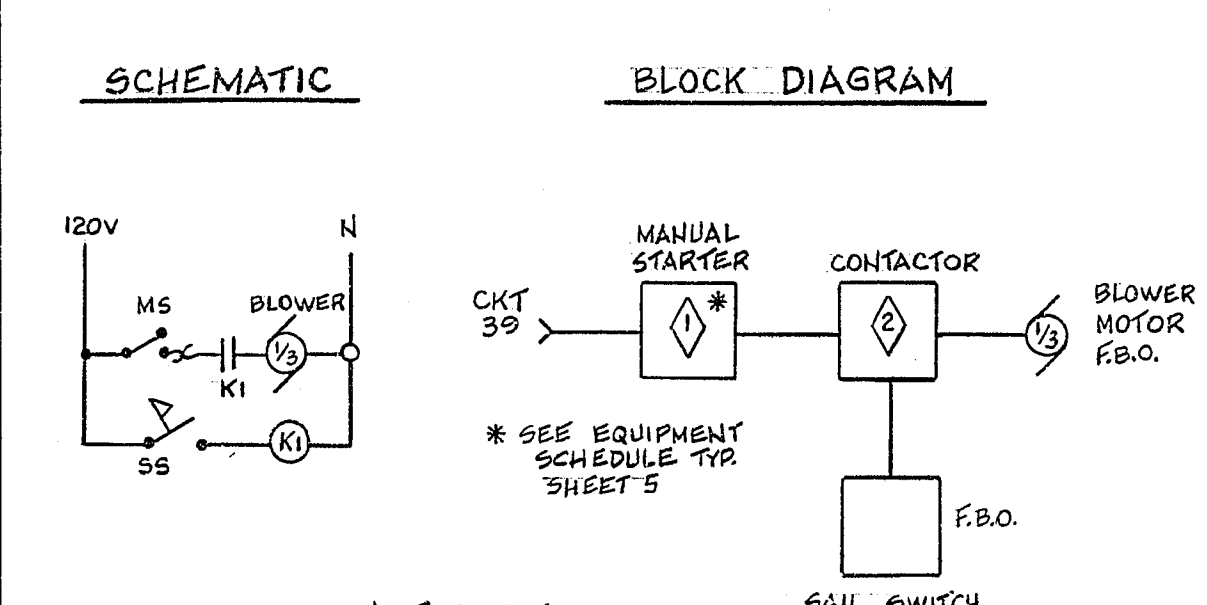


POWER PLAN
SCALE: 1/4" = 1'-0"

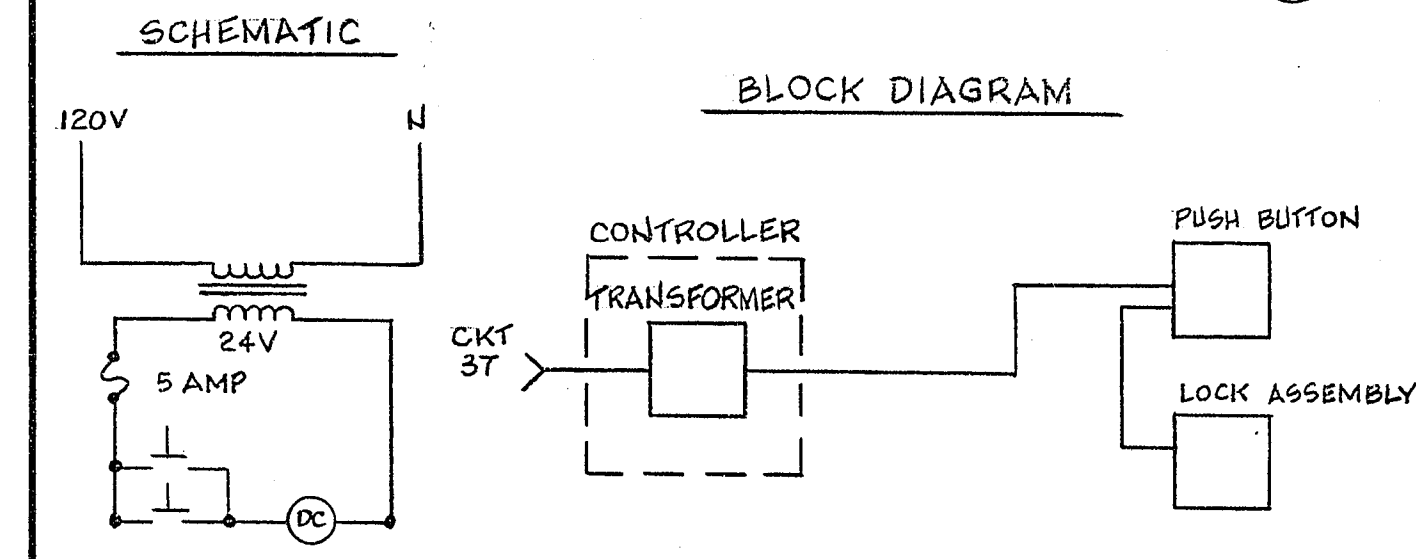
REMOVE AND SALVAGE EQUIPMENT AND DEVICES.
REMOVE WIRING AND SEAL ABANDONED CONDUITS.

EXHAUST BLOWER DETAIL (1/6)



- LEGEND**
- METER STARTER SWITCH
 - SAIL SWITCH (DUCT MOUNTED)
 - RELAY CONTACTS N.O. 120V 10AMPS CONT.
 - RELAY *

DOOR CONTROL DETAIL (2/6)



- LEGEND**
- SWITCH - S.P. N.O. MOMENTARY CONTACT 5 AMP 24 V AC
 - MINIATURE FUSE
 - DOOR SOLENOID
 - TRANSFORMER 120/24V 75 VA

PANEL		PP 2 B		VOLTS	120/208	PHASE	3	WIRES	4	BUS	225 A
LOCATION		MOUNTING SURFACE		MAIN NONE		FEEDER		1/0 AL			
COMMENTS											
No.	LOAD-WATTS	REMARKS	OUTLETS	BREAKER	PHASE	BREAKER	OUTLETS	REMARKS	LOAD-WATTS	No.	
	Ø A Ø B Ø C		LTG. REC. MISC.	AMPS POLE	A B C	POLE AMPS	LTG. REC. MISC.		Ø A Ø B Ø C		
1		EXISTING *						EXISTING *		2	
3										4	
5										6	
7										8	
9										10	
11										12	
13										14	
15										16	
17										18	
19										20	
21										22	
23										24	
25										26	
27	1440	RM 2,11,12,13,14	8	20	1	1	20	8	RM 3,4,5	1080	28
29	1080	RM 2,11,12,13,14	6	20	1	1	20	8	RM 1,2,3	1440	30
31		SPARE		20	1	1	20	1	RM 2 XEROX	960	32
33		SPARE		20	1	1	20		SPARE		34
35		SPARE		20	1	1	20		SPARE		36
37	1600	DOOR CONT & PANIC	2	20	1	1	20	8	RM 9,10	1440	38
39	1080	EXHAUST BLOWER	1	20	1						40
41											42
LOAD: LIGHTING: PHASE A _____ PHASE B _____ PHASE C _____ + LCL _____ TOTAL _____											
RECEPT: PHASE A _____ PHASE B _____ PHASE C _____ TOTAL _____											
MOTOR: PHASE A _____ PHASE B _____ PHASE C _____ + 25% L.O.M. MTR. TOTAL _____											
MISC.: PHASE A _____ PHASE B _____ PHASE C _____ TOTAL _____											
TOTAL _____ V = _____ AMPS _____											
FEEDER: FROM _____ CONDUIT _____ WIRE _____											

* VERIFY EXISTING CIRCUITS DURING CONSTRUCTION

LEGEND
THIS SHEET

- | | | | |
|--|--|--|--|
| | PANELBOARD | | FLAT CABLE TRANSITION J BOX - SEE FLAT CABLE NOTES |
| | EXISTING DUPLEX RECEPTACLE | | 12" X 12" X 4" S.C. J BOX |
| | DUPLEX RECEPTACLE | | TELEPHONE TERMINAL CABINET TCI (See Shop DWG #TC) |
| | DOUBLE DUPLEX PEDESTAL RECEPTACLE - SEE FLAT CABLE NOTES | | PANIC BUTTON |
| | EXISTING TELEPHONE OUTLET | | DOOR CONTROL BUTTON |
| | TELEPHONE OUTLET | | ELECTRIC DOOR LATCH |
| | TELEPHONE PEDESTAL - SEE FLAT CABLE NOTES | | EXISTING CONDUIT |
| | EXISTING FA. PULL STATION AND HORN | | CONDUIT UNDER FLOOR |
| | EXISTING FA. HORN | | CONDUIT CONCEALED IN WALLS OR CEILING SPACE |
| | EXISTING BASEBOARD HEATER | | SURFACE MOUNT CONDUIT-WIREMOLD |
| | EXHAUST BLOWER CONTROLLER SEE SHEET 1/6 | | 3 CONDUCTOR FLAT CABLE |
| | PANIC ALARM CONTROLLER SEE SHEET 8 | | 25 PAIR TELEPHONE FLAT CABLE |
| | DOOR CONTROLLER SEE SHEET 2/6 | | PANIC ALARM MASTER INDICATOR PANEL |

COMPONENT BREAKDOWN

ITEM	QUANTITY	CATALOG NUMBER	DESCRIPTION
1	50 LF.	FC 3C 12 BLK	12 GA. CABLE
2	1 EA.	FC TR BX	TRANSITION BOX/BLANK COVER
3	1 EA.	FC TB	TERMINAL BLOCK THREE CONDUCTOR
4	1 EA.	FC SR	STRAIN RELIEF
5	50 EA.	FC SFF	TAP & SPLICE CONNECTOR
6	50 EA.	FC FRI	TRANSITION CONNECTOR
7	1 EA.	FC IK	INSULATOR KIT FOR TAP AND SPLICE CONNECTOR
8	6 EA.	FC DCI	SINGLE DUPLEX PEDESTAL WITH TELEPHONE *
9	1 PKG.	FC WT1	RED TAPE
10	100 LF.	FC W6TG	6" WIDE STEEL TAPE
11	1 EA.	FC TR TL	TELEPHONE TRANSITION BOX
12	1 EA.	30 LF 25 PAIR CABLE	TELEPHONE/CONNECTORS
13	1 EA.	20 LF 25 PAIR CABLE	TELEPHONE/CONNECTORS

* UNITS WILL BE MODIFIED TO PRODUCE 3 DOUBLE DUPLEX AND 2 TELEPHONE PEDESTALS

FLAT CABLE NOTES

- FLAT CABLE SYSTEMS SHALL BE AS MANUFACTURED BY T & B.
- ALL FLAT CABLE SHALL BE INSTALLED UNDER THE SUPERVISION OF THE DESIGNER AND THE MANUFACTURER'S REPRESENTATIVE.
- ALL SPECIAL TOOLS NECESSARY TO COMPLETE THE INSTALLATION SHALL BE PROVIDED BY THE REP.
- INSTALLATION SHALL COMPLY WITH ALL PROVISIONS OF ARTICLE 328 OF THE 1981 N.E.C.
- NOTIFY THE DESIGNER AS TO START DATE OF THE INSTALLATION SO THAT SCHEDULING CAN BE EFFECTIVELY ESTABLISHED.

Scale (h) AS SHOWN Scale (v) AS SHOWN W.U. 2163
 Date JULY 82
 Design by M. GOODMAN
 Drawn by NORMA GOMEZ
 DATE 8-23-82
 CITY ENGINEER
 Engineering Design Division
 POWER PLAN
 CAFETERIA REMODELING
 Department of Public Services
 LAS VEGAS, NEVADA
 Drawing no. 521-115B 6/8

12-37