PLAINTIFF'S EXHIBIT
KEN-139

7143 SOAKING PITS FACILITIES

PROJECT SUMMARY

AUGUST, 1968

GENERAL

The Soaking Pits were lighted off during the month of July with all batteries being heated except Battery No. 1, which was lit off in the month of August. Ingots were first charged into the pits 13 through 24 on July 21, 1968, and the first hot ingot was withdrawn for loading on July 26, 1968.

Loftus Construction Co. generally completed all remaining work on Batteries No. 1 and No. 2 during the month of August, with only small items remaining. Foothill Electric Co. completed their work in the Soaking Pits during the month of July and reduced their crews to a minimum in August. The Delta Construction Co. piping contract was also completed during this period. At the end of August all twenty-four (24) pits were operating satisfactorily.

7143 SOAKING PITS FACILITIES

PROJECT SUMMARY

JUNE, 1968

GENERAL

Progress continued in miscellaneous areas of structural steel. Final refractory lining was completed in Battery No. 3 through No. 6 area. Final lining for pits in Battery No. 2 area is 90% complete and Battery No. 1, 20% complete. Electrical continued to install exposed conduit, lighting wiring and low voltage cable. All work requirements by Delta Pipeline Constructors have been completed except degreasing oxygen line and the installation of the car thaw fuel oil pipe.

KEN 009367

7143 SOAKING PITS FACILITIES

PROJECT SUMMARY

APRIL , 1968

I. ENGINEERING

Drawing revisions and sketches for miscellaneous minor changes are being made as required.

II. PROCUREMENT

Only miscellaneous items of minor nature remain to be purchased.

III. CONSTRUCTION

Loftus is approximately 85% complete and is progressing well with mechanical, piping and refractory installation. However, the electrical installation for Batteries No. 1, No. 2 and No. 3, located at the west end of the structure, is dropping behind schedule. Service piping and electrical work is progressing well. High bay lighting is underway.

KEN 009368

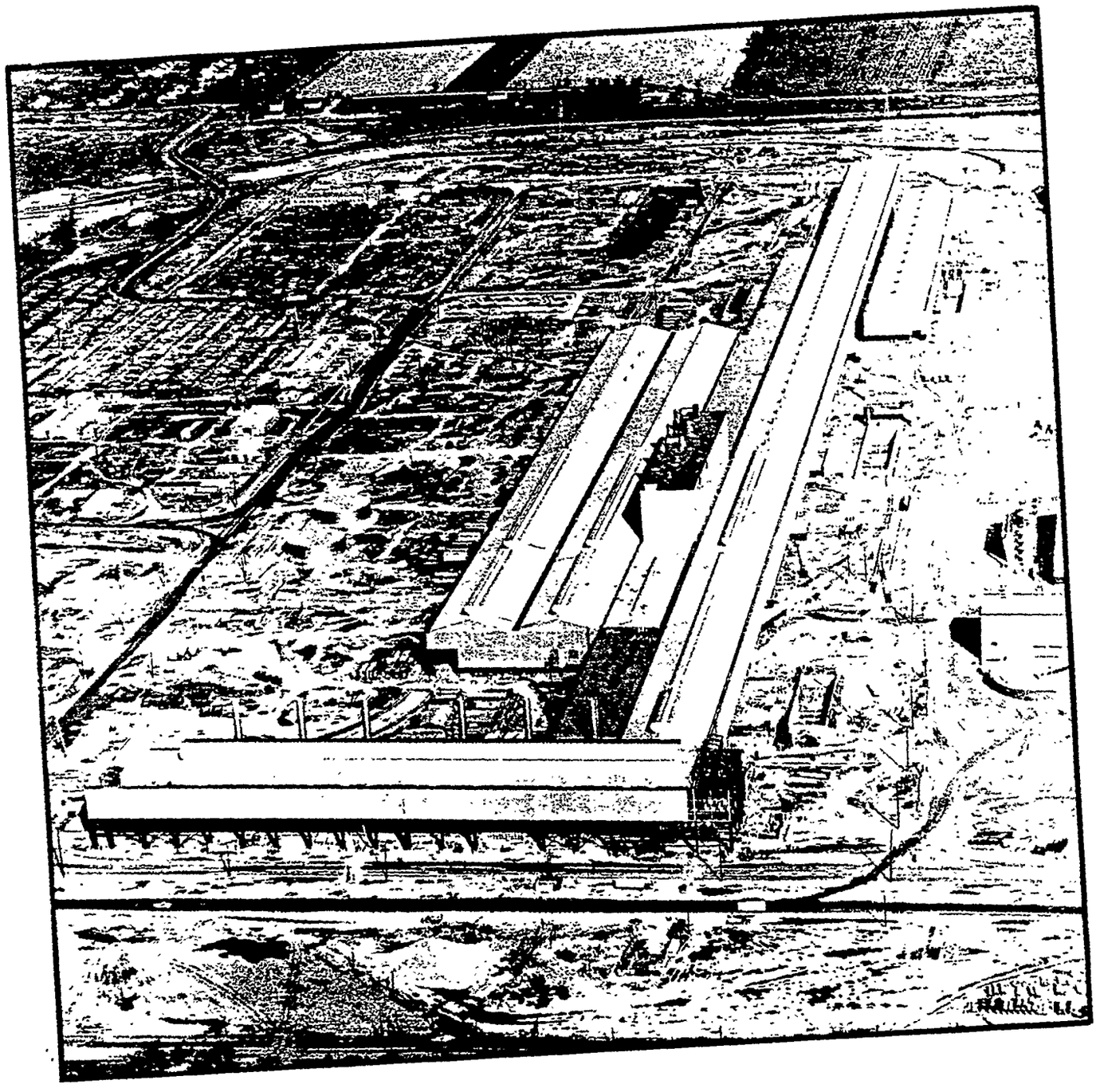

FIGURE 1. SOAKING PIT AND HOT STRIP MILL BUILDINGS

Aerial view showing relationship of Soaking Pit facilities to the Hot Strip Mill facilities.

KEN 009369

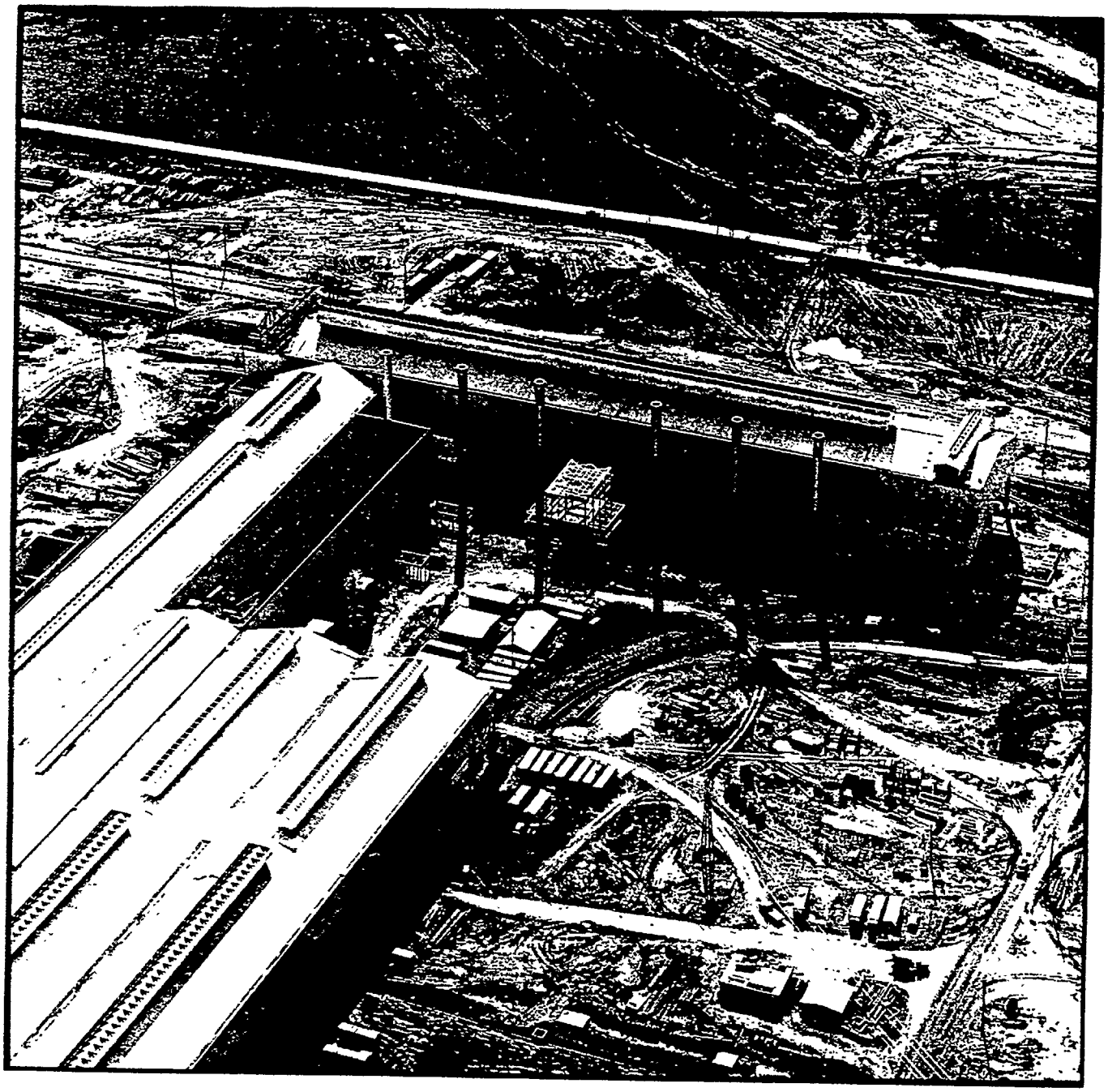

FIGURE 2. SOAKING PIT BUILDING

Aerial view showing stacks and north side of Soaking Pit Building. Service Bay ready for sheathing.

KEN 009370

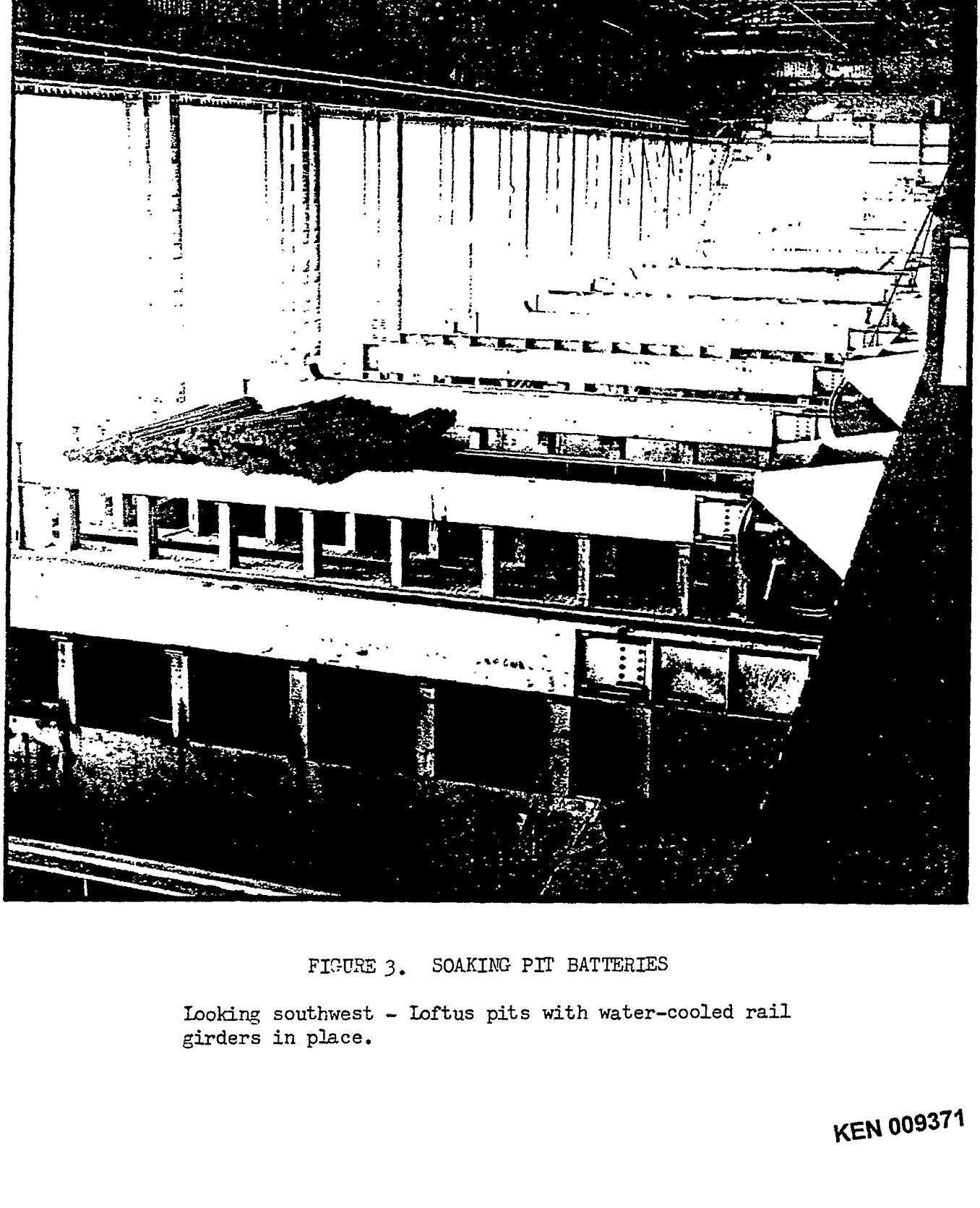

FIGURE 3. SOAKING PIT BATTERIES

Looking southwest - Loftus pits with water-cooled rail girders in place.

KEN 009371

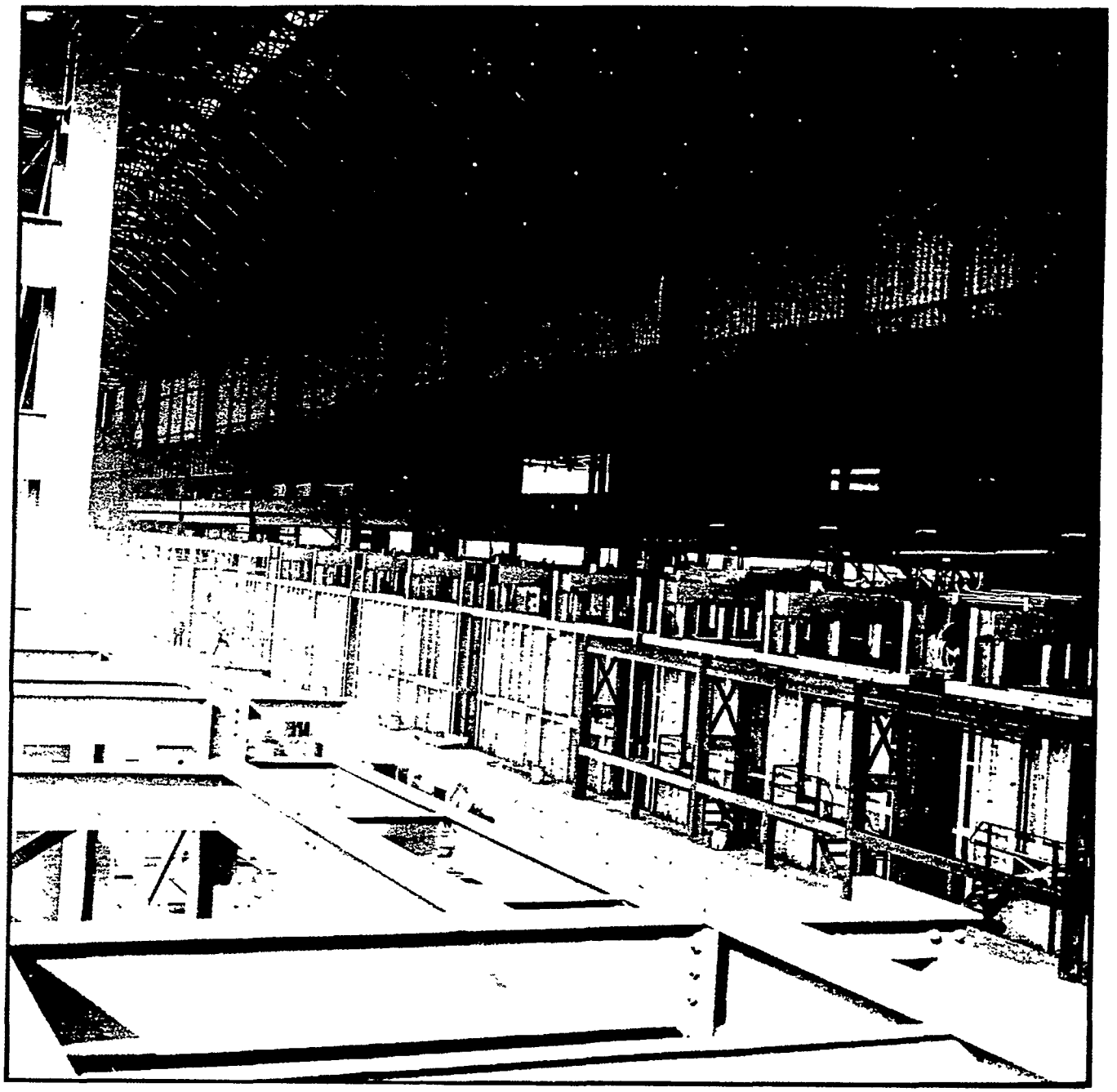

FIGURE 4. SOAKING PIT STEELWORK

Looking northwest: Foreground - supply steel for Ingot Buggy Pulpit; Middleground - Loftus pits with steel in place; Background - heat protection plates erected on mezzanine level.

KEN 009372

7143 SOAKING PIT FACILITIES

PROJECT SUMMARY

JUNE 1967

I. ENGINEERING

Detail design is 95 percent complete.

II. PROCUREMENT

Purchase Orders were issued during the month of June for the following:

Side Wall Louvers

Motor Control Center No. 7

Thaw Pits

Grease Pumping Mechanism

Fittings for Roof Drains

Plant Air and Piping.

Inquiries requesting proposals were issued on the following Engineered Equipment:

Cinder Handling Buckets and Bucket Dumping Mechanism

Fittings for Steam Siphon Discharge

Collectors and Downspouts

Well Water Lines

Bulk Grease System and Piping - Thaw Pit Control House.

III. CONSTRUCTION

Approximately 22,699 Cubic Yards of Concrete have been placed to date or about 73 percent of total. Structural Steel approximately 3,498 tons erected to date is about 82 percent complete. Loftus has erected Grillage steel for pits 15 through 24, Hearth floor steel plate has been installed for pits 20 through 24, flue framing steel is nearly complete for Batteries 5 and 6 (pits 16 through 24). Refractory lining is being placed in pit flues and Main collector flues for Batteries 5 and 6.

KEN 009373

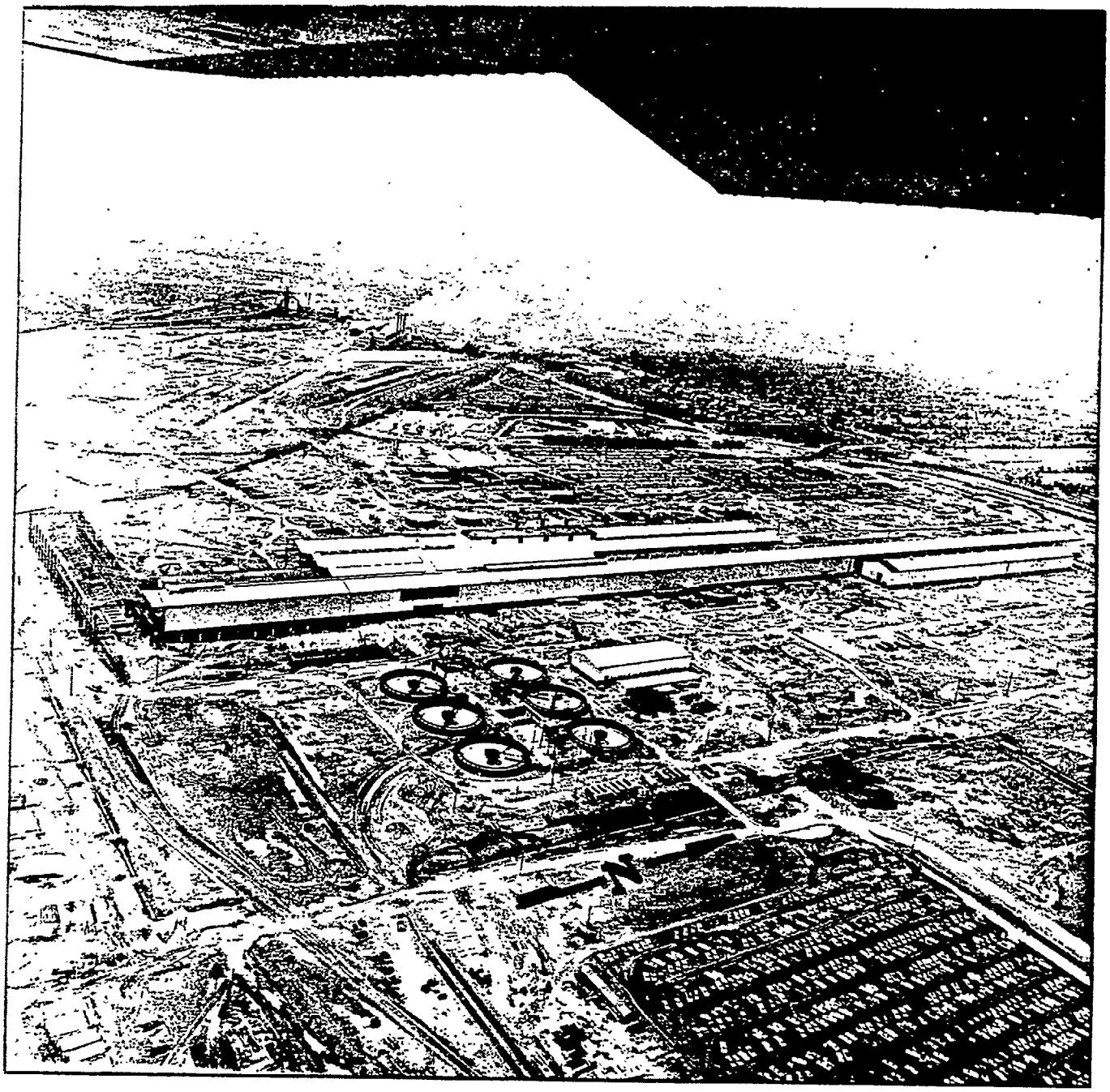

FIGURE 2. SOAKING PIT FACILITIES
MAY 5, 1967

Soaking Pit Structural Steel Framework and Stack Foundations
(Looking South East at Col. Row "X")

7143 SOAKING

PIT FACILITIES

PROJECT SUMMARY

MARCH 1966

I. ENGINEERING

A. ENGINEERING REPORT

The Engineering Report was issued for final review.

B. DRAWINGS

The scope drawings were issued for final approval the last week in March.

Dewatering and underdrain drawings were approved and issued.

C. CHART OF ACCOUNTS AND ESTIMATE

The Chart of Accounts and Estimate will be revised to reflect the approved scope drawings and the Engineering Report.

II. PROCUREMENT

A letter of intent was issued to Loftus Engineering on March 15, 1966 for Engineering and supplemented in the last week in March to include purchase of Refractory.

III. CONSTRUCTION

Construction is scheduled to begin the middle of June 1966.

MONTHLY PROGRESS REPORTS

SOAKING PIT FACILITIES

ARMCO, MIDDLETOWN

Project 7143 R. J. Wolf

KEN 009365