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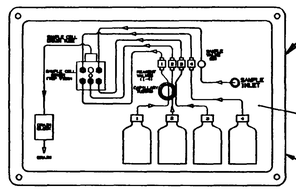
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DWG. NO. 60000-60 SHT 1 REV J

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	3-6-94	JG, JE
B	REVISED PER R-817-94	6-17-94	JG, JE
C	REVISED PER R-538-95	3-3-95	JG, JE
D	REVISED PER R-836-95	3-31-95	JG, JE
E	REVISED PER R-1278-95	5-30-95	JG, JE
F	REVISED PER R-1923-95	10-6-95	JG, JE
G	REVISED PER R-0825-96	7-15-96	JG, JE
H	REVISED PER R-0882-96	7-29-96	JG, JE
J	REVISED PER R-1980-97	12-9-97	JG



47273-00 COVER
5584-11 SCREW (4)PL

47284-00 LABEL

46977-00 LABEL (FARSIDE)

6789-17
(CLAMP) (2)PL
5584-11 (2)PL
(SCREW)

46971-00
(TERMINAL
BLOCK)

47302-00
(VALVE PINCH)

45486-00
(FITTING)
70608-24
(THD. TAPE)
(4)PL

44948-00 (4)PL
(VALVE)
12399-11 (8)PL
(SCREW)

47275-00
VALVE BRACKET

5584-11
(SCREW)
(2)PL

44945-00
(FITTING)
70608-24
(THD. TAPE)
(4)PL

45552-00
CAPLUG

45994-00
(LIGHT SHIELD)

31151-00
(CLIP)

44956-00
THERMISTER
ASSY.

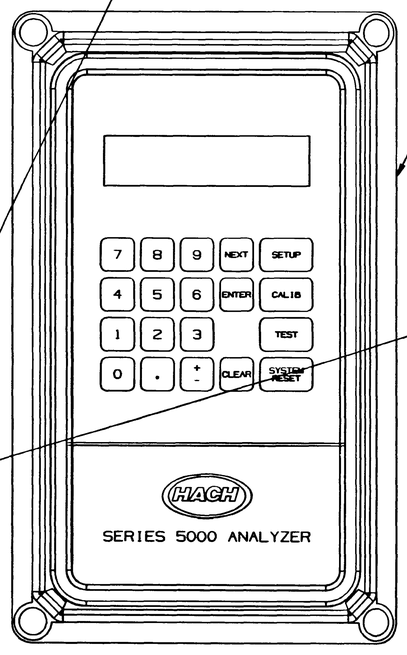
44954-30
COLORIMETER ASSY
45530-00 (3)PL
(STAND-OFF)
10439-11 (3)PL
(SCREW)

6790-45
(TIE CABLE)
(2)PL

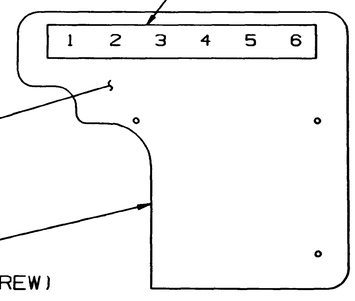
44957-30
CAPILLARY
ASSY.

GND. LOC. #3
15" GND WIRE CONNECTS
TO GND LOC #1

47605-00 CONTROL BOX ASSY
5617-11 SCREW (4)PL
ASSURE (4)PL



47369-00 LABEL



47274-00
(COVER)
5584-11 (SCREW)
(3) PL

REVISION STATUS OF SHEETS		
6	C	A
5	D	H
4	D	J
3	D	E
2	D	E
1	D	J
SHT	SIZE	REV

QUANTITY PER SUPPLY	DESCRIPTION	USE NOTE	REF DES	PART NO.	ITEM
PARTS LIST					

FOR GENERAL REQUIREMENTS SEE HACH STANDARDS
DIMENSIONS ARE IN INCHES.

DO NOT SCALE THIS DWG.

MATL

NEXT ASSY | USED ON

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DWN	1-24-94	JRB
CHK		
ENGR		
REL		

SCALE NONE | SHT 1 OF 8

HACH COMPANY
LOVELAND, COLORADO - AMES, IOWA

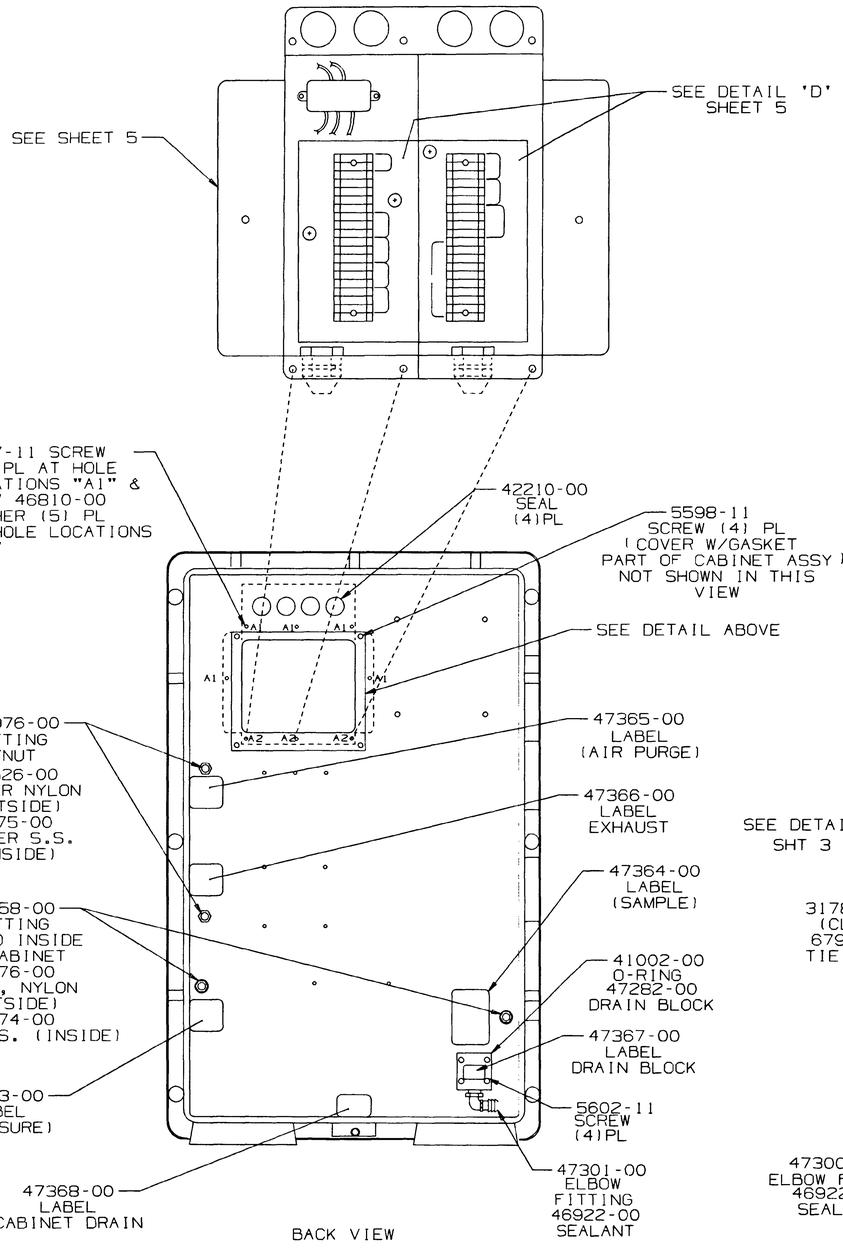
TITLE SILICA ANALYZER, SERIES 5000

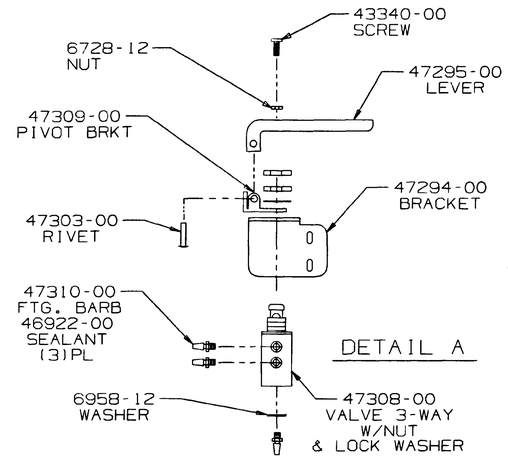
SIZE D | DWG. NO. 60000-60 | REV J

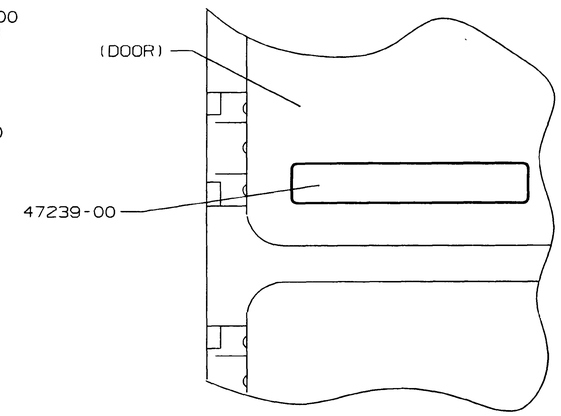
DWG. NO.	SHT	REV
60000-60	2	E

REVISIONS

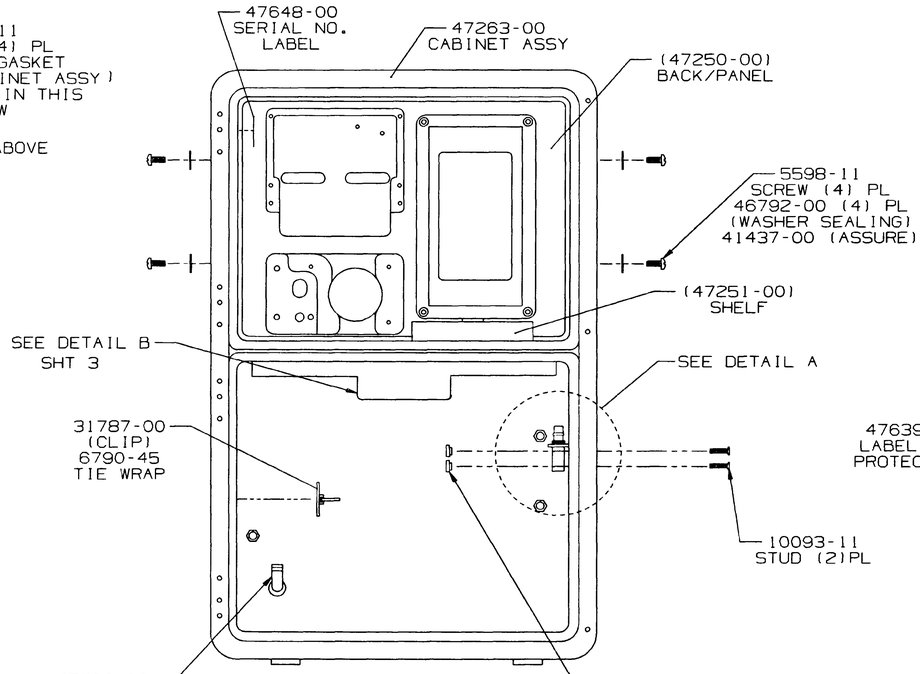
REV	DESCRIPTION	DATE	APPROVED



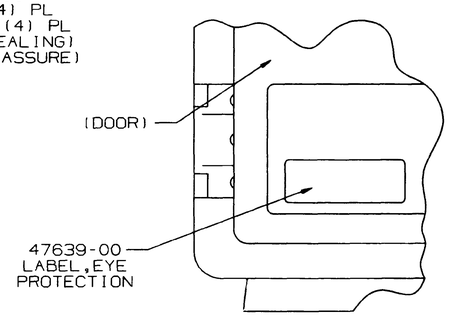




FRONT VIEW WITH UPPER DOOR



FRONT VIEW DOORS REMOVED



FRONT VIEW WITH LOWER DOOR

QUANTITY PER SUFFIX	DESCRIPTION	SEE NOTE	REF DES	PART NO.	ITEM

PARTS LIST

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MATL.

DWN	1-20-94	
CHK		
ENGR		
REL		

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LOVELAND, COLORADO - AMES, IOWA

TITLE SILICA ANALYZER, SERIES 5000

SIZE	DWG. NO.	REV
D	60000-60	E

SHT	SIZE	REV
REVISION STATUS OF SHEETS		

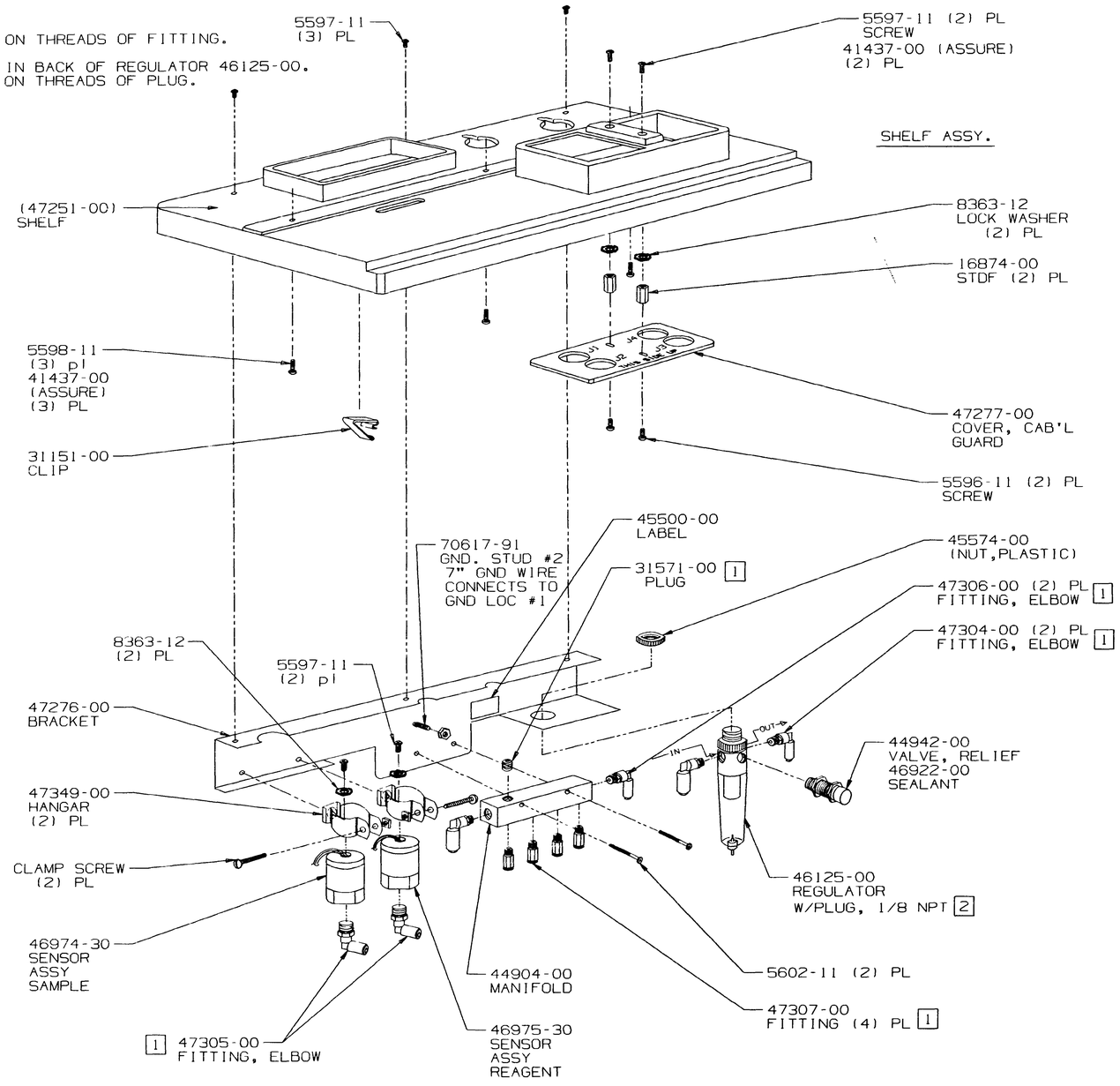
NEXT ASSY | USED ON | SCALE NONE | SHT 2 OF 6

DWG. NO.	SHT	REV
60000-60	3	E

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

NOTES:

1. USE 46922-00 SEALANT ON THREADS OF FITTING.
2. INSTALL 1/8 NPT PLUG IN BACK OF REGULATOR 46125-00. USE SEALANT 46922-00 ON THREADS OF PLUG.



UTILITY BRACKET ASSY.

DETAIL B

QUANTITY PER SUFFIX	DESCRIPTION	SEE NOTE	REF DES	PART NO.	ITEM

PARTS LIST

FOR GENERAL REQUIREMENTS SEE HACH STANDARDS DIMENSIONS ARE IN INCHES.

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MATL.

DWN	1-21-94	SRS	
CHK			
ENGR			
REL			

HACH COMPANY
LOVELAND, COLORADO - AMES, IOWA

TITLE: SILICA ANALYZER, SERIES 5000

SIZE	DWG. NO.	REV
D	60000-60	E

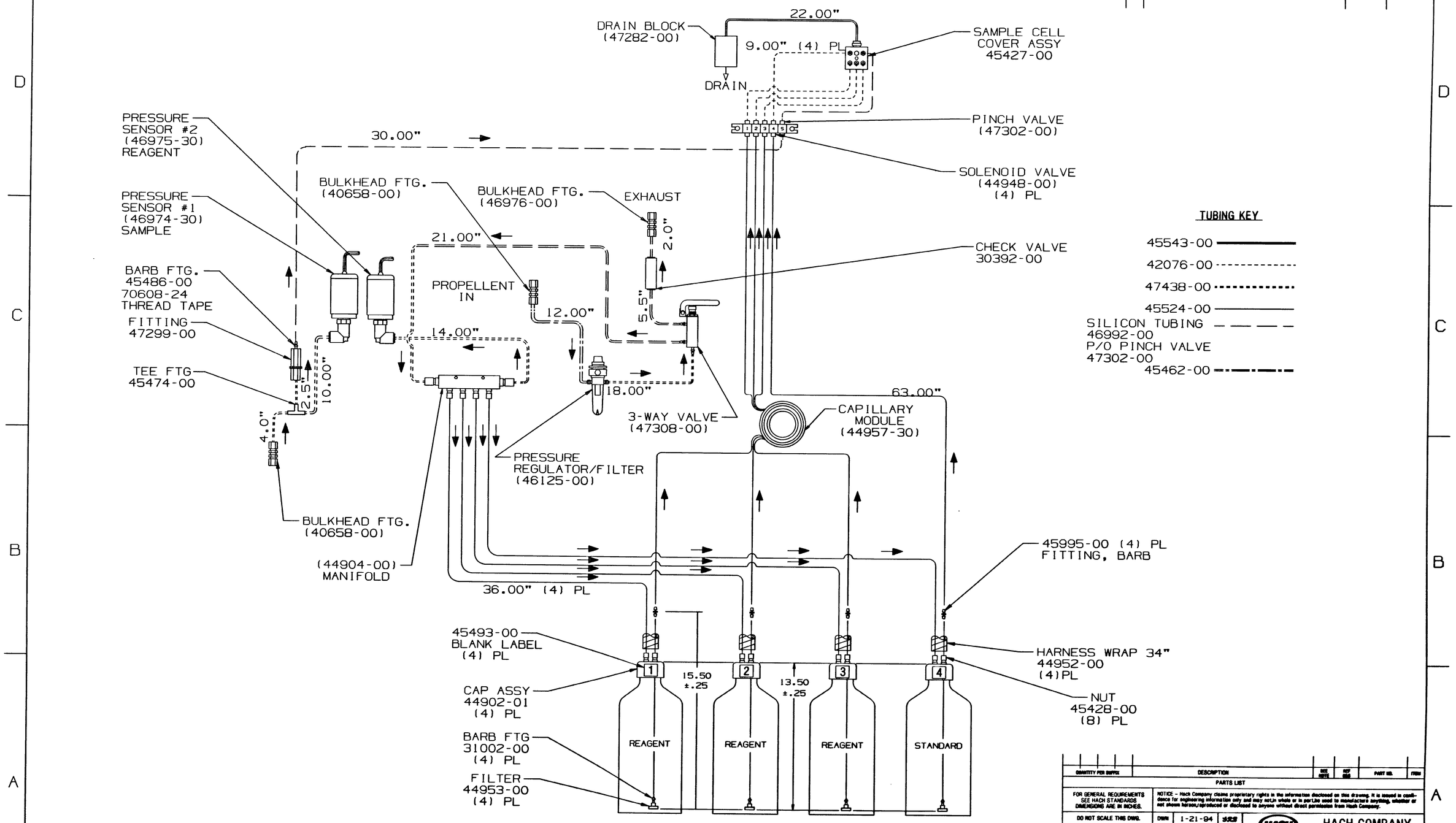
SHT	SIZE	REV
REVISION STATUS OF SHEETS		

NEXT ASSY | USED ON | SCALE NONE | SHT 3 OF 6

DWG. NO.	SHT	REV
60000-60	4	J

REVISIONS

REV	DESCRIPTION	DATE	APPROVED



NOTE: STD. & REAGENT TYPE WILL VARY WITH INSTRUMENT CHEMICAL ANALYSIS PARAMETER

TUBING KEY

45543-00	———
42076-00	- - - - - - - - - - -
47438-00	· · · · · · · · · · · ·
45524-00	———
SILICON TUBING 46992-00 P/O PINCH VALVE 47302-00	— — — —
45462-00	—·—·—·—

QUANTITY PER SUPPLY	DESCRIPTION	SEE NOTE	REF DWG	PART NO.	FROM
PARTS LIST					

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DWN	1-21-94	SRS
CHK		
ENGR		
REL		
SCALE NONE	SHT 4 OF 6	

HACH COMPANY
LOVELAND, COLORADO - AMES, IOWA

TITLE: SILICA ANALYZER, SERIES 5000

SIZE	DWG. NO.	REV
D	60000-60	J

SHT	SIZE	REV
REVISION STATUS OF SHEETS		
NEXT ASSY	USED ON	

DWG. NO.	SHT	REV
60000-60	5	H

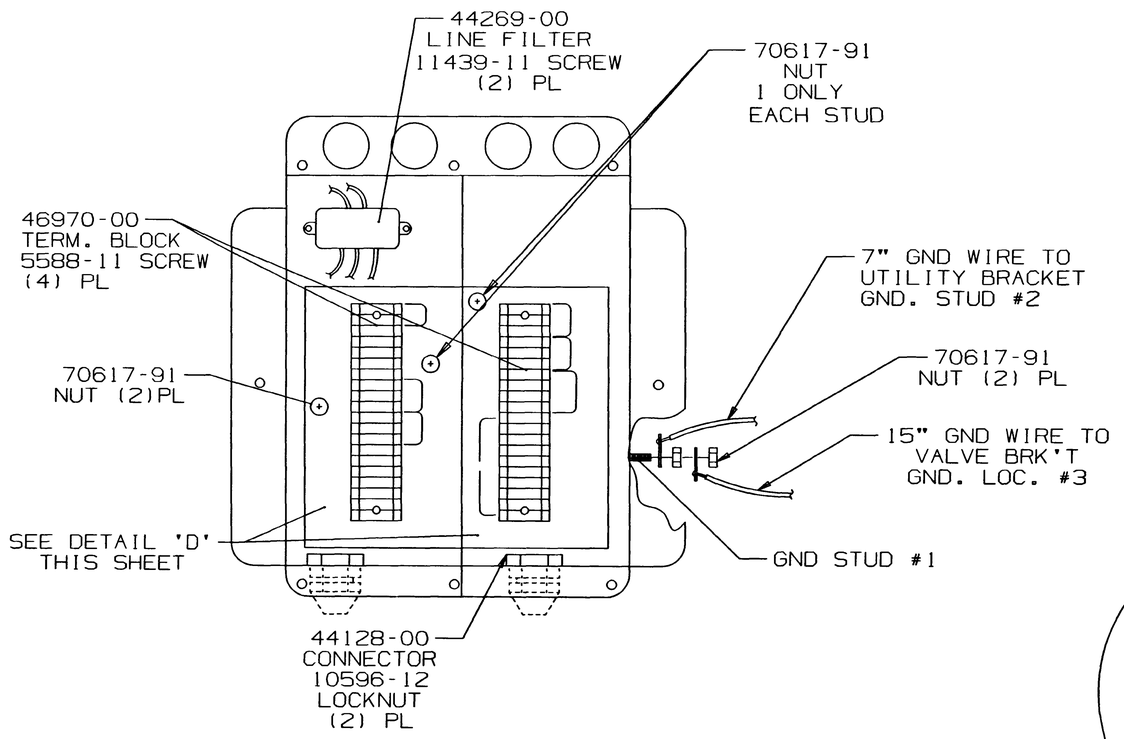
REVISIONS

REV	DESCRIPTION	DATE	APPROVED

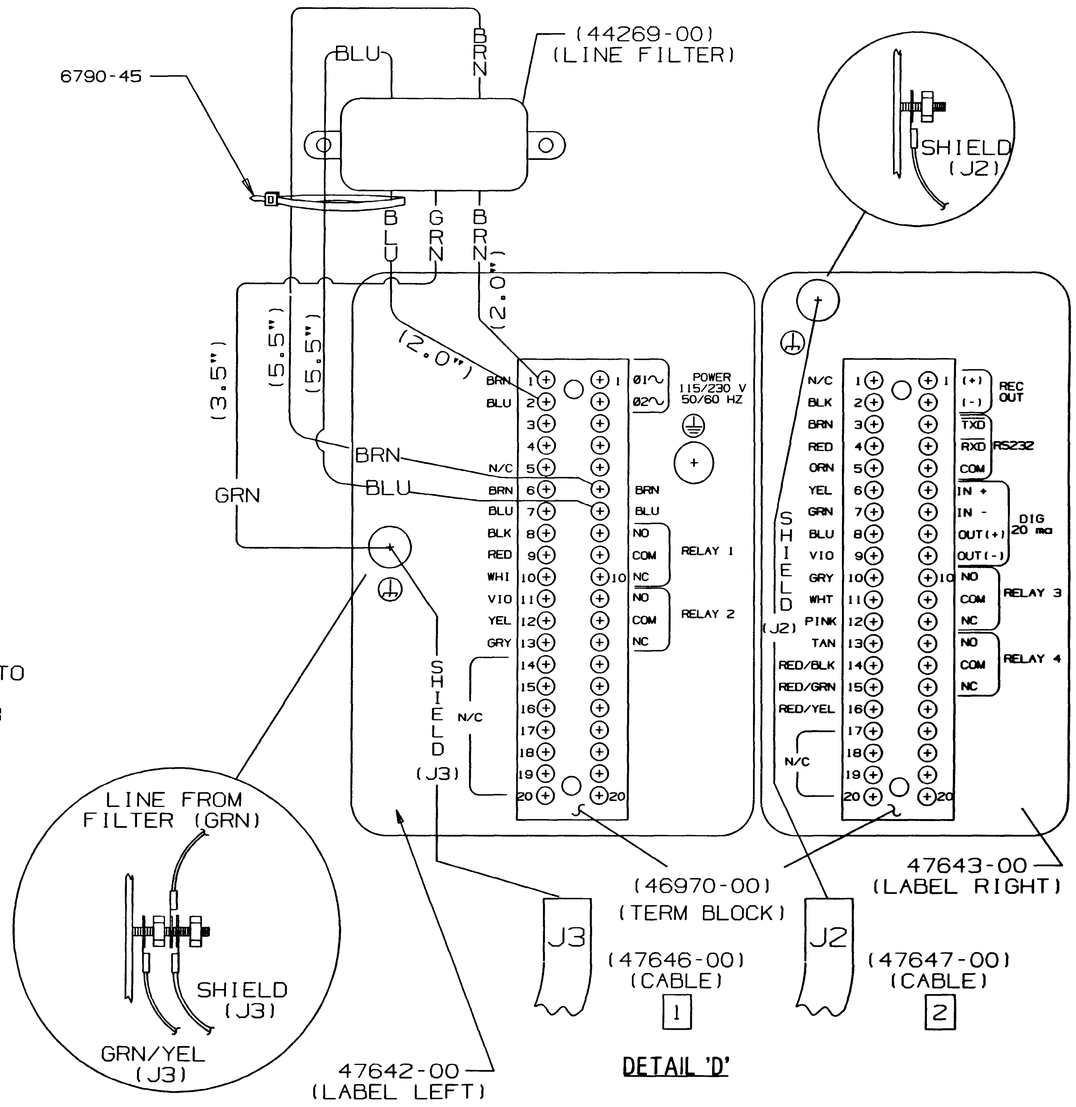
NOTES:

1. CONNECT THE TINNED WIRES FROM J3 TO TERMINAL BLOCK 46970-00 PER THE COLORS LISTED ON LABEL 47642-00. TIE ALL J3 WIRES TOGETHER WITH A 6790-45 CABLE-TIE.

2. CONNECT THE TINNED WIRES FROM J2 TO TERMINAL BLOCK 46970-00 PER THE COLORS LISTED ON LABEL 47643-00. TIE ALL J2 WIRES TOGETHER WITH A 6790-45 CABLE-TIE.



DETAIL 'C'



DETAIL 'D'

QUANTITY PER SUFFIX	DESCRIPTION	SEE NOTE	REF DES	PART NO.	ITEM

PARTS LIST

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MATL.

DWN	1-21-94	WSB	
CHK			
ENGR			
REL			

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TITLE: SILICA ANALYZER, SERIES 5000

SIZE	DWG. NO.	REV
D	60000-60	H

SCALE NONE | SHT 5 OF 8

NEXT ASSY | USED ON

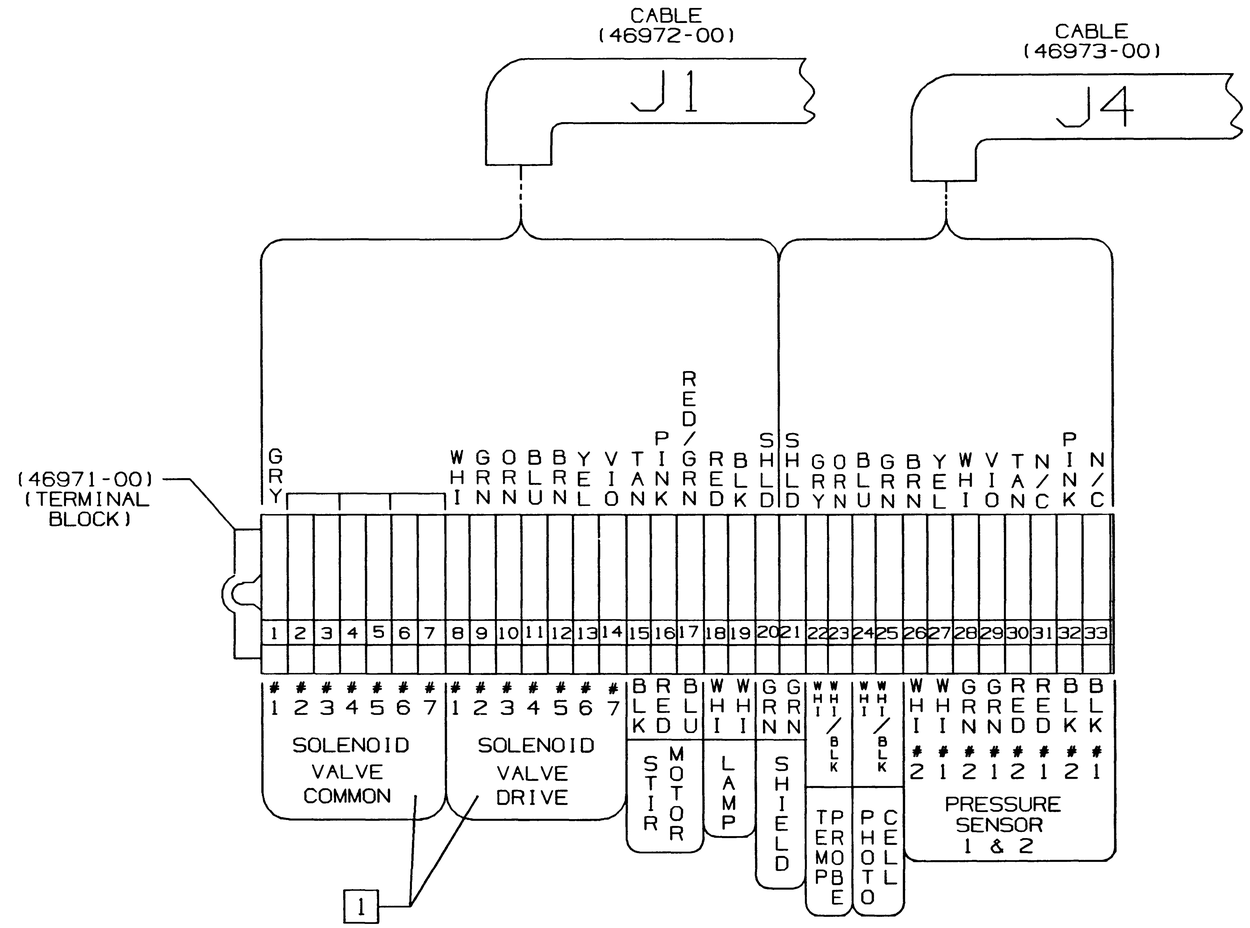
SHT	SIZE	REV

REVISION STATUS OF SHEETS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

NOTES:

1. BROWN WIRE ON SOLENOID VALVE, 44948-00, IS CONSIDERED COMMON & BLUE WIRE IS CONSIDERED DRIVE.



CONNECTION DETAIL

QUANTITY PER SUFFIX	DESCRIPTION	SEE NOTE	REF DES	PART NO.	ITEM
PARTS LIST					

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DWN	2-03-94	
CHK		
ENGR		
REL		

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LOVELAND, COLORADO - AMES, IOWA

TITLE: SILICA ANALYZER, SERIES 5000

NEXT ASSY	USED ON	SCALE	SHT	SIZE	DWG. NO.	REV
		NTS	6 OF 6	C	60000-60	A

SHT	SIZE	REV
REVISION STATUS OF SHEETS		

DWG NO. 60000-60 SHT 6 REV A

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