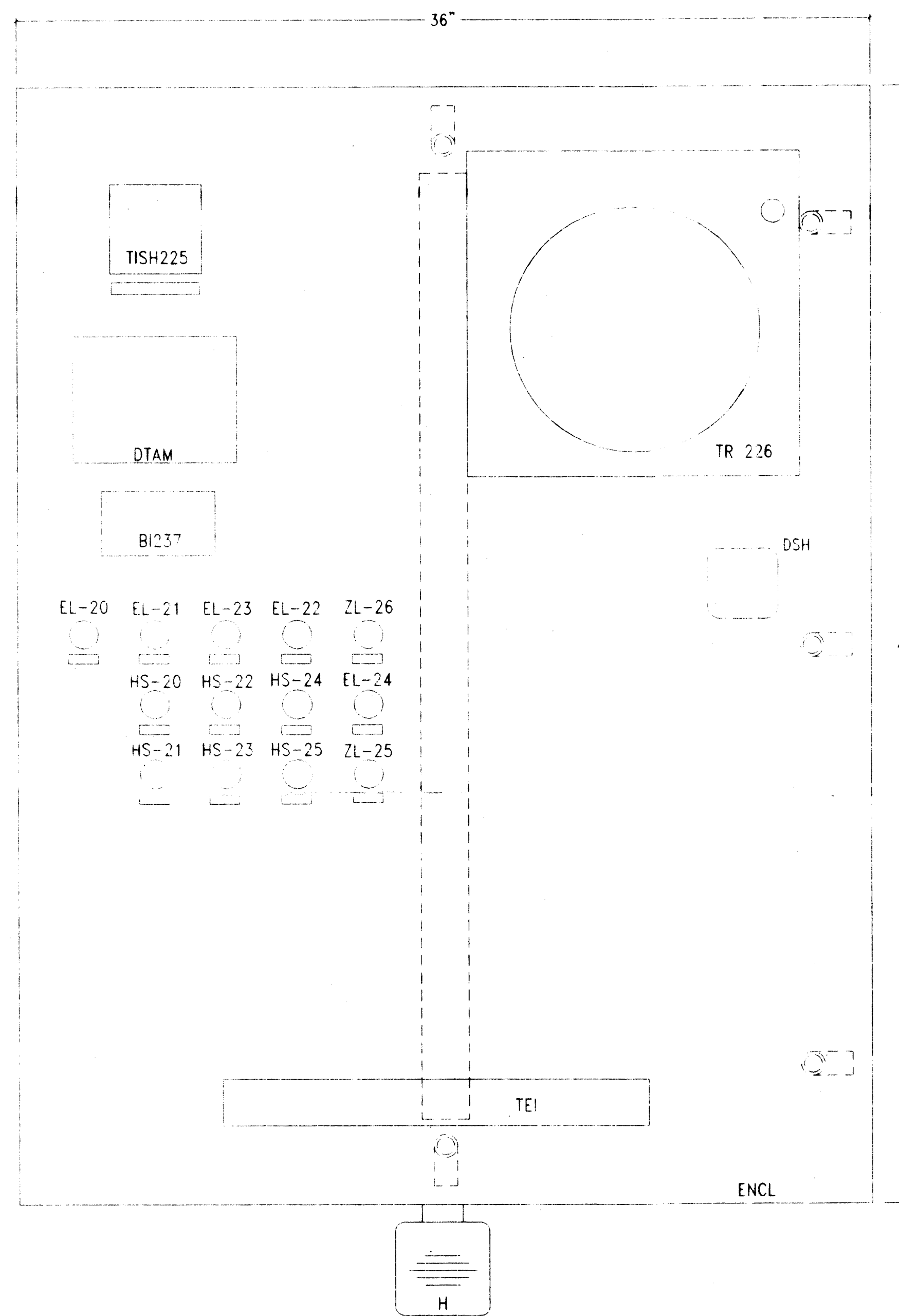
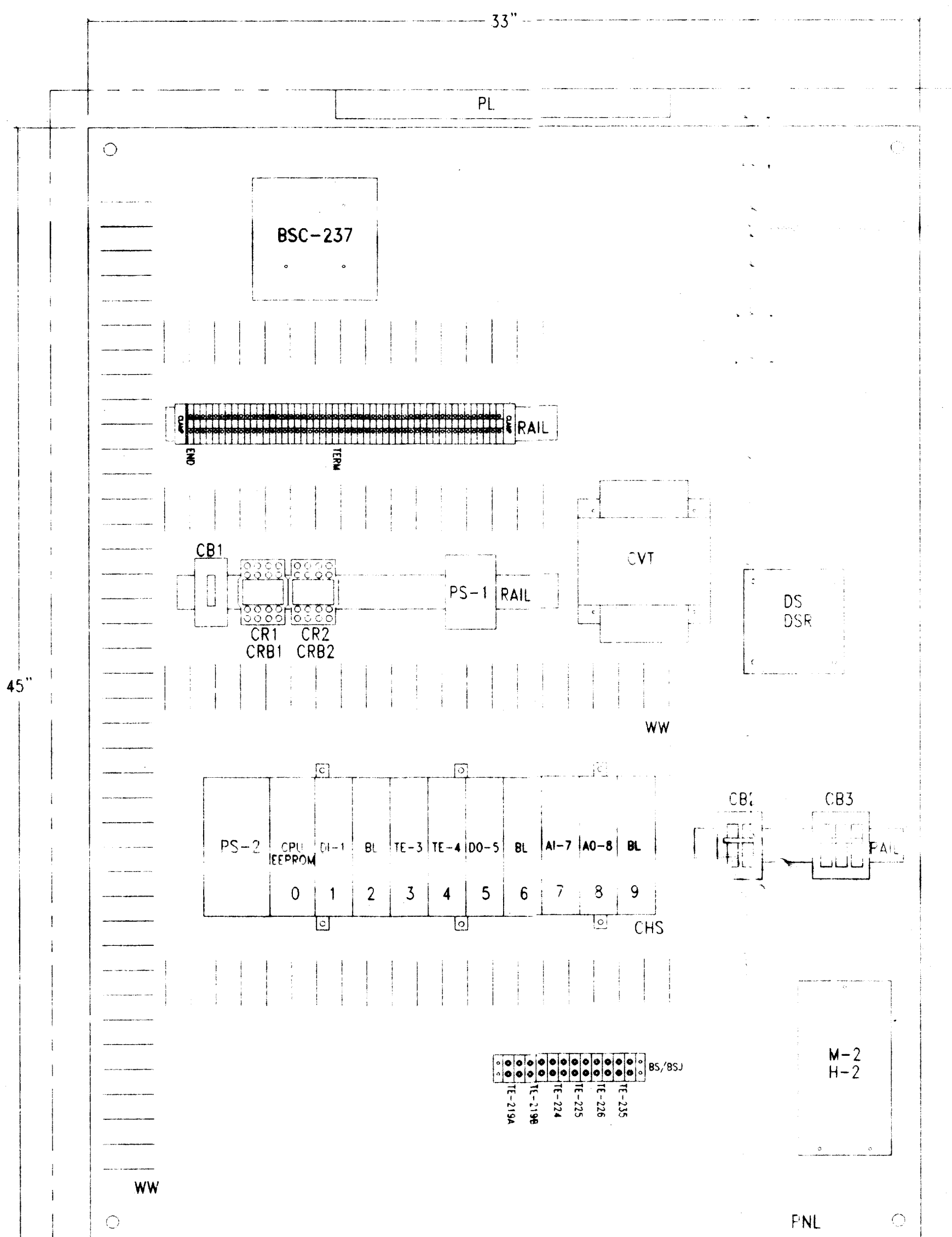




MAIN CONTROL PANEL MK-1



VIEW 'A-A'

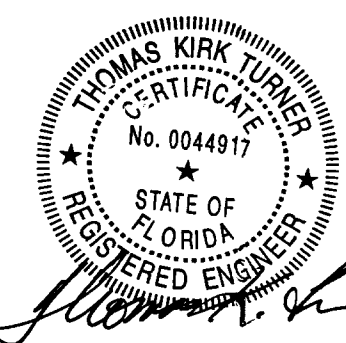
ITEM	NAMEPLATE
EL-20	EL-A "POWER ON"
EL-21	EL-G "FAN ON"
EL-22	EL-G "BLOWER ON"
EL-23	EL-G "OXIDIZER ON"
EL-24	EL-R "FLAME FAILURE"
ZL-25	ZL-A "RECOVERY #1"
ZL-26	ZL-A "RECOVERY #2"
HS-20	HS-START "FAN START"
HS-21	HS-STOP "FAN STOP"
HS-22	HS-STOP "OXIDIZER START"
HS-23	HS-START "OXIDIZER STOP"
HS-24	HS-START "ALARM SILENCE"
HS-25	HS-START "BURNER RESET"

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"HI TEMPERATURE LIMIT"
EnviroLogic

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER PN#	DESCRIPTION
ENCL1	1	ELECTROMATE #E48L3612	ENCLOSURE, 48"H X 36"W X 12"D NEMA 4X
PNL1	1	ELECTROMATE, #E48P36	PANEL
CB-1	1	GE, V37116	BREAKER, 16 AMP 1 POLE DIN RAIL MOUNT
CB-2	1	GE, V37204	BREAKER, 4 AMP 2 POLE DIN RAIL MOUNT
CB-3	1	GE, V37304	BREAKER, 4 AMP 3 POLE DIN RAIL MOUNT
CR1-2	2	IDEC, RH4BUAC120V	RELAY, 4PDT MIDGET POWER 10 AMP
CRB1-2	2	IDEC, SH4B05	RELAY BASE
EL-G	3	GE #CR104P-LG22G	PILOT LIGHT, GREEN
EL-A,ZL-A	3	GE #CR104P-LG22M	PILOT LIGHT, AMBER
EL-R	1	GE #CR104P-LG22R	PILOT LIGHT, RED
HS-STOP	2	GE #CR104P-BC91R1	PUSHBUTTON MOMENTARY RED
HS-START	4	GE #CR104P-BC91B1	PUSHBUTTON MOMENTARY BLACK
M-2	1	GE #CR306A-002	STARTER, SIZE 00 OPEN TYPE 120V COIL
H-2	3	GE #CR123C379A	HEATERS, 3.7 F.L.A.
CVT	1	GE #9T58K0053	CONTROL TRANSFORMER, 1.5 KVA 480V IN 120V OUT
DS	1	SPRECHER+SCHUH, L10-NN-30P3	DISCONNECT SWITCH NON-FUSED, 30 AMP 3 POLE
DSH	1	SPRECHER+SCHUH, L10-HS4E	OPERATING HANDLE W/DEFEATER, NEMA 4/4X
DSR	1	SPRECHER+SCHUH, L10-R2	DISCONNECT ROD
RAIL	36"	AB	DIN RAIL
TERM	50	SPRECHER+SCHUH, VU4-4	TERMINALS
END	1	SPRECHER+SCHUH, VA4-2.5/4	END
CLAMP	2	SPRECHER+SCHUH, 19.1116.221-01	CLAMP
TR	1	HONEYWELL, DR4301-0000-G0-100	CHART RECORDER, 1 PEN
CHARTS	1	HONEYWELL, 24001661-015	CHARTS 0-2400 "F, K, 7 DAY, 100/10", 1 SIDE
TISH	1	HONEYWELL, DC200H-2-000-100000-0	HIGH TEMP. LIMIT CONTROLLER
BSC	1	HONEYWELL, Q7800A1005	BURNER CONTROL BASE
	1	HONEYWELL, RM7840L-1018	BURNER CONTROL RELAY
	1	HONEYWELL, R7849B-1021	BURNER CONTROL AMP
	1	HONEYWELL, 221818A	CABLE
	1	HONEYWELL, ST7800A1054	PURGE TIMER
BI	1	HONEYWELL, S7800A-1001	FLAME CONTROL KEY/PAID
CHS	1	A-B, 1746-A10	10 SLOT CHASSIS, MODULAR HARDWARE STYLE
PS-1	1	IDEC, PSR-AD0724E	POWER SUPPLY, 7 WATT 120V IN
PS-2	1	A-B, 1746-P2	POWER SUPPLY MODULE
CPU	1	A-B, 1747-L532	SLC5/03 PROCESSOR
DI-1	1	A-B, 1746-1A16	AC INPUT MODULE
TE-3,TE-4	2	A-B, 1746-NT4	THERMOCOUPLE INPUTS
DO-5	1	A-B, 1746-OA16	AC OUTPUT MODULE
AI-7	1	A-B, 1746-NI4	ANALOG INPUTS
AO-8	1	A-B, 1746-NO4I	ANALOG CURRENT OUTPUTS
BL	3	A-B, 1746-N2	BLANK COVER
DTAM	1	A-B, 2707-M485P3	MICRO DATA TABLE ACCESS MODULE
CABLE	1	A-B, 2707-NC1	INTERCONNECTING CABLE
EEPROM	1	A-B, 1747-M11	MEMORY DEVICE (FOR SLC 5/03 PROCESSOR)
H	1	EDWARDS #876-N5	HORN ALARM
WW	9 FT	PANDUIT	WIRE WAY, 2" X 2" W/COVER
BS	1	OMEGA, BS-12	THERMOCOUPLE TERMINAL STRIP
BSJ	1	OMEGA, BSJ-K	BARRIER JACKET, (PKG. OF 6)
PL	1	HOFFMAN, A-LTMB1	PANEL LIGHT W/120V RECEPTACLE



7-28-99	RSP	FIELD MOD
12-10-99	RSP	AS-BUILT
9-20-99	RSP	CORRECT TAZING V COMPONENTS
9-4-99	RSP	ADD PS 2
8-20-99	RSP	CORRECT SLCM
9-20-99	RSP	REWORK TA
DATE	BY	REVISION

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Turner EnviroLogic
PERMA-FIX ENVIRONMENTAL SERVICES
V.O.C. COLLECTION SYSTEM
CONTROL PANEL

DESIGNED BY RSP
DATE 7-15-99
APPROVED BY 2832
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