

NO. 5 SHAFT
ELEV. 3635

NO. 7 SHAFT
ELEV. 3682

NO. 11 SHAFT

NO. 12 SHAFT

320 LEVEL
ELEV. 3400

JOY 42.25-26-1770
100HP 1 STAGE
7.5" a 39,200 cfm

AMERICAN BLOWER CO.
150 HP

LEGEND

- Q = quantity of air, in cubic feet per minute (cfm)
- R = resistance of airway
- i = pressure, in inches of water gage
- ☐ = portable fan (5 to 50 hp)
- ⊗ = stationary fan
- ⊔ = air door
- ⊔ = regulator door
- ⊔ = fire door
- = direction of air flow
- = fan line

1000 LEVEL
ELEV. 2715

42" METAL VENT PIPE
39,200 cfm
0.46" LOSS/100'

30" METAL VENT PIPE
11,500 cfm
0.21" LOSS/100'

2900 LEVEL

JOY HH 72-50
(install prior to connecting with # 11 shaft)

30" METAL VENT PIPE
5000 cfm
0.04" LOSS/100'

36" METAL VENT PIPE
16,500 cfm
0.16" LOSS/100'

JOY 42.25-21-1770
75HP 1 STAGE
7.5" a 39,200 cfm

TRANSITION FROM
36" TO 30"

2900 LEVEL
ELEV. 773

JOY 36-26.5-1750
50HP 2 STAGE
12" a 16,500 cfm

SPIRAL RAMP

STOPPING AREA

3300 LEVEL

30" METAL VENT PIPE
11,500 cfm
0.21" LOSS/100'

JOY 25-175-3450
40HP 2 STAGE
11,500 cfm a 16"

JOY 36-26.5-1750
50HP 2 STAGE
22,700 cfm a 9"

TRANSITION FROM
36" TO 30"

30" METAL VENT PIPE
22,700 cfm
0.80" LOSS/100'

36" METAL VENT PIPE
22,700 cfm
0.31" LOSS/100'

3300 LEVEL
ELEV. 373

JOY 36-26.5-1750
50HP 2 STAGE
9" a 22,700 cfm

MIAMI EAST
CITIES SERVICE COMPANY
MIAMI, ARIZONA

GENERAL VENTILATION SCHEMATIC
PHASE I: INITIAL DEVELOPMENT
(NOVEMBER 1973 to NOVEMBER 1974)

SCALE: NONE BY: W.E.H.
DATE: 8-1-73 NO. V-1a

No.	Date	By	Remarks