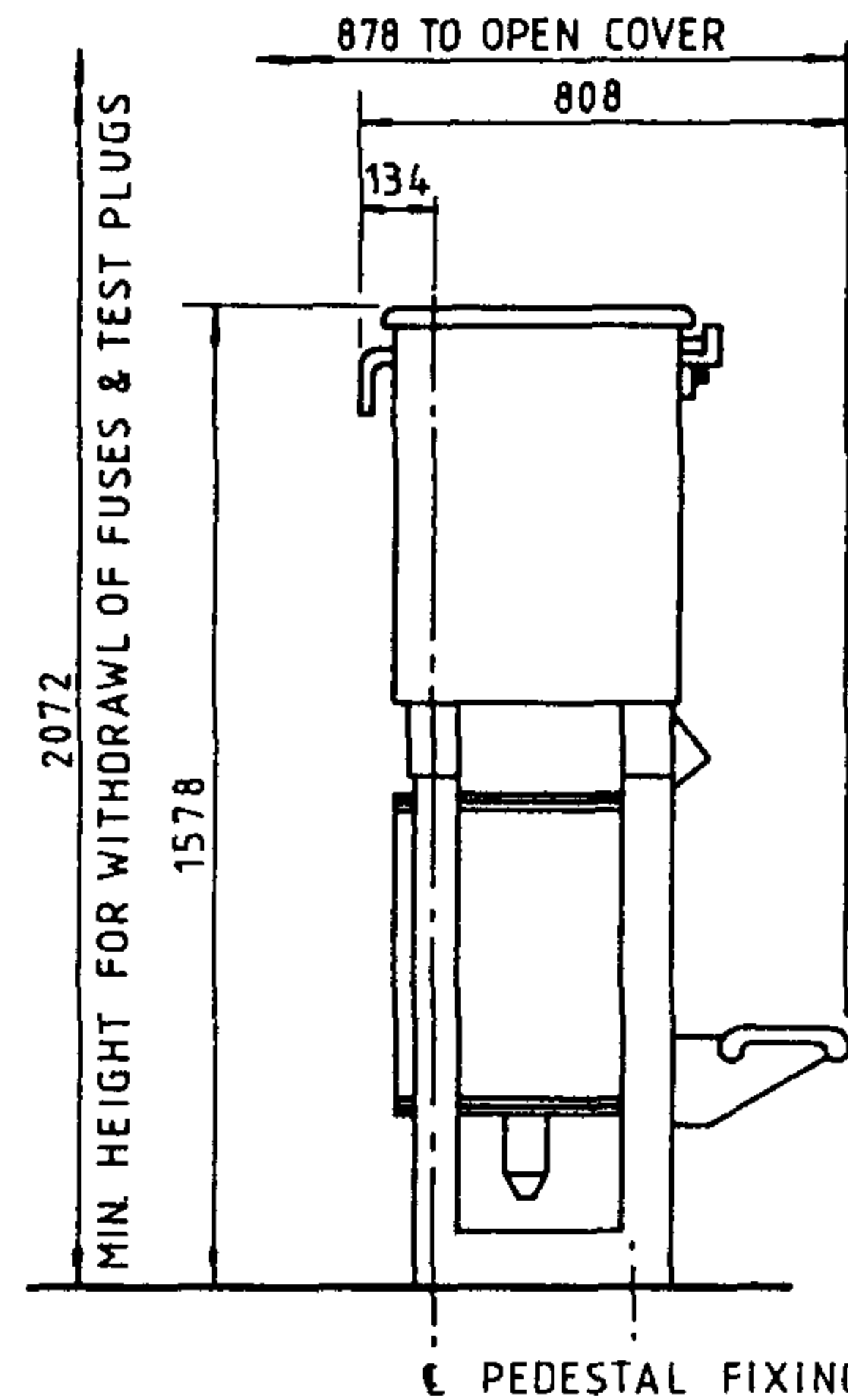
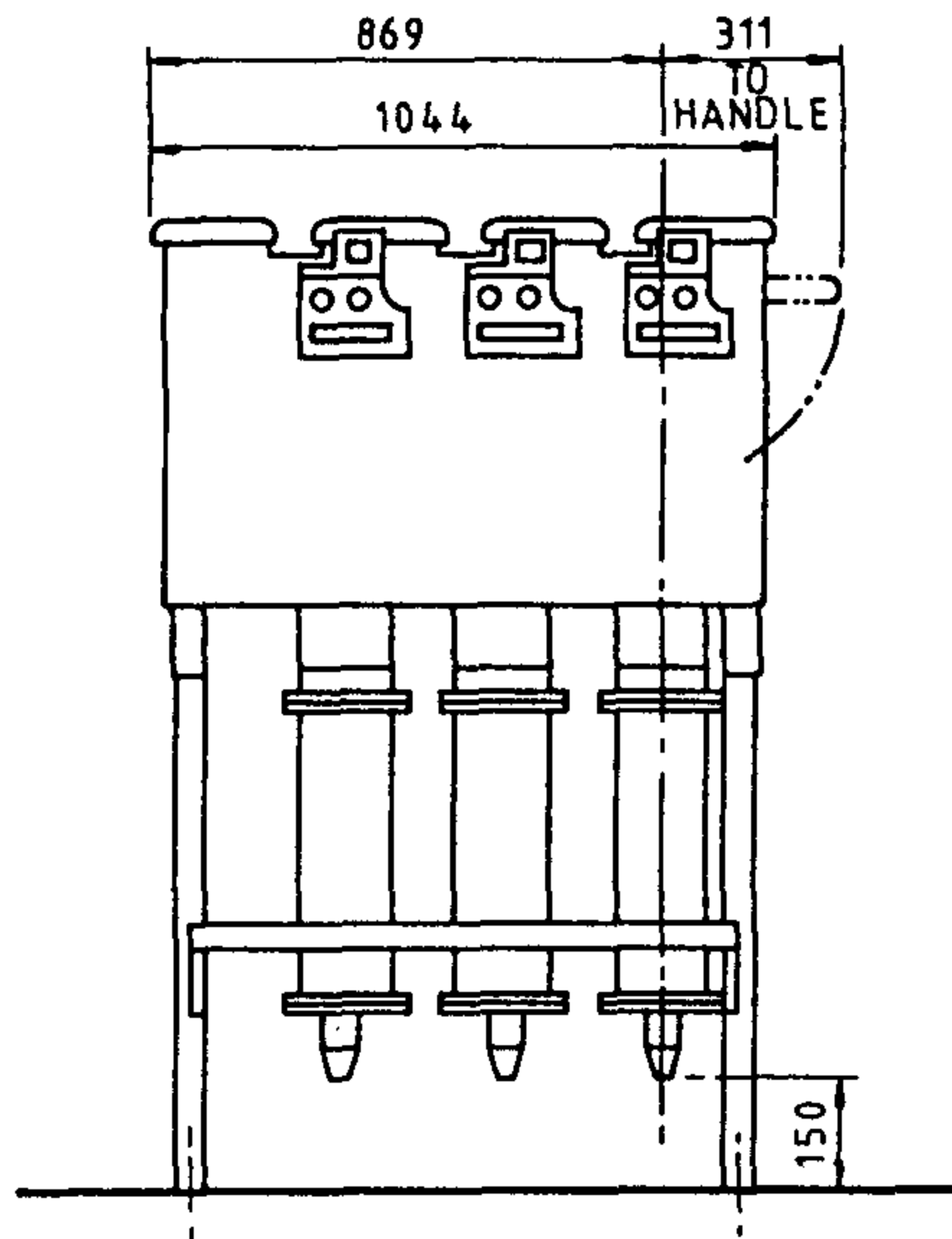


3RD ANGLE — DO NOT SCALE — REPORT ANY ERRORS, OMISSIONS TO DRAFTING OFFICE



PHYSICAL DIMENSIONS

NOTES

- UNIT SHALL BE ... (1) AN INDOOR/OUTDOOR UNIT FOR USE IN TROPICAL CONDITIONS.
- ... (2) TOTALLY ENCLOSED - VERMIN PROOF - METAL CLAD.
- ... (3) FRONT OPERATED ONLY.
- ... (4) NON EXTENSIBLE DESIGN.
- ... (5) SUITABLE FOR MOUNTING OVER 450mm WIDE OPEN CABLE DUCTS.

SUPPLY SYSTEM ... THREE PHASE , 50 HERTZ , 11,000 VOLTS , EARTHED NEUTRAL SYSTEM.

RATING ... 350 MVA AT 11 kV.

IMPULSE LEVEL ... 95 kV.

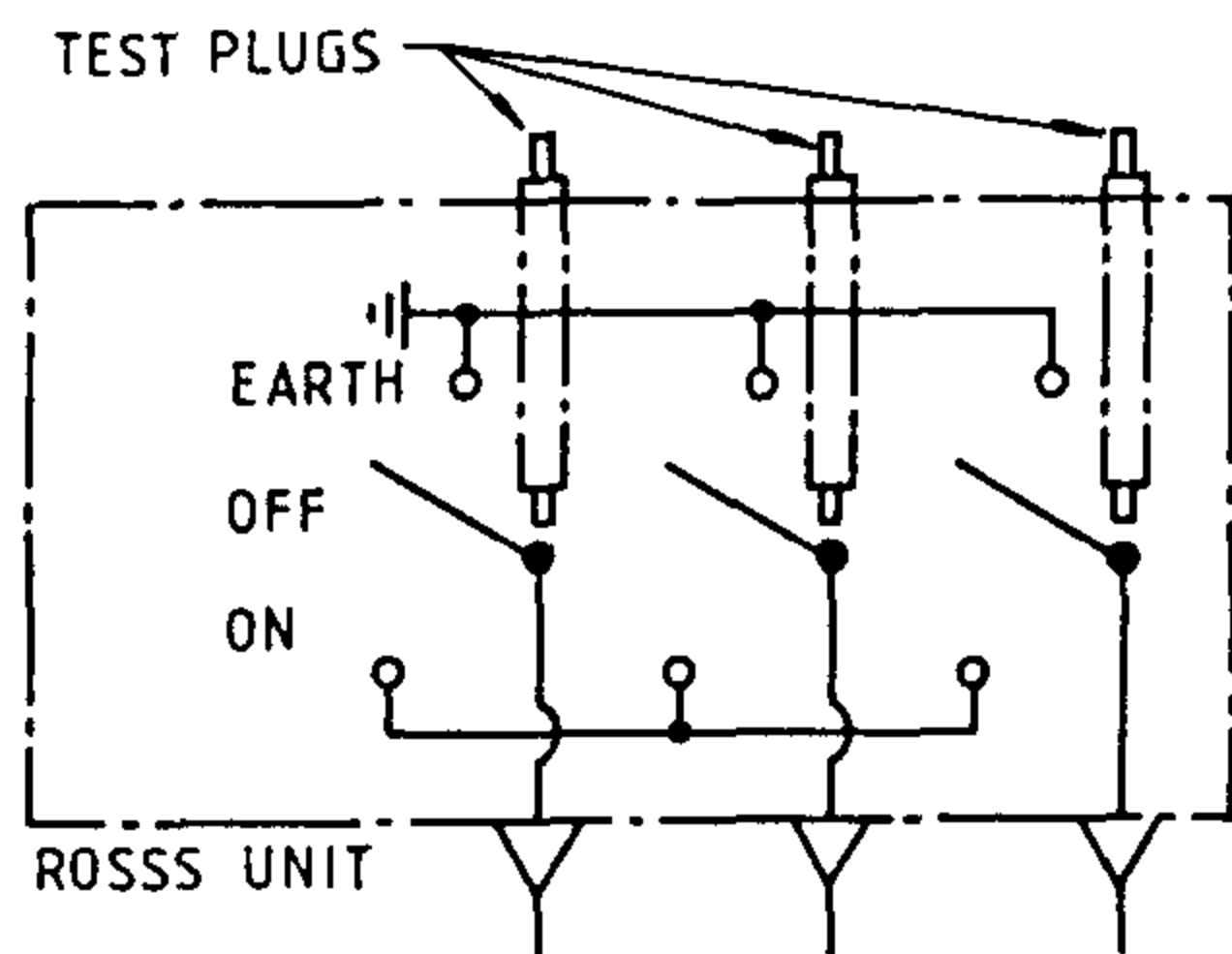
- FITTINGS ... (1) CABLE BOXES - TWO, RING BOXES SHALL BE SUITABLE FOR CABLES UP TO 400 mm, 3 CORE, 11kV, AL CABLE.
- ... (2) SIGHT GLASS OIL LEVEL INDICATORS FOR RING CHAMBERS.
 - ... (3) LIFTING LUGS.
 - ... (4) DRAIN VALVES "WITH LEAK PROOF CAPS" FOR DRAINING OF OIL FROM THE RING MAIN CHAMBER.
 - ... (5) PADLOCKING - PROVISION SHALL BE MADE FOR PADLOCKING THE SWITCHES IN "ON", "OFF" OR "EARTH" POSITION USING A PADLOCK HAVING 10mm DIA. HOOP.
 - ... (6) INTERLOCKING MECHANISM.
 - ... (7) OPERATING HANDLE POSITION INDICATORS.
 - ... (8) EARTHING CONTINUITY BUSBAR, CROSS SECTIONAL AREA NOT LESS THAN 300 mm².

TESTING ... SHALL BE IN ACCORDANCE WITH A.S.1025 & A.S. 2086.

TECHNICAL SPECIFICATION

- RATED VOLTAGE UP TO 15.5 kV
- RATED INSULATION LEVEL - 1.2/50 WAVE-FORM UP TO 110 kV
- POWER FREQUENCY UP TO 50kV RMS
- RATED NOMINAL CURRENT - SWITCH 630 A
- BUSBARS 630 A
- RATED BREAKING CURRENT - OIL SWITCHES ONLY
- FAULT RATINGS
- ASTA CERTIFIED TO BS2631-1955, COMPLIES ALSO WITH 6.6 kV - 250 MVA
- AS1025 AND AS2024. 11 kV - 350 MVA
- ADDITIONAL PROVING TESTS
- GENERALLY IN ACCORDANCE WITH BS2631-1955, 15.5 kV - 21.9 kA RMS
- AS1025 AND AS2024. 3 SEC. RATING
- 55.9 kA pk. MAKE

SCHEMATIC DIAGRAM



4	TITLE & Org NUMBER CHANGED	5/88	QIT		DES K. CHITT.	N T STANDARD DRAWING	
	AMENDMENT	DATE	INIT		DRN T. RICARDO	TITLE	SUBSTATIONS
					CKD <i>[Signature]</i>	OIL SWITCH UNIT 11kV	
					APPD <i>[Signature]</i>	REYROLLE ROSSS	
					ISSUED 4.2.86		
					DRAFTING STANDARD TO A.S. 1100	A3	DRAWING NUMBER S2-1-7-5
					ALL DIM. IN m.m.	SCALE	SHEET
							AMDT