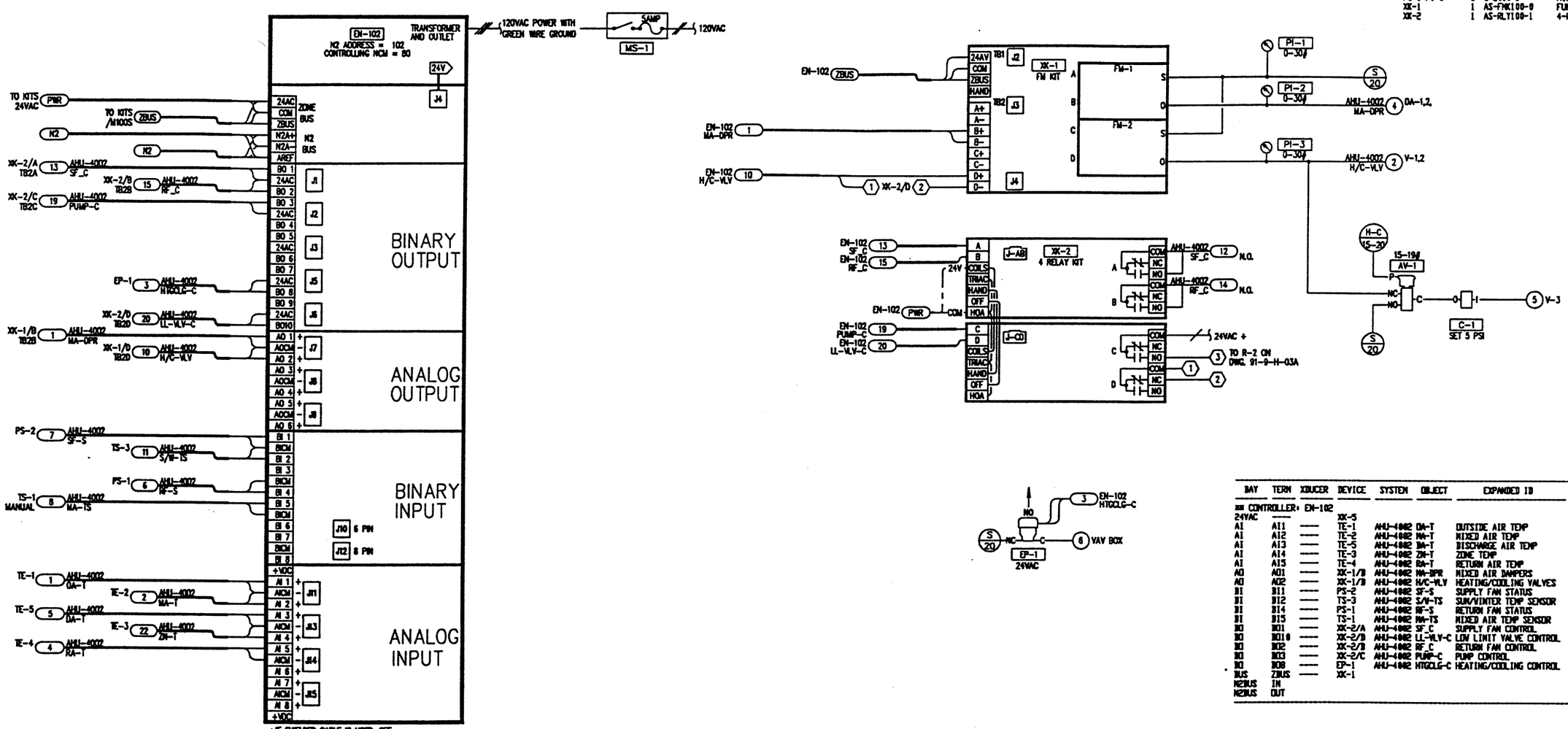
ENCLOSURE EN-80102, DIGITAL ASC FOR AHU-4002

PANEL MATERIAL

DEVICE TAG	QTY	CODE NUMBER	DESCRIPTION
AV-1	1	V-6135-3	AIR VALVE, 3-WAY
C-1	1	C-9200-1	CUMULATOR, PROP SEQ
EN-102	1	AS-AHU101-0	AIR HANDLING UNIT ENC/TER
	1	AS-AHU102-0	AIR HANDLING UNIT LOGIC B
	1	AS-XFR100-1	TRANSFORMER KIT;120/240
	1	AS-ZTU100-0	ZONE TERMINAL
EP-1	1	V-2410-1	VALVE, SOL. AIR, 3-WAY
FM-1-FM-2	2	FM-DAP102-0	DAP MANUAL MODULE
	2	FM-DAP103-0	E/P OUT FM FOR ASC
MS-1	1	PB-112-22	BUSS SSU FUSE HOLDER/
	1	PB-112-23	FUSE T-5 (5AMP) FOR
PI-1-PI-3	3	G-2018-5	AIR GAGE 1-1/2"
XX-1	1	AS-FMK100-0	FUNCTION MOD KIT-4 SLOTS
XX-2	1	AS-RLY100-1	4-RELAY W/ENCLOSURE



BAY	TERM	XDUCER	DEVICE	SYSTEM	OBJECT	EXPANDED ID	REFERENCE DETAIL
*** CONTROLLER:		EN-102					
24VAC	——		XX-5				A-ENC-RLY
AI	AI1	——	TE-1	AHU-4002	OA-T	OUTSIDE AIR TEMP	A-RTD-2SHLD
AI	AI2	——	TE-2	AHU-4002	MA-T	MIXED AIR TEMP	A-RTD-2SHLD
AI	AI3	——	TE-5	AHU-4002	DA-T	DISCHARGE AIR TEMP	A-RTD-2SHLD
AI	AI4	——	TE-3	AHU-4002	ZN-T	ZONE TEMP	A-RTD-JACK-PHONE
AI	AI5	——	TE-4	AHU-4002	RA-T	RETURN AIR TEMP	A-RTD-2SHLD
AO	AO1	——	XX-1/B	AHU-4002	MA-DPR	MIXED AIR DAMPERS	A-FMK-AO-2SHLD
AO	AO2	——	XX-1/D	AHU-4002	H/C-VLV	HEATING/COOLING VALVES	A-FMK-AO-2SHLD
BI	BI1	——	PS-2	AHU-4002	SF-S	SUPPLY FAN STATUS	A-BIN-2SHLD-I
BI	BI2	——	TS-3	AHU-4002	S/W-TS	SUM/WINTER TEMP SENSOR	A-BIN-2SHLD-O
BI	BI4	——	PS-1	AHU-4002	RF-S	RETURN FAN STATUS	A-BIN-2SHLD-I
BI	BI5	——	TS-1	AHU-4002	MA-TS	MIXED AIR TEMP SENSOR	A-BIN-2SHLD-O
BO	BO1	——	XX-2/A	AHU-4002	SF_C	SUPPLY FAN CONTROL	A-RLY-NO-2SHLD
BO	BO10	——	XX-2/D	AHU-4002	LL-VLV-C	LOW LIMIT VALVE CONTROL	A-RLY-NO-2SHLD
BO	BO2	——	XX-2/B	AHU-4002	RF_C	RETURN FAN CONTROL	A-RLY-NO-2SHLD
BO	BO3	——	XX-2/C	AHU-4002	PUMP-C	PUMP CONTROL	A-RLY-NO-2SHLD
BO	BO8	——	EP-1	AHU-4002	HTGCLG-C	HEATING/COOLING CONTROL	A-BOUT-24V-2SHLD
BUS	ZBUS	——	XX-1				——
N2BUS	IN						A-N2-3TWIST-3TWIST
N2BUS	OUT						A-N2-3TWIST-3TWIST

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DRAWING TITLE
ENCLOSURE EN-80102
AHU

PROJECT
The Argonne National Labs
APS Users Residance Facility
9700 Cass Avenue South
Argonne, IL 60439

NO.	REVISION-LOCATION	ECN	DATE	BY
2	AS BUILT		07/08/96	SAC
1	GENERAL		08/11/95	SF

REFERENCE DRAWING			
SALES ENGR	PROJECT MGR	APPL. ENGR	
JS	SF	DCS	

DRAWN		APPROVED	
BY SF	DATE 04/28/95	BY	DATE

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