

240V AC SUPPLY FROM
24V DC CB 2S
CONTINUED FROM DRG
A1-52776 LINE 7

SFN2 (B)
SFE2 (G/Y)
SFA2 (BN)

N
E
L

240V AC SUPPLY

24V DC
POWER
SUPPLY
10A

24V DC SUPPLY
-V +V

0VDC
(BLACK)

24VDC
(ORANGE)

24VDC1
6A

24VDC1
(ORANGE)

CONTINUED
ON DRG
A1-52780
LINE 1

(24V DC
SUPPLY FOR
PUMP STATION
CONTROL
CIRCUIT)

CONTINUED
ON DRG
A1-52780
LINE 1

0VDC
(BLACK)

0VDC1
(BLACK)

TS1/1

24VDC2
6A

24VDC2
(ORANGE)

CONTINUED
ON DRG
A1-52782
LINE 1

(24V DC
SUPPLY FOR
PUMP No 1
CONTROL
CIRCUIT)

CONTINUED
ON DRG
A1-52782
LINE 1

0VDC2
(BLACK)

0VDC2
(BLACK)

TS1/2

24VDC3
6A

24VDC3
(ORANGE)

CONTINUED
ON DRG
A1-52785
LINE 1

(24V DC
SUPPLY FOR
PUMP No 2
CONTROL
CIRCUIT)

CONTINUED
ON DRG
A1-52785
LINE 1

0VDC3
(BLACK)

0VDC3
(BLACK)

TS1/3

24VDC4
6A

24VDC4
(ORANGE)

CONTINUED
ON DRG
A1-52789
LINE 2

(24V DC
SUPPLY FOR
ACE3600 RTU
SLOT 1)

CONTINUED
ON DRG
A1-52789
LINE 2

0VDC4
(BLACK)

0VDC4
(BLACK)

TS1/4

24VDC5
6A

24VDC5
(ORANGE)

CONTINUED
ON DRG
A1-52790
LINE 2

(24V DC
SUPPLY FOR
ACE3600 RTU
SLOT 2)

CONTINUED
ON DRG
A1-52790
LINE 2

0VDC5
(BLACK)

0VDC5
(BLACK)

TS1/5

24VDC6
6A

24VDC6
(ORANGE)

CONTINUED
ON DRG
A1-52792
LINE 9

(24V DC
SUPPLY FOR
DISPLAY
INDICATIONS)

CONTINUED
ON DRG
A1-52792
LINE 9

0VDC6
(BLACK)

0VDC6
(BLACK)

TS1/6

24VDC7
6A

24VDC7
(ORANGE)

CONTINUED
ON DRG
A1-52792
LINE 9

CONTROL &
TELEMETRY
COMPARTMENT
THERMOSTAT

24VDC11/1
(WHITE)

0VDC7
(BLACK)

0VDC7
(BLACK)

TS1/7

24VDC8
6A

24VDC8
(ORANGE)

SAR
A1-52780
LINE 8

SAR
(WHITE)

SAR A
(WHITE)

PF1EC05
TS12/1

0VDC8
(BLACK)

TS1/8

24VDC9
6A

24VDC9
(ORANGE)

CONTINUED
ON DRG
A1-52792
LINE 9

CONTROL &
TELEMETRY
COMPARTMENT
LED CUBICLE
LIGHT

SAR A
(BLACK)

PF1EC05
TS12/3

0VDC8
(BLACK)

TS1/9

24VDC10
6A

24VDC10
(ORANGE)

CONTINUED
ON DRG
A1-52792
LINE 9

CONTROL &
TELEMETRY
COMPARTMENT
LED CUBICLE
LIGHT

SAR A
(BLACK)

PF1EC05

0VDC8
(BLACK)

TS1/10

24VDC11
6A

24VDC11
(ORANGE)

CONTINUED
ON DRG
A1-52792
LINE 9

CONTROL &
TELEMETRY
COMPARTMENT
LED CUBICLE
LIGHT

SAR A
(BLACK)

PF1EC05

0VDC8
(BLACK)

TS1/11

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38

REVISIONS

No.	DATE	DESCRIPTION	APP'D
1	7/9/20	UPDATED DRAWING SHEETS CHANGED CUBICLE LIGHTS TO 24VDC LEDS.	P.S.
0	24/9/12	INITIAL ISSUE.	P.J.

REFERENCES

PLAN No.	DESCRIPTION	TITLE
A1-52770	STD SPS - PUMP STN 30kW TO 160kW (VSD) - CT METERED - I & C - DRG INDEX	

DESIGNED BY:



DO NOT SCALE

GIPPSLAND WATER
DRAWING STATUS

STANDARD DRAWING

GIPPSLAND WATER FACILITY CODE

XXCPXX

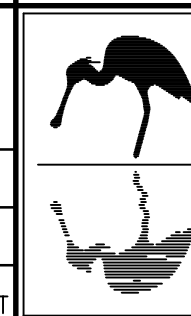
DRAWING No.

A1-52778

REV.

1

CERTIFICATION OF
COMPLIANCE WITH
GIPPSLAND WATER'S
DESIGN & DRAFTING
REQUIREMENTS.
DESIGNED:
25/01/2018 - STD DRG
DRAWN:
25/01/2018 - OPT/CT
CHECKED:
25/01/2018 - P STEWART



GIPPSLAND WATER
STANDARD SEWERAGE PUMP STATION
PUMP STATION 30kW TO 160kW (VSD) - CT METERED
24V DC POWER SUPPLIES
ELECTRICAL SCHEMATIC DIAGRAM