NEW ELIDZ 11KV BMU ABB-BMU-CCFVV

12KV-REJ 603 HMI, 5 WAY OUTDOOR GR316 S/S,
AVACADO GREEN WITH DOUBLE LV METERING BOX
METERING : ZMD405 + COMMS

MSW-022-A

SW-002-A 240mm² — MSW-001-A 240mm²

METERING: L&G ZMD 405 5A METER
+ ETHERNET MODULE
+ MODEM
+ TEST BLOCK & FUSE
+ AERIAL

70mm² XLPE + 70mm² BCEW (120m)

70mm² XLPE + 70mm² BCEW (20m)

NEW LOCAL 630 KVA
MS-021-A

SEQUENCING FACILITY

1000 A

METERING: L&G ZMD 405 5A METER
+ ETHERNET MODULE
+ MODEM
+ TEST BLOCK & FUSE
+ AERIAL

300 A
X CT/F1

2 x 150mm² 4c PVC SWA LV (20m)

EXISTING LOCAL 630 KVA
MS-001-A

1000 A

NEW FEED TO FIRE BOOSTER PUMP STATION

AW 6 | AW 8 | AW 9

METERING: L&G ZMD 405 5A METER
+ ETHERNET MODULE
+ MODEM
+ TEST BLOCK & FUSE
+ AERIAL

25mm² 4c PVC SWA ECC LV (20m)

3 x 100/5 CTS
PM 5560 (FUSED VOLTAGE LINKS)

	SPARE	SPARE	AC01 (HVAC)	AC02 (HVAC)	AC03 (HVAC)	AC04 (HVAC)	AC05 (HVAC)	AC06 (HVAC)	SPARE	SPARE	16A SWITCHED SOCKETS	16A SWITCHED SOCKETS	16A SWITCHED SOCKETS	LIGHTING	LIGHTING	SPARE	SPARE
	D CURVE	D CURVE	D/C	D/C	D/C	D/C	D/C	D/C	D/C	D/C	P1	P2	P3	P1	P2	P3	P1	P2	P3	1	2	3	4	5	6								
80A T.P. ISOL	30	30	30	30	30	30	5	5	5	5	5	5	5	5	20	20	20	20	20	20	20	20	10	10	10	10	10	10	10	10	10	10	10	10
	R	W	B	R	W	B	R	W	B	R	W	B	R	W	B	R	W	W	B	B	B	R	W	B	R	W	B	R	W	B	R	W	B	

R W B N — 4 x 1 POLE 275V 20kA SURGE PROTECTION DEVICES (CLASS 2) — E

NAME: SDB-1-2 (OFFICES FF)

LOCATION: OFFICES FF.
MOUNTING: SURFACE WALL MOUNTED
COLOUR: ELECTRIC ORANGE
MATERIAL: 2mm GALVANISED MILD STEEL
SUPPLY: 1 x 25mm² PVC SWA ECC LV CABLE BOTTOM ENTRY, ALLOW SUFFICIENT BUS BAR CAPACITY ON BOTTOM OF ISOLATOR TO TERMINATE CABLES
FEEDERS: TOP ENTRY
NOTES: BOARD TO ALLOW FOR TOP AND BOTTOM CABLE ENTRY ALLOW 20% EXPANSION CAPACITY ON SINGLE / THREE PHASE CIRCUITRY ALLOW MARSHALLING CUBICLE FOR CABLE EVACUATION AND POTENTIAL FUTURE METERING - PM5560 MODBUS TCP (SCHNEIDER)

	16A SWITCHED SOCKETS	LIGHTING	EMERGENCY LIGHTING	FIRE BOOSTER PUMP 1	FIRE BOOSTER PUMP 2
	60A ELU			D CURVE	D CURVE
	P1	P2	P3	1	2	3	7	8	9						
80A T.P. ISOL	20	20	20	10	10	10	10	10	10	30	30	30	30	30	30
	R	W	W	R	W	B	R	W	B	R	W	B	R	W	B

R W B N — 4 x 1 POLE 275V 20kA SURGE PROTECTION DEVICES (CLASS 2) — E

NAME: MDB-BPS

LOCATION: BOOSTER PUMP STATION
MOUNTING: SURFACE WALL MOUNTED
COLOUR: ELECTRIC ORANGE
MATERIAL: 2mm GALVANISED MILD STEEL
SUPPLY: 1 x 50mm² PVC SWA ECC LV CABLE BOTTOM ENTRY, ALLOW SUFFICIENT BUS BAR CAPACITY ON BOTTOM OF ISOLATOR TO TERMINATE CABLES
FEEDERS: TOP ENTRY
NOTES: BOARD TO ALLOW FOR TOP AND BOTTOM CABLE ENTRY ALLOW 20% EXPANSION CAPACITY ON SINGLE / THREE PHASE CIRCUITRY ALLOW MARSHALLING CUBICLE FOR CABLE EVACUATION AND POTENTIAL FUTURE METERING - PM5560 MODBUS TCP (SCHNEIDER)

1 x 25mm² PVC SWA ECC (15m)

3 x 100/5 CTS
PM 5560 (FUSED VOLTAGE LINKS)

	SPARE	SPARE	SPARE	SPARE	16A SWITCHED SOCKETS	16A SWITCHED SOCKETS	16A SWITCHED SOCKETS	LIGHTING	LIGHTING	SPARE	SPARE
	D CURVE	D CURVE	D/C	D/C	D/C	D/C	D/C	D/C	D/C	60A ELU	60A ELU	60A ELU											
	P1	P2	P3	P1	P2	P3	P1	P2	P3	1	2	3	4	5	6								
80A T.P. ISOL	30	30	30	30	30	30	5	5	5	5	5	5	5	5	5	20	20	20	20	20	20	20	10	10	10	10	10	10
	R	W	B	R	W	B	R	W	B	R	W	B	R	W	B	R	R	R	W	W	W	B	R	W	B	R	W	B

R W B N — 4 x 1 POLE 275V 20kA SURGE PROTECTION DEVICES (CLASS 2) — E

NAME: SDB-1-3 (RECEIVE ADMIN OFFICES)

LOCATION: TRUCKERS OFFICE
MOUNTING: SURFACE WALL MOUNTED
COLOUR: ELECTRIC ORANGE
MATERIAL: 2mm GALVANISED MILD STEEL
SUPPLY: 1 x 25mm² PVC SWA ECC LV CABLE BOTTOM ENTRY, ALLOW SUFFICIENT BUS BAR CAPACITY ON BOTTOM OF ISOLATOR TO TERMINATE CABLES
FEEDERS: TOP ENTRY
NOTES: BOARD TO ALLOW FOR TOP AND BOTTOM CABLE ENTRY ALLOW 20% EXPANSION CAPACITY ON SINGLE / THREE PHASE CIRCUITRY ALLOW MARSHALLING CUBICLE FOR CABLE EVACUATION AND POTENTIAL FUTURE METERING - PM5560 MODBUS TCP (SCHNEIDER)

2 x 150mm² 4c PVC SWA LV (20m)

3 x 100/5 CTS
PM 5560 (FUSED VOLTAGE LINKS)

	OUT1 (HVAC)	SPARE	FAF1 (HVAC)	FAF2 (HVAC)	LIFT 1	LIFT 2	LIFT 3	AC01 (HVAC)	SPARE	SPARE	SPARE	SPARE	SPARE	EAF1 (HVAC)	EAF2 (HVAC)	EAF3 (HVAC)	SPARE	SPARE	SPARE	16A SWITCHED SOCKETS	16A SWITCHED SOCKETS	16A SWITCHED SOCKETS	LIGHTING	LIGHTING	SPARE	GEYSER 1	SPARE	SPARE
	D CURVE	D CURVE	D CURVE	D CURVE	D CURVE	D CURVE	D CURVE	D/C	D/C	D/C	D/C	D/C	D/C	D/C	D/C	D/C	D/C	D/C	D/C	60A ELU	60A ELU	60A ELU						
SDS-2																				P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	7	8	9	G1																		