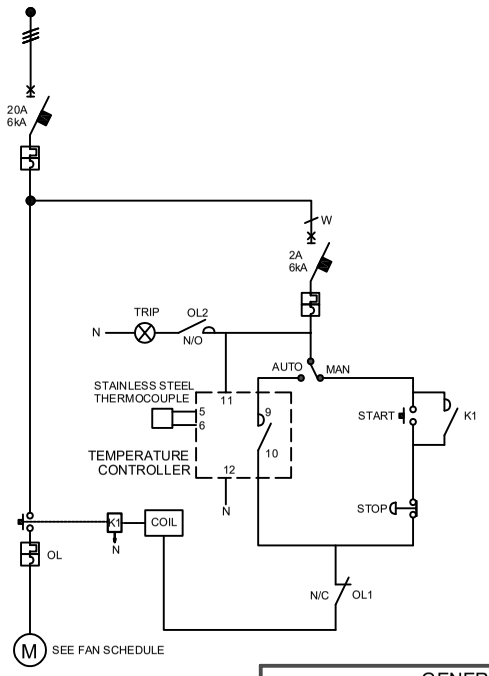
GENERAL NOTES

1. ALL ELECTRICAL INSTALLATION WORK UNDERTAKEN SHALL BE DONE BY A QUALIFIED ELECTRICIAN / MASTER ELECTRICIAN AND A CERTIFICATE OF COMPLIANCE SHALL BE PROVIDED BY THE CONTRACTOR ON COMPLETION OF WORK.

2. ALL WALL OPENINGS SHALL BE PROVIDED BY THE CONTRACTOR FOR THE INSTALLATION OF THE VENTILATION SYSTEM AS SHOWN ON THE DRAWING

VENTILATION DISTRIBUTION BOARD TYPICAL SINGLE LINE DIAGRAM

FED FROM SUBSTATION LOCAL DISTRIBUTION BOARD

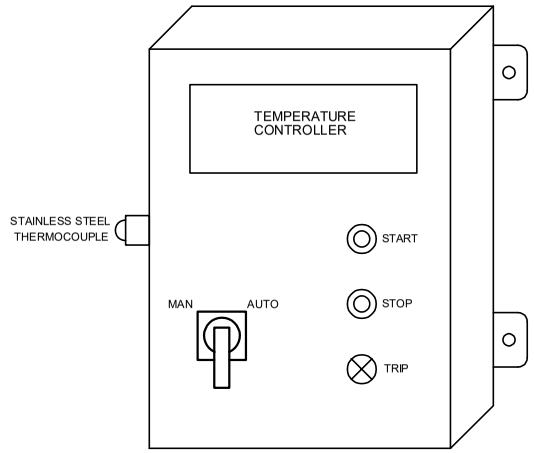


GENERAL NOTES

1. TEMPERATURE CONTROLLER SHALL BE EQUAL OR SIMILAR TO OMRON 35CC-TQX3A5M-003 WITH RS 485 OUTPUT

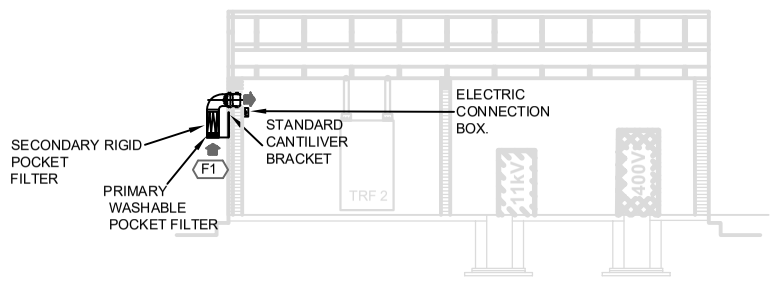
TYPICAL VENTILATION DISTRIBUTION BOARD GENERAL LAYOUT

NTS



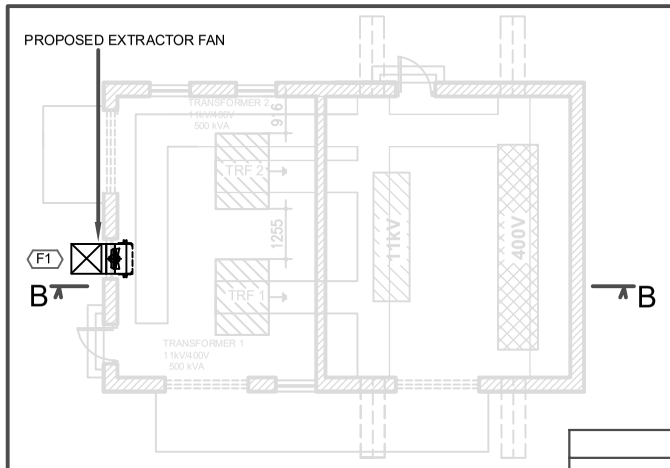
GENERAL NOTES

1. THE DISTRIBUTION BOARD SHALL BE IP45 WALL MOUNTED.
2. PANEL FINISHES : POWDER COATED FRAME AND DOORS - ELECTRIC ORANGE B26
3. CABLE ENTRIES : BOTTOM
5. PANEL MATERIAL TO BE 1.6mm 3CR12 STAINLESS STEEL



SECTION B-B

SCALE 1 : 100



TYPICAL VENTILATION LAYOUT

SCALE 1 : 100

LEGEND

FAN AND FILTER UNIT

WALL MOUNTED FANS SCHEDULE

ITEM	DESCRIPTION
F1	LOCATION : TRANSFORMER ROOM MAKE : CONTRACTORS DESIGN TYPE : FAN AND FILTER UNIT MODEL NUMBER : CONTRACTORS DESIGN INPUT POWER : CONTRACTORS DESIGN POWER SUPPLY : CONTRACTORS DESIGN No. OFF : CONTRACTORS DESIGN CURRENT : CONTRACTORS DESIGN

TNPA APPROVAL	COMMENTS	SIGN	DATE
IMS Manager			
Civil Maintenance Manager K Nontswabu, Pr Techni. Eng			
Electrical Engineering Manager D Reddy, Pr Cert. Eng			01/07/21
Manager: Real Estate Z Zulu			
Environmental Manager L Nyembe			
Risk Manager B Ndaba			
Acting Port Engineer V Mdlalose			01/07/21

APPROVAL DOES NOT INDICATE ACCEPTANCE OF ANY RESPONSIBILITY FOR SAFETY OR ADEQUACY OF STRUCTURES

DRAWING NO.	REFERENCE

REFERENCE DRAWINGS

NOTES :

1. THIS DRAWING FOR EL&P ONLY.
2. A CERTIFICATE OF COMPLIANCE TO BE COMPLETED BY CONTRACTOR ON COMPLETION OF WORK.
3. ALL D.B.'S AND ISOLATORS TO BE CLEARLY LABELLED.

NO.	DESCRIPTION	BY	CHKD	APPD	DATE

REVISIONS

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CONTRACTOR / CONSULTANT			
TITLE	NAME	SIGN	DATE
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OPERATING DIVISIONS			
TITLE	NAME	SIGN	DATE
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TRANSNET CAPITAL PROJECTS			
TITLE	NAME	SIGN	DATE
DRAWN	Z.D		26 11 19
CHECKED	B.M		26 11 19
DESIGNED	Z.D		26 11 19
CHECKED			
.	.		. . .
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.	.		. . .

PrEng / PrTech Eng	
NAME SUDESH SEWDAYAL	DATE
SIGNATURE	30 06 21
REG. NUMBER 200970129	
SCALE : 1:100	A1

Transnet Capital Projects
TRANSNET LTD (TRADING AS TRANSNET CAPITAL PROJECTS) : REG.NO. 1990/000900/06
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P.O. BOX 1073, DURBAN
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FAX: 0866 770815

RICHARDS BAY

ARRIVALS SUBSTATION UPGRADE OF TRANSFORMER VENTILATION LAYOUT

PROJECT NUMBER	BU	FBS	DIS.	TYPE	DRG. NO.	SHT.	REV.	ID
4128234	1	000	E	LA	0004	02	0A	TD