



NOV 9 1981

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

215 Fremont Street
San Francisco, Ca. 94105

NOV 5 1981

In Reply: E-5-3
Refer To:

Mr. B. A. Kerns
Westinghouse Electric Company
Chatham Center Office Building
112 West Washington Place
Pittsburgh, Pennsylvania 15219

Dear Mr. Kerns,

Pursuant to your request we are following up the transmittal of the photographs with the Analysis. This project was directed by the Advanced Monitoring Systems Division of the Environmental Monitoring Systems Laboratory, Las Vegas, Nevada. Photographic analysis is interpretive and should be used judiciously as a tool to aid in directing investigations.

The schedule we are following now is to respond to your presentation by November 16, to be followed by your reply by the end of November.

Sincerely,

Harlan Agnew
Attorney-Advisor
Enforcement Division

cc: Lowell Miller
Department of Health Services

Robert Samaniego
Regional Water Quality Control Board

524923

PHOTO ANALYSIS

1931 PHOTOGRAPHY

In 1931 the Westinghouse site is occupied by a single building approximately 75 x 70 meters (245 x 230 feet) and a rail spur off the Southern Pacific Railroad. Most of the site appears to be covered with heavy grass and brush. There is no evidence of any on-site dumping or ground scarring indicative of waste burial activity.

North of the site boundary are some piles of unidentified material, but no connection between the Westinghouse building can be seen. Drainage on site is toward a low point adjacent to the petroleum storage facility.?

where is it? west side

524938

PHOTO ANALYSIS

1939 PHOTOGRAPHY

The 1939 photography reveals a 114 meter (375 feet) addition has been constructed on the original building. A new rail spur has also been added.

There are three small pools of liquid just north of the building. Several areas of ground scarring nearby suggest that some disposal activities could have occurred, especially in the vacant lot north of the site. This area is now connected to the building via a small dirt road.

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PHOTO ANALYSIS

1950 PHOTOGRAPHY

An expansion of the building by 70 meters (230 feet) has covered over the three small pools of liquid and some of the ground scarring evident in 1939.

Two small spills are evident in the storage area at the north end of the building, but neither appears to have escaped the site. A pool of dark toned liquid is evident west of the building adjacent to the rail spur. This pool may contain waste oils from the transformers and could be contaminated with PCB's. A small area of ground scarring is visible between the pool and the building.

Outside the north boundary of the site there are two areas of ground scarring which could be associated with waste disposal. In addition, piles of unidentified materials are evident and some discoloration of the ground is visible.

The shadow of a sign located on the roof of the building indicates this is a Westinghouse facility.

52A924

PHOTO ANALYSIS

1959 PHOTOGRAPHY

The area of ground scars, piles of unidentified materials, and discolorations north of the Westinghouse site has been paved over. This area is now a storage yard identified as belonging to the ITT GRINNELL Company.

The Westinghouse storage area has some unidentified materials, and there is no evidence of spills or spill stains.

The pool of liquid noted in 1950 has been covered over, and possible piles of fill material are evident. Several piles of unidentified materials are also present and may have originated from the pool area. There is no evidence of any burial or waste disposal activity on the site.

524925

PHOTO ANALYSIS

1965 PHOTOGRAPHY

The Westinghouse storage area at the north end of the site appears to be near capacity. Image scale precludes identification of the stored materials. Due to the discoloration of some of the pavement areas, it is likely spills of some type of liquid have occurred.

The area of the 1950 pool appears to be a graveled turn around for vehicles. Some piles of unidentified materials are located just west of the storage yard.

A small pool of liquid is evident between two rail spurs; however, this may be the result of rainwater as no connection to the building is apparent. Piles of unidentified materials are visible between the railroad spurs and the wall of the oil storage area.

There has been no major change in the storage yard of the ITT GRINNELL Company.

The Westinghouse sign at the southwest corner is visible, and it is possible to discern each letter in the sign.

524926

PHOTO ANALYSIS

1976 PHOTOGRAPHY

The amount of material in the Westinghouse storage yard is approximately half that amount noted in 1965. Some spill stains are still evident.

The piles of material west of the storage yard noted in 1965 appear much the same size. The pool of liquid between the railroad spurs appears to be slightly larger, while there has been no change in the piles of unidentified materials.

521927

PHOTO ANALYSIS

1978 PHOTOGRAPHY

The pool of liquid between the railroad spurs is gone or covered by an increased growth of vegetation. A small spill is evident near the northwest corner of the building, but it does not appear to be much of a threat. More material is evident in the storage yard, with some spill stains visible. The piles of unidentified material remain the same as in 1976.

524928

PHOTO ANALYSIS

1981 PHOTOGRAPHY

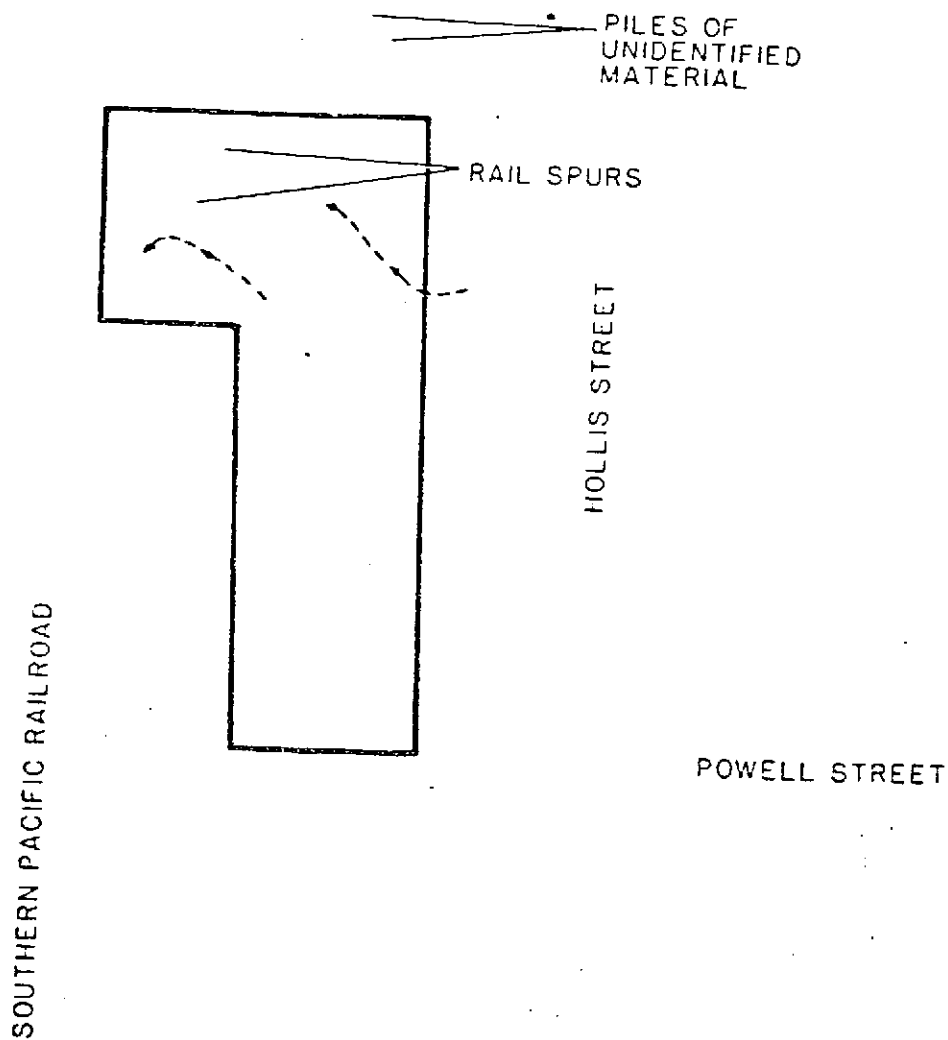
There are no major changes since 1978. The piles of material near the rail spurs are overgrown with vegetation.

A line of yellow flags approximately 24.5 x 23 meters (80 x 75 feet) has been placed just west of the Westinghouse storage yard. The purpose for these flags is unknown but may be used to block off this area of the site.

• The location of the four test holes dug in the ITT GRINNELL Company storage yard are visible and have been identified. No other significant items of interest are apparent.

524929

FIGURE 18



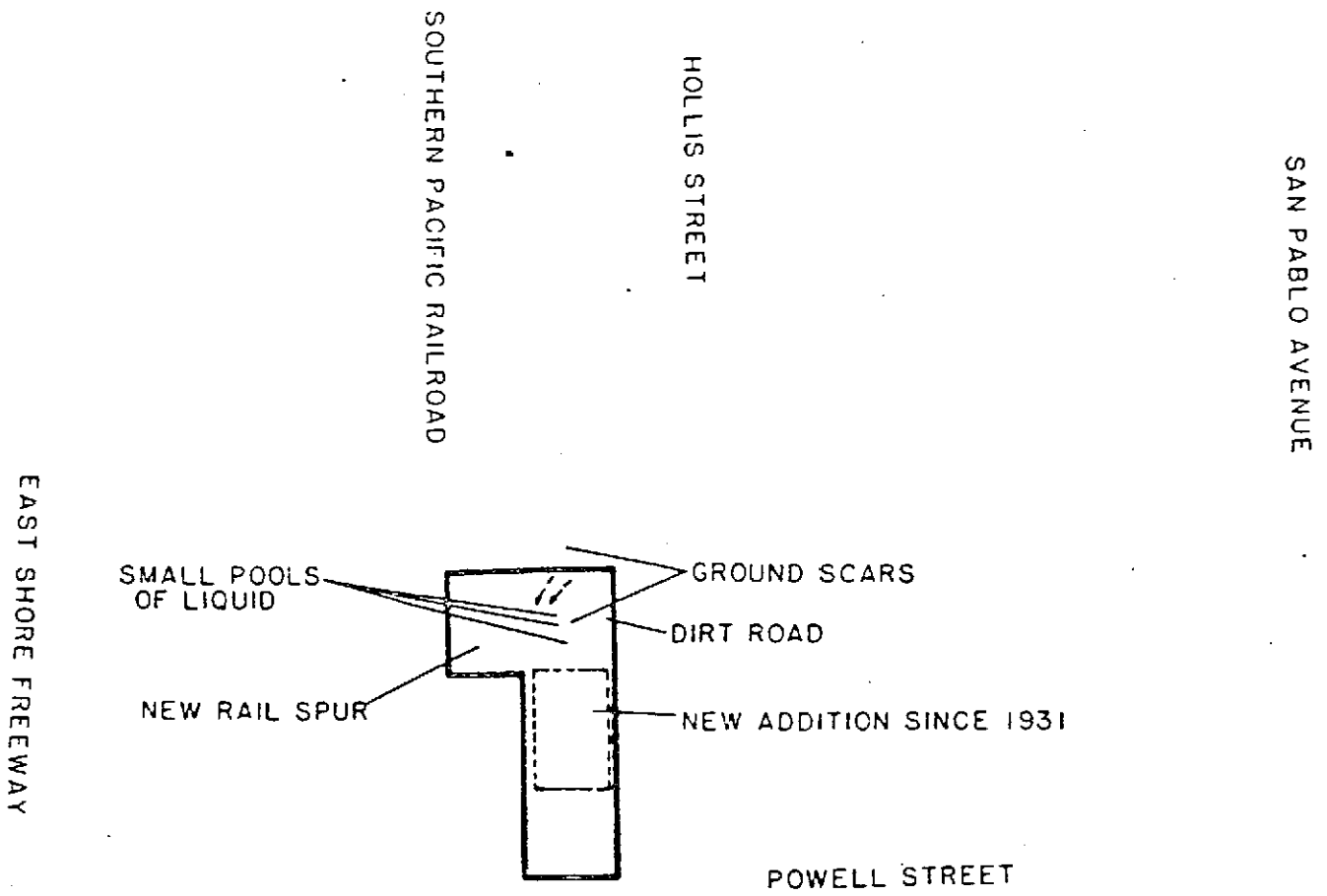
--DRAINAGE



WESTINGHOUSE SITE
FLOWN: MAY 27, 1931
APPROX. SCALE
1 inch = 290 feet

524930

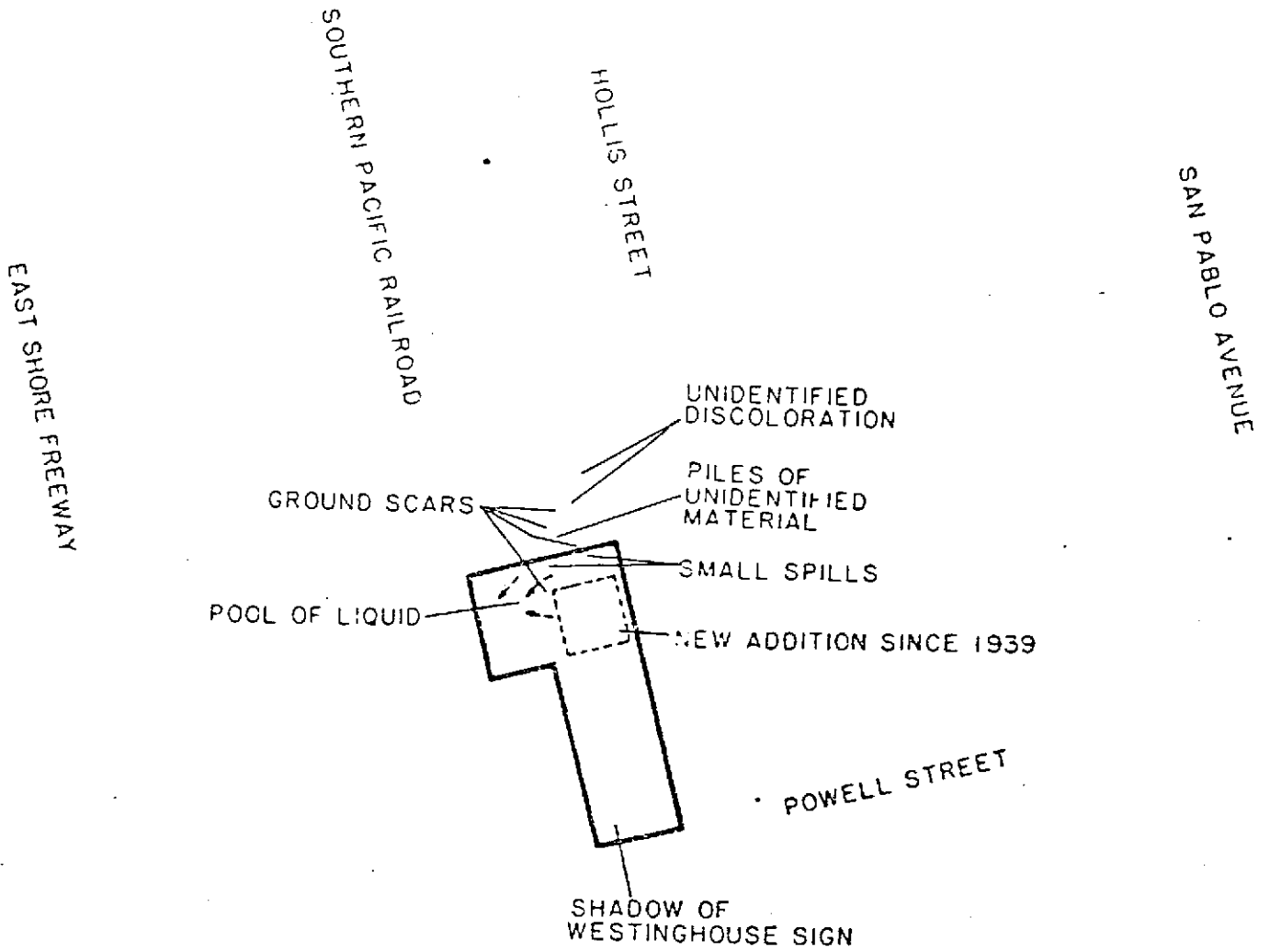
FIGURE 19



WESTINGHOUSE SITE
 FLOWN: AUGUST 2, 1939
 APPROX. SCALE
 1 inch = 575 feet

520931

---DRAINAGE

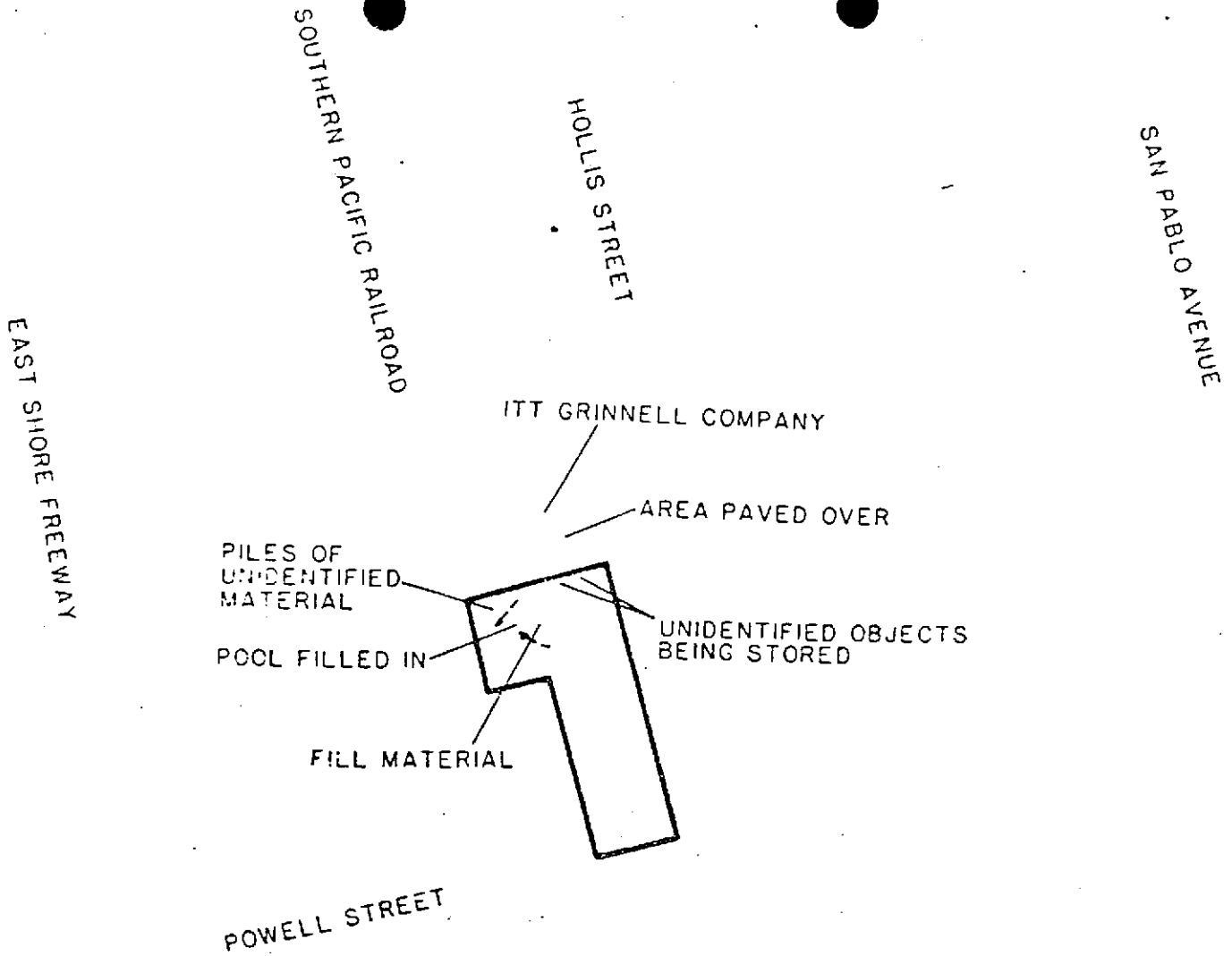


← DRAINAGE



WESTINGHOUSE SITE
 FLOWN: MAY 25, 1950
 APPROX. SCALE
 1 inch = 575 feet

524932



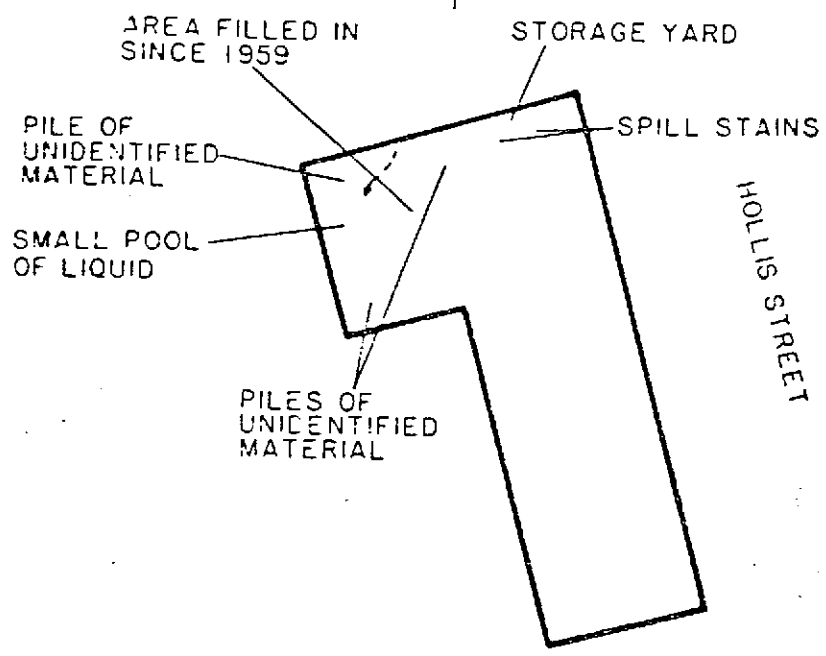
WESTINGHOUSE SITE
 FLOWN: MAY 17, 1959
 APPROX. SCALE
 1 inch = 570 feet

---DRAINAGE

524933

SOUTHERN PACIFIC RAILROAD

ITT GRINNELL COMPANY



POWELL STREET

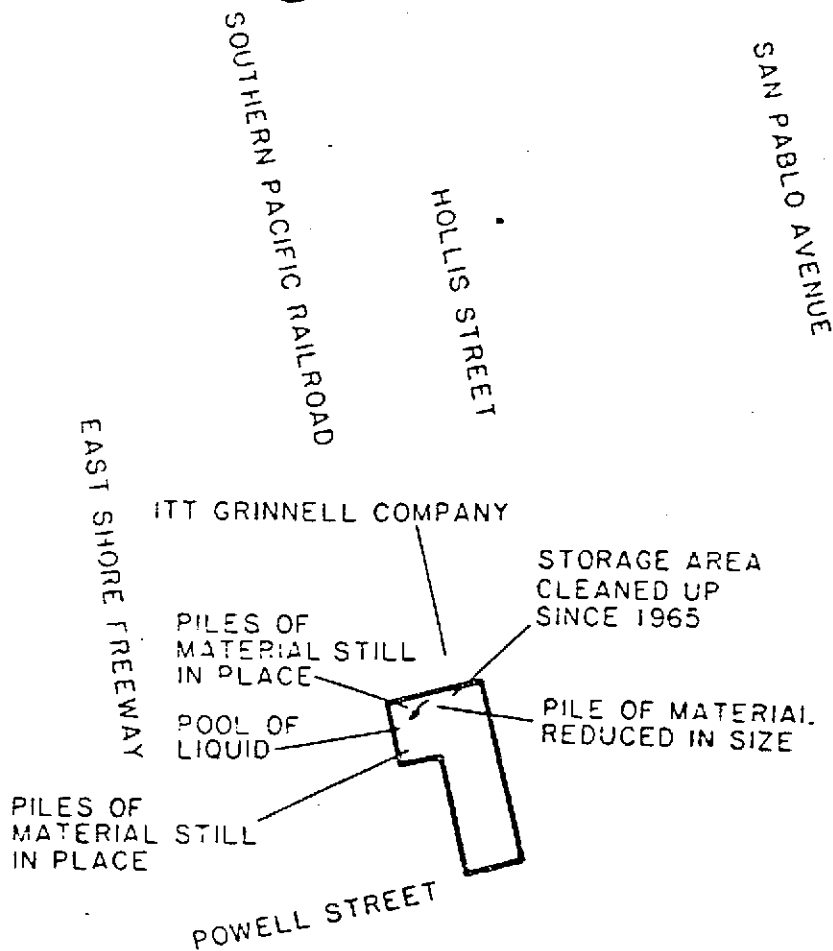
HOLLIS STREET



WESTINGHOUSE SITE
 FLOWN: MAY 18, 1965
 APPROX. SCALE
 1 inch = 330 feet

---DRAINAGE

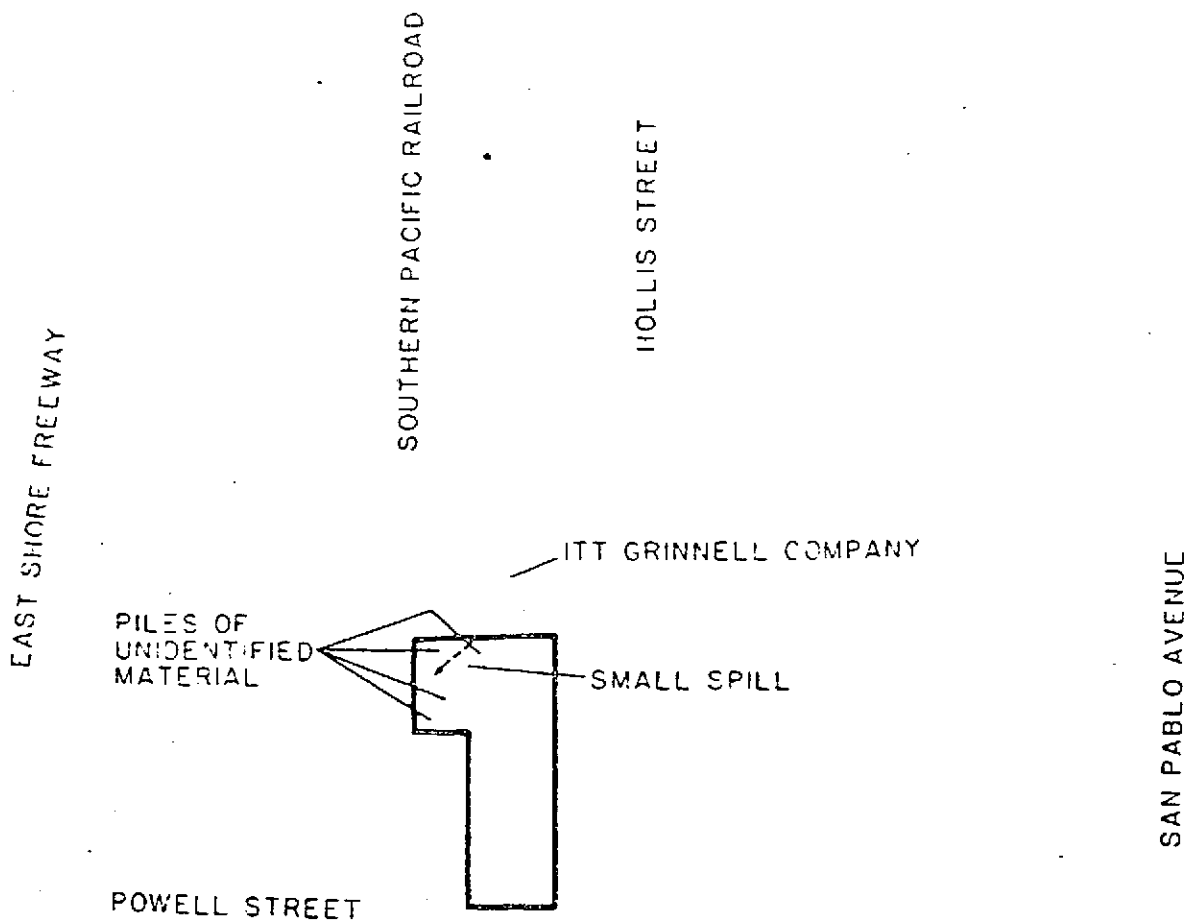
524934



WESTINGHOUSE SITE
 FLOWN: MAY 12, 1976
 APPROX. SCALE
 1 inch = 990 feet

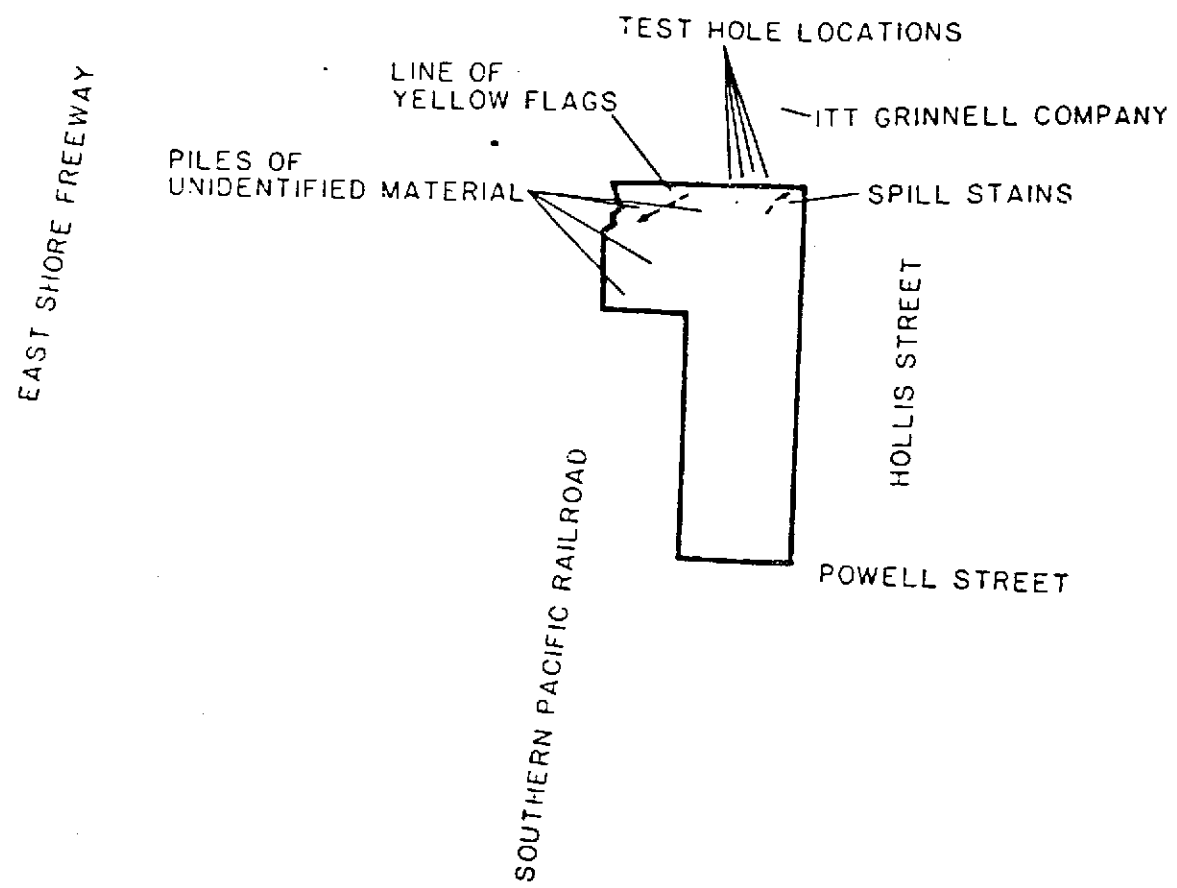
← DRAINAGE

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WESTINGHOUSE SITE
FLOWN: DECEMBER 14, 1978
APPROX. SCALE
1 inch = 650 feet

524936



←---DRAINAGE

WESTINGHOUSE SITE
 FLOWN: JUNE 26, 191
 APPROX. SCALE
 1 inch = 500 feet

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