

- NOTES
- MATERIAL: UNITE PVC
 - SEE DRAWING 1429CD FOR FRAME CONSTRUCTION
 - SEE DRAWING 1429LE FOR REMOVABLE BENCH COVER AND SIDE SHIELD CONSTRUCTION
 - EXHAUST FLENUM 1/4" PVC MATERIAL

THIS DWG REPLACES 1429CD1

REYNOLDSTECH

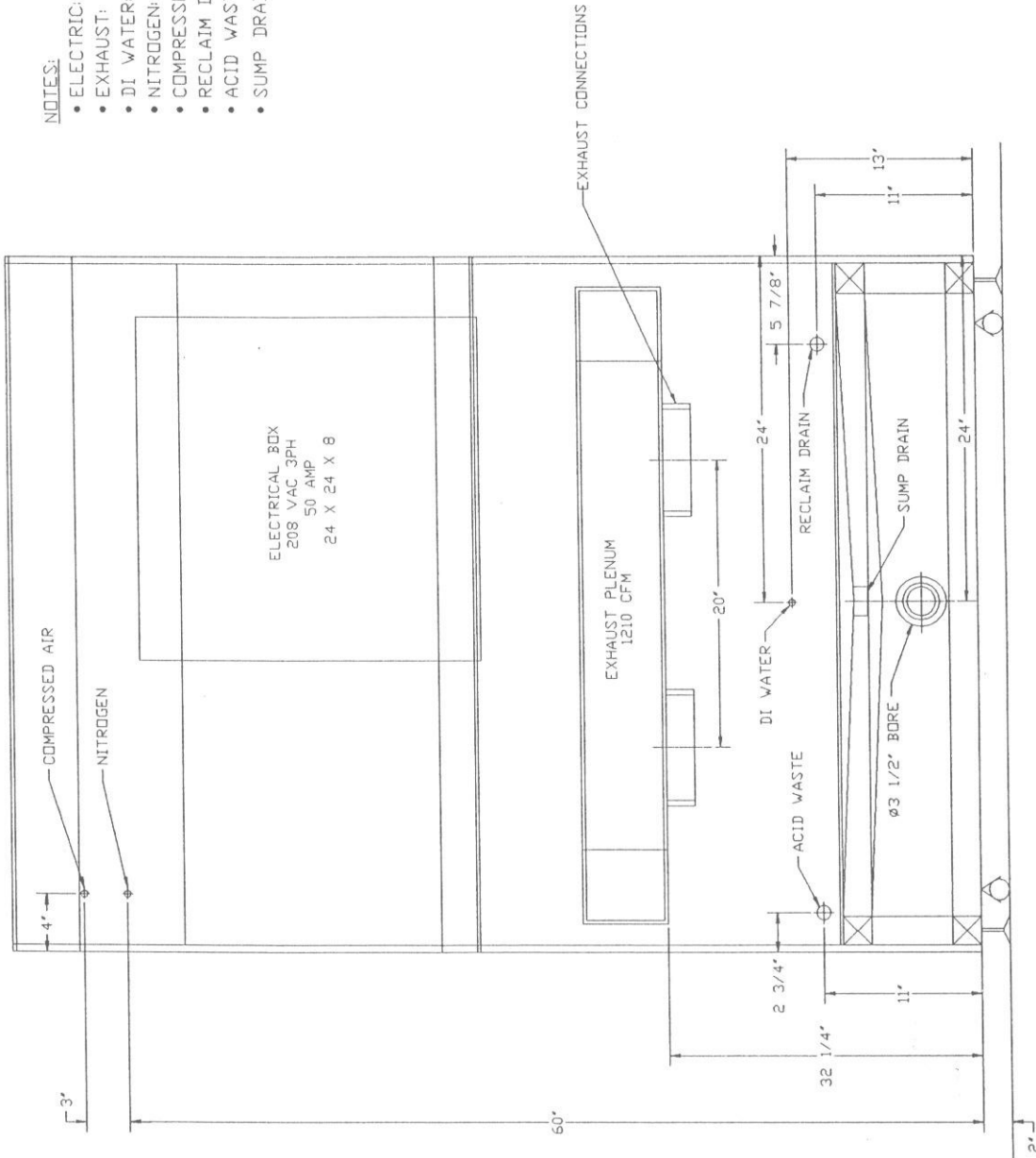
6895 KINNE STREET, EAST SYRACUSE, NEW YORK 13057

REYNOLDSTECH
SC-1/SC-2 UNIT
TOOL CONSTRUCTION

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REV NO	DESCRIPTION	DR BY	DATE	DATE	VAB	SCALE	NONE	SHEET	1 OF 2	DWG. NO.	REV
1	AS BUILT	VAB	6/22/95	6/22/95	VAB	NONE	NONE	1	1	1429TL12	1

REAR



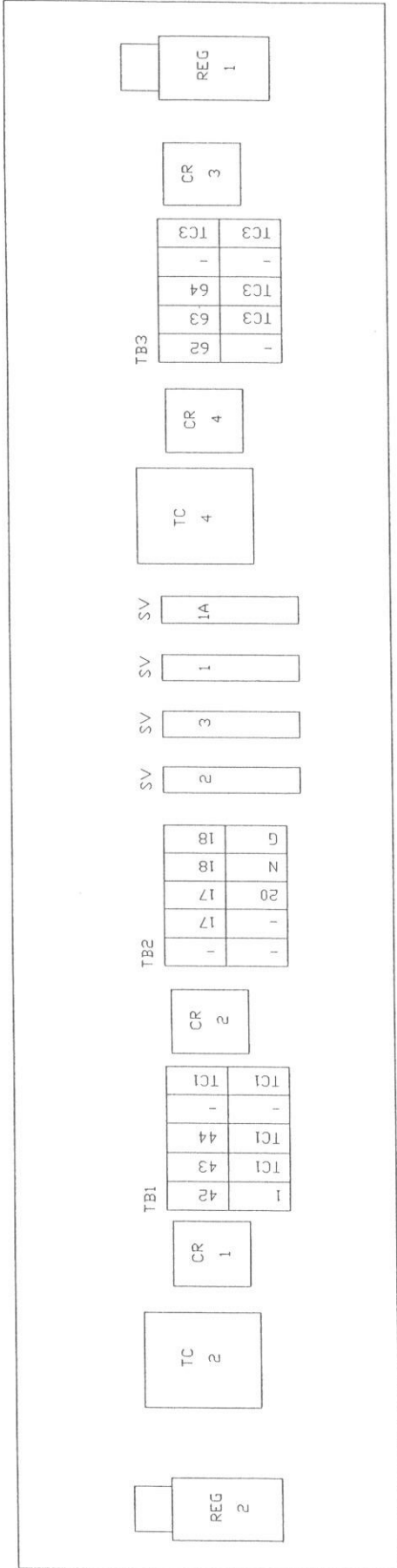
- NOTES:**
- ELECTRIC: 208 VAC 3 PH 50 AMPS
 - EXHAUST: (2) Ø8", 1210 CFM
 - DI WATER: 1/2" NPT
 - NITROGEN: 1/4" OD TUBE
 - COMPRESSED AIR: 1/4" OD TUBE
 - RECLAIM DRAIN: 1" NPT
 - ACID WASTE: 1" NPT
 - SUMP DRAIN: 2" FNPT

REYNOLDSTECH
 6895 KINNE STREET, EAST SYRACUSE, NEW YORK 13057

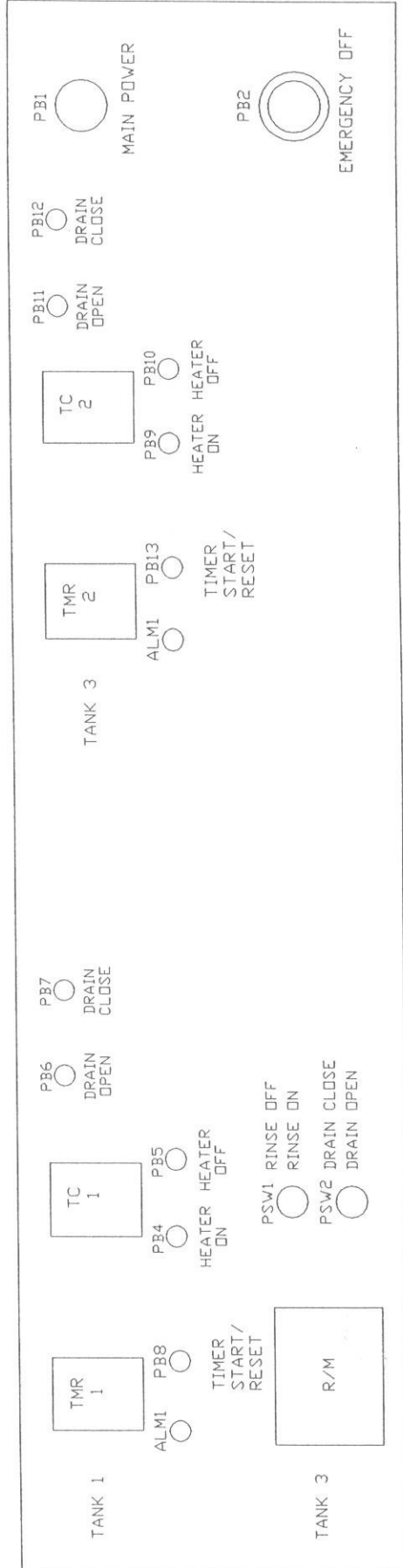
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REV NO	DESCRIPTION	DR. BY	DATE	GVA	DR. BY	DATE
1	AS BUILT	GVA	6/05/95			

REYNOLDSTECH			
SC-1/SC-2 UNIT			
FACILITY CONNECTIONS			
FWD	SCALE	NDME	SHEET
4/24/95		1429	1 OF 1
DATE	JOB NO.	REV	DWG. NO.
4/24/95	1429	1	1429TLFC11



HEADCASE INTERIOR LAYOUT



HEADCASE EXTERIOR CONTROL PANEL LAYOUT

REYNOLDSTECH

6895 KINNE STREET, EAST SYRACUSE, NEW YORK 13057

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REYNOLDSTECH
SC-1/SC-2 UNIT
CONTROL PANEL

REV NO	DESCRIPTION	DR BY	DATE	SCALE	NDNE	SHEET	JOB NO.	1 OF 1	DWG. NO.	REV
1	AS BUILT	GVA	5/23/95	FWD	NDNE	1	1429	1	I429CP12	1

BILL OF MATERIAL

COMPANY: AT1:46 PM MURRAY HILL
JOB NUMBER: 1429
DATE: 5/26/95

FILE# 1429BOM

DWG REF	GEN NAME	DESCRIPTION	MFG	PART NO.	QTY	SPR	VENDOR	PHONE #
MCB	BREAKER	50 AMP MAIN CIRCUIT BREAKER	SQ-D	GOU350	1		FLUOR LITE	315-476-2181
CB1,2	BREAKER	20 AMP GFI CIRCUIT BREAKER	SQ-D	QO220GFI	2		FLUOR LITE	315-476-2181
FB1-7	FUSE HOLDER	FUSE HOLDER	GOULD	USM1	7		JONNEL	315-637-6968
FU1	FUSE	1 AMP FUSE	LITTELFUSE	FLM 1A	1		JONNEL	315-637-6968
FU2	FUSE	4 AMP FUSE	GOULD	TRM4-1/2	1		JONNEL	315-637-6968
FU3	FUSE	2 AMP FUSE	LITTELFUSE	FLM 2A	1		JONNEL	315-637-6968
FU4-7	FUSE	20 AMP FUSE	LITTELFUSE	KLK 20A	4		JONNEL	315-637-6968
CT1	TRANSFORMER	120VAC-24VAC CONTROL TRANSFORMER	HAMMOND	MH100JG	1		JONNEL	315-637-6968
RM1	MONITOR	RESISTIVITY MONITOR	THORTON	W740-A01	1		THORTON	617-890-3399
N/A	PROBE	RESISTIVITY PROBE	THORTON	W298-200	1		THORTON	617-890-3399
TC1,3	CONTROLLER	TEMP CONTROLLER	WATLOW	965A-3FD0-00RG	2		MCPEAK	315-453-0500
RTD	PROBE	8" TEMP PROBE	ACI	RIT185L38083T-00-(TT128)-3120-1	2		ACI	315-452-1171
TC2,4	CONTROLLER	TEMP CONTROLLER OVERTEMP	WATLOW	92A3-IDJ2-0000	2		MCPEAK	315-453-0500
TM1,2	CONTROLLER	TIMER	EAGLE	LX260 P9	2		LIBERTY ELEC	315-437-8100
TM1,2	BASE	8 PIN TIMER BASE	OMRON	P3G-08	2		LIBERTY ELEC	315-437-8100
ALM1,2	ALARM	ALARM	MALLORY	SC628A	2		NEWARK	315-457-4873
PB1,5,11	PUSH BUTTON	WHITE /LIT /OPERATOR	TELEMECANIQUE	ZB2 BW31	3		AUBURN ARM	315-253-9721
PB1,5,11	PUSH BUTTON	24VAC MOUNTING BASE	TELEMECANIQUE	ZB2 BW06	3		AUBURN ARM	315-253-9721
PB1,5,11	CONTACT	N/O CONTACT 24VAC	TELEMECANIQUE	ZB2 BE101	3		AUBURN ARM	315-253-9721
PB1,5,11	LAMP	24VAC REPLACEMENT LAMP	TELEMECANIQUE	DL1 CE024	3		AUBURN ARM	315-253-9721
PB4,9	PUSH BUTTON	RED /LIT /OPERATOR	TELEMECANIQUE	ZB2 BW34	2		AUBURN ARM	315-253-9721
PB4,9	PUSH BUTTON	24VAC MOUNTING BASE	TELEMECANIQUE	ZB2 BW06	2		AUBURN ARM	315-253-9721
PB4,9	CONTACT	N/O CONTACT 24VAC	TELEMECANIQUE	ZB2 BE101	2		AUBURN ARM	315-253-9721
PB4,9	LAMP	24VAC REPLACEMENT LAMP	TELEMECANIQUE	DL1 CE024	2		AUBURN ARM	315-253-9721
PB2,3	PUSH BUTTON	RED /MUSHROOM HD /OPERATOR	TELEMECANIQUE	ZB2 BW64	2		AUBURN ARM	315-253-9721
PB2,3	CONTACT	N/C CONTACT 24VAC	TELEMECANIQUE	ZB2 BE102	2		AUBURN ARM	315-253-9721
PB5,7,10,12	PUSH BUTTON	BLACK /FLUSH /OPERATOR	TELEMECANIQUE	ZB2 BA2	4		AUBURN ARM	315-253-9721
PB5,7,10,12	CONTACT	N/C CONTACT 24VAC	TELEMECANIQUE	ZB2 BE102	4		AUBURN ARM	315-253-9721
PB8,13	PUSH BUTTON	GREEN /FLUSH /OPERATOR	TELEMECANIQUE	ZB2 BA3	2		AUBURN ARM	315-253-9721
PB8,13	CONTACT	N/O CONTACT 24VAC	TELEMECANIQUE	ZB2 BE101	2		AUBURN ARM	315-253-9721
PB8,13	PUSH MECH.	PUSH ON/PUSH OFF	TELEMECANIQUE	ZB2 BZ21	2		AUBURN ARM	315-253-9721
PSW1,2	SELECTOR SWITCH	2 POSITION /MAIN /BLACK /OPERATOR	TELEMECANIQUE	ZB2 BD2	2		AUBURN ARM	315-253-9721
PSW1,2	CONTACT	N/O PNEU CONTACT	TELEMECANIQUE	PXB B1911	2		AUBURN ARM	315-253-9721
C1	CONTACTOR	MAIN CONTACTOR	ABB	B25C-1	1		HI TECH	315-478-3189
C2,3	CONTACTOR	HEATER CONTACTOR	ABB	B9C-F	2		JONNEL	315-637-6968
SCR1,2	RELAY	SOLID STATE RELAY	WATLOW	DB3V-1524-F000	2		JONNEL	315-637-6968
CR1-4	RELAY	24VAC CONTROL RELAY	IDEC	RH2B-UL	4		MCPEAK	315-453-0500

COMPANY: AT1:46 PM MURRAY HILL
 JOB NUMBER: 1429
 DATE: 5/26/95

BILL OF MATERIAL

2

REYNOLDSTECH
 SC1/SC2
 UNIT

FILE#: 1429BOM

DWG REF	GEN NAME	DESCRIPTION	MFG	PART NO.	QTY	SPR	VENDOR	PHONE #
CR1-4	BASE	RELAY BASE	IDEC	SH2B-05	4		JONNEL	315-637-6968
FLS1-4	SWITCH	N/O FLOAT SWITCH M#50-TT	KIP	0111-024	4		NORTHEAST	914-835-3667
SV1,2,3	VALVE	SOLENOID	TELEMECANIQUE	PS1-E2302B	3		AUBURN ARM	315-253-9721
SV1,2,3	LED	LED	TELEMECANIQUE	PS1-E1620B	3		AUBURN ARM	315-253-9721
SV1,2,3	MODULE	E/P MODULE	TELEMECANIQUE	PS1-E111	3		AUBURN ARM	315-253-9721
SV1,1A,2,3	BLOCK	HEAD & TAIL SET	TELEMECANIQUE	PS1-E1017	1		AUBURN ARM	315-253-9721
SV1A	VALVE	SOLENOID	TELEMECANIQUE	PS1-E2302B	1		AUBURN ARM	315-253-9721
SV1A	LED	LED	TELEMECANIQUE	PS1-E1620B	1		AUBURN ARM	315-253-9721
SV1A	MODULE	E/P MODULE	TELEMECANIQUE	PS1-E111	1		AUBURN ARM	315-253-9721
HTR1,2	HEATER	3.5KW/208VAC/1POLE HEATER TEFLON COATED	ICD	653121J	2		ICD	818-957-2442
AOV4,6	VALVE	3/4 BALL VALVE	M&T	MBV075VT-PV	2		M&T	315-432-0550
AOV4,6	ACTUATOR	AIR/AIR RETURN ACTUATOR	M&T	ABVA1.6	2		M&T	315-432-0550
AOV1,2,3,5	VALVE	1/2" N/C AIR OPERATED VALVE	FLUOROWARE	202-57	4		BURNS CASCADE	716-292-4800
NV1	VALVE	3/8" NEEDLE VAVLE DI SPRAY	PLASTIWARE	NV-375NPT-180-PP-PPV/NAT	1		PLASTIWARE	800-748-5868
SG1	SPRAY GUN	DI SPRAY GUN	FLUOROWARE	321-32-21	1		BURNS CASCADE	716-292-4800
SG2	SPRAY GUN	N2 SPRAY GUN	FLUOROWARE	321-42-31	1		BURNS CASCADE	716-292-4800
REG1	REGULATOR	REGULATOR/N2	WILKERSON	R05-02-000	1		RALPH EARL	315-454-4431
REG2	REGULATOR	REGULATOR/COMPRESSED AIR	WILKERSON	R00-02-000	1		RALPH EARL	315-454-4431
N/A	ENCLOSURE	ELECTRICAL ENCLOSURE	HAMMOND	1418JJ9	1		JONNEL	315-637-6968
MCR	RELAY	CONTACT RELAY	IDEC	RH2B-U	1		MCPEAK	315-453-0500
DS1	SWITCH	DOOR SWITCH	MICROSWITCH	23AC1	2		MICROSWITCH	716-424-2700