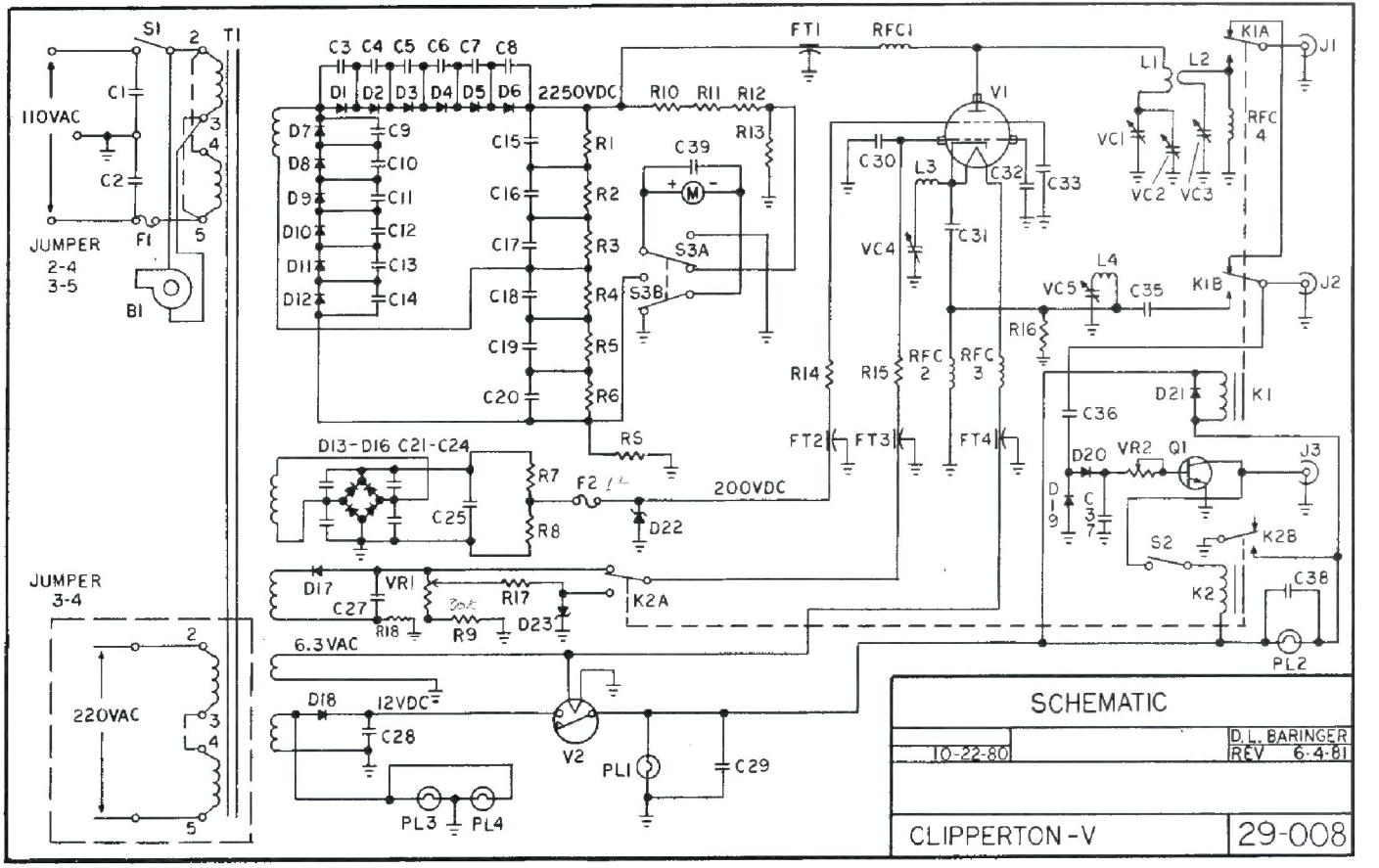
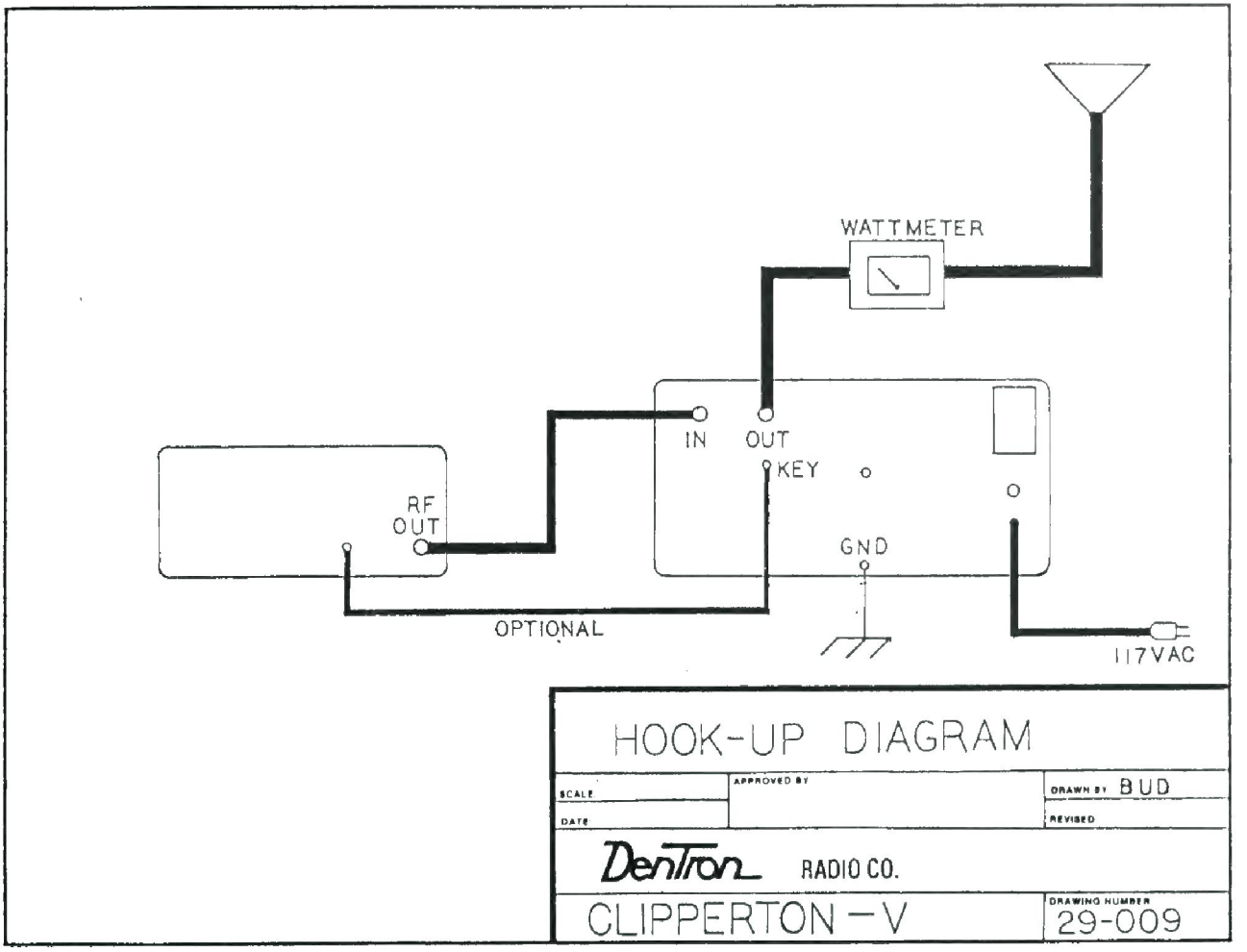

S1
T1
110VAC
C1
C2
JUMPER
2-4
3-5
F1
B1
C3 C4 C5 C6 C7 C8
D1 D2 D3 D4 D5 D6
2250VDC
D7
D8
D9
D10
D11
D12
C9
C10
C11
C12
C13
C14
C15
C16
C17
C18
C19
C20
R1
R2
R3
R4
R5
R6
C39
S3A
S3B
R10 R11 R12
R13
FT1
RFC1
V1
C30
L3
C31
C32
C33
VC4
L1
L2
VC1
VC2
VC3
RFC 4
K1A
J1
L4
VC5
C35
K1B
J2
R16
R14
R15
RFC 2
RFC 3
FT2
FT3
FT4
D21
K1
C36
D13-D16 C21-C24
C25
R7
R8
R9
R5
F2
200VDC
D22
D20
VR2
Q1
J3
D19
C37
S2
K2B
K2
C38
PL2
JUMPER
3-4
220VAC
D17
VR1
C27
R18
R17
D23
K2A
6.3VAC
D18
12VDC
C28
V2
PL1
C29
PL3
PL4
SCHEMATIC
10-22-80
D. L. BARINGER
REV 6-4-81
CLIPPERTON-V
29-008

CLIPPERTON V - PARTS LIST

RESISTORS	
R1 - R6, R13, R18	100K 2W
R7, R9	27K 2W
R8	47K 2W
R10 - R12	1 Meg 1W 1%
R14	470 ohm 2W
R15	100 ohm 2W
R16	100 ohm 10W
VR1	100K .5 ohm
VR2	1K .5 ohm
CAPACITORS	
C1 - C14; C21 - C24	.01U 1KV
C30, C32	
C15 - C20, C25	100Uf 450V Elect.
C27	100Uf 150V Elect:
C28	600Uf 25V Elect.
C29, C38	.001Uf 1KV
C31	200Pf S.M.
C33	Part of Socket SK600
C35	12Pf S.M.
C36	5Pf S.M.
C37	500Uf 25V Elect.
DIODES	
D1 - D16	M4G5 or Equivalent
D17, D18, D21	1N4007
D19, D20	1N4148
Q_1	2N2949
MISCELLANEOUS	
FT,1 - FT,4	.001Uf Feedthru Cap
RCF-1	Z144 Plate Choke
RFC-2, 3	Filament Choke
RFC-4	2.5Mh Choke
L_1	Primary Tank Coil
L_2	Output Link
L_3,L_4	Input Coil
S_1,S_2	SPST Switch
S_3	DPDT Switch
VC_1	24Pf Variable
VC_2,VC_3	8Pf Variable
VC_4,VC5	1-8Pf Piston Trimmers
PL-1, PL-2	382 Lamp
PL-3, PL-4	386 Lamp
V_1	4CX250B
V_2	6N060T Delay Replay
K_1,K_2	DPDT Relay
T_1	Power Transformer
B_1	Blower



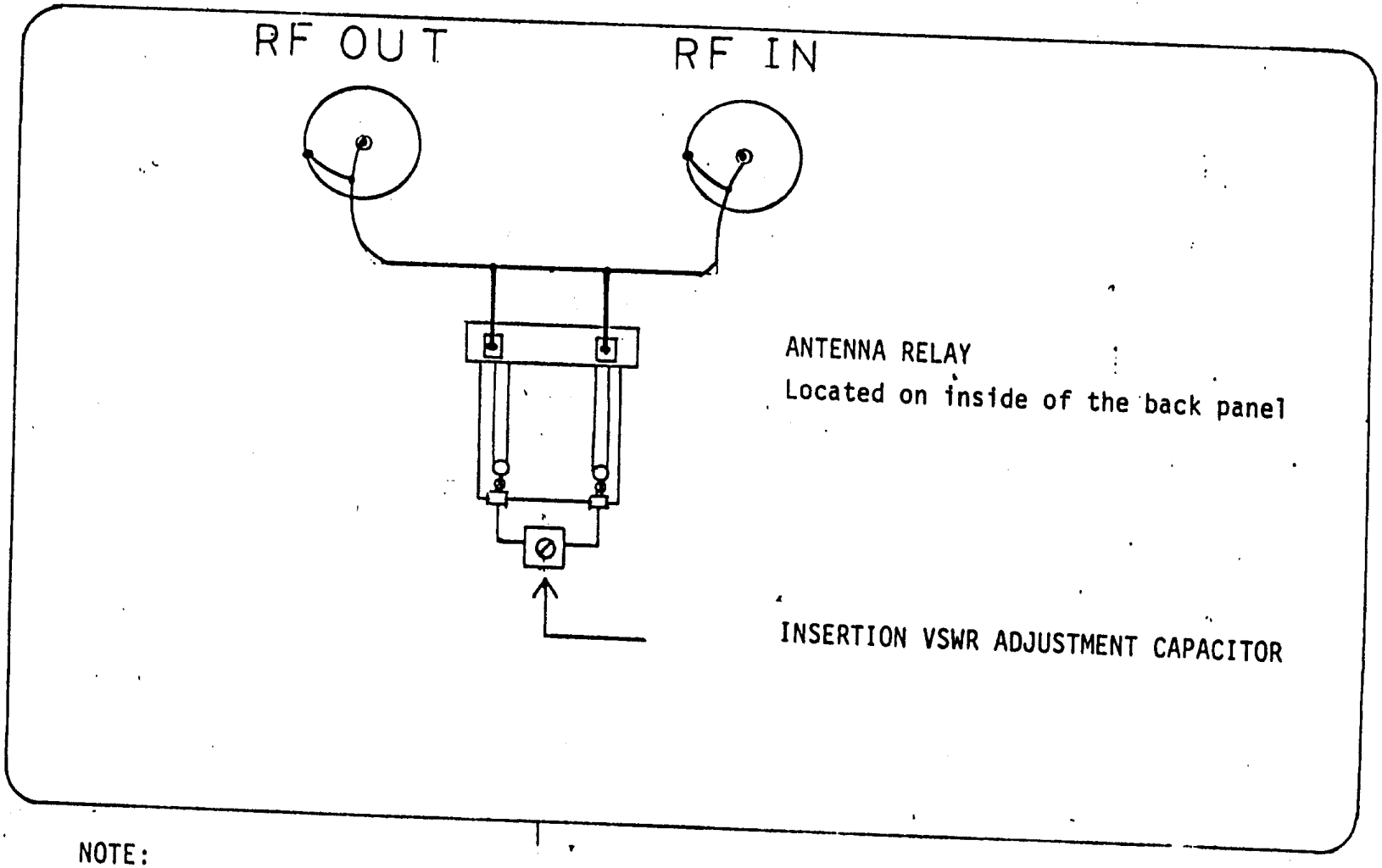
HOOK-UP DIAGRAM

SCALE	APPROVED BY	DRAWN BY BUD
DATE		REVISED

DenTron RADIO CO.

CLIPPERTON – V	DRAWING NUMBER 29-009

CLIPPERTON-V OWNERS MANUAL INSERTION SHEET #1



NOTE:

Adjust the insertion VSWR capacitor, for minimum VSWR to your transceiver while the Clipperton-V is in the standby mode.

This will be different in every application so, therefore, this adjustment cannot be factory set.