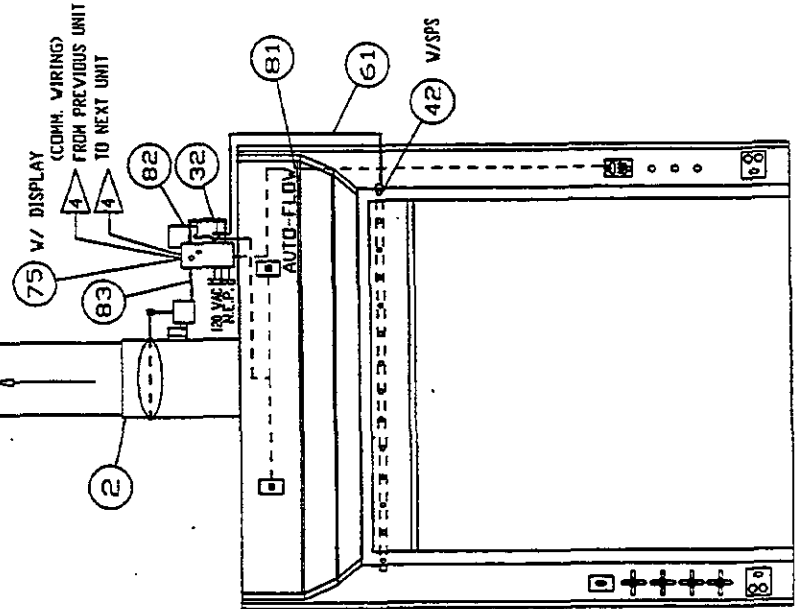


ALL WIRING TERMINATED TO HCI CONTROLLER.

FUME EXHAUST



NOTE:
THE FOLLOWING LEGEND IS FOR ALL WIRING
NOT TERMINATED BY PRE MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS.
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION

WIRING LEGEND

1. STAT (3) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
2. HEAT VALVE (2) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
3. ACTUATORS (2) 3-CONDUCTOR 18 GA. TWISTED SHIELDED
PAIRS IN OVERALL CABLE.
4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER
IN OVERALL CABLE.

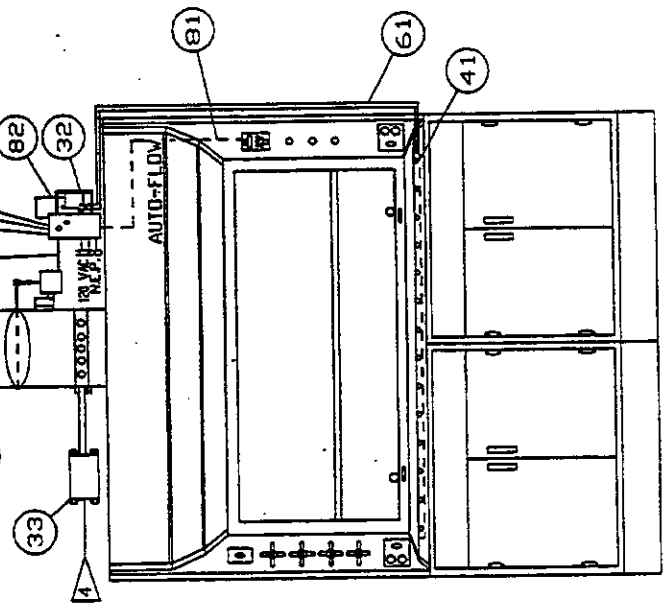


DRAWN BY		CHECKED BY		DATE: 9-13-79		DRAWING NO.	
ENGINEER		CIRCUIT		WALK-IN SILENT HOOD		A950052	
FUME HOOD		DETAILS		AUTO-FLOW			

ALL WIRING TERMINATED TO HCI CONTROLLER.

FUME EXHAUST

75 W/ DISPLAY
(COMM. WIRING)
FROM PREVIOUS UNIT
TO NEXT UNIT



NOTE:
THE FOLLOWING LEGEND IS FOR ALL WIRING
NOT TERMINATED BY PRE MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS.
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION.

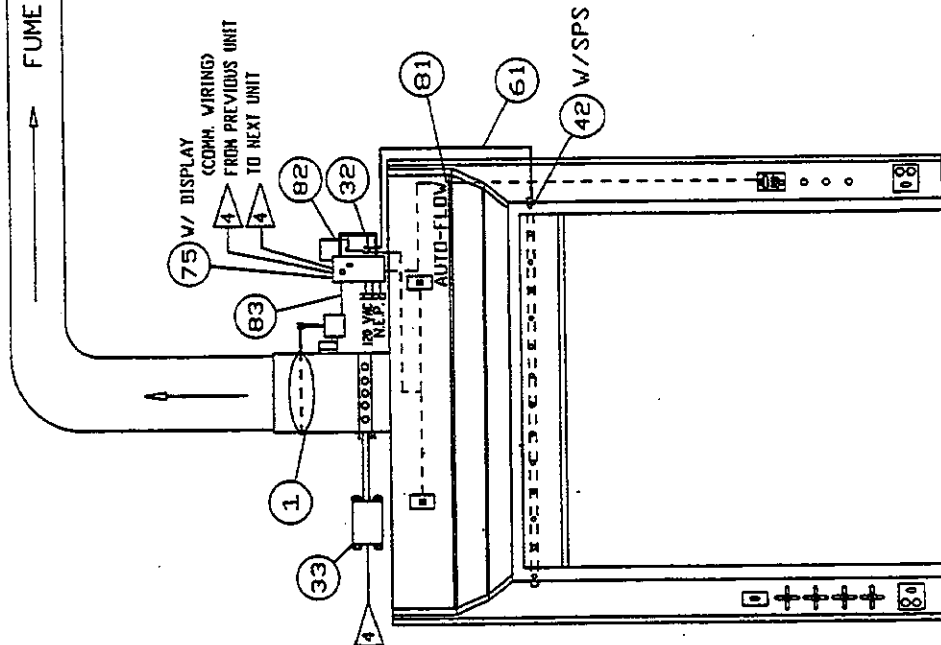
WIRING LEGEND

1. STAT (3) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
2. RETURN VALVES (2) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
3. ACTUATORS (2) 3-CONDUCTOR 18 GA. TWISTED SHIELDED
PAIRS IN OVERALL CABLE.
4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER
WIRING (1) 20 GA. TWISTED SHIELDED PAIR
IN OVERALL CABLE.



FUME HOOD DETAILS		DRAWING NO. A950053	
DESIGNER	DATE	BY	DATE
CHIEF	REV	CHKD	REV
DATE 9-13-79	W/ AIR FLOW TRACKING	DATE 9-13-79	W/ AIR FLOW TRACKING
SHEET		SHEET	

FUME EXHAUST



NOTE:
THE FOLLOWING LEGEND IS FOR ALL WIRING
NOT TERMINATED BY PRC MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS.
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION.

WIRING LEGEND

1. STAT (2) 20 GA. TWISTED SHIELDED PAIRS IN OVERALL CABLE
2. RELAY VALVES (2) 20 GA. TWISTED SHIELDED PAIRS IN OVERALL CABLE
3. ACTUATORS (2) 3-CONDUCTOR 18 GA. TWISTED SHIELDED PAIRS IN OVERALL CABLE
4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER WIRING (1) 20 GA. TWISTED SHIELDED PAIR IN OVERALL CABLE



FUME HOOD
DETAILS

DRAWN LIP	ENGR. RVT	CHECK RVT	DATE: 10-13-79	SHEET
AUTO-FLDY				
PR. HOSKOT, PA. 15122				
VAC. IN STEEL HOOD				
W/ AIR FLOW INDICATING				
DRAWING NO. A950054				

ALL WIRING TERMINATED TO HCI CONTROLLER.

FUME EXHAUST

FUME SUPPLY

W/ DISPLAY

(COMM. WIRING)
FROM PREVIOUS UNIT
TO NEXT UNIT

AUTO-FLOW

NOTE:
THE FOLLOWING LEGEND IS FOR ALL WIRING
NOT TERMINATED BY PRE MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS.
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION.

WIRING LEGEND

1. STAT (3) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
2. RELAY (1) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
3. ACTUATORS (2) 3-CONDUCTOR 18 GA. TWISTED SHIELDED
PAIRS IN OVERALL CABLE.
4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER
WIRING (1) 20 GA. TWISTED SHIELDED PAIR
IN OVERALL CABLE.

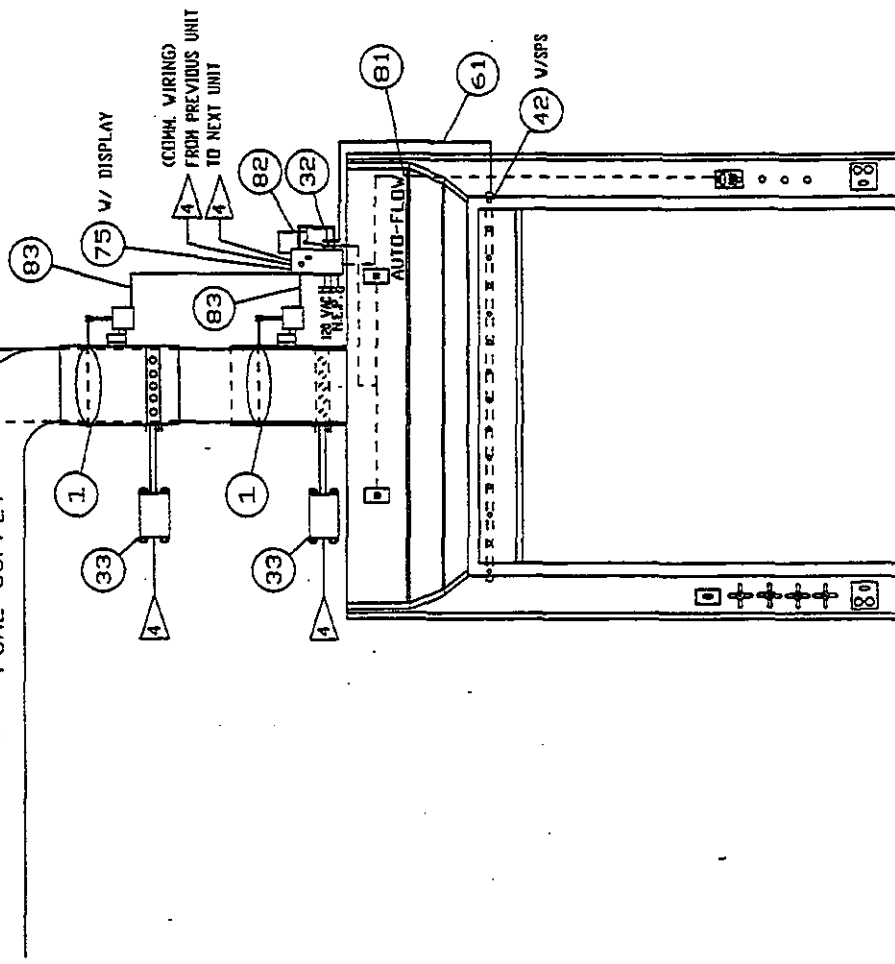


FUME HOOD DETAILS		AUTO-FLDY ONE TECHNOLOGY BUILDING, PA 15122	
DESIGNED BY	REV	ENGINEERED BY	REV
DATE: 9-13-79	W/ AUT AIR & FLOW TRACING	DATE: 9-13-79	W/ AUT AIR & FLOW TRACING
SHEET	8	DRAWING NO.	A950055

ALL WIRING TERMINATED TO HCI CONTROLLER.

FUME EXHAUST

FUME SUPPLY



NOTE:
THE FOLLOWING LEGEND IS FOR ALL WIRING
NOT TERMINATED BY PRE MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS.
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION.

WIRING LEGEND

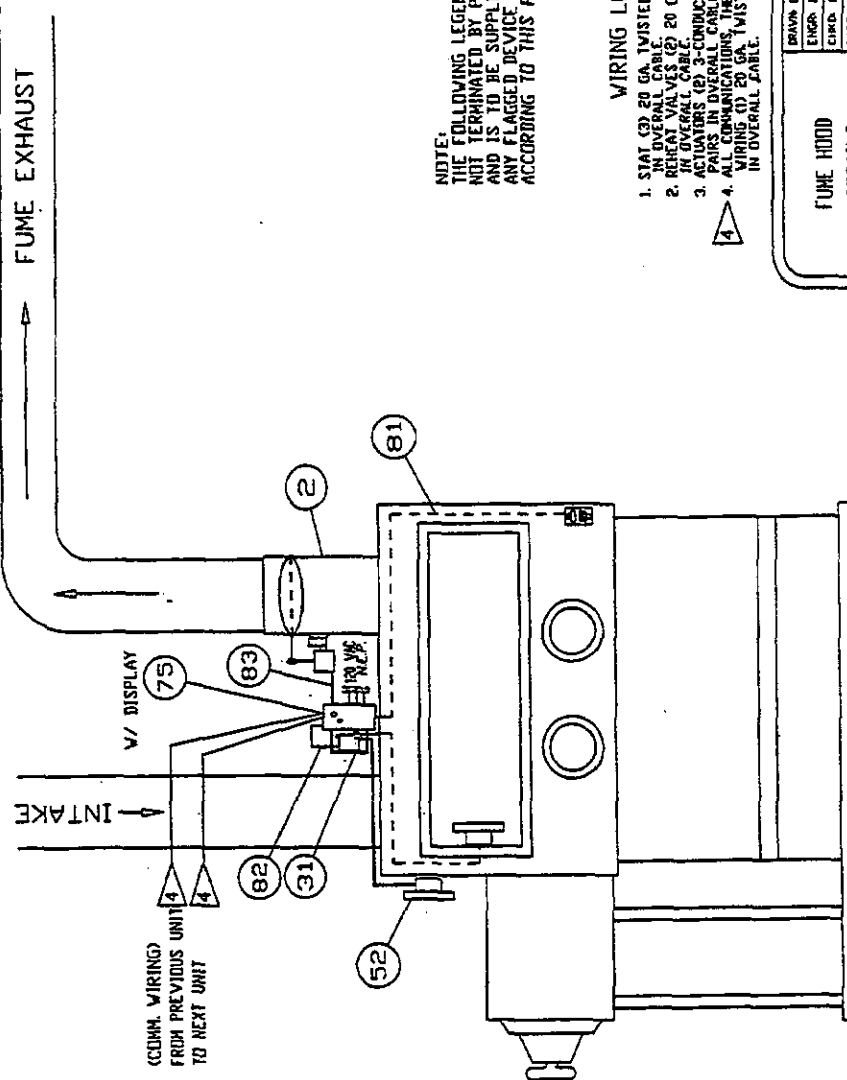
1. STAT (3) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE
2. RELAY (1) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE
3. ACTUATORS (2) 3-CONDUCTOR 18 GA. TWISTED SHIELDED
PAIRS IN OVERALL CABLE
4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER
WIRING (1) 20 GA. TWISTED SHIELDED PAIR
IN OVERALL CABLE



FUME HOOD
DETAILS

DRAWN: LIP	AUTO-FLOW
ENGR: RWT	REV. 10/10/10
CHECK: RWT	DATE: 11/13/10
SHEET: 1	DRAWING NO. A950056

ALL WIRING TERMINATED TO HCI CONTROLLER.



NOTE:
THE FOLLOWING LEGEND IS FOR ALL WIRING
NOT TERMINATED BY PRE MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS.
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION.

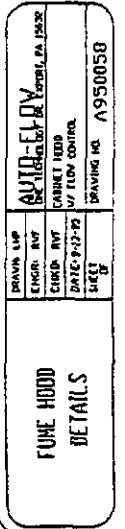
WIRING LEGEND

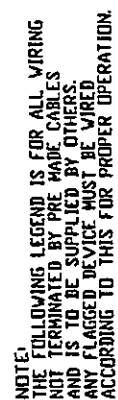
1. STAT (2) 20 GA TWISTED SHIELDED PAIRS IN OVERALL CABLE.
2. REHEAT VALVES (2) 20 GA TWISTED SHIELDED PAIRS IN OVERALL CABLE.
3. ACTUATORS (2) 3-CONDUCTOR 18 GA TWISTED SHIELDED PAIRS IN OVERALL CABLE.
4. WIRING TERMINALS, RESISTORS & TRANSDUCER IN OVERALL CABLE.



FUME HOOD
DETAILS

DESIGNED BY	AS/1000000000
ENGINEER	AS/1000000000
CHECKED BY	AS/1000000000
DATE	11-11-75
SHEET	1 OF 1
DRAWING NO.	AS50057



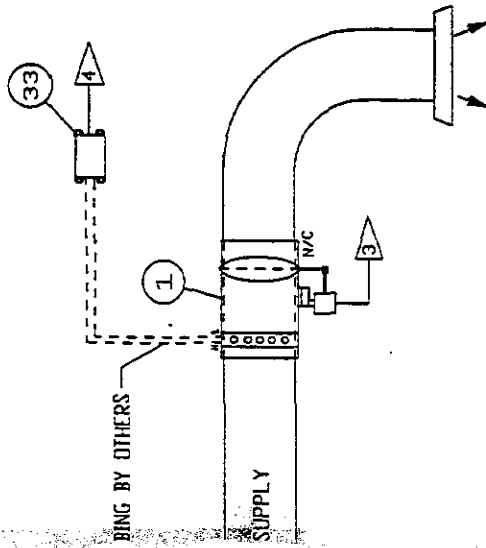


WIRING LEGEND

1. STAT (3) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
2. REHEAT VALVES (2) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
3. ACTUATORS (2) 3-CONDUCTOR 18 GA. TWISTED SHIELDED
PAIRS IN OVERALL CABLE.
4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER
WIRING (1) 20 GA. TWISTED SHIELDED PAIR
IN OVERALL CABLE.

ALL WIRING TERMINATED TO LCx SERIES CONTROL PANEL.
FOR SPECIFIC INFORMATION CONSULT A9500518 OR A950019.

LABORATORY DETAILS	DRAWER LIP	AUTO-CLIP	
	ENGR. BY	B. C. HODGSON JR. EPHRATA, PA 19322	
	CHECKED BY	SIMPLE SUPPLY W/ PRESSURE CLIP	
	DATE: 9-13-85		
	SHEET	DRAWING NO. A950059	



NOTE:
THE FOLLOWING LEGEND IS FOR ALL WIRING
NOT TERMINATED BY PRE MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS.
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION.

WIRING LEGEND

1. STAT (2) 20 GA TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
2. REHEAT VALVES (2) 20 GA TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
3. ACTUATORS (2) 3-CONDUCTOR 18 GA TWISTED SHIELDED
PAIRS IN OVERALL CABLE.
4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER
WIRING (1) 20 GA TWISTED SHIELDED PAIR
IN OVERALL CABLE.

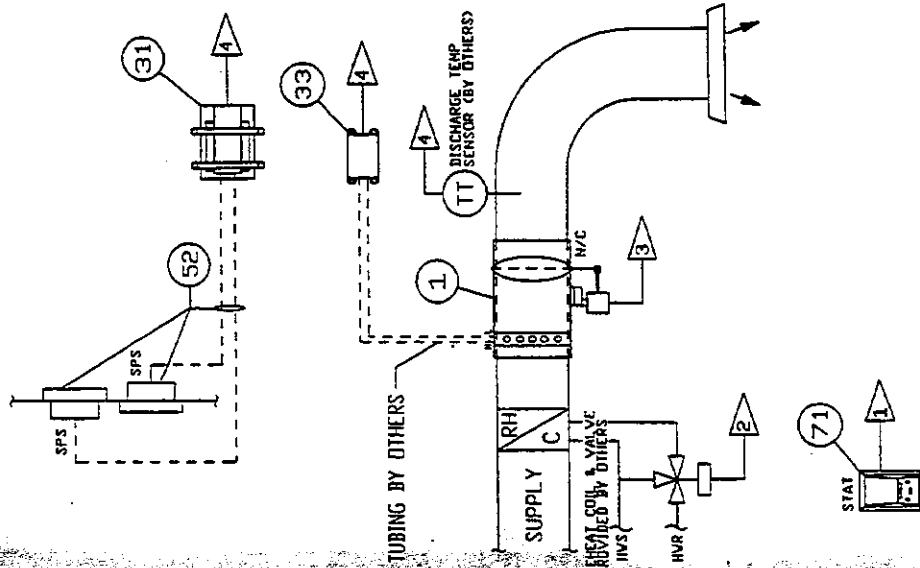


ALL WIRING TERMINATED TO LCx SERIES CONTROL PANEL.
FOR SPECIFIC INFORMATION CONSULT A9500518 OR A950019.

LABORATORY DETAILS

DRWING NO.	A9500510
DATE	9-11-95
CHKD BY	ENG. RWT
ENG. RWT	DE TONER/DE LEBER, PA 1502
THICK SUPPLY V/ FLOW CIR.	

AUTO-FLOW



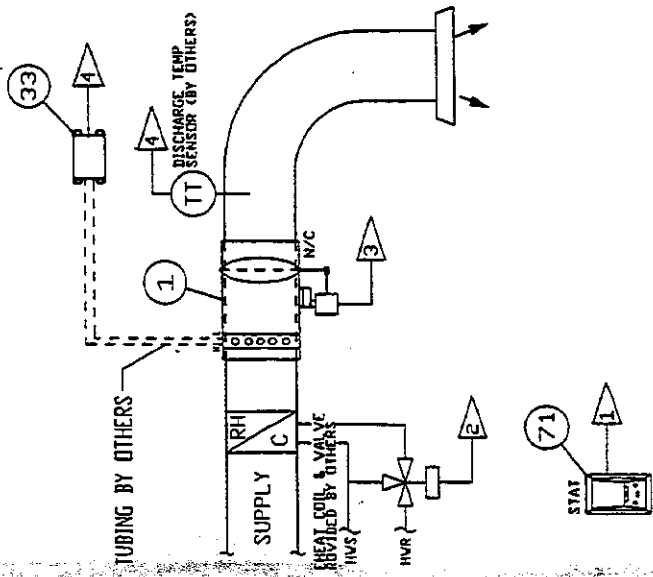
NOTE:
THE FOLLOWING LEGEND IS FOR ALL WIRING
NOT TERMINATED BY PRE MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS.
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION.

- WIRING LEGEND**
- 1. STAT (2) 20 GA TWISTED SHIELDED PAIRS
IN OVERALL CABLE
 - 2. REHEAT VALVES (2) 20 GA TWISTED SHIELDED PAIRS
IN OVERALL CABLE
 - 3. ACTUATORS (2) 3-CONDUCTOR 18 GA TWISTED SHIELDED
PAIRS IN OVERALL CABLE
 - 4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER
WIRING (1) 20 GA TWISTED SHIELDED PAIR
IN OVERALL CABLE

ALL WIRING TERMINATED TO LCx SERIES CONTROL PANEL.
FOR SPECIFIC INFORMATION CONSULT A9500518 OR A950019.

LABORATORY
DETAILS

DESIGN LIP	AUTO-FLY
ENGR. BY	W. J. HARRIS
CHG. BY	W. J. HARRIS
DATE: 11-17-78	PROJECT: SUPPLY VZ PRESSURE & TEMPERATURE CONTROL
SHEET	0
DRAWING NO.	A9500511

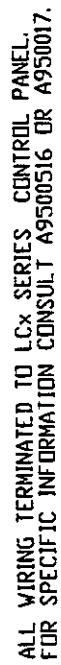


NOTE:
THE FOLLOWING LEGEND IS FOR ALL WIRING
NOT TERMINATED BY PRE MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS.
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION.

- WIRING LEGEND**
- 1. STAT (2) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
 - 2. THERMISTOR (2) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
 - 3. ACTUATORS (2) 3-CONDUCTOR 18 GA. TWISTED SHIELDED
PAIRS IN OVERALL CABLE.
 - 4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER
WIRING (2) 20 GA. TWISTED SHIELDED PAIR
IN OVERALL CABLE.

ALL WIRING TERMINATED TO LCx SERIES CONTROL PANEL.
FOR SPECIFIC INFORMATION CONSULT A9500518 OR A950019.

LABORATORY DETAILS		DRAWING NO. A9500512	
ENGINEER	DATE	DESIGNED BY	DATE
CHKD BY	DATE	CHKD BY	DATE
DATE	DATE	DATE	DATE
SHEET		SHEET	



WIRING LEGEND

1. STAT (3) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
2. REPEAT VALVES (2) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
3. ACTUATORS (2) 3-CONDUCTOR 18 GA. TWISTED SHIELDED
PAIRS IN OVERALL CABLE.
4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER
WIRING (1) 20 GA. TWISTED SHIELDED PAIR
IN OVERALL CABLE.

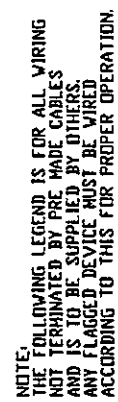
LABORATORY DETAILS	DRAWING LIP	AUTO-CFLOW 100 LBS. CAP. 100 PSI SINGLE SUPPLY V/ PNEUMATIC CTR. A TEMPERATURE RESET DRAWING NO. A9500513
	ENGINEER	
	CHECKED BY	
	DATE	
	SHEET	



NOTE:
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NOT TERMINATED BY PRE MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS.
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION.

1. STAT (3) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
2. REPEAT VALVES (2) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
3. ACTUATORS (2) 3-CONDUCTOR 18 GA. TWISTED SHIELDED
PAIRS IN OVERALL CABLE.
4. ALL COMMUNICATIONS, THERMISTORS & TRANSMITTER
WIRING (1) 20 GA. TWISTED SHIELDED PAIR
IN OVERALL CABLE.

LABORATORY DETAILS	DRAMA 119	AUTO-FLD	DRIVING NO. A9500514
	CINER. RVC	DE. TONING CO. OF TORONTO, PA. 1932	
	CINER. RVC	SINGLE SUPPLY W/ FLDV CTR.	
	DATE: 9-13-95	6 TEMPERATURE RES. 1	
	SHEET		

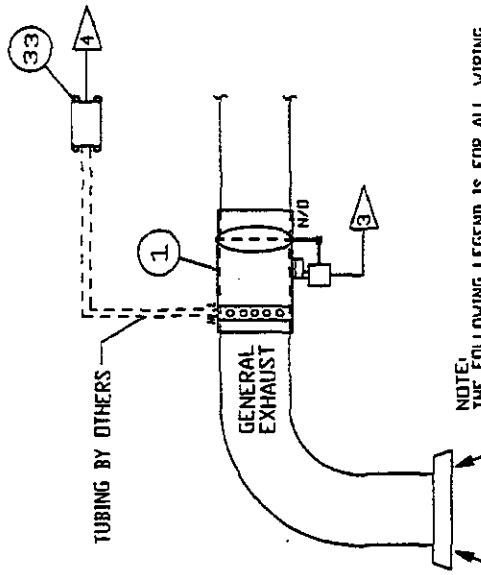


WIRING LEGEND

1. STAT (3) 20 GA. TWISTED SHIELDED PAIRS IN OVERALL CABLE.
2. REHEAT VALVES (2) 20 GA. TWISTED SHIELDED PAIRS IN OVERALL CABLE.
3. ACTUATORS (2) 3-CONDUCTOR 10 GA. TWISTED SHIELDED PAIRS IN OVERALL CABLE.
4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER WIRING (1) 20 GA. TWISTED SHIELDED PAIR IN OVERALL CABLE.

ALL WIRING TERMINATED TO LCx SERIES CONTROL PANEL.
FOR SPECIFIC INFORMATION CONSULT A9500518 OR A950019.

LABORATORY DETAILS	DRAWING LIP	AUTO-FLUX 1801 NORTH 4TH ST. EPHRATA, PA 17322 SHOELE CHINAUST
	ENGINE RVT	
	CHECK RVT	
	DATE: 9-17-95	
	SHEET	
	DRAWING NO.	A9500515



NOTE:
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NOT TERMINATED BY PRE MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS.
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION.

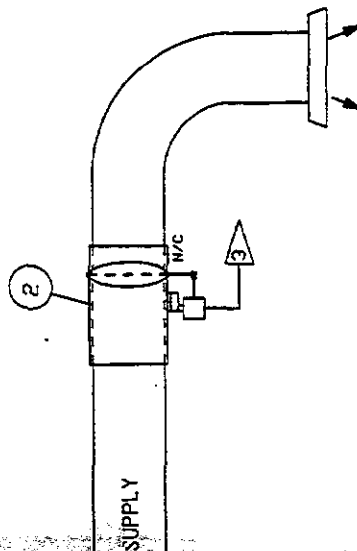
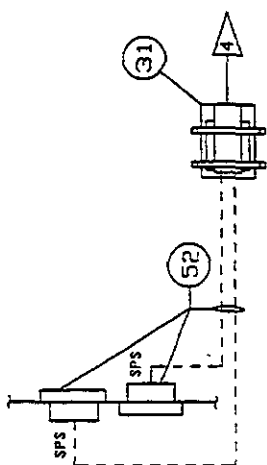
WIRING LEGEND

1. STAT (3) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
2. REHEAT VALVES (2) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
3. ACTUATORS (3) 20 GA. TWISTED SHIELDED
PAIRS IN OVERALL CABLE.
4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER
WIRING (3) 20 GA. TWISTED SHIELDED PAIR
IN OVERALL CABLE.



ALL WIRING TERMINATED TO LCx SERIES CONTROL PANEL.
FOR SPECIFIC INFORMATION CONSULT A9500518 OR A950019.

DRAWN BY 841040007		ENGINEER BY 841040007		CHECKED BY 841040007		DATE 9-11-79		SHEET 1		DRAWING NO. A9500516	
LABORATORY DETAILS						AUTO-FLY 841040007 SINGLE CHANNEL W/ FLOW TRACKING					



NOTE:
THE FOLLOWING LEGEND IS FOR ALL WIRING
NOT TERMINATED BY PRE MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION.

WIRING LEGEND

1. STAT (3) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
2. REMAINING (2) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
3. ACTUATORS (2) 3-CONDUCTOR 18 GA. TWISTED SHIELDED
PAIRS IN OVERALL CABLE.
4. ALL COMMUNICATIONS, THERMISTOR & TRANSMITTER
WIRING (1) 20 GA. TWISTED SHIELDED PAIR
IN OVERALL CABLE.

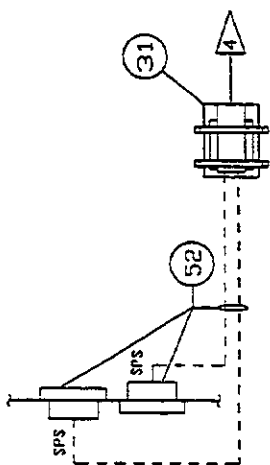


LABORATORY
DETAILS

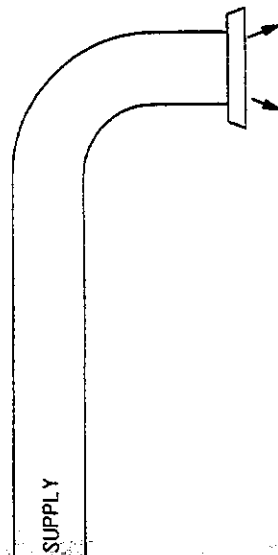
DRAWN LIP
CHECKED RWF
DATE: 8-13-75
SHEET

AVIO-ELBY
BY 10406707
SINGLE SUPPLY W/ PRESSURE CIP.

DRAWING NO. A9500520



SUPPLY



NOTE:
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NOT TERMINATED BY PRE MADE CABLES
AND IS TO BE SUPPLIED BY OTHERS.
ANY FLAGGED DEVICE MUST BE WIRED
ACCORDING TO THIS FOR PROPER OPERATION.

WIRING LEGEND

1. STAT (2) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
2. REHEAT VALVES (2) 20 GA. TWISTED SHIELDED PAIRS
IN OVERALL CABLE.
3. ACTUATORS (2) 3-CONDUCTOR 18 GA. TWISTED SHIELDED
PAIRS IN OVERALL CABLE.
4. VALVE (2) 20 GA. TWISTED SHIELDED PAIR
IN OVERALL CABLE.

4

LABORATORY DETAILS		AUTO-CLON		DRAWING NO. A9500521	
DRAWN LIP	ENGR. RVT	ENGR. RVT	ENGR. RVT	ENGR. RVT	ENGR. RVT
CHECKED	CHECKED	CHECKED	CHECKED	CHECKED	CHECKED
DATE: 11/1/73	DATE: 11/1/73	DATE: 11/1/73	DATE: 11/1/73	DATE: 11/1/73	DATE: 11/1/73
THEC	THEC	THEC	THEC	THEC	THEC