NOTES:
1. Gland plates to be fitted with gas sealing rubber gaskets & split gland plate to be as per detail.
2. Gland plates to be fitted with gas sealing rubber gaskets & split gland plate.
3. Gland plates are to be fitted with gas sealing rubber gaskets & split gland plate.
4. Gland plates are to be fitted with gas sealing rubber gaskets & split gland plate.
5. Gland plates are to be fitted with gas sealing rubber gaskets & split gland plate.
6. Gland plates are to be fitted with gas sealing rubber gaskets & split gland plate.
7. Gland plates are to be fitted with gas sealing rubber gaskets & split gland plate.
ALL LABELS ARE W.B.W. UNLESS OTHERWISE NOTED

L1  SA POWER NETWORKS SERVICE FUSES
L2  WPS No 19
L3  UNPROTECTED MARKING CONDUCTOR

CONSTRUCTION NOTES:
1. SWITCHBOARD CONSTRUCTED IN ACCORDANCE WITH AS/NZS 4339.2, SA WATER TUBE & SAPN SERVICE AND INSTALLATION RULES.
2. CABLE TO BE SECURED WITH 3.0 MARINE ALUMINIUM & GROUND BUSHING BEFORE POWERED COATED IN ACCORDANCE WITH TABLE 11, PREVIOUS GREEN/OX, HANG/GRAFFITI RESISTANT PAINT/GRN.
3. MAIN COMPARTMENT SURFACE TO BE POWERED IN ACCORDANCE WITH TABLE 11, PREVIOUS GREEN/OX.
4. MAIN COMPARTMENT SURFACE TO BE POWERED IN ACCORDANCE WITH TABLE 11, PREVIOUS GREEN/OX.
5. I-ANGLE DURING FIXING HEAD HARDWARE BOLTS INTO GALV.
6. PLAITING MATELLAGE TO BE IN STAINLESS STEEL & FITTED WITH NYLON BULGING WASHERS.
7. PROVIDE OWN WELDED STUD TO SIDES OF DOOR, DOOR TO BE ENCLOSED WITH OWN BLACK NEUTRAL CABLE.
ALL LABELS ARE W.B.W. UNLESS OTHERWISE NOTED

SA POWER NETWORKS
SERVICE FUSES

L1

SA POWER NETWORKS
SERVICE FUSES

L2

L3

CONSTRUCTION NOTES:

1. SWITCHBOARD CONSTRUCTED IN ACCORDANCE WITH AS/NZS 4030. SA WATER TACTICS & SAPN SERVICE AND INSTALLATION RULES.
2. CABLE TO BE CONSTRUCTED FROM SCAFRON WHITE ALUMINIUM & COPPER GROUNDOOULINES, POWER CABLES IN ACCORDANCE WITH FISHER FLEXIBLE GREEN/YELLOW, USING FLEXIBLE RESISTANT COUPLINGS.
3. PANELS TO BE MANUFACTURED FROM STEEL SHEET AND ALUMINIUM ALLOY CHEMICAL (C/W SELF-MOUNTING MACHINES). PANELS TO BE FIXED POWER CABLES (C/W SELF-MOUNTING MACHINES). PANELS TO BE FIXED POWER CABLES (C/W SELF-MOUNTING MACHINES).
4. BLANK PLATES FOR USE WITH HEAT RESISTANT WIRE COVERS AND TERMINALS.
5. PANELS TO BE MANUFACTURED FROM STEEL SHEET AND ALUMINIUM ALLOY CHEMICAL (C/W SELF-MOUNTING MACHINES). PANELS TO BE FIXED POWER CABLES (C/W SELF-MOUNTING MACHINES).
6. PROVIDE 2 WELDED STUDS TO RISE OUT OF DOOR TO BE ENCLOSED WITH BLACK NEUTRAL CABLE.
7. PROVIDE 2 OPENING CABLE DOOR STUDS AND WELDED TABLES.

REVISED PANEL

DESIGN PANEL

SA Water 200A SERVICE FUSE ENCLOSURE

ELECTRICAL

SA Water 0 - 100A MAIN SWITCHBOARD

GENERAL ARRANGEMENT

TYP-03-00001_77b
REAR SUN SHIELDS - WHERE REQUIRED (PROJECT SPECIFIC)

SUN SHIELD CONSTRUCTION NOTES:

1. MATERIAL - 16mm GL 2215 GALVABOND
2. FINISH - CURRLE TO BE WET SPRAYED 2 PACK PAINTED IN ACCORDANCE WITH TS300 CLAUSE 8.3 OUTDOOR CURRLE. PAINTED RIVERGUM GREEN G62, USING GRAFFITI RESISTANT PAINT/CATIONS.
3. COLOUR - "RIVERGUM GREEN G62" WET SPRAY WITH "AG Ghetto CLEAR 910 B0/P" ANTI-GRAFFITI

PROVISIONS FOR SUN SHIELDS SHALL BE MADE ON ALL SWITCHBOARDS BY USE OF A WELDED BOND STANDOFF ON THE INSIDE OF THE BOARD. THIS WILL ALLOW THE SUN SHIELD TO BE FIXED WHEN NEEDED WITHOUT ALTERING THE IP RATING.

REVISION PANEL

DESIGN PANEL

SWITCHBOARD 0 - 100A
MAIN SWITCHBOARD
SWITCHBOARD LAYOUT
ELECTRICAL
WET SPRAYED GALVABOND - REAR SUN SHIELD

SA Water

SUPERSED: TYP-03-00001_78a
LEADING NUMBER: TYP-03-00001_78a
SUN SHIELD CONSTRUCTION NOTES:

1. MATERIAL - 1.6mm 316 STAINLESS STEEL
2. FINISH - COAT TO BE POWDER COATED RIVERGUM GREEN G62 USING GRAFFITI RESISTANT COATINGS. ROUGH SURFACES TO BE FILLED, GROUND, SMOOTH SURFACES ROUGHENED, CLEANED, DEGREASED & OVEN BAKED POWDER COATED. THE COATING SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S DATA SHEET & SHALL INCLUDE ANY PRIMERS OR UNDERCOATS AS RECOMMENDED BY THE MANUFACTURER. INTERIOR REMOVABLE PANELS, BACKPLATES, BRACKETS & SCREWS TO BE GLOSS WHITE IN COLOUR. POWDER COATING TO HAVE A DRY FILM THICKNESS NOT LESS THAN 60 MICRONS.
3. COLOUR - "RIVERGUM GREEN G62" OVEN BAKED POWDER COATED WITH "AG GHEE CLEAR 901 ATP1" ANTI-GRAFFITI.

PROVISIONS FOR SUN SHIELDS SHALL BE MADE ON ALL SWITCHBOARDS BY USE OF A WELDED BLIND STANDOFF ON THE INSIDE OF THE BOARD. THIS WILL ALLOW THE SUN SHIELD TO BE FIXED WHEN NEEDED WITHOUT ALTERING THE IP RATING.
SUN SHIELD CONSTRUCTION NOTES:

1. MATERIAL - 3mm MARINE GRADE ALUMINUM (S5521)
2. FINISH - ROUGH SURFACES TO BE FILED, GROUND, SMOOTH, CLEANED, DEGREASED, ETCH PRIMED & OVEN BAKED POWDER COATED. THE COATING SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S DATA SHEET & SHALL INCLUDE ANY PRIMERS OR UNDERCOATS AS RECOMMENDED BY THE MANUFACTURER. INTERNAL REMOVABLE PANELS, BACKPLATES, BRACKETS & ESCRUTCIONEH SHALL BE GLOSS WHITE IN COLOUR, PRIME COATING TO HAVE A DRY FILM THICKNESS NOT LESS THAN 50 MCM, POWDER COATING TO HAVE A DRY FILM THICKNESS NOT LESS THAN 60 MCM.

3. COLOUR - "RIVERSIDE GREEN G62" OVEN BAKED POWDER COATED WITH "AG Ghetto Clear 90 AT97" ANTI-GRAFFITI.

PROVISIONS FOR SUN SHIELDS SHALL BE MADE ON ALL SWITCHBOARDS BY USE OF A WELDED BLIND STANDOFF ON THE INSIDE OF THE BOARD. THIS WILL ALLOW THE SUN SHIELD TO BE FIXED WHEN NEEDED WITHOUT ALTERING THE IP RATING.