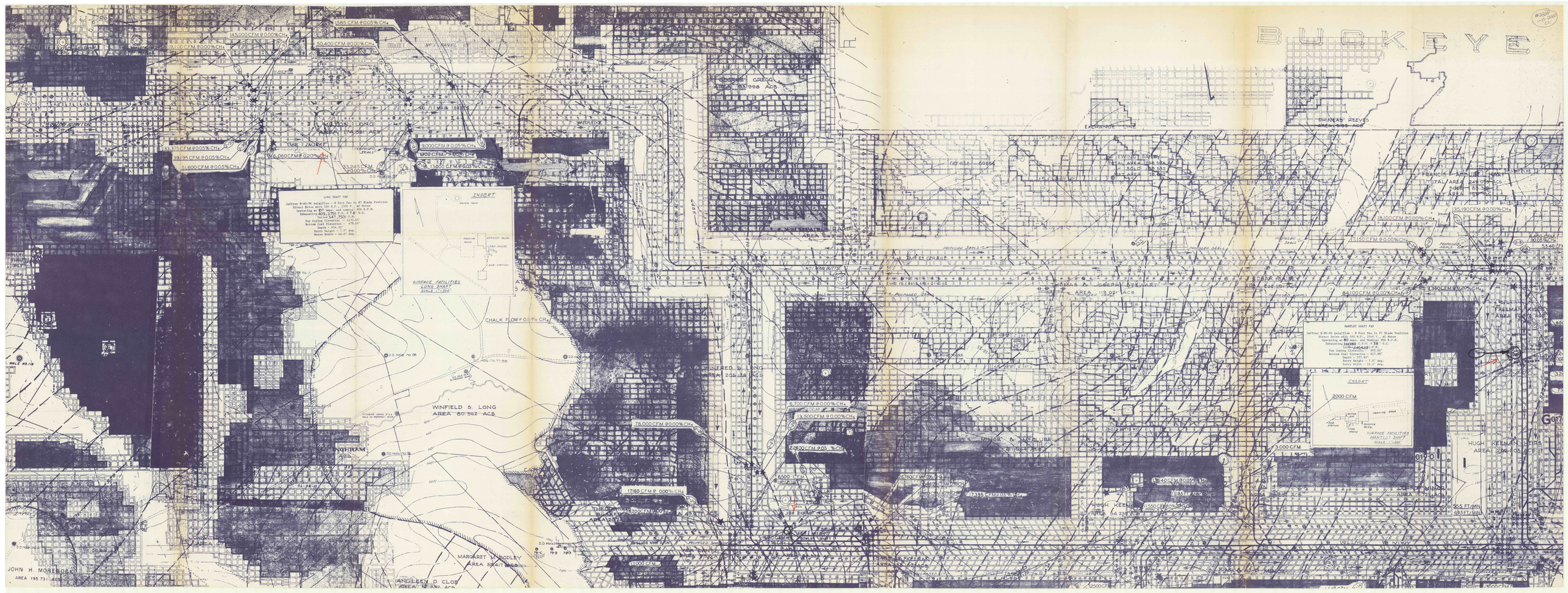
BUCKEYE
1585 CFM @ 0.05% CH4
145,000 CFM @ 0.00% CH4
50,400 CFM @ 0.00% CH4
19,100 CFM @ 0.00% CH4
33,375 CFM @ 0.05% CH4
39,195 CFM @ 0.05% CH4
51,600 CFM @ 0.05% CH4
6,060 CFM @ 0.20% CH4
33,245 CFM @ 0.00%
9,000 CFM @ 0.05% CH4
1,900 CFM @ 0.05% CH4
13,000 CFM @ 0.05% CH4
LONG SHAFT FAN
Jeffrey S-HUD-96 Axialflow - 8 Foot Fan in 47 Blade Position
Operating at 107 Amps. and Nominal 900 R.P.M.
Exhausting 409,375 C.F.M. @ 7.8 W.G.
Top Coping Elevation - 1133.00'
Bottom Coal Elevation - 478.68'
Depth - 654.32'
Entry Height - 7.0' Avg.
Entry Width - 16.0' Avg.
INSERT
SURFACE FACILITIES LONG SHAFT
CHALK FLOW @ 0.1% CH4
WINFIELD S. LONG
AREA 80.562 ACS.
WINFRED S. LONG
AREA 205.128 ACS
6,700 CFM @ 0.00% CH4
13,500 CFM @ 0.00% CH4
78,000 CFM @ 0.00% CH4
22,600 CFM @ 0.05% CH4
17,160 CFM @ 0.00% CH4
6,500 CFM
13,000 CFM
MARGARET M. BODLEY
AREA 57.417 ACS
JOHN H. MOREBOCK
AREA 195.731 ACS
ANGILLEN D. CLOE
GEORGE GREGG
AREA 83.998 ACS
PHINEAS REEVES
AREA 0.05 ACS
EXCHANGE LINE
FRANCIS ASBURY HART
TOTAL AREA 249.055 ACS
NET AREA 83.380
AREA 165.675
135,190 CFM @ 0.00% CH4
18,100 CFM @ 0.00% CH4
7,150 CFM @ 0.00% CH4
84,100 CFM @ 0.00% CH4
2,360 CFM @ 0.20% CH4
5,540 CFM
THOMAS & JOSEPH STEWART
AREA 119.021 ACS
MINOR & MCCLURE
HARTLEY SHAFT FAN
Jeffrey S-HUD-96 Axialflow - 8 Foot Fan in 47 Blade Position
Operating at 80 Amps. and Nominal 900 R.P.M.
Exhausting 346,980 C.F.M. @ 7.8 W.G.
Indoor 240,420 C.F.M.
Top Coping Elevation - 995.00'
Bottom Coal Elevation - 617.88'
Depth - 377.12'
Entry Height - 7.0' Avg.
Entry Width - 16.0' Avg.
INSERT
2000 CFM
SURFACE FACILITIES HARTLEY SHAFT
3,000 CFM
HUGH KEENAN HEIRS
AREA 296.208 ACS
JOHN S. MINOR
AREA 15.224 ACS
HUGH KEENAN
AREA 54.238 ACS
555 FT/MIN
495 FT/MIN
1,550 CFM
2,500 CFM
3,000 CFM