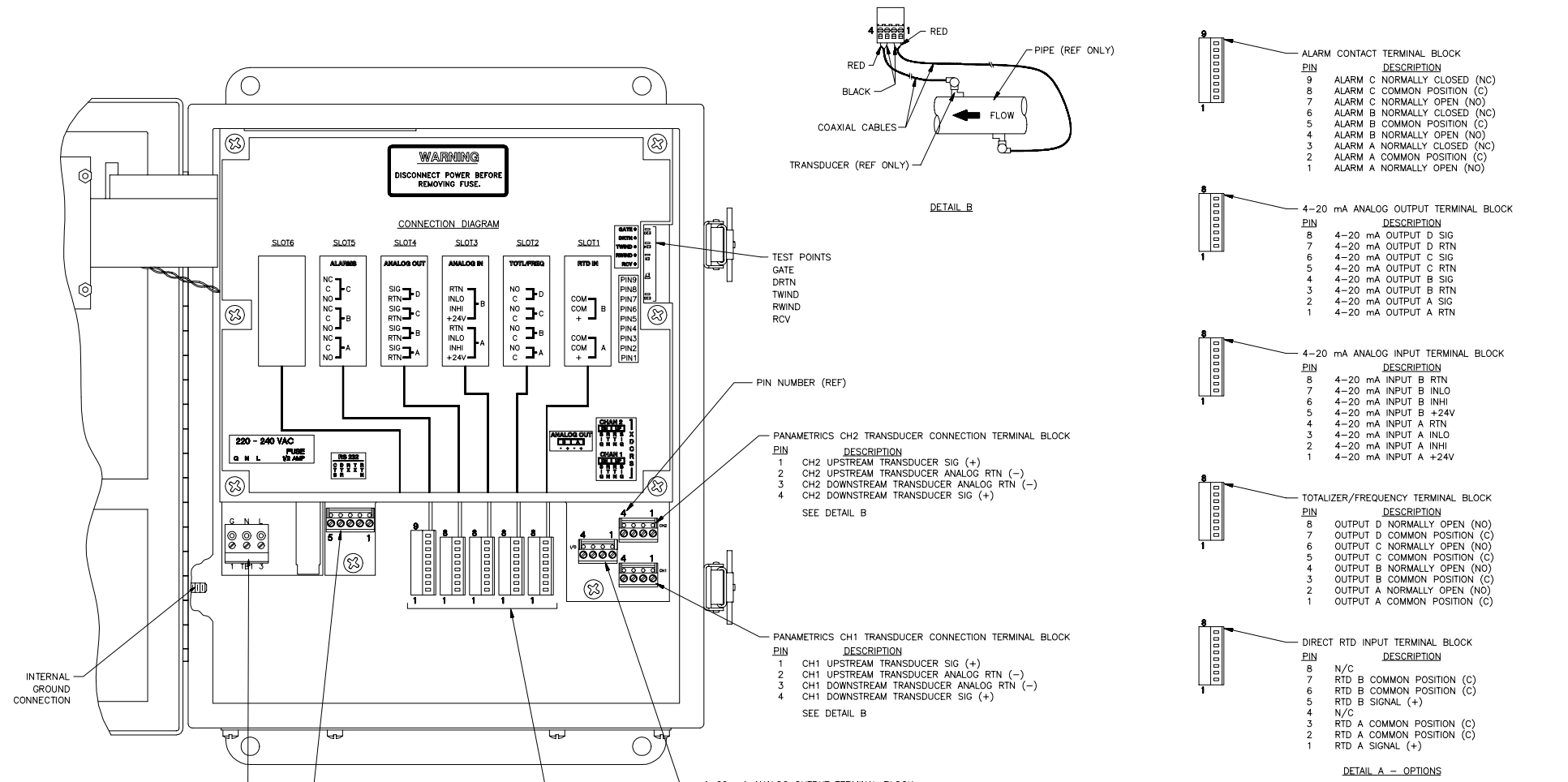


16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

REVISIONS						
REV	ECO	DESCRIPTIONS	DWN	CHKD	APVD	
A	01697	RELEASE TO ECO CONTROL	9/25/94	10/12/94	10/12/94	
B	01697	UPDATED PER ECO	6/8/95	6/8/95	6/15/95	
C	02676	UPDATED PER ECO	6/15/95	6/15/95	6/15/95	



ALARM CONTACT TERMINAL BLOCK

PIN	DESCRIPTION
9	ALARM C NORMALLY CLOSED (NC)
8	ALARM C COMMON POSITION (C)
7	ALARM C NORMALLY OPEN (NO)
6	ALARM B NORMALLY CLOSED (NC)
5	ALARM B COMMON POSITION (C)
4	ALARM B NORMALLY OPEN (NO)
3	ALARM A NORMALLY CLOSED (NC)
2	ALARM A COMMON POSITION (C)
1	ALARM A NORMALLY OPEN (NO)

4-20 mA ANALOG OUTPUT TERMINAL BLOCK

PIN	DESCRIPTION
8	4-20 mA OUTPUT D SIG
7	4-20 mA OUTPUT D RTN
6	4-20 mA OUTPUT C SIG
5	4-20 mA OUTPUT C RTN
4	4-20 mA OUTPUT B SIG
3	4-20 mA OUTPUT B RTN
2	4-20 mA OUTPUT A SIG
1	4-20 mA OUTPUT A RTN

4-20 mA ANALOG INPUT TERMINAL BLOCK

PIN	DESCRIPTION
8	4-20 mA INPUT B RTN
7	4-20 mA INPUT B INLO
6	4-20 mA INPUT B INHI
5	4-20 mA INPUT B +24V
4	4-20 mA INPUT A RTN
3	4-20 mA INPUT A INLO
2	4-20 mA INPUT A INHI
1	4-20 mA INPUT A +24V

TOTALIZER/FREQUENCY TERMINAL BLOCK

PIN	DESCRIPTION
8	OUTPUT D NORMALLY OPEN (NO)
7	OUTPUT D COMMON POSITION (C)
6	OUTPUT C NORMALLY OPEN (NO)
5	OUTPUT C COMMON POSITION (C)
4	OUTPUT B NORMALLY OPEN (NO)
3	OUTPUT B COMMON POSITION (C)
2	OUTPUT A NORMALLY OPEN (NO)
1	OUTPUT A COMMON POSITION (C)

DIRECT RTD INPUT TERMINAL BLOCK

PIN	DESCRIPTION
8	N/C
7	RTD B COMMON POSITION (C)
6	RTD B COMMON POSITION (C)
5	RTD B SIGNAL (+)
4	N/C
3	RTD A COMMON POSITION (C)
2	RTD A COMMON POSITION (C)
1	RTD A SIGNAL (+)

DETAIL A - OPTIONS

LINE POWER TERMINAL BLOCK

PIN	DESCRIPTION
1 G	EARTH GROUND CONNECTION
2 N	NEUTRAL CONNECTION
3 L	LINE POWER CONNECTION

RS232 TERMINAL BLOCK (TERMINAL OUT)

PIN	DESCRIPTION
1 RTN	DIGITAL RETURN
2 TX	TRANSMIT
3 RX	RECEIVE
4 DTR	DATA TERMINAL READY
5 CTS	CLEAR TO SEND

4-20 mA ANALOG OUTPUT TERMINAL BLOCK

PIN	DESCRIPTION
1	4-20 mA OUTPUT A SIG
2	4-20 mA OUTPUT A RTN
3	4-20 mA OUTPUT B SIG
4	4-20 mA OUTPUT B RTN

THIS DRAWING IS A FACTORY MUTUAL APPROVED DESIGN AND NO CHANGE IS PERMITTED UNLESS AUTHORIZED BY FACTORY MUTUAL.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONS DECIMALS ANGLES		 WALTHAM, MASS. 02154-3497
DRWN: NST 9/1/94 ENGR: NST 10/12/94 CHECKED: MPT 10/12/94 REV: 01697 MODEL NO.: 3000		
TITLE: 220-240 VAC WIRING DIAGRAM, DF868		SIZE: DRAWING NUMBER: 702-182 REV: C
REV: ECO	MODEL NO.: DF868	SCALE: NONE DO NOT SCALE DWG SHEET 1 OF 1

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1