

NOTES SUMMARY – Van Wyksdrift Pump Station MCC

FORM: 3B

TYPE 2 CO-ORDINATION

BUSBAR RATING: 2000A

FAULT LEVEL: 50kA

IAC – REQUIRED AS PER SANS SPECIFICATIONS

COLOUR: ELECTRIC ORANGE

LENGTH: TBC mm

HEIGHT: TBC mm

DEPTH: 600 mm

MATERIAL: 2mm MILD STEEL

MOUNTING: FREE STANDING

FRONT ACCESS

CABLE ENTRY: BOTTOM

INSTALLATION: SUBSTATION


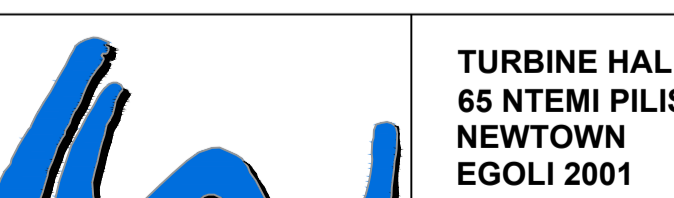

RATING: IP44

DRIVE CONTROL & MONITORING: CONVENTIONAL

COMMUNICATION: ETHERNET

KEY PLAN	
	CIRCUIT BREAKER WITH EARTH FAULT
	DIRECT ON LINE STARTER
	VARIABLE SPEED DRIVE
	STAR/DELTA STARTER
	SOFT STARTER
	FIELD ISOLATOR STATION
	EMERGENCY STOP STATION
	3 PHASE MOTOR
	TRANSFORMER
	FIELD STATION
	E-STOP & START
	CURRENT TRANSFORMER
	AMMETER
	VOLTMETER
	SURGE ARRESTER
	1200mm 2x25W LED
	FLOOD LIGHT - LED 220W
	PHOTO CELL DAYLIGHT SWITCH
	LED BULKHEAD FITTING-50W
	SINGLE LIGHT SWITCH

DEPARTMENT	APPROVED	DESIGNATION	DATE

CONSULTING ENGINEERS		SURVEYED		JOHANNESBURG WATER (SOC) LTD		CITY OF JOHANNESBURG		DESIGN MANAGER	SCALE	AMENDMENTS	APPROVED	DATE	DRAWING No.		
	Building No. 5 Country Club Estate 21 Woodlands Drive Woodmead 2191 PO Box 867 Gallo Manor 2052 Tel No. +27 87 352 1500	DESIGNED	E. BALDREY		TURBINE HALL 65 NTEMI PILISO STREET NEWTOWN EGOLI 2001	OLIFANTSVLEI WWTW: CONTRACT 1 INFRASTRUCTURE RENEWAL PLAN VAN WYKS RUST PUMP STATION MOTOR CONTROL CENTRE SINGLE LINE DIAGRAM	DATE								
		DRAWN	E. BALDREY											TEL: (011) 688-1400 FAX: (011) 688-1529	
		CHECKED	E. BALDREY												
		SERVICES CHECKED													
		GEOTECHNICAL INVESTIGATION													
		SERVITUDES													
		APPROVED	DITHOLO PHOGOLE												
		Pr. Eng. No.	20060098												
		DATE	25 February 2025												
		C01	ISSUED FOR TENDER	D. PHOGOLE	FEB 25	JW NUMBER JW14466-RHD-C1-02-D-E-0253 CONSULTANT'S NUMBER BW1400-RHD-C1-02-D-E-0253 FILE No JW13605									
		NTS					C01								