



ELECTRICAL PLAN
(5 BAY)
SCALE: 3/8"=1'-0"

POWER PANEL SCHEDULE

PANEL	CIRCUIT BREAKERS	EQUIPMENT SERVED	AMP	REMARKS
P-1	100	EMERGENCY DIST. PANEL	100	
P-2	100	WELDING RECEPTACLE	100	
P-3	100	TOILET & STOR. RM. RECEPT.	100	
P-4	20	BLDG. EXHAUST	20	
P-5	20	SHOP LIGHTING	20	
P-6	20	SHOP RECEPT. (FRY)	20	
P-7	20	SHOP RECEPTS (REAR)	20	
P-8	20	SHOP RECEPTS (FRY)	20	
P-9	20	SHOP RECEPTS (FRY)	20	
P-10	20	MID BAY RECEPT @ 15 FT.	20	
P-11	20	SHOP RECEPTS	20	
P-12	20	CIRCUIT PUMP (ZONE 2)	20	
P-13	20	OFFICE RECEPTACLES	20	
P-14	30	SPACES	30	
P-17	20	SPACES	20	
P-20	20	SPACES	20	

EMERGENCY DISTRIBUTION PANEL SCHEDULE

PANEL	CIRCUIT BREAKERS	EQUIPMENT SERVED	AMP	REMARKS
EDP-1	2	AIR COMPRESSOR	40	
EDP-2	1	BURNER	20	
EDP-3	2	WELL PUMP	20	
EDP-4	1	GAS PUMP	20	
EDP-5	1	OFFICE LIGHTING	20	
EDP-6	1	MEZZ. LIGHTING	20	
EDP-7	1	SHOP LIGHTING (MIDDLE BAY)	20	
EDP-8	1	BOILER ROOM RECEPTS	20	
EDP-9	2	VEHICULAR EXH. FAN	20	
EDP-10	1	SHOP LIGHTING (FRY)	20	
EDP-11	1	SHOP LIGHTING (FRY)	20	
EDP-12	1	SHOP LIGHTING (FRY)	20	
EDP-13	1	SHOP LIGHTING (FRY)	20	
EDP-14	1	OFFICE RECEPTACLES	20	
EDP-15	1	SPACES	20	

- GENERAL NOTES**
- SMITH-CAMPT "TECU" 30-TEC-2-40S (MOUNT ON BOTTOM OF JOISTS)
 - WESTINGHOUSE 1-TUBE RS STRIP 5 STIMOR (MOUNT BETWEEN JOISTS)
 - SMITH-CRAFT POKUNAIRE 6-DMA-2-40 (SURFACE MOUNT TO CEILING)
 - THERMOSTAT - CONNECT TO CIRCUIT 12 AMP TO SUB-PANEL CIRCUIT 4 MOUNT ON PLYWOOD 5'-6" OFF FLOOR (GREEN)
 - 100 AMP WELDER OUTLET
 - ALLOW FOR TELEPHONE SLEEVE THRU EXTERIOR WALL COORDINATE WITH LOCAL TELEPHONE CO.
 - ALL WALL OUTLETS OF OFFICE & ROOM SPACES SHALL BE AT LEAST 56" OFF FLOOR (IN BOILER RM. REPT. OUTLETS MIN 5'-0" ABOVE FL.)
 - See BURNER SAFETY SWITCH-MOUNT 6'-0" ABOVE FIRE FL.
 - ALL ELECTRICAL CONDUIT FOR OFFICE TOILET TOOL RM. AND GREASE RM. DELIVS. SHALL BE CONCEALED IN THE CONCRETE
 - ALL WALL RECEPTACLES AND CONDUIT BELOW BOTTOM OF BAR JOISTS SHALL BE CONCEALED.

DATE: 10-18-74
DESIGNED BY: CUS MASTRO
DRAWN BY: [Signature]
APPROVED BY: [Signature]

STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

Standard Five Bay Highway Garage Bldg.
ELECTRICAL PLAN

SCALE: As noted

DWG. NO. E-1

REVISIONS	DATE	REVISION
1	10-18-74	ISSUE FOR CONSTRUCTION