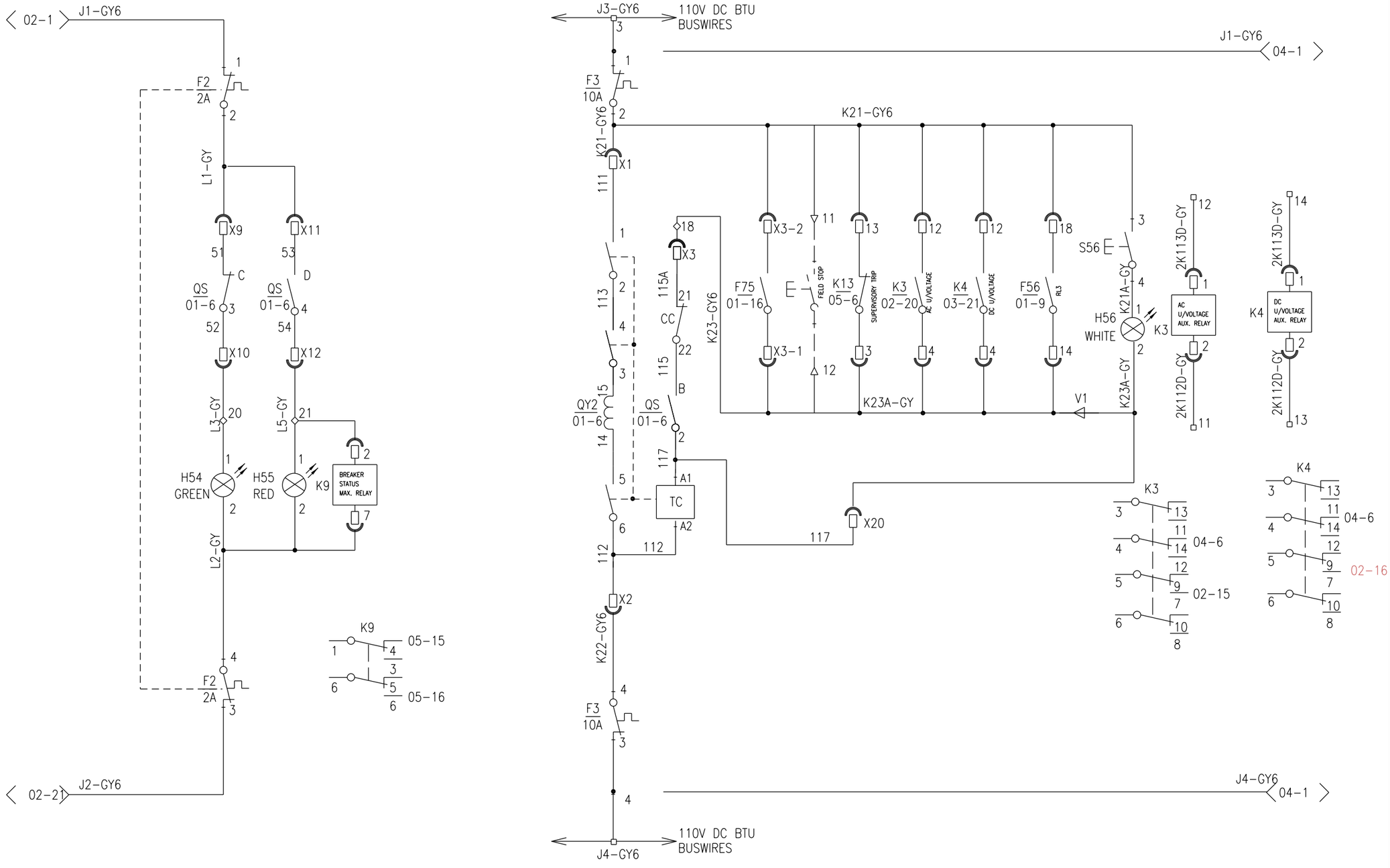


INDICATION CIRCUIT			TRIPPING CIRCUIT(1st SHUNT 110V DC)	
H56-LED IND. LAMP "1st SHUNT TRIP HEALTHY" (WHITE)	K9-BREAKER STATUS AUX. RELAY TYPE FINDER 60.12	V1-BLOCKING DIODE	H55/S56-LED IND. LAMP "1st SHUNT TRIP HEALTHY" (WHITE)	
QY2-110V DC TRIPPING COIL	K3 - AC U/VOLTAGE AUX. RELAY TYPE SMITT D-B	K4 - DC U/VOLTAGE AUX. RELAY TYPE SMITT D-B	H54-LED IND. LAMP "V.C.B. OPEN" (GREEN)	V2-BLOCKING DIODE	R2-RESISTOR
K13,14- SUPERVISORY TRIP/CLOSE AUX. RELAY TYPE SMITT D-B SERIES	K4 - DC U/VOLTAGE AUX. RELAY TYPE FINDER 60.13	F56- MOTOR PROTECTION RELAY	H55-LED IND. LAMP "V.C.B. CLOSED" (RED)	

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-3,3kV Motor 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-0003

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

Sheet Number: 002 | Project Number | Proposal No: 000