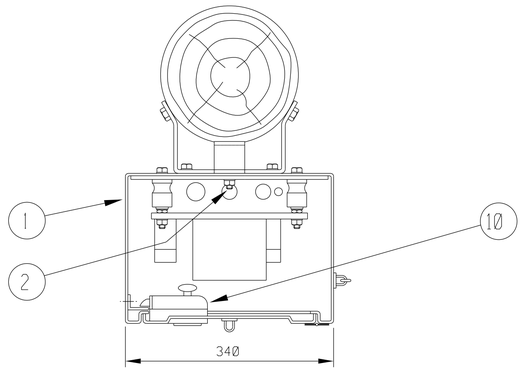
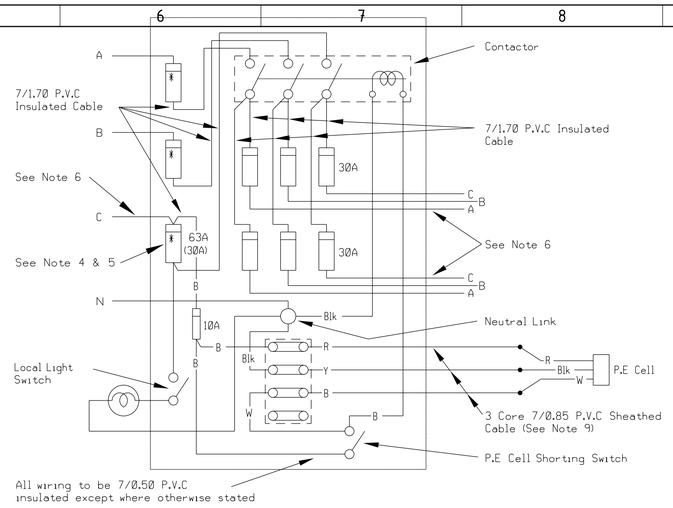
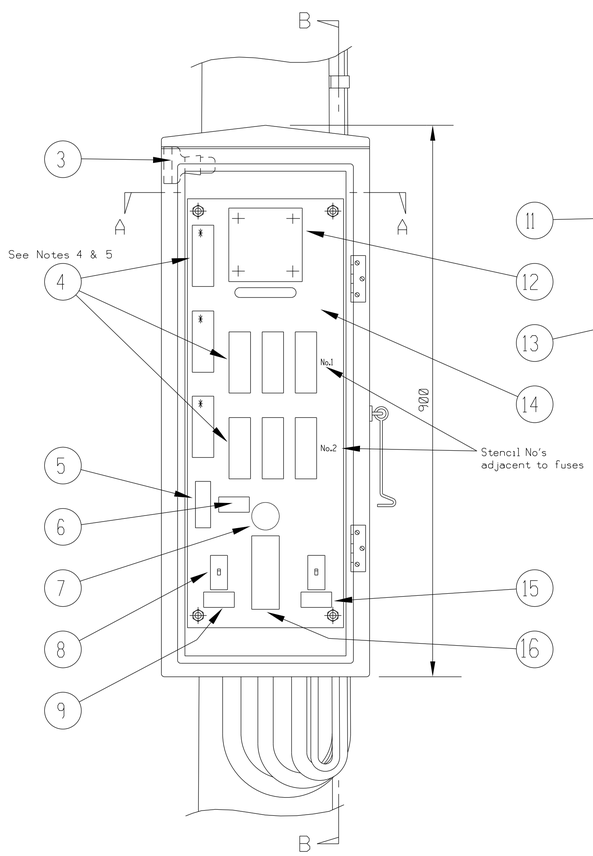
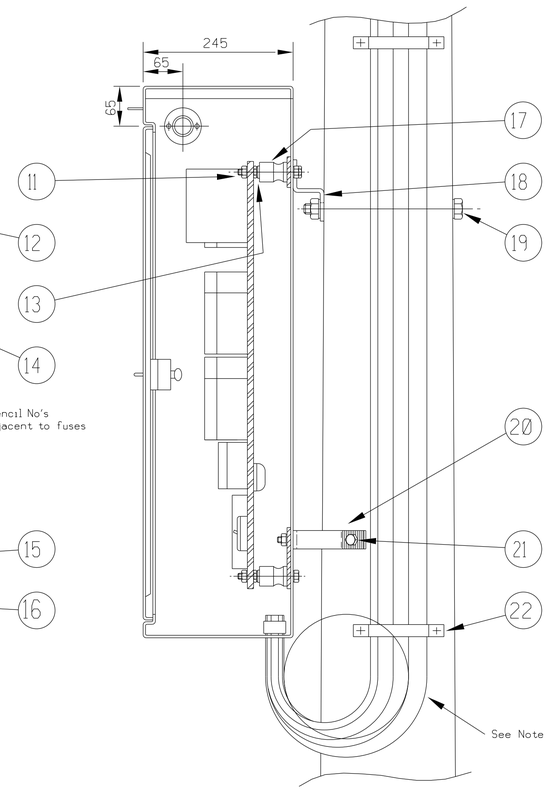


SECTION A.A

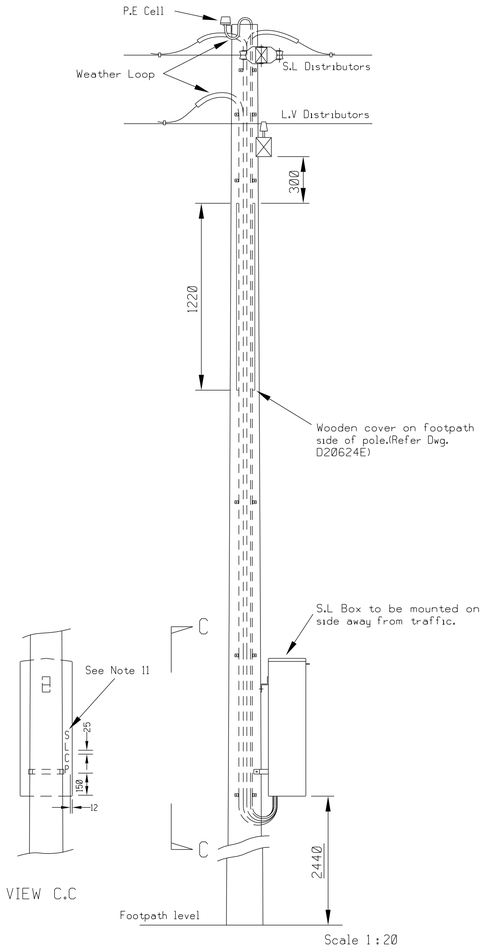




FRONT VIEW
(With door removed)



SECTION B.B



Scale 1:20

VIEW C.C

HOUSING DETAILS (Scale - 1:5)

NOTES

1. ALL EQUIPMENT ON CONTROL PANEL TO BE FRONT CONNECTED.
2. CONTACTOR (ITEM 12) & FUSES TO BE FIXED TO PANEL USING M5 SCREWS & 'RAWLNUTS', ARCHITRAVE SWITCHES SECURED BY M3 SCREWS & 'RAWLNUTS'.
3. ALL MOUNTING HOLES & CONDUIT ENTRIES TO BE SEALED WITH APPROVED WATERPROOF COMPOUND.
4. FOR A 2 CIRCUIT PANEL, FUSES IN INCOMING LINE (MARKED THUS) TO BE LOADED WITH 63A. H.R.C FUSES. OUTGOING CIRCUIT TO BE LOADED WITH 30A. H.R.C FUSES.
5. FOR A SINGLE CIRCUIT PANEL, FUSES IN INCOMING LINE (MARKED THUS) TO BE LOADED WITH 30A. H.R.C FUSES AND THE 6 FUSES IN THE OUTGOING CIRCUIT TO BE OMITTED. THE OUTGOING CIRCUIT BEING CONNECTED DIRECTLY TO THE CONTACTOR TERMINALS.
6. INCOMING CABLE TO BE 4 CORE 7/1.70 P.V.C INSULATED, P.V.C SHEATHED. OUTGOING CABLE TO BE 3 CORE 7/1.70 P.V.C INSULATED, P.V.C SHEATHED. OUTER SHEATHING TO BE REMOVED FROM CABLE AT OVERHEAD MAINS END & CORES TO BE THREADED THROUGH BLACK P.V.C TUBING. FROG EFFECTIVELY TAPED, PRIOR TO CONNECTION TO MAINS.
7. A LAMINATED ENGRAVING MATERIAL LABEL, SIZE 100 x 75mm INSCRIBED WITH THE OUTGOING S.L CIRCUIT NAMES, IS TO BE ATTACHED TO THE INSIDE FACE OF THE DOOR.
8. A HOOK, OR METAL CONTAINER FOR S.L ENVELOPES TO BE SECURED TO INSIDE FACE OF DOOR.
9. CABLE FOR CONNECTION TO P.E CELL TO BE RUN UP POLE WITH OTHER CABLES IN NORMAL MANNER ALLOWING SUFFICIENT LENGTH TO EXTEND 300mm BEYOND TOP OF POLE.
10. 4 WAY TERMINAL BLOCK (ITEM 16) TO BE FITTED WITH A PLASTIC COVER (D-33740).
11. S.L.C.P SIGN ON REAR OF HOUSING (REF.G6) TO BE COMPILED OF 50mm HIGH x 25mm WIDE LETTERS IN SELF ADHESIVE WHITE REFLECTIVE MATERIAL.
12. REFERENCE DRAWINGS :-

HOUSING DETAILS	A2-20082
PANEL DRILLING DETAILS	A2-20083

ITEM No.	DESCRIPTION	MATERIAL	No. OFF	REMARKS
22	CONDUIT SADDLE	GALV. M/STEEL	AS REQ'D	
21	12 x 75mm COACH SCREWS	GALV. M/STEEL	2	
20	LOWER SUPPORT BRACKET	GALV. M/STEEL	1	REFER A2-20082
19	M20 H/HD BOLT, NUT & 2 WASHERS	GALV. M/STEEL	1	LENGTH TO SUIT POLE *
18	UPPER SUPPORT BRACKET	GALV. M/STEEL	1	REFER A2-20082
17	BUTTON INSULATOR	PORCELAIN	4	A.P.I No.8 OR EQUIV.
16	4 WAY TERMINAL BLOCK (See Note 10)		1	REFER A3-12835
15	50 x 25mm LABEL 'P.E CELL SHORTING SWITCH'	'TRAFFOLYTE'	1	
14	PANEL	ELECTRICAL PANEL	1	REFER A2-20083
13	11 I.D SPECIAL WASHER	RED FIBRE	4	
12	100A.T/P CONTACTOR - AC3(1)		1	
11	M10 x 100mm H/HD BOLT,NUT & WSHRS	GALV. M/STEEL	4	
10	ABLOY A7 LOCK	S/C 175272	1	
9	50 x 25mm LABEL - 'LIGHT SWITCH'	'TRAFFOLYTE'	1	
8	10A.S/P ARCHITRAVE SW. & MTG BLOCK		2	
7	NEUTRAL LINK (7 WAY)		1	MOUNTED ON REAR
6	50 x 25mm LABEL 'NOT CONTROLLED BY MAIN FUSES'	'TRAFFOLYTE'	1	
5	10A.FUSE (E.E TYPE NS-H)		1	
4	660V. 63A FUSE BASE & CARRIER	(WITH SILVER PLATED CONTACTS)	3 - 9	SEE NOTES 4 & 5
3	B.C BATTEN HOLDER,MTG BLOCK & 15W P/LAMP		1	
2	M10 x 30mm H/HD SCREW,NUT & WSHR	GALV. M/STEEL	3	
1	WEATHERPROOF HOUSING (S/C 100271)	F.R.POLYESTER	1	REFER A2-20082

SCHEDULE OF COMPONENTS

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS
22. NEW DRAWING MADE TO SHOW FIBREGLASS REINFORCED POLYESTER HOUSING. LABELS ITEMS 8 & 15 ADDED. A. 15/10/1991
DJJ. 20.8.1991
PN24959
CHECKED : M.P
APPROVED : B.J.L

DWN. P.R.
CHKD. G.F.
APP'D. G.F.
DATE: 28/02/2023
ITEM 10 CHANGED.
23

ASSOCIATED DRAWINGS

NETWORK STANDARD
Ausgrid
145 NEWCASTLE RD WALLSEND, NSW 2287

SCALE	AS SHOWN
DESIGNED	-
DRAWN	J.M.C
CHECKED	J.U
APPROVED	L.T.W
DATE	21/06/1955
PROJECT NUMBER	STD
PROJTRAK NUMBER	-

STANDARD CONSTRUCTION
POLE MOUNTED STREET LIGHTING
CONTROL PANEL
GENERAL ASSEMBLY

SIZE A1 | DRAWING No 19398 | SHEET 1 | AMD 23

20110901

©

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