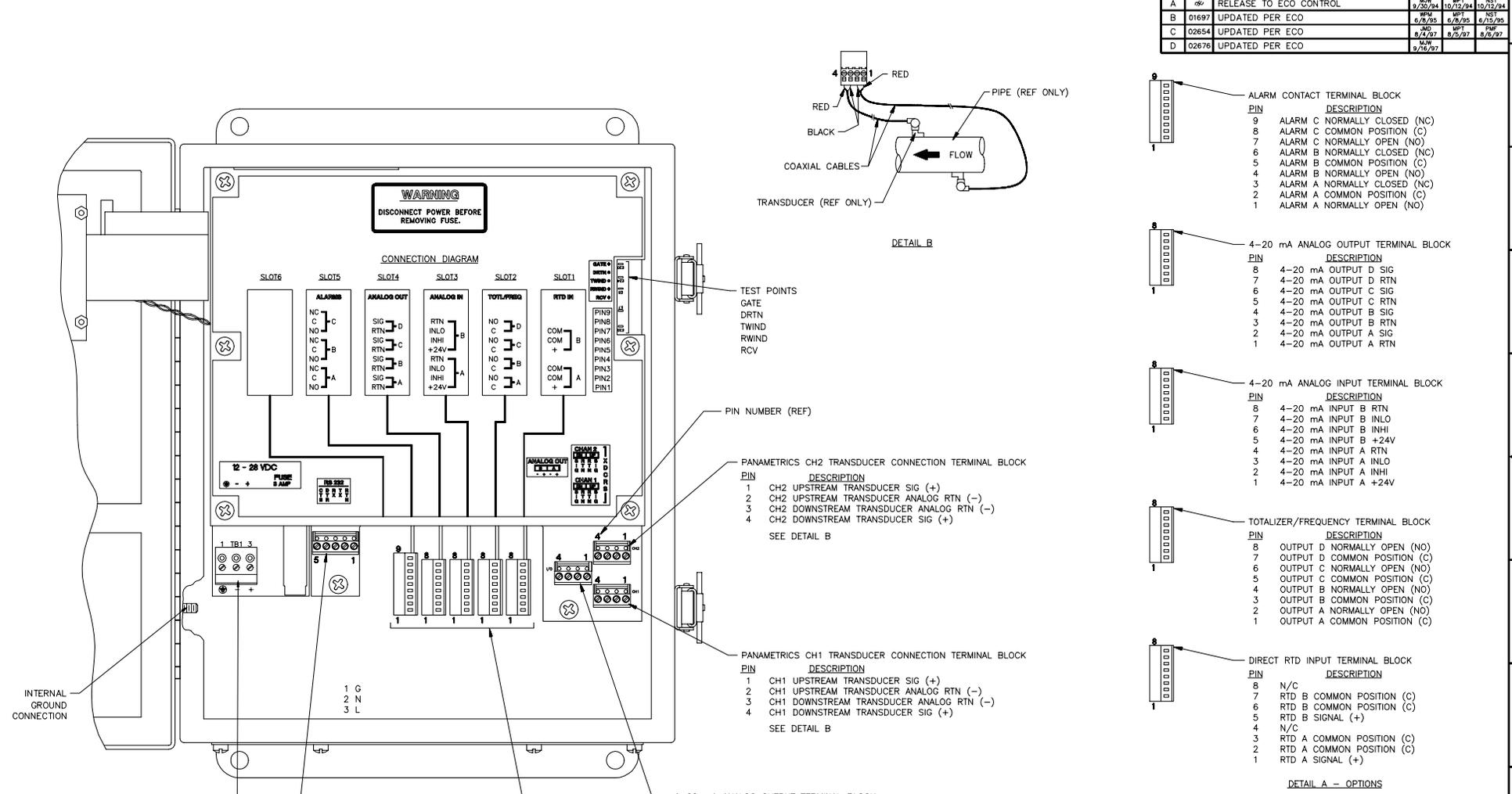


16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

REVISIONS					
REV	ECO	DESCRIPTIONS	DWN	CRD	APVD
A	01697	RELEASE TO ECO CONTROL	8/30/94	10/12/94	10/12/94
B	01697	UPDATED PER ECO	6/8/95	6/8/95	6/13/95
C	02654	UPDATED PER ECO	8/2/97	8/2/97	8/13/97
D	02676	UPDATED PER ECO	8/13/97	8/13/97	8/13/97



LINE POWER TERMINAL BLOCK

PIN	DESCRIPTION
3 +	POSITIVE TERMINAL CONNECTION
2 -	NEGATIVE TERMINAL CONNECTION
1 Ⓧ	GROUND TERMINAL 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

SEE DETAIL A

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

PANAMETRICS CH1 TRANSDUCER CONNECTION TERMINAL BLOCK

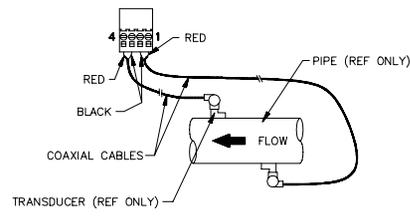
PIN	DESCRIPTION
1	CH1 UPSTREAM TRANSDUCER SIG (+)
2	CH1 UPSTREAM TRANSDUCER ANALOG RTN (-)
3	CH1 DOWNSTREAM TRANSDUCER ANALOG RTN (-)
4	CH1 DOWNSTREAM TRANSDUCER SIG (+)

SEE DETAIL B

PANAMETRICS CH2 TRANSDUCER CONNECTION TERMINAL BLOCK

PIN	DESCRIPTION
1	CH2 UPSTREAM TRANSDUCER SIG (+)
2	CH2 UPSTREAM TRANSDUCER ANALOG RTN (-)
3	CH2 DOWNSTREAM TRANSDUCER ANALOG RTN (-)
4	CH2 DOWNSTREAM TRANSDUCER SIG (+)

SEE DETAIL B



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 B SIG
4	4-20 mA OUTPUT B RTN
3	4-20 mA OUTPUT A SIG
2	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

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		PANAMETRICS WALTHAM, MASS. 02154-3497	
TITLE		12-28 VAC WIRING DIAGRAM, DF868	
DRAWN	ENGINEER	SIZE	DRAWING NUMBER
D 02676 NST 9/1/94	NST 10/12/94	D	702-183
C 02654 MPT 10/12/94			
B 01697			
A			
REV	ECO	MODEL NO.	SCALE NONE DO NOT SCALE DWG SHEET 1 OF 1
		DF868	

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