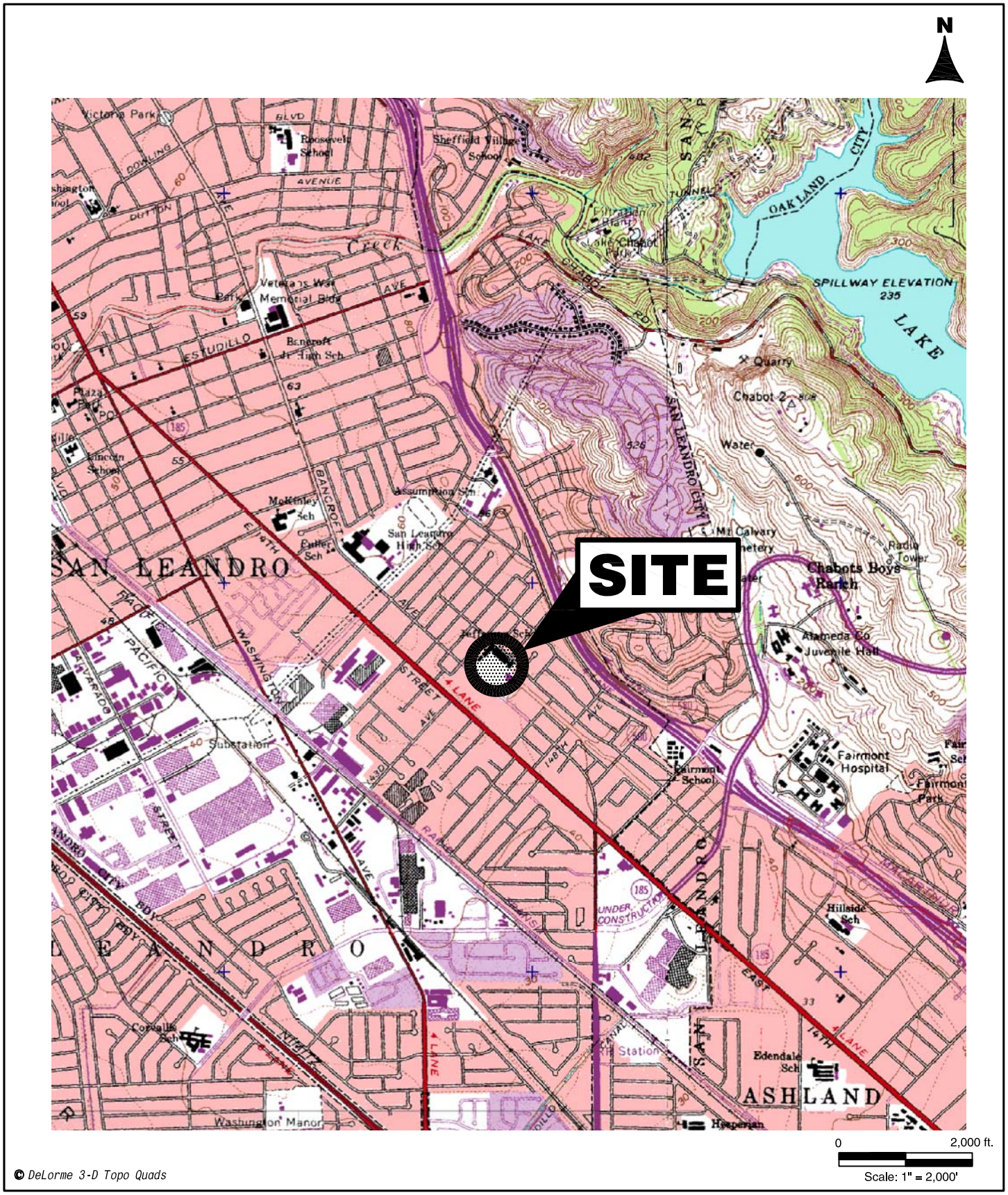

© DeLorme 3-D Topo Quads

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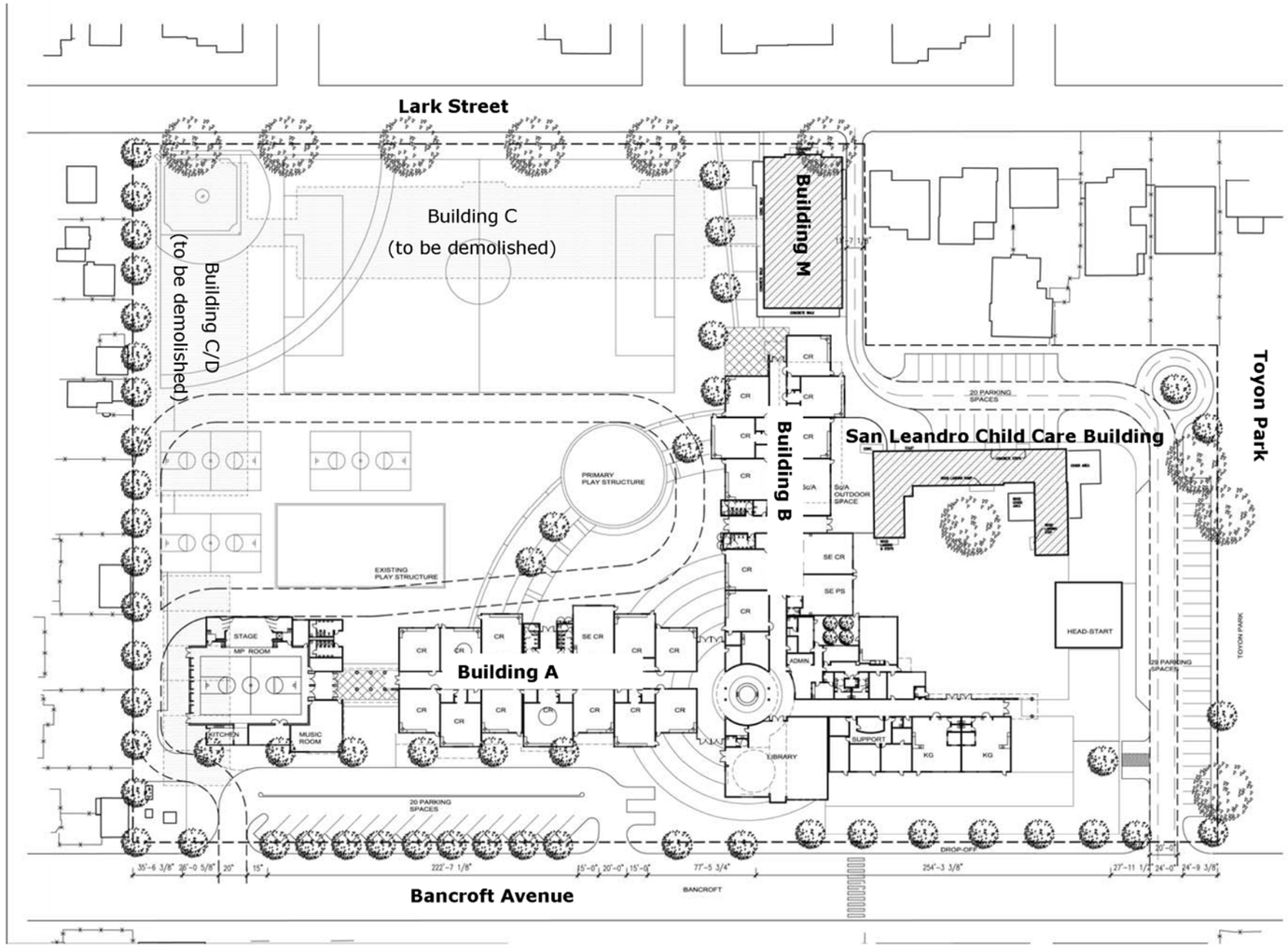
VICINITY MAP

JEFFERSON ELEMENTARY SCHOOL
San Leandro, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 1
2074-1A



0 100 ft.

Scale: 1" = 100'

SITE DEVELOPMENT PLAN

JEFFERSON ELEMENTARY SCHOOL
San Leandro, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 2

2074-1A

Base by Unknown.

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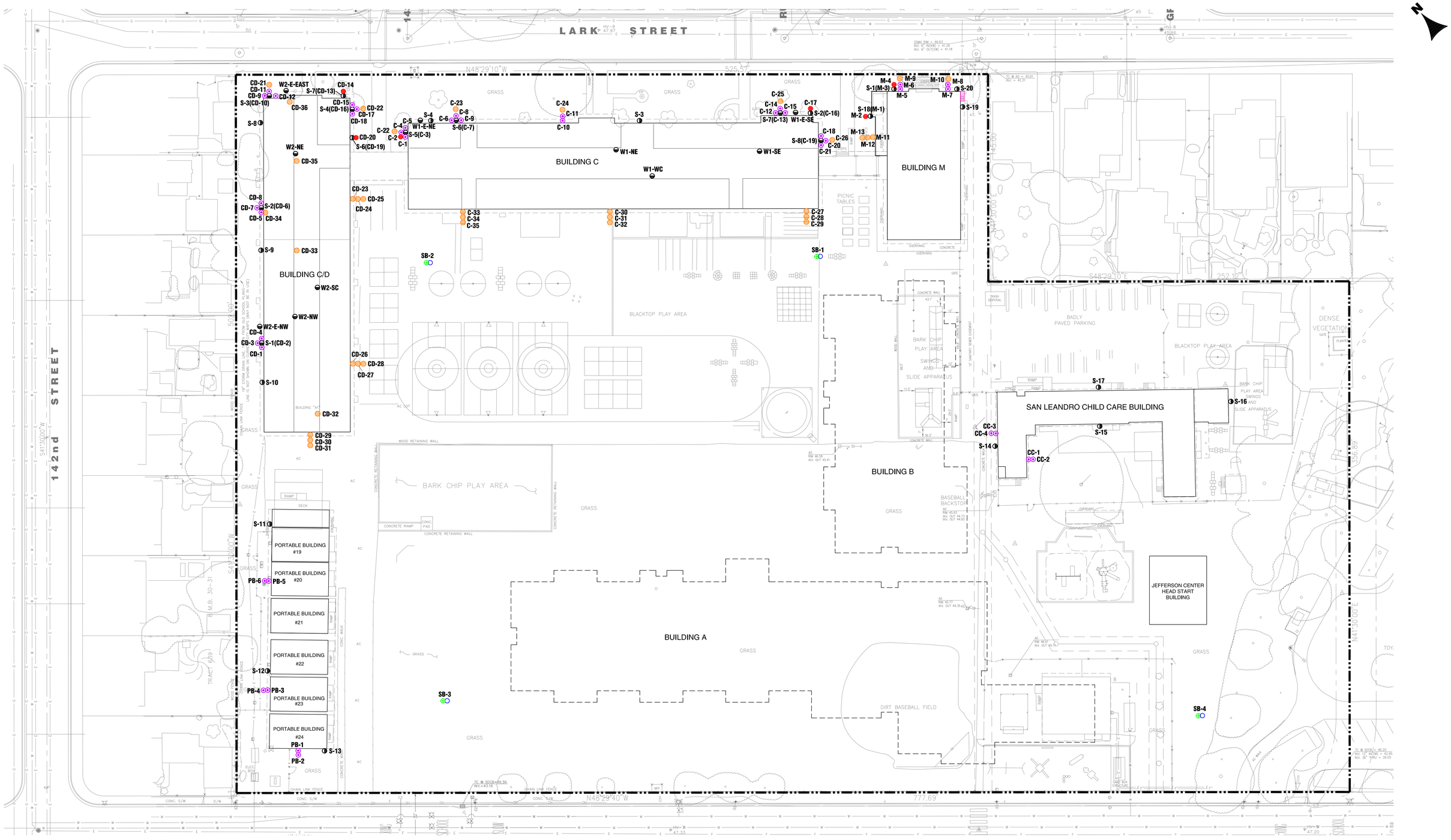


LEGEND

- Approximate location of additional soil samples for pesticides (January 2005)
- Approximate soil sampling location for pesticides (November 2004)
- Approximate soil sampling location for lead-impacted soil (November 2004)
- Approximate location of previous soil samples for lead (Kleinfelder, 5-18-01)
- Approximate location of previous soil samples for pesticides (Winzler and Kelly)
- Approximate soil sampling location for naturally-occuring asbestos (November 2004)
- Approximate soil sampling location for background metals (November 2004)

Base by Unknown.

2/05/EB

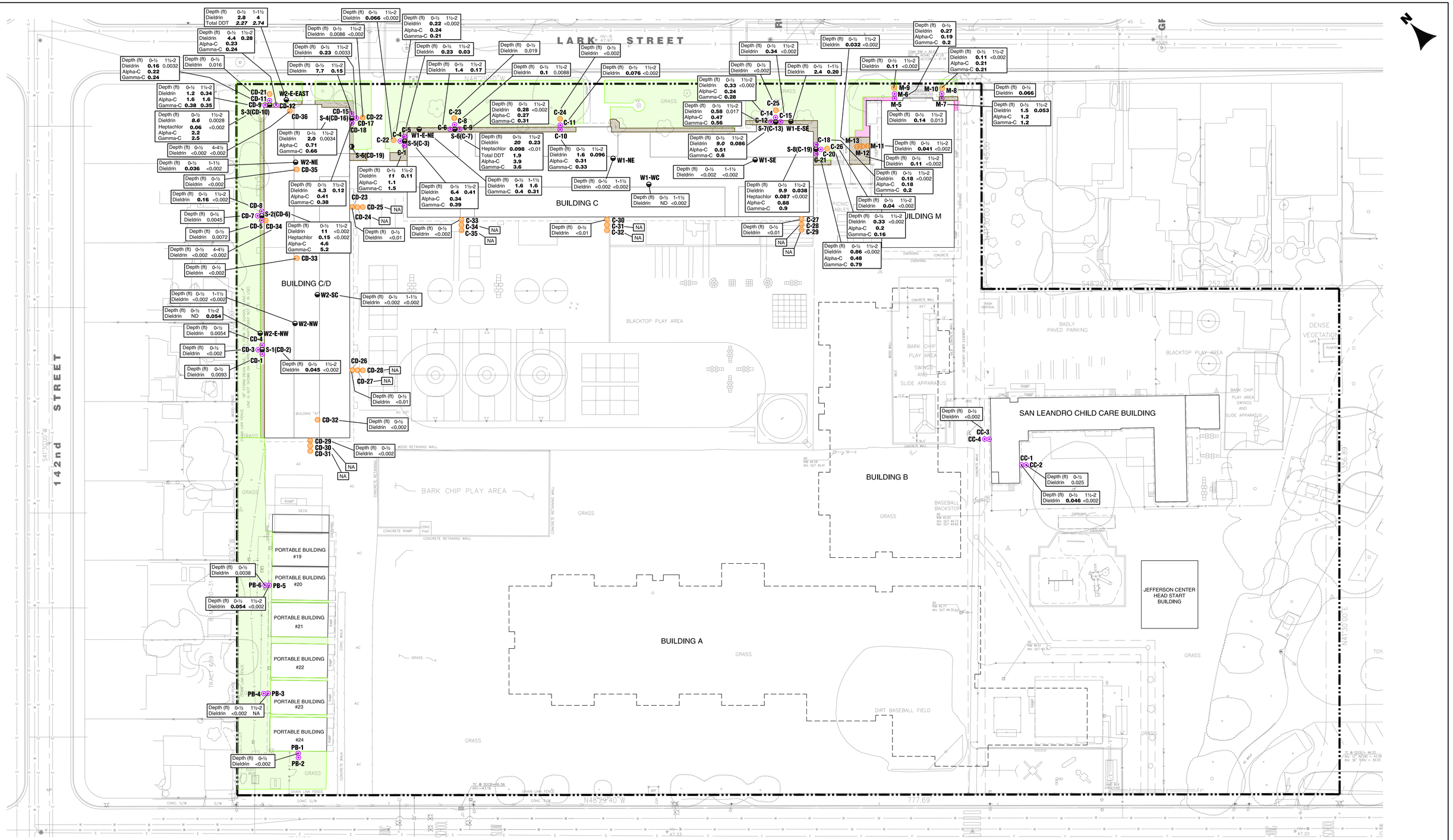
SITE SAMPLING PLAN

JEFFERSON ELEMENTARY SCHOOL
San Leandro, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 3

2074-1A



LEGEND

- Approximate location of additional soil samples for pesticides (January 2005)
- Approximate soil sampling location for pesticides (November 2004)
- Approximate location of previous soil samples for pesticides (Winzler and Kelly)

NA - Not analyzed
Heptachlor - Heptachlor epoxide
Alpha-C - Alpha chlordane
Gamma-C - Gamma chlordane

- 3-inch concrete slab
- Plastic sheeting and 3-inch wood chip cover
- Landscaping/grass area

Concentrations in parts per million (ppm)

BOLD exceeds the site-specific risk-based remediation goal

Notes:

1) Italicized concentrations exceed their respective total threshold limit concentration (TTLC)

2) Concentrations of total DDT, heptachlor epoxide, alpha chlordane, and gamma chlordane only shown where RBGs were exceeded

Scale 0 30 60 feet

Base by Unknown.

2/05"EB

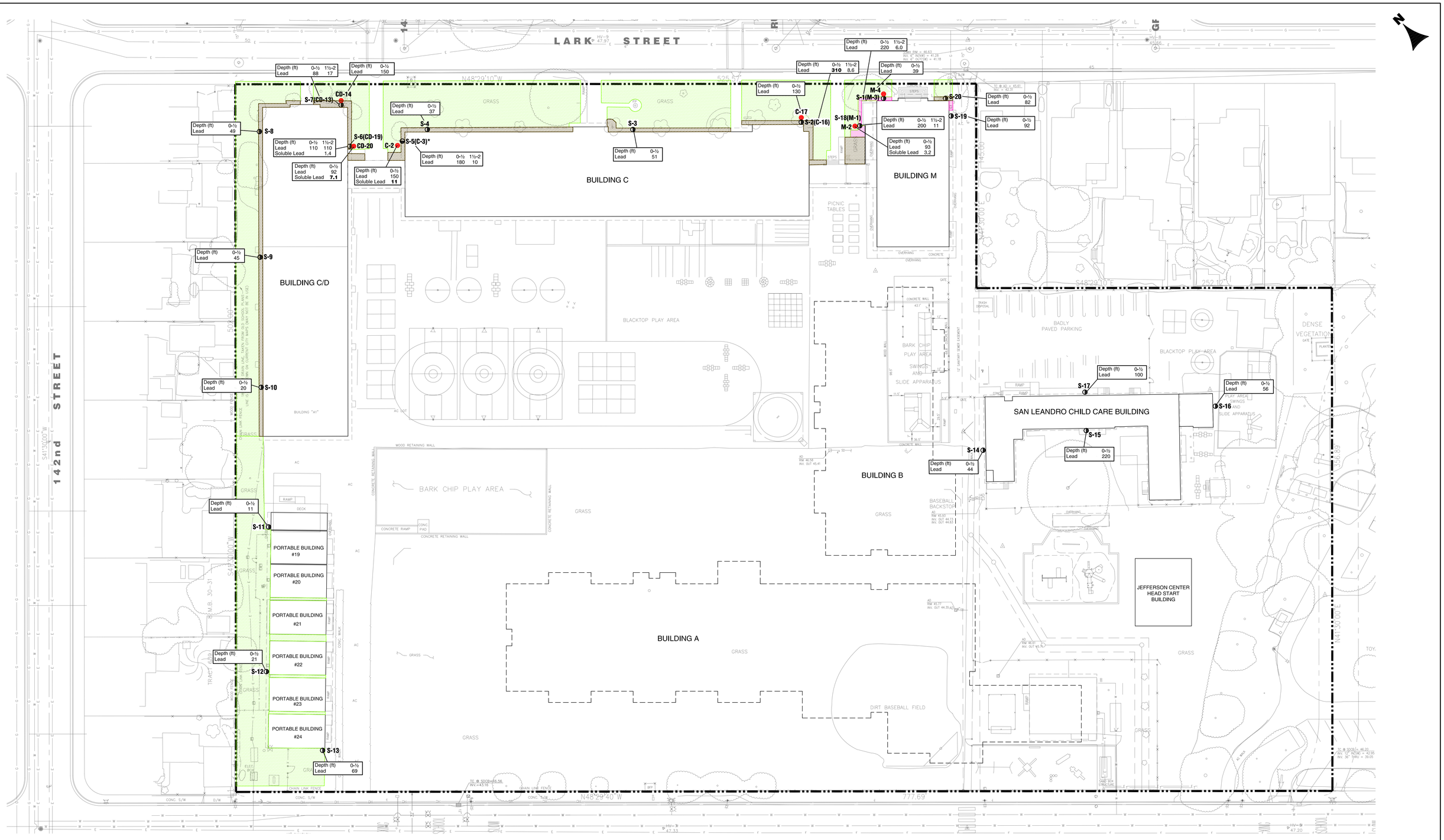
PESTICIDE RESULTS FOR SHALLOW SOIL

JEFFERSON ELEMENTARY SCHOOL
San Leandro, California

LOVNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 4

2074-1A



LEGEND

- ● - Approximate location of soil samples for lead-impacted soil (November 2004)
- ◑ - Approximate location of previous soil samples for lead (Kleinfelder, 5-18-01)

Concentrations in parts per million (ppm)

BOLD exceeds DTSC Screening Level (255 ppm) or hazardous waste threshold for soluble lead (5 mg/l)

- 3-inch concrete slab
- Plastic sheeting and 3-inch wood chip cover
- Landscaping/grass area

Note:
Soluble lead concentrations shown on the figure are in mg/l. Bold concentrations exceed the soluble threshold limit concentration (STLC) which designates a waste as hazardous.

* Approximate location for lead by other (Kleinfelder)

0 30 60
Scale feet

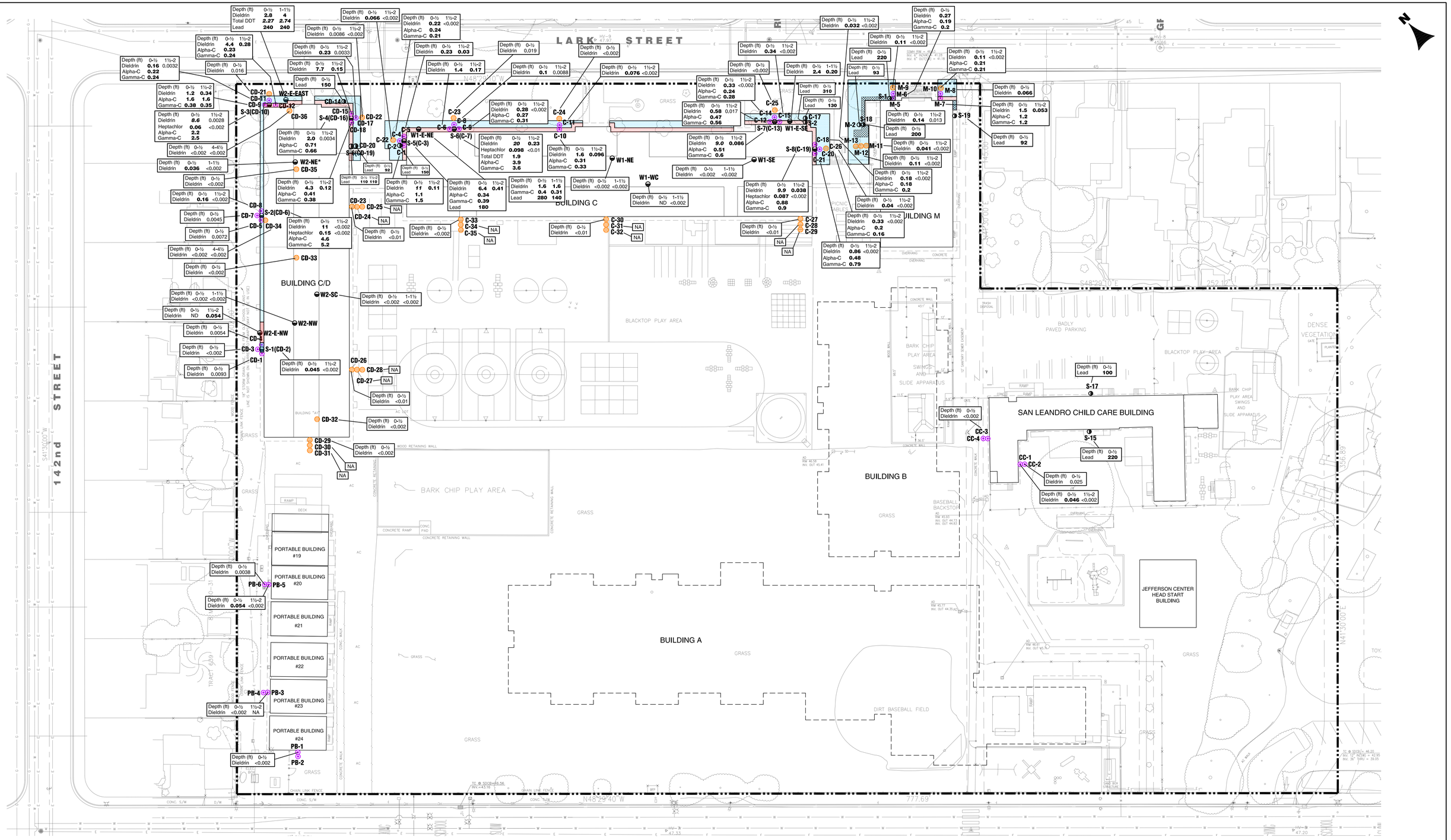
Base by Unknown.

12/04"EB

LEAD RESULTS FOR SHALLOW SOIL
JEFFERSON ELEMENTARY SCHOOL
San Leandro, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 5
2074-1A



LEGEND

- Approximate location of additional soil samples for pesticides (January 2005)
- Approximate soil sampling location for pesticides (November 2004)
- Approximate location of previous soil samples for pesticides (Winzler and Kelly)
- Approximate location of previous soil samples for lead

NA - Not analyzed
Heptachlor - Heptachlor epoxide
Alpha-C - Alpha chlordane
Gamma-C - Gamma chlordane

- 3-foot excavation depth
- 1½-foot excavation depth
- 3-inch concrete slab

Concentrations in parts per million (ppm)

BOLD exceeds the site-specific risk-based remediation goal

Notes:

1) Italicized dieldrin and total DDT concentrations exceed their total threshold limit concentrations (TTLC) for designation as a potential hazardous waste

2) 3-inch concrete slab will be removed in the proposed excavation areas

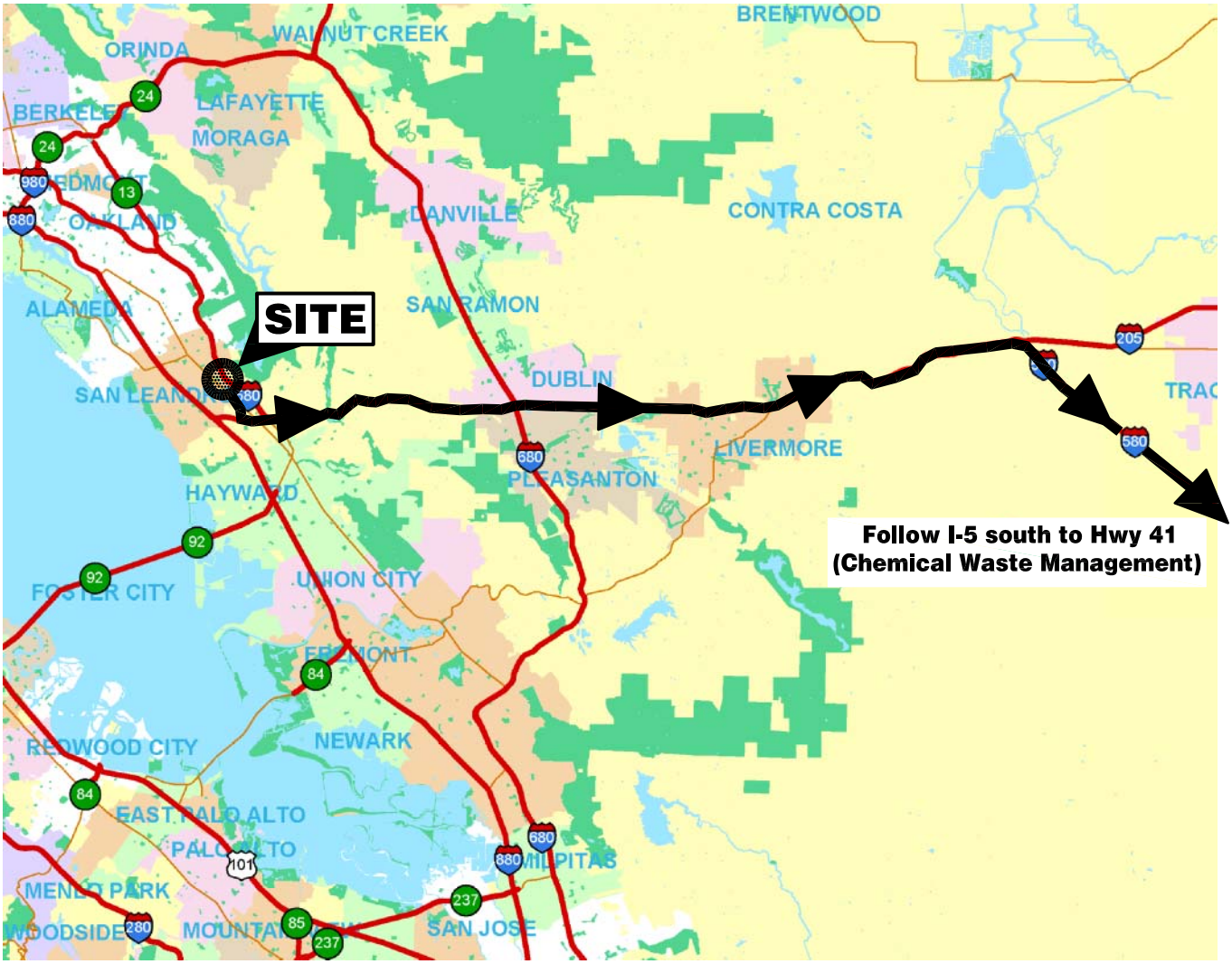
*No remediation planned for this area

Base by Unknown.
2/05"EB

EXCAVATION PLAN FOR PESTICIDE AND LEAD IMPACTED SOILS
JEFFERSON ELEMENTARY SCHOOL
San Leandro, California

LOVNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 6
2074-1A



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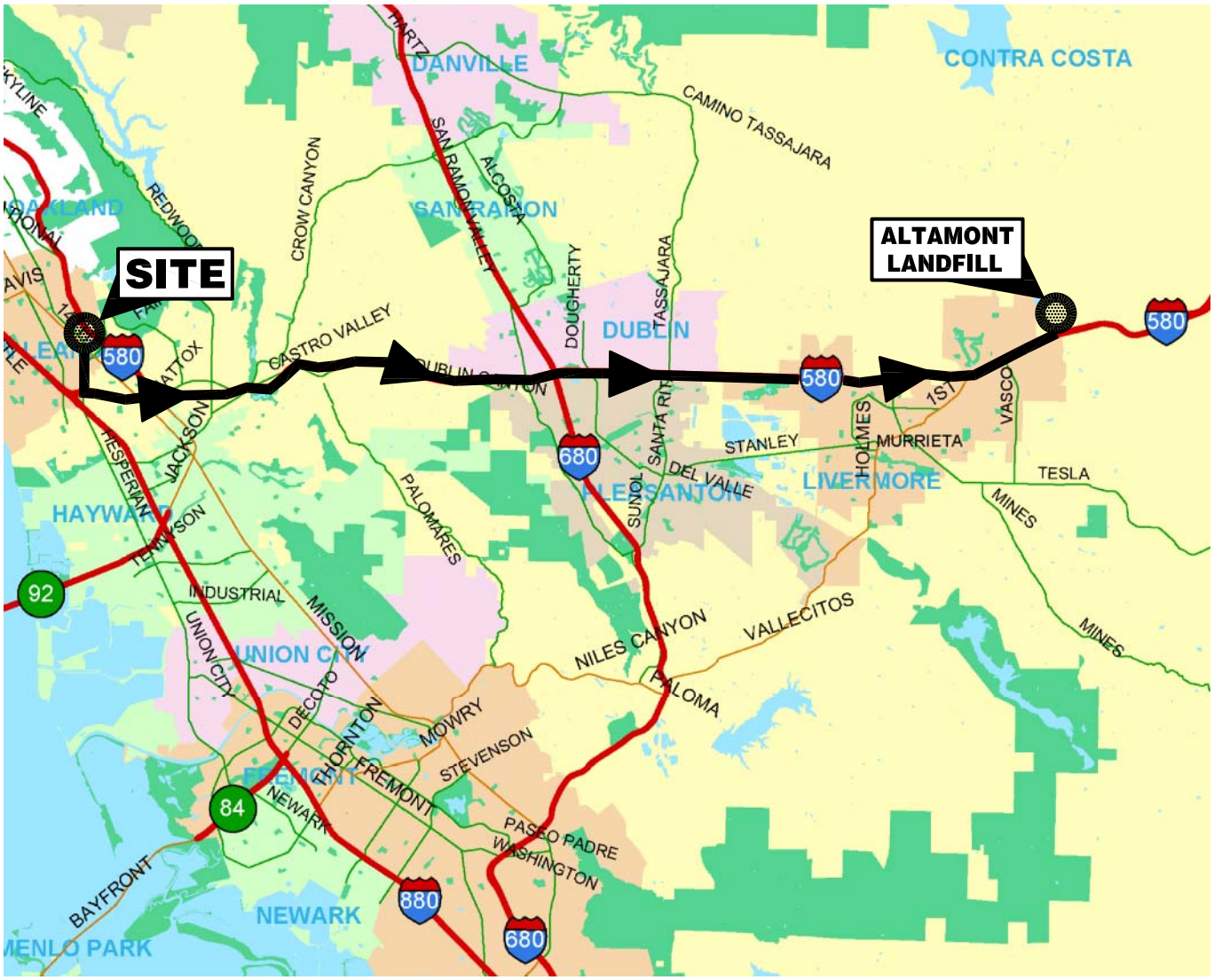
TRANSPORTATION ROUTE TO CLASS I DISPOSAL FACILITY

JEFFERSON ELEMENTARY SCHOOL
San Leandro, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 7
2074-1A



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TRANSPORTATION ROUTE TO CLASS II DISPOSAL FACILITY

JEFFERSON ELEMENTARY SCHOOL
San Leandro, California

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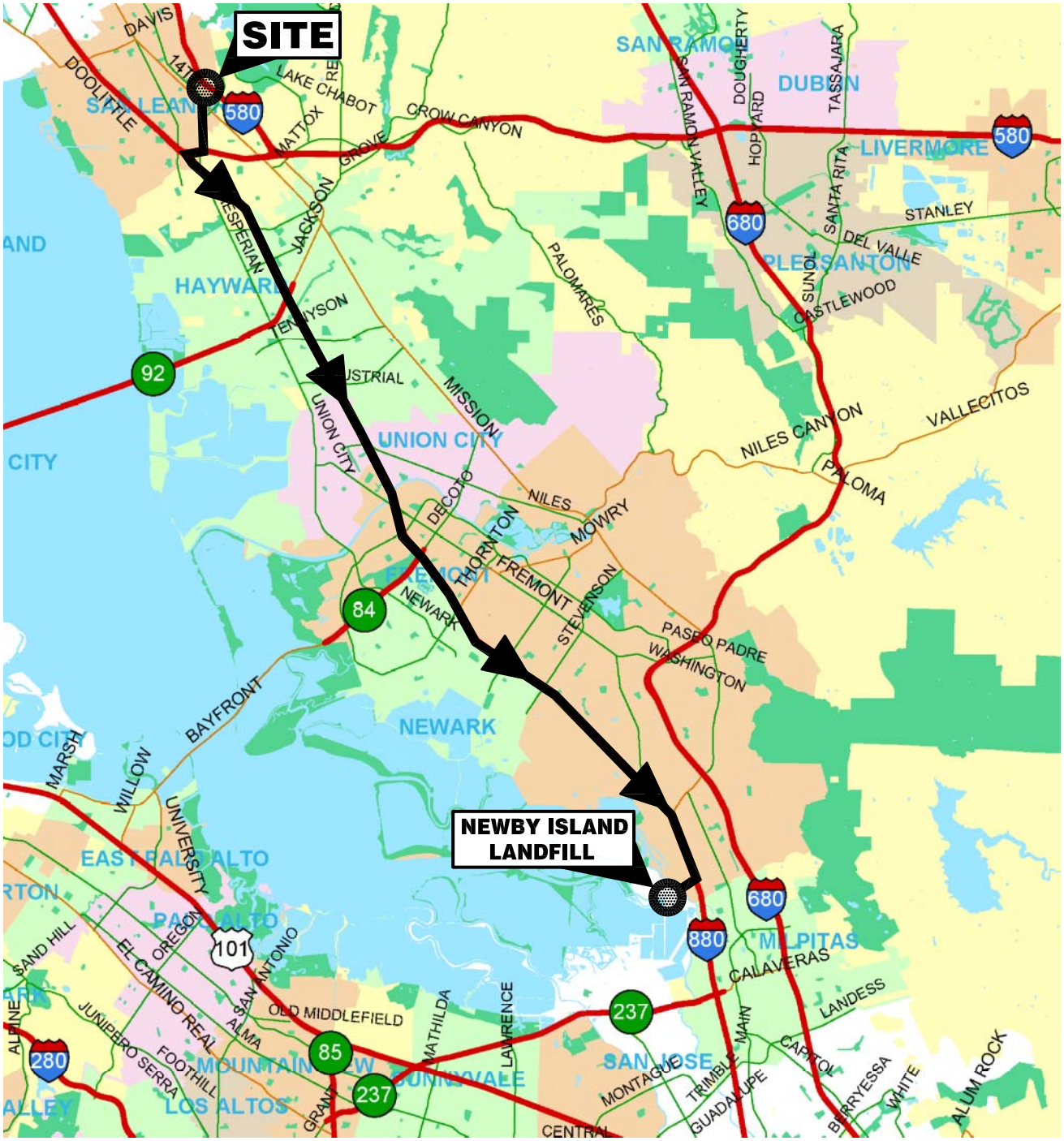
FIGURE 8
2074-1A



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TRANSPORTATION ROUTE TO CLASS III DISPOSAL FACILITY

JEFFERSON ELEMENTARY SCHOOL
San Leandro, California

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FIGURE 9
2074-1A