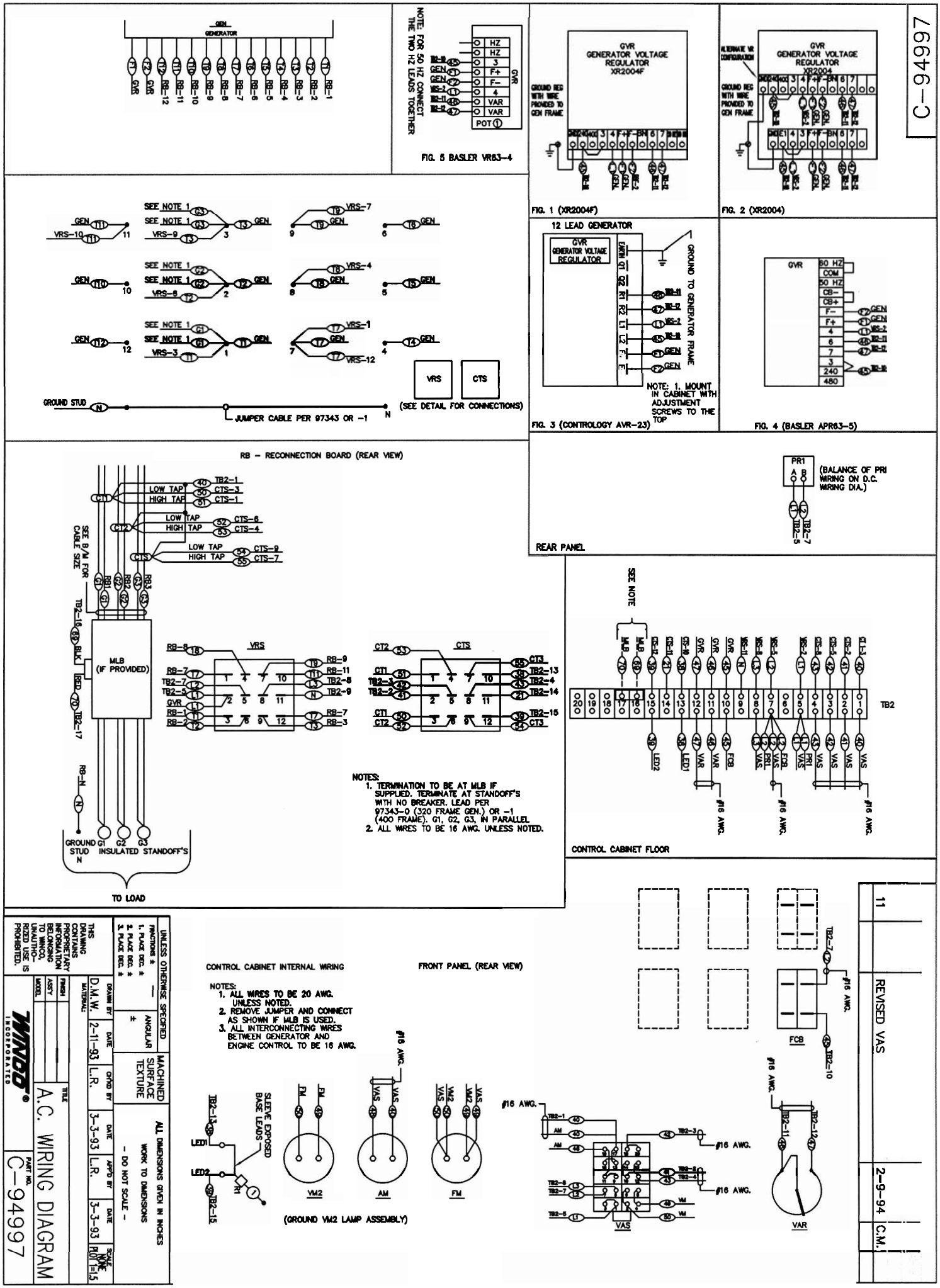
C-94997
GEN GENERATOR
GVR
RB-12
RB-11
RB-10
RB-9
RB-8
RB-7
RB-6
RB-5
RB-4
RB-3
RB-2
RB-1
NOTE: FOR 50 HZ CONNECT THE TWO HZ LEADS TOGETHER
HZ
HZ
3
F+
F-
4
VAR
VAR
POT
FIG. 5 BASLER VR63-4
GVR GENERATOR VOLTAGE REGULATOR XR2004F
GROUND REG WITH WIRE PROVIDED TO GEN FRAME
FIG. 1 (XR2004F)
GVR GENERATOR VOLTAGE REGULATOR XR2004
ALTERNATE VR CONFIGURATION
GROUND REG WITH WIRE PROVIDED TO GEN FRAME
FIG. 2 (XR2004)
SEE NOTE 1
GEN
VRS-10
VRS-9
VRS-8
VRS-3
VRS-4
VRS-1
VRS-12
GROUND STUD
JUMPER CABLE PER 97343 OR -1
VRS
CTS
(SEE DETAIL FOR CONNECTIONS)
12 LEAD GENERATOR
GVR GENERATOR VOLTAGE REGULATOR
GROUND TO GENERATOR FRAME
NOTE: 1. MOUNT IN CABINET WITH ADJUSTMENT SCREWS TO THE TOP
FIG. 3 (CONTROLOGY AVR-23)
GVR
50 HZ
COM
50 HZ
CB-
CB+
F-
F+
4
6
7
3
240
480
FIG. 4 (BASLER APR63-5)
RB - RECONNECTION BOARD (REAR VIEW)
LOW TAP
HIGH TAP
TB2-1
CTS-3
CTS-1
CTS-6
CTS-4
CTS-9
CTS-7
SEE B/M FOR CABLE SIZE
MLB (IF PROVIDED)
VRS
CTS
GROUND STUD
G1 G2 G3
INSULATED STANDOFF'S
TO LOAD
NOTES:
1. TERMINATION TO BE AT MLB IF SUPPLIED. TERMINATE AT STANDOFF'S WITH NO BREAKER. LEAD PER 97343-0 (320 FRAME GEN.) OR -1 (400 FRAME). G1, G2, G3, IN PARALLEL.
2. ALL WIRES TO BE 16 AWG. UNLESS NOTED.
PR1
(BALANCE OF PRI WIRING ON D.C. WIRING DIA.)
REAR PANEL
SEE NOTE
TB2
LED2
LED1
VAR
FCB
VAS
#16 AWG.
CONTROL CABINET FLOOR
CONTROL CABINET INTERNAL WIRING
NOTES:
1. ALL WIRES TO BE 20 AWG. UNLESS NOTED.
2. REMOVE JUMPER AND CONNECT AS SHOWN IF MLB IS USED.
3. ALL INTERCONNECTING WIRES BETWEEN GENERATOR AND ENGINE CONTROL TO BE 16 AWG.
FRONT PANEL (REAR VIEW)
SLEEVE EXPOSED BASE LEADS
VM2
AM
FM
VAS
(GROUND VM2 LAMP ASSEMBLY)
VAR
11
REVISED VAS
2-9-94
C.M.
UNLESS OTHERWISE SPECIFIED
FRACTIONS ±
1. PLACE DEC. ±
2. PLACE DEC. ±
3. PLACE DEC. ±
ANGULAR ±
MACHINED SURFACE TEXTURE
ALL DIMENSIONS GIVEN IN INCHES
WORK TO DIMENSIONS
- DO NOT SCALE -
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DRAWN BY D.M.W.
DATE 2-11-93
CHKD BY L.R.
DATE 3-3-93
APP'D BY L.R.
DATE 3-3-93
SCALE NONE
REV 01
1=15
MODEL
ASSY
FINISH
MATERIAL
WINCO INCORPORATED
TITLE A.C. WIRING DIAGRAM
PART NO. C-94997