

LEGEND:

SYMBOLS FOR LINE DIAGRAMS	
	CONTACTOR / SOLID SWITCH
	FILTER
	CURRENT LIMITING REACTOR
	CONTROLLER
	CAPACITOR BANK
	TRANSFORMER
	GENERATOR
	VOLTAGE INSTRUMENT TRANSFORMER

TENDER

Rev	Date	Description of changes	By
A	15-07-2020	ISSUED FOR TENDER	AR

REVISIONS

Client



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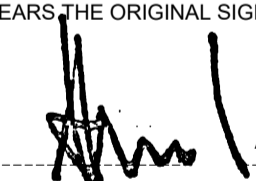
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APPROVED PR NO: 20160051

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 **RINGELMANN** 15-07-2020

SIGNATURE: NAME: DATE:

Project

**CSIR
 POWER FACTOR
 CORRECTION
 893.1/27/11/2019**

Project Description

**11 kV POWER
 FACTOR CORRECTION
 INSTALLATION**


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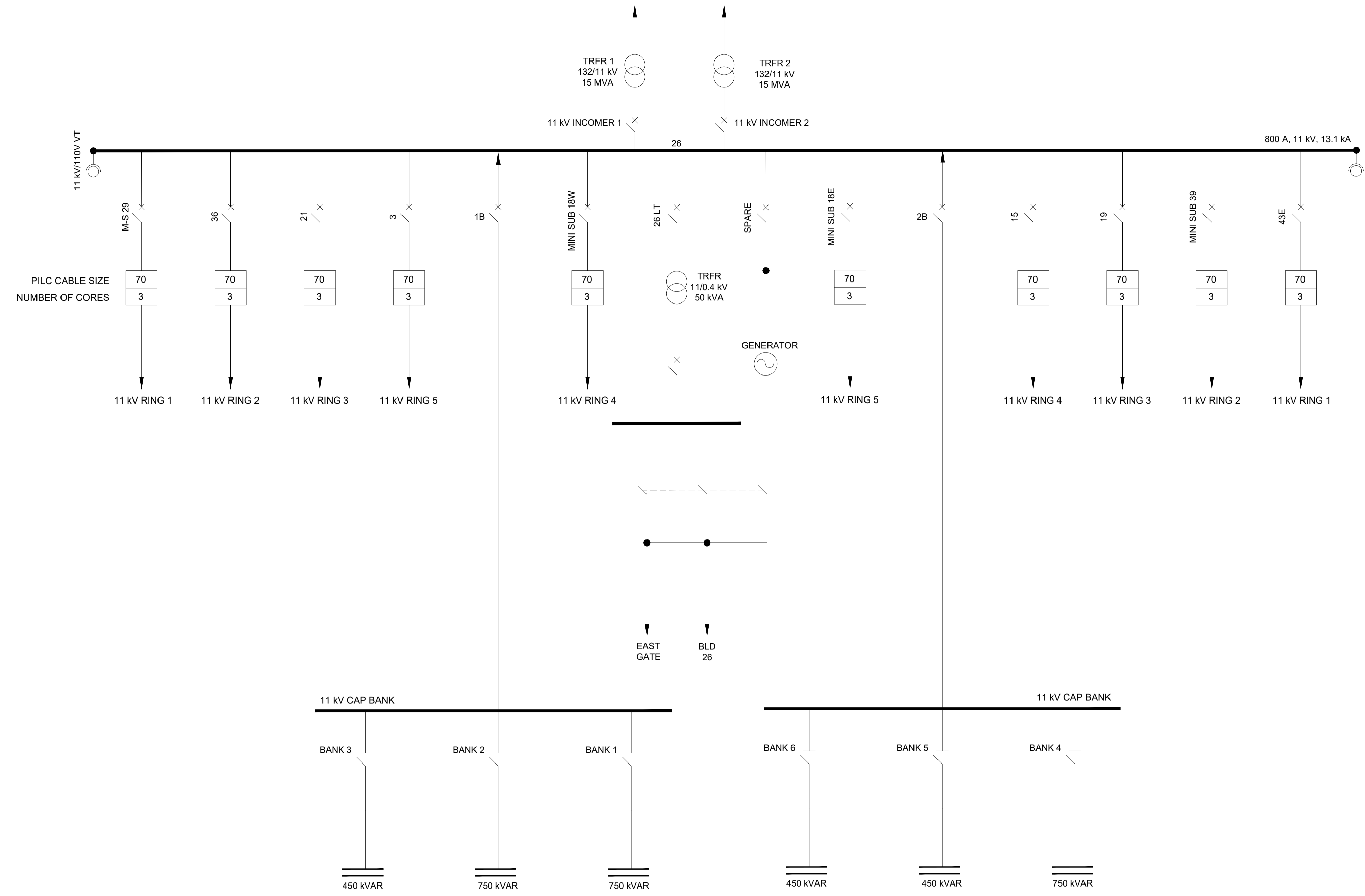
**SINGLE LINE DIAGRAM
 EXISTING INSTALLATION**

Drawing Units	Drawing Size
	A1

Date	Scale	Designed By
JULY 2020	N.T.S	A SMITH

Checked By	Drawn By	Approved By
A SMITH	B NDHLOVU	A RINGELMANN

Drawing No.	Rev
P20018-TN-02-ELE-001	



**SINGLE LINE DIAGRAM
 EXISTING POWER FACTOR CORRECTION INSTALLATION**
 SCALE: N.T.S

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DETAIL DESIGN

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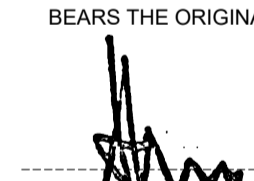
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SIGNATURE: **A RINGELMANN** NAME: DATE: **15-07-2020**

PR NO: 20160051

Project

**CSIR
POWER FACTOR
CORRECTION
893.1/27/11/2019**

Project Description

**CSIR
POWER FACTOR
CORRECTION**

Drawing Title

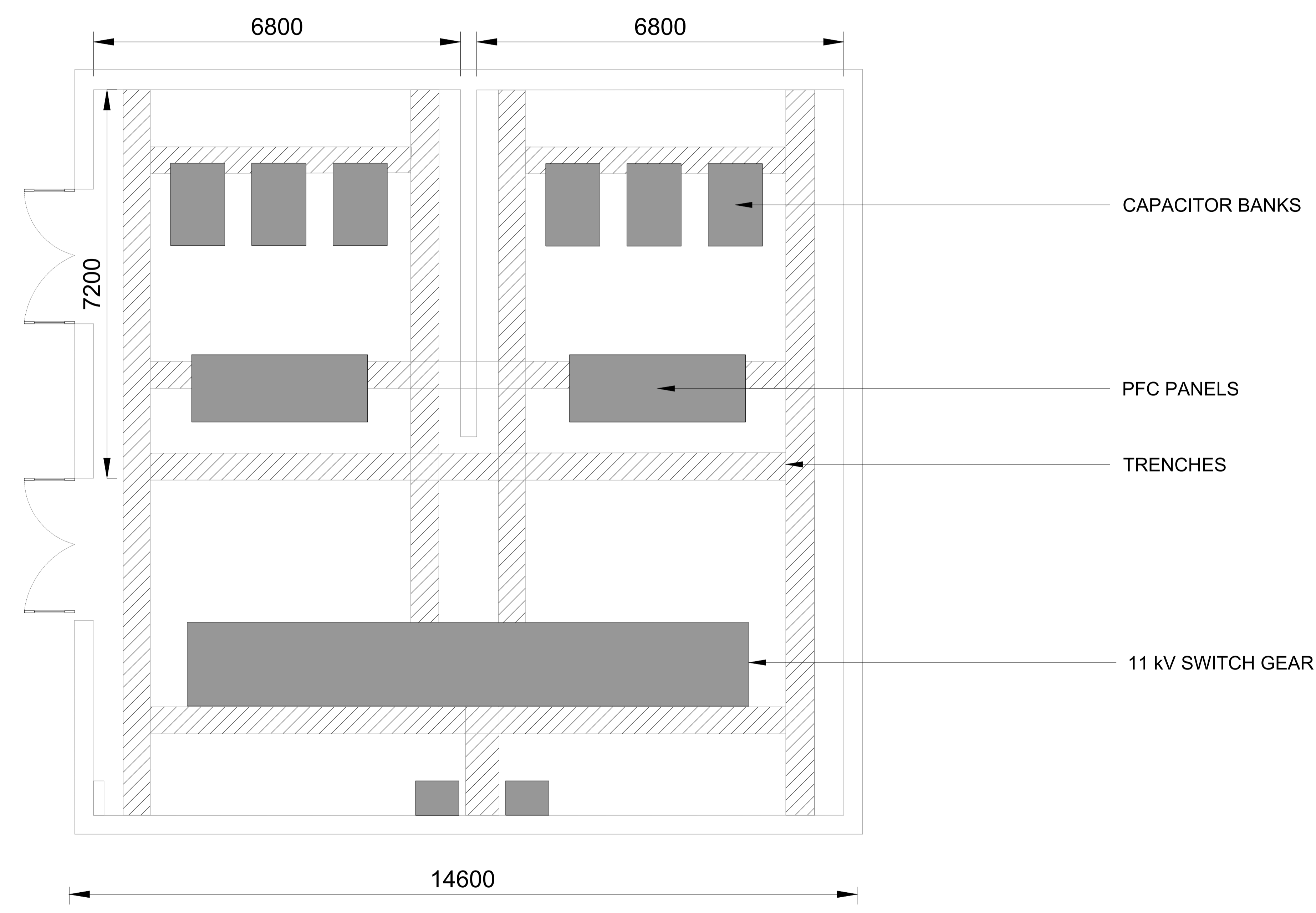
**SUBSTATION 26 PLAN
POWER FACTOR
CORRECTION**

Drawing Units: Drawing Size: A1

Date: JUNE 2020 Scale: 1:50 Designed By: A SMITH

Checked By: A SMITH Drawn By: B NDHLOVU Approved By: A RINGELMANN

Drawing No. P20018-TN-02-ELE-003 Rev **A**



**EXISTING SUBSTATION 26 FLOOR PLAN
POWER FACTOR CORRECTION
SCALE 1:50**



LEGEND:

SYMBOLS FOR LINE DIAGRAMS	
	CONTACTOR / SOLID SWITCH
	FILTER
	CURRENT LIMITING REACTOR
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	CAPACITOR BANK
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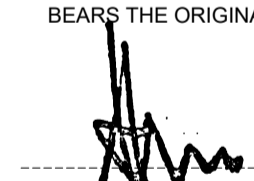
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SIGNATURE: A RINGELMANN NAME: DATE: 15-07-2020

PR NO: 20160051

Project

**CSIR
POWER FACTOR
CORRECTION
893.1/27/11/2019**

Project Description

**11 kV POWER
FACTOR CORRECTION
INSTALLATION**

Drawing Title

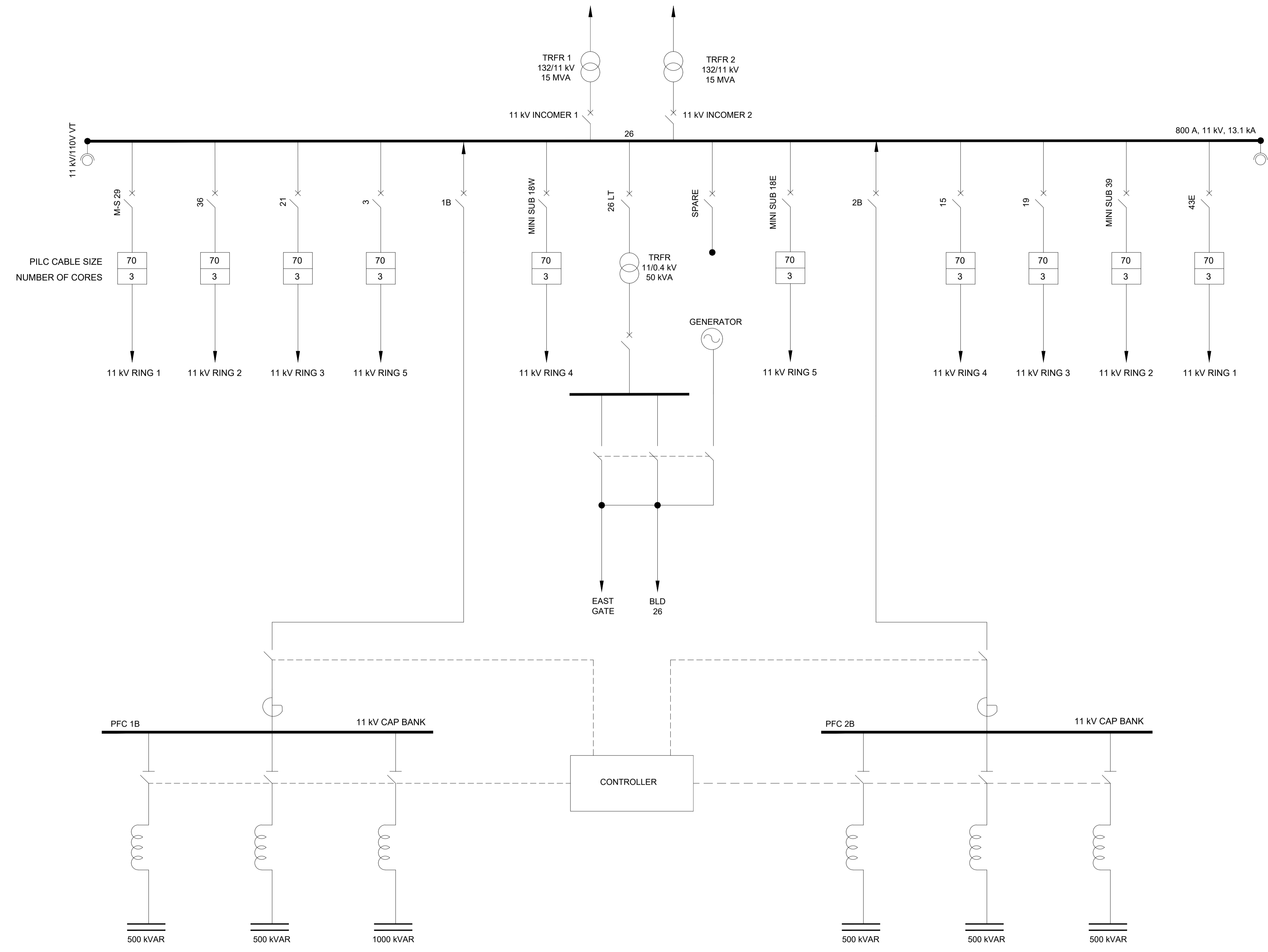
**SINGLE LINE DIAGRAM
PROPOSED INSTALLATION**

Drawing Units	Drawing Size
	A1

Date	Scale	Designed By
JULY 2020	N.T.S	A SMITH

Checked By	Drawn By	Approved By
A SMITH	B NDHLOVU	A RINGELMANN

Drawing No.	Rev
P20018-TN-02-ELE-002	A



**SINGLE LINE DIAGRAM
PROPOSED POWER FACTOR CORRECTION INSTALLATION**
SCALE: N.T.S

TITLE	P20018 CSIR Tender Drawings
FILE NAME	P20018-TN-0...INGS-A1.pdf and 3 others
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STATUS	● Completed

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