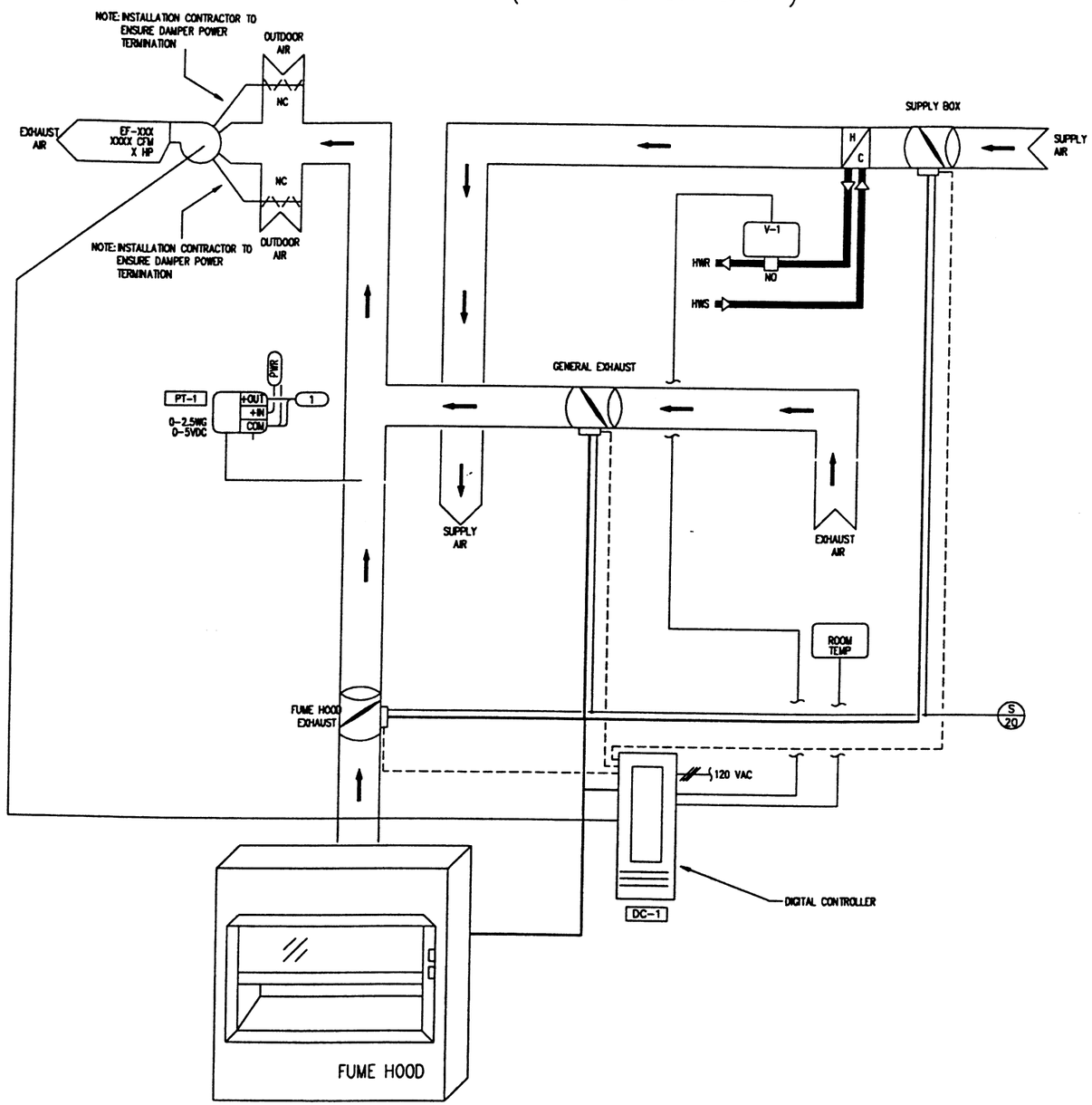
FLOW DIAGRAM FOR FUME HOOD CONTROLLER
(TYPICAL FOR EIGHT)



FIELD MATERIAL

DEVICE TAG	QTY	CODE NUMBER	DESCRIPTION
DC-1	8	AS-UNT111-0	UNITARY CONTRLLR,6 ISO DO

PANEL MATERIAL

DEVICE TAG	QTY	CODE NUMBER	DESCRIPTION
PT-1	8	DPT-2640-5	DIFF PRESS TRANS;0/2.5"WC

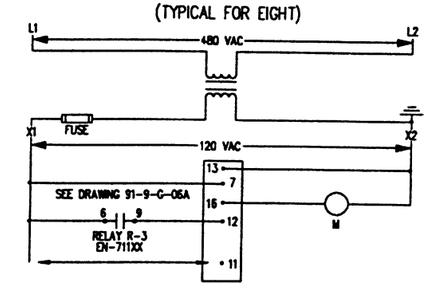
RECEIVED
OCT 07 1994
PERINI BLDG. CO., INC.
JOB #228-

SEQUENCE OF OPERATION

DIGITAL CONTROLLER, DC-1 WILL MODULATE HEATING VALVE, V-1 TO MAINTAIN SPACE TEMPERATURE OF 72 F.(ADJ.)
THE ICS WILL MONITOR A FUME HOOD GENERAL ALARM.
DIGITAL CONTROLLER, DC-1 WILL MODULATE EXHAUST FAN CAPACITY TO MAINTAIN A DUCT STATIC PRESSURE OF -1.0 IN WG(ADJ.)

Fume Hood wiring By others.

EXHAUST FAN MOTOR CONTROL STARTER CIRCUIT
(TYPICAL FOR EIGHT)



LEADER LINE INDICATES POSSIBLE FUTURE CONECTION FOR SAFETY CONTACTS.

COPYRIGHT JOHNSON CONTROLS, INC.1993

DRAWING TITLE
FUME HOOD FLOW DIAGRAM

NO.	REVISION-LOCATION	ECN	DATE	BY
2	GENERAL		10/06/94	SF
1	GENERAL		08/27/94	SF

REFERENCE DRAWING			
SALES ENGR	PROJECT MGR	APPL. ENGR	DRAWN
JP	SF	DCS	BY DCS DATE 01/05/94

APPROVED BY DATE

FILE: CLO_FUME
DCODE: 19940118.1420

PROJECT
The Argonne National Labs
Advanced Photon Source Campus
9700 Cass Avenue South
Argonne, IL 60439

JOHNSON CONTROLS
Systems & Services Division

3007 MALMO ROAD
ARLINGTON HEIGHTS
ILLINOIS 60005
708/364-1500 Main
708/808-4438 Eng

CONTRACT NUMBER
91390-0009

DRAWING NUMBER
91-9-G-07A