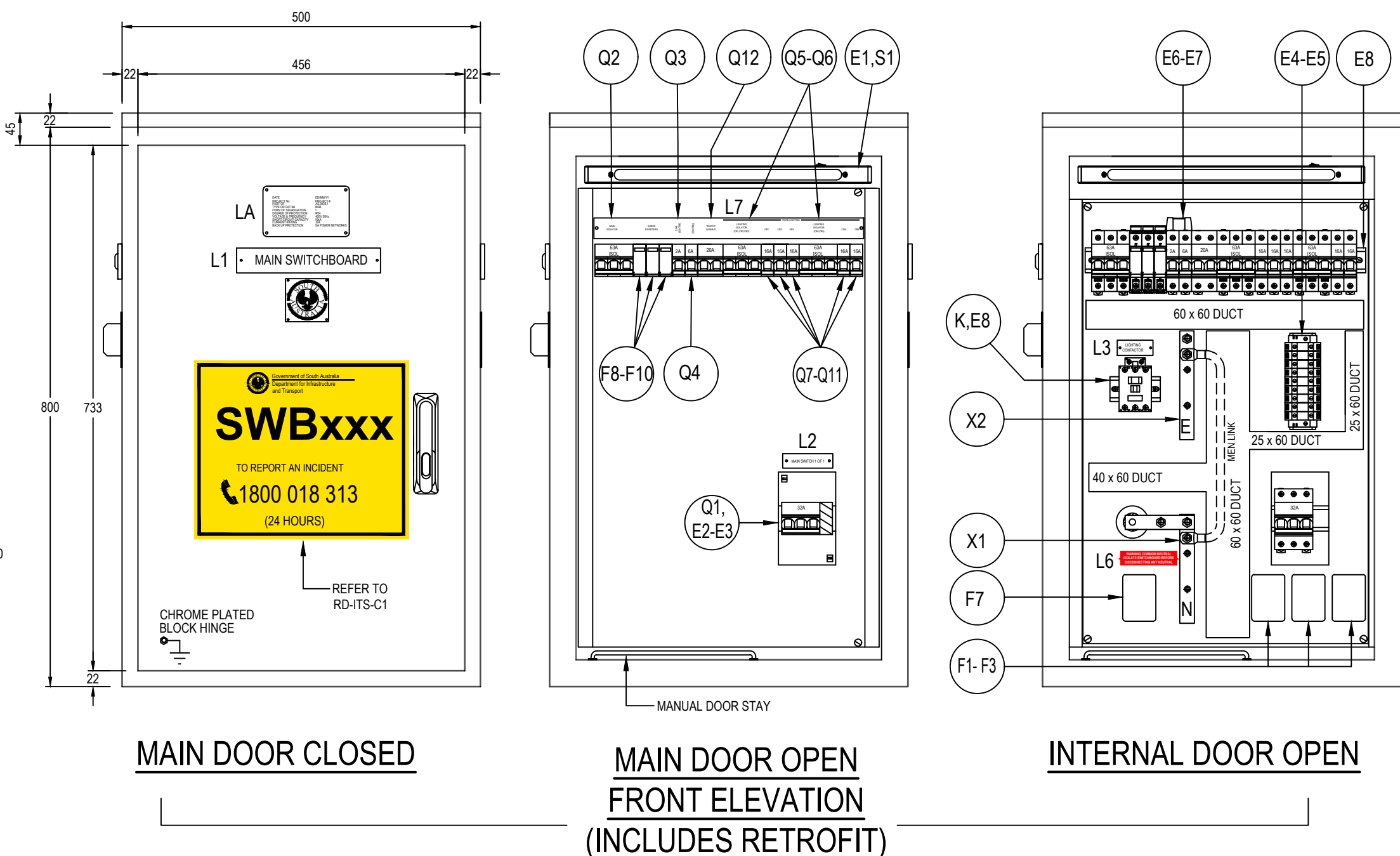
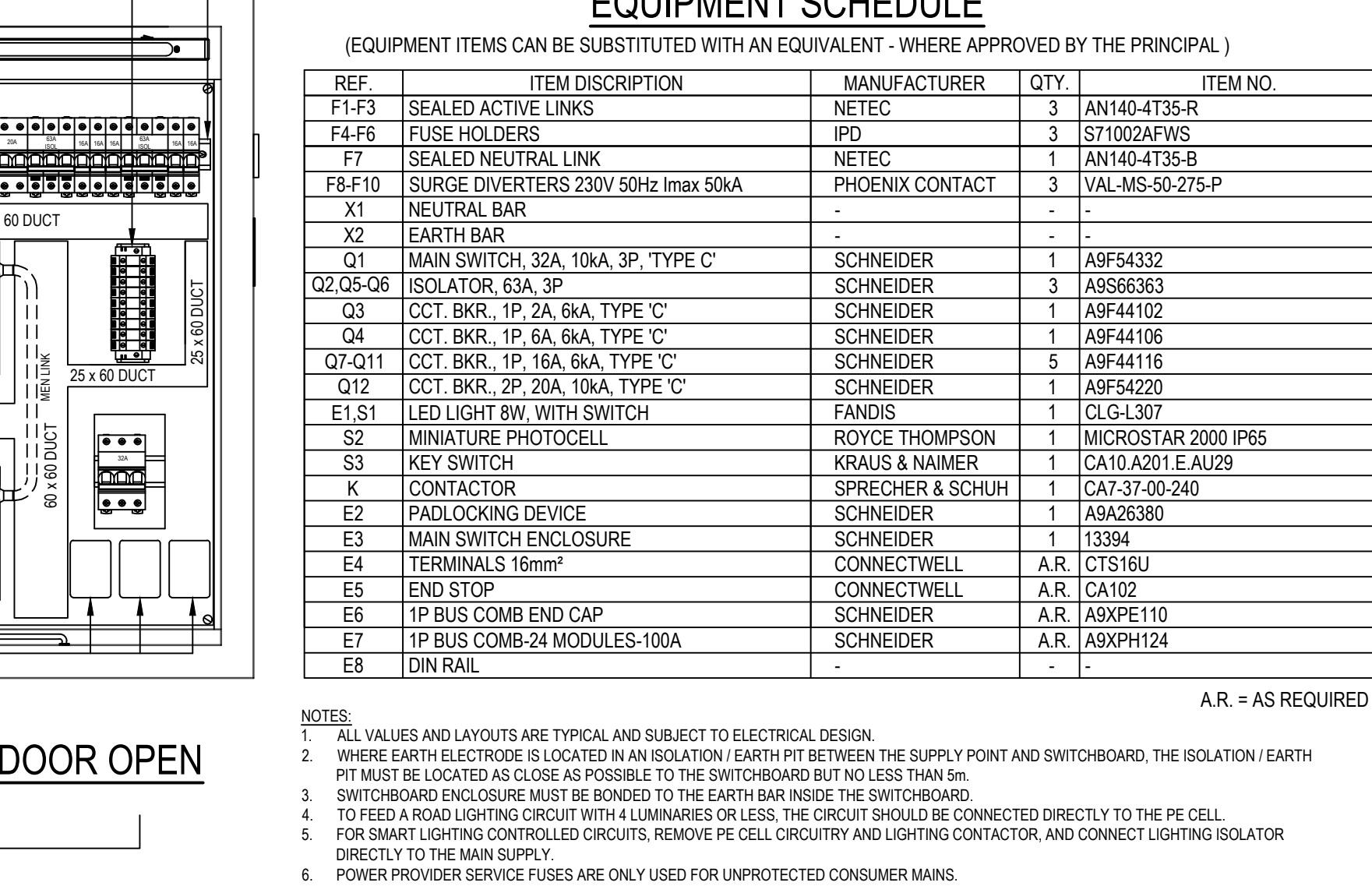
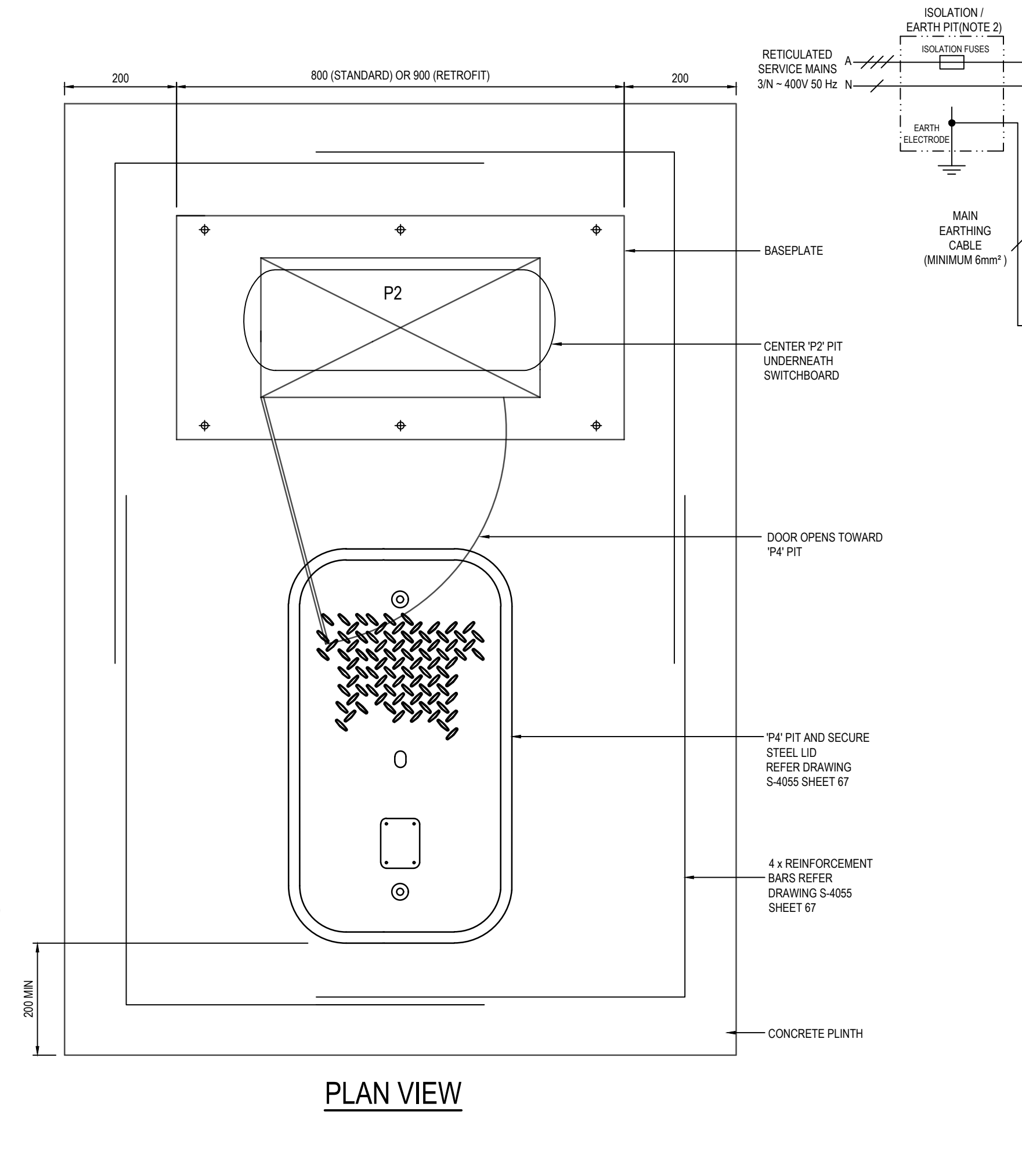




<u>EQUIPMENT SCHEDULE</u>					
(EQUIPMENT ITEMS CAN BE SUBSTITUTED WITH AN EQUIVALENT - WHERE APPROVED BY THE PRINCIPAL.)					
REF.	ITEM DIScription	MANUFACTURER	QTY.	ITEM NO.	
F1-F3	SEALED ACTIVE LINKS	NETEC	3	AN140-4735-R	
F4-F6	FUSE HOLDERS	IPD	3	S71002AFWS	
F7	SEALED NEUTRAL LINK	NETEC	1	AN140-4735-B	
F8-F10	SURGE DIVERTERS 230V 50Hz Imax 50KA	PHOENIX CONTACT	3	VAL-MS-50-275-P	
X1	NEUTRAL BAR	-	-		
X2	EARTH BAR	-	-		
Q1	MAIN SWITCH, 32A, 10KA, 3P, 'TYPE C'	SCHNEIDER	1	A9F54332	
Q2,Q5-Q6	ISOLATOR, 63A, 3P	SCHNEIDER	3	A9S66363	
Q7	CCT. BKR., 1P, 2A, 6KA, 'TYPE C'	SCHNEIDER	1	A9F44102	
Q8	CCT. BKR., 1P, 6A, 6KA, 'TYPE C'	SCHNEIDER	1	A9F44106	
Q7-Q11	CCT. BKR., 1P, 16A, 6KA, 'TYPE C'	SCHNEIDER	5	A9F44116	
Q12	CCT. BKR., 2P, 20A, 10KA, 'TYPE C'	SCHNEIDER	1	A9F54220	
E1,S1	LED LIGHT 8W, WITH SWITCH	FANDIS	1	CLG-L307	
S2	MINIATURE PHOTOCELL	ROYCE THOMPSON	1	MICROSTAR 2000 IP65	
S3	KEY SWITCH	KRAUS & NAIMER	1	CA10.A201.E.AU29	
K	CONTACTOR	SPRECHER & SCHUH	1	CA7-37-00-240	
E2	PADLOCKING DEVICE	SCHNEIDER	1	A9A26380	
E3	MAIN SWITCH ENCLOSURE	SCHNEIDER	1	13394	
E4	TERMINAL'S 16mm ²	CONNECTWELL	A.R.	C1S16U	
E5	END STOP	CONNECTWELL	A.R.	CA102	
E6	1P BUS COMB END CAP	SCHNEIDER	A.R.	A9XP6110	
E7	1P BUS COMB-24 MODULES-100A	SCHNEIDER	A.R.	A9XP124	
E8	DIN RAIL	-	-		

NOTES:

1. ALL VALUES AND LAYOUTS ARE TYPICAL AND SUBJECT TO ELECTRICAL DESIGN.
2. WHERE EARTH ELECTRODE IS LOCATED IN AN ISOLATION / EARTH PIT BETWEEN THE SUPPLY POINT AND SWITCHBOARD, THE ISOLATION / EARTH PIT MUST BE LOCATED AS CLOSE AS POSSIBLE TO THE SWITCHBOARD BUT NO LESS THAN 5m.
3. SWITCHBOARD ENCLOSURE MUST BE BONDED TO THE EARTH BAR INSIDE THE SWITCHBOARD.
4. TO FEED A ROAD LIGHTING CIRCUIT WITH 4 LUMINAIRES OR LESS, THE CIRCUIT SHOULD BE CONNECTED DIRECTLY TO THE PE CELL.
5. FOR SMART LIGHTING CONTROLLED CIRCUITS, REMOVE PE CELL CIRCUITRY AND LIGHTING CONTACTOR, AND CONNECT LIGHTING ISOLATOR DIRECTLY TO THE MAIN SUPPLY.
6. POWER PROVIDER SERVICE FUSES ARE ONLY USED FOR UNPROTECTED CONSUMER MAINS.

LABELS

NOTE: ALL LABELS TO BE RETAINED WITH SECURITY PINS

The diagram illustrates the placement of various electrical labels on a control panel. The labels are organized into several sections:

- Top Left:** A rectangular label containing the following text: DATE, PROJECT No, PART OF, TYPE OR OUTLINE, FORM OF PROTECTION, VOLTAGE & FREQUENCY, SHORT CIRCUIT CURRENT, CURRENT RATING, BACK UP PROTECTION.
- Top Right:** A rectangular label containing the following text: COMBIBAY, PROJECT #, CB1 CB3, 1, 400V 150k, 150A, SA POWER NETWORKS.
- Top Center:** A rectangular label containing the text: L1 - MAIN SWITCHBOARD.
- Middle Left:** A rectangular label containing the text: L2 - MAIN SWITCH 1 OF 1.
- Middle Center:** A rectangular label containing the text: L3 - LIGHTING CONTACTOR.
- Middle Left (Lower):** A rectangular label containing the text: L4 - PE CELL BYPASS SWITCH.
- Middle Center (Lower):** A rectangular label containing the text: L5 - PE CELL.
- Bottom Center:** A large red rectangular label containing the text: WARNING COMMON NEUTRAL - ISOLATE SWITCHBOARD BEFORE DISCONNECTING ANY NEUTRAL.
- Bottom Left:** A rectangular label containing the text: L7 - MAIN ISOLATOR.
- Bottom Center:** A rectangular label containing the text: SURGE DIVERTERS.
- Bottom Center (Lower):** A rectangular label containing the text: SWB LIGHTING.
- Bottom Center (Lower):** A rectangular label containing the text: CONTROL.
- Bottom Center (Lower):** A rectangular label containing the text: TRAFFIC SIGNALS.
- Bottom Center (Lower):** A rectangular label containing the text: LIGHTING ISOLATOR (CB1, CB2, CB3).
- Bottom Right:** A rectangular label containing the text: ROAD LIGHTING (CB1 CB2 CB3).
- Bottom Right:** A rectangular label containing the text: LIGHTING ISOLATOR (CB4, CB5).
- Bottom Right:** A rectangular label containing the text: CB4 CB5.

THIS SHEET SUPERSEDES DRAWING S-4055 SHEET 43