

**AIR SHAFT NO. 2 FANS**

**DIESEL--STAND-BY**  
 JEFFREY 8-HU-96 AERODYNE FAN IN NO. 3 BLADE POSITION  
 DIRECT DRIVE WITH 665 H.P. DIESEL ENGINE POWER UNIT  
 OPERATING AT A NOMINAL 900 R.P.M.

**ELECTRIC--OPERATING**  
 JEFFREY 8-HU-96 AERODYNE FAN IN NO. 3 BLADE POSITION  
 DIRECT DRIVE WITH 500 H.P., 2400 V. A.C. MOTOR  
 OPERATING AT 85 AMPS. AND NOMINAL 900 R.P.M.  
 EXHAUSTING 375,400 C.F.M. AT 50" W.G.  
 INTAKE 263,480 C.F.M.  
 TOP COPING ELEVATION-950.0'  
 BOTTOM COAL ELEVATION-617.3'  
 DEPTH-332.7'  
 ENTRY HEIGHT-6.3' AVG.  
 ENTRY WIDTH-16.0' AVG.

**AIR SHAFT NO. 1 FANS**

**DIESEL--STAND-BY**  
 JEFFREY 8-HU-96 AERODYNE FAN IN NO. 2 BLADE POSITION  
 DIRECT DRIVE WITH 665 H.P. DIESEL ENGINE POWER UNIT  
 OPERATING AT A NOMINAL 900 R.P.M.

**ELECTRIC--OPERATING**  
 JEFFREY 8-HU-96 AERODYNE FAN IN NO. 2 BLADE POSITION  
 DIRECT DRIVE WITH 500 H.P., 2400 V. A.C. MOTOR  
 OPERATING AT 85 AMPS. AND NOMINAL 900 R.P.M.  
 EXHAUSTING 345,660 C.F.M. AT 4.3" W.G.  
 INTAKE 238,730 C.F.M.  
 TOP COPING ELEVATION-791.2'  
 BOTTOM COAL ELEVATION-630.5'  
 DEPTH-160.7'  
 ENTRY HEIGHT-6.3' AVG.  
 ENTRY WIDTH-16.0' AVG.

Blade Position	Before	After
Intake	238,730 cfm	130,700 cfm
Return	301,800 cfm	203,850 cfm
Water Gauge	4.4"	3.0"
Water Gauge	4.4"	3.0"

Blade Position	Before	After
Intake	240,440 cfm	217,800 cfm
Return	375,330 cfm	385,380 cfm
Water Gauge	4.3"	4.1"
Water Gauge	4.3"	4.1"

**BENCH MARK**  
 ELEVATION-786.76  
 Located on Anchor Bolt  
 of Water Tank Leg Facing Valve Box

**BASE LINE POINT**  
 II-00.52  
 IRON PIN  
 N-14304.58  
 W-32678.17

**BENCH MARK**  
 ELEVATION-786.66  
 Located 87 Ft. On  
 Blacksmith Shop In  
 Concrete Foundation  
 Wall Facing South of  
 The Water Filtration  
 Plant



**LEGEND** 1-8-87 For Sheets 3-447

- ← Intake Air Direction Before or Unchanged
- Intake Air Direction After
- ← Return Air Direction Before or Unchanged
- Return Air Direction After
- ⊘ Stopping Constructed
- ⊘ Fixed Regulator
- ⊘ Fixed Regulator Constructed
- ⊘ Regulator Constructed or Opened
- ⊘ Overcast
- ⊘ Stopping With Drop Door
- ⊘ Stopping With Drop Door Constructed
- ⊘ Canvas Stopping
- ⊘ Canvas Stopping Constructed
- ⊘ Head Printed Reading Underlined Once - Before Reading
- ⊘ Head Printed Reading Underlined Twice - After Reading