURE	(Pa)	250	250
ROTATIONAL SPEED	(rpm)	1440	1440
MOTOR SIZE	(kW)	0.26	0.26
SOUND ATTENUATORS - SUCTION		YES-POD 1.5D	YES-POD 1.5D
- DISCHARGE		YES-POD 1.5D	YES-POD 1.5D
POWER SUPPLY	(kVA)		
	(VOLT/PHASE/Hz)	230/1ø/50	230/1ø/50

NOTES:
1. ALL FANS TO BE MOUNTED ON GALVANISED UNISTRUT BRACKETS c/w ANTI-VIBRATION PADS.
2. ALL FANS MOUNTED OUTSIDE MUST HAVE WEATHER PROOF ISOLATORS.

NOTES

1) ALL VENTILATION DUCTING SHALL BE UN-INSULATED AND BARE SHEETMETAL SIZES
2) ALL AIRCONDITIONING DUCTING IN THE CEILING VOID TO BE UNSULATED
3) ALL DUCTWORK SIZES INDICATED ON DRAWING ARE SHEETMETAL SIZES
4) ALL DUCTWORK SHALL BE MANUFACTURED IN ACCORDANCE WITH SABS 1238-1979 LOW PRESSURE AND INSTALLED IN ACCORDANCE WITH SABS 0173-1980.
5) ALL OPENINGS THROUGH STRUCTURE AND BRICKWORK FOR AIRCONDITIONING SERVICES SHALL BE PROVIDED BY THE BUILDER.
6) CLOSING-UP AND RENDERING WATERPROOFING AFTER INSTALLATION TO BE BY BUILDER
7) SYSTEM COMMISSIONING SHALL BE IN ACCORDANCE WITH CIBSE CODE-A
8) THE A/C CONTRACTOR SHALL ALLOW FOR THE MAINTENANCE AND GUARANTEE OF THE COMPLETE AIRCONDITIONING INSTALLATION FOR THE PERIOD OF TWELVE MONTHS FROM THE BENEFICIAL USE.
9) ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH SABS 0142-1993 (AS AMMENDED)
10) OUTSIDE REFRIGERANT PIPING TO BE INSTALLED IN SHEETMETAL TRUNKING.
11) THE A/C CONTRACTOR SHALL ALLOW FOR THE REFRIGERANT PIPING, DRAINAGE(TO THE NEAREST POINT) & ELECTRICAL INTER-CONNECTION FROM ISOLATORS PROVIDED BY ELECTRICAL SUB CONTRACTOR, AS SHOWN AND CONTROLS
12) REFRIGERANT SHALL BE R-410A or R-407C AS PER SPECIFICATIONS

No.	Description	Date
A	Issue for Tender	2007029

Official stamp and signature

FOR TENDER

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Client Description / Project Address

Department of Arts and Culture

29°41'50.43"S 30°57'25.9"E
DOCTOR JL DUBE DRIVE
INANDA, KWAZULU NATAL

Page description

MECHANICAL EXTRACTION SYSTEM

Project Number / Project Name

2018-02

JL DUBE ALTERNATIVE

Drawing Number	Revision
T1-MECH-2-A1	A

Date	Drawn	Scale
2020/07/29 18:31:11 PM	MN	1 : 100

Drawn by: VK