TRANSCEIVER
(RADIO)

COAXIAL CABLE

ANTENNA

2A-12V (RED)

2A-COM (BLACK)

ACE3600 RTU
SLOT PS-ID0
PS/CH AC
FPN1903A

PWR
AUX1
AUX2
DO
BATT

ON
OFF

AUX 1A -
AUX 1B -
AUX 2A -
AUX 2B -
12V_DO
RACK EXP
BATTERY -
TEMP
POWER IN
100-240
VAC

ACE3600 RTU
SLOT CPU-ID0
CPU3680
FLN 4234A

PWR
ERR
RST
APPL
CONF
PB1
PB2
P1 Tx Rx CM
USB HOST 1,2
PLUG IN 1 RS485 (FLN 4107)
S1 Tx Rx CM
SERIAL 1
S2 Tx Rx CM
SERIAL 2
E1 LINK Rx
ETH 1
P2 Tx Rx CM
USB 1
PLUG IN 2 RS232 (FLN 4105)
USR1
USR2
USR3
USR4

ACE3600 RTU
SLOT I/O-ID1
MIXED I/O
FLN 3572

INTERNAL
24VDC
POWER
SUPPLY
FPN 5976

FOR CONNECTION DIAGRAM REFER DRG A1-58860 & A1-58861

ACE3600 RTU
SLOT I/O-ID2
16 DI
FLN 3552

FOR CONNECTION DIAGRAM REFER DRG A1-58862

ACE3600 RTU
SLOT I/O-ID3
8 DO
FLN 3605

FOR CONNECTION DIAGRAM REFER DRG A1-58863

2A-12V (RED)
2A-COM (BLACK)

-V +V
12V DC SUPPLY

12/24V DC
CONVERTER

24V DC SUPPLY
-V +V

24VDC (WHITE)
0VDC (WHITE)

24V DC SUPPLY TO COMMON CONTROLS
CONTINUED ON DRG A1-58855 LINE 17

RS485 DISTRIBUTION BOARD
RJ11 CONNECTOR
485+/1 (1W)
485-/1 (1Bk)
TO MJK FLOWMETER
CONTINUED ON DRG A1-58858 LINE 24

12V BATTERY
17 AMP HOUR
SEALED LEAD ACID BATTERY
POS
NEG
BLADE FUSE 10A
POS
NEG

BATTERY TEMPERATURE SENSOR

240V AC SUPPLY FROM RTU CB 3S
CONTINUED ON DRG A1-58853 LINE 10
SFA3 (BN)
SFE3 (G/Y)
SFN3 (B)

SFA3 (BN) TS/~ SFA3 (BN)
SFN3 (B) TS/N SFN3 (B)
SFE3 (G/Y) SFE3 (G/Y)
EARTH BAR

| REVISIONS | | | | REFERENCES | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| 2 | 19/8/15 | ADDED NEW GW SHT - APPROVED STANDARD DRG. | M.S. | | | |
| 0 | 27/3/15 | INITIAL ISSUE. | M.S. | A1-58850 | STANDARD SPS - PUMP STATION 7.5kW TO 22kW (SOFT STARTER) - I & C - DRAWING INDEX | |
| No. | DATE | DESCRIPTION | APP'D | PLAN No. | TITLE | |

DESIGNED BY:

OPTIMUM DRAFTING PTY LTD
A.B.N. 28 065 272 942

DO NOT SCALE

CERTIFICATION OF COMPLIANCE WITH GIPPSLAND WATER'S DESIGN & DRAFTING REQUIREMENTS.
DESIGNED: 25/03/2015 - M SENANAYAKE
DRAWN: 27/03/2015 - OPT/MM
CHECKED: 01/04/2015 - M SENANAYAKE

GIPPSLAND WATER DRAWING STATUS: STANDARD DRAWING

GIPPSLAND WATER FACILITY CODE: XXCPXX

GIPPSLAND WATER

DRAWING No. A1-58859 REV. 2

STANDARD SEWERAGE PUMP STATION
PUMP STATION 7.5kW TO 22kW (SOFT STARTER)
'ACE3600' TELEMETRY RACK
ELECTRICAL SCHEMATIC DIAGRAM