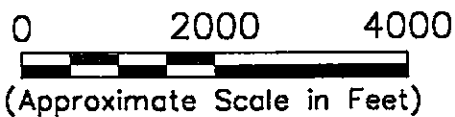


Basemap Source: 1980 U.S.G.S Quad Map, Oakland West, California.



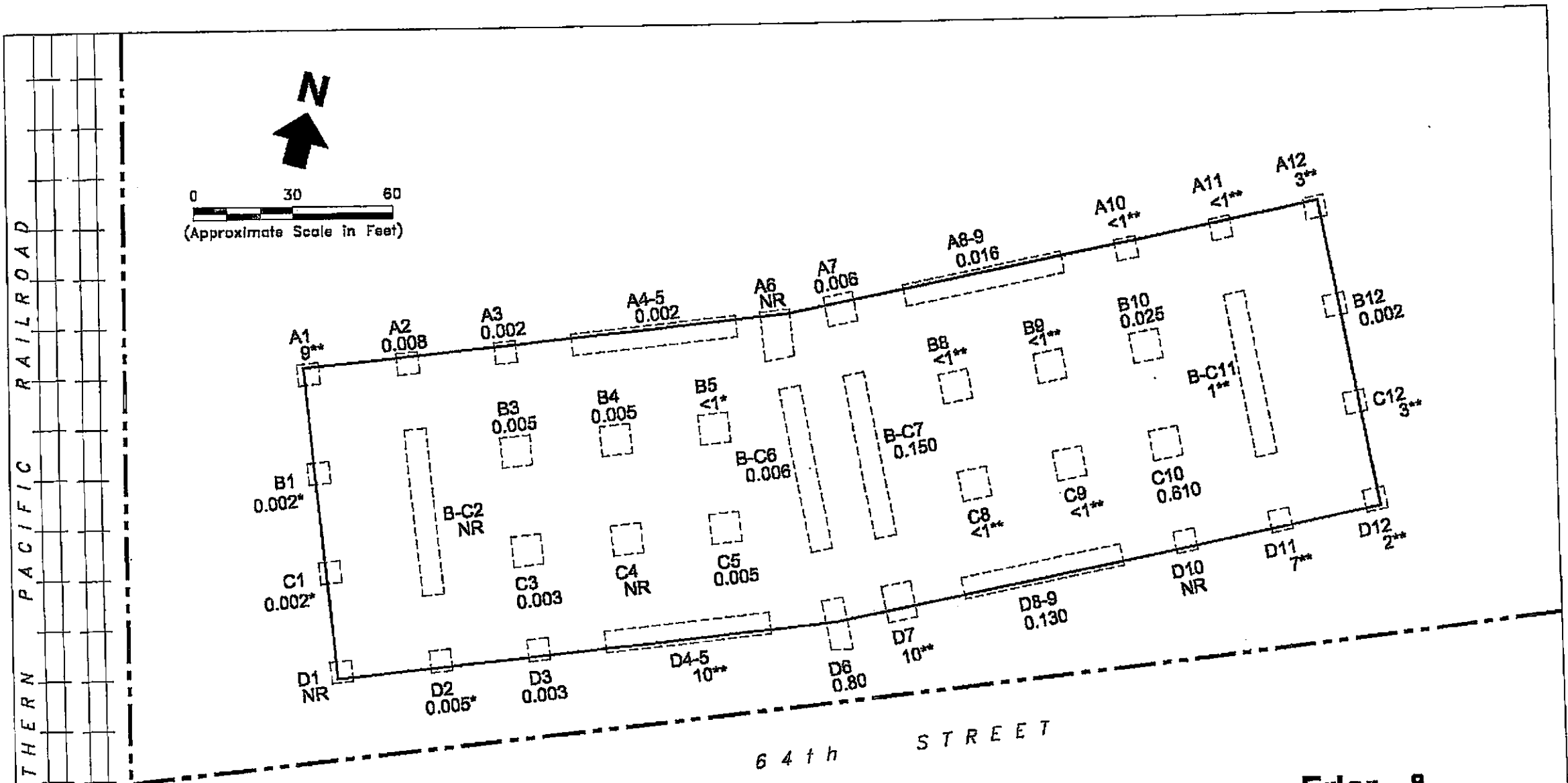
**Notes:**

1. All locations are approximate.

**Erler &  
Kalinowski, Inc.**

Site Location

64th & 65th Street Properties  
Emeryville, CA  
May 1995  
EKI 940018.00  
Figure 1



**Legend:**

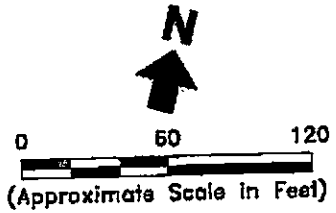
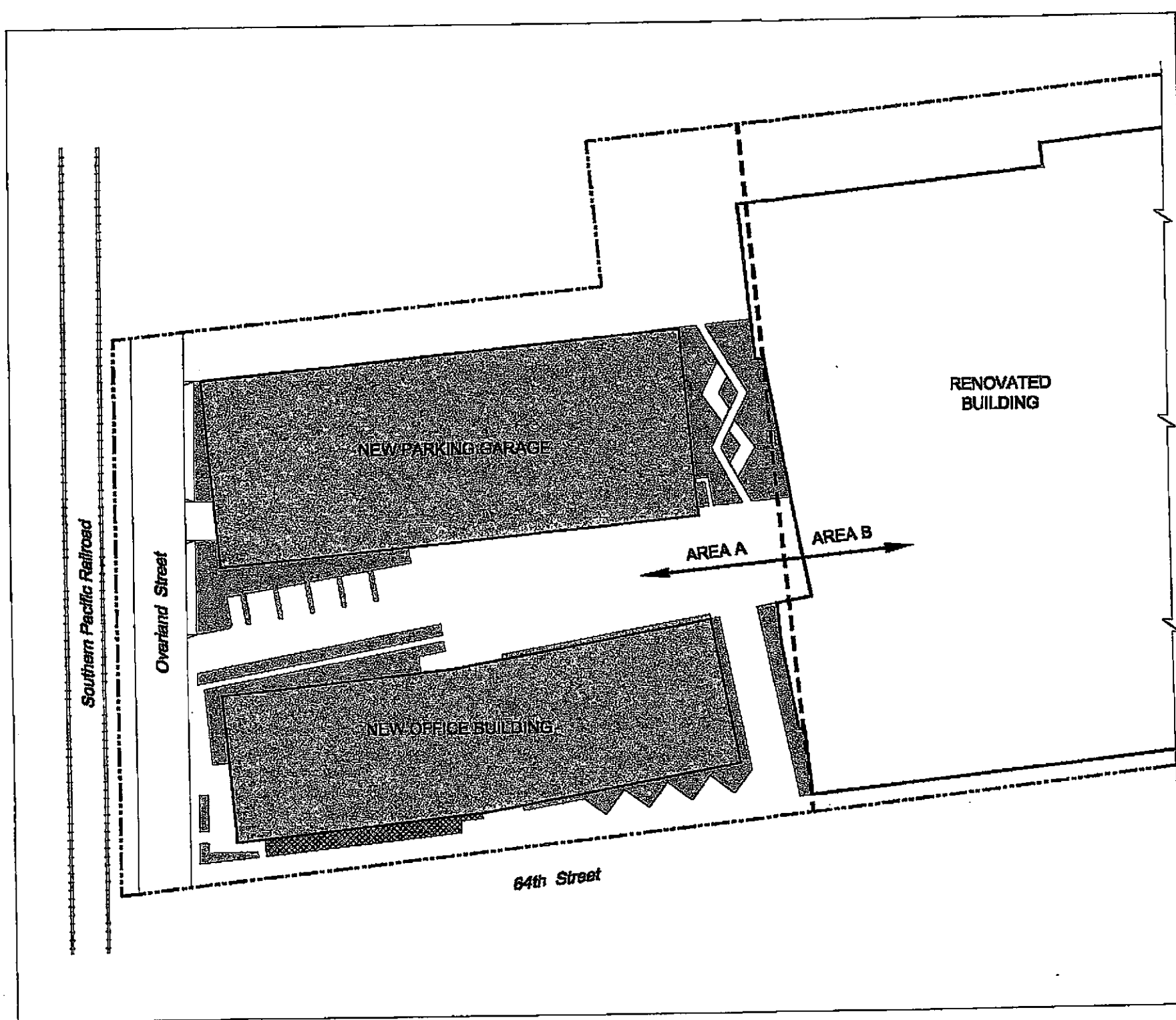
- New Office Building Outline
- Boundary of 64th Street Properties
- Foundation Excavation Designation
- Breathing Zone Hydrogen Sulfide Concentration (PPMV)
- No Reading Recorded

**Notes:**

1. Unless otherwise noted, concentrations were measured by EKI.
2. <sup>\*\*</sup> = EKI reading taken 1/2-2 hours after excavation.
3. <sup>\*\*</sup> = Concentration measured by Enviro Group. Enviro Group instrument measured concentrations greater than or equal to 1 PPMV.
4. Hydrogen sulfide concentration measurements were taken during foundation excavation for the new office building only.

**Erler & Kalinowski, Inc.**

Maximum Breathing Zone Hydrogen Sulfide Concentrations Measured During Construction  
 64th Street Properties  
 Emeryville, CA  
 January 2001  
 EKI 990016.03  
 Figure 3



**LEGEND**

- Boundary of 64th Street Properties
- . - . - . Area A Boundary
- Building Outline
- ==== Railroad Tracks
- Landscape Area
- Landscape Area Which Does Not Have 3 Feet of Clean Cover Everywhere (Note 2)

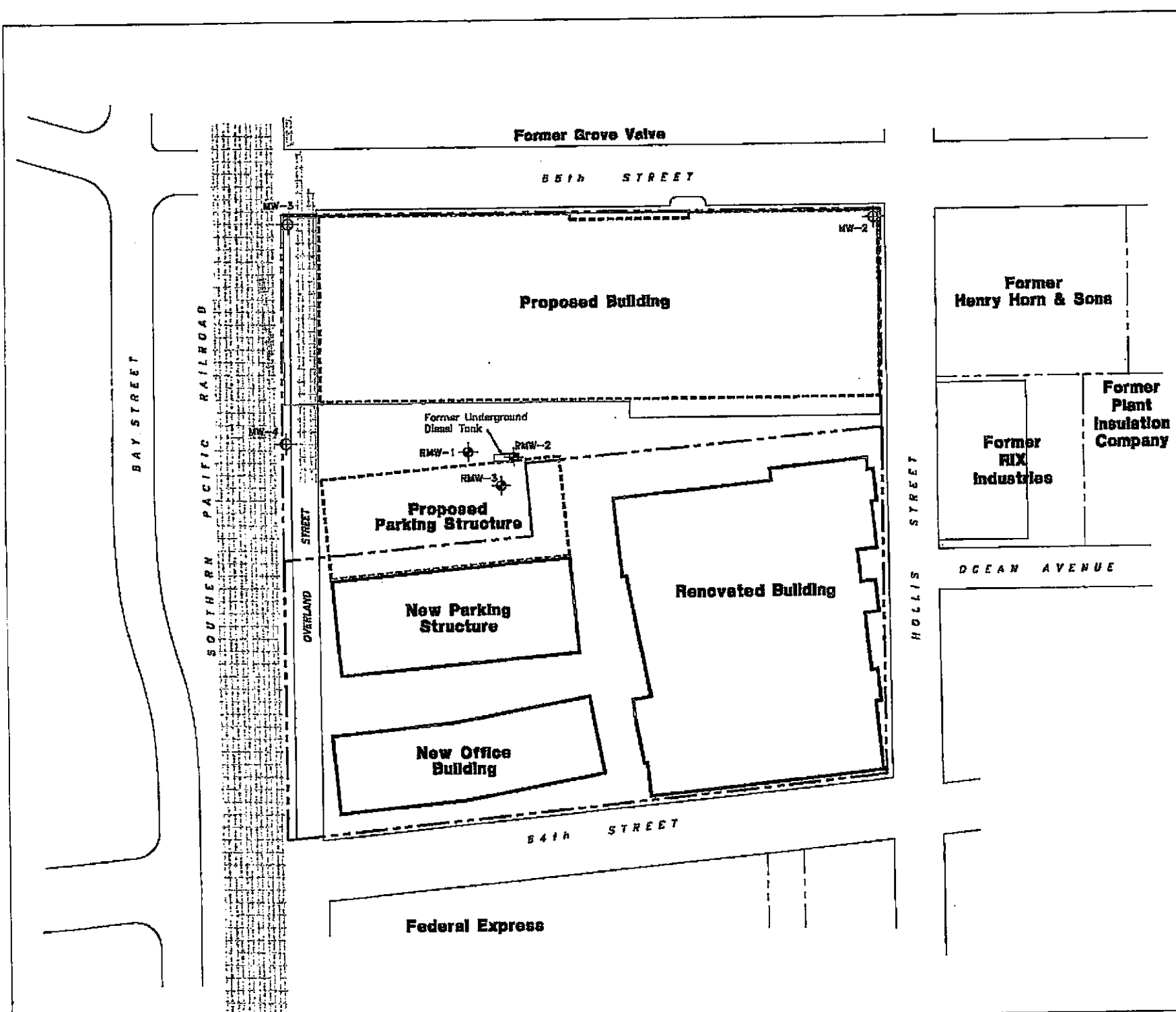
**Notes:**

1. All locations are approximate.
2. Within 2 feet of the edges, clean fill thickness varies between 1 and 3 feet. Clean fill is thinnest at the edge of this landscape area.

**Erler & Kalinowski, Inc.**

Area A Landscape Areas

64th Street Properties  
 Emeryville, CA  
 January 2001  
 EKI 990016.00  
 Figure 4



**LEGEND**

- Railroad Tracks
- Approximate Property Boundary
- Boundary of 64th Street Properties
- Boundary of Ryerson Steel Facility Property
- Future Features (Conceptual Plan)
- Existing Monitoring Well installed by EKI, 1995
- Monitoring Well installed by Others

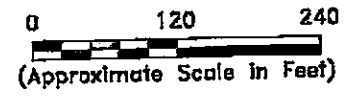
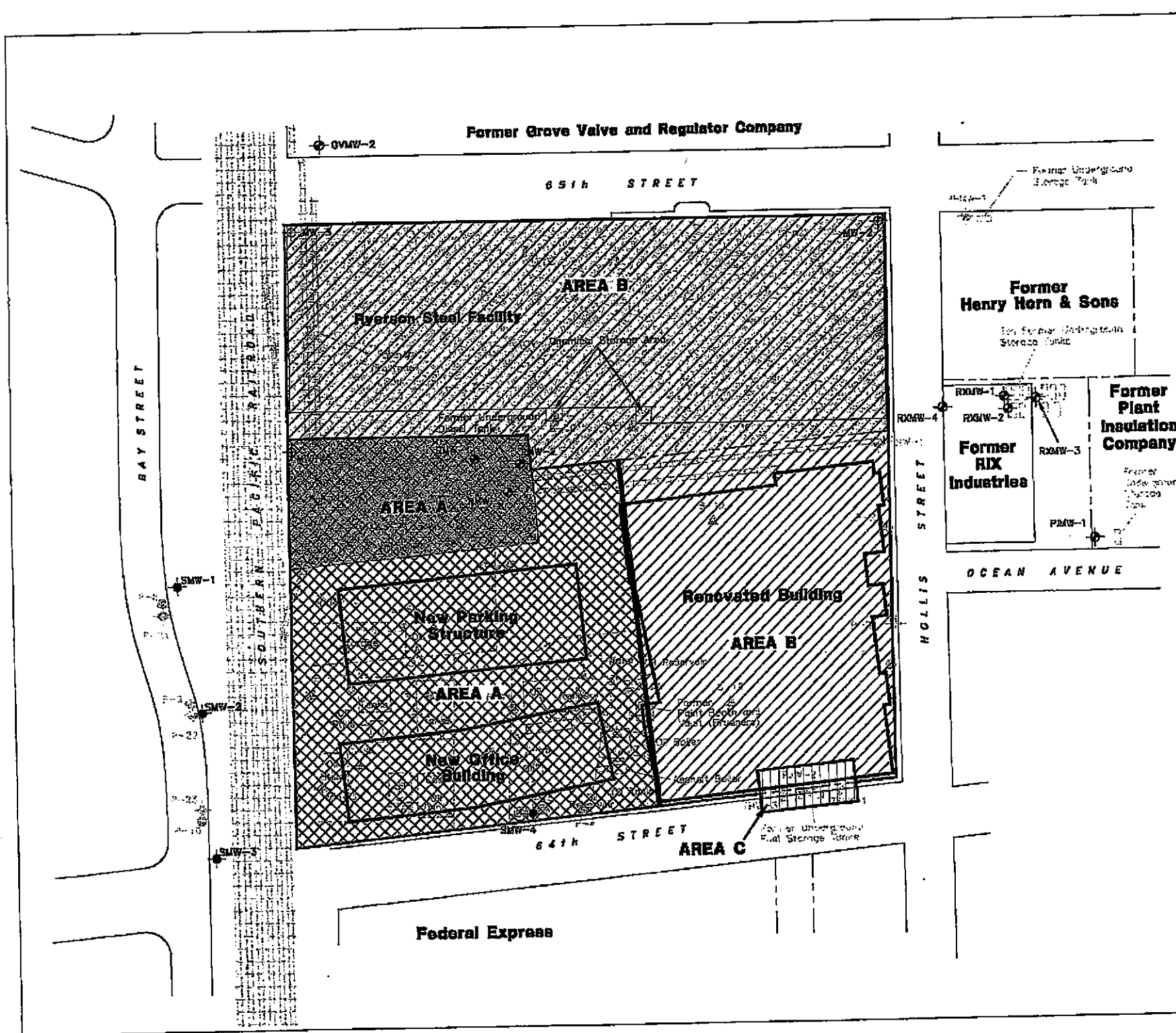
**Notes:**

1. All locations are approximate.

**Erler & Kalinowski, Inc.**

Overlay of Conceptual Plans  
on Current Ryerson Property

Ryerson Property  
Emeryville, CA  
January 2001  
EKI A00084.00  
Figure 5



**LEGEND**

- Railroad Tracks
- Approximate Property Boundary
- Historical Site Features (1911 Sanborn Map)
- Existing Monitoring Well Installed by EKI, 1995
- Monitoring Well Installed by Others
- Proposed Location of Perimeter Monitoring Well
- Shallow Soil Boring Installed by EKI, 1995
- Destroyed Monitoring Well
- Soil and Grab Groundwater Sampling Location Collected by Others
- Soil/Grab Groundwater Sampling Location Collected by EKI, July 1995
- Grab Groundwater Sampling Location Collected by EKI, 1999
- Area-A (Added Area in Color)
- Area-B (Added Area in Color)
- Area-C

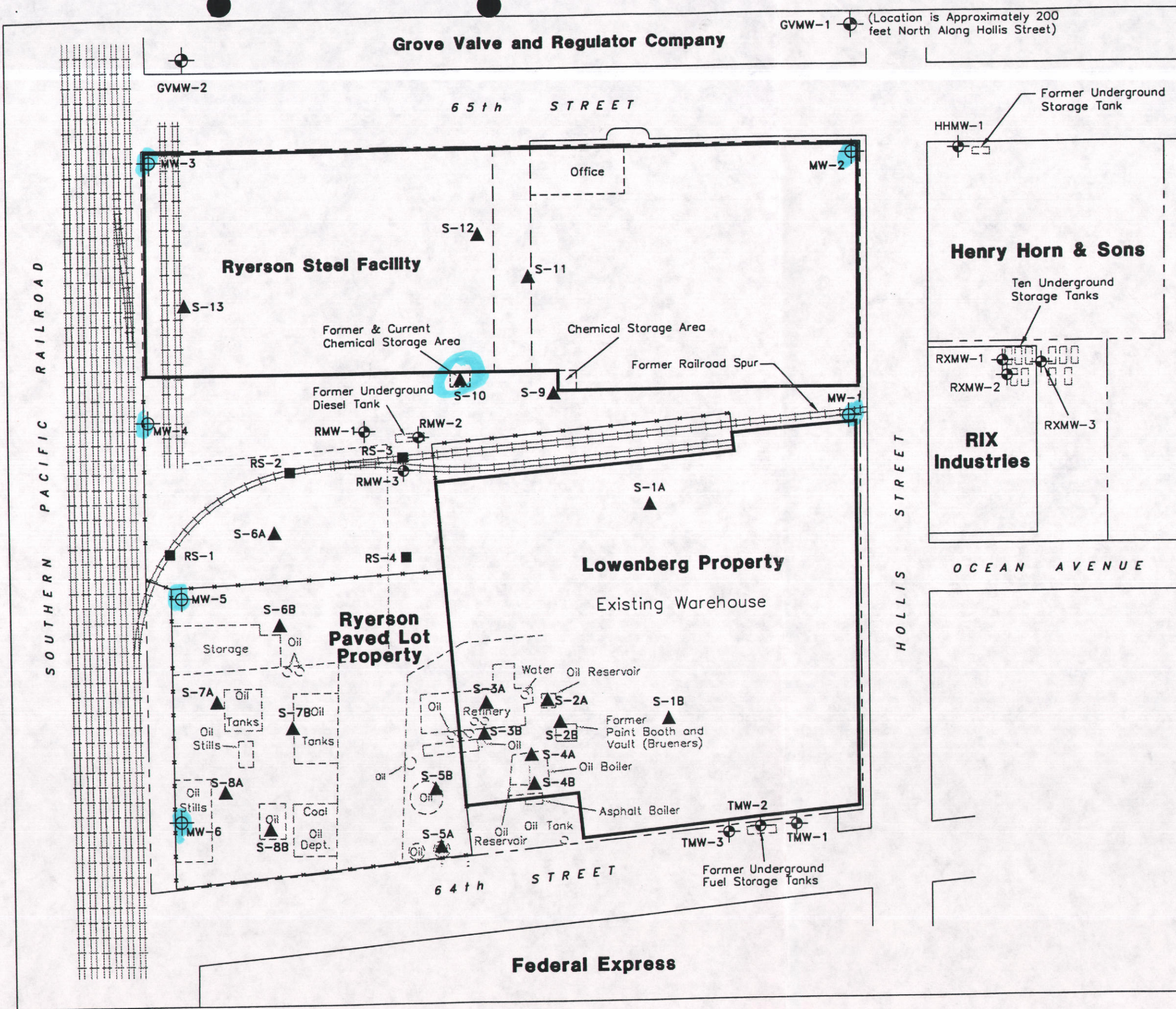
**Notes:**

1. All locations are approximate.
2. Basemap taken from Sanborn maps dated 1911 and 1967.

**Erler & Kalinowski, Inc.**

Soil Management Areas for Earthwork Activities

Ryerson Property  
Emeryville, CA  
January 2001  
EKI A00084.00  
Figure 6



**LEGEND**

- Railroad Tracks
- Approximate Property Boundary
- Historical Site Features (1911 Sanborn Map)
- Monitoring Well Installed by EKI
- Shallow Soil Boring Installed by EKI
- Monitoring Well Installed by Others
- Soil and Grab Groundwater Sampling Location Collected by Others

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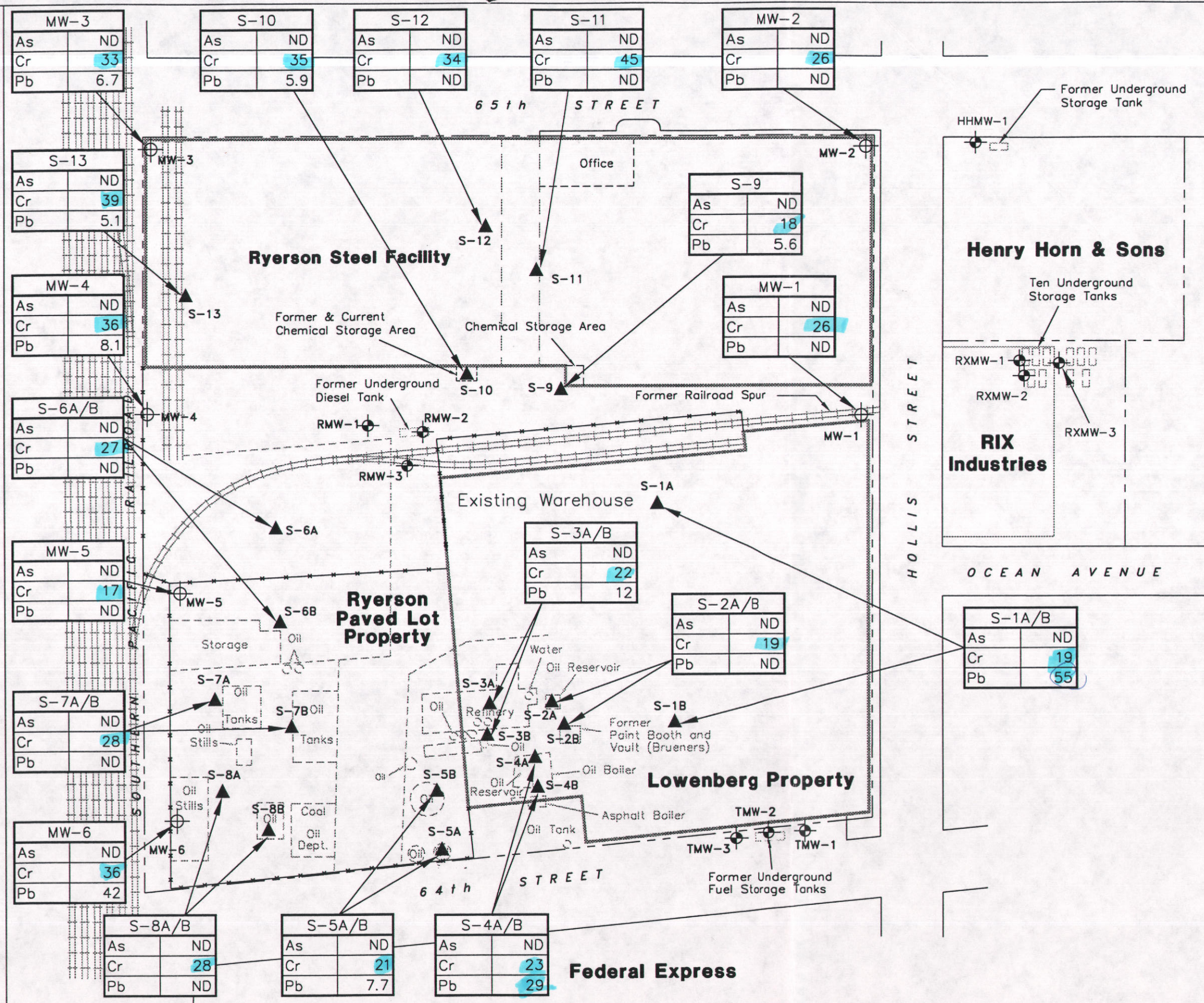
**Notes:**

- All locations are approximate.
- Basemap taken from Sanborn maps dated 1911 and 1967.

Erler & Kalinowski, Inc.

Site Plan

64th & 65th Street Properties  
Emeryville, CA  
May 1995  
EKI 940018.00  
Figure 2R



**N**

0 100 200  
(Approximate Scale in Feet)

**LEGEND**

- Railroad Tracks
- Approximate Property Boundary
- Historical Site Features (1911 Sanborn Map)
- Monitoring Well Installed by EKI
- Shallow Soil Boring Installed by EKI
- Monitoring Well Installed by Others

As Arsenic Concentration (mg/kg)  
 Pb Lead Concentration (mg/kg)  
 Cr Chromium Concentration (mg/kg)  
 ND Not Detected

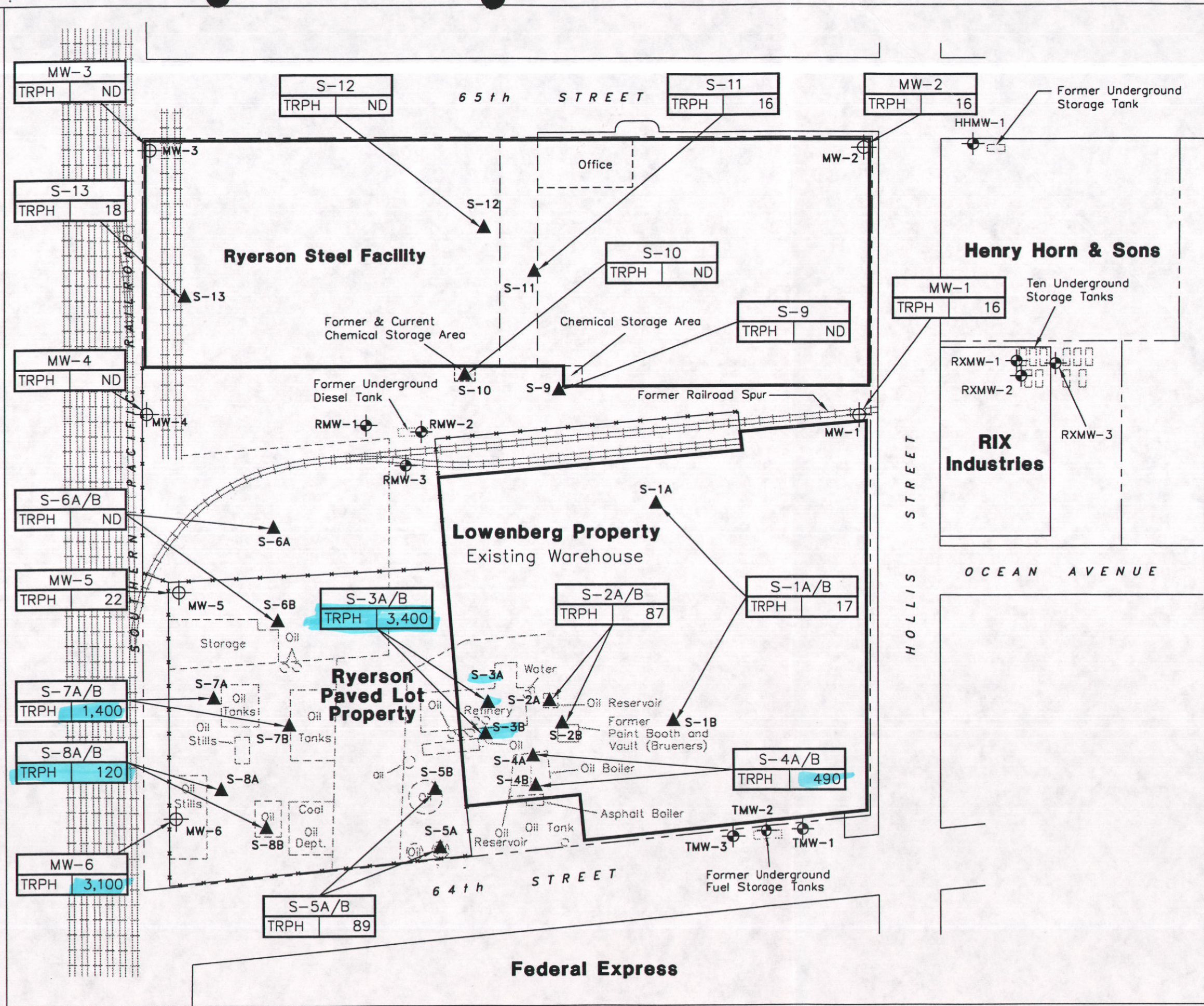
**Notes:**

1. All locations are approximate.
2. Basemap taken from Sanborn maps dated 1911 and 1967.
3. Samples collected 6-9 March 1995.
4. Samples with the suffix A/B were composited from the two locations indicated.

**Erler & Kalinowski, Inc.**

Concentrations of Arsenic, Chromium, and Lead in Soil

64th & 65th Street Properties  
 Emeryville, CA  
 May 1995  
 EKI 940018.00  
 Figure 3



**N**

0 100 200  
(Approximate Scale in Feet)

**LEGEND**

- Railroad Tracks
- Approximate Property Boundary
- Historical Site Features (1911 Sanborn Map)
- Monitoring Well Installed by EKI
- Shallow Soil Boring Installed by EKI
- Monitoring Well Installed by Others
- TRPH Total Recoverable Petroleum Hydrocarbons Concentration (mg/kg)

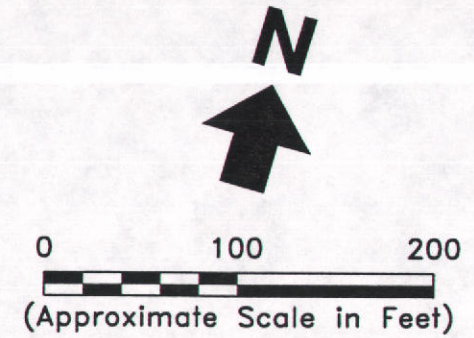
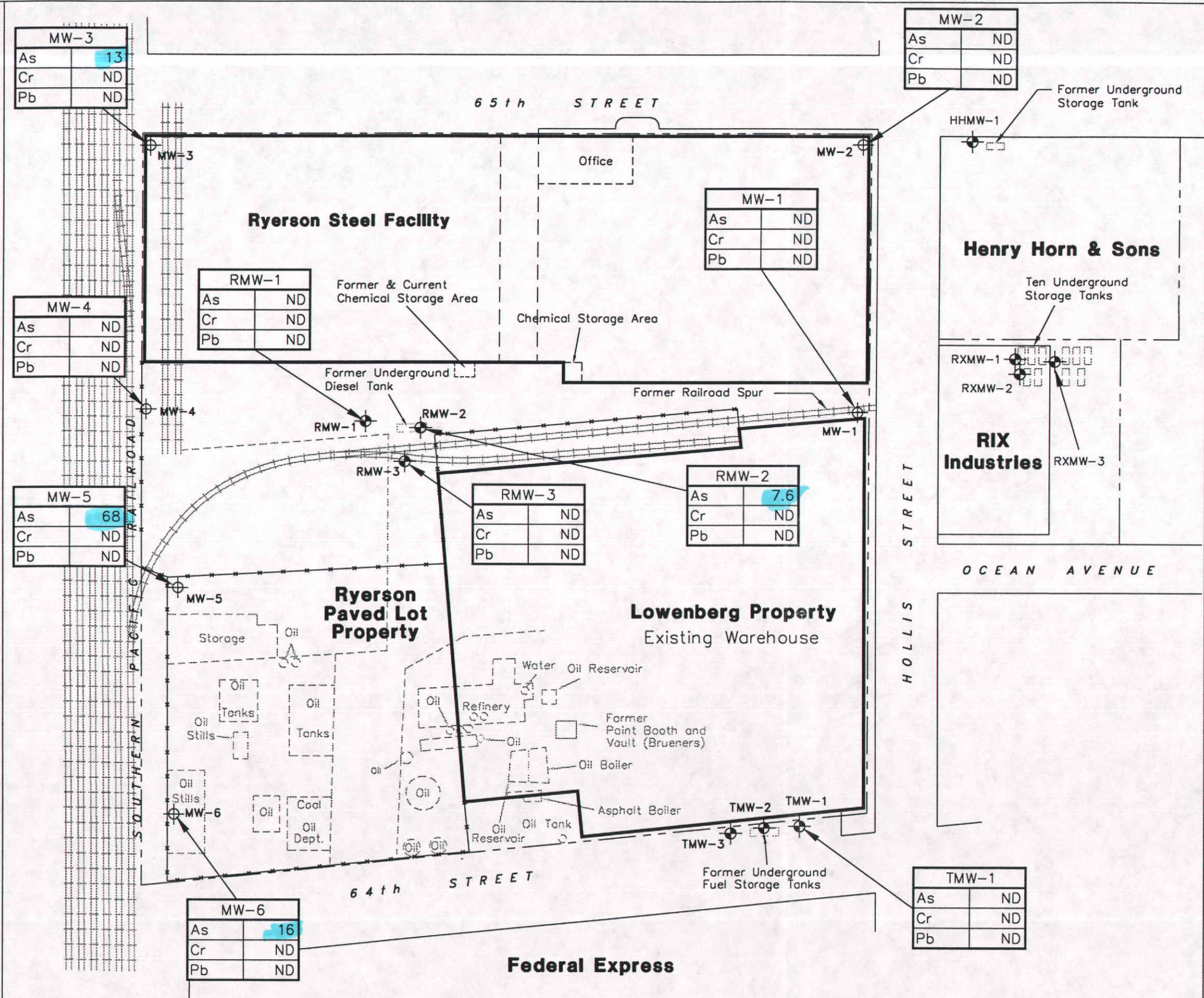
**Notes:**

- All locations are approximate.
- Basemap taken from Sanborn maps dated 1911 and 1967.
- Samples collected 6-9 March 1995.
- Total Recoverable Petroleum Hydrocarbons analyzed using EPA Method 4181.
- Samples with the suffix A/B were composited from the two locations indicated.

**Erler & Kalinowski, Inc.**

Concentrations of Total Recoverable Petroleum Hydrocarbons in Soil  
64th & 65th Street Properties  
Emeryville, CA  
May 1995  
EKI 940018.00  
Figure 4





**LEGEND**

- Railroad Tracks
- Approximate Property Boundary
- Historical Site Features (1911 Sanborn Map)
- Monitoring Well Installed by EKI
- Monitoring Well Installed by Others
- As Arsenic Concentration (ug/L)
- Pb Lead Concentration (ug/L)
- Cr Chromium Concentration (ug/L)
- ND Not Detected

**Notes:**

1. All locations are approximate.
2. Basemap taken from Sanborn maps dated 1911 and 1967.
3. Samples collected 23-28 March 1995.

**Erler & Kalinowski, Inc.**

**Concentrations of Arsenic, Chromium, and Lead in Groundwater**  
 64th & 65th Street Properties  
 Emeryville, CA  
 May 1995  
 EKI 940018.00  
 Figure 5

MW-3	Mar 95
TEPH	150
TPPH	ND

MW-2	Mar 95
TEPH	260
TPPH	71

MW-4	Mar 95
TEPH	190
TPPH	ND

RMW-1	Mar 95
TEPH	210
TPPH	ND

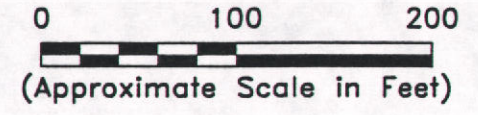
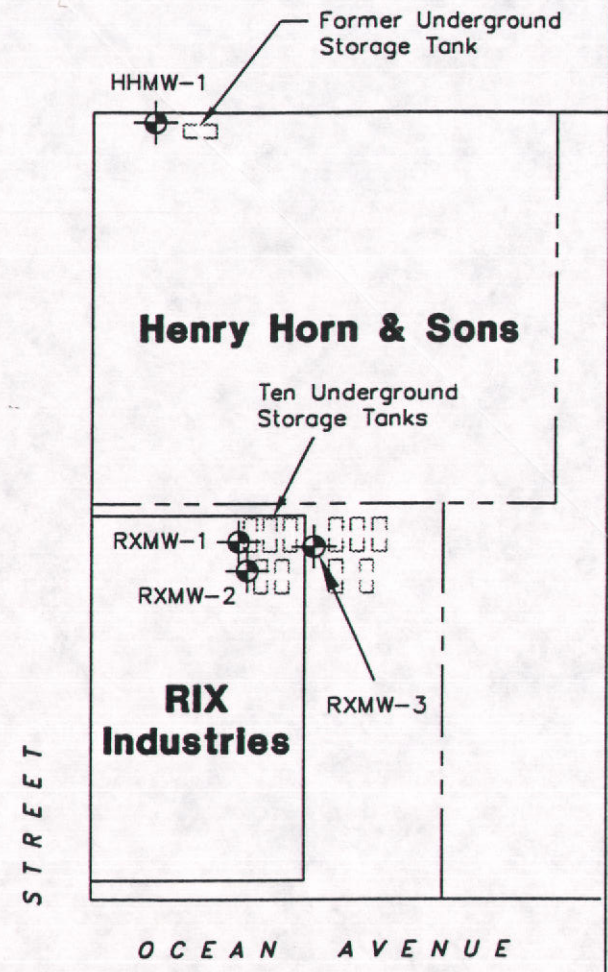
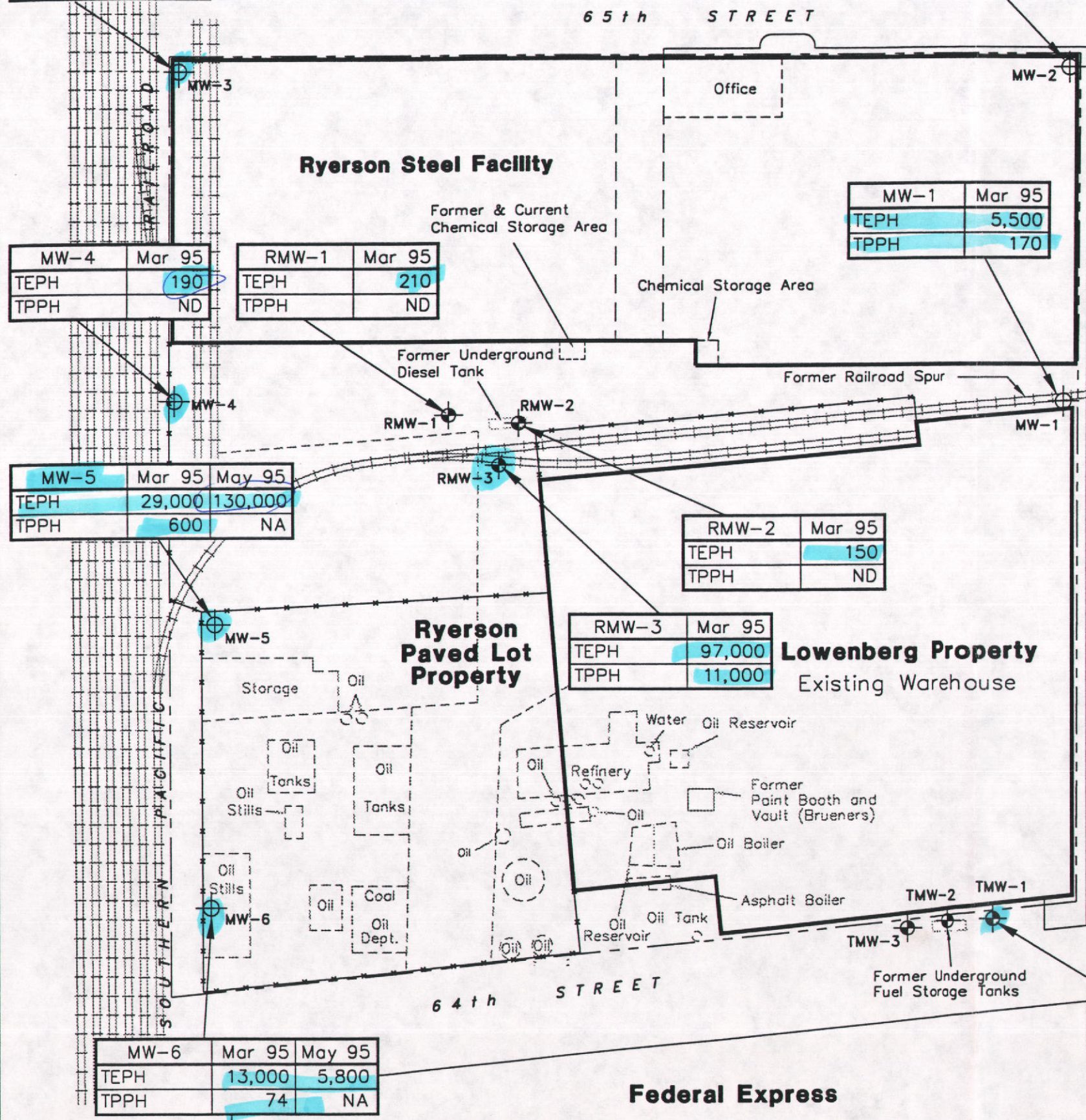
MW-1	Mar 95
TEPH	5,500
TPPH	170

MW-5	Mar 95	May 95
TEPH	29,000	130,000
TPPH	600	NA

RMW-2	Mar 95
TEPH	150
TPPH	ND

RMW-3	Mar 95
TEPH	97,000
TPPH	11,000

TMW-1	Mar 95
TEPH	330
TPPH	100



**LEGEND**

- Railroad Tracks
- Approximate Property Boundary
- Historical Site Features (1911 Sanborn Map)
- Monitoring Well Installed by EKI
- Monitoring Well Installed by Others
- TEPH Total Extractable Petroleum Hydrocarbons (ug/L)
- TPPH Total Purgeable Petroleum Hydrocarbons (ug/L)
- ND Not Detected
- NA Not Analyzed

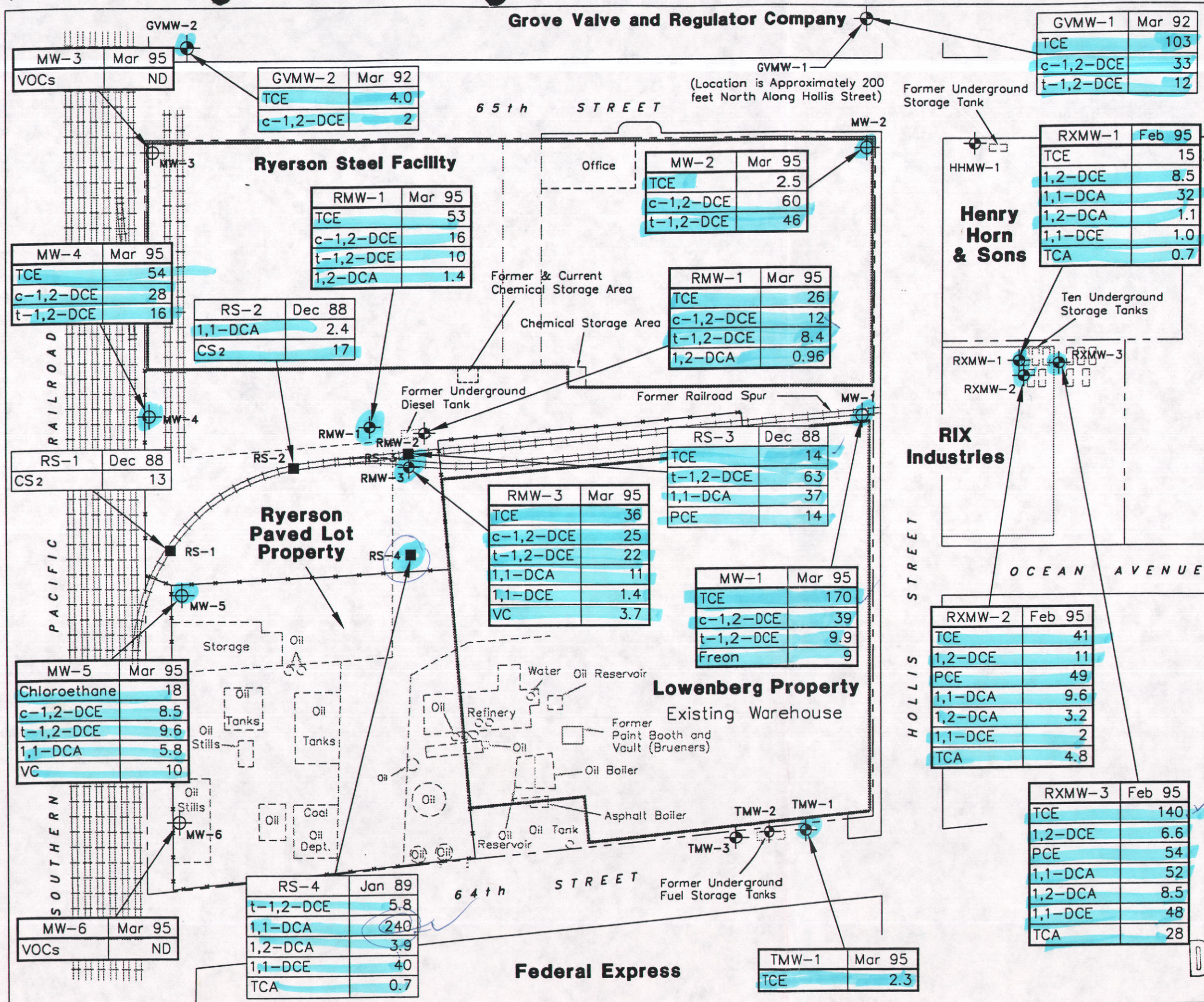
**Notes:**

1. All locations are approximate.
2. Basemap taken from Sanborn maps dated 1911 and 1967.
3. Samples collected 23-28 March 1995.
4. TEPH and TRPH quantified using EPA Method 8015m.

**Erler & Kalinowski, Inc.**

Concentrations of Petroleum Hydrocarbons in Groundwater  
 64th & 65th Street Properties  
 Emeryville, CA  
 May 1995  
 EKI 940018.00  
 Figure 6R

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**LEGEND**

- Railroad Tracks
- Approximate Property Boundary
- Historical Site Features (1911 Sanborn Map)
- Monitoring Well Installed by EKI
- Monitoring Well Installed by Others
- Grab Groundwater Samples Collected by Transvere Group
- VOCs
- c-1,2-DCE
- t-1,2-DCE
- 1,2-DCE
- TCE
- Freon
- 1,2-DCA
- 1,1-DCA
- 1,1-DCE
- PCE
- TCA
- VC
- CS2
- ND

Volatile Organic Compounds  
 cis-1,2-dichloroethene (ug/L)  
 trans-1,2-dichloroethene (ug/L)  
 Total 1,2-dichloroethene (ug/L)  
 trichloroethene (ug/L)  
 Freon 113 (ug/L)  
 1,2-dichloroethane (ug/L)  
 1,1-dichloroethane (ug/L)  
 1,1-dichloroethene (ug/L)  
 tetrachloroethene (ug/L)  
 1,1,1-Trichloroethane (ug/L)  
 Vinyl Chloride (ug/L)  
 Carbon Disulfide (ug/L)  
 Not Detected

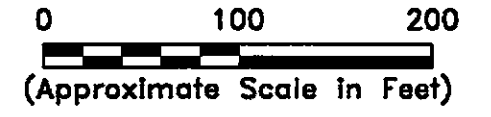
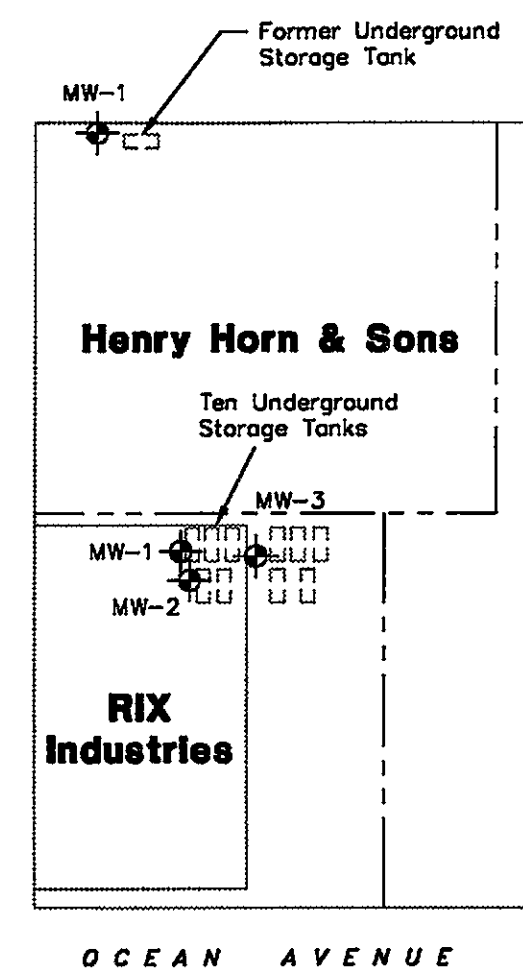
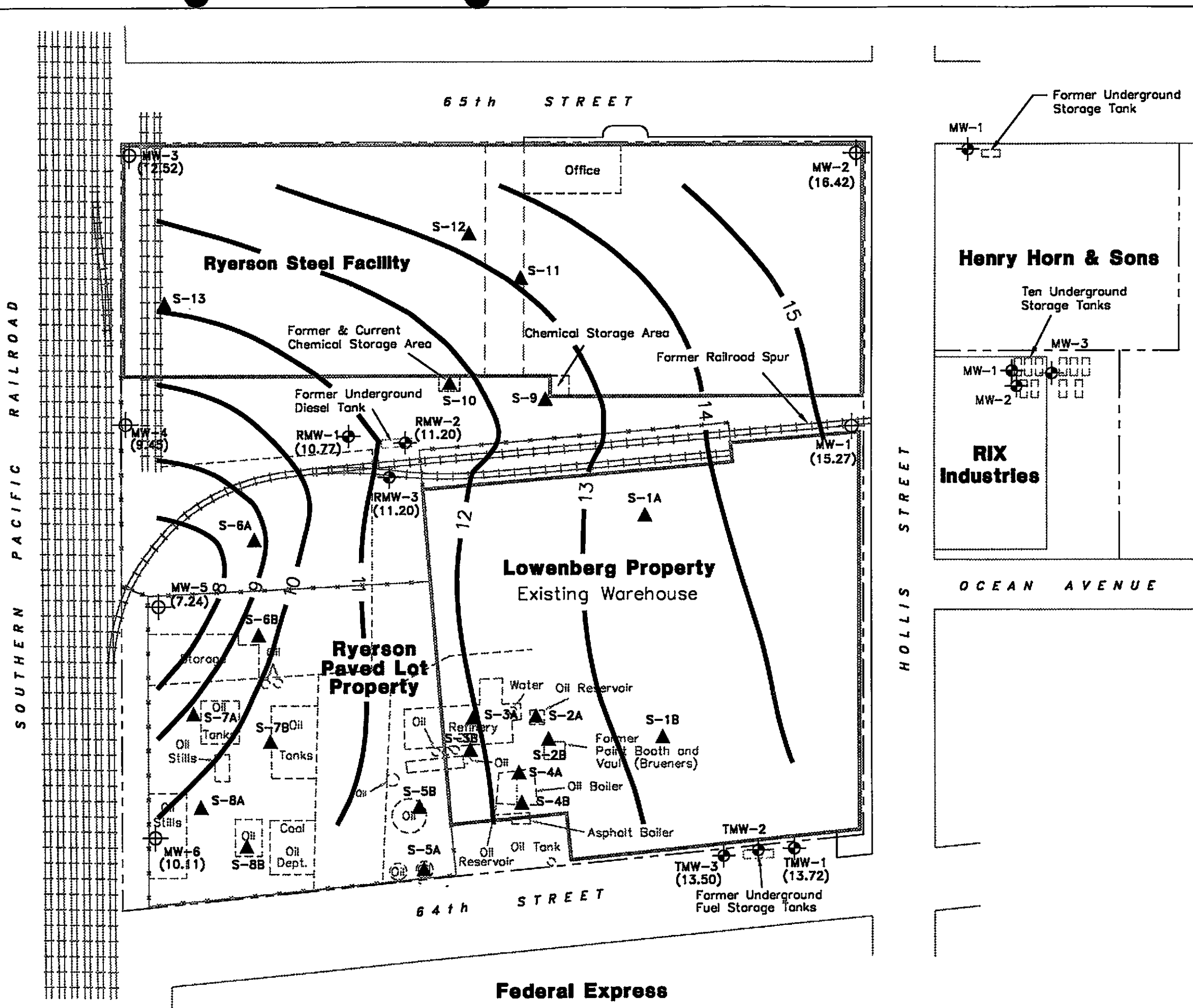
- Notes:**
- All locations are approximate.
  - Basemap taken from Sanborn maps dated 1911 and 1967.
  - Boxes indicated in bold represent data from samples collected in February/March 1995.

# Erler & Kalinowski, Inc.

## Concentrations of Selected VOCs Detected in Groundwater

64th & 65th Street Properties  
 Emeryville, CA  
 May 1995  
 EKI 940018.00  
 Figure 7R

**DRAFT**



**LEGEND**

- Railroad Tracks
- Approximate Property Boundary
- Historical Site Features (1911 Sanborn Map)
- Monitoring Well Installed by EKI
- Shallow Soil Boring Installed by EKI
- Monitoring Well Installed by Others
- Groundwater Elevation Contours

**Notes:**

1. All locations are approximate.

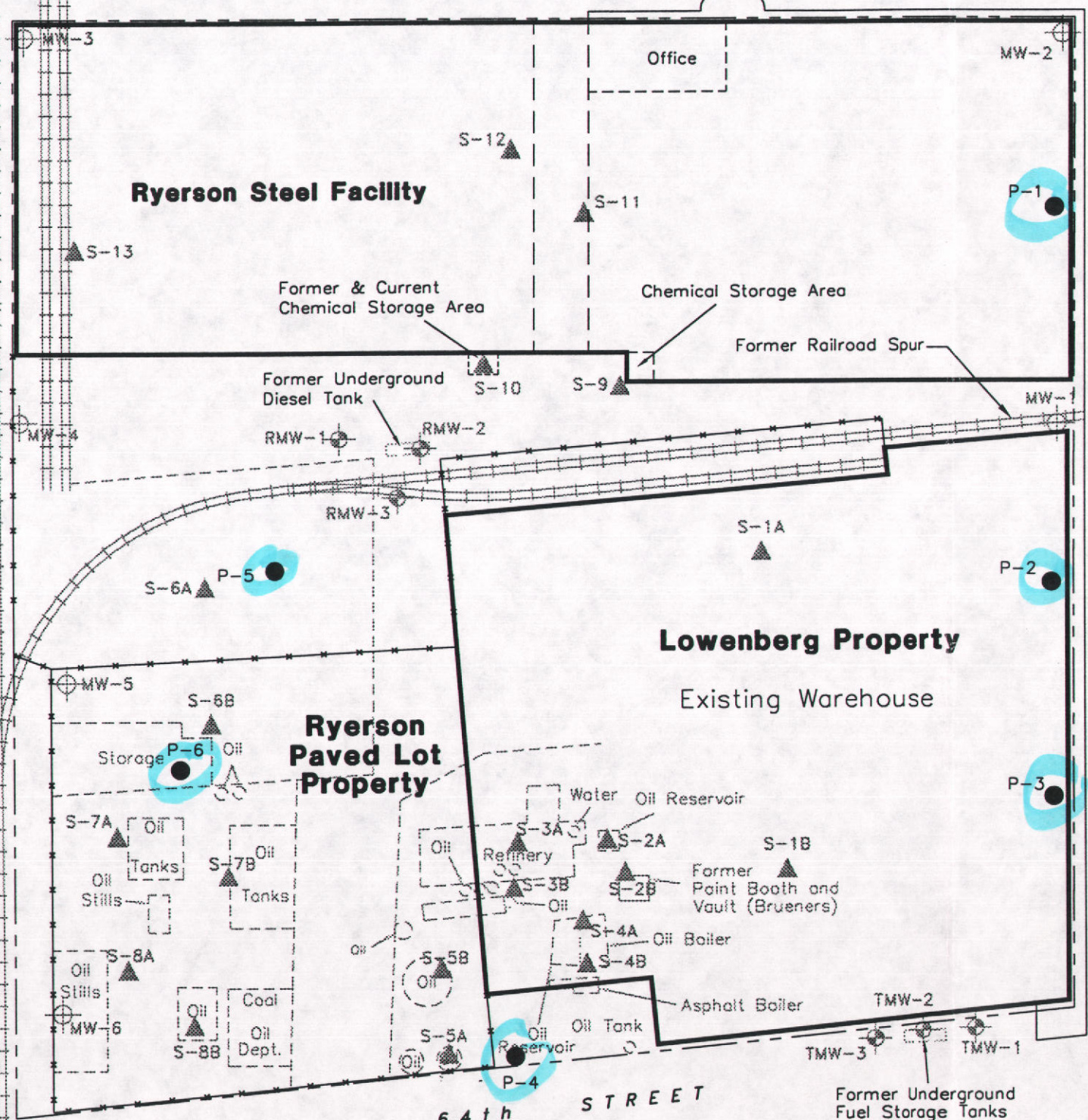
**Erler & Kalinowski, Inc.**

Groundwater Elevation Contours

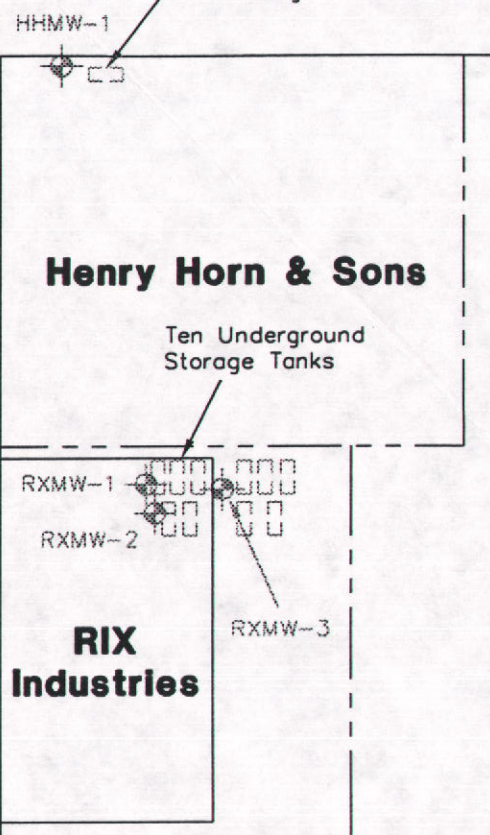
64th & 65th Street Properties  
 Emeryville, CA  
 May 1995  
 EKI 940018.00  
 Figure 8

65th STREET

SOUTHERN PACIFIC RAILROAD

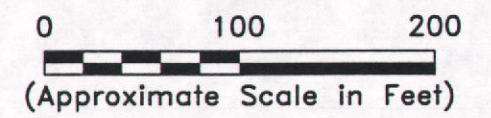


Former Underground Storage Tank



HOLLIS STREET

OCEAN AVENUE



**LEGEND**

- Railroad Tracks
- Approximate Property Boundary
- Historical Site Features (1911 Sanborn Map)
- Monitoring Well Installed by EKI
- Shallow Soil Boring by EKI
- Monitoring Well Installed by Others
- Proposed Piezometer Location

**Notes:**

1. All locations are approximate.

**Erler & Kalinowski, Inc.**

Location of Proposed Piezometers

64th & 65th Street Properties  
Emeryville, CA  
May 1995  
EKI 940018.00  
Figure 9