APPENDIX B

FLOW COMPUTER 683

CHANNEL ASSIGNMENTS AND CALIBRATION DATA

USER CHANNEL ASSIGNMENT WITH SCAN SEQUENCE VENT #2

Date: 02/17/88

Unit Serial #:

Sheet____of____

CHANNEL SCAN ☐ SEQUENCE

USER CHANNEL NUMBER	INPUT CHANNEL NUMBER	OUTPUT CHANNEL NUMBER	PSEUDO CHANNEL	COMMENTS
01	01			TEMP # 240 → FLOW 90
02	02			TEMP # 241 → FLOW 91
03	03			TEMP # 236 → FLOW 92
04	04			TEMP # 242 → FLOW 93
05	05			TEMP # 243 → FLOW 94
06	12			RJC SENSOR
07	13			FLOW # 90
08	15			FLOW # 91
09	17	63		FLOW # 92
10	19			FLOW # 93
11	21			FLOW # 94
12	14			FORCE INPUT in % Smi/v
13	00	00		F0/V
14	00	00		K FACTOR FOR FLOW #90
15	00	00		GPM 0 FOR FLOW #90
16	00	00		F1/V

CHANNEL SCAN ☐ SEQUENCE

USER CHANNEL NUMBER	INPUT CHANNEL NUMBER	OUTPUT CHANNEL NUMBER	PSEUDO CHANNEL	COMMENTS
17	00	00		K FACTOR FOR FLOW #91
18	00	00		GPM1 FOR FLOW #91
19	00	00		F2/V
20	00	00		K FACTOR FOR FLOW 92
21	00			GPM2 FOR FLOW #92
22	00	00		F3/V
23	00	00		K FACTOR FOR FLOW #93
24	00	00		GPM3 FOR FLOW #93
25	00	00		F4/V
26	00	00		K FACTOR FOR FLOW #94
27	00	00		GPM FOR FLOW #94
28	00	00		FORCE INPUT in FLLB
29				
30	00	00		K0
31	00	00		K1
32	00	00		K2

CHANNEL SCAN ☐ SEQUENCE

USER CHANNEL NUMBER	INPUT CHANNEL NUMBER	OUTPUT CHANNEL NUMBER	PSEUDO CHANNEL	COMMENTS
33	00	00		K3
34	00	00		K4
35	00	00		K5
36	00	00		K6

CHANNEL SCAN ☐ SEQUENCE

USER CHANNEL NUMBER	INPUT CHANNEL NUMBER	OUTPUT CHANNEL NUMBER	PSEUDO CHANNEL	COMMENTS

THIS MAINFRAME ATTACHED TO EXPANDER

S.N.

VENT T/S #2

AZONIX COMPUTATIONAL MEASUREMENT & CONTROL SYSTEM 1000

BURLINGTON, MA 01803

UNIT SERIAL NO.	870527012	DATE	
MAINFRAME	74F61-64-S1-T10-64	VERSION	V2.57G

(TOP)	BOARD	CONNECTOR	MODULES				
SLOT A	A061	ST01	PI02				
SERIAL NO.	263-869	870218004	870506037				
SLOT B	A061	ST01	PI02			PI02	
SERIAL NO.	162-864	870406037	870506033			870506035	
SLOT C	A061	ST01	PI02			PI02	
SERIAL NO.	566-768	870406007	870506039			870506038	
SLOT D	TC10	ST02					
SERIAL NO.	870506021	870522003					

Patents Pending Made in U.S.A.

THIS EXPANDER ATTACHED TO MAINFRAME

S.N.

VENT T/S #2

AZONIX COMPUTATIONAL MEASUREMENT & CONTROL SYSTEM 1000

BURLINGTON, MA 01803

UNIT SERIAL NO.		DATE	5/26/87
MAINFRAME		VERSION	

(TOP)	BOARD	CONNECTOR	MODULES			
SLOT A						
SERIAL NO.						
SLOT B						
SERIAL NO.						
SLOT C	R046	ST01				
SERIAL NO.		870406024				
SLOT D	AIB1	ST01		BR02		
SERIAL NO.	366-718	870218005		871027002		

Patents Pending Made in U.S.A.

TC10 CALIBRATION DATA

SERIAL NUMBER 8 7 0 5 0 6 0 2 1

I/O AND USER CHANNEL NUMBER	ST02 CONNECTOR* POSITIVE INPUT	NEGATIVE INPUT	CALIBRATION CONSTANTS SLOPE "M"	ZERO "B"
(01)	#1	#2	4.63448E-01	-1.35322E01
(02)	#3	#4	4.63439E-01	-1.40886E01
(03)	#5	#6	4.63439E-01	-1.91864E01
(04)	#7	#8	4.63439E-01	-1.54789E01
(05)	#9	#10	4.63439E-01	-1.73326E01
(06)	#11	#12	4.63444E-01	-1.79816E01
(07)	#13	#14	4.63439E-01	-1.73326E01
(08)	#15	#16	4.63439E-01	-1.45520E01
(09)	#17	#18	4.63448E-01	-1.86306E01
(10)	#19	#20	4.63439E-01	-1.73326E01
(11)	EMPTY CHANNEL		1.00000E00	0.00000E00
(12)	RJC CHANNEL		7.73461E-03	-1.64223E00

* TC10 SIGNAL INPUT CONNECTIONS

See "Rear Panel ST02 Connector Assignment" in "System 1000 Manual" for detailed connector information. Note that the ST02 position #1 is located on left edge of connector when System is viewed from rear. Position #23 is chassis ground.

REAR CONNECTOR ROW: [ ] A (TOP) [ ] B [ ] C [✓] D (BOTTOM)

I/O SETUP PARAMETERS FOR PIO2 — SERIAL NUMBER 87C5C6C39

HIGH RESOLUTION PULSE INPUT CHANNEL (SQUARE WAVE)

This input channel has been factory installed into the System 1000 with the I/O Configuration Parameters as shown below. To review or change the programmed parameters see "I/O Channel Programming", Section 4 of the "AZONIX SYSTEM 1000 INSTRUCTION MANUAL".

KEYBOARD ACTION PRESS	SYSTEM DISPLAY: I/O CHANNEL NUMBER	DATA DISPLAY	ALPHA DISPLAY
"YES"	(13)		INP?
"YES"	| |		NMX?
"DOWN"	| |		PLS
"DOWN"	| |		FRQ
"DOWN"	| |	1 0	CYCL
"DOWN"	| |	4 5	WAIT
"DOWN"	| |		MX+B
"DOWN"	| |		M
"DOWN"	| |	9.99878	E-01
"DOWN"	| |		B
"DOWN"	| |	0.0 0 0 0 0	E 00
"DOWN"	| |	9 9 9 9 9 9	+FSC
"DOWN"	| |	0 0 0 0 0 0	-FSC
"DOWN"	\/		END

I/O CONNECTIONS

(See "Rear Panel ST01 Connector Assignment" in "System 1000 Manual".)

CONNECTOR ROW		CONNECTOR POSITION #*			
ROW	LOCATION	APPLICABLE POSITIONS	PULSE INPUT+	PULSE INPUT-	SHIELD
[ ]	A (TOP)				
[ ]	B	[✓]	#6	#7	#5
[✓]	C				
[ ]	D (BOTTOM)	[ ]	#13	#14	#12

* NOTE: ST01 POSITION #1 is located on left edge of connector when System is viewed from rear. POSITIONS #4 & #11 are chassis ground.

I/O SETUP PARAMETERS FOR PIO2 - SERIAL NUMBER 87C5C6038

HIGH RESOLUTION PULSE INPUT CHANNEL (SQUARE WAVE)

This input channel has been factory installed into the System 1000 with the I/O Configuration Parameters as shown below. To review or change the programmed parameters see "I/O Channel Programming", Section 4 of the "AZONIX SYSTEM 1000 INSTRUCTION MANUAL".

KEYBOARD ACTION PRESS	I/O CHANNEL NUMBER	SYSTEM DISPLAY DATA DISPLAY	SYSTEM DISPLAY ALPHA DISPLAY
"YES"	(15)		INP?
"YES"	||		NMX?
"DOWN"	||		PLS
"DOWN"	||		FRQ
"DOWN"	||	10	CYCL
"DOWN"	||	45	WAIT
"DOWN"	||		MX+B
"DOWN"	||		M
"DOWN"	||	9.99878	E-01
"DOWN"	||		B
"DOWN"	||	0.00000	E 00
"DOWN"	||	999999	+FSC
"DOWN"	||	000000	-FSC
"DOWN"	\/		END

I/O CONNECTIONS

(See "Rear Panel ST01 Connector Assignment" in "System 1000 Manual".)

CONNECTOR ROW		CONNECTOR POSITION #*			
ROW	LOCATION	APPLICABLE POSITIONS	PULSE INPUT+	PULSE INPUT-	SHIELD
[ ]	A (TOP)				
[ ]	B	[ ]	#6	#7	#5
[✓]	C				
[ ]	D (BOTTOM)	[✓]	#13	#14	#12

* NOTE: ST01 POSITION #1 is located on left edge of connector when System is viewed from rear. POSITIONS #4 & #11 are chassis ground.

I/O SETUP PARAMETERS FOR PIO2 — SERIAL NUMBER 8 7 0 5 0 6 0 3 3

HIGH RESOLUTION PULSE INPUT CHANNEL (SQUARE WAVE)

This input channel has been factory installed into the System 1000 with the I/O Configuration Parameters as shown below. To review or change the programmed parameters see "I/O Channel Programming", Section 4 of the "AZONIX SYSTEM 1000 INSTRUCTION MANUAL".

KEYBOARD ACTION PRESS	I/O CHANNEL NUMBER	SYSTEM DISPLAY DATA DISPLAY	SYSTEM DISPLAY ALPHA DISPLAY
"YES"	(17)		INP?
"YES"	||		NMX?
"DOWN"	||		PLS
"DOWN"	||		FRQ
"DOWN"	||	1 0	CYCL
"DOWN"	||	4 5	WAIT
"DOWN"	||		MX+B
"DOWN"	||		M
"DOWN"	||	9.99828	E-01
"DOWN"	||		B
"DOWN"	||	0.0 0 0 0 0	E 00
"DOWN"	||	9 9 9 9 9 9	+FSC
"DOWN"	||	0 0 0 0 0 0	-FSC
"DOWN"	\/		END

I/O CONNECTIONS

(See "Rear Panel STO1 Connector Assignment" in "System 1000 Manual".)

CONNECTOR ROW		CONNECTOR POSITION #*			
ROW	LOCATION	APPLICABLE POSITIONS	PULSE INPUT+	PULSE INPUT-	SHIELD
[ ]	A (TOP)				
[✓]	B	[✓]	#6	#7	#5
[ ]	C				
[ ]	D (BOTTOM)	[ ]	#13	#14	#12

* NOTE: STO1 POSITION #1 is located on left edge of connector when System is viewed from rear. POSITIONS #4 & #11 are chassis ground.

I/O SETUP PARAMETERS FOR PIO2 — SERIAL NUMBER 8 7 0 5 0 6 0 3 5

HIGH RESOLUTION PULSE INPUT CHANNEL (SQUARE WAVE)

This input channel has been factory installed into the System 1000 with the I/O Configuration Parameters as shown below. To review or change the programmed parameters see "I/O Channel Programming", Section 4 of the "AZONIX SYSTEM 1000 INSTRUCTION MANUAL".

KEYBOARD ACTION PRESS	SYSTEM DISPLAY: I/O CHANNEL NUMBER	DATA DISPLAY	ALPHA DISPLAY
"YES"	(19)		INP?
"YES"	| |		NMX?
"DOWN"	| |		PLS
"DOWN"	| |		FRQ
"DOWN"	| |	1 0	CYCL
"DOWN"	| |	4 5	WAIT
"DOWN"	| |		MX+B
"DOWN"	| |		M
"DOWN"	| |	9.99860	E-01
"DOWN"	| |		B
"DOWN"	| |	0.0 0 0 0 0	E 00
"DOWN"	| |	9 9 9 9 9 9	+FSC
"DOWN"	| |	0 0 0 0 0 0	-FSC
"DOWN"	\/		END

I/O CONNECTIONS

(See "Rear Panel ST01 Connector Assignment" in "System 1000 Manual".)

CONNECTOR ROW		CONNECTOR POSITION #*			
ROW	LOCATION	APPLICABLE POSITIONS	PULSE INPUT+	PULSE INPUT-	SHIELD
[ ]	A (TOP)				
[✓]	B	[ ]	#6	#7	#5
[ ]	C				
[ ]	D (BOTTOM)	[✓]	#13	#14	#12

* NOTE: ST01 POSITION #1 is located on left edge of connector when System is viewed from rear. POSITIONS #4 & #11 are chassis ground.

I/O SETUP PARAMETERS FOR PIO2 SERIAL NUMBER 8 7 0 5 0 6 0 3 7

HIGH RESOLUTION PULSE INPUT CHANNEL (SQUARE WAVE)

This input channel has been factory installed into the System 1000 with the I/O Configuration Parameters as shown below. To review or change the programmed parameters see "I/O Channel Programming", Section 4 of the "AZONIX SYSTEM 1000 INSTRUCTION MANUAL".

KEYBOARD ACTION PRESS	I/O CHANNEL NUMBER	SYSTEM DISPLAY DATA DISPLAY	SYSTEM DISPLAY ALPHA DISPLAY
"YES"	(21)		INP?
"YES"	|		NMX?
"DOWN"	|		PLS
"DOWN"	|		FRQ
"DOWN"	|	1 0	CYCL
"DOWN"	|	4 5	WAIT
"DOWN"	|		MX+B
"DOWN"	|		M
"DOWN"	|	9.9 9 8 7 4	E-01
"DOWN"	|		B
"DOWN"	|	0.0 0 0 0 0	E 00
"DOWN"	|	9 9 9 9 9 9	+FSC
"DOWN"	|	0 0 0 0 0 0	-FSC
"DOWN"	\/		END

I/O CONNECTIONS

(See "Rear Panel ST01 Connector Assignment" in "System 1000 Manual".)

CONNECTOR ROW		CONNECTOR POSITION #*			
ROW	LOCATION	APPLICABLE POSITIONS	PULSE INPUT+	PULSE INPUT-	SHIELD
[✓]	A (TOP)				
[ ]	B	[✓]	#6	#7	#5
[ ]	C				
[ ]	D (BOTTOM)	[ ]	#13	#14	#12

* NOTE: ST01 POSITION #1 is located on left edge of connector when System is viewed from rear. POSITIONS #4 & #11 are chassis ground.

I/O SETUP PARAMETERS FOR BRO2 SERIAL NUMBER 87102700 2

4 WIRE STRAIN GAGE INPUT CHANNEL (-5 TO +50mV)

This input channel has been factory installed into the System 1000 with the I/O Configuration Parameters as shown below. To review or change the programmed parameters see "I/O Channel Programming", Section 4 of the "AZONIX SYSTEM 1000 INSTRUCTION MANUAL".

KEYBOARD ACTION PRESS	I/O CHANNEL NUMBER	SYSTEM DISPLAY DATA DISPLAY	SYSTEM DISPLAY ALPHA DISPLAY
"YES"	(14)		INP?
"YES"			NMX?
"DOWN"	|		A/D
"DOWN"	|		V/I
"DOWN"	|	75	WAIT
"DOWN"	|	10	CALI
"DOWN"	|		MX+B
"DOWN"	|		M
"DOWN"	|	4.18438	E-04
"DOWN"	|		B
"DOWN"	|	-000.006	E 00
"DOWN"	|	999999	+FSC
"DOWN"	|	000000	-FSC
"DOWN"	\/		END

I/O CONNECTIONS
(See "Rear Panel ST01 Connector Assignment" in "System 1000 Manual".)

Note that an external Excitation Supply of 12VDC is required, see Product Datasheet #F19-100054.

|--- CONNECTOR ROW ---| |------ CONNECTOR POSITION #* ------|

ROW	LOCATION	APPLICABLE POSITIONS [✓]	[ ]	POSITION FUNCTION
[ ]	A (TOP)	#2	#9	EXCITATION "+"
[ ]	B	#6	#13	SIGNAL INPUT "+"
[ ]	C	#7	#14	SIGNAL INPUT "-"
[✓]	D (BOTTOM)	#3	#10	EXCITATION "-"
		#5	#12	SIGNAL SHIELD
		#1	#8	EXCITATION SHIELD

* NOTE: ST01 POSITION #1 is located on left edge of connector when System is viewed from rear. POSITIONS #4 & #11 are chassis ground.

I/O SETUP PARAMETERS FOR RO46 RELAY BOARD

One channel of the RO46 Relay Board has been installed into the SYSTEM 1000 as a physical channel number 55 (XX) with parameters as listed below. (To review or change the programmed parameters see "I/O Channel Programming," page 4-11 of "Azonix System 1000 Instruction Manual".)

KEYBOARD ACTION	DISPLAY		
PRESS	CH #	DATA DISPLAY	ALPHA DISPLAY
"YES"	XX		OUT?
"DOWN"	XX		ALM
"DOWN"	XX	01	BYTE
"DOWN"	XX		MX+B
"DOWN"	XX		M
"DOWN"	XX	1.00000	E 00
"DOWN"	XX		B
"DOWN"	XX	000000.	E 00
"DOWN"	XX	999999	+FSC
"DOWN"	XX	000000	-FSC
"DOWN"	XX		END

I/O CONNECTIONS

(See "Rear Panel Connector Assignment" in "System 1000 Manual" and page 17 and 18 in "Setup and Programming Instructions for RO46 Relay Output Board".)

F19-100032 REV0

R046 CONFIGURATION WORKSHEET FOR RELAY # 1

USER CHANNEL REFERENCE DATA

User Channel Number Setting This Relay: 09

User Channel Number Resetting This Relay*: 09

Relay Channel Number-Physical Output Channel ("PCHO" Entry): 63

TRIPPOINT ASSIGNMENT

- All High ☐
- 3 Low - 3 High ☑
- All Low ☐

RELAY INPUT DATA

USER CHANNEL TRIPPOINT		RELAY ACTION	
Designation	Value	SET	RESET*
ALM2-Alarm 2		☐	☐
SP2 -Setpoint 2	1000HZ	☑	☐
DBH -Deadband High		☐	☐
SP -Setpoint		☐	☐
DBL -Deadband Low		☐	☐
SP1 -Setpoint 1	950 HZ	☐	☑
ALM1-Alarm 1		☐	☐

*Note that RESET is always automatic for Relay #5 and 6 and that all other relays reset automatically unless a RESET signal is applied i.e. a pin is inserted into the matrix pin board to connect the RESET input to a trippoint signal.

RELAY CONTACTS

Normally Open (NO) ☑ Normally Closed (NC) ☐

REAR TERMINAL CONNECTIONS

Connector Row C

Terminal Positions 1 & 2

JUMPER AT MIDDLE SECTION 10A & 63
RELAY #1 CHANNEL 63
JUMPER AT NO

F19-100031 REV0

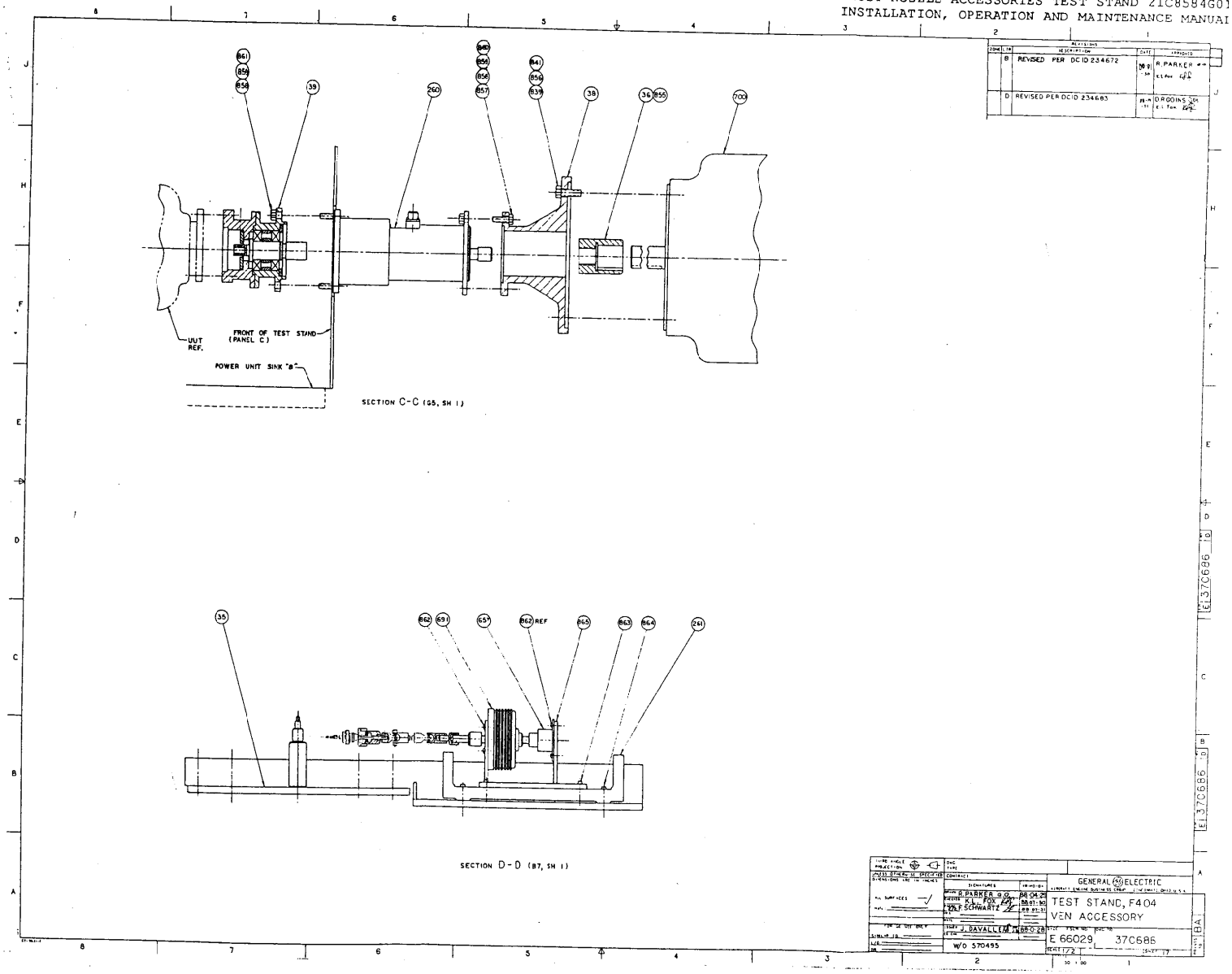


Figure 8.10. Power Unit Drive Adaptor, Actuator/Transmitter Test Fixture (37C686 Sheet 17)

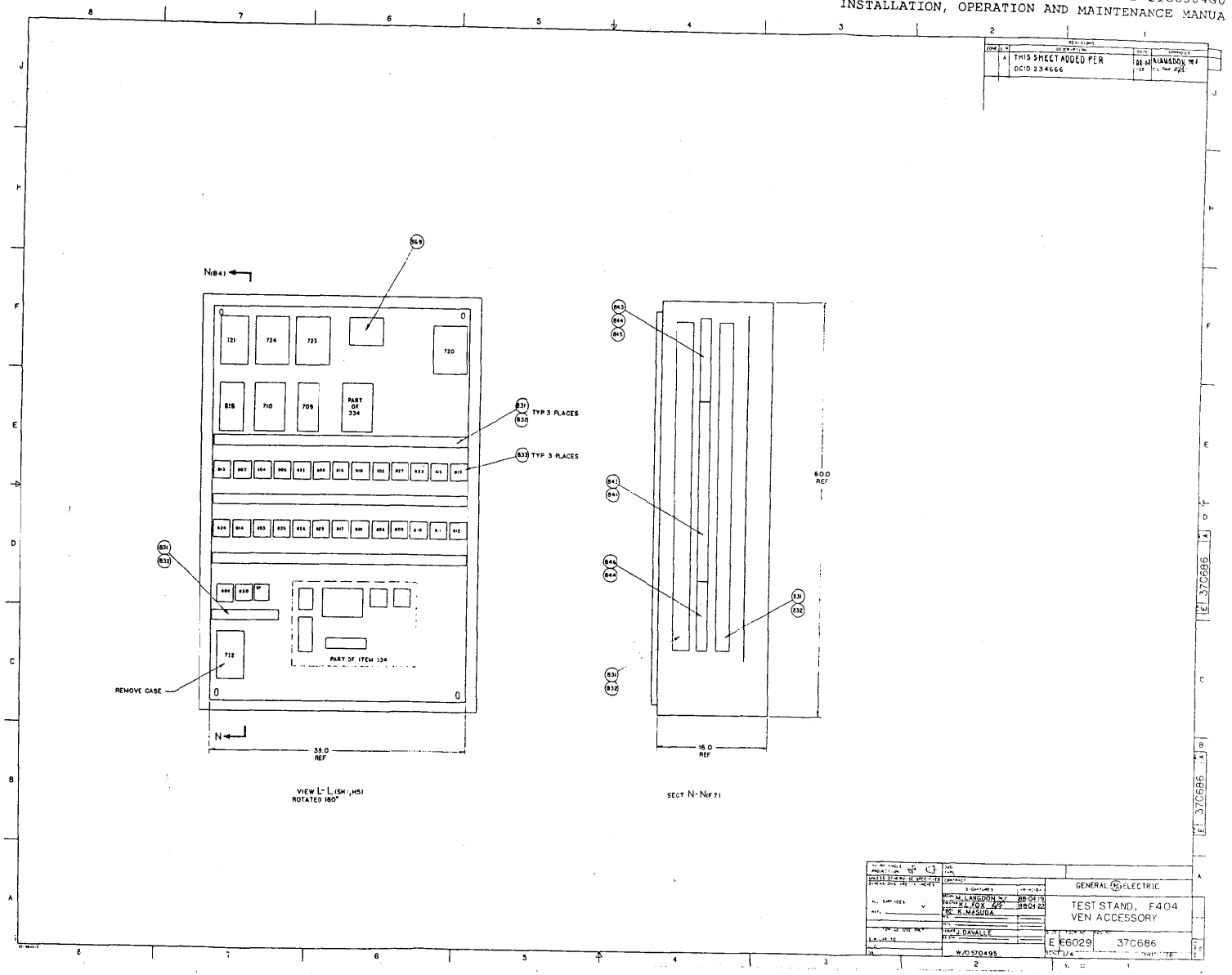


Figure 8.9. Electrical Enclosure Layout (37C686 Sheet 16)

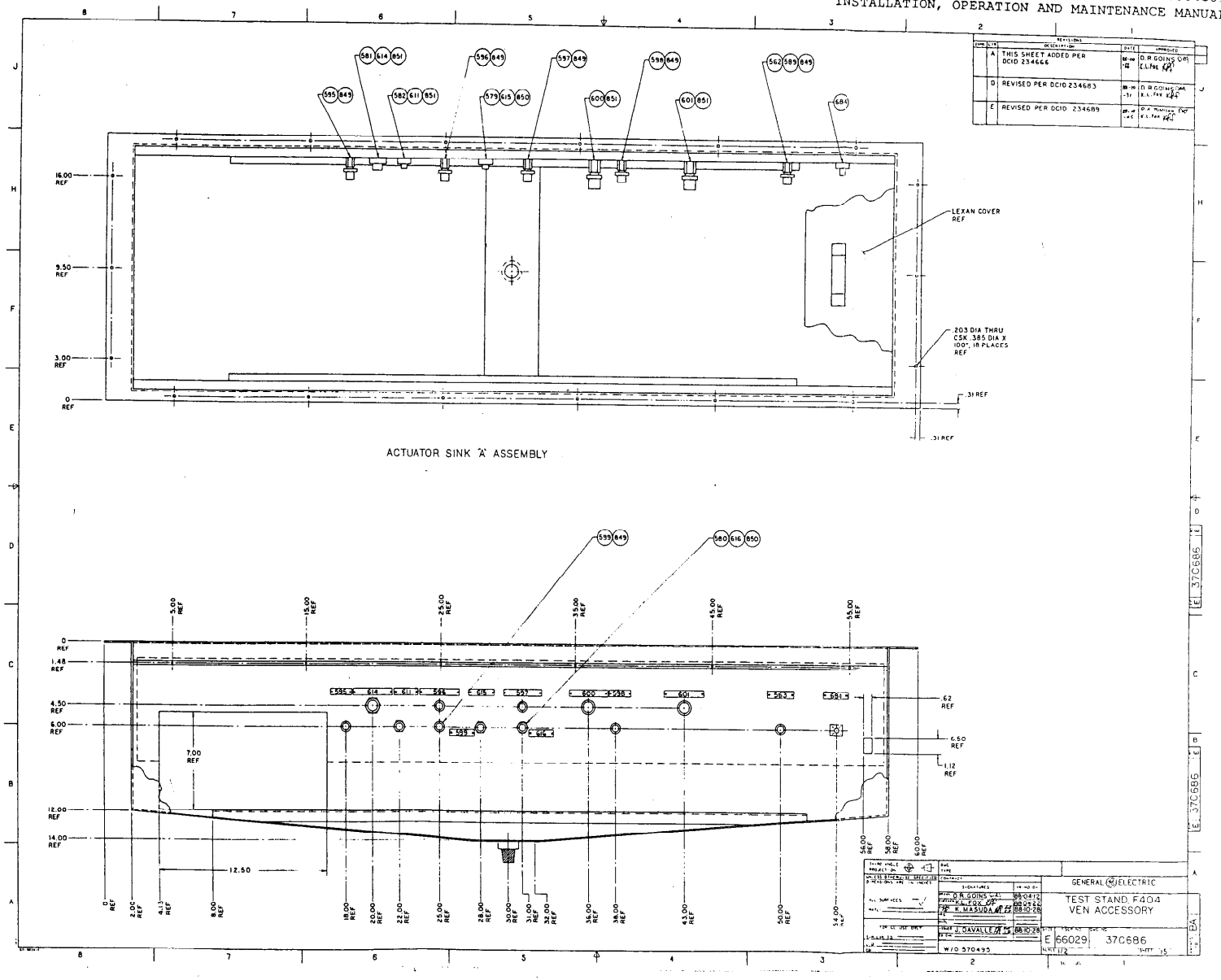


Figure 8.8. Actuator Sink A Assembly
(37C686 Sheet 15)

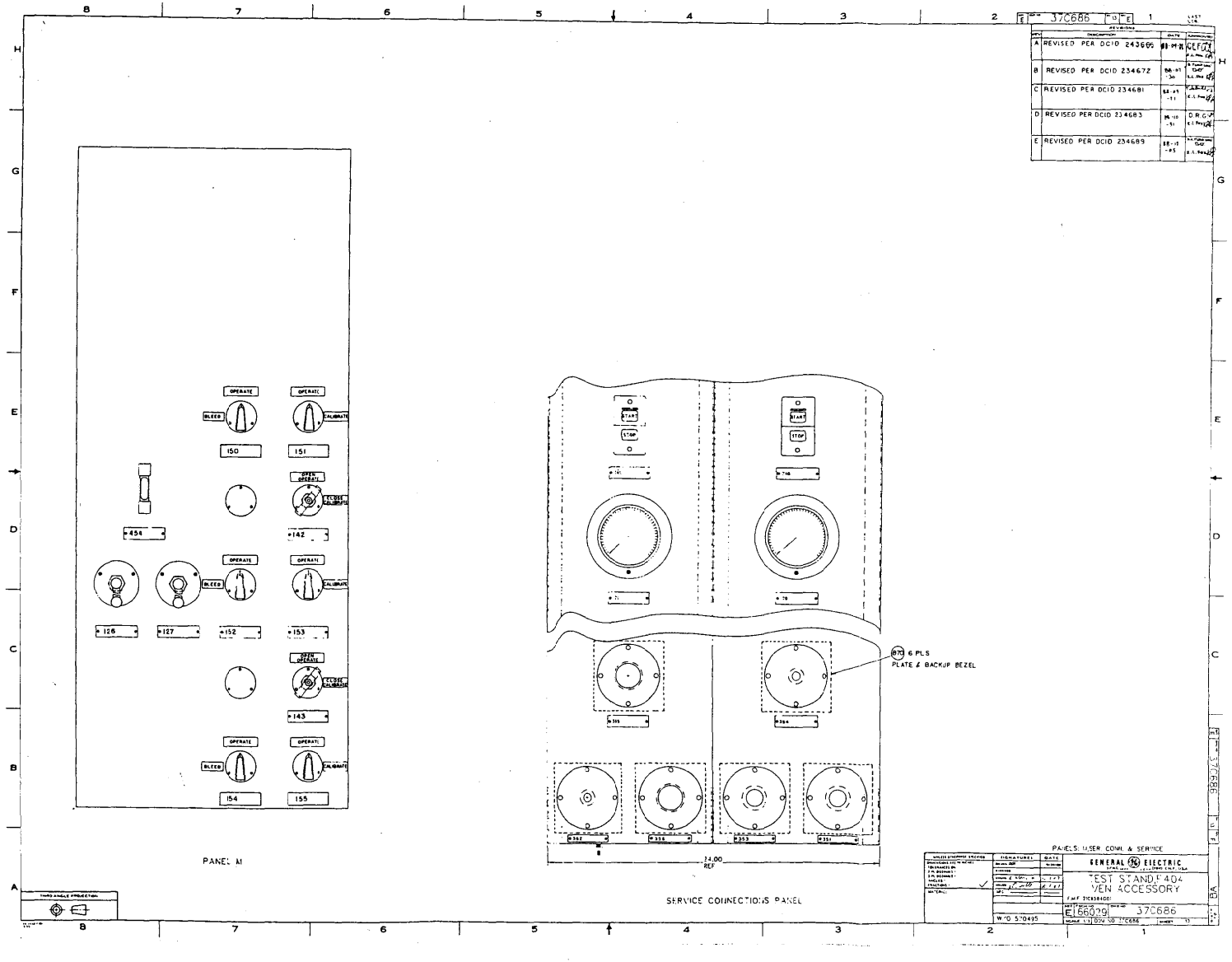


Figure 8.6. Panel M and Service Connections Panel (37C686 Sheet 13)

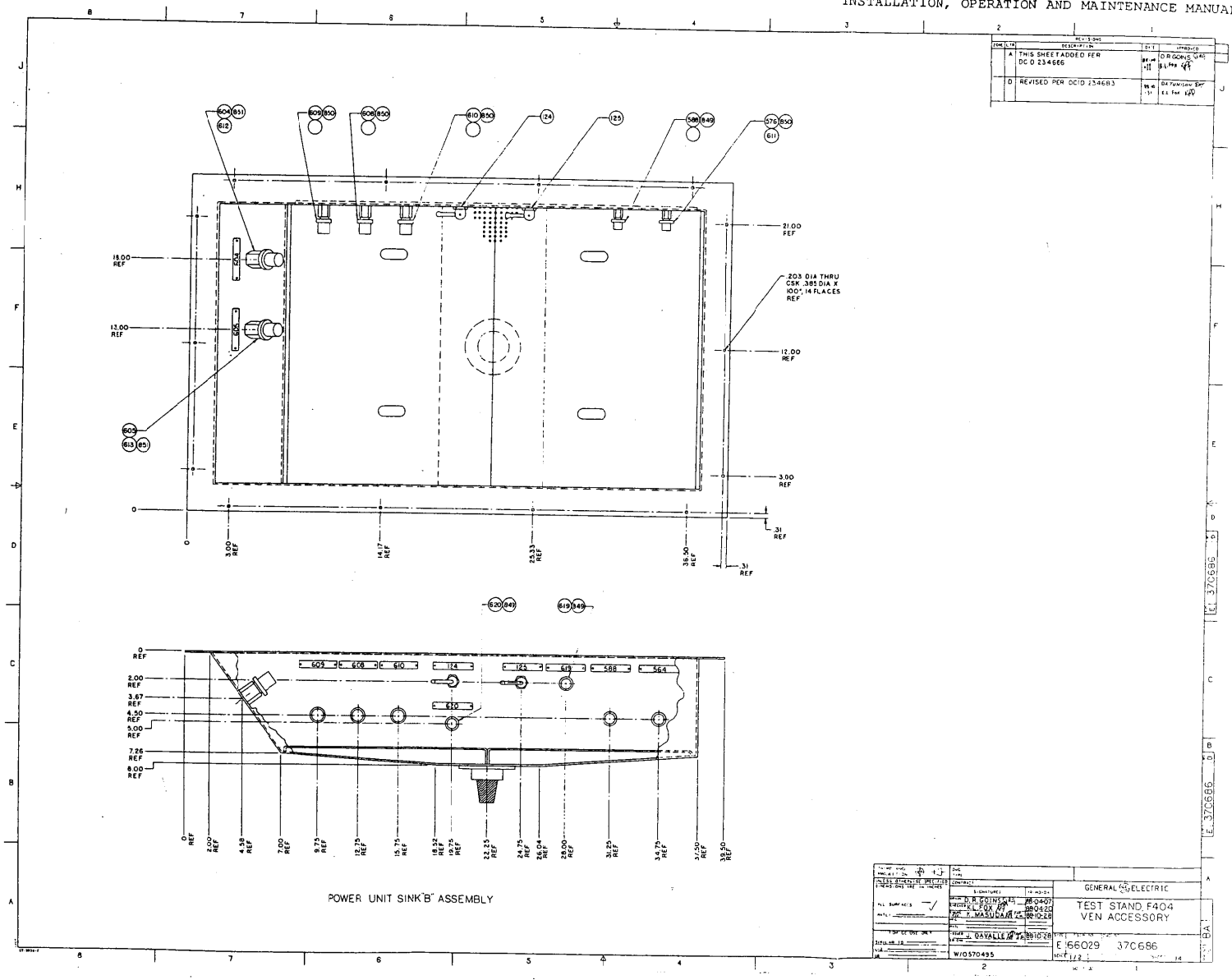


Figure 8.7. Power Unit Sink B Assembly
(37C686 Sheet 14)
8-15/(8-16 blank)

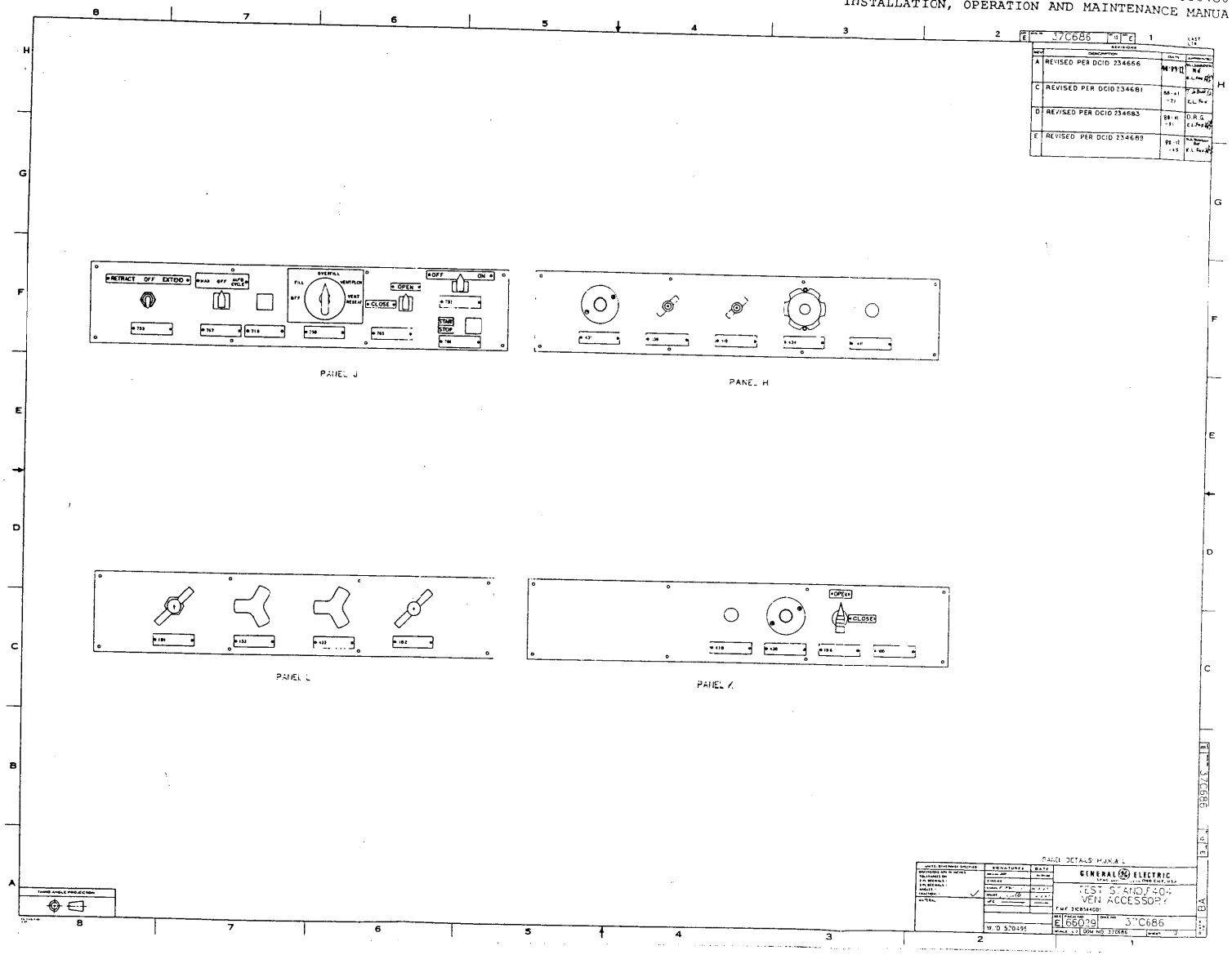


Figure 8.5. Panels J, H, L and K
(37C686 Sheet 12)
8-11/(8-12 blank)

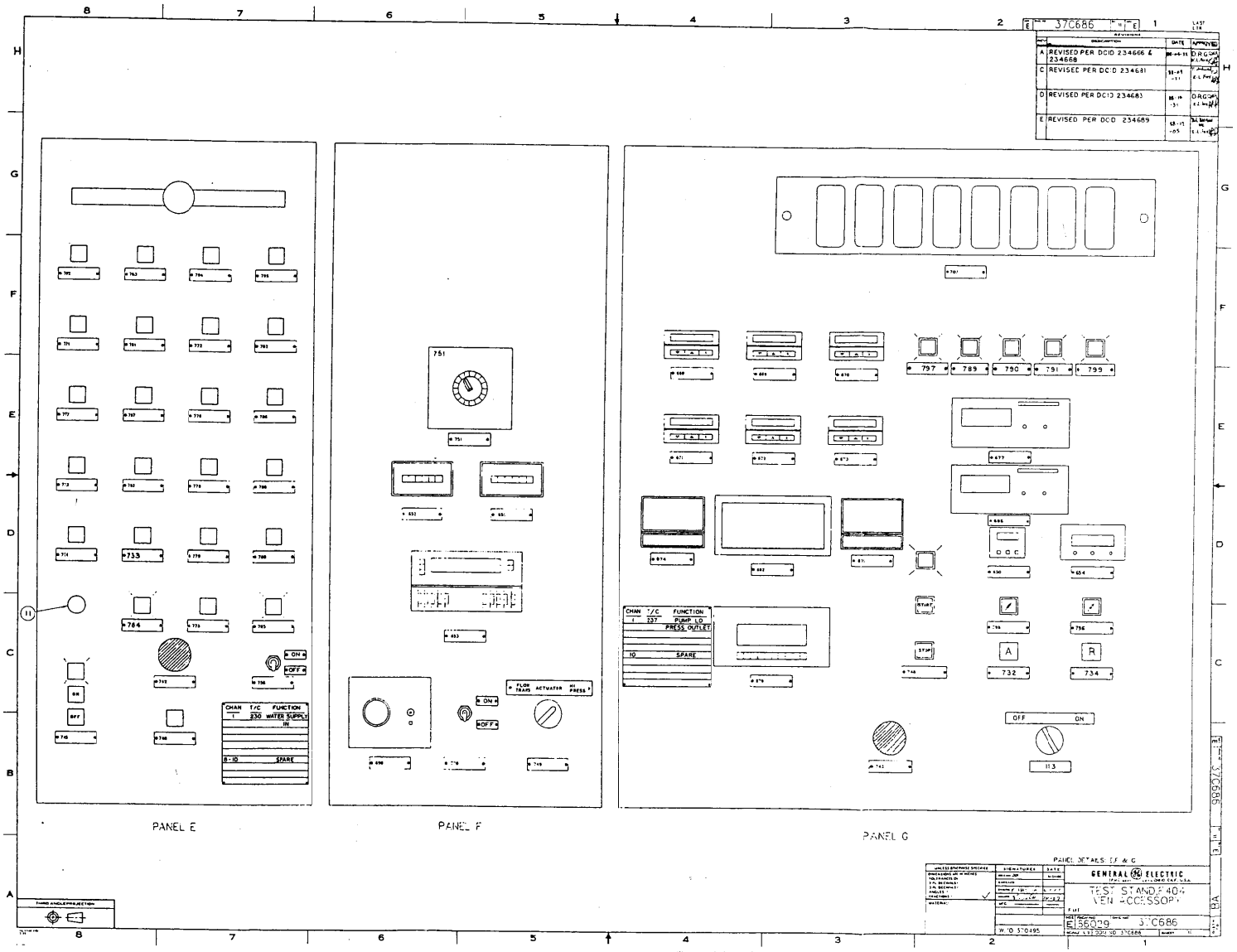


Figure 8.4. Panels E, F and G
(37C686 Sheet 11)
8-9/(8-10 blank)

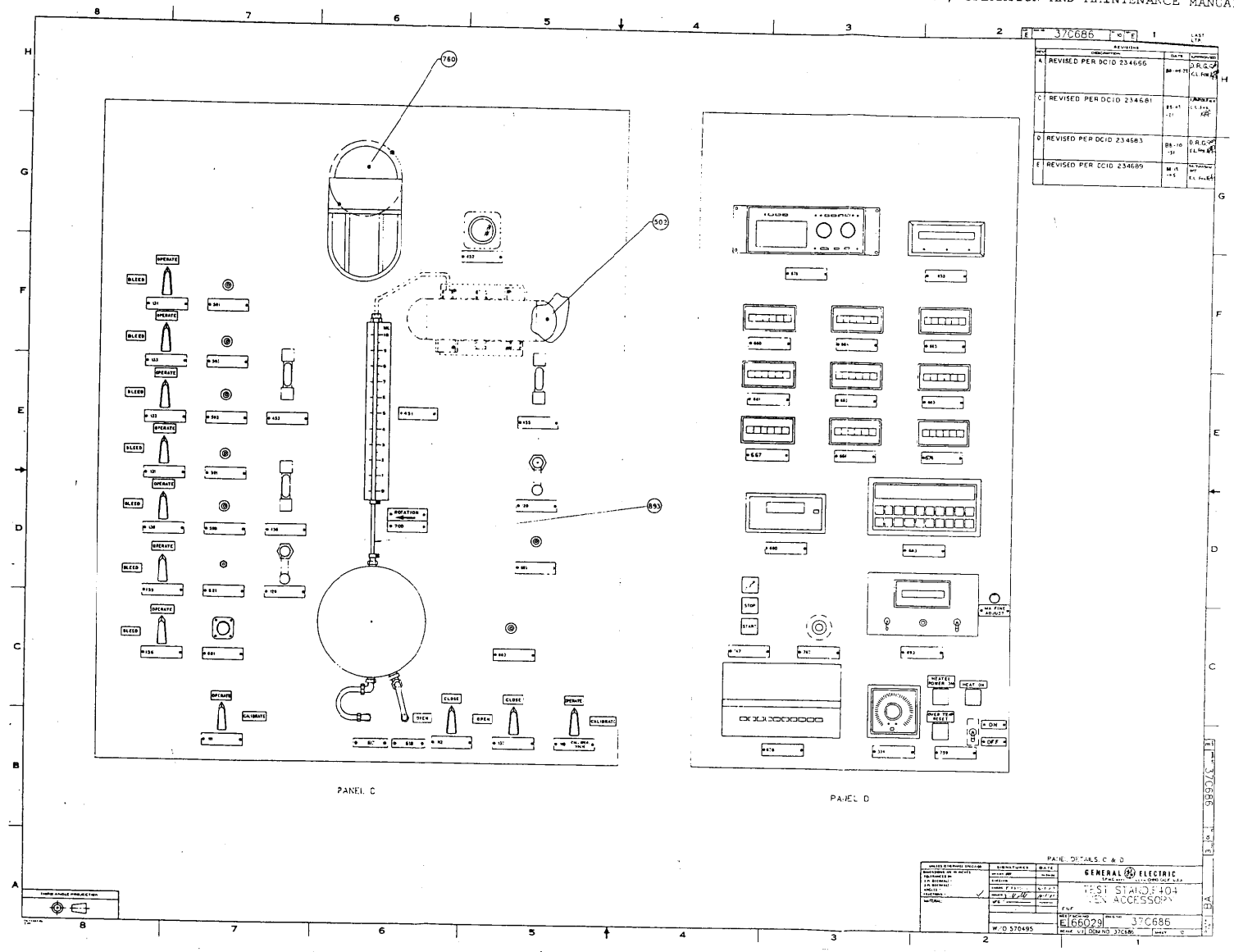


Figure 8.3. Panels C and D
(37C686 Sheet 10)

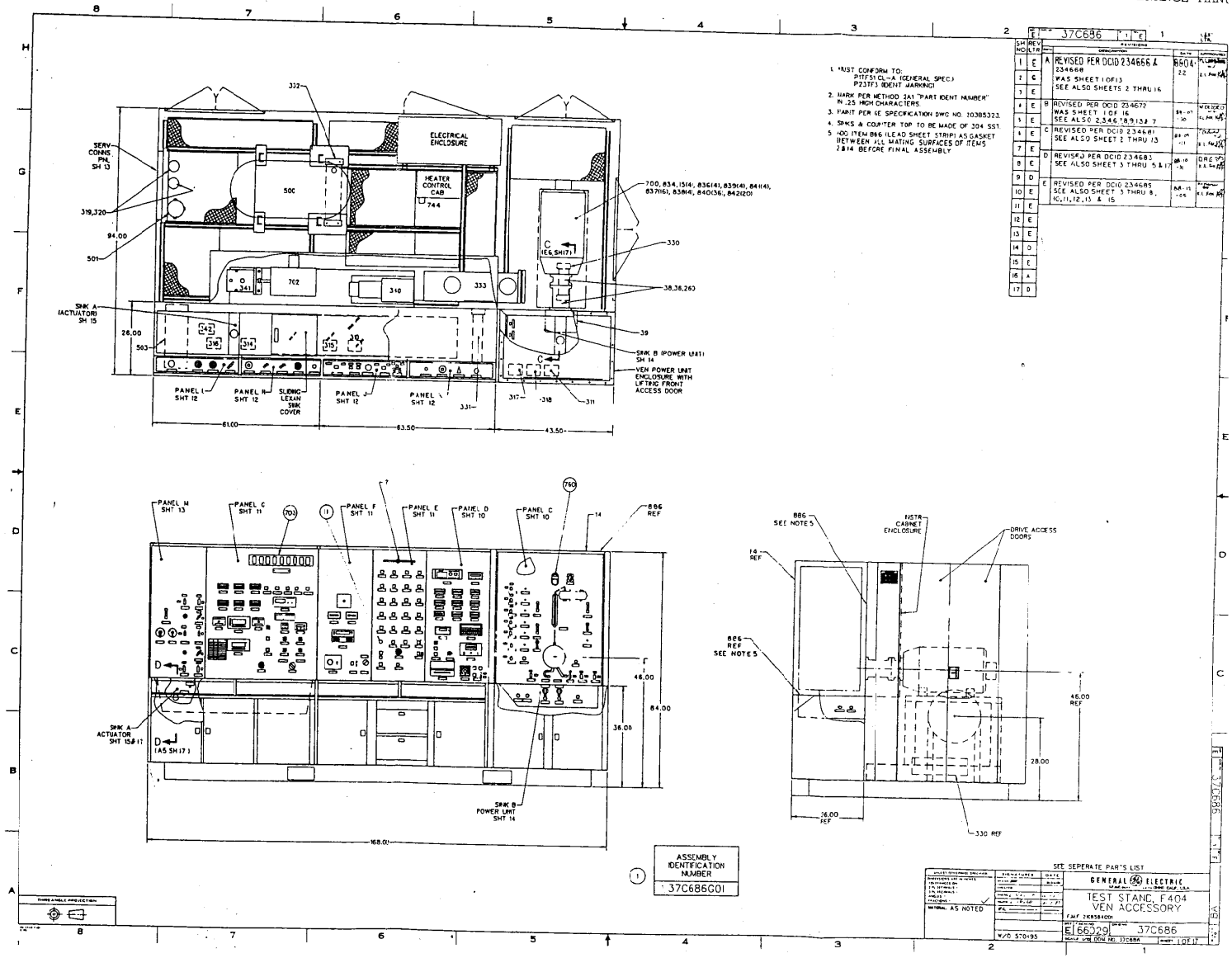


Figure 8.2. Test Stand Accembly
(37C686 Sheet 1)
8-5/(8-6 blank)

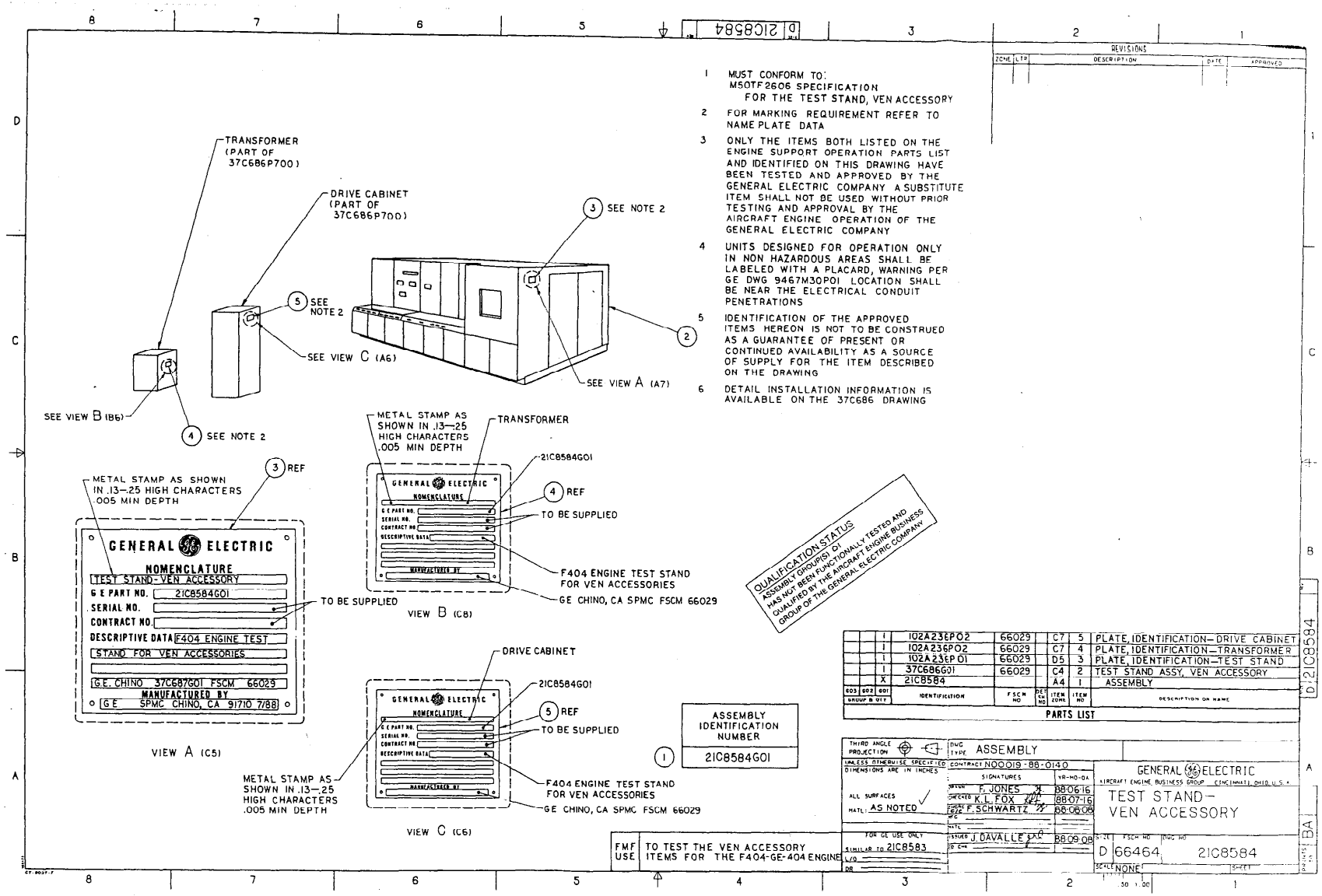


Figure 8.1. VEN Accessory Test Stand 21C858

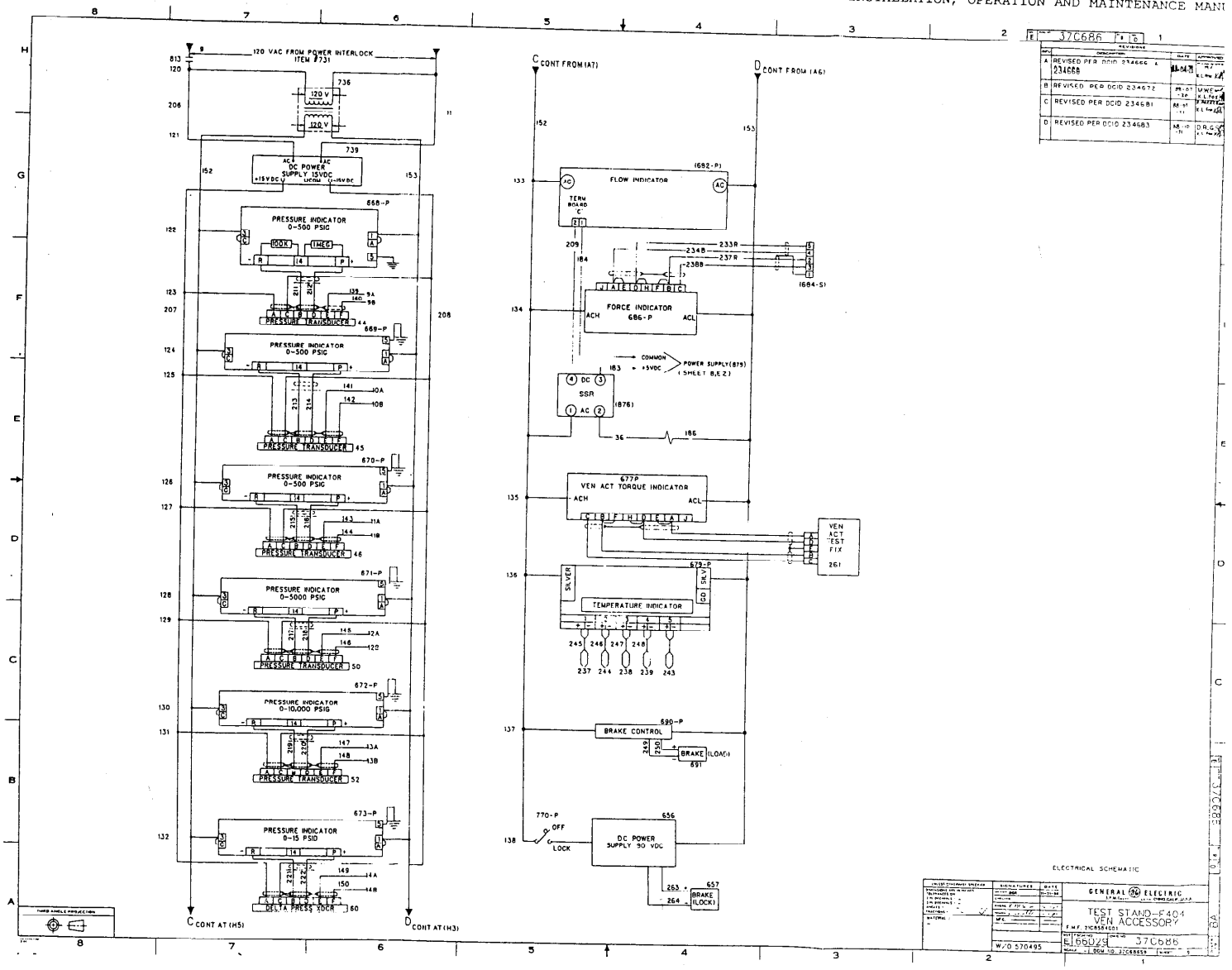


Figure 3.2. Electrical Schematic (Sheet 4 of 4) (37C686 Sheet 9)

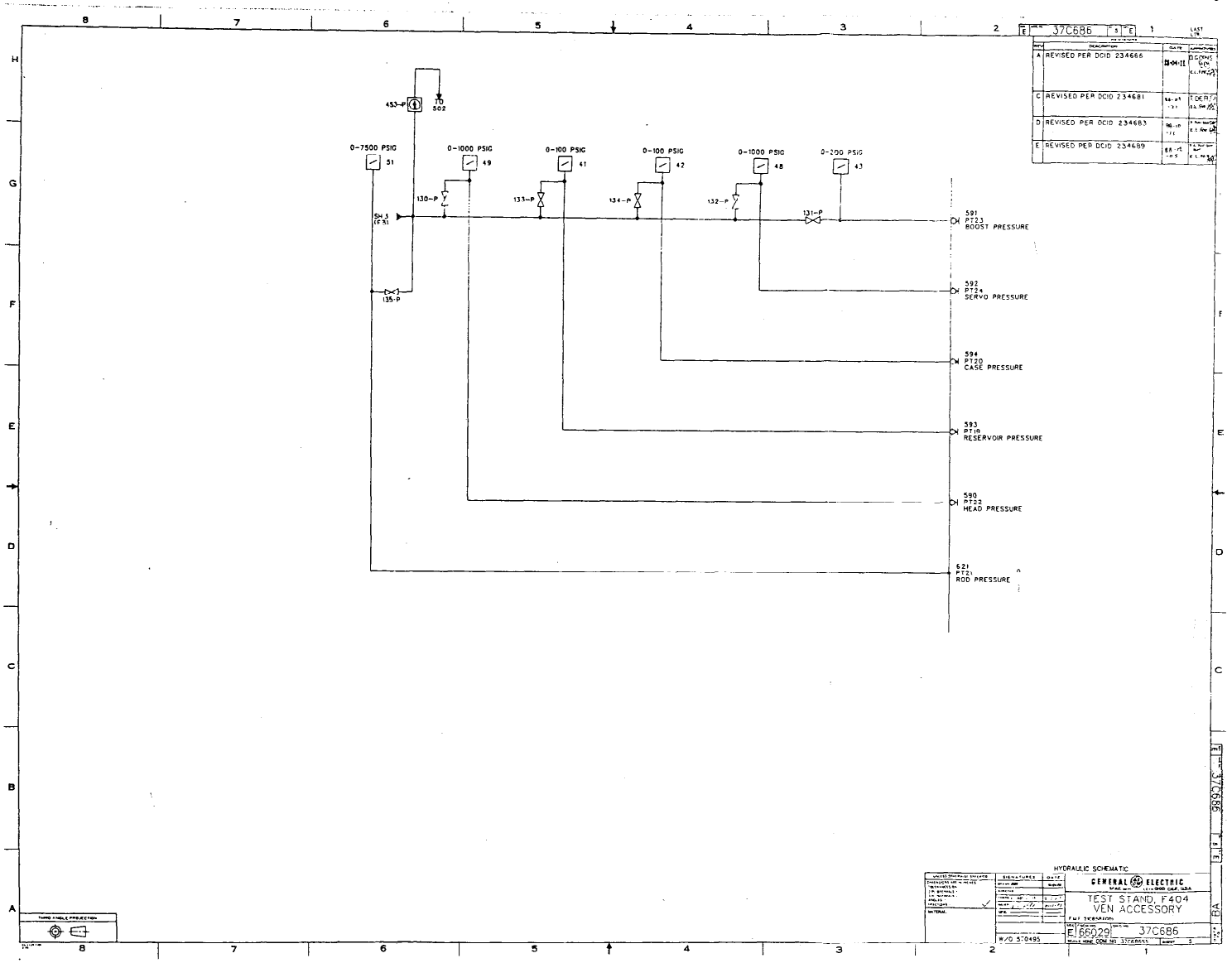


Figure 3.1. Hydraulic Schematic (Sheet 3 of 3)
(37C686 Sheet 5)

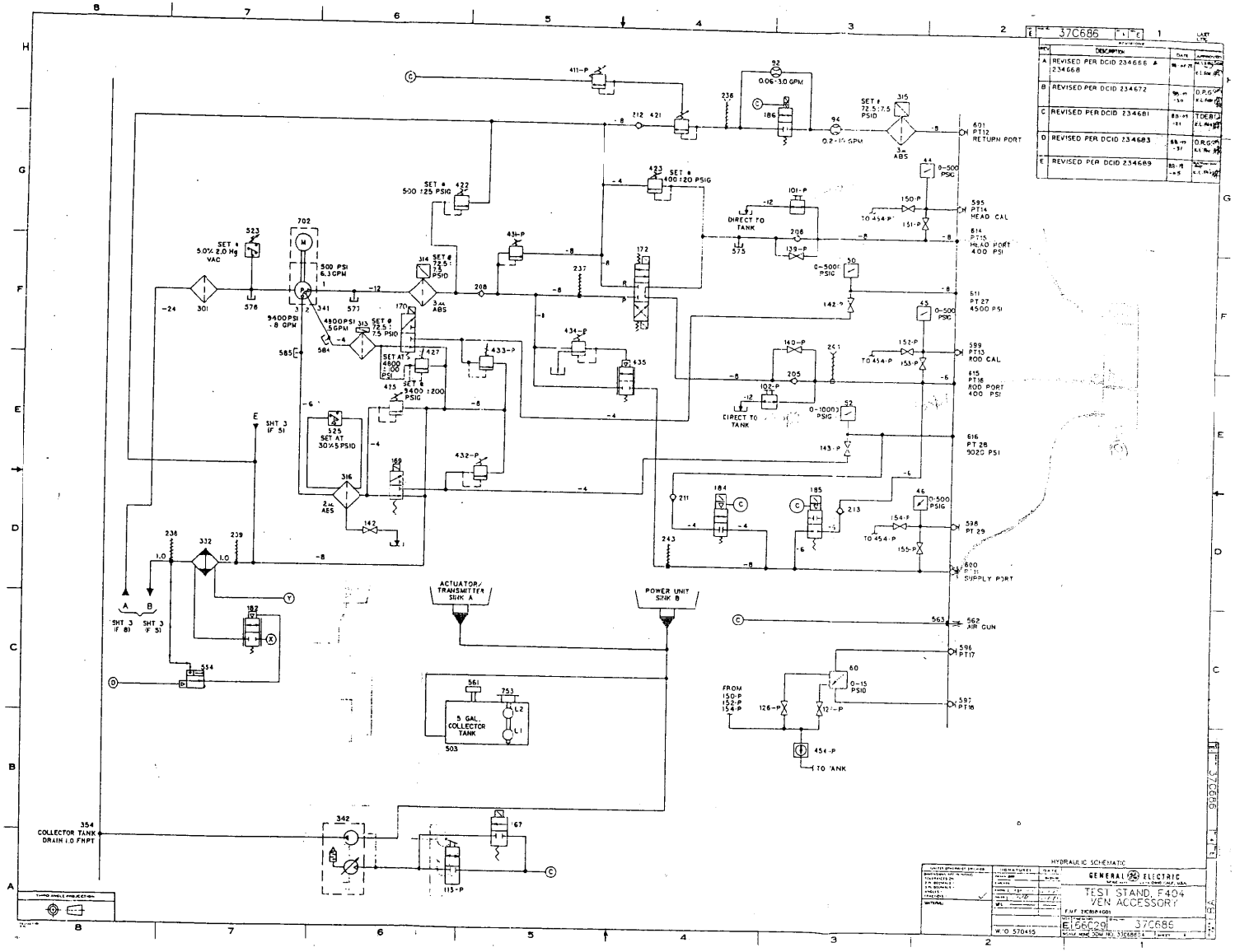


Figure 3.1. Hydraulic Schematic (Sheet 2 of 3) (37C686 Sheet 4)

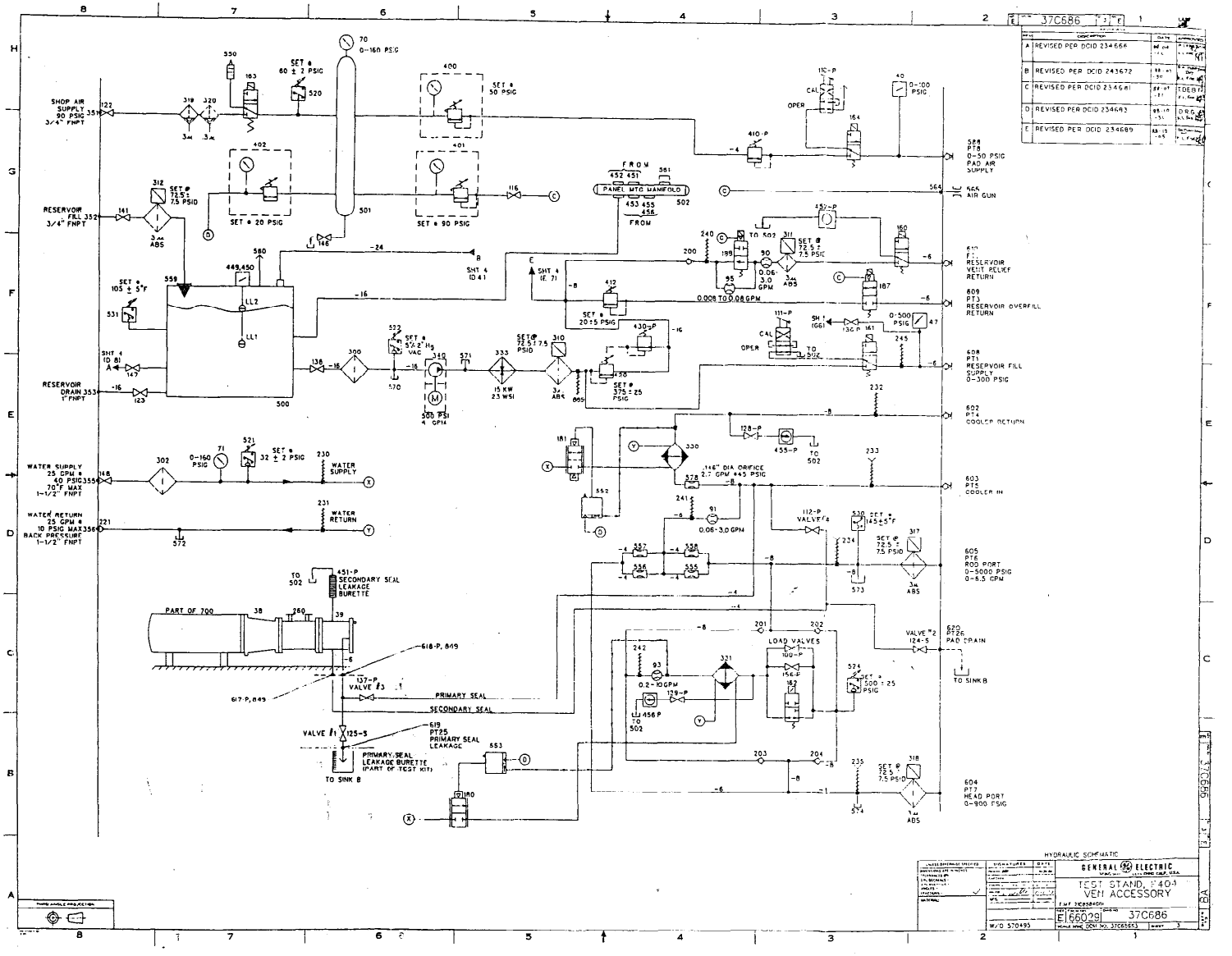
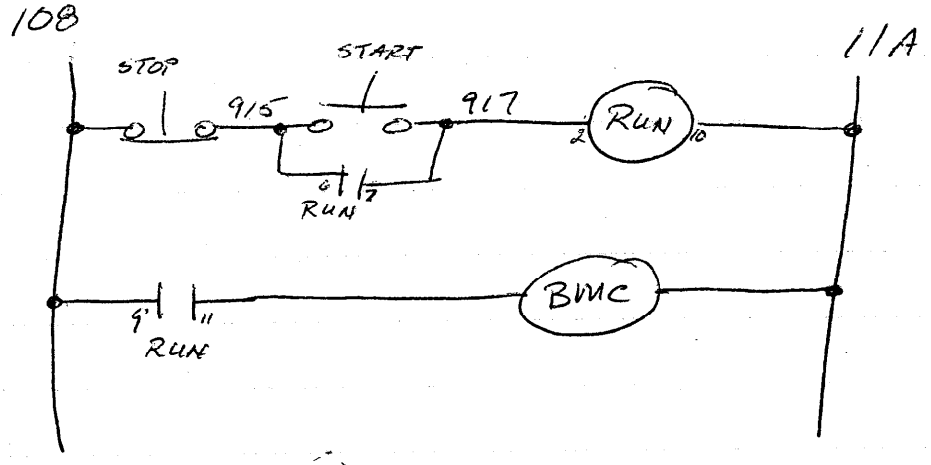


Figure 3.1. Hydraulic Schematic (Sheet 1 of 3
(37C686 Sheet 3)

#1
C24130

F-404 UEN ACTUATOR TEST STAND
PN # 65886-011764
Drive Controller - Schematic & Pinouts



PARAMETERS

ACCESS LVL A1-01 = 4 ADVANCED

CONTROL MTHD A1-02 = 0 V/F

REVERSE DIRECTION B1-04 = 1 REVERSE DISABLED

ACCEL TIME C1-01 = 10 SEC

DECEL TIME C1-02 = 30 SEC

MOTOR TYPE E1-02 = 1 BLOWER COOLED

MAX FREQ. E1-04 = 134 HZ

BASE " E1-06 = 134 HZ

MID " E1-07 = 67 HZ

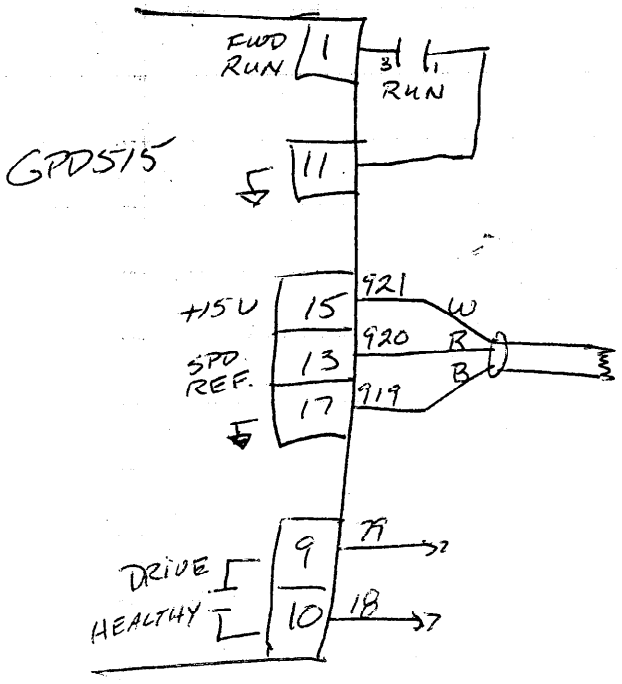
MID VOLTS E1-08 = 230V

MIN FREQ E1-09 = 1.5 HZ

MIN VOLTS E1-10 = 6V

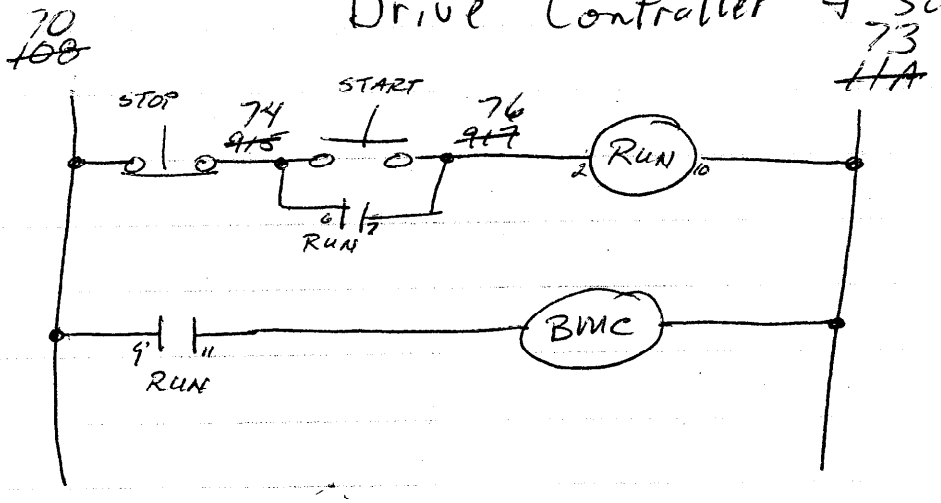
MOTOR FLA E2-01 = 60 A

TERM 9+10 H2-01 = 6 INV. READY



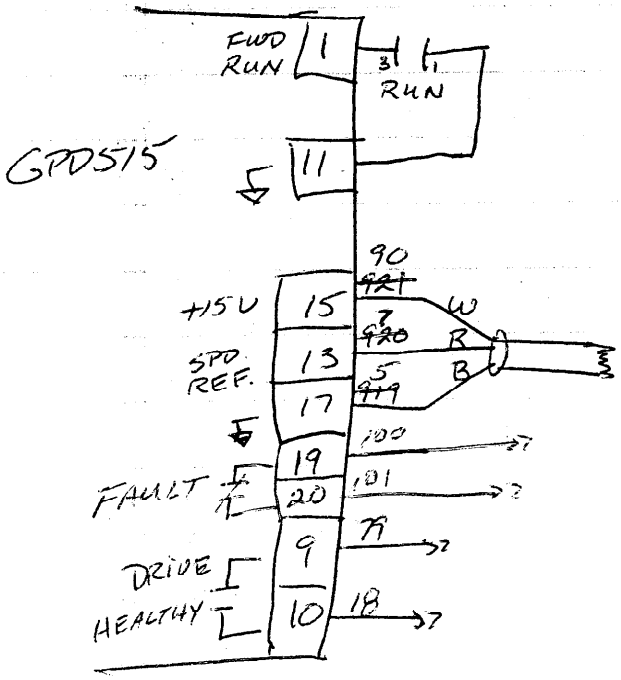
#2
C00980

F-404 OEM ACTUATOR TEST STAND
PA 65988-02 1137
Drive Controller + Schematic - Pinou



PARAMETERS

ACCESS LVL A1-01 = 4 ADVANCED
CONTROL MTHD A1-02 = 0 V/F
REVERSE DIRECTION B1-04 = 1 REVERSE DISABLED
ACCEL TIME C1-01 = 10 SEC
DECEL TIME C1-02 = 30 SEC
MOTOR TYPE E1-02 = 1 BLOWER COOLED
MAX FREQ. E1-04 = 134 HZ
BASE " E1-06 = 134 HZ
MID " E1-07 = 67 HZ
MID VOLTS E1-08 = 230V
MIN FREQ E1-09 = 1.5 HZ
MIN VOLTS E1-10 = 6V
MOTOR FLA E2-01 = 60 A
TERM 9+10 H2-01 = 6 INV. READY



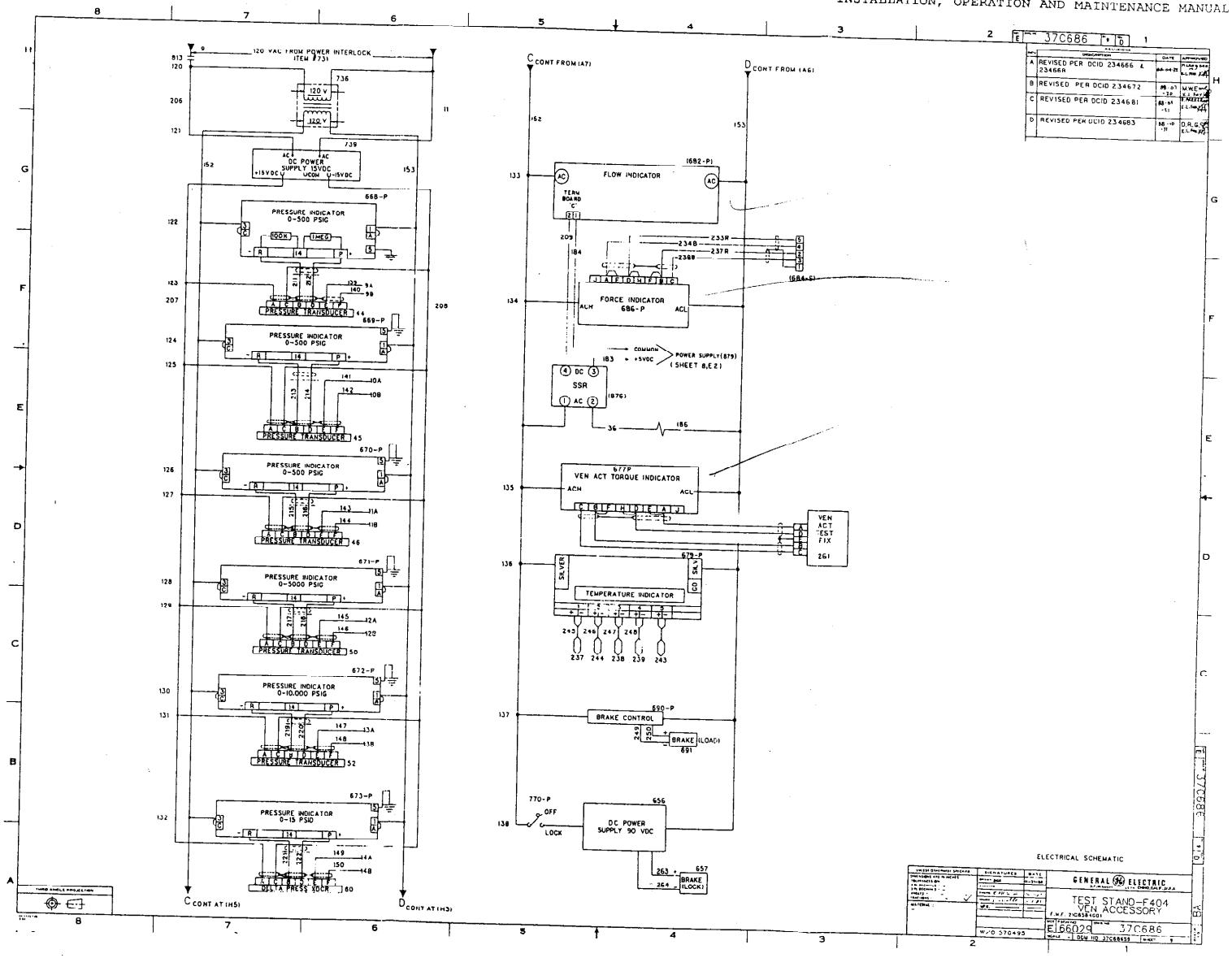


Figure 3.2. Electrical Schematic (Sheet 4 of 4) (37C686 Sheet 9)

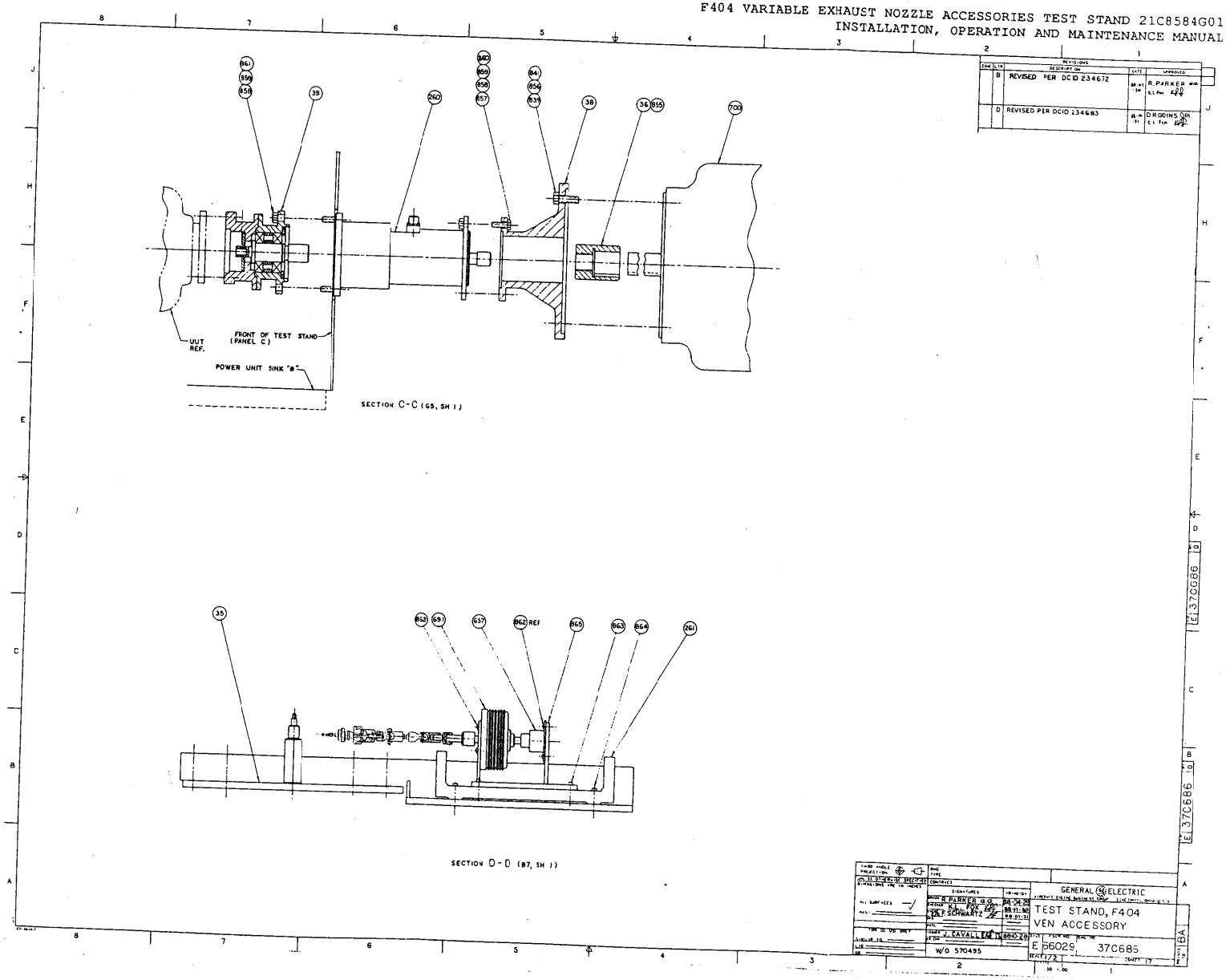


Figure 8.10. Power Unit Drive Adaptor, Actuator/Transmitter Test Fixture (37C686 Sheet 17)

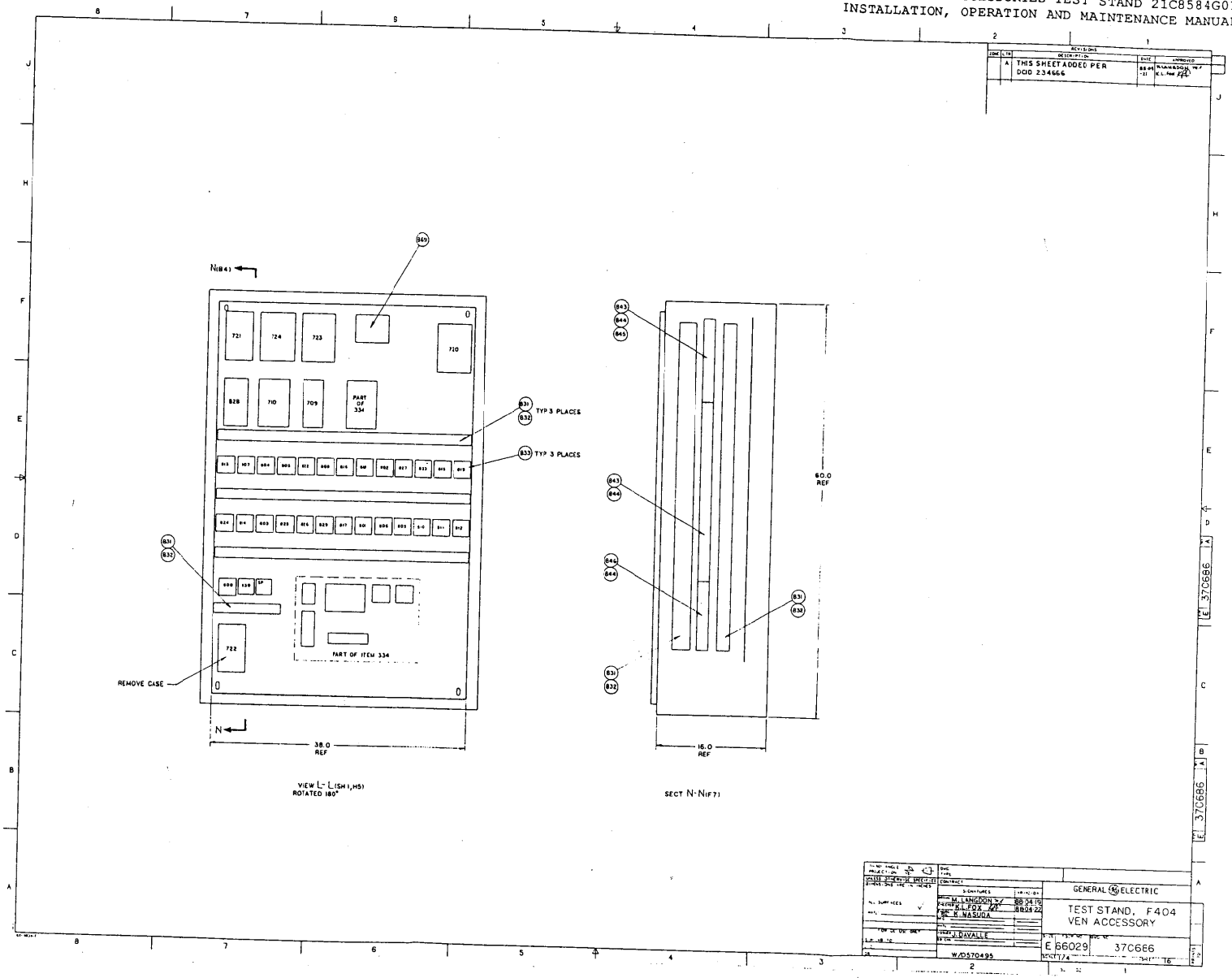


Figure 8.9. Electrical Enclosure Layout (37C686 Sheet 16)

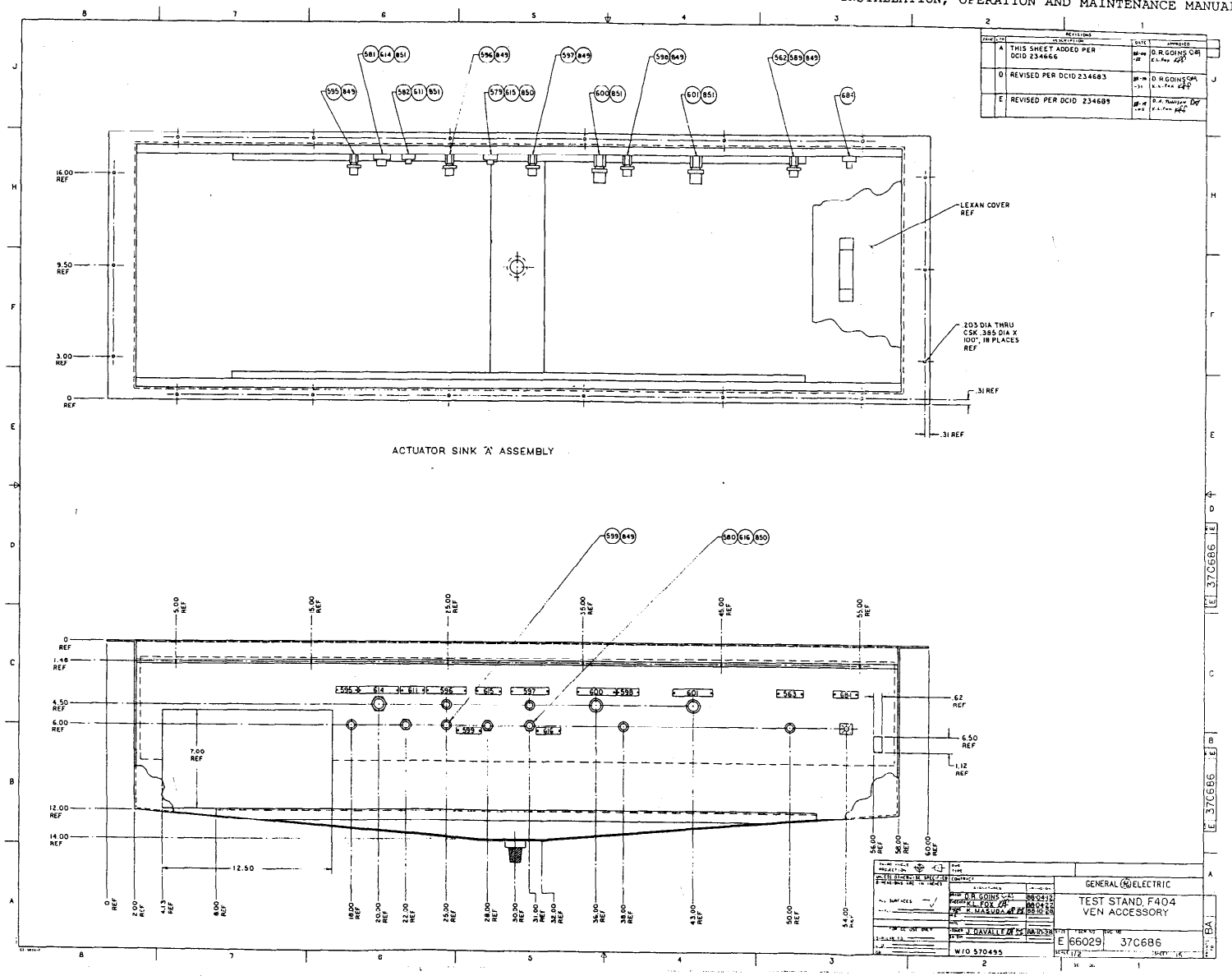


Figure 8.8. Actuator Sink A Assembly
(37C686 Sheet 15)
8-17/(8-18 blank)

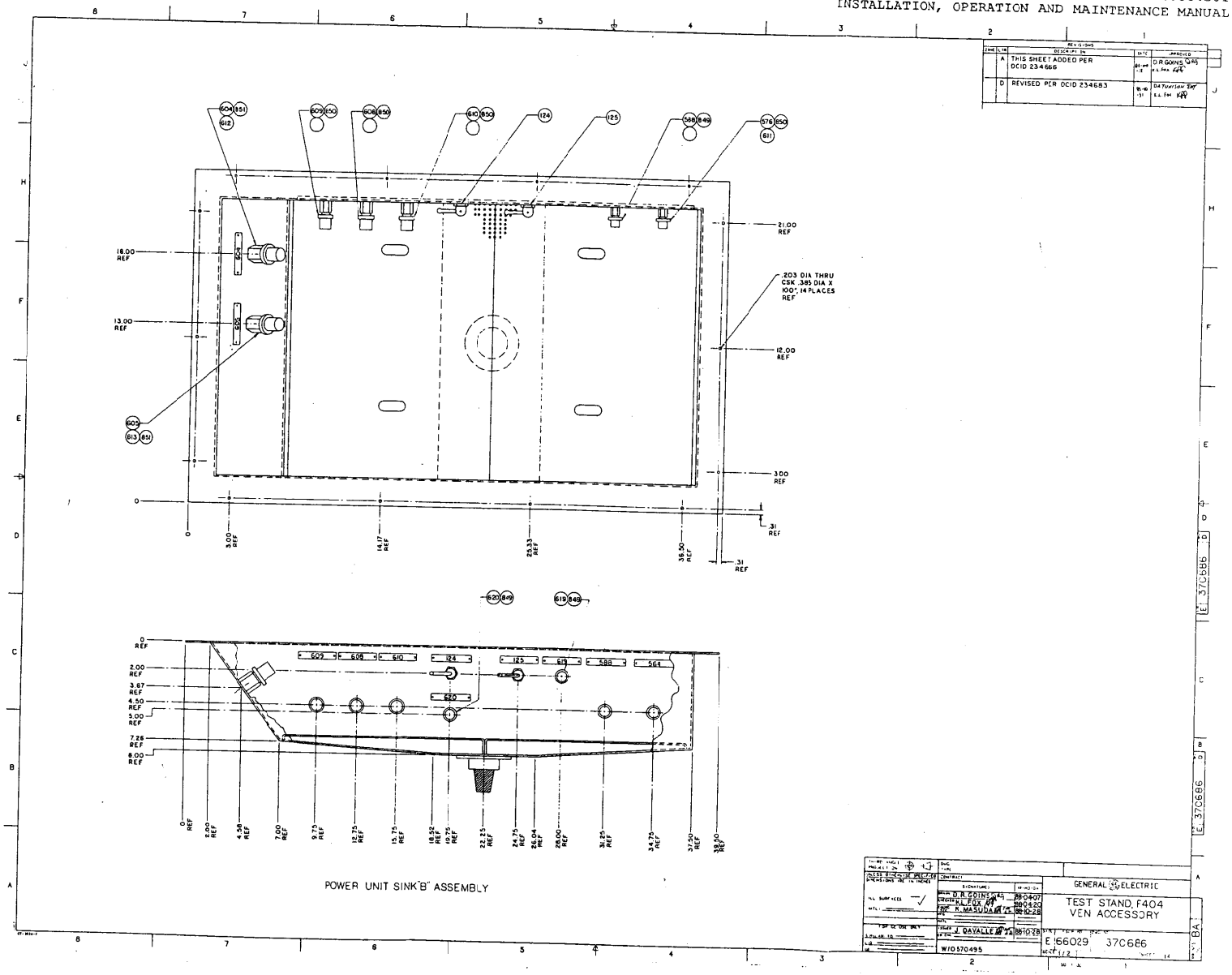


Figure 8.7. Power Unit Sink B Assembly
(37C686 Sheet 14)
8-15/(8-16 blank)

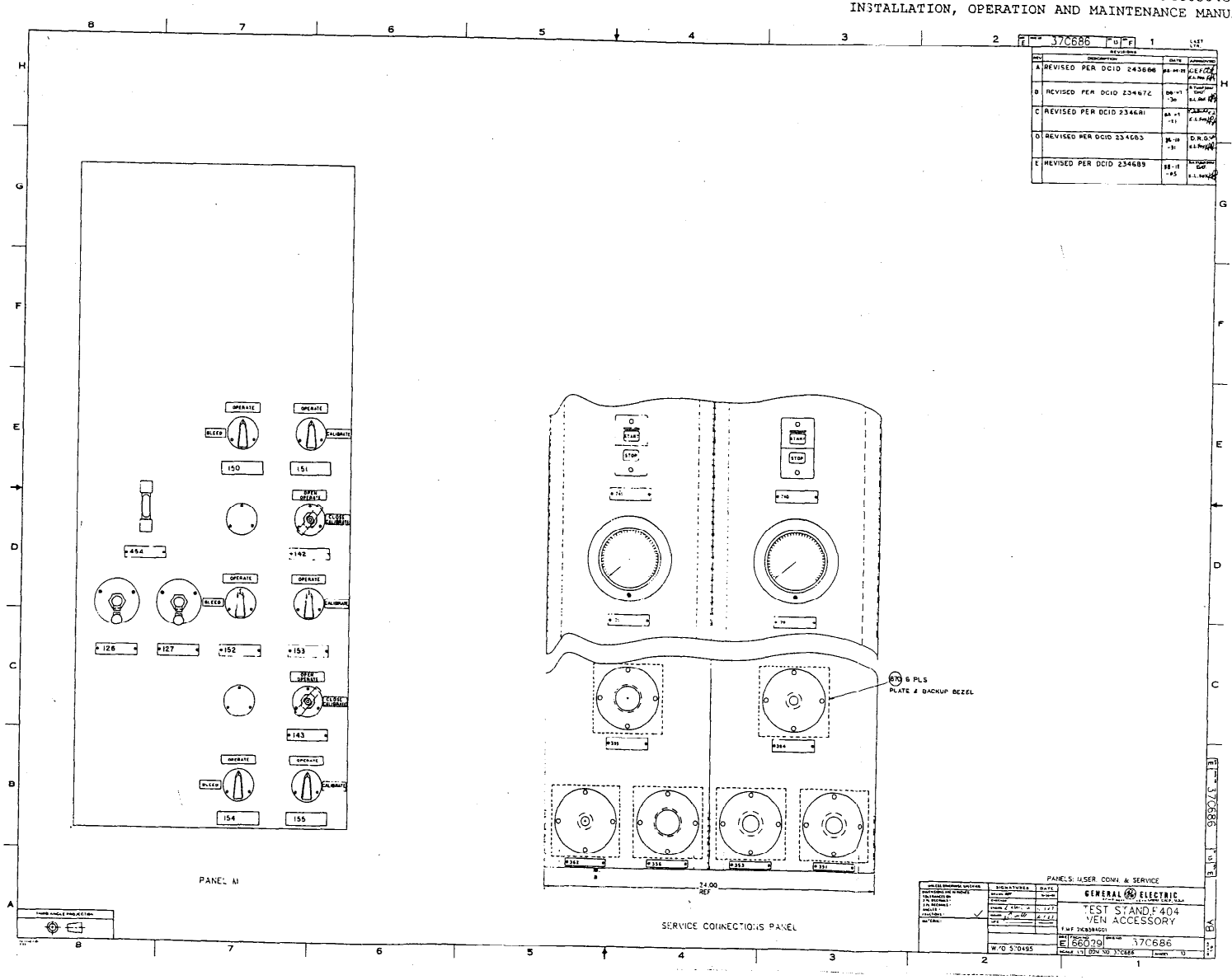


Figure 8.6. Panel M and Service Connections Panel (37C686 Sheet 13)

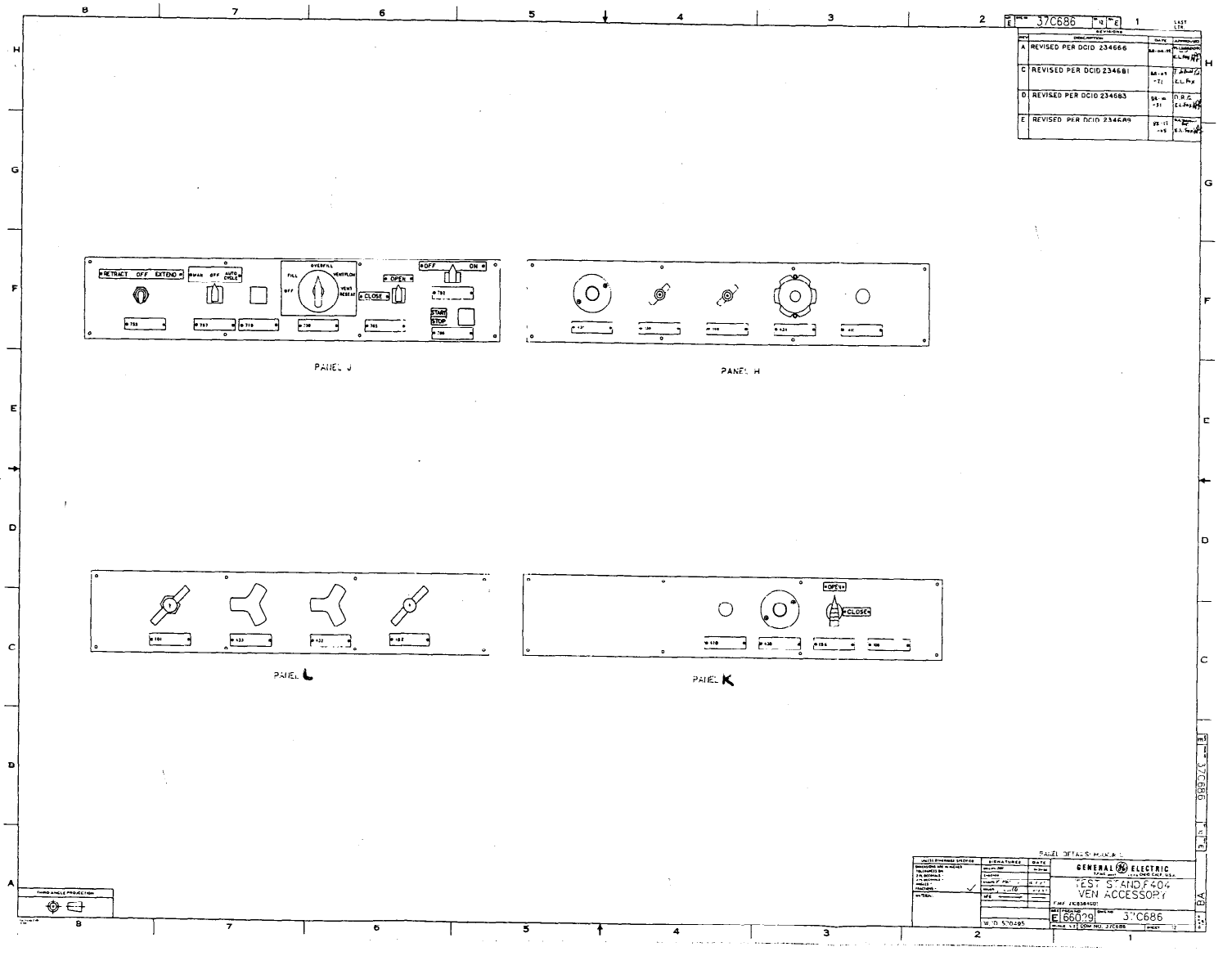


Figure 8.5. Panels J, H, L and K
(37C686 Sheet 12)
8-11/(8-12 blank)

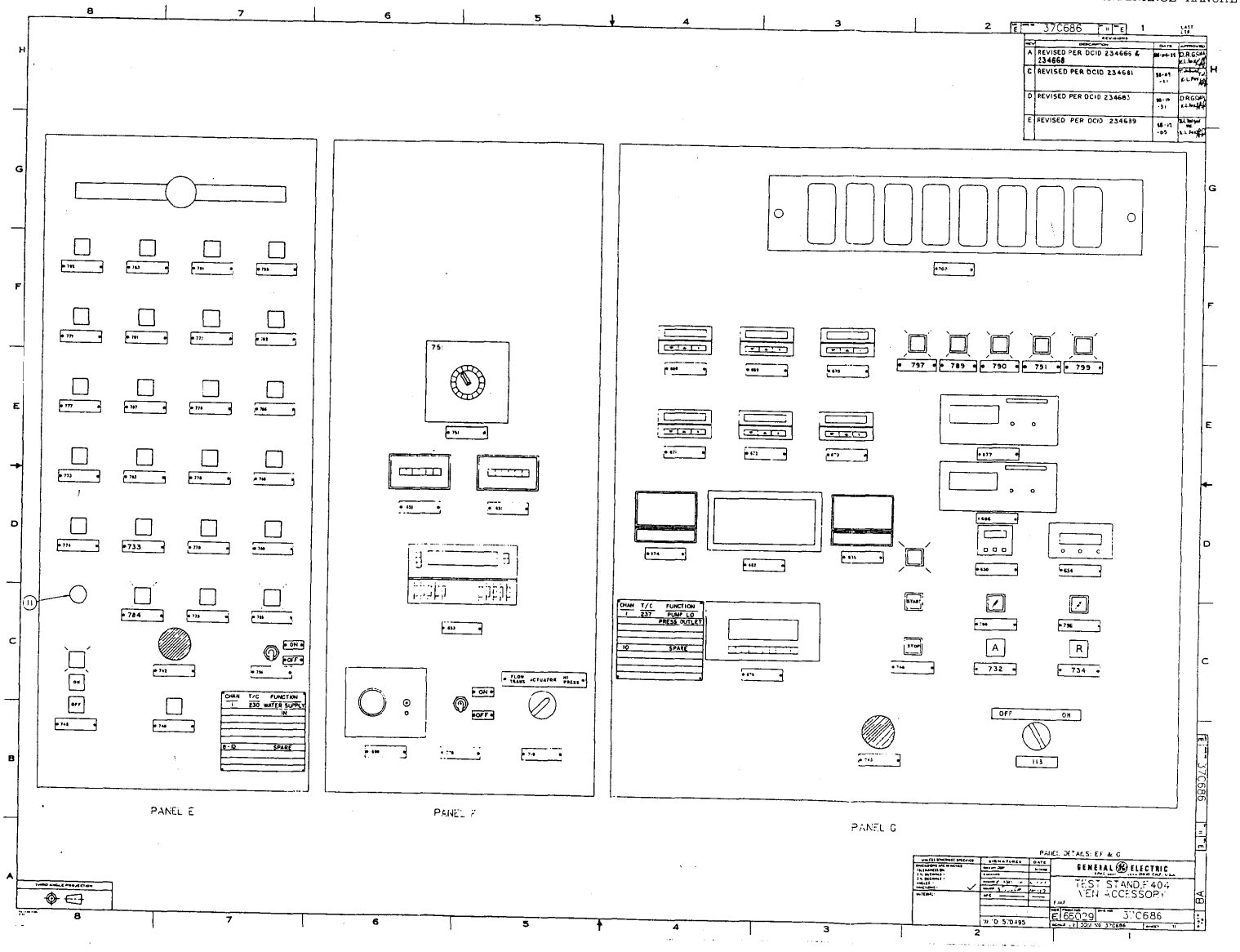


Figure 8.4. Panels E, F and G
(37C686 Sheet 11)
8-9/(8-10 blank)

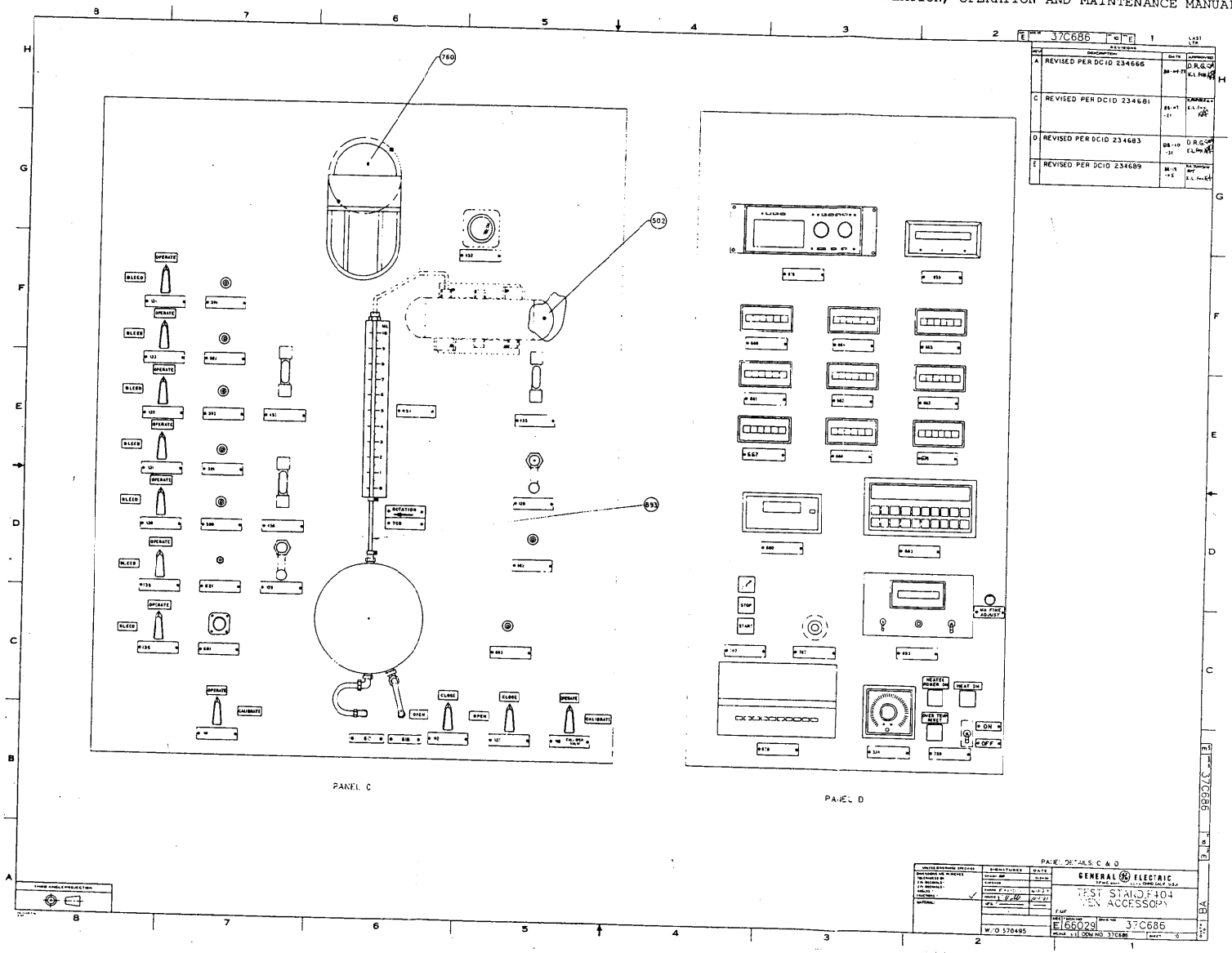


Figure 8.3. Panels C and D
(37C686 Sheet 10)

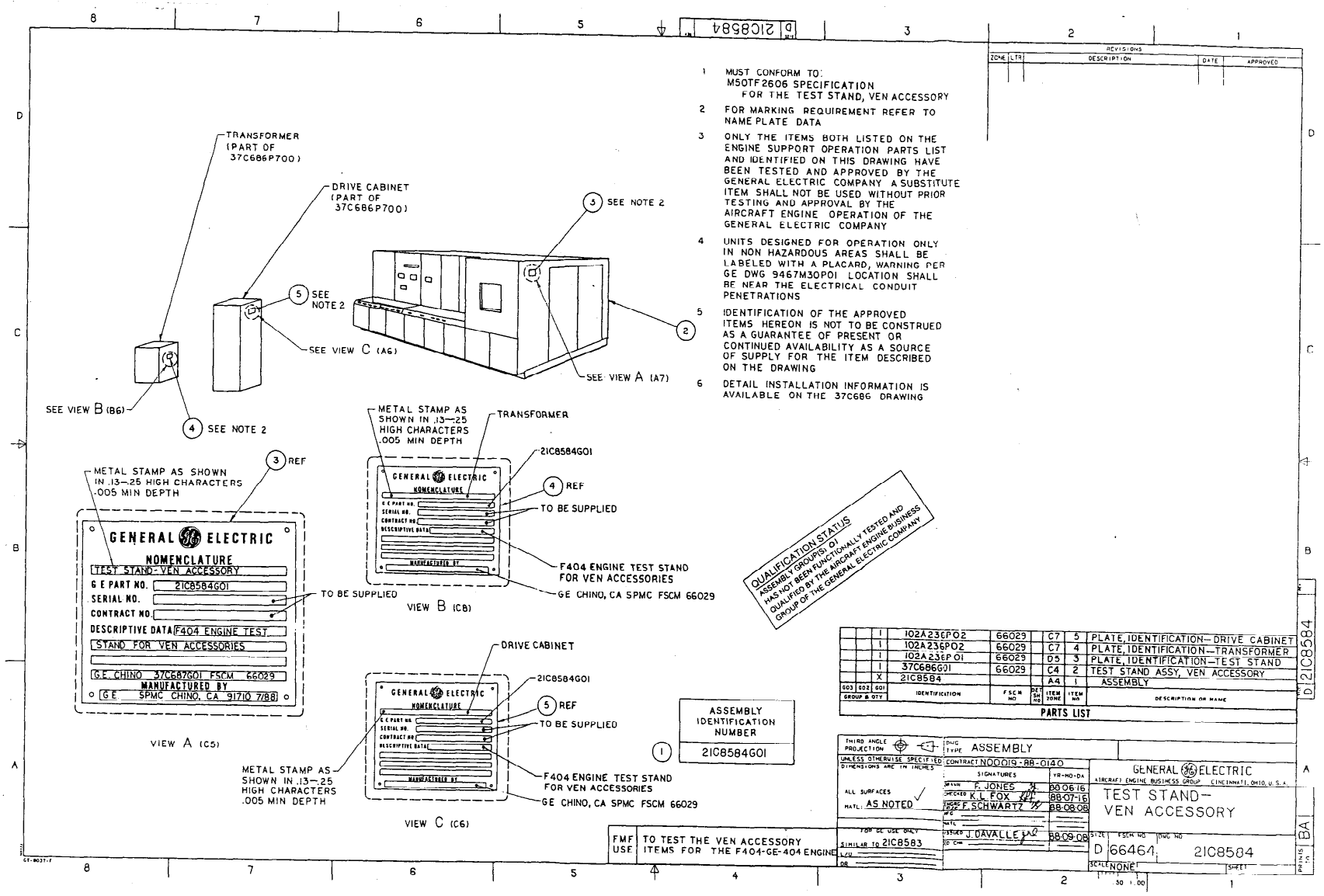


Figure 8.1. VEN Accessory Test Stand 21C8584

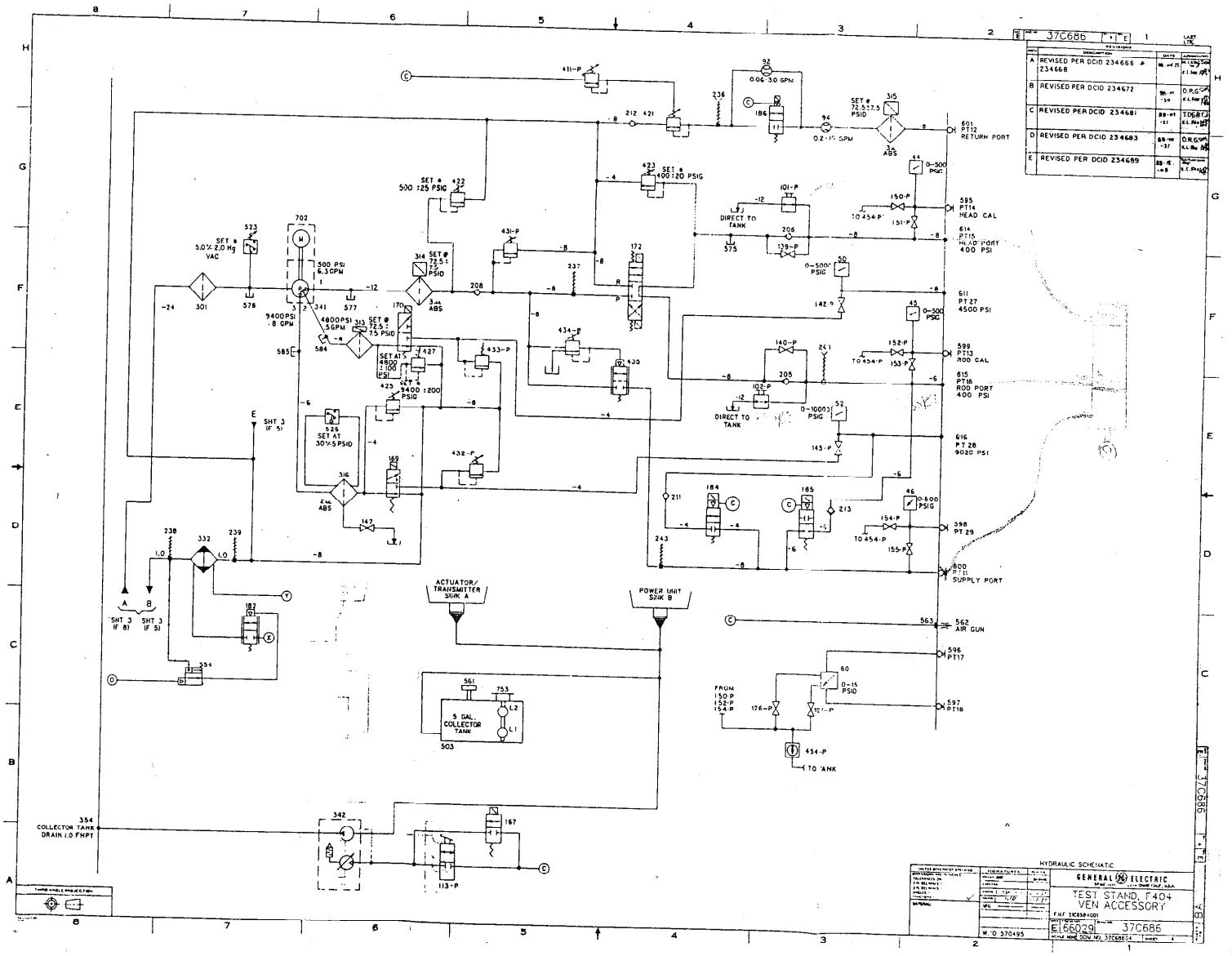


Figure 3.1. Hydraulic Schematic (Sheet 2 of 3) (37C686 Sheet 4)

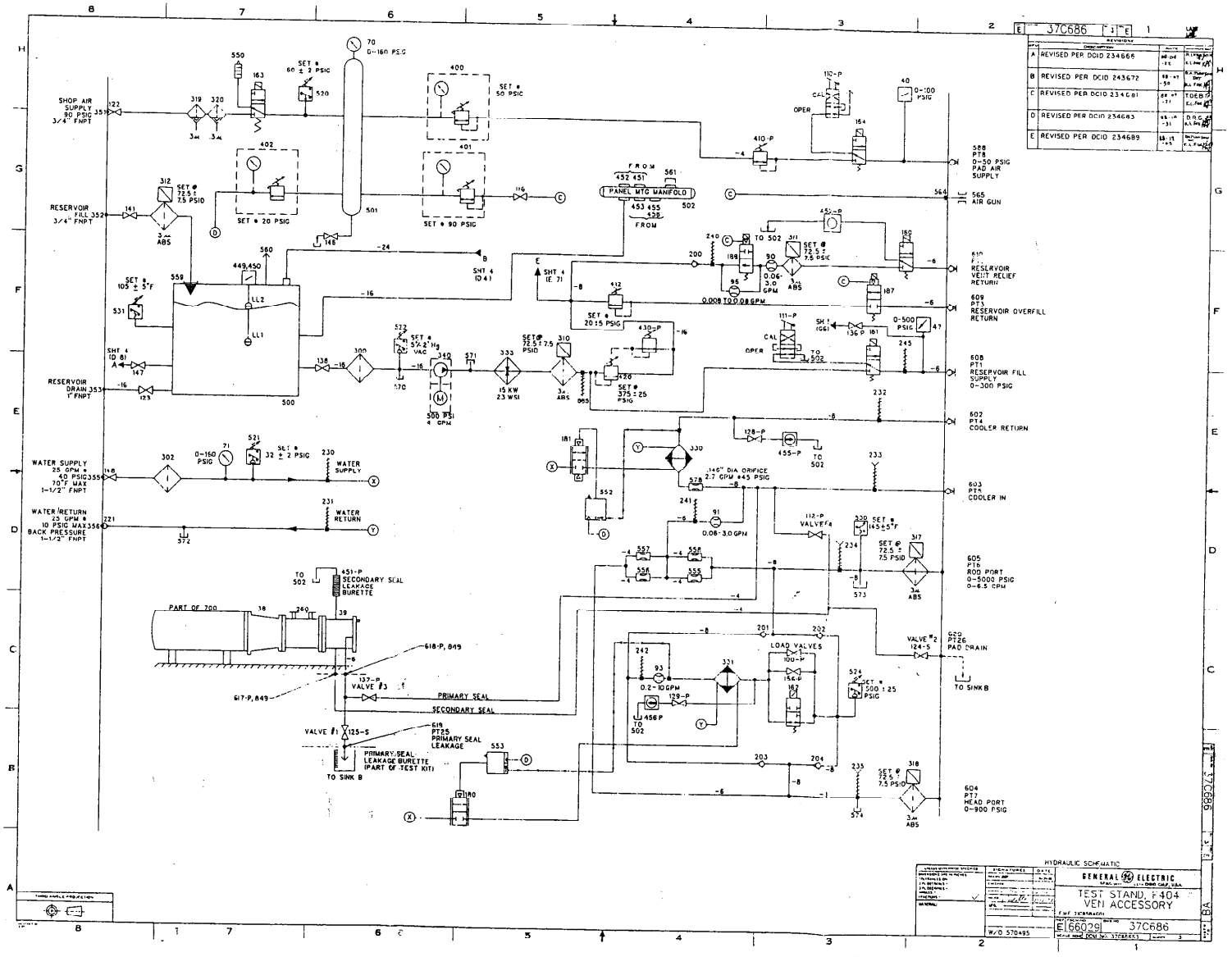


Figure 3.1. Hydraulic Schematic (Sheet 1 of 3) (37C686 Sheet 3)

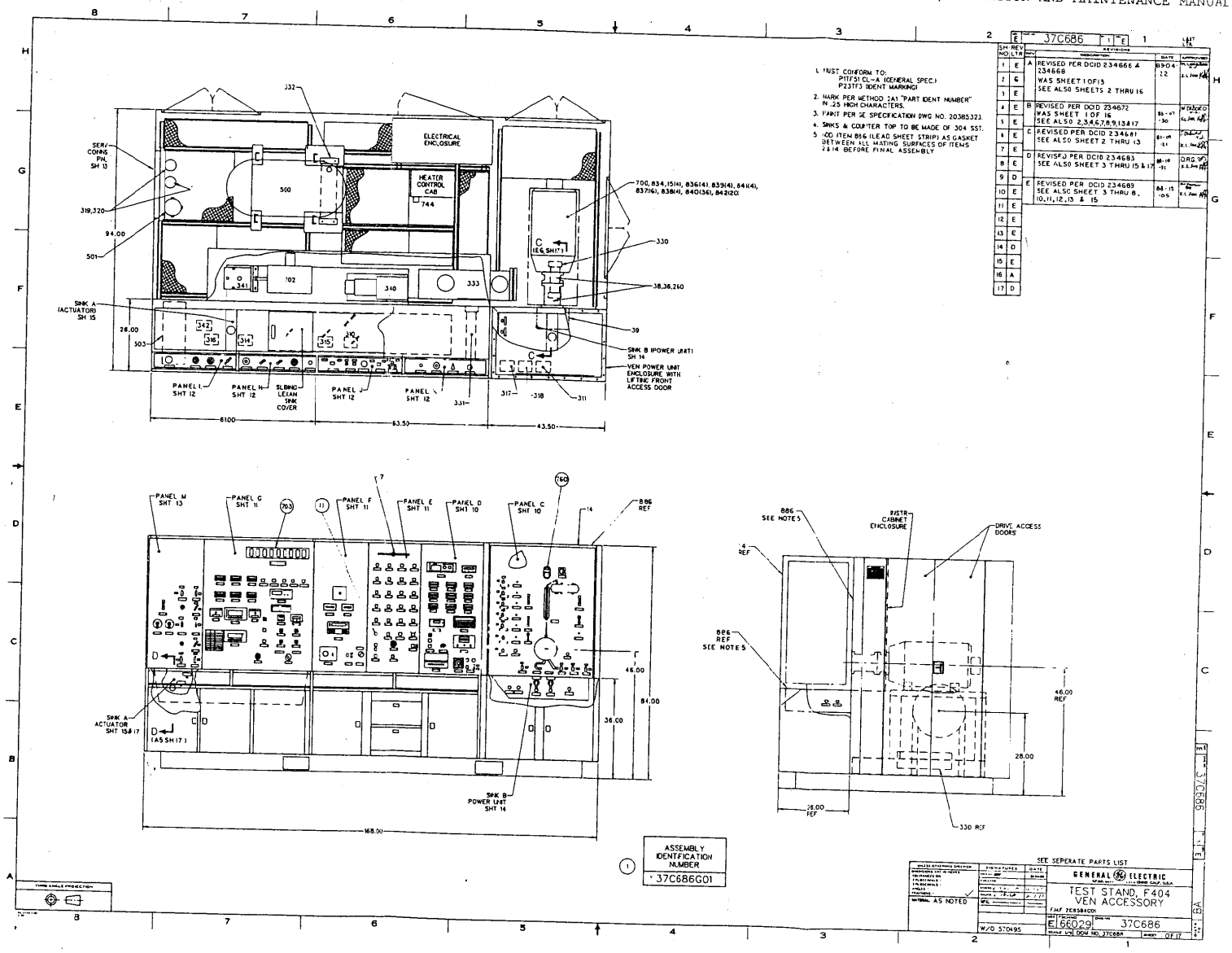


Figure 8.2. Test Stand Accembly
(37C686 Sheet 1)

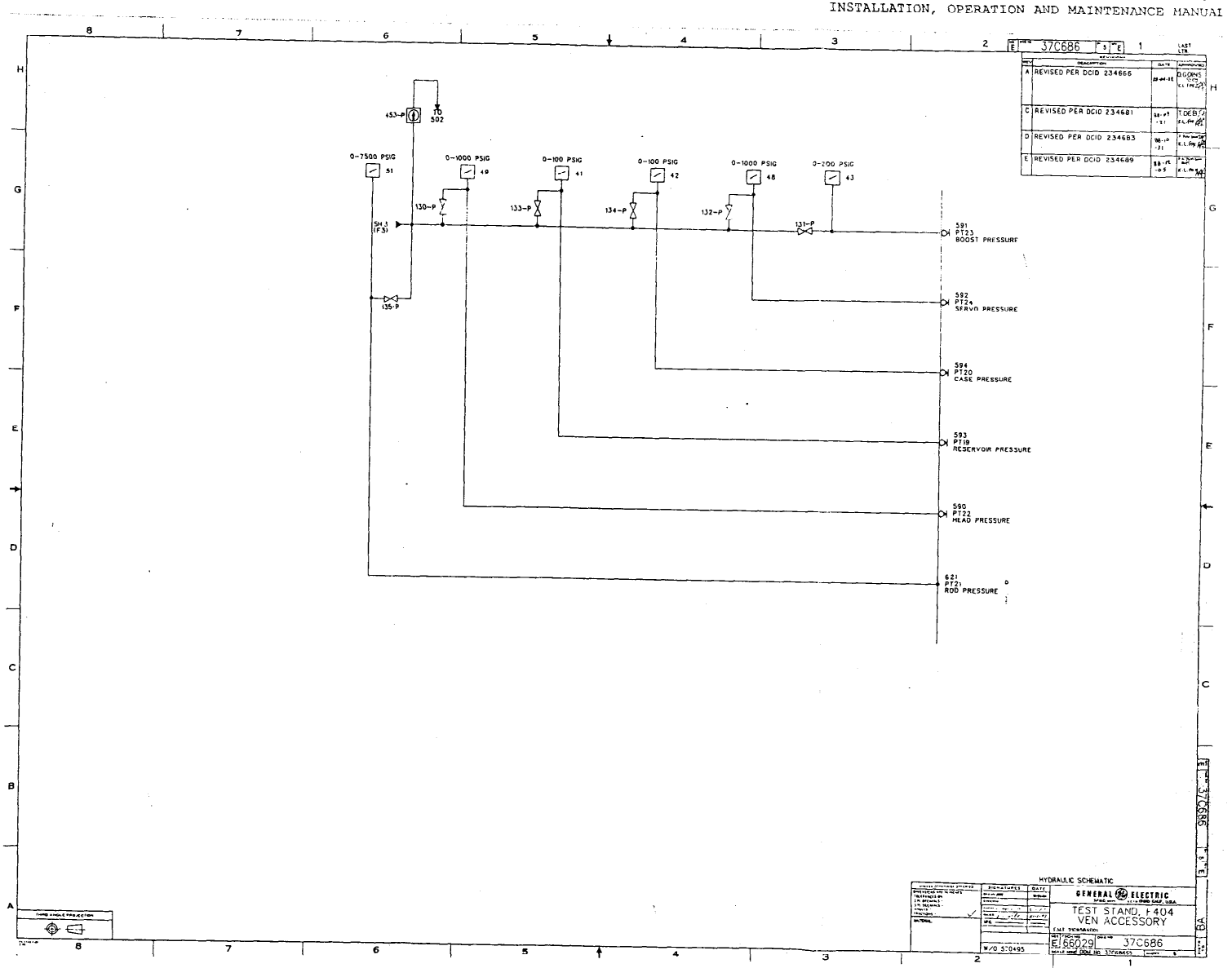
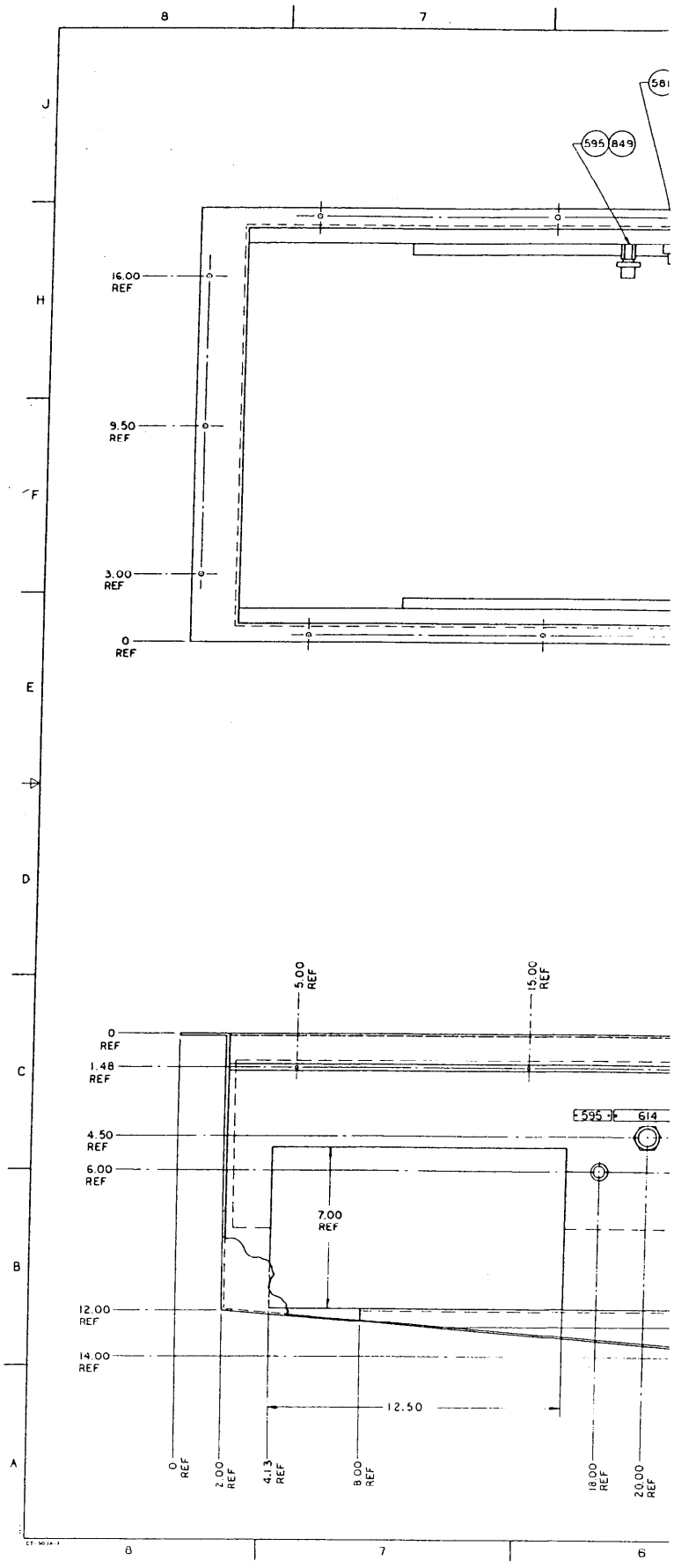


Figure 3.1. Hydraulic Schematic (Sheet 3 of 3) (37C686 Sheet 5)


8
7
6
J
H
F
E
D
C
B
A
581
595
849
16.00 REF
9.50 REF
3.00 REF
0 REF
5.00 REF
15.00 REF
0 REF
1.48 REF
4.50 REF
6.00 REF
595
614
7.00 REF
12.00 REF
14.00 REF
12.50
0 REF
2.00 REF
4.13 REF
8.00 REF
18.00 REF
20.00 REF

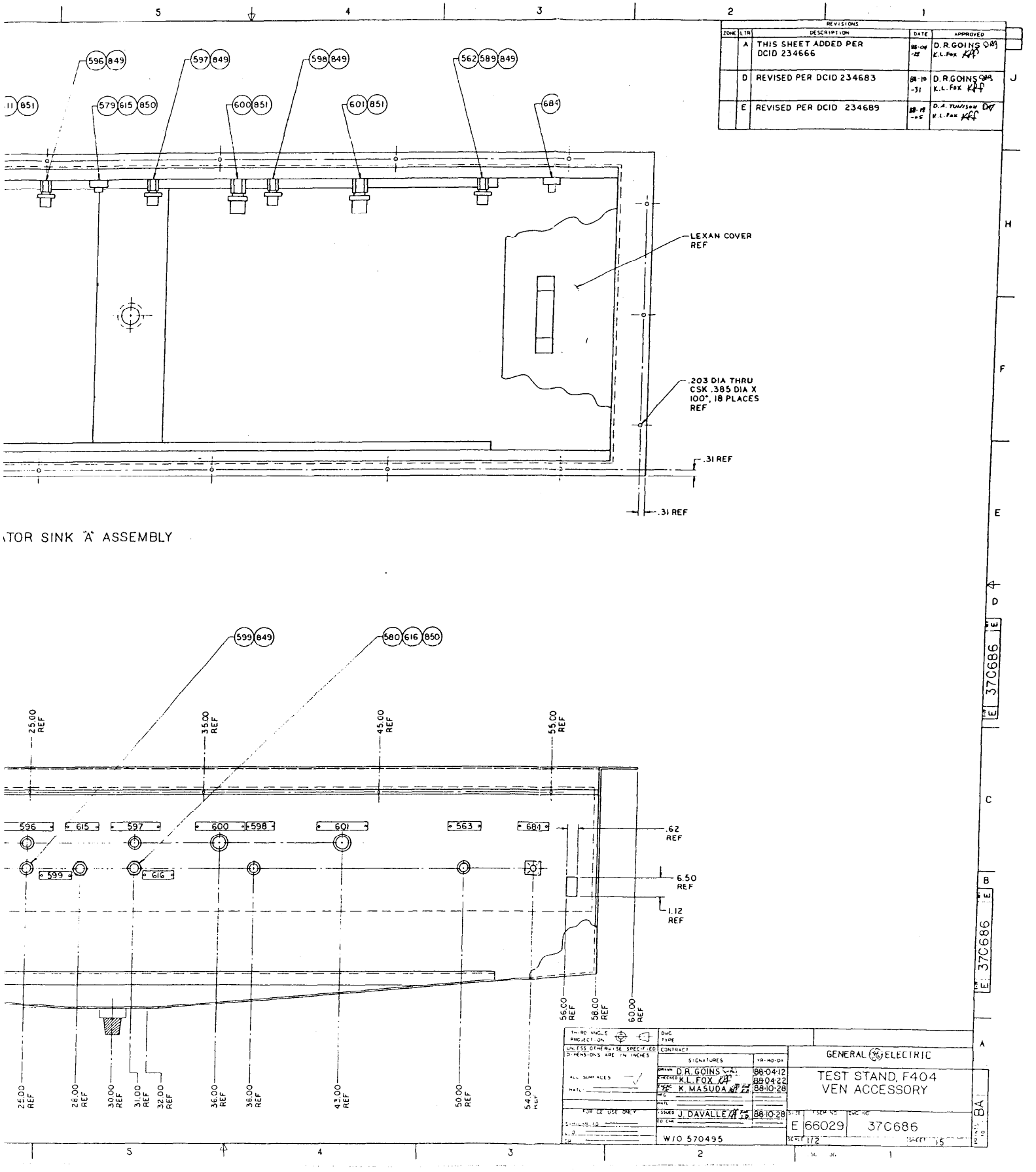
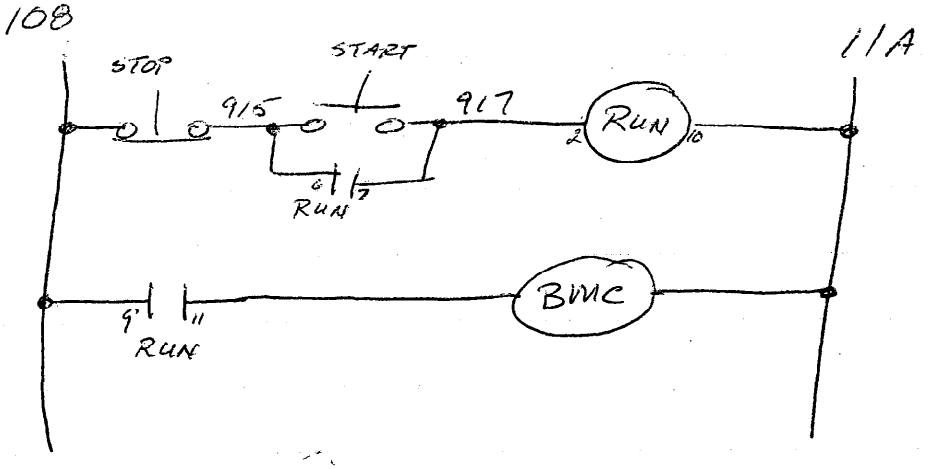


Figure 8.8. Actuator Sink A Assembly
(37C686 Sheet 15)

#1
C24130

F-404 OEM ACTUATOR TEST STAND



PARAMETERS

ACCESS LVL A1-01 = 4 ADVANCED

CONTROL MTHD A1-02 = 0 V/F

REVERSE DIRECTION B1-04 = 1 REVERSE DISABLED

ACCEL TIME C1-01 = 10 SEC

DECEL TIME C1-02 = 30 SEC

MOTOR TYPE E1-02 = 1 BLOWER COOLED

MAX FREQ. E1-04 = 134 HZ

BASE " E1-06 = 134 HZ

MID " E1-07 = 67 HZ

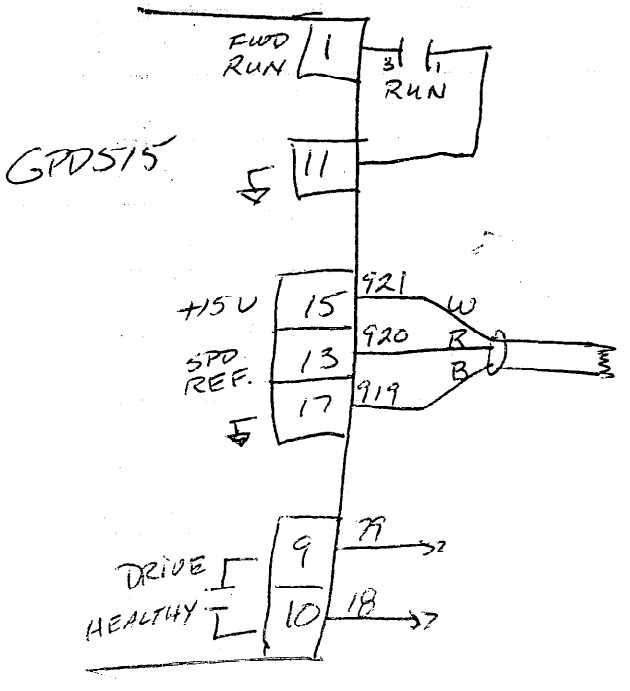
MID VOLTS E1-08 = 230V

MIN FREQ E1-09 = 1.5 HZ

MIN VOLTS E1-10 = 6V

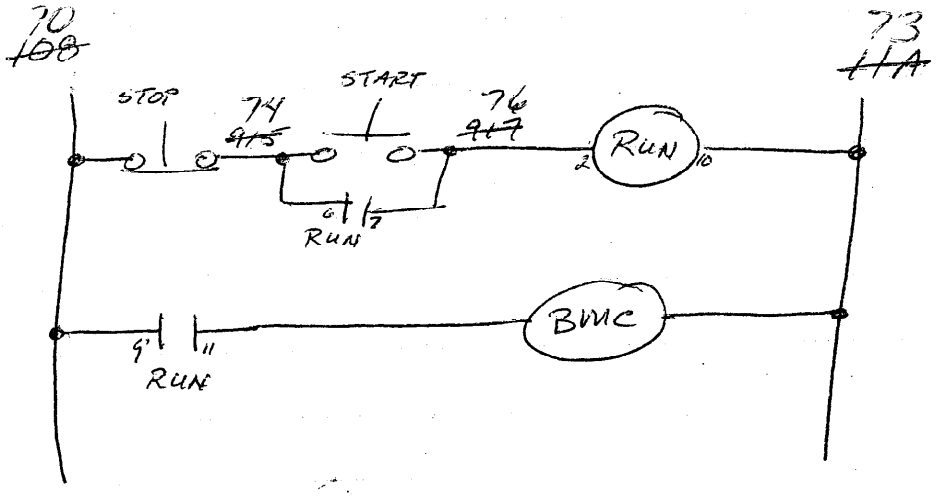
MOTOR FLA E2-01 = 60 A

TERM 9+10 H2-01 = 6 INV. READY



#2
CC0980

F-404 OEM ACTUATOR TEST STAND



PARAMETERS

ACCESS LVL A1-01 = 4 ADVANCED

CONTROL MTHD A1-02 = 0 V/F

REVERSE DIRECTION B1-04 = 1 REVERSE DISABLED

ACCEL TIME C1-01 = 10 SEC

DECEL TIME C1-02 = 30 SEC

MOTOR TYPE E1-02 = 1 BLOWER COOLED

MAX FREQ. E1-04 = 134 HZ

BASE " E1-06 = 134 HZ

MID " E1-07 = 67 HZ

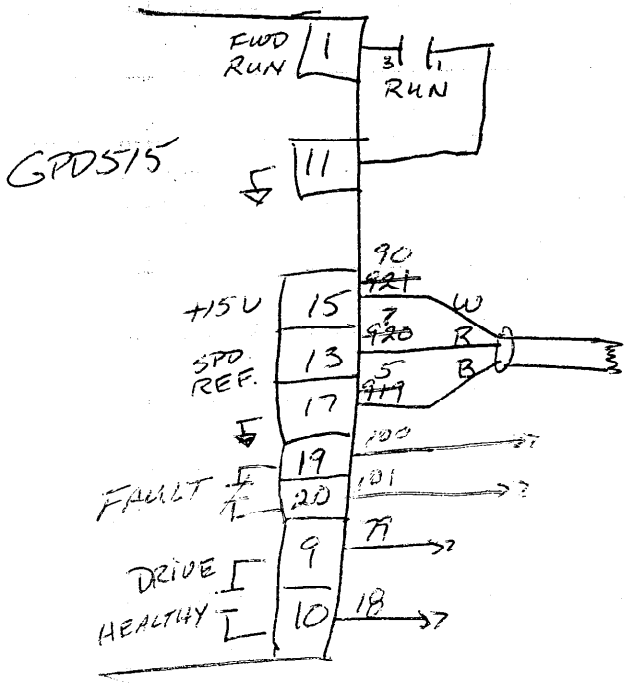
MID VOLTS E1-08 = 230V

MIN FREQ E1-09 = 1.5 HZ

MIN VOLTS E1-10 = 6V

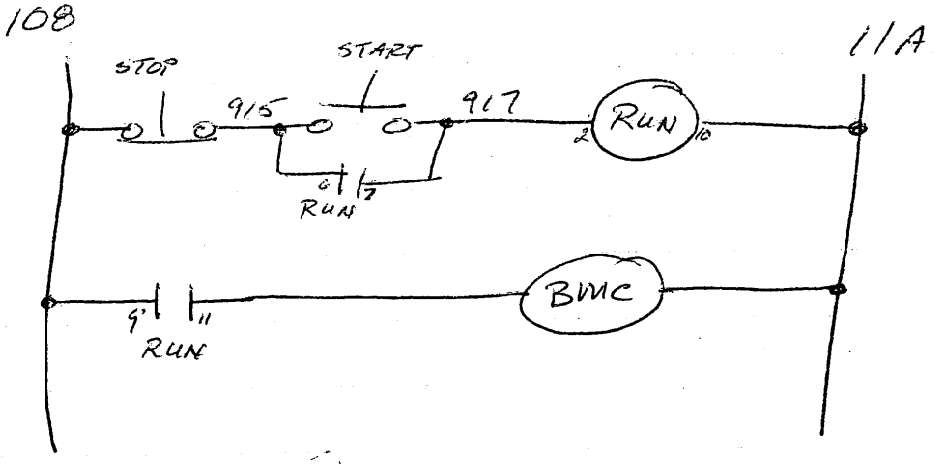
MOTOR FLA E2-01 = 60 A

TERM 9+10 H2-01 = 6 INV. READY



#1
C24130

F-404 OEM ACTUATOR TEST STAND



PARAMETERS

ACCESS LVL A1-01 = 4 ADVANCED

CONTROL MTHD A1-02 = 0 V/F

REVERSE DIRECTION B1-04 = 1 REVERSE DISABLED

ACCEL TIME C1-01 = 10 SEC

DECEL TIME C1-02 = 30 SEC

MOTOR TYPE E1-02 = 1 BLOWER COOLED

MAX FREQ. E1-04 = 134 HZ

BASE " E1-06 = 134 HZ

MID " E1-07 = 67 HZ

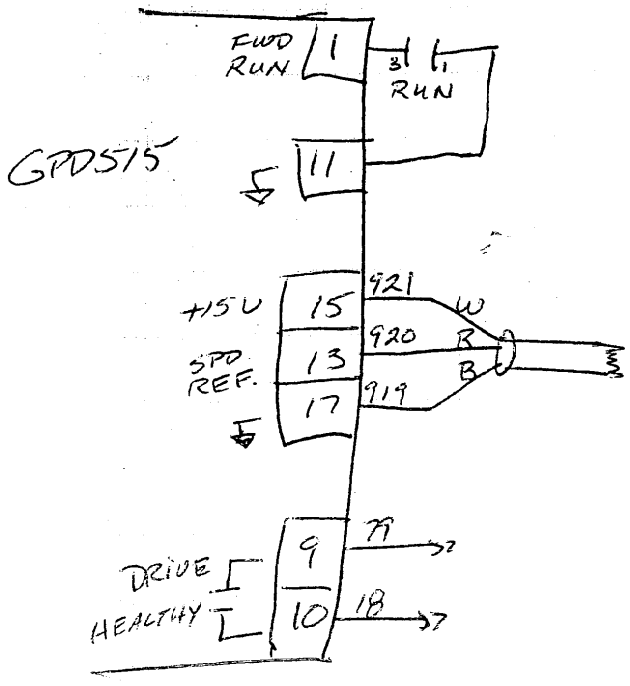
MID VOLTS E1-08 = 230V

MIN FREQ E1-09 = 1.5 HZ

MIN VOLTS E1-10 = 6V

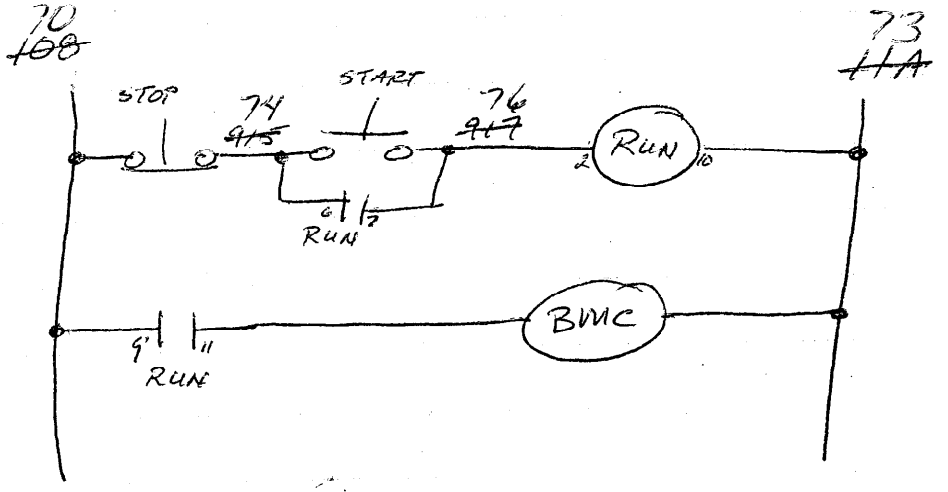
MOTOR FLA E2-01 = 60 A

TERM 9+10 H2-01 = 6 INV. READY



A 2
CC0980

F-404 OEM ACTUATOR TEST STAND



PARAMETERS

ACCESS LVL A1-01 = 4 ADVANCED

CONTROL MTHD A1-02 = 0 V/F

REVERSE DIRECTION B1-04 = 1 REVERSE DISABLED

ACCEL TIME C1-01 = 10 SEC

DECEL TIME C1-02 = 30 SEC

MOTOR TYPE E1-02 = 1 BLOWER COOLED

MAX FREQ. E1-04 = 134 HZ

BASE " E1-06 = 134 HZ

MID " E1-07 = 67 HZ

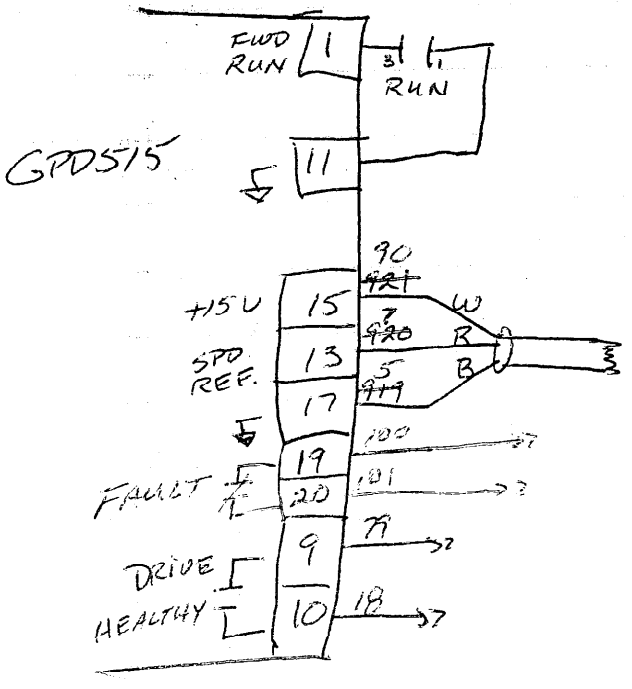
MID VOLTS E1-08 = 230V

MIN FREQ E1-09 = 1.5 HZ

MIN VOLTS E1-10 = 6V

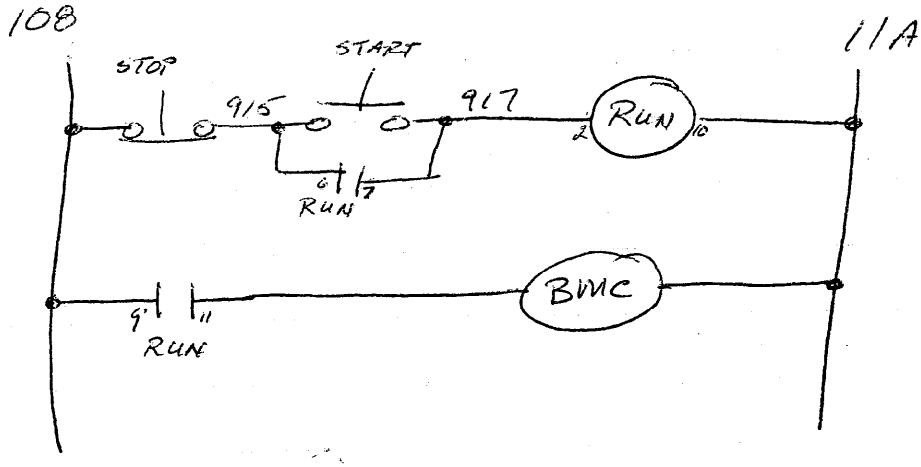
MOTOR FLA E2-01 = 60 A

TERM 9+10 H2-01 = 6 INV. READY



#1
C24130

F-404 OEM ACTUATOR TEST STAND



PARAMETERS

ACCESS LVL A1-01 = 4 ADVANCED

CONTROL MTHD A1-02 = 0 V/F

REVERSE DIRECTION B1-04 = 1 REVERSE DISABLED

ACCEL TIME C1-01 = 10 SEC

DECEL TIME C1-02 = 30 SEC

MOTOR TYPE E1-02 = 1 BLOWER COOLED

MAX FREQ. E1-04 = 134 HZ

BASE " E1-06 = 134 HZ

MID " E1-07 = 67 HZ

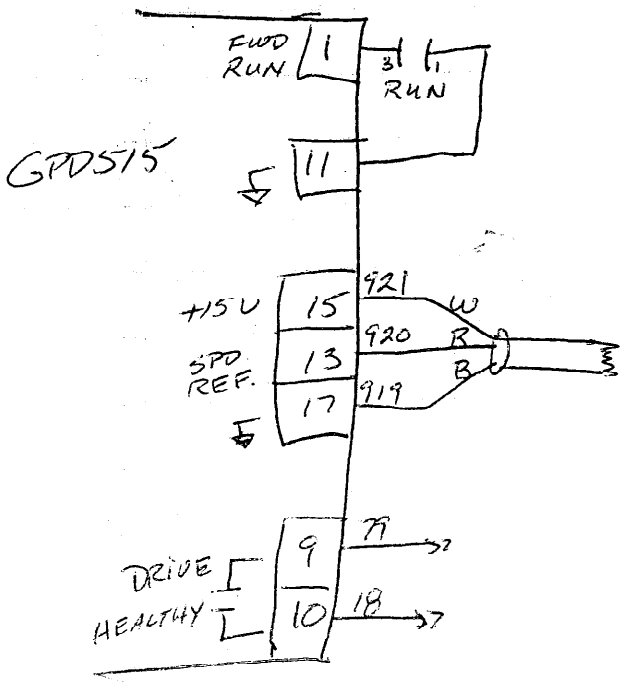
MID VOLTS E1-08 = 230V

MIN FREQ E1-09 = 1.5 HZ

MIN VOLTS E1-10 = 6V

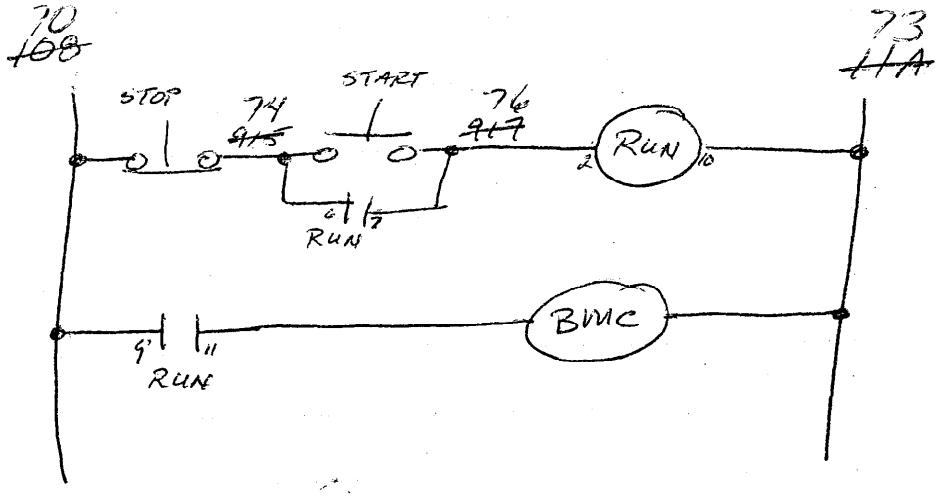
MOTOR FLA E2-01 = 60 A

TERM 9+10 H2-01 = 6 INV. READY



#2
CC0980

F-404 OEM ACTUATOR TEST STAND



PARAMETERS

ACCESS LVL A1-01 = 4 ADVANCED

CONTROL MTHD A1-02 = 0 V/F

REVERSE DIRECTION B1-04 = 1 REVERSE DISABLED

ACCEL TIME C1-01 = 10 SEC

DECEL TIME C1-02 = 30 SEC

MOTOR TYPE E1-02 = 1 BLOWER COOLED

MAX FREQ. E1-04 = 134 HZ

BASE " E1-06 = 134 HZ

MID " E1-07 = 67 HZ

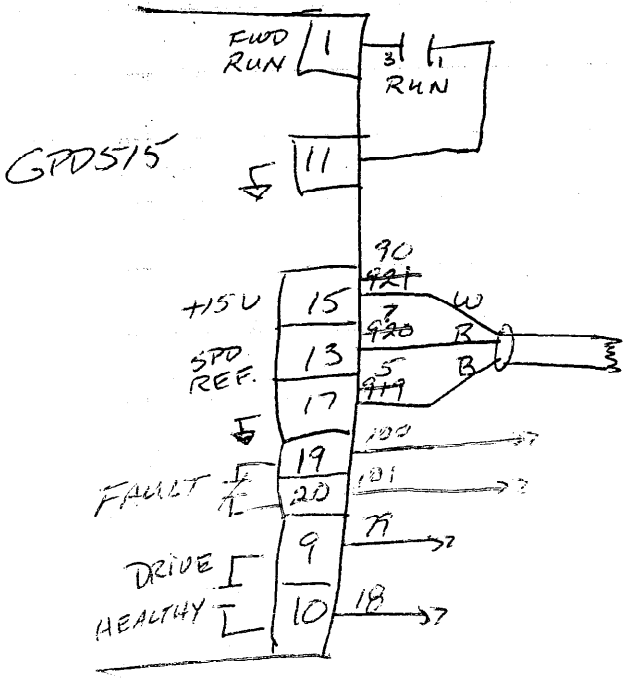
MID VOLTS E1-08 = 230V

MIN FREQ E1-09 = 1.5 HZ

MID VOLTS E1-10 = 6V

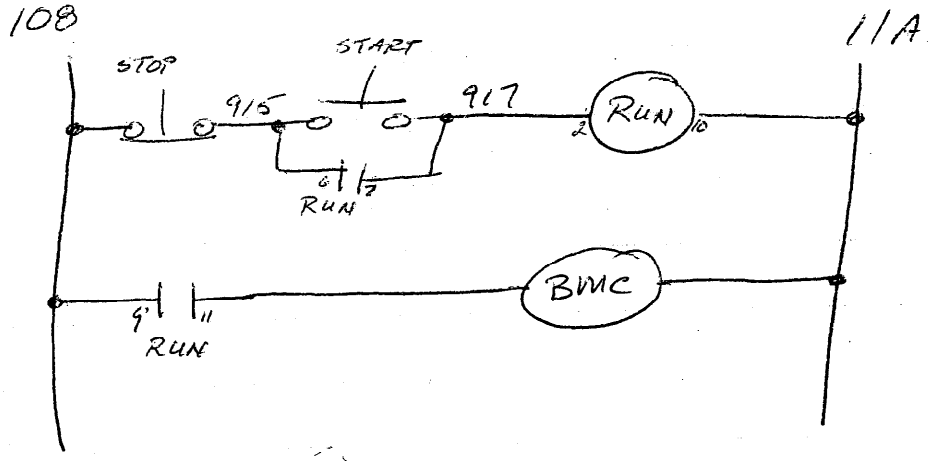
MOTOR FLA E2-01 = 60 A

TERM 9+10 H2-01 = 6 INV. READY



#1
C24130

F-404 OEM ACTUATOR TEST STAND



PARAMETERS

ACCESS LVL A1-01 = 4 ADVANCED

CONTROL MTHD A1-02 = 0 V/F

REVERSE DIRECTION B1-04 = 1 REVERSE DISABLED

ACCEL TIME C1-01 = 10 SEC

DECEL TIME C1-02 = 30 SEC

MOTOR TYPE E1-02 = 1 BLOWER COOLED

MAX FREQ. E1-04 = 134 HZ

BASE " E1-06 = 134 HZ

MID " E1-07 = 67 HZ

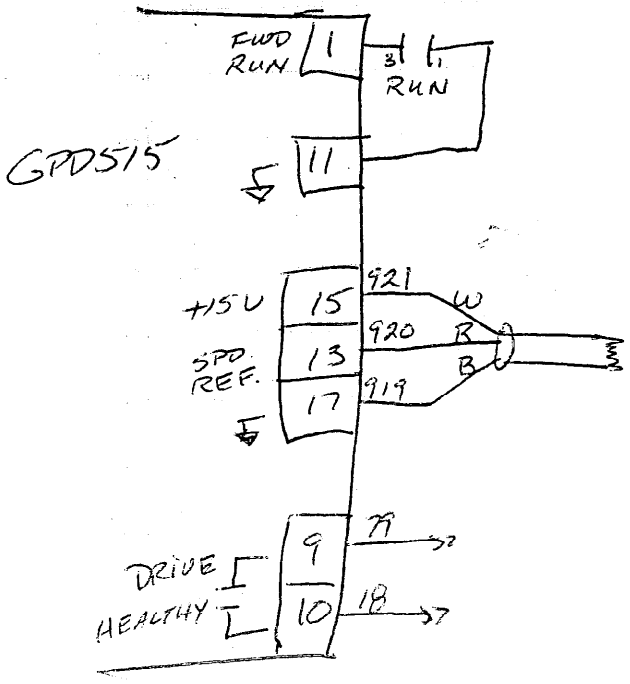
MID VOLTS E1-08 = 230V

MIN FREQ E1-09 = 1.5 HZ

MIN VOLTS E1-10 = 6V

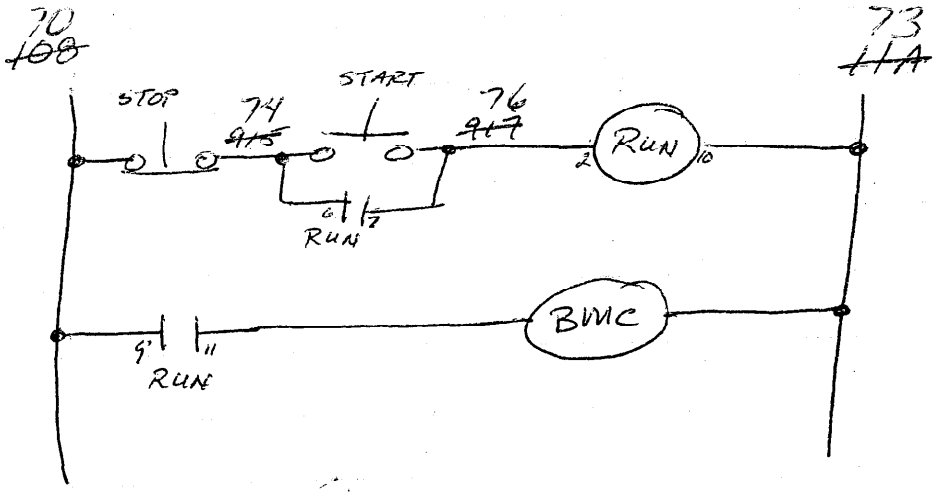
MOTOR FLA E2-01 = 60 A

TERM 9+10 H2-01 = 6 INV. READY



#2
CC0980

F-404 OEM ACTUATOR TEST STAND



PARAMETERS

ACCESS LVL A1-01 = 4 ADVANCED

CONTROL MTHD A1-02 = 0 V/F

REVERSE DIRECTION B1-04 = 1 REVERSE DISABLED

ACCEL TIME C1-01 = 10 SEC

DECEL TIME C1-02 = 30 SEC

MOTOR TYPE E1-02 = 1 BLOWER COOLED

MAX FREQ. E1-04 = 134 HZ

BASE " E1-06 = 134 HZ

MID " E1-07 = 67 HZ

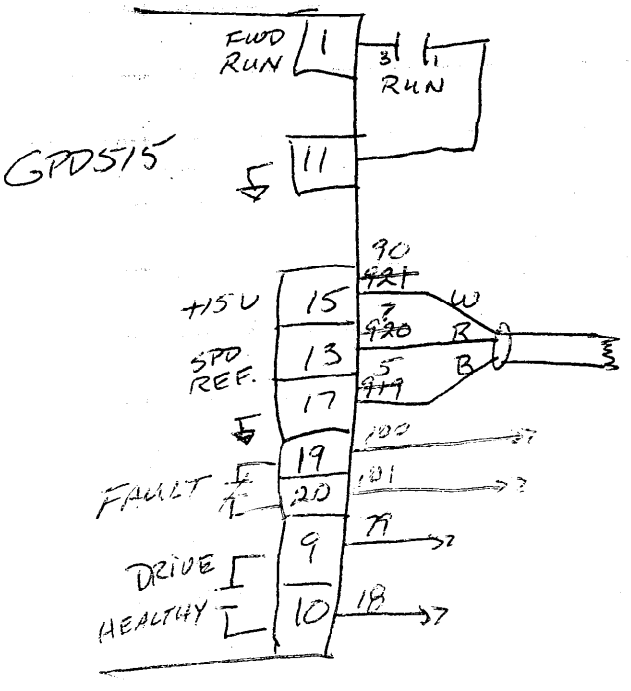
MID VOLTS E1-08 = 230V

MIN FREQ E1-09 = 1.5 HZ

MIN VOLTS E1-10 = 6V

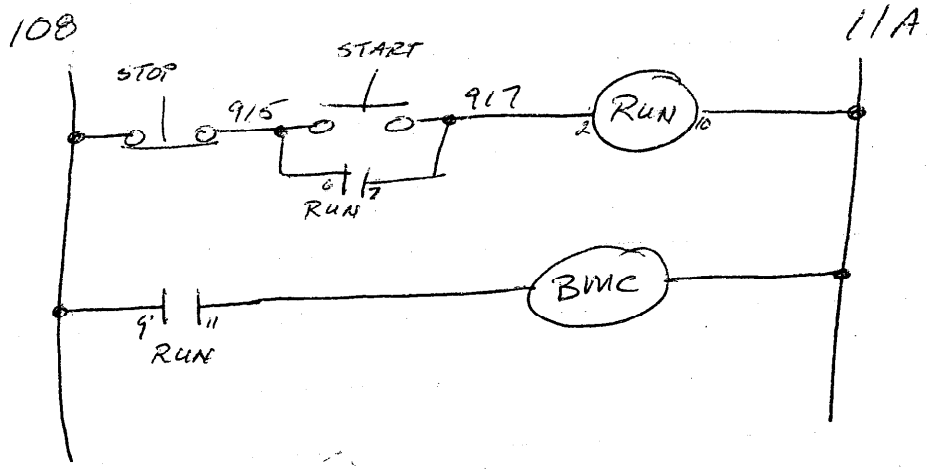
MOTOR FLA E2-01 = 60 A

TERM 9+10 H2-01 = 6 INV. READY



#1
C24130

F-404 OEM ACTUATOR TEST STAND



PARAMETERS

ACCESS LVL A1-01 = 4 ADVANCED

CONTROL MTHD A1-02 = 0 V/F

REVERSE DIRECTION B1-04 = 1 REVERSE DISABLED

ACCEL TIME C1-01 = 10 SEC

DECEL TIME C1-02 = 30 SEC

MOTOR TYPE E1-02 = 1 BLOWER COOLED

MAX FREQ. E1-04 = 134 HZ

BASE " E1-06 = 134 HZ

MID " E1-07 = 67 HZ

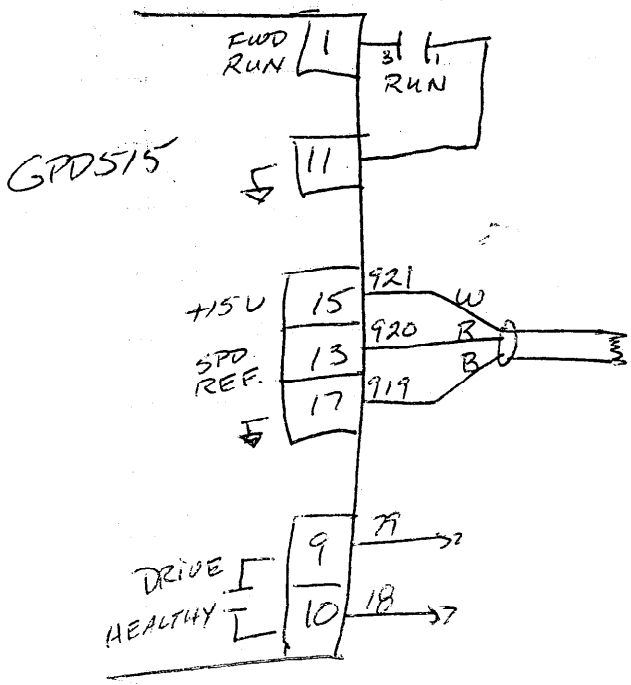
MID VOLTS E1-08 = 230V

MIN FREQ E1-09 = 1.5 HZ

MIN VOLTS E1-10 = 6V

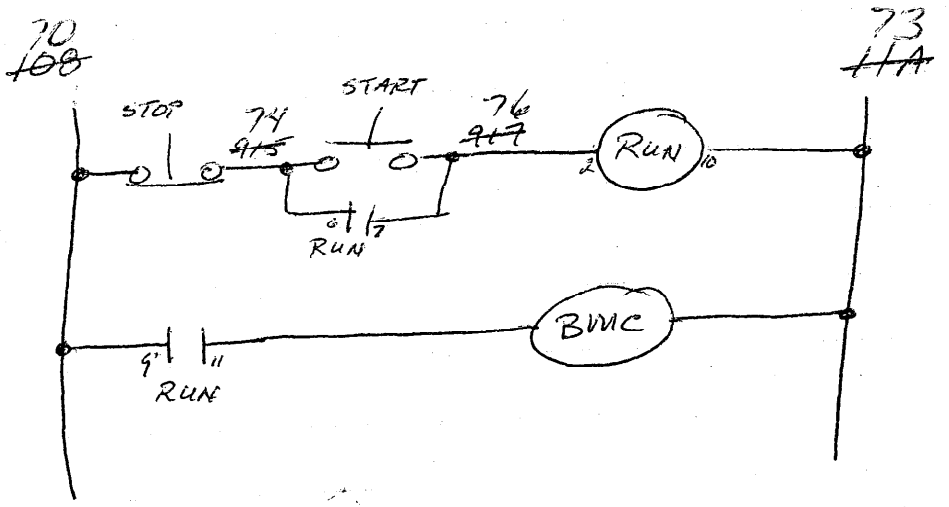
MOTOR FLA E2-01 = 60 A

TERM 9+10 H2-01 = 6 INV. READY



#2
C00980

F-404 OEM ACTUATOR TEST STAND



PARAMETERS

ACCESS LVL A1-01 = 4 ADVANCED

CONTROL MTHD A1-02 = 0 V/F

REVERSE DIRECTION B1-04 = 1 REVERSE DISABLED

ACCEL TIME C1-01 = 10 SEC

DECEL TIME C1-02 = 30 SEC

MOTOR TYPE E1-02 = 1 BLOWER COOLED

MAX FREQ. E1-04 = 134 HZ

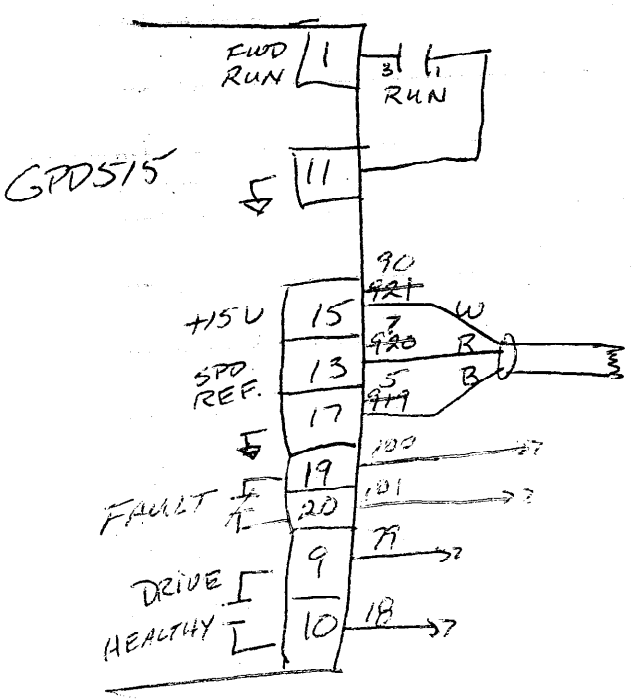
BASE " E1-06 = 134 HZ

MID " E1-07 = 67 HZ

MID VOLTS E1-08 = 230V

MIN FREQ E1-09 = 1.5 HZ

MID VOLTS E1-10 = 6V

MOTOR FLA E2-01 = 60 A

TERM 9+10 H2-01 = 6 INV. READY