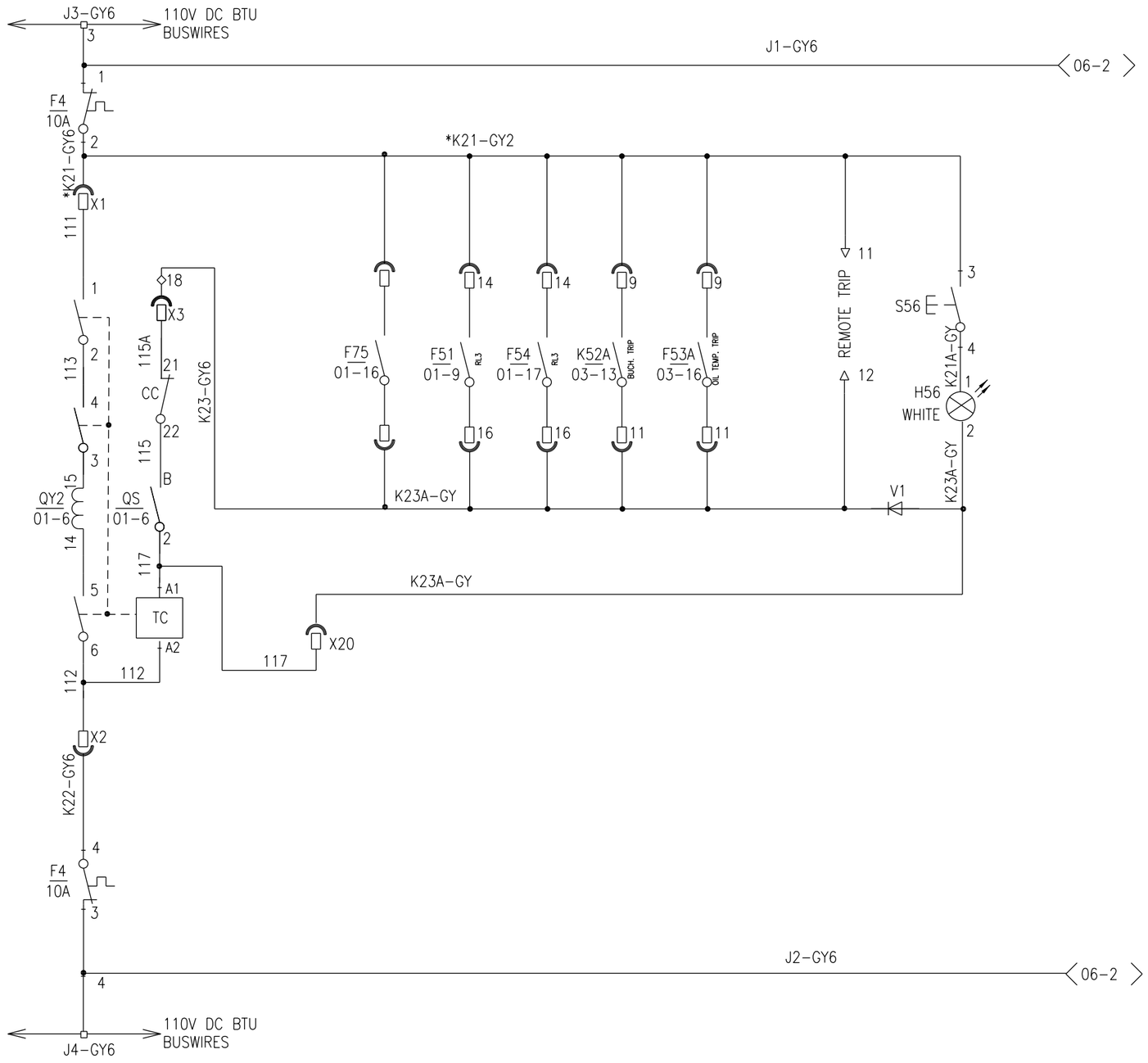


TRIPPING CIRCUIT(1st SHUNT 110V DC)

F51- O/C & E/F PROTECTION RELAY	F54- RESTRICTED E/F PROTECTION RELAY	K52- BUCH. TRIP/ALARM RELAY	K53- OIL TEMP. TRIP/ALARM RELAY	H56/S56-LED IND. LAMP "1st SHUNT TRIP HEALTHY" (WHITE)
QY2-110V DC TRIPPING COIL	CC - 110V DC CLOSING CONTACTOR	V1-BLOCKING DIODE	F75- ARC PROTECTION RELAY	

CLIENT: TRANSNET national ports authority

Client Name:

Designation & Section: ELECTRICAL ENGINEER: PORT ENGINEERING

Client Signature: Project Phase: 0

Date:

Contact No.'s:

No.	DATE	REVISION DETAIL
00	1-12-2020	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
004		000