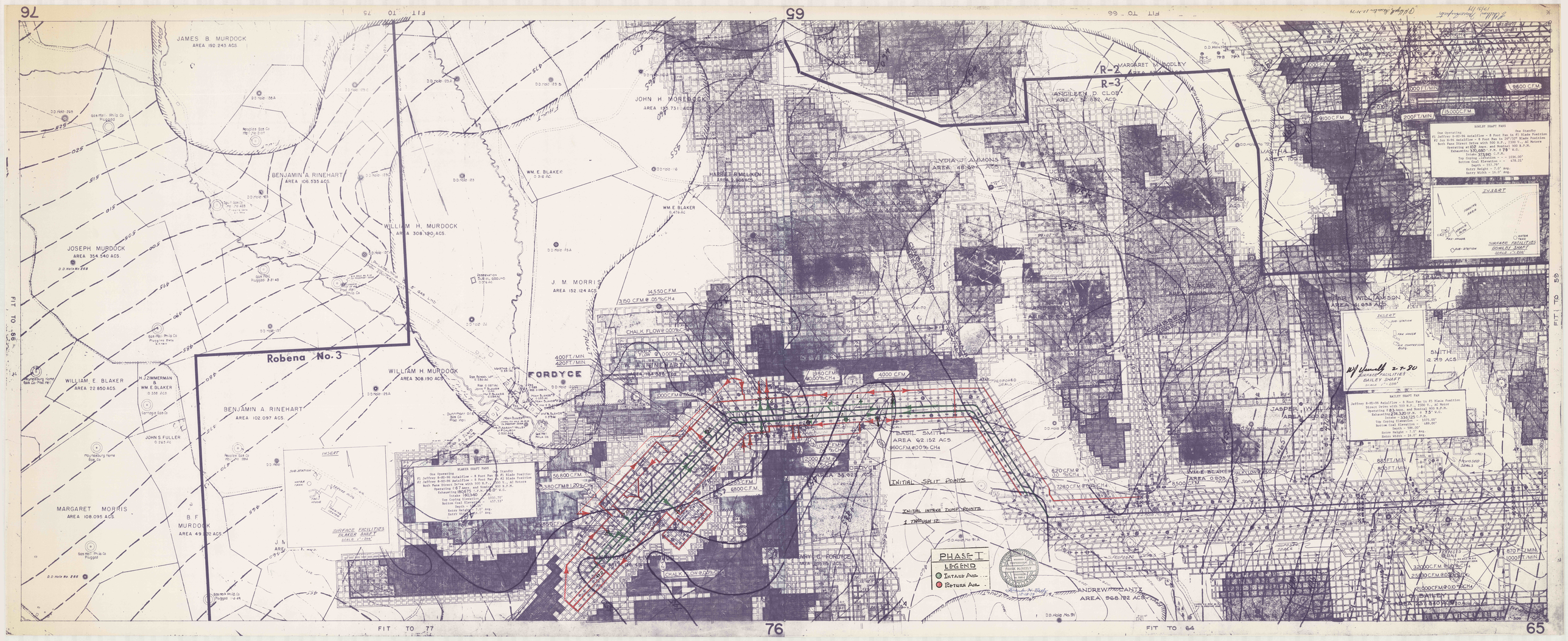
FIT TO 76
FIT TO 75
FIT TO 66
FIT TO 77
FIT TO 64
FIT TO 56
76
65
JAMES B. MURDOCK
AREA 192.243 ACS.
JOHN H. MOREBOCK
AREA 195.731 ACS.
MARGARET W. MUDDLEY
ANGILEEN D. CLOW
AREA 58.592 ACS.
R-2
R-3
BENJAMIN A. RINEHART
AREA 106.535 ACS.
WM. E. BLAKER
0.318 AC.
HARRIET B. MILLIKEN
AREA 1.508 ACS.
WM. E. BLAKER
0.476 AC.
LYDIA J. SIMMONS
AREA 48.596 ACS.
WILLIAM H. MURDOCK
AREA 308.190 ACS.
JOSEPH MURDOCK
AREA 354.540 ACS.
J. M. MORRIS
AREA 152.124 ACS.
MARTHA
AREA 108.2
WILLIAM E. BLAKER
AREA 22.850 ACS.
H. J. ZIMMERMAN
&
WM. E. BLAKER
0.338 ACS.
Robena No. 3
WILLIAM H. MURDOCK
AREA 308.190 ACS.
FORDYCE
W. A. RINEHART
BENJAMIN A. RINEHART
AREA 102.097 ACS.
JOHN S. FULLER
0.249 AC.
MARGARET MORRIS
AREA 108.095 ACS.
B. F. MURDOCK
AREA 49.232 ACS.
JASPER WILLIAMSON
AREA 1.658 ACS.
SMITH
12.249 ACS.
BASIL SMITH
AREA 62.152 ACS
960CFM.@00% CH4
WILE BLAKER
AREA 0.903
Rev. C. FORDYCE
AREA 35.82
ANDREW SANTIS
AREA 968.122 ACS.
14550 CFM
3150 CFM @ 05% CH4
CHALK FLOW @ 00% CH4
400FT/MIN
420FT/MIN
1980CFM
@0.00% CH4
4000 CFM
2000 CFM
6800 C.F.M.
56,800 CFM
2380 CFM @ 1.20% CH4
2850 CFM
620 CFM @
0.0% CH4
7280 CFM @ 0.0% CH4
8500 CFM
9600 CFM
9100 CFM
15000 CFM
200FT/MIN
885FT/MIN
870FT/MIN
1000FT/MIN
32000 CFM @ 0.10% CH4
25000 CFM @ 0.20% CH4
21000 CFM @ 0.10% CH4
INITIAL SPLIT POINTS
INITIAL INTAKE DUMP POINTS
1 THROUGH 12
PHASE I
LEGEND
INTAKE AIR
RETURN AIR
BLAKER SHAFT FAN
One Operating
One Standby
#1 Jeffrey 8-80-96 Axialflow - 8 Foot Fan in #1 Blade Position
#2 Jeffrey 8-80-96 Axialflow - 8 Foot Fan in #2 Blade Position
Both Fans Direct Drive with 500 H.P., 2300 V., AC Rotors
Operating @ 67 Amps. and Nominal 900 R.P.M.
Exhausting 186,875 C.F.M. 7.0" W.G.
Intake 163,340 C.F.M.
Top Coaling Elevation - 1035.75'
Bottom Coal Elevation - 437.75'
Depth - 598.00'
Entry Height - 7.0' Avg.
Entry Width - 15.0' Avg.
SURFACE FACILITIES
BLAKER SHAFT
SCALE 1" = 200'
INSERT
SUB-STATION
WATER TANK
BOILER HOUSE
BOILER STACK
BOWLEY SHAFT FANS
One Operating
One Standby
#1 Jeffrey 8-80-96 Axialflow - 8 Foot Fan in #1 Blade Position
#2 Jeffrey 8-80-96 Axialflow - 8 Foot Fan in 20°/30° Blade Position
Both Fans Direct Drive with 500 H.P., 2300 V., AC Rotors
Operating at 102 Amps. and Nominal 900 R.P.M.
Exhausting 370,680 C.F.M. 4.75" W.G.
Intake 373,940 C.F.M.
Top Coaling Elevation - 1036.00'
Bottom Coal Elevation - 478.21'
Depth - 557.79'
Entry Height - 7.0' Avg.
Entry Width - 15.0' Avg.
INSERT
SUB-STATION
FAN HOUSE
WATER TANK
BOILER HOUSE
SURFACE FACILITIES
BOWLEY SHAFT
SCALE 1" = 200'
INSERT
FAN HOUSE
FAN COMPRESSOR BLDG.
SUB-STATION
SURFACE FACILITIES
BAILEY SHAFT
SCALE 1" = 200'
BAILEY SHAFT FAN
Jeffrey 8-80-96 Axialflow - 8 Foot Fan in #1 Blade Position
Direct Drive with 500 H.P., 2300 V., AC Motor
Operating @ 83 Amps. and Nominal 900 R.P.M.
Exhausting 234,525 C.F.M. 7.5" W.G.
Intake 230,625 C.F.M.
Top Coaling Elevation - 1075.00'
Bottom Coal Elevation - 489.00'
Depth - 586.00'
Entry Height - 7.0' Avg.
Entry Width - 14.0' Avg.
Proposed Seals
Proposed Seals
Proposed Seals