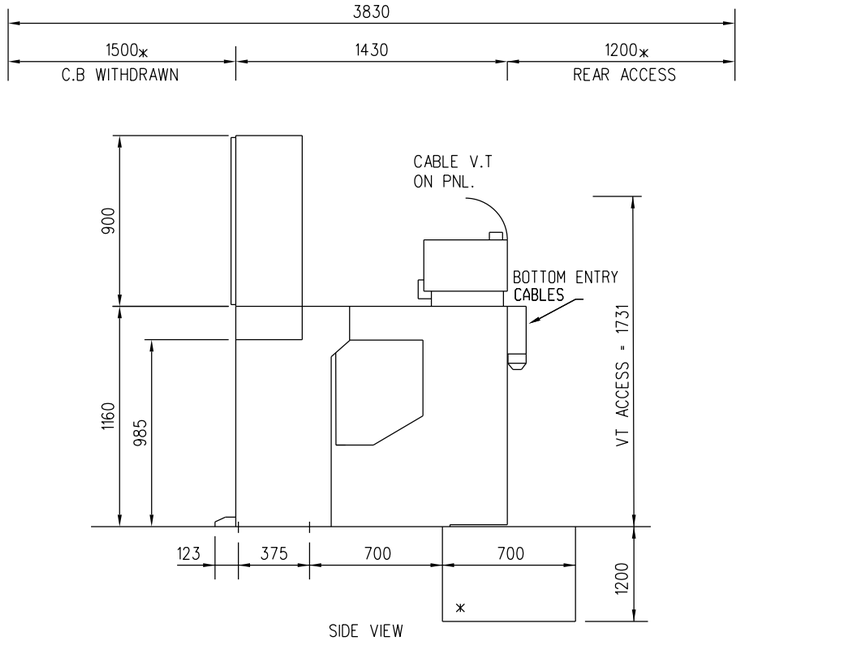
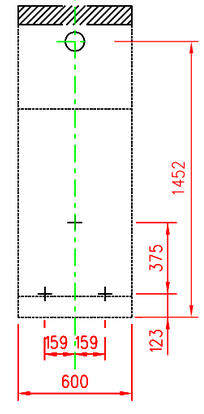


FRONT VIEW



SIDE VIEW



FOUNDATION PLAN

* RECOMMENDED DIMENSIONS ⌖ MAIN CABLE POSITIONS ▨ AUX CABLE POSITIONS ⌀ 14 ⌀FOUNDATION CENTRES

G.A. REF.	INSTRUMENT PANEL EQUIPMENT	S.D. REF
33	LED IND. LAMP (RED) "BRKR AUX. SWITCH N/C"	H55B
32	LED IND. LAMP (GREEN) "BRKR AUX. SWITCH N/O"	H54A
31	LED IND. LAMP (RED) "BRKR AUX. SWITCH N/C"	H55A
30	CLOSE PUSHBUTTON (GREEN)	S55
29	2nd SHUNT TRIP PUSHBUTTON (RED)	S54B
28	1st SHUNT TRIP PUSHBUTTON (RED)	S54A
27	FRAME LEAKAGE ZONE 1,2,3	F77
26	POWER METER (INTEGRATED)	P59
25	POWER METER	P1
24	MOTOR PROT. RELAY	F56
23	VOLTAGE SELECTION RELAY	F55
22	RED PHASE VOLTMETER	P51
21	WHITE PHASE VOLTMETER	P52
20	BLUE PHASE VOLTMETER	P53
19	GAS PRESSURE AUX	F75
18	OIL TEMP ALARM/TRIP TRFR. PROT	K53
17	BUCH. ALARM/TRIP TRFR. PROT	K52
16	E/F PROTECTION RELAY	F54
15	SOLKOR DIFF. O/C & E/F PROT. RELAY	F52
14	IDMTL O/C & E/F PROTECTION RELAY	F51
13	POWER METER (INTEGRATED)	P57
12	LED IND. LAMP "VT 2 HEALTHY" (WHITE)	H61
11	LED IND. LAMP "VT 1 HEALTHY" (WHITE)	H60
10	LED IND. LAMP "VT 2 SELECTED" (GREEN)	H59
9	LED IND. LAMP "VT 1 SELECTED" (GREEN)	H58
8	HEATER ON/OFF SELECTOR SWITCH	S56
7	LED IND. LAMP "2nd SHUNT TRIP HEALTHY" (WHT)	H57
6	LED IND. LAMP "V.C.B CLOSED" (RED)	H55
5	LED IND. LAMP "V.C.B OPEN" (GREEN)	H54
4	LED IND. LAMP "1st SHUNT TRIP HEALTHY" (WHT)	H56
3	TRIP/NEUTRAL/CLOSE CONTROL SWITCH	S52
2	STAND-OFF TRIP/CLOSE SOCKET	X57
1	LOCAL/REMOTE SELECTOR SWITCH	S53

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:
Medium Voltage Equipment - Layout

Drawn: P.MAZIBUKO
Date: 16 / 02 / 2021
Designer/ Checked: M.SHEZI
Scale: AS SHOWN
Approved:
Drawing Size: A3
Prof Reg. No. 20110108
Revision No: 01
Signature: 27/11/2022

Drawing Number: TNPA/2020-000-E-EL-0002

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

Sheet Number	Project Number	Proposal No
002		000