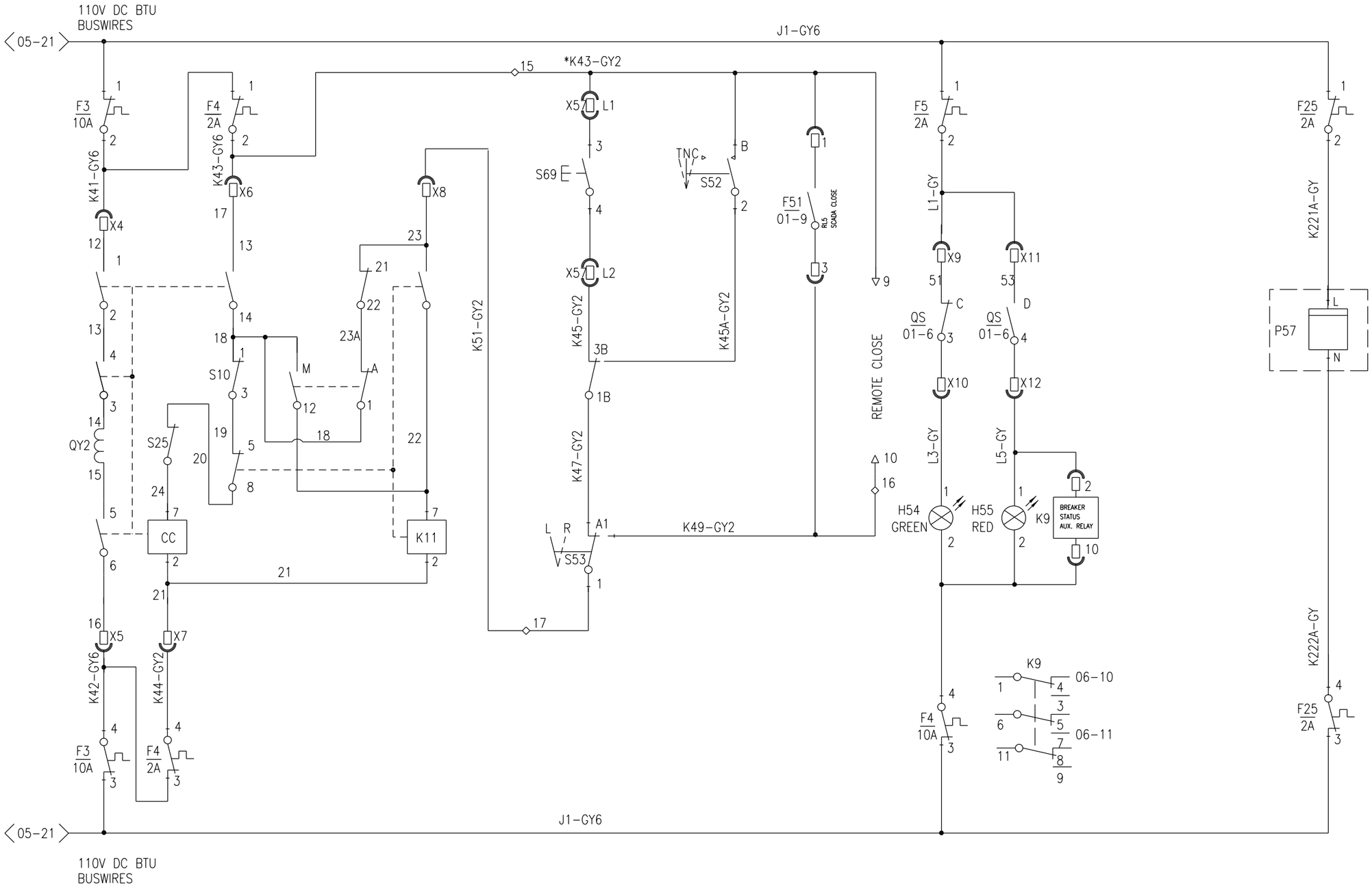


CLOSING CIRCUIT 110V DC		CLOSING CONTROL CIRCUIT 110V DC		INDICATION CIRCUIT 110V	METER POWER SUPPLY
H55-LED IND. LAMP "V.C.B. CLOSED" (RED)	H54-LED IND. LAMP "V.C.B. OPEN" (GREEN)	S25-MANUAL TRIP CUTOUT MICRO SWITCH	K9-BREAKER STATUS AUX. RELAY TYPE FINDER 60.13		
S52-TRIP /NEUTRAL /CLOSE CONTROL SWITCH	S53-LOCAL/REMOTE SELECTOR SWITCH	S10-RACKING INTERLOCK MICRO SWITCH	X57-STAND OFF TRIP/CLOSES SOCKET	S2-CARRIAGE RACKING SWITCH	
QS-V.C.B AUXILIARY CONTACTS	F51- O/C & E/F PROTECTION RELAY	S69-SAFETY CLOSE P/BUTTON	P57-POWER METER		

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, Limbro Park, Sandton. P.O. Box 1055, Limbro 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-3,3 kV Incomer

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-0002

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

Sheet Number	Project Number	Proposal No
005		000