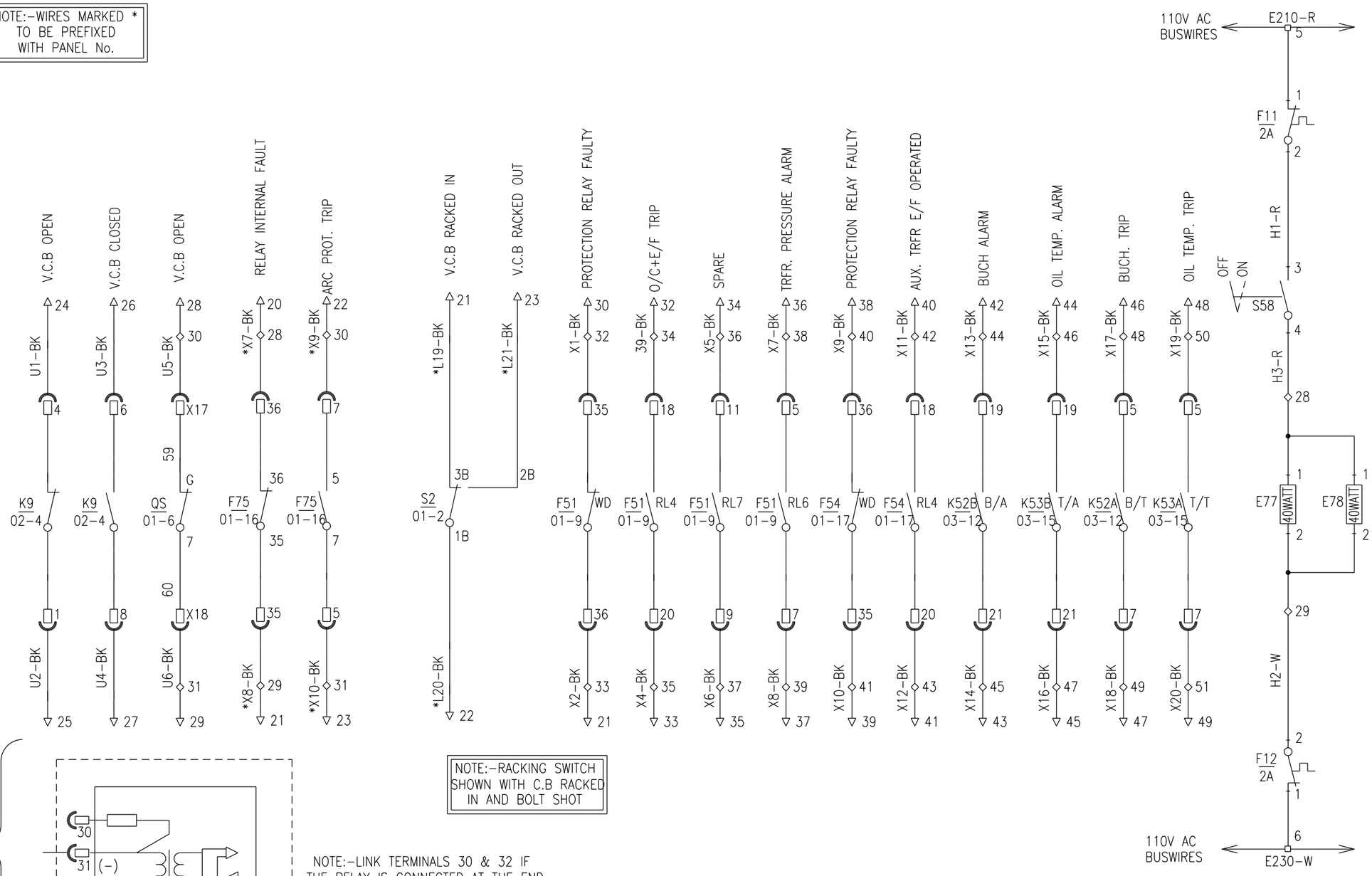
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

NOTE:-WIRES MARKED * TO BE PREFIXED WITH PANEL No.



NOTE:-RACKING SWITCH SHOWN WITH C.B RACKED IN AND BOLT SHOT

NOTE:-LINK TERMINALS 30 & 32 IF THE RELAY IS CONNECTED AT THE END OF THE RS 485 BUS

SPARE AUXILIARY CONTACTS				STATUS SIGNALS	HEATER CIRCUIT
K52- BUCH. TRIP/ALARM RELAY	K53- OIL TEMP. TRIP/ALARM RELAY	E78- 40W BUSBAR CHAMBER HEATER	S58-ON/OFF HEATER SELECTOR SWITCH		
S2-CARRIAGE RACKING SWITCH	QS-V.C.B AUXILIARY CONTACTS	F54- O/C & E/F PROTECTION RELAY	E77- 40W C.T. CHAMBER HEATER		

CLIENT: TRANSNET national ports authority

Client Name:
Designation & Section: ELECTRICAL ENGINEER: PORT ENGINEERING
Client Signature: Project Phase
Date:
Contact No.'s:

No.	DATE	REVISION DETAIL
00	11-12-2020	ORIGINAL
01	27-11-2022	APPROVED FOR CONSTRUCTION (AFC)

Main Contractor:
Stateway Switchboards (Pty) Ltd.
55 Second Road, Linbro Park, Sandton. P.O. Box 1055, Linbro Park 2065. TEL. +27(0) 11 021 7260 FAX. +27(0) 86 503 2258

Main Contractor: STATEWAY SWITCHBOARDS (PTY.) LTD.
ZML Africa Drawing No.: TNPA/2020

Consultant:
Z.M.L Africa Group
Engineering Africa Forward

Site Address:
Sturrock Dry Dock, Cape Town
Building Name:
Combined Pumphouse and Graving Dock Substation
Project Description:
Sturrock Dry Dock Electrical Infrastructure Upgrades: - Sketch Plan
Drawing Description:
Medium Voltage Schematic Diagram-5MVA Transformer Feeder

Drawn:	P.MAZIBUKO	Date:	29/ 07 / 2021
Designer/ Checked:	M.SHEZI	Scale:	AS SHOWN
Approved:	M.SHEZI	Drawing Size:	A3
Prof Reg. No.	20110108	Revision No	01
Signature:		27/11/2022	

Drawing Number: TNPA/2020-000-E-MSCH-0005

Site & Building No.	Floor No.	Discipline & Service Type

Sheet Number	Project Number	Proposal No
006		000