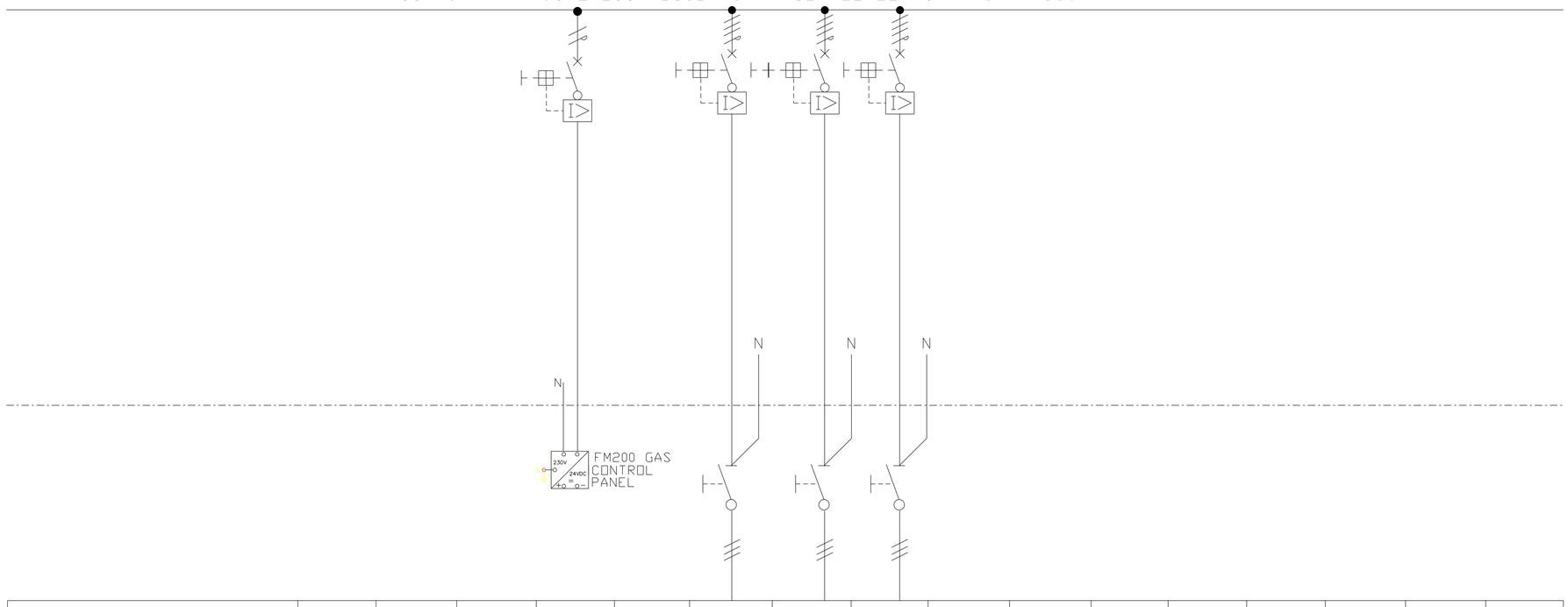
400V 3PH + N 50Hz 200A BUSBARS: FAULT LEVEL 10kA FOR 1 sec.



CIRCUIT No.	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
CIRCUIT DESCRIPTION				FM200 GAS PANEL		EXTR.FAN	EXTR.FAN	EXTR.FAN								
DEVICE RATING (amps)				10		20	20	10								
DEVICE TYPE																
PHASE				B+N		R+W+B+N	R+W+B+N	R+W+B+N								
AREA OR ROOM No.				GAS ROOM AREA		TRANS. ROOM 1	TRANS. ROOM 2	S/GEAR. ROOM 3								
No OF UNITS PER CIRCUIT				1		1		1								
UNIT RATING (VA)				150		7000	7000	1000								
LOADING (kVA)				0.15		7.0	7.0	1.0								
CONDUCT. No x SIZE(mm^2)				2x1,5		4x4	4x4	4x4								
EARTH WIRE SIZE (mm^2)				1.5		2.5	2.5	2.5								

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	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:
Lighting and Small Power lighting DB

Drawn: P.MAZIBUKO
Designer / Checked: M.SHEZI
Approved: M.SHEZI
Prof Reg. No. 20110108
Signature: 27/11/2022

Date: 29 / 07 / 2021
Scale: AS SHOWN
Drawing Size: A3
Revision No.: 01

Drawing Number: TNPA/2020-000-E-LSP-0001

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

Sheet Number: 004
Project Number:
Proposal No: 000