

50

15

RADIO

BATTERY

F049
SURGE FILTER

K022
POWER METER

SURGE FILTER
NEUTRAL LINK

NEUTRAL
LINK

PUMP 1
VSD

PUMP 2
VSD

Q070
ISOLATOR

Q104
ISOLATOR

S090
ISOLATOR

S124
ISOLATOR

SD1
SURGE DIVERTER

Q135
SUPPLY ISOLATOR

Q28
DISTRIBUTION ISOLATOR

K369
SAFE – TL

U241
12VDC/24VDC

U234
240VAC/12VDC UPS

EARTH
LINK

INSTRUMENT SCREEN EARTHS

30

15

S302
LIMIT SWITCH

S207
THERMOSTAT

S302a
LIMIT SWITCH

T026-A
600/5A

S302b
LIMIT SWITCH

T026-B
600/5A

S302c
LIMIT SWITCH

T026-C
600/5A

S302d
LIMIT SWITCH

E038
CUBICLE LIGHT

S302e
LIMIT SWITCH

E040
CUBICLE LIGHT

S302f
LIMIT SWITCH

E042
CUBICLE LIGHT

FN1
P1 CUBICLE FAN

E044
CUBICLE LIGHT

FN2
P2 CUBICLE FAN

E046
CUBICLE LIGHT

TOP LINE 5MM TEXT W-B-W
BOTTOM LINE 3MM TEXT W-B-W

FN1-a
P1 CUBICLE FAN

FN2-a
P2 CUBICLE FAN

ONLY REQUIRE IF EXTRA FANS
INSTALL FOR 160KW DRIVES

170

150

GLADSTONE REGIONAL COUNCIL

101 Goondoon Street A.B.N 27 330 979 106
GLADSTONE QUEENSLAND 4680
Ph. (07) 4970 0700 Fax. (07) 4975 8500

NAME

MANUFACTURED TO AS61439

FORM of SEG. 3B DEGREE of PROT. IP 66 SUPPLY VOLTS 400
MAN. ID No. XXXX-X SHORT CIRC.CAP. XX kA DATE MM-YY

Stainless Steel (Refer Note 8 on GRC-ED-109);
Black Text; Colour Logo; Fillet Corners 2mm Radius

120

40

DANGER

THE MODULE POWER CAN BE SUPPLIED
FROM Q135 & Q177 CIRCUIT BREAKERS

THIS LABEL

- SHALL BE 150 x 40mm
- SHALL HAVE 8mm HIGH BOLD WHITE CHARACTERS ON RED
TRAFFOLYTE FOR THE FIRST LINE
- SHALL HAVE 5mm HIGH WHITE CHARACTERS ON RED
TRAFFOLYTE FOR THE OTHER LINES
- SHALL HAVE 2 x 3mm DIAMETER MOUNTING HOLES DRILLED AS SHOWN

200

50

Q070
VSD1
ISOLATOR

Q104
VSD1
ISOLATOR

S090
PUMP No. 1
ISOLATOR

S124
PUMP No. 2
ISOLATOR

150

200

WARNING

ONLY ONE PUMP WILL
RUN DURING MANUALLY
RUN OPERATIONS OF
THE PUMP STATION,
AND ALSO WHEN THE
EMERGENCY STARTER
CIRCUIT IS ACTIVE

THIS LABEL

- SHALL BE 150 x 200mm
- SHALL HAVE 25mm HIGH BOLD BLACK CHARACTERS
ON YELLOW TRAFFOLYTE FOR THE FIRST LINE
- SHALL HAVE 10mm HIGH BLACK CHARACTERS
ON YELLOW TRAFFOLYTE FOR THE OTHER LINES
- SHALL HAVE 4 x 3mm DIAMETER MOUNTING HOLES
DRILLED 5mm IN FROM EACH CORNER SIDE

120

40

ATTENTION

GENERATOR WILL AUTOMATICALLY
START UP WITHOUT ANY WARNING

THIS LABEL

- SHALL BE 150 x 40mm
- SHALL HAVE 8mm HIGH BOLD BLACK CHARACTERS
ON YELLOW TRAFFOLYTE FOR THE FIRST LINE
- SHALL HAVE 5mm HIGH BLACK CHARACTERS
ON YELLOW TRAFFOLYTE FOR THE OTHER LINES
- SHALL HAVE 2 x 3mm DIAMETER MOUNTING
HOLES DRILLED AS SHOWN
- 7 TO BE PROVIDED AS LOOSE ITEMS IN SWITCHBOARD

TOP LINE 5MM TEXT W-B-W
BOTTOM LINE 3MM TEXT W-B-W

258

25

Q029
2A
POWER
METER

Q036
10A
GPO

Q040
15A
GPO

Q044
6A
CUBICLE
LIGHTS

Q049
10A
CONTROL
SUPPLY

Q057
10A
EXT.
LIGHTING

Q060
2A
EMERGENCY
STARTER

Q063
10A
GENERATOR
BATT. CHARG.

Q049A
2A
PUMP 1
CUBICLE FAN

Q053
2A
PUMP 2
CUBICLE FAN

Q061
SPARE

Q064
10A
SCADA
GPO

TOP LINE 5MM TEXT W-B-W
BOTTOM LINES 3MM TEXT W-B-W

289

15

K317
WWS

K318
PUMP 1 RR

K319
PUMP 2 RR

K320
TRANS RELAY

K322
P1 START

K323
P2 START

K324
RTU HEALTHY

K325
GEN START

K372
PUMP 1 ES

K374
PUMP 2 ES

TOP LINE 5MM TEXT W-B-W
BOTTOM LINES 3MM TEXT W-B-W

AMENDMENTS			
REV	DESCRIPTION	CHECKED	DATE
0	ISSUED FOR REFERENCE		



GLADSTONE REGIONAL
COUNCIL

P.O. Box 29, Gladstone Qld. 4680

STANDARD DRAWING
DUAL SEWERAGE PUMP STATION
SWITCHBOARD 22-160KW VSD
BOARD AND PANEL LABELS - SHEET 1 OF 3

DRAWING NO.
GRC-ED-127

A1 SHEET REVISION 0