



# LETTER OF TRANSMITTAL

TMC ENVIRONMENTAL, INC.  
13908 San Pablo Avenue, Suite 101  
San Pablo, California 94806  
(415) 232-8366 / FAX 232-5133

Date: 5-23-95 Project Number: 115093 Total Number of Pages: \_\_\_\_\_  
To: SUSAN HUGO  
Company: Alameda County Health  
From: MARK YOUNGKIN

We are sending you:  Attached  Under separate cover via: \_\_\_\_\_

THE FOLLOWING as checked below:

- |   |   |                                   |                                       |
|---|---|-----------------------------------|---------------------------------------|
| <input checked="" type="checkbox"/> Reports | <input type="checkbox"/> Copy of Letter | <input type="checkbox"/> Contract | <input type="checkbox"/> Drawings     |
| <input checked="" type="checkbox"/> Plans   | <input type="checkbox"/> Site Map       | <input type="checkbox"/> Samples  | <input type="checkbox"/> Prints       |
| <input type="checkbox"/> Photos             | <input type="checkbox"/> Invoice        | <input type="checkbox"/> Brochure | <input type="checkbox"/> Test Results |
| <input type="checkbox"/> Other: _____       |   |                                   |                                       |

Subject: Rifkin Property report and plans  
Plans are separate

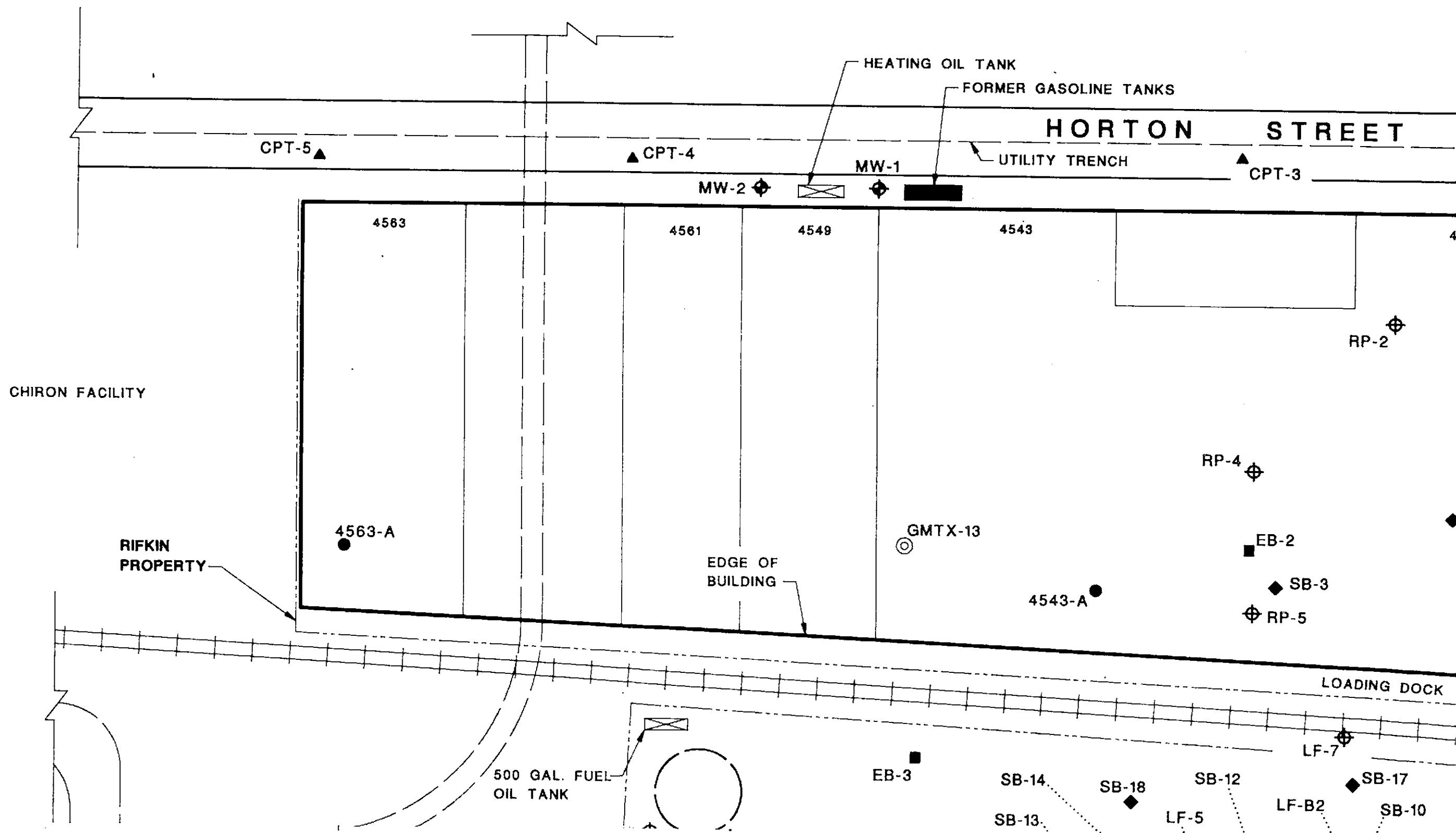
THESE ARE TRANSMITTED as checked below:

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> For approval                         | <input type="checkbox"/> For review and comment        | <input type="checkbox"/> Reviewed as submitted |
| <input checked="" type="checkbox"/> For your use              | <input type="checkbox"/> As requested                  | <input type="checkbox"/> Reviewed as noted     |
| <input type="checkbox"/> Resubmit _____ copies for review     | <input type="checkbox"/> Return _____ corrected prints |  |
| <input type="checkbox"/> Submit _____ copies for distribution | <input type="checkbox"/> Returned for corrections      |  |
| <input type="checkbox"/> Other: _____                         |  |  |

Remarks: Quarterly Ground Water Sampling Report  
MAY 16, 1995  
Plates are separate.

Copies to: Satterwhite, Susan Hugo, RWQCB, Carrington

CHIRON FACILITY



HORTON STREET

CPT-5 ▲

▲ CPT-4

MW-1

UTILITY TRENCH

▲ CPT-3

HEATING OIL TANK

FORMER GASOLINE TANKS

4563

4561

4549

4543

RP-2

CHIRON FACILITY

RP-4

RIFKIN PROPERTY

4563-A

EDGE OF BUILDING

GMTX-13

EB-2

4543-A

SB-3

RP-5

LOADING DOCK

500 GAL. FUEL OIL TANK

EB-3

SB-14

SB-18

SB-12

LF-7

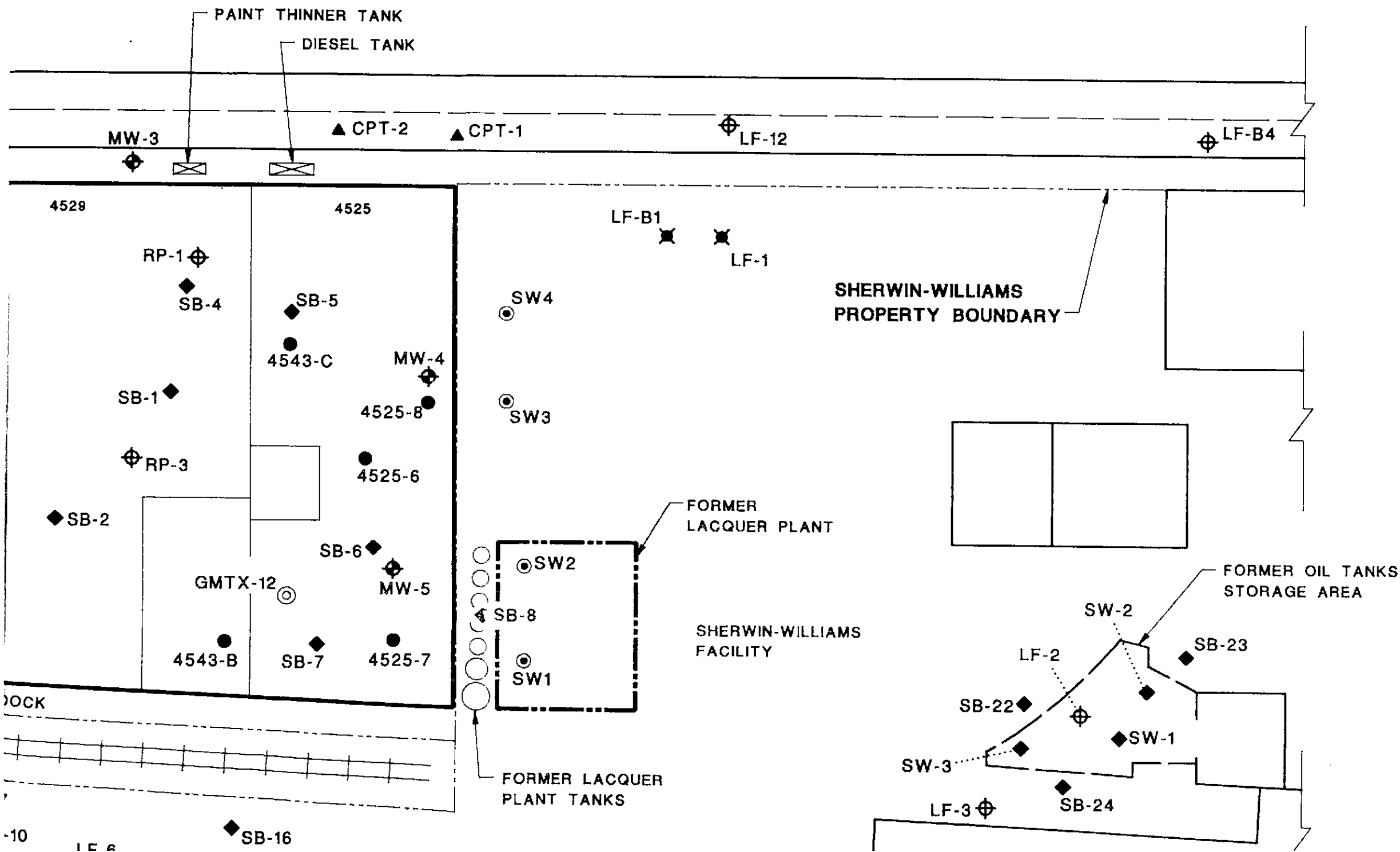
SB-17

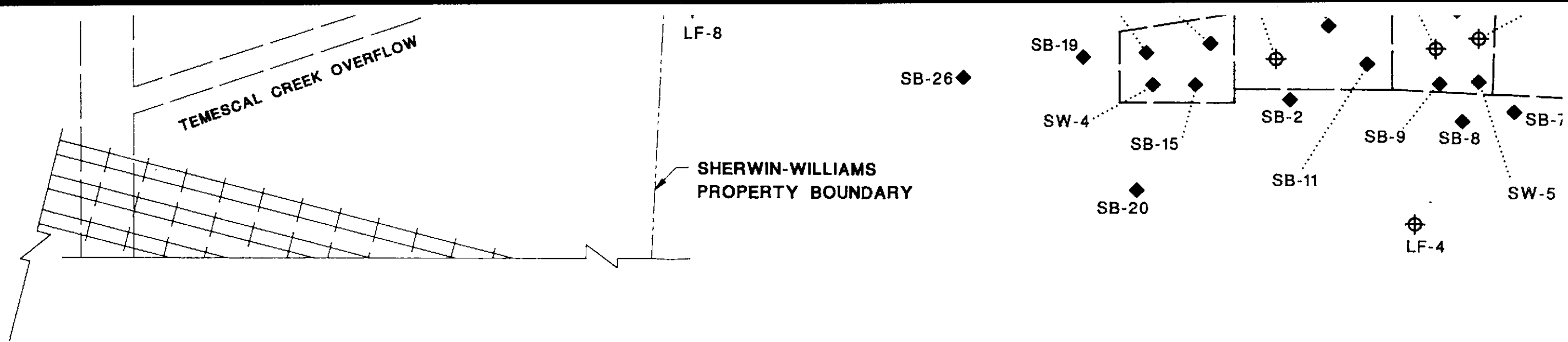
SB-13

LF-5

LF-B2

SB-10





ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



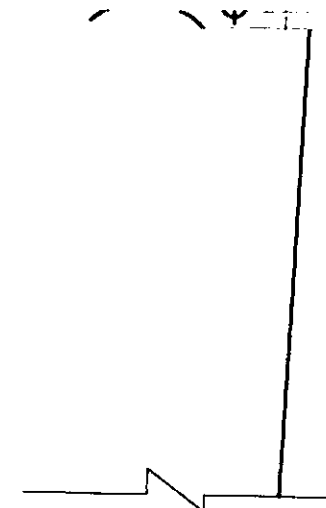
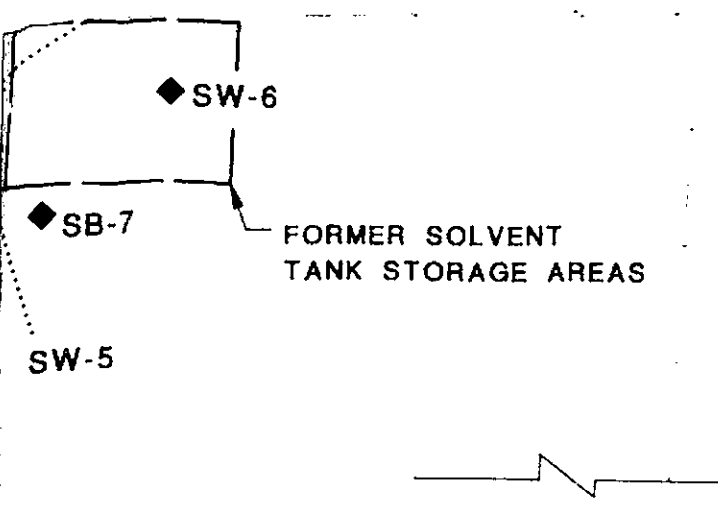
APPROXIMATE

## NOTES AND LIMITATIONS

THE TABLES AND SUMMARIES OF CHEMICAL DATA PROVIDE A QUICK REFERENCE TO THE MORE COMPLETE INFORMATION IN THE TECHNICAL REPORTS AND CERTIFIED LABORATORY REPORTS.

THIS DIAGRAM WAS NOT SURVEYED OR DRAWN BY A STATE LICENSED SURVEYOR. THE PROPERTY AND OTHER BOUNDARIES THAT MAY BE SHOWN CAN NOT BE USED FOR CONSTRUCTION OR CONSTRUCTION DESIGN.





RECEIVED  
MAY 25 1995  
By \_\_\_\_\_

**EXPLANATION OF MAP SYMBOLS**

- |  |                                       |  |  |
|--|---------------------------------------|--|--|
|  | MONITORING WELL, TMC 1994             |  | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993         |
|  | MONITORING WELL, LEVINE FRICKE        |  | FORMER SOIL BORING LOCATION, HARVING LAWSON 1992                       |
|  | EXPLORATORY SOIL BORING, TMC 1994     |  | SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994            |
|  | GEOTECHNICAL SOIL BORING, EKI, 1984   |  | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993 |
|  | UNDERGROUND TANKS REMOVED IN 1983     |  | DESTROYED WELL   |
|  | FORMER GASOLINE TANKS REMOVED IN 1988 |  | FENCE  |

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13908 SAN PABLO AVENUE, SUITE 101  
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**SITE MAP**

**RIFKIN PROPERTY  
EMERYVILLE, CALIFORNIA**

PLATE

**2**



Inc.

CHIRON FACILITY

TEMESCAL CREEK IS 9 - 10 FEET  
BELOW GRADE OR 3 - 4 FEET MSL

HEATING OIL TANK  
FORMER GASOLINE TANKS

HORTON STREET

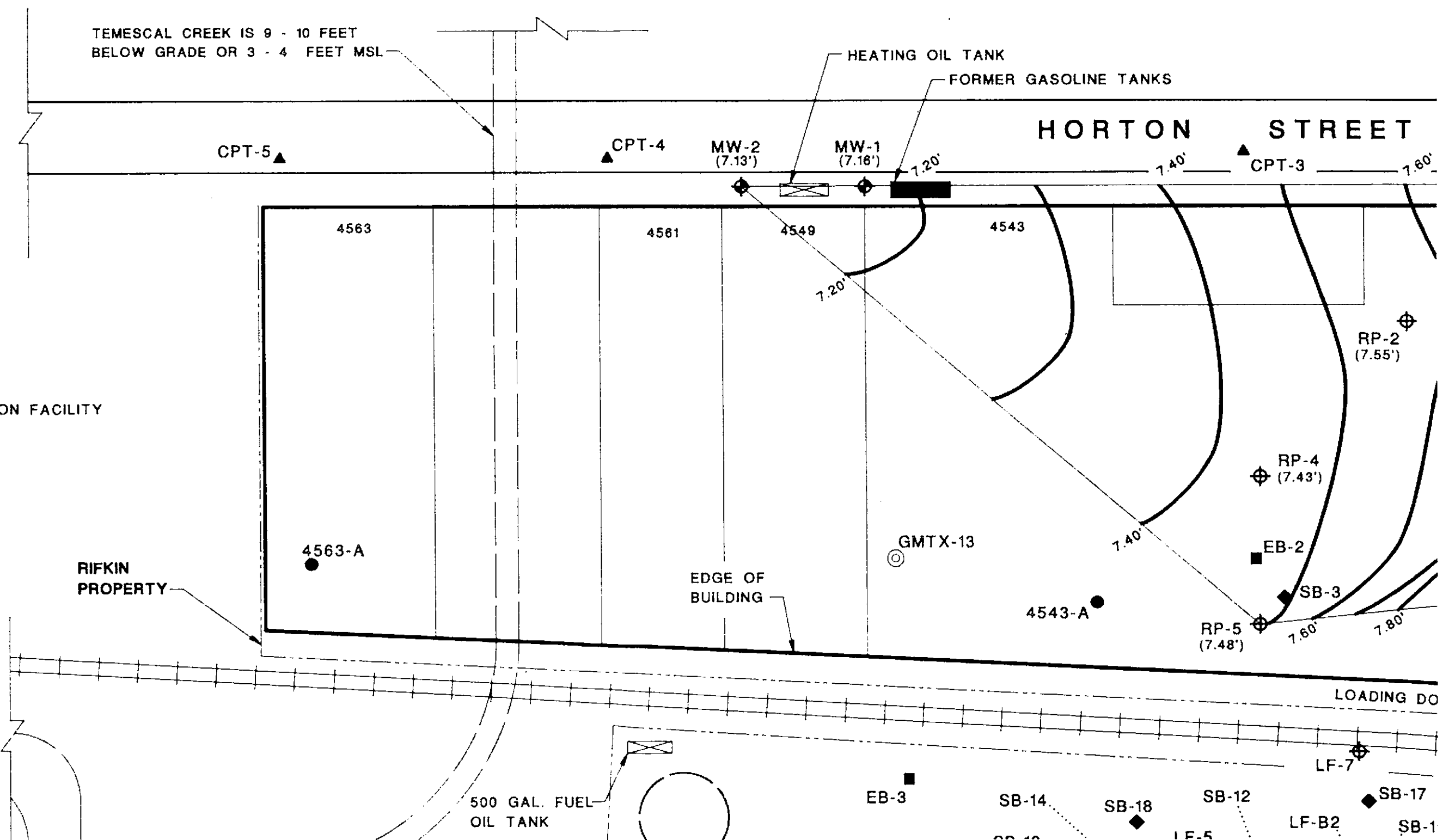
CHIRON FACILITY

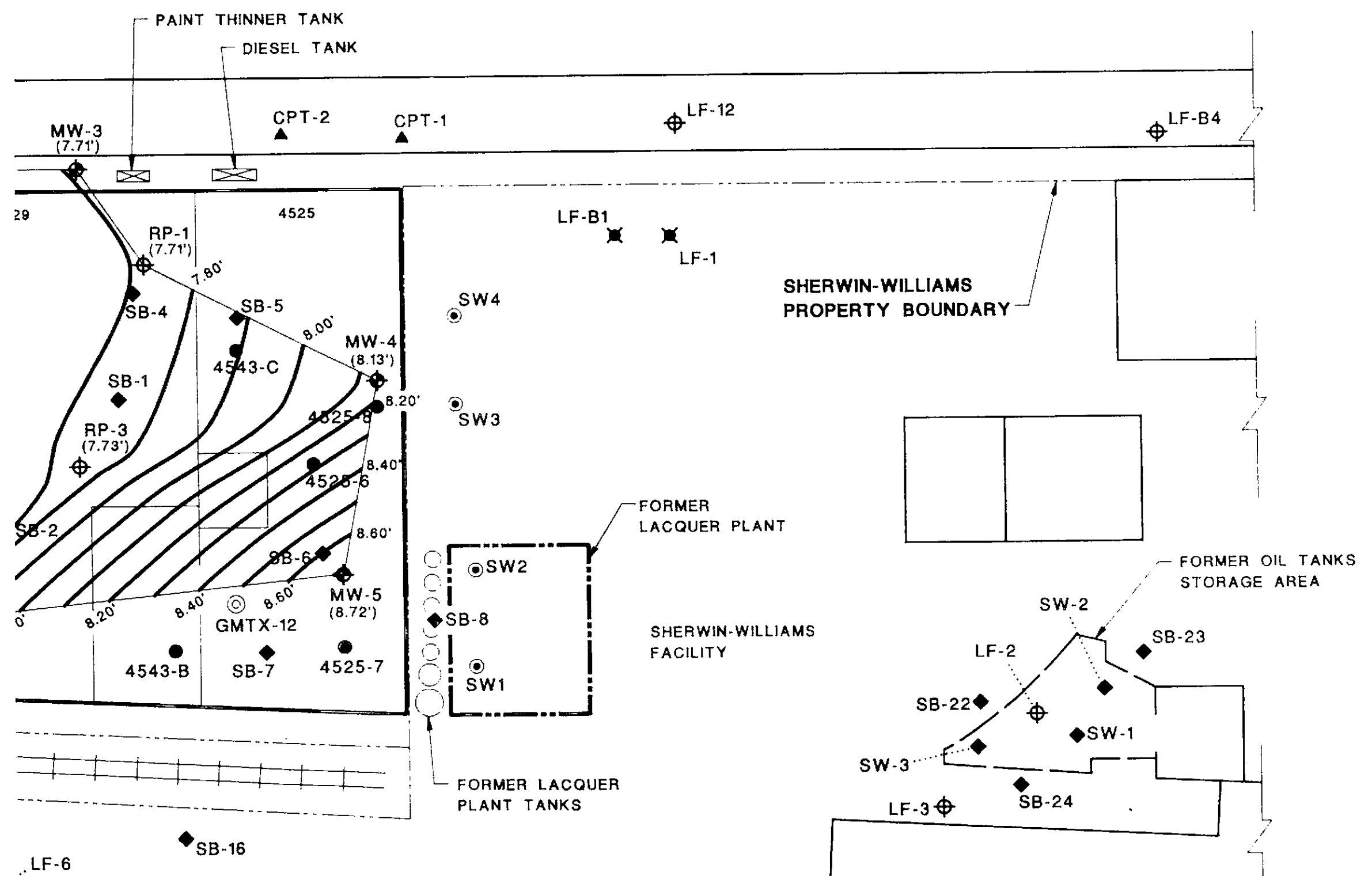
RIFKIN PROPERTY

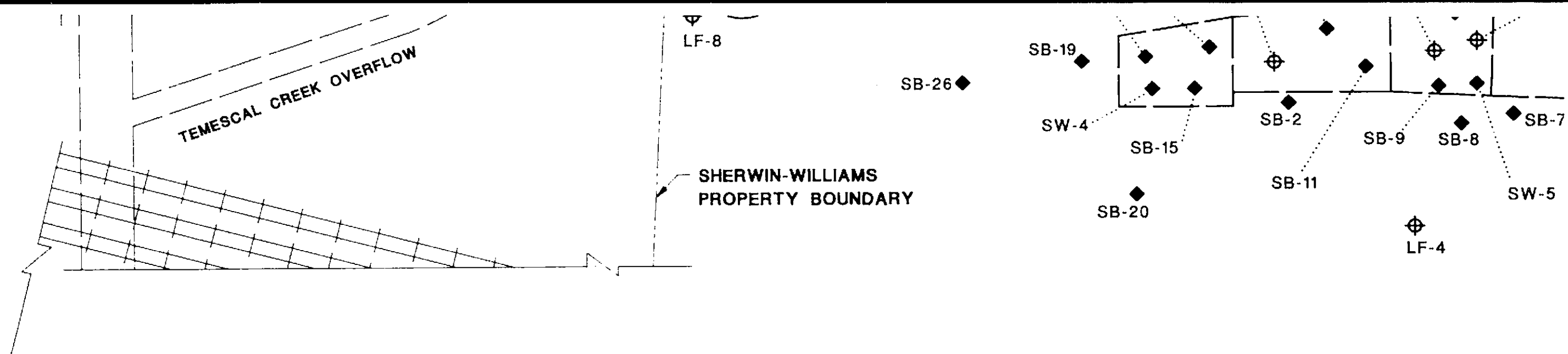
EDGE OF BUILDING

LOADING DOCK

500 GAL. FUEL OIL TANK





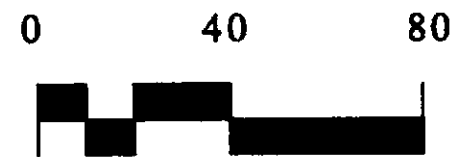


N ARROW



APPROXIMATE

SCALE IN FEET



APPROXIMATE

### NOTES AND LIMITATIONS

GROUND WATER MEASURED ON APRIL 13, 1995

ALL ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL (MSL)

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◆ SW-6

FORMER SOLVENT  
TANK STORAGE AREAS

### EXPLANATION OF MAP SYMBOLS

- |   |                                       |   |  |
|---|---------------------------------------|---|--|
| ⊕ | MONITORING WELL, TMC 1994             | ▲ | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993         |
| ⊕ | MONITORING WELL, LEVINE FRICKE        | ■ | FORMER SOIL BORING LOCATION, HARCING LAWSON 1992                       |
| ● | EXPLORATORY SOIL BORING, TMC 1994     | ◆ | SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994            |
| ⊙ | GEOTECHNICAL SOIL BORING, EKI, 1994   | ● | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993 |
| ⊠ | UNDERGROUND TANKS REMOVED IN 1993     | ✕ | DESTROYED WELL   |
| ■ | FORMER GASOLINE TANKS REMOVED IN 1988 | — | FENCE  |

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**GROUND WATER GRADIENT MAP**

**RIFKIN PROPERTY  
EMERYVILLE, CALIFORNIA**

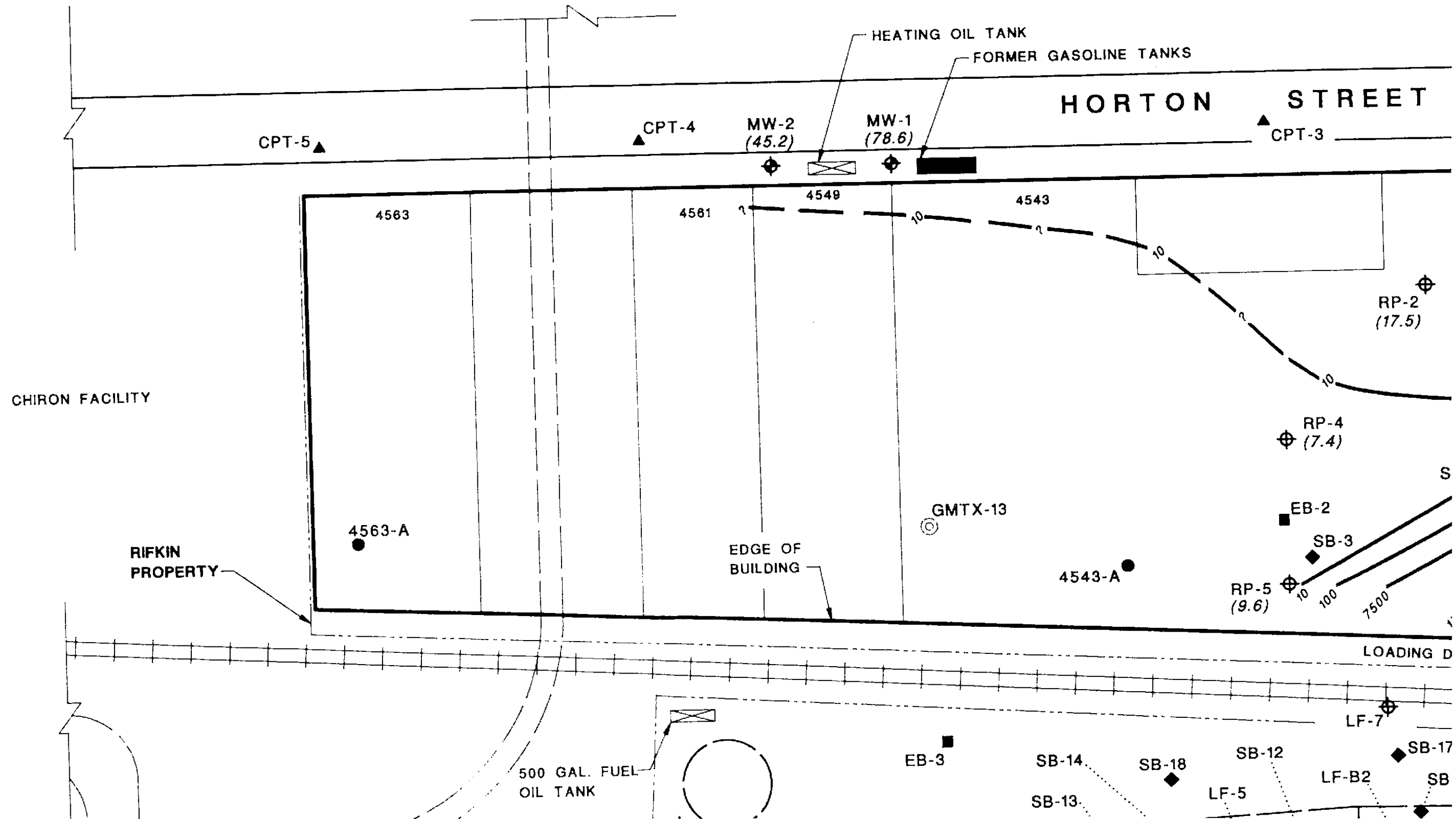
DATE OF DRAWING: APRIL, 1995

PROJECT NO. 115093

PLATE

**3**

CHIRON FACILITY



HORTON STREET

CHIRON FACILITY

RIFKIN PROPERTY

500 GAL. FUEL OIL TANK

LOADING D

HEATING OIL TANK  
FORMER GASOLINE TANKS

CPT-5

CPT-4

MW-2  
(45.2)

MW-1  
(78.6)

CPT-3

4563

4581

4549

4543

RP-2  
(17.5)

RP-4  
(7.4)

4563-A

GMTX-13

4543-A

RP-5  
(9.6)

EB-2

SB-3

EB-3

SB-14

SB-18

SB-12

SB-17

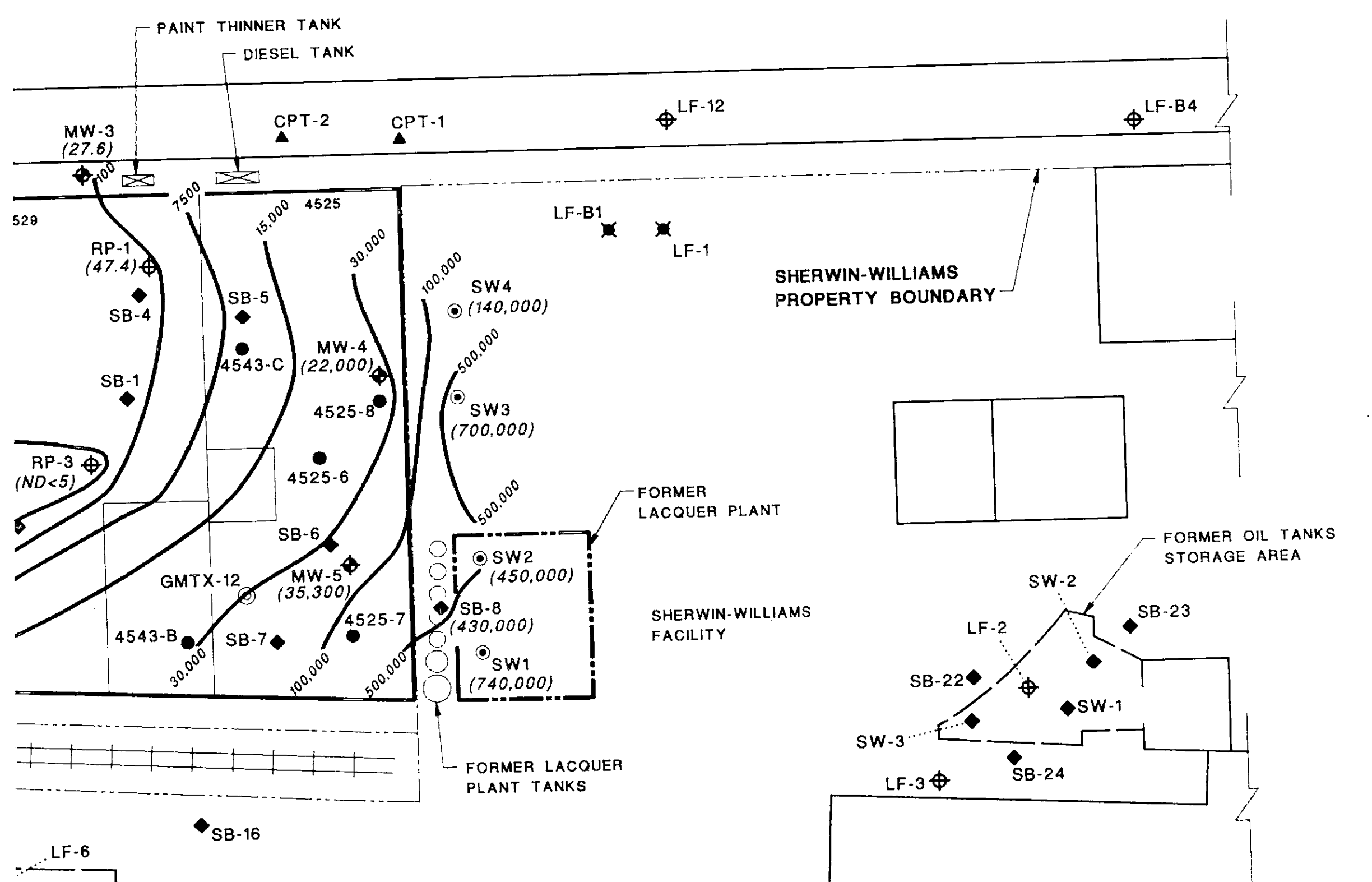
SB-13

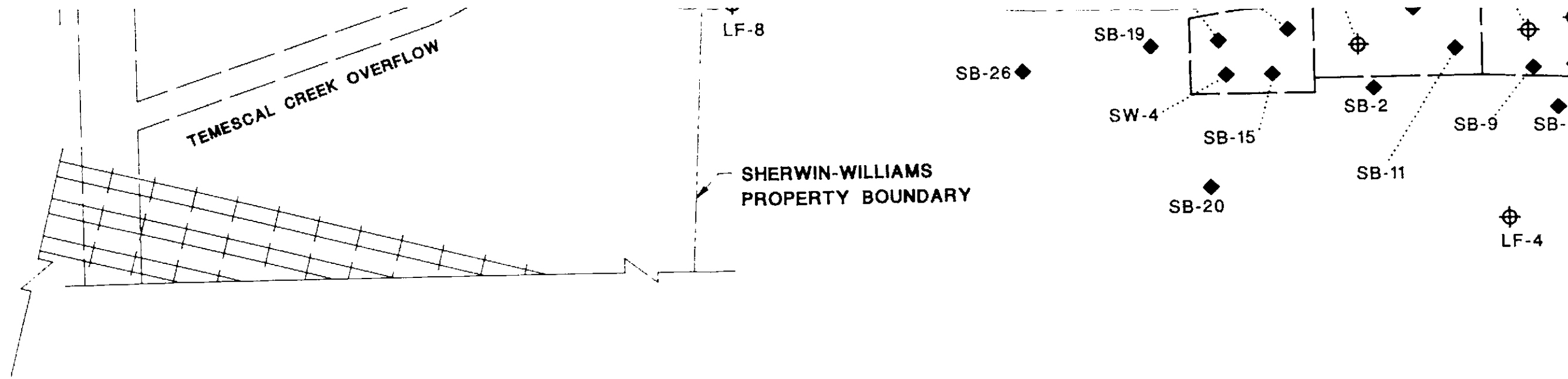
LF-5

LF-B2

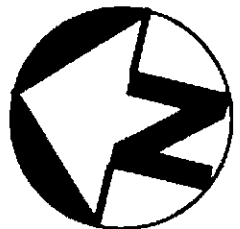
SB

EDGE OF BUILDING



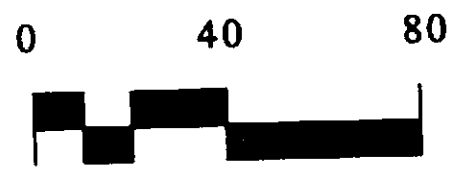


NORTH ARROW



APPROXIMATE

SCALE IN FEET



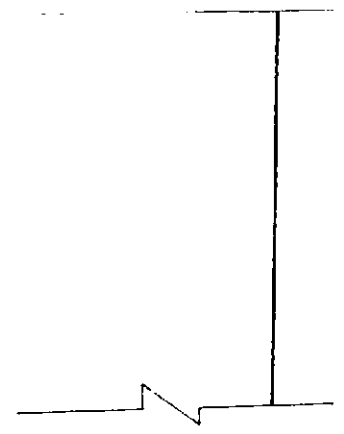
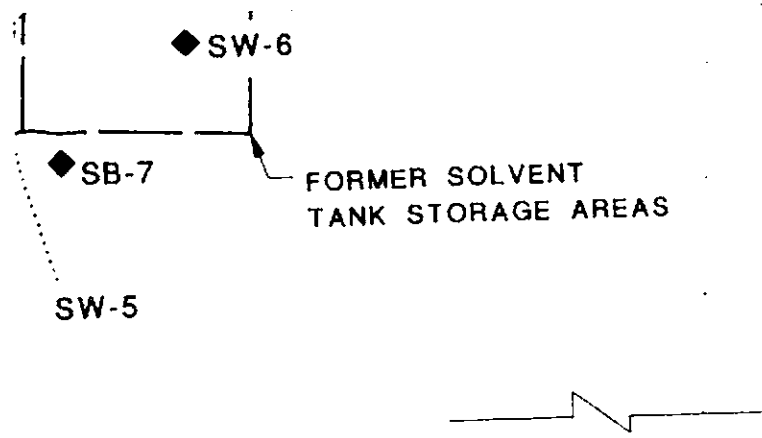
APPROXIMATE

## NOTES AND LIMITATIONS

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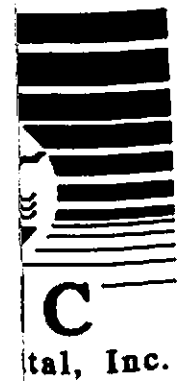
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**EXPLANATION OF MAP SYMBOLS**

- MONITORING WELL, TMC 1994
- MONITORING WELL, LEVINE FRICKE
- EXPLORATORY SOIL BORING, TMC 1994
- GEOTECHNICAL SOIL BORING, EKI, 1994
- UNDERGROUND TANKS REMOVED IN 1993
- FORMER GASOLINE TANKS REMOVED IN 1988
- CONTOUR OF EQUAL CONCENTRATIONS IN PPB (UG/L)  
DASHED WHERE ESTIMATED
- ND - ANALYTES NOT DETECTED AT, OR ABOVE  
LABORATORY DETECTION LIMITS
- CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993
- FORMER SOIL BORING LOCATION, HARRING LAWSON 1992
- SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994
- SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993
- DESTROYED WELL
- FENCE



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**ARSENIC CONCENTRATION  
 IN GROUND WATER**

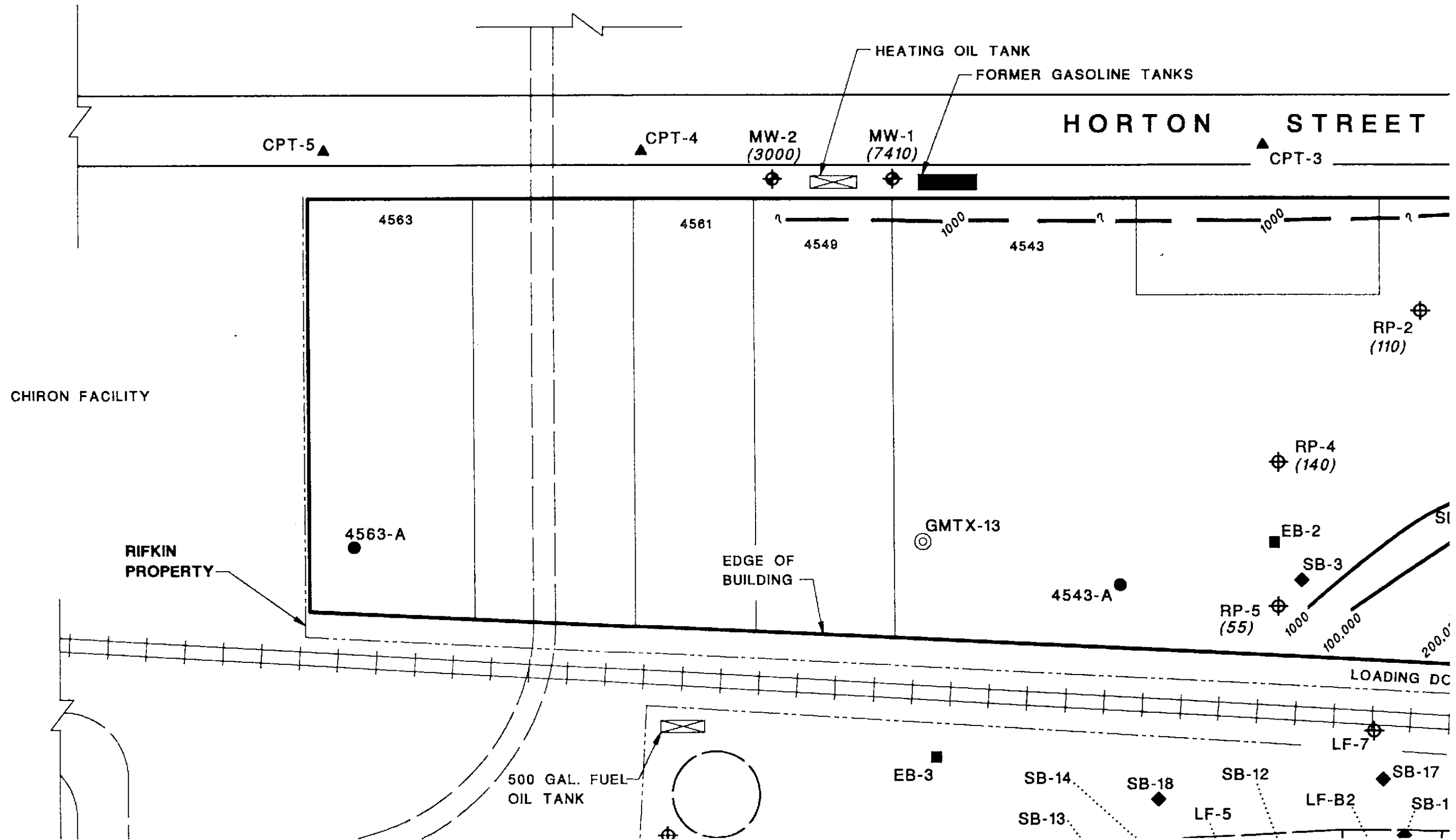
**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

**4**

CHIRON FACILITY



HORTON STREET

CPT-5 ▲

CPT-4 ▲

MW-2  
(3000)

MW-1  
(7410)

CPT-3 ▲

4563

4561

4549

4543

RP-2  
(110)

CHIRON FACILITY

RP-4  
(140)

RIFKIN  
PROPERTY

4563-A

EDGE OF  
BUILDING

GMTX-13

EB-2

4543-A

RP-5  
(55)

SB-3

LOADING DOCK

500 GAL. FUEL  
OIL TANK

EB-3

SB-14

SB-18

SB-12

SB-13

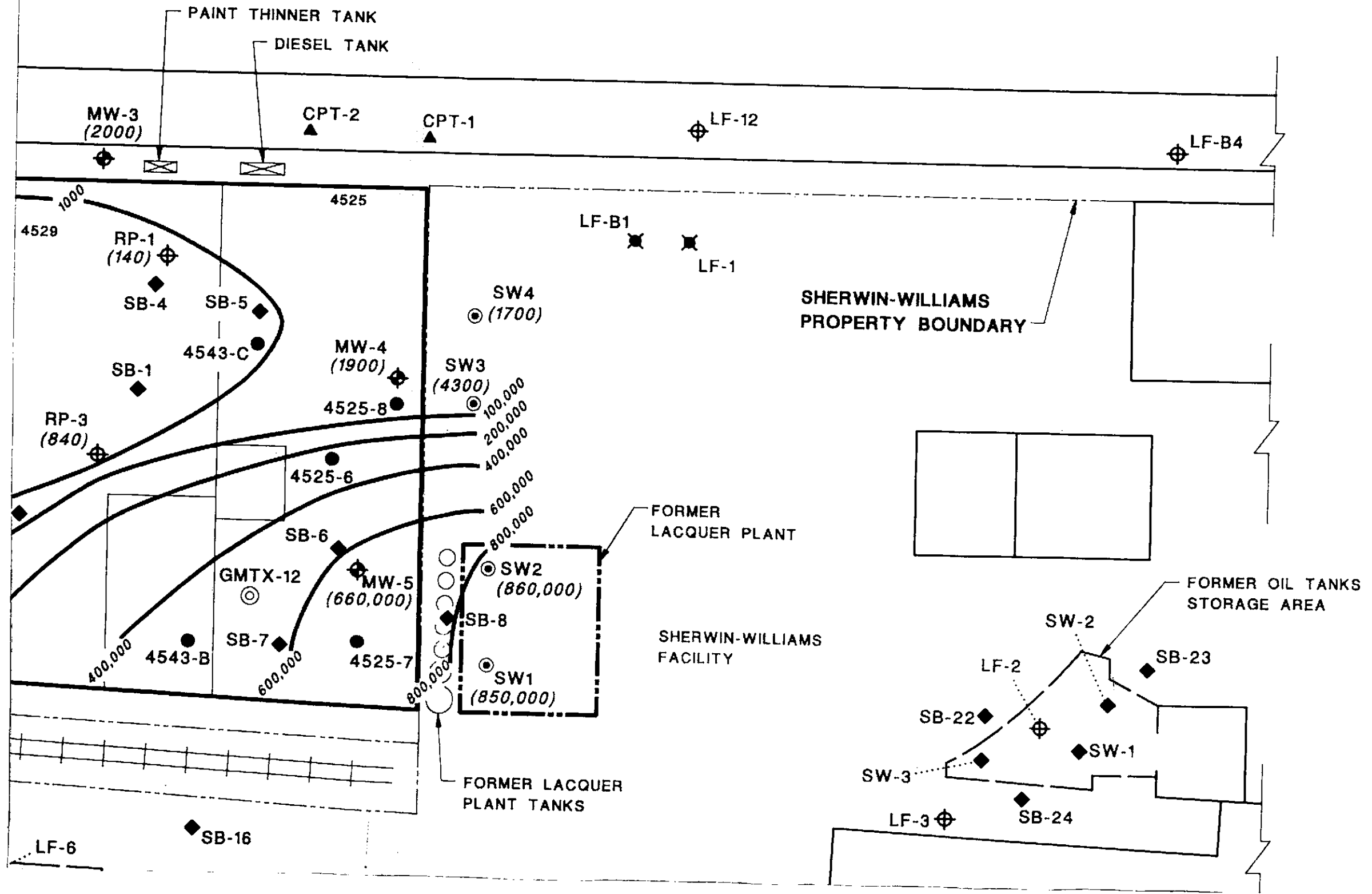
LF-5

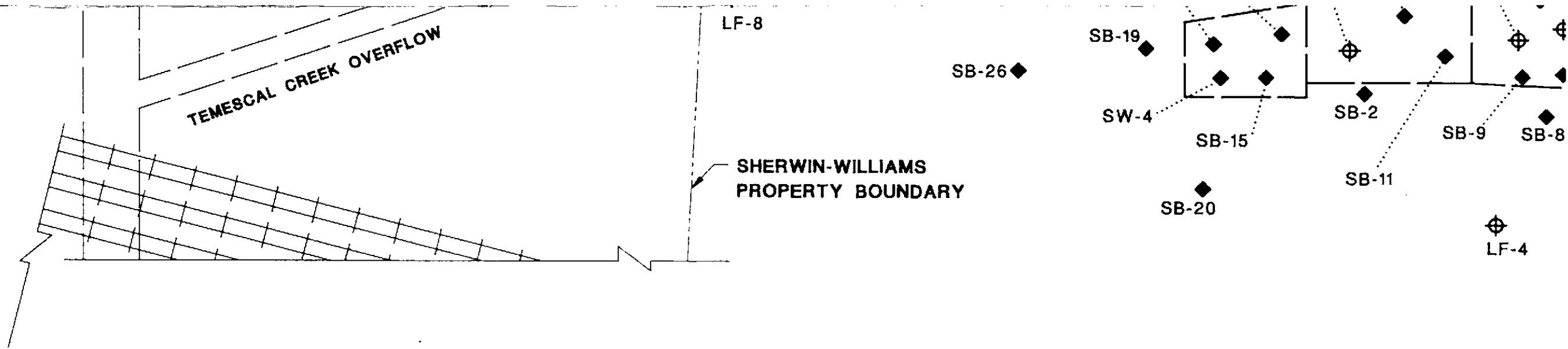
LF-B2

LF-7

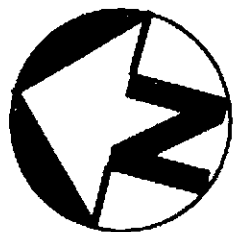
SB-17

SB-1





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



APPROXIMATE

## NOTES AND LIMITATIONS

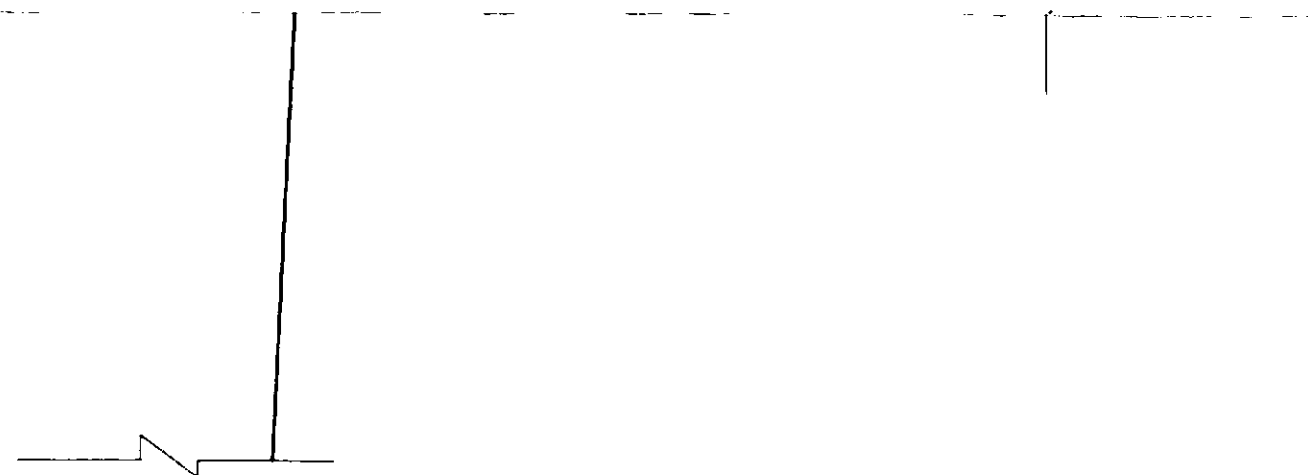
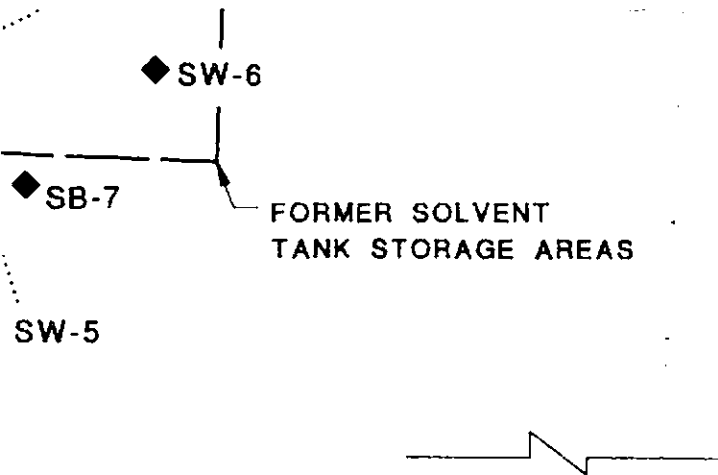
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**TM**  
Environment





**EXPLANATION OF MAP SYMBOLS**

- MONITORING WELL, TMC 1994
- MONITORING WELL, LEVINE FRICKE
- EXPLORATORY SOIL BORING, TMC 1994
- GEOTECHNICAL SOIL BORING, EKI, 1994
- UNDERGROUND TANKS REMOVED IN 1993
- FORMER GASOLINE TANKS REMOVED IN 1988
- CONTOUR OF EQUAL CONCENTRATIONS IN PPB (UG/L)  
DASHED WHERE ESTIMATED
- ND = ANALYTES NOT DETECTED AT, OR ABOVE  
LABORATORY DETECTION LIMITS
- CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993
- FORMER SOIL BORING LOCATION, HARI ING LAWSON 1992
- SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994
- SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993
- DESTROYED WELL
- FENCE



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**GASOLINE CONCENTRATION  
 IN GROUND WATER**

**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

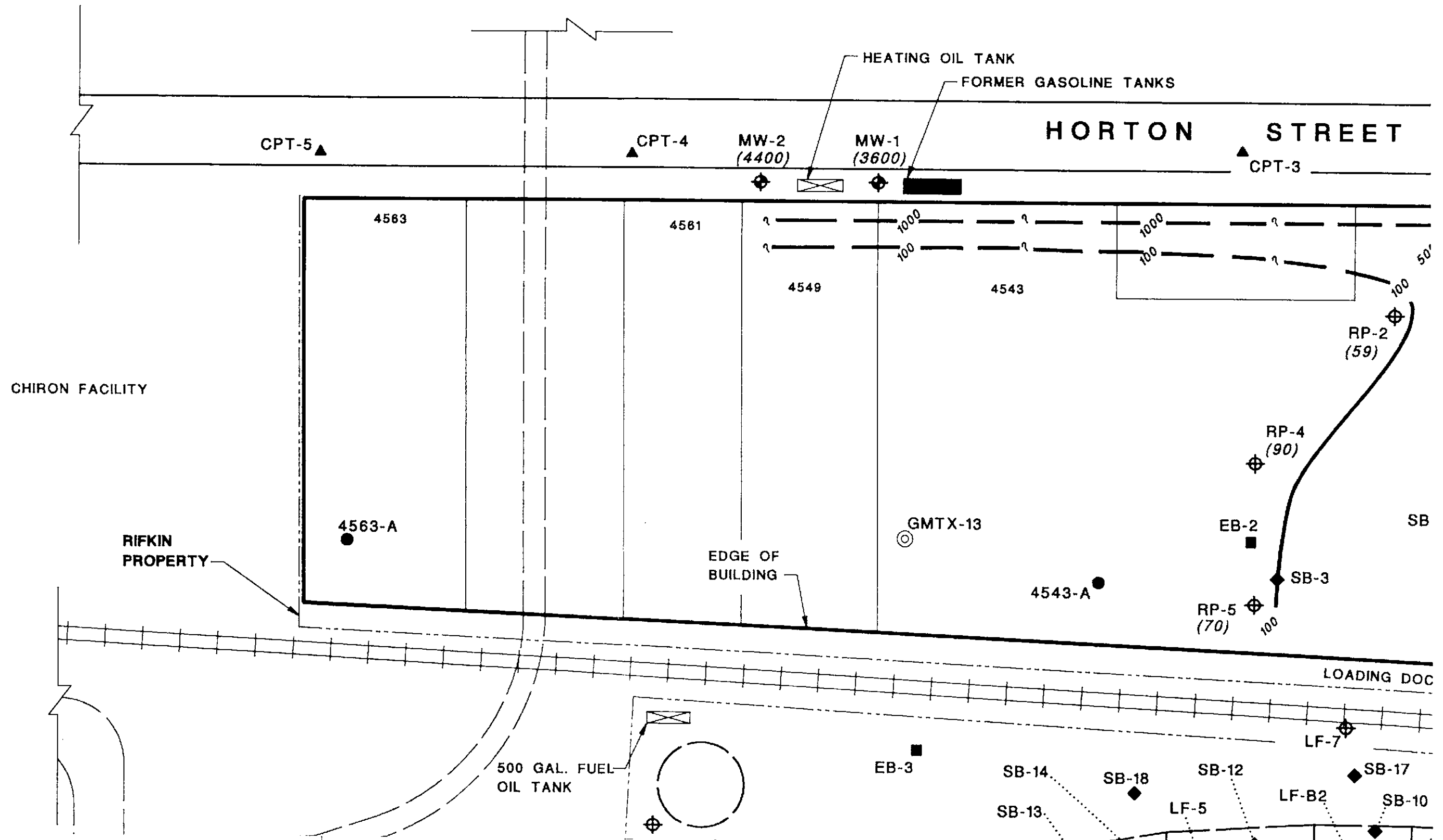
DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

**5**

Inc.

CHIRON FACILITY



HORTON STREET

CPT-5 ▲

CPT-4 ▲

MW-2  
(4400)

MW-1  
(3600)

CPT-3 ▲

4563

4581

4549

4543

RP-2  
(59)

CHIRON FACILITY

RP-4  
(90)

RIFKIN  
PROPERTY

4563-A

EDGE OF  
BUILDING

GMTX-13

EB-2

SB

4543-A

RP-5  
(70)

SB-3

LOADING DOCK

500 GAL. FUEL  
OIL TANK

EB-3

SB-14

SB-18

SB-12

SB-17

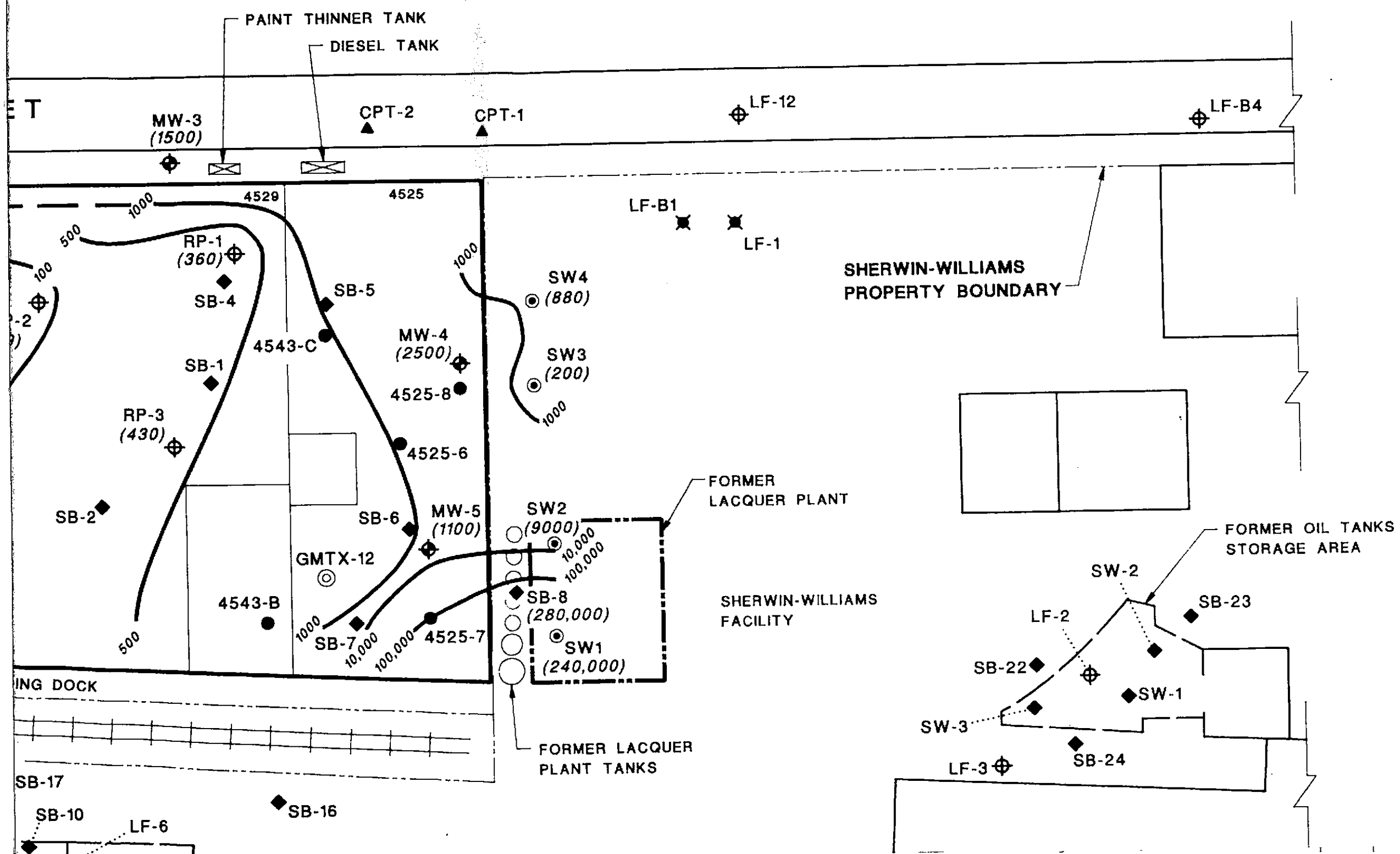
SB-13

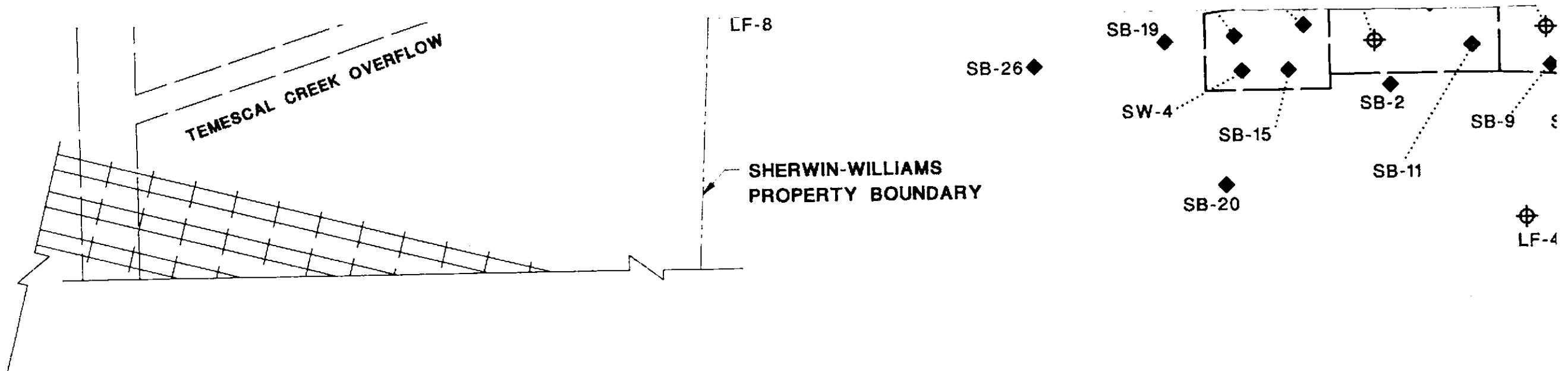
LF-5

LF-B2

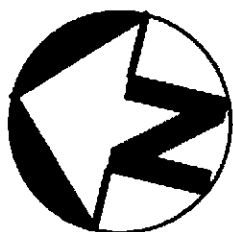
SB-10

LF-7



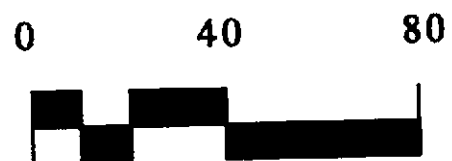


NORTH ARROW



APPROXIMATE

SCALE IN FEET



APPROXIMATE

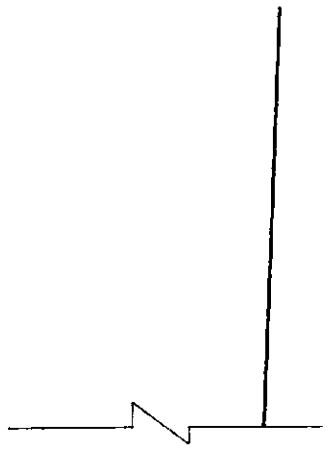
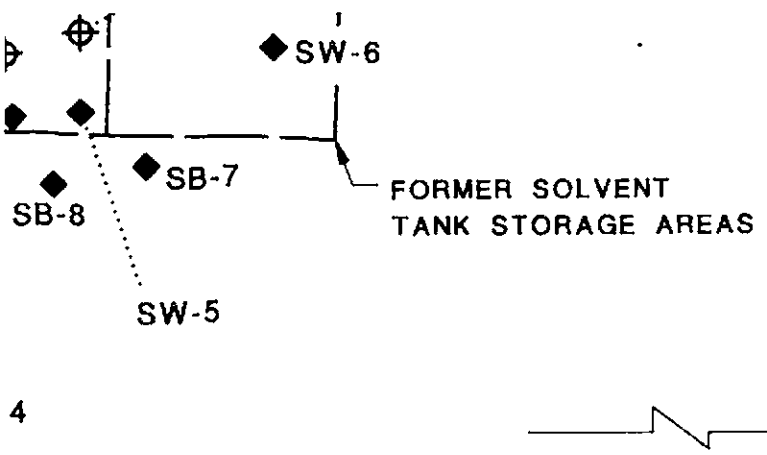
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Enviro



**EXPLANATION OF MAP SYMBOLS**

- |  |   |  |  |
|--|---|--|--|
|  | MONITORING WELL, TMC 1994   |  | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993         |
|  | MONITORING WELL, LEVINE FRICKE  |  | FORMER SOIL BORING LOCATION, HAR. ING LAWSON 1992                      |
|  | EXPLORATORY SOIL BORING, TMC 1994                                       |  | SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994            |
|  | GEOTECHNICAL SOIL BORING, EKI, 1994                                     |  | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993 |
|  | UNDERGROUND TANKS REMOVED IN 1993                                       |  | DESTROYED WELL   |
|  | FORMER GASOLINE TANKS REMOVED IN 1988                                   |  | FENCE  |
|  | CONTOUR OF EQUAL CONCENTRATIONS IN PPB (UG/L)<br>DASHED WHERE ESTIMATED |  |  |
|  | ND - ANALYTES NOT DETECTED AT, OR ABOVE<br>LABORATORY DETECTION LIMITS  |  |  |



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**DIESEL CONCENTRATION  
 IN GROUND WATER**

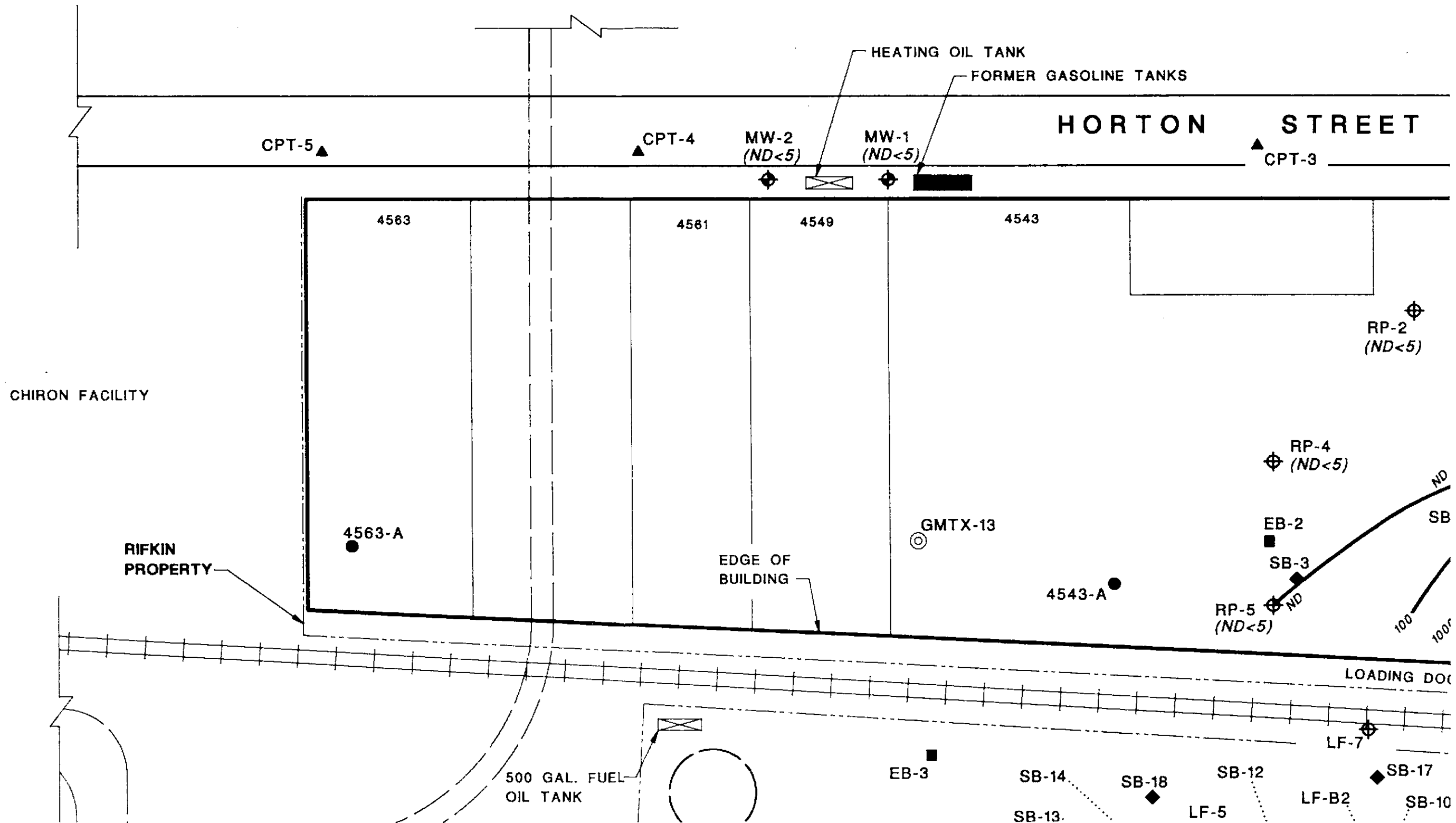
**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

**6**

CHIRON FACILITY



HORTON STREET

CPT-5 ▲

CPT-4 ▲

MW-2  
(ND<5)

MW-1  
(ND<5)

CPT-3 ▲

4563

4561

4549

4543

RP-2  
(ND<5)

CHIRON FACILITY

RP-4  
(ND<5)

RIFKIN  
PROPERTY

4563-A ●

EDGE OF  
BUILDING

GMTX-13

4543-A ●

RP-5  
(ND<5)

LOADING DOCK

500 GAL. FUEL  
OIL TANK

EB-3

SB-14

SB-18

SB-12

SB-17

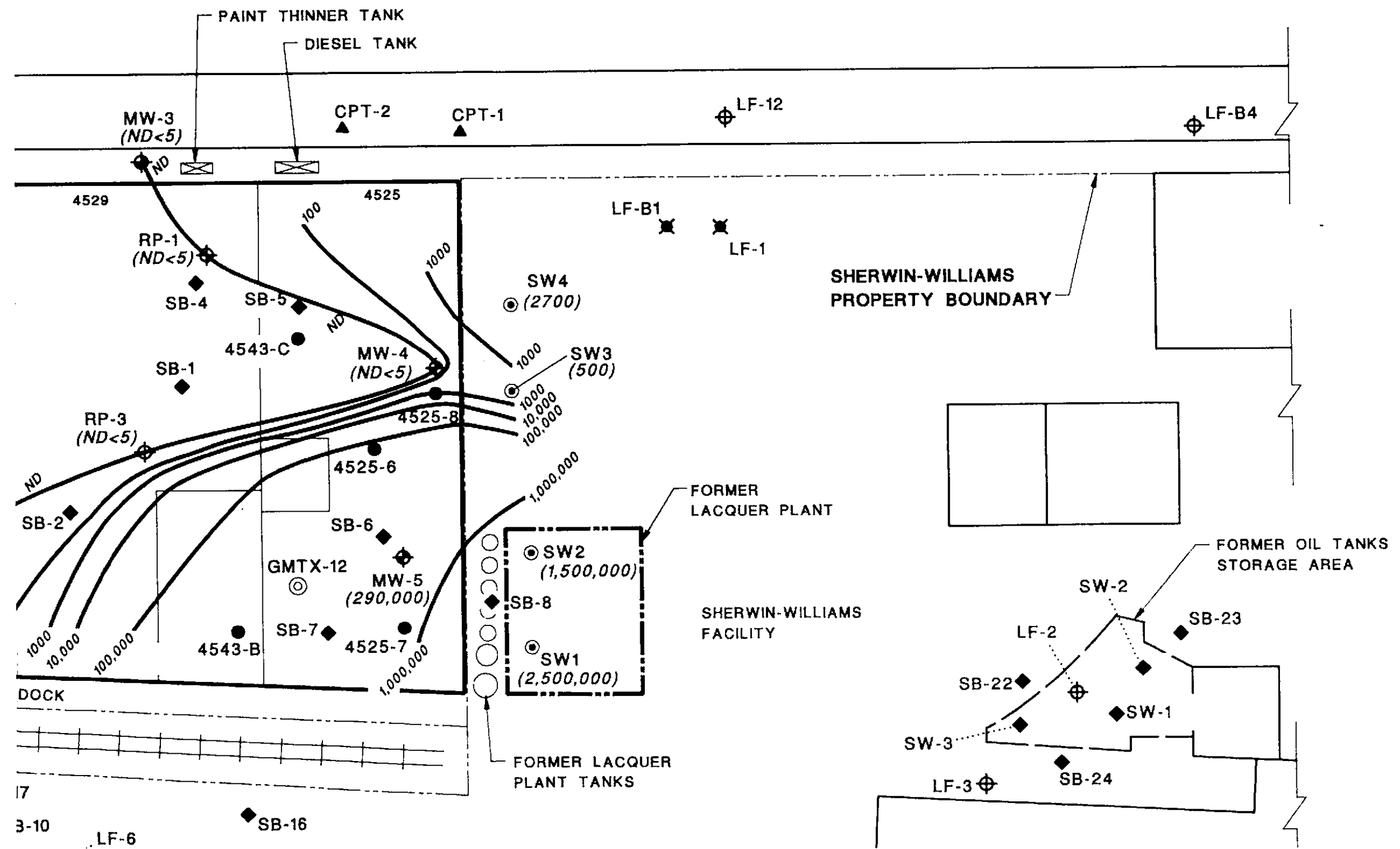
SB-13

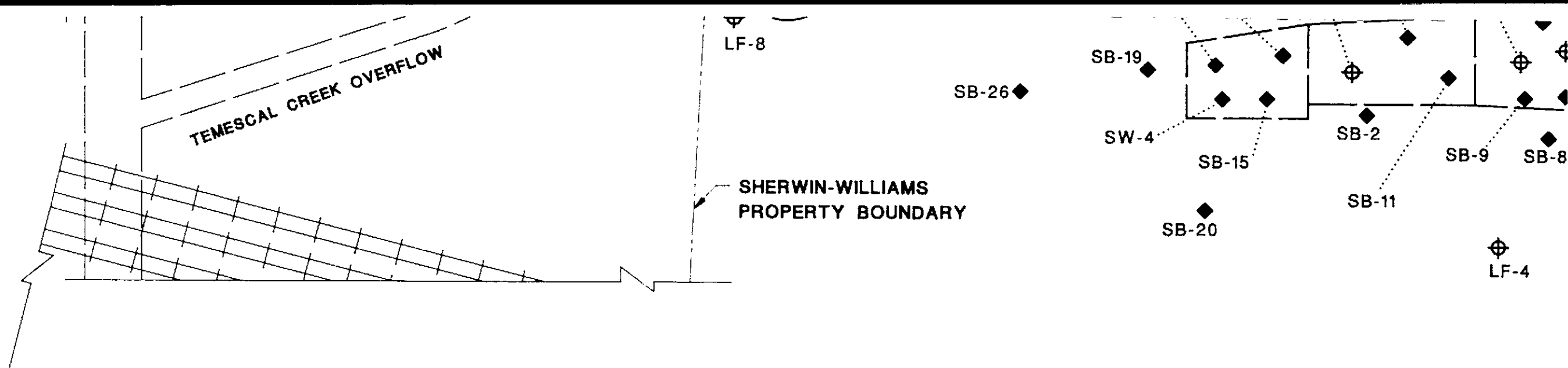
LF-5

LF-B2

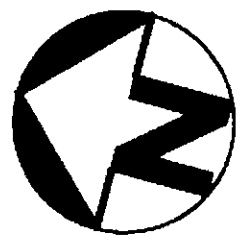
SB-10

LF-7





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



APPROXIMATE

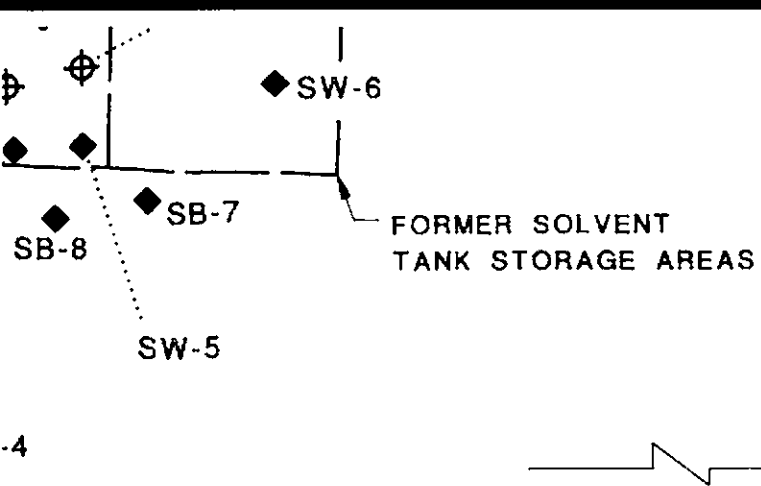
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### EXPLANATION OF MAP SYMBOLS

- |  |   |  |  |
|--|---|--|--|
|  | MONITORING WELL, TMC 1994   |  | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993         |
|  | MONITORING WELL, LEVINE FRICKE  |  | FORMER SOIL BORING LOCATION, HARDING LAWSON 1992                       |
|  | EXPLORATORY SOIL BORING, TMC 1994                                       |  | SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994            |
|  | GEOTECHNICAL SOIL BORING, EKI, 1994                                     |  | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993 |
|  | UNDERGROUND TANKS REMOVED IN 1993                                       |  | DESTROYED WELL   |
|  | FORMER GASOLINE TANKS REMOVED IN 1988                                   |  | FENCE  |
|  | CONTOUR OF EQUAL CONCENTRATIONS IN PPB (UG/L)<br>DASHED WHERE ESTIMATED |  |  |
|  | ND = ANALYTES NOT DETECTED AT, OR ABOVE<br>LABORATORY DETECTION LIMITS  |  |  |



## TMC ENVIRONMENTAL, INC.

13908 SAN PABLO AVENUE, SUITE 101  
 SAN PABLO, CALIFORNIA 94806  
 510-232-8366 FAX 510-232-5133

## ACETONE CONCENTRATION IN GROUND WATER

## RIFKIN PROPERTY EMERYVILLE, CALIFORNIA

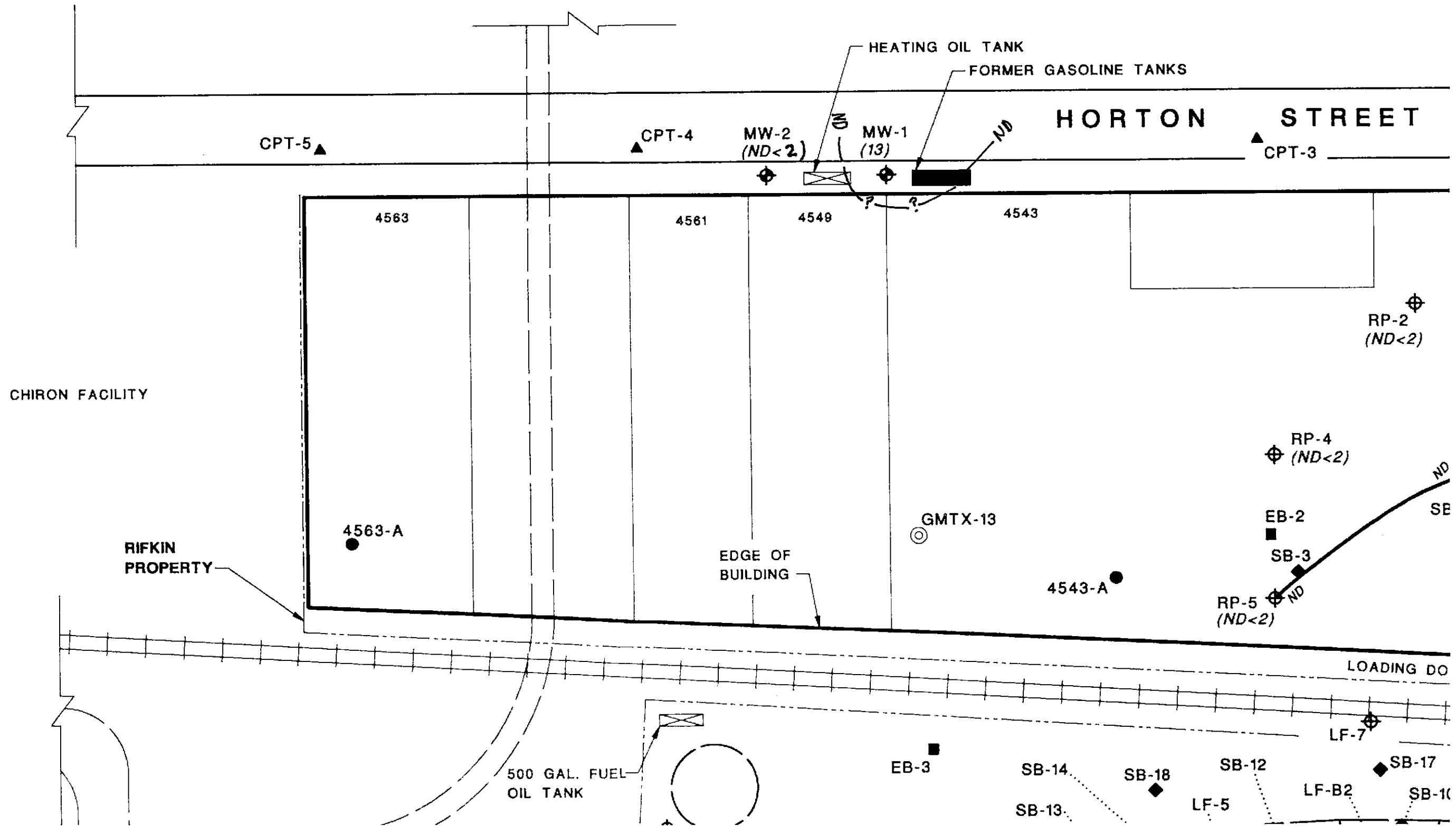
DATE OF DRAWING: APRIL, 1995

PROJECT NO. 115093

PLATE

7

CHIRON FACILITY



HORTON STREET

CPT-5 ▲

CPT-4 ▲

MW-2  
(ND<2)

MW-1  
(13)

CPT-3 ▲

4563

4581

4549

4543

RP-2  
(ND<2)

CHIRON FACILITY

RP-4  
(ND<2)

RIFKIN  
PROPERTY

4563-A ●

EDGE OF  
BUILDING

GMTX-13

4543-A ●

RP-5  
(ND<2)

LOADING DO

500 GAL. FUEL  
OIL TANK

EB-3

SB-14

SB-18

SB-12

SB-17

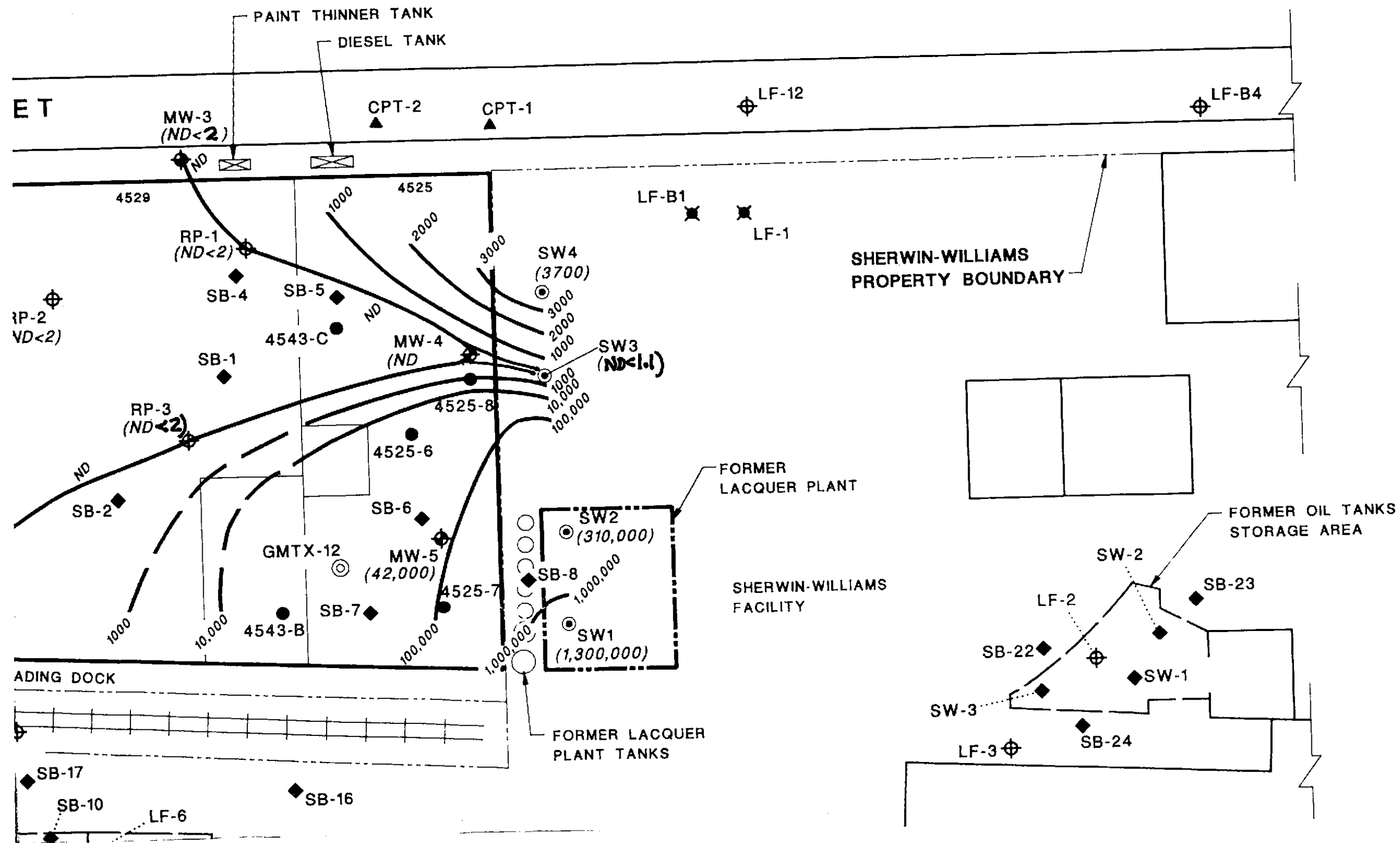
SB-13

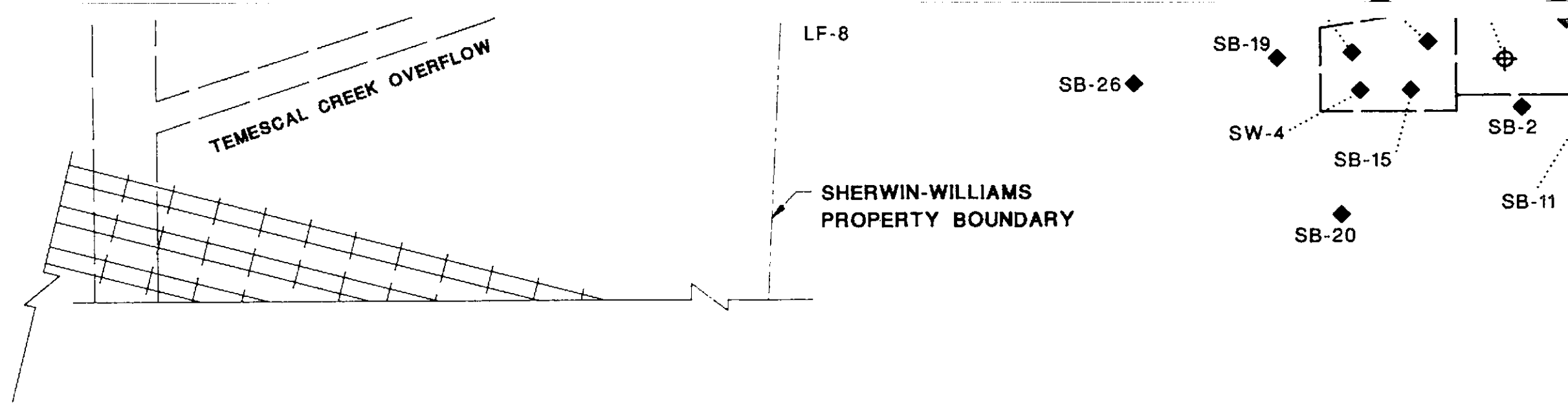
LF-5

LF-B2

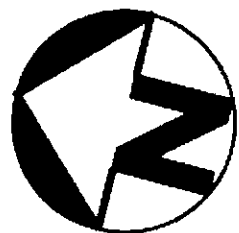
SB-10

LF-7





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80

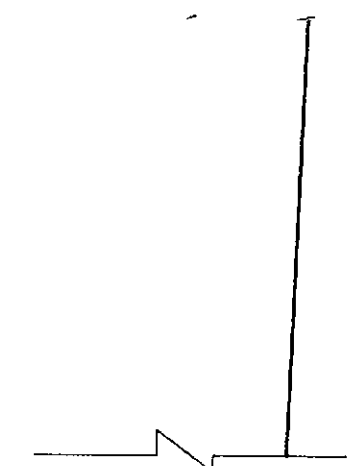
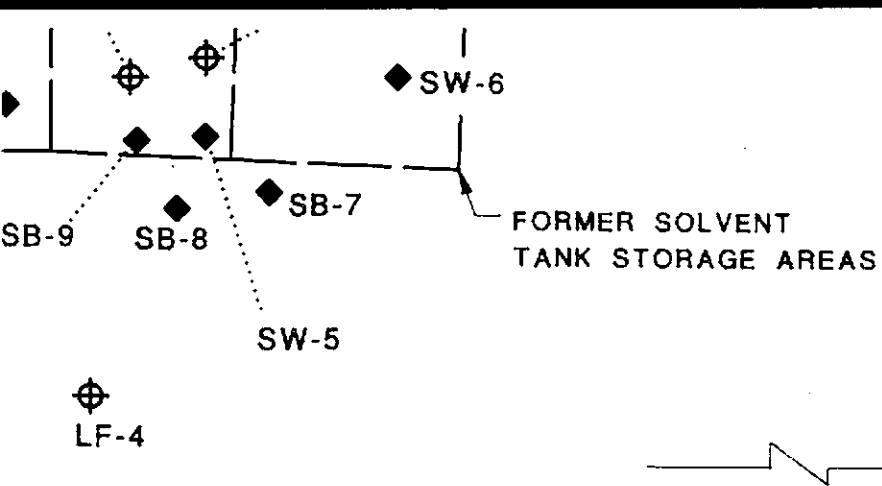


APPROXIMATE

### NOTES AND LIMITATIONS

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**EXPLANATION OF MAP SYMBOLS**

- |  |   |  |   |
|--|---|--|---|
|  | MONITORING WELL, TMC 1994   |  | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993    |
|  | MONITORING WELL, LEVINE FRICKE  |  | FORMER SOIL BORING LOCATION, HARRING LAWSON 1992                  |
|  | EXPLORATORY SOIL BORING, TMC 1994                                       |  | SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994       |
|  | GEOTECHNICAL SOIL BORING, EKI, 1994                                     |  | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY |
|  | UNDERGROUND TANKS REMOVED IN 1993                                       |  | DESTROYED WELL  |
|  | FORMER GASOLINE TANKS REMOVED IN 1988                                   |  | FENCE   |
|  | CONTOUR OF EQUAL CONCENTRATIONS IN PPB (UG/L)<br>DASHED WHERE ESTIMATED |  |   |
|  | ND = ANALYTES NOT DETECTED AT, OR ABOVE<br>LABORATORY DETECTION LIMITS  |  |   |



**TMC ENVIRONMENTAL, INC.**  
 13908 SAN PABLO AVENUE, SUITE 101  
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 510-232-8366 FAX 510-232-5133

**MEK CONCENTRATION  
 IN GROUND WATER (2-BUTANONE)**

**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

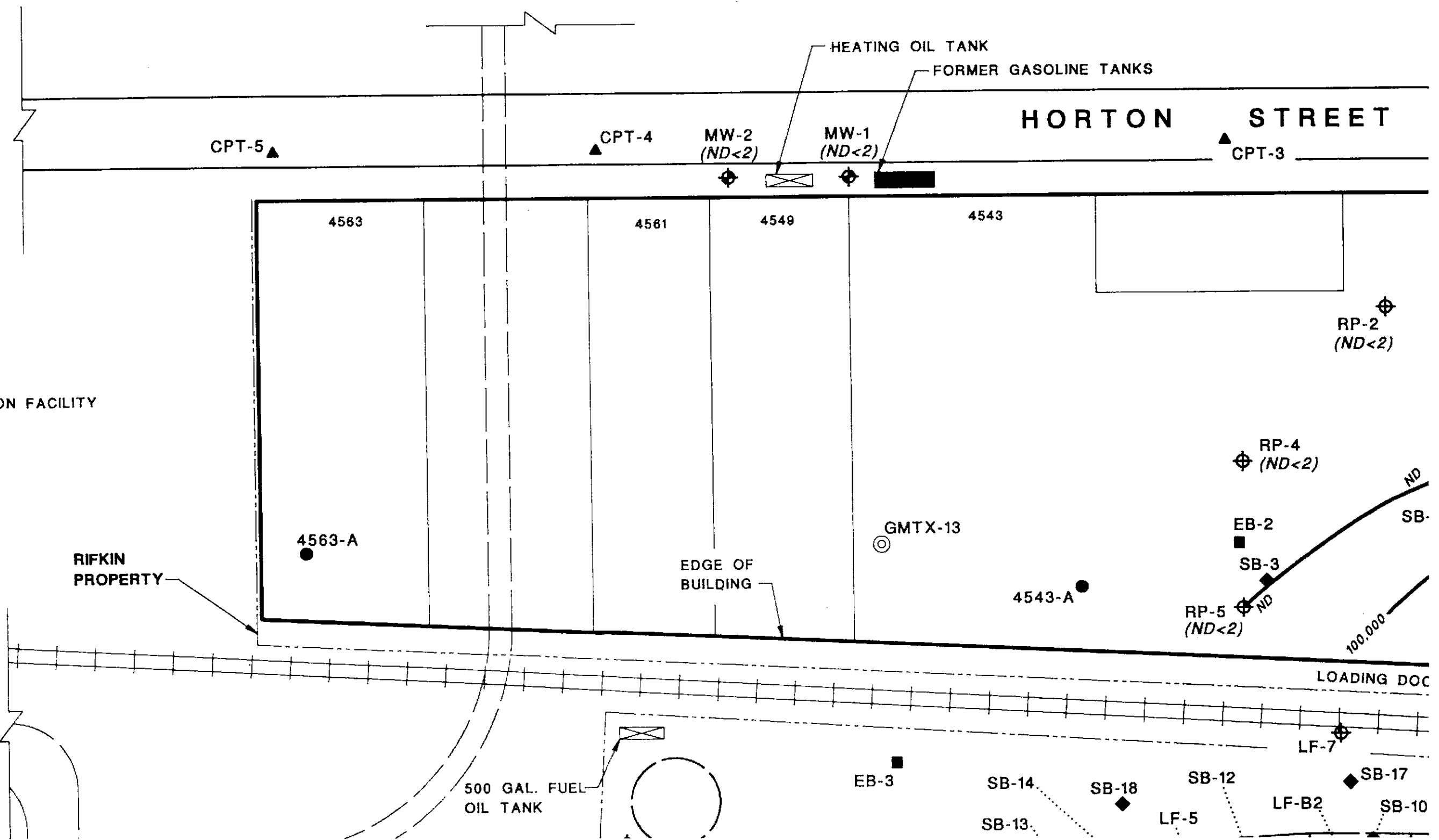
PLA'  
 8

CHIRON FACILITY

CHIRON FACILITY

RIFKIN PROPERTY

HORTON STREET



CPT-5 ▲

CPT-4 ▲

MW-2 (ND<2)

MW-1 (ND<2)

CPT-3 ▲

4563

4561

4549

4543

RP-2 (ND<2)

RP-4 (ND<2)

4563-A ●

GMTX-13 ⊙

EB-2 ■

SB-3 ■

4543-A ●

RP-5 (ND<2) ⊕

EDGE OF BUILDING

LOADING DOCK

500 GAL. FUEL OIL TANK

EB-3 ■

SB-14

SB-18 ■

SB-12

SB-17 ■

SB-13

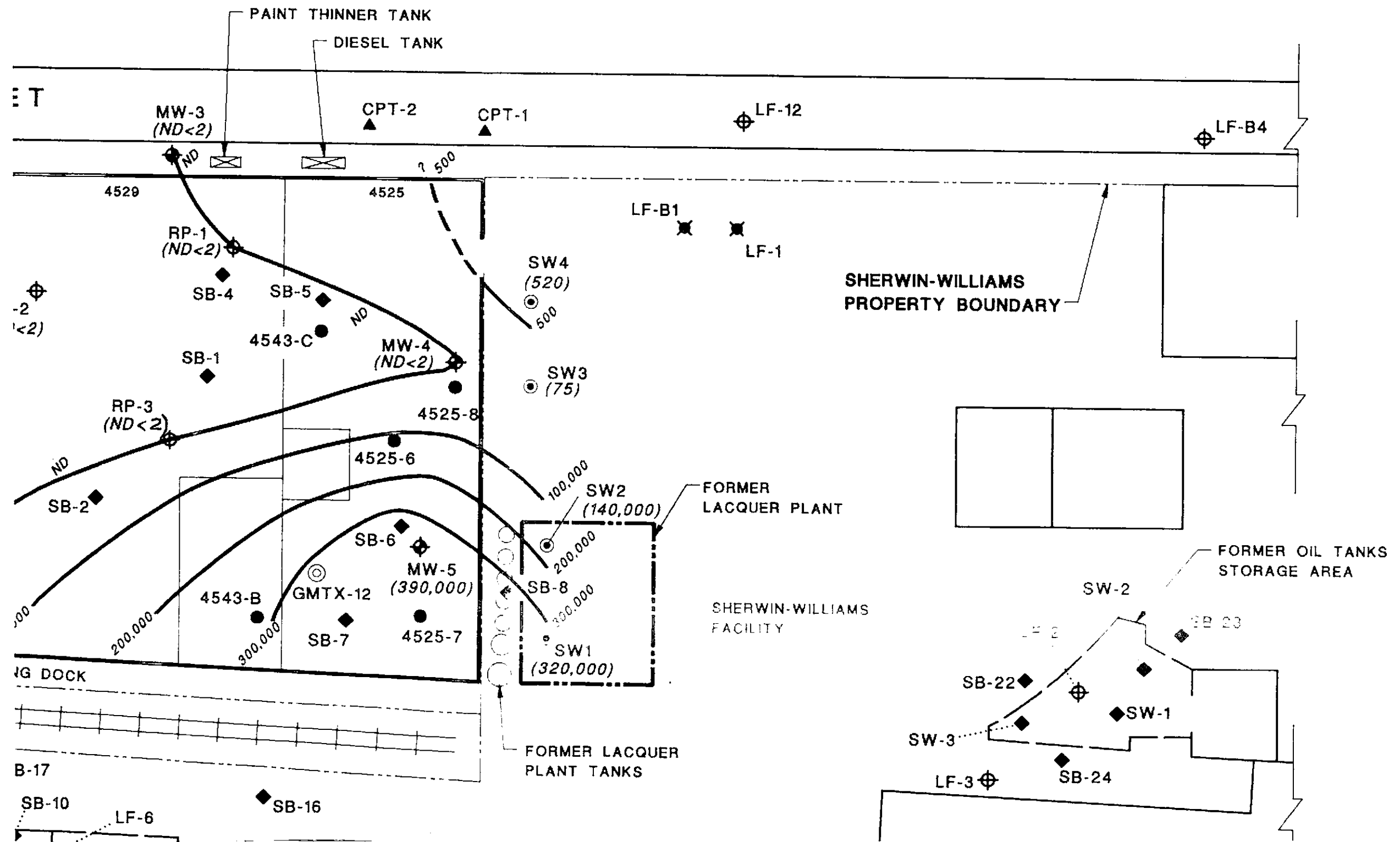
LF-5

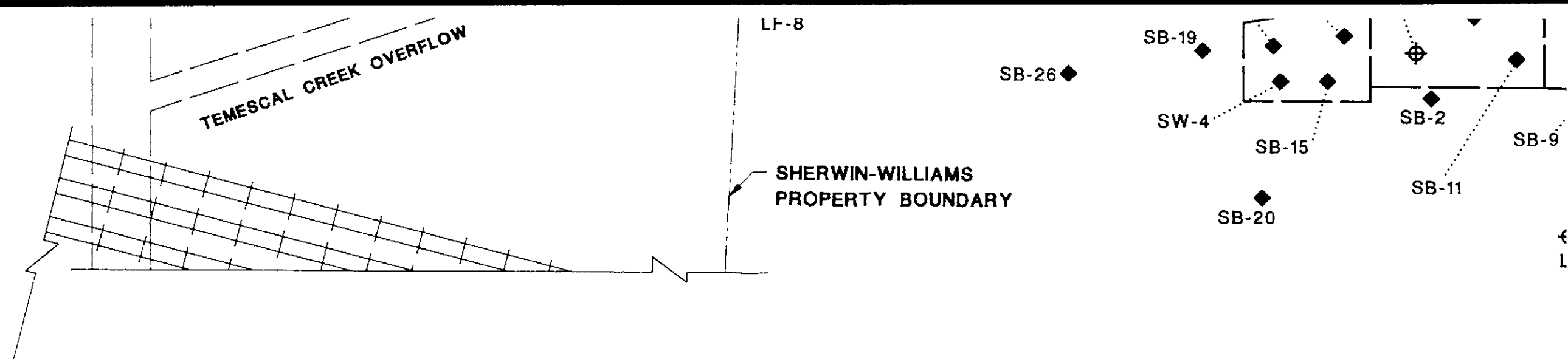
LF-B2

SB-10

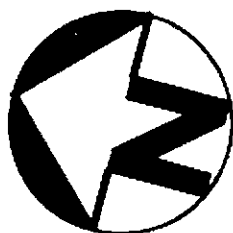
LF-7

100,000





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



APPROXIMATE

## NOTES AND LIMITATIONS

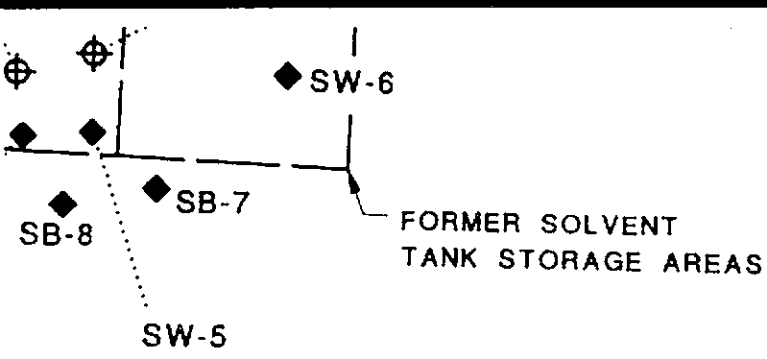
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**T**  
Enviro





**EXPLANATION OF MAP SYMBOLS**

- MONITORING WELL, TMC 1994
- MONITORING WELL, LEVINE FRICKE
- EXPLORATORY SOIL BORING, TMC 1994
- GEOTECHNICAL SOIL BORING, EKI, 1994
- UNDERGROUND TANKS REMOVED IN 1993
- FORMER GASOLINE TANKS REMOVED IN 1988
- CONTOUR OF EQUAL CONCENTRATIONS IN PPB (UG/L)  
DASHED WHERE ESTIMATED
- ND - ANALYTES NOT DETECTED AT, OR ABOVE  
LABORATORY DETECTION LIMITS
- CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993
- FORMER SOIL BORING LOCATION, HARRING LAWSON 1992
- SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994
- SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993
- DESTROYED WELL
- FENCE



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**MIBK CONCENTRATION IN  
 GROUND WATER  
 (4-METHYL, 2-PENTANONE)**

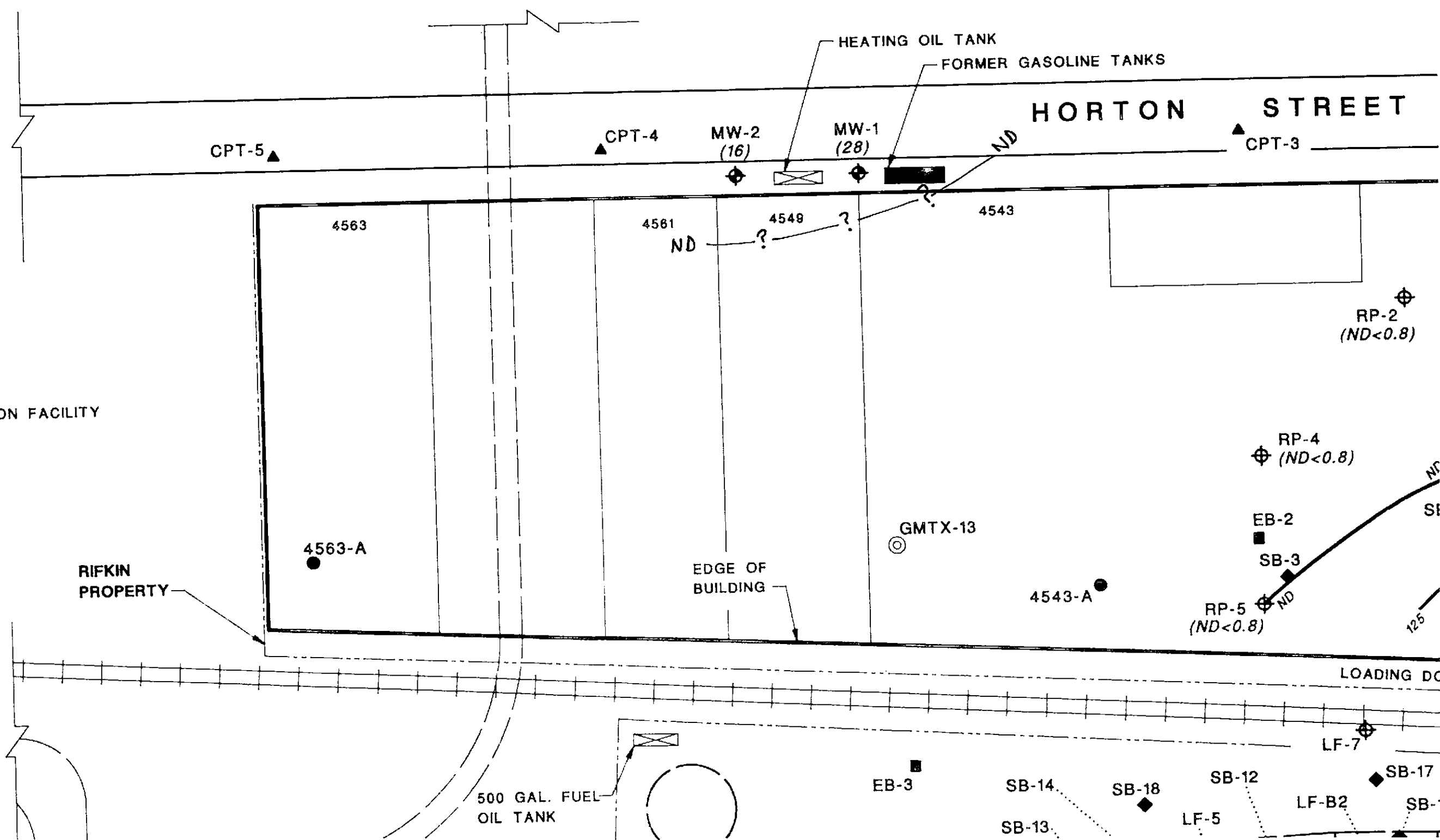
**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

**9**

CHIRON FACILITY



HORTON STREET

CHIRON FACILITY

RIFKIN PROPERTY

EDGE OF BUILDING

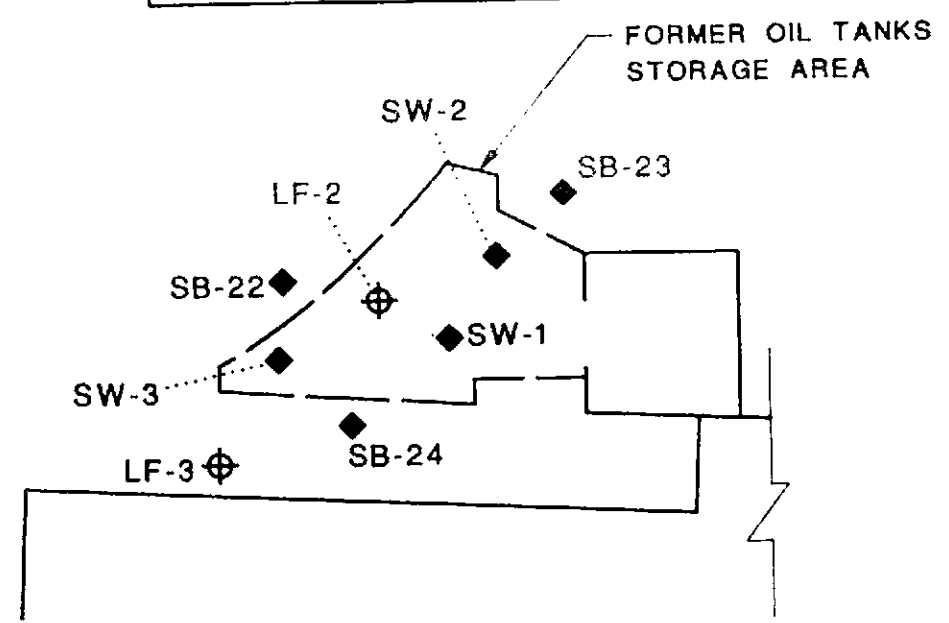
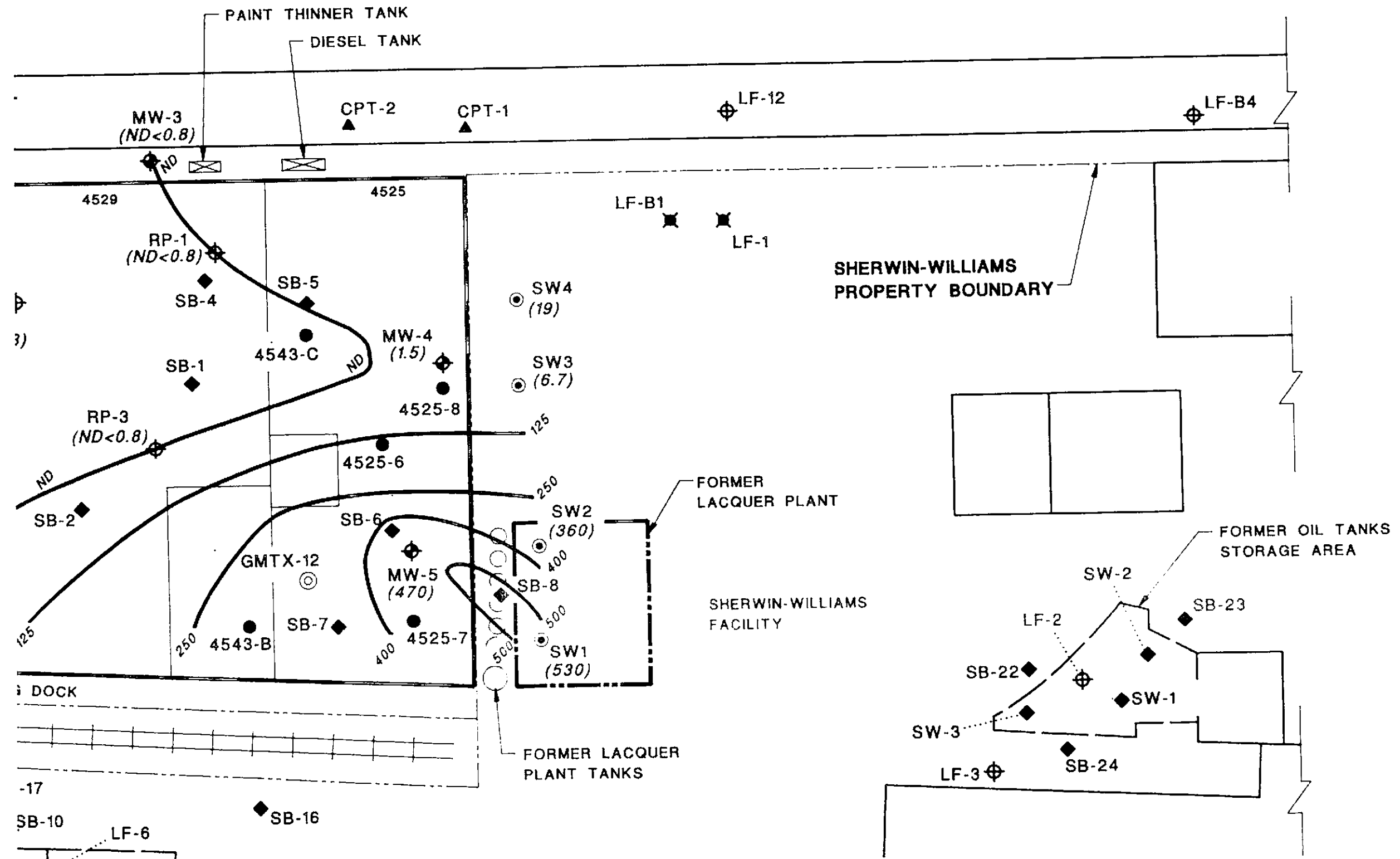
500 GAL. FUEL OIL TANK

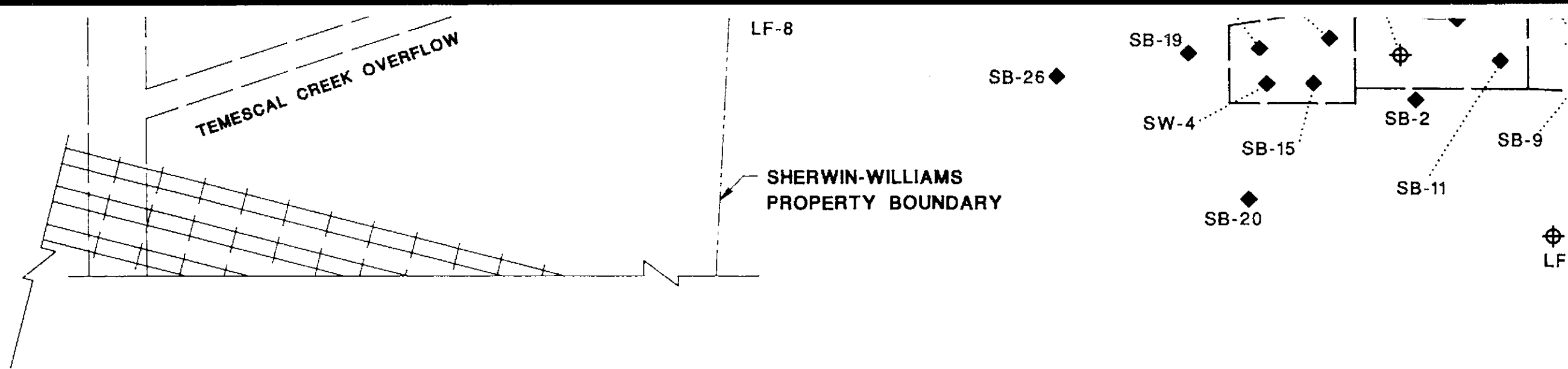
HEATING OIL TANK

FORMER GASOLINE TANKS

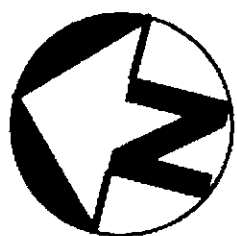
LOADING DC

125





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



APPROXIMATE

## NOTES AND LIMITATIONS

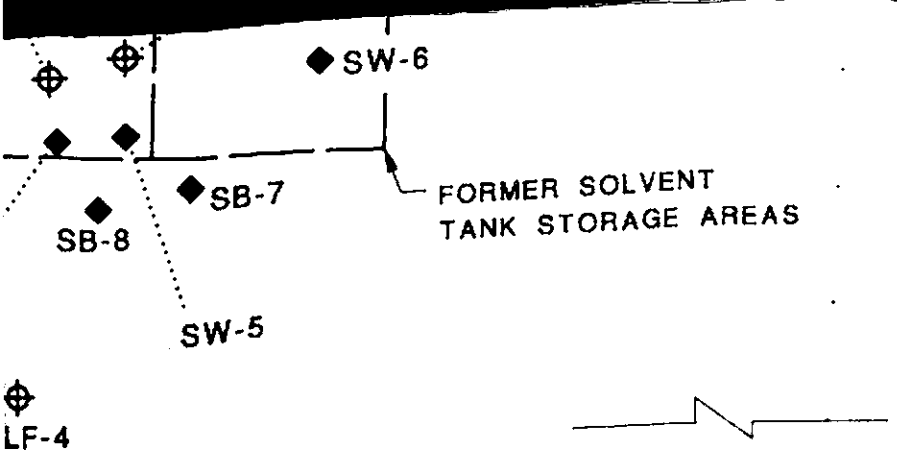
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T

Enviroi



**EXPLANATION OF MAP SYMBOLS**

- |  |   |  |  |
|--|---|--|--|
|  | MONITORING WELL, TMC 1994   |  | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993         |
|  | MONITORING WELL, LEVINE FRICKE  |  | FORMER SOIL BORING LOCATION, HARLING LAWSON 1992                       |
|  | EXPLORATORY SOIL BORING, TMC 1994                                       |  | SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994            |
|  | GEOTECHNICAL SOIL BORING, EKI, 1994                                     |  | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993 |
|  | UNDERGROUND TANKS REMOVED IN 1993                                       |  | DESTROYED WELL   |
|  | FORMER GASOLINE TANKS REMOVED IN 1988                                   |  | FENCE  |
|  | CONTOUR OF EQUAL CONCENTRATIONS IN PPB (UG/L)<br>DASHED WHERE ESTIMATED |  |  |
|  | ND - ANALYTES NOT DETECTED AT, OR ABOVE<br>LABORATORY DETECTION LIMITS  |  |  |

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**BENZENE CONCENTRATION  
IN GROUND WATER**

**RIFKIN PROPERTY  
EMERYVILLE, CALIFORNIA**

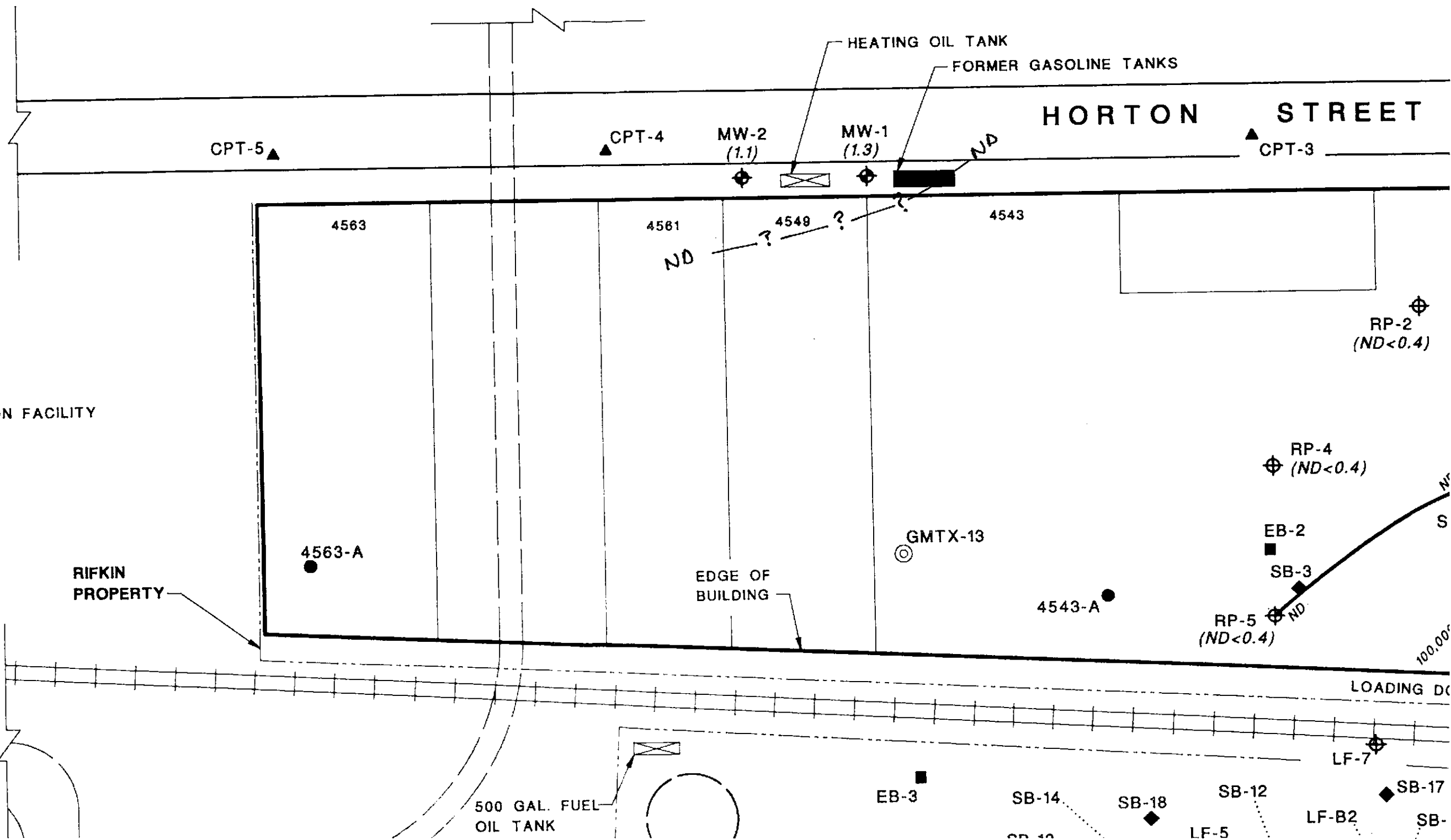
DATE OF DRAWING: APRIL, 1995

PROJECT NO. 115093

PLATE

**10**

CHIRON FACILITY



HORTON STREET

CHIRON FACILITY

RIFKIN PROPERTY

500 GAL. FUEL OIL TANK

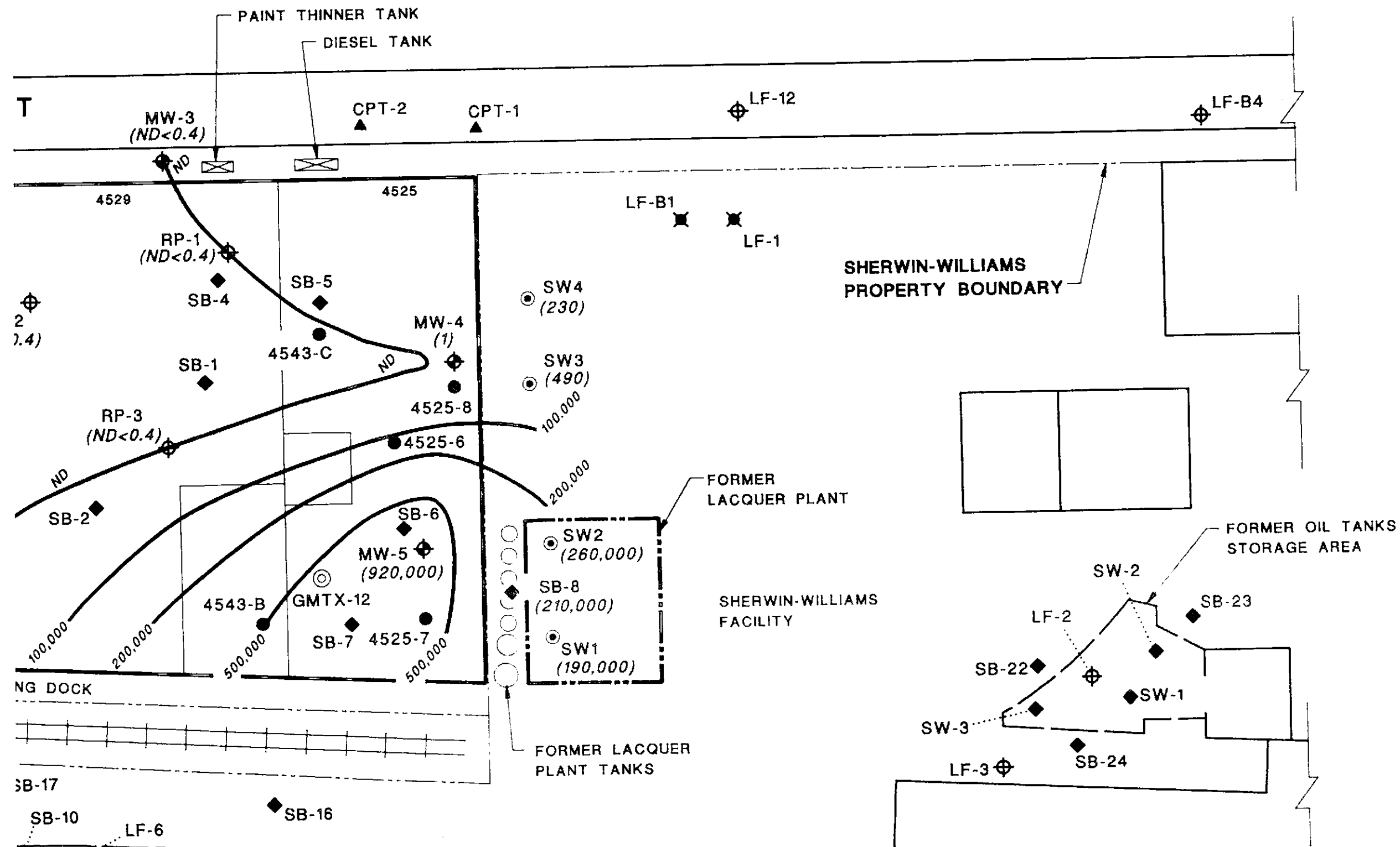
EDGE OF BUILDING

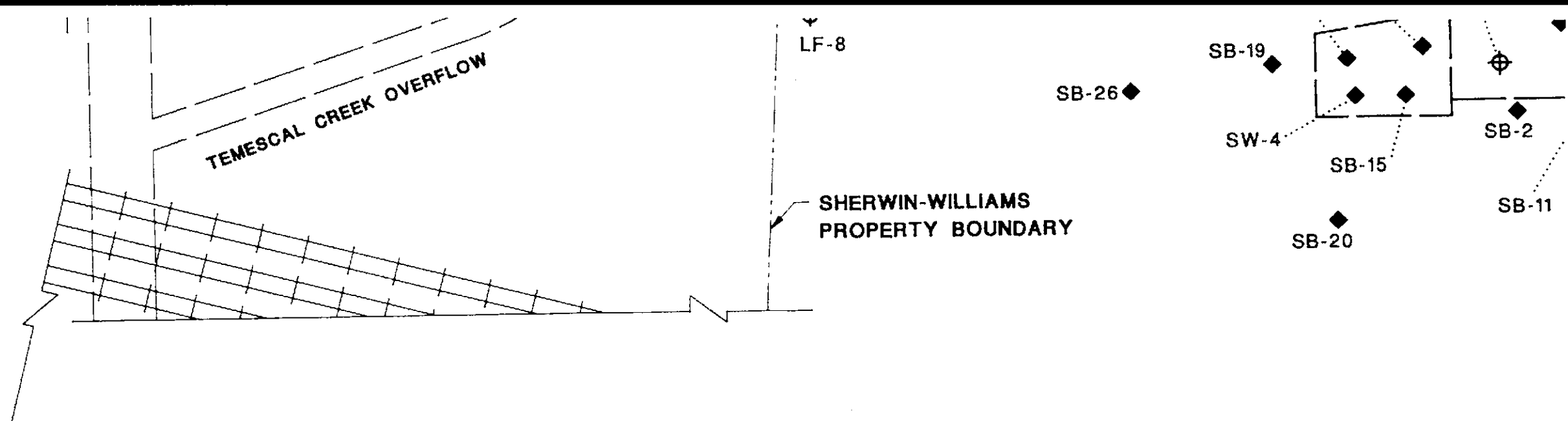
HEATING OIL TANK

FORMER GASOLINE TANKS

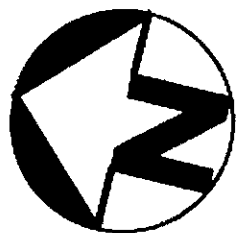
LOADING DOCK

100,000





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



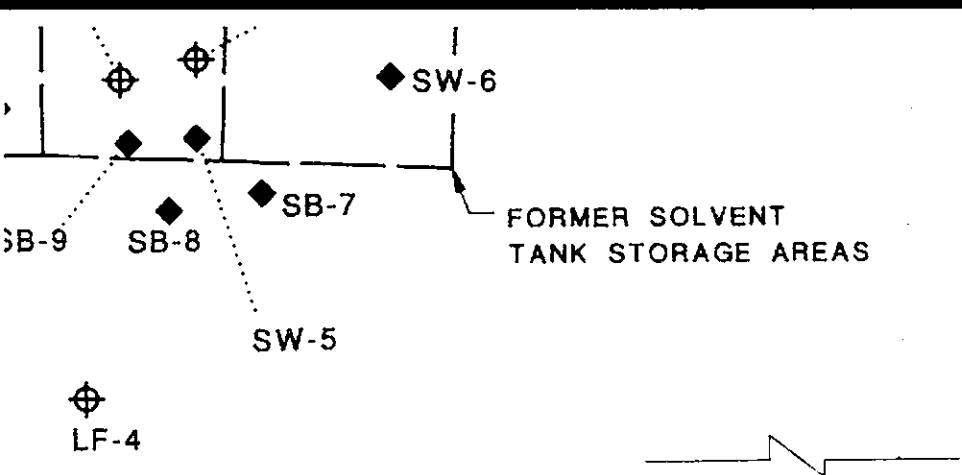
APPROXIMATE

## NOTES AND LIMITATIONS















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**EXPLANATION OF MAP SYMBOLS**

-  MONITORING WELL, TMC 1994
-  MONITORING WELL, LEVINE FRICKE
-  EXPLORATORY SOIL BORING, TMC 1994
-  GEOTECHNICAL SOIL BORING, EKI, 1994
-  UNDERGROUND TANKS REMOVED IN 1999
-  FORMER GASOLINE TANKS REMOVED IN 1988
-  CONTOUR OF EQUAL CONCENTRATIONS IN PPB (UG/L)  
DASHED WHERE ESTIMATED
-  ND - ANALYTES NOT DETECTED AT, OR ABOVE  
LABORATORY DETECTION LIMITS
-  CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993
-  FORMER SOIL BORING LOCATION, HAR'ING LAWSON 1992
-  SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994
-  SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY
-  DESTROYED WELL
-  FENCE



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 SAN PABLO, CALIFORNIA 94806  
 510-232-8366 FAX 510-232-5133

**TOLUENE CONCENTRATION  
 IN GROUND WATER**

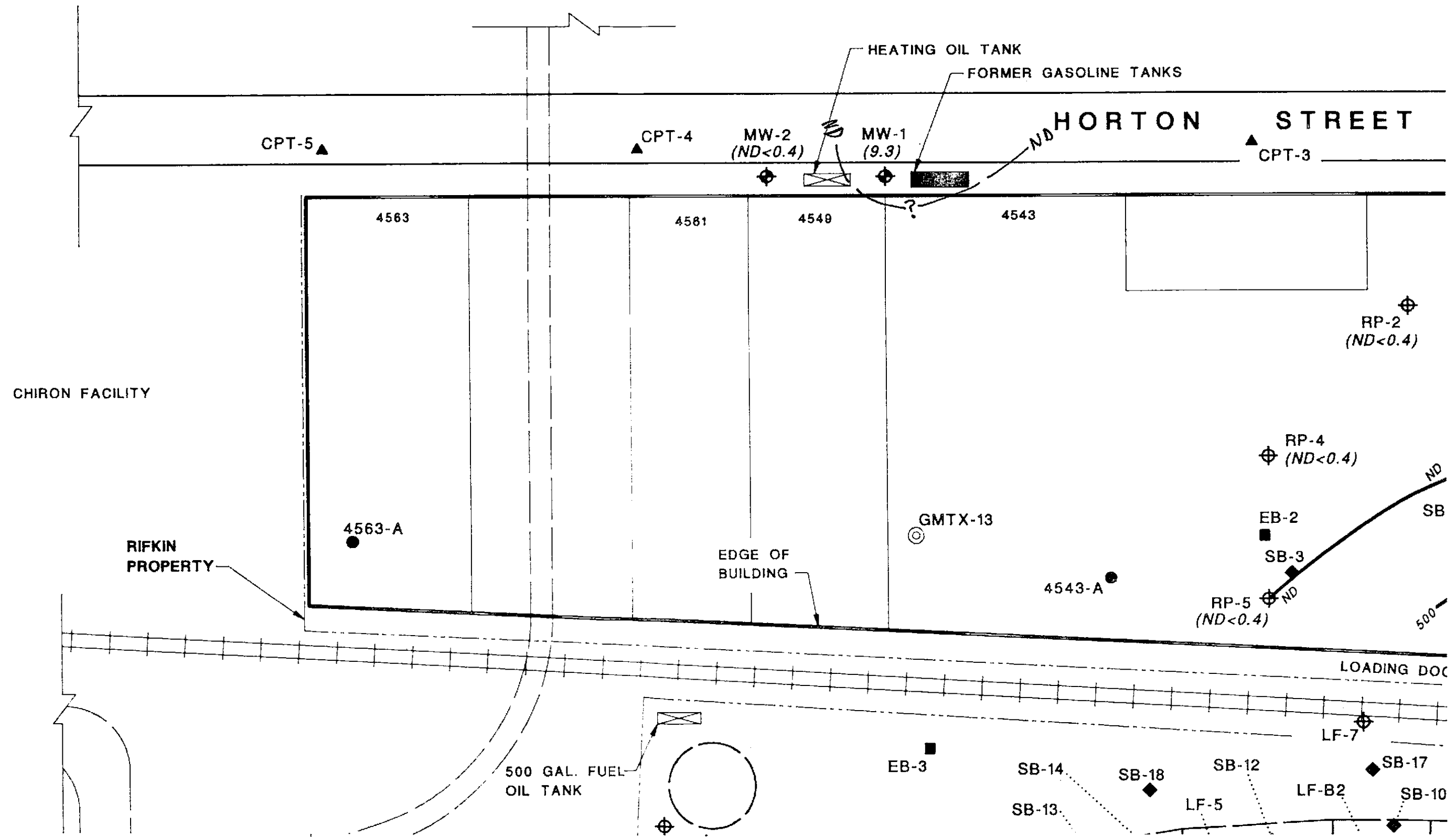
**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLA

**1**

CHIRON FACILITY



CPT-5 ▲

CPT-4 ▲

MW-2  
(ND < 0.4)

MW-1  
(9.3)

CPT-3 ▲

HORTON STREET

4563

4561

4549

4543

RP-2  
(ND < 0.4)

CHIRON FACILITY

RP-4  
(ND < 0.4)

RIFKIN  
PROPERTY

4563-A

EDGE OF  
BUILDING

GMTX-13

4543-A

RP-5  
(ND < 0.4)

500

LOADING DOCK

500 GAL. FUEL  
OIL TANK

EB-3

SB-14

SB-18

SB-12

SB-17

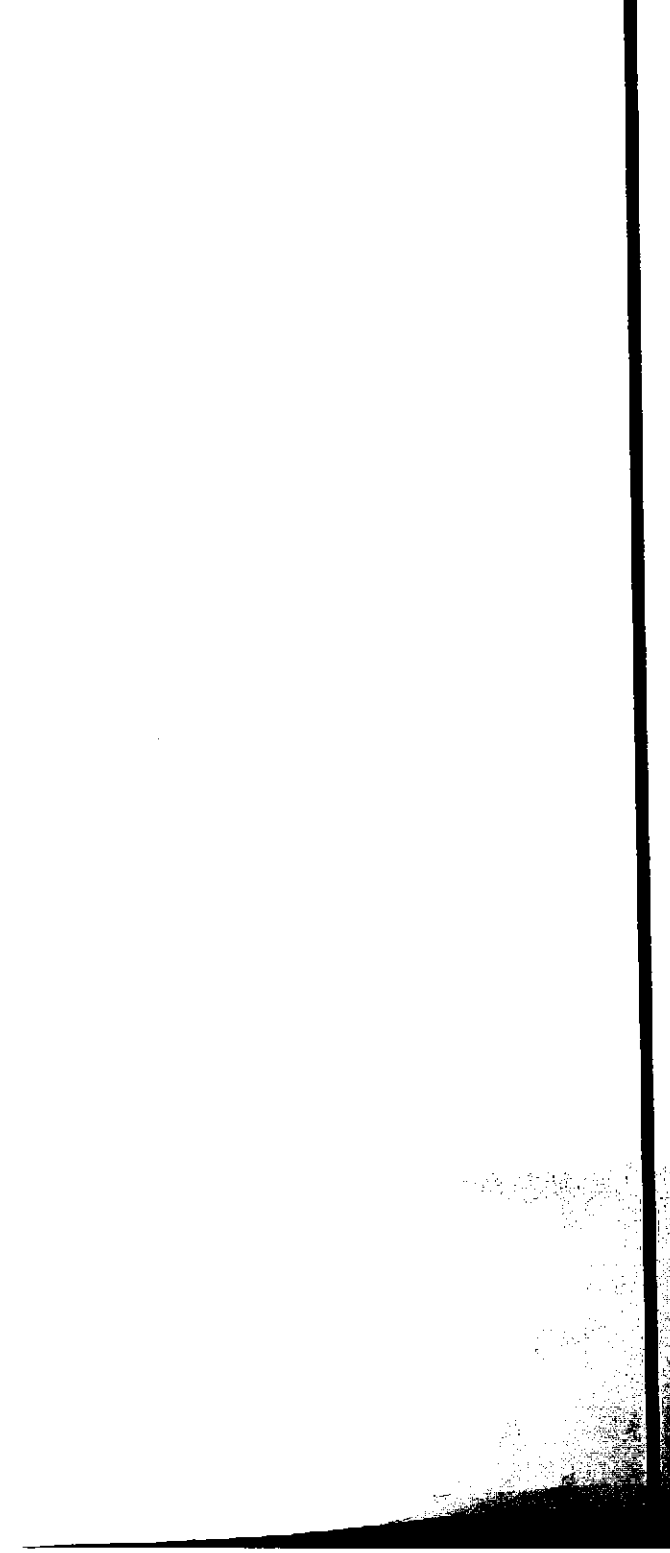
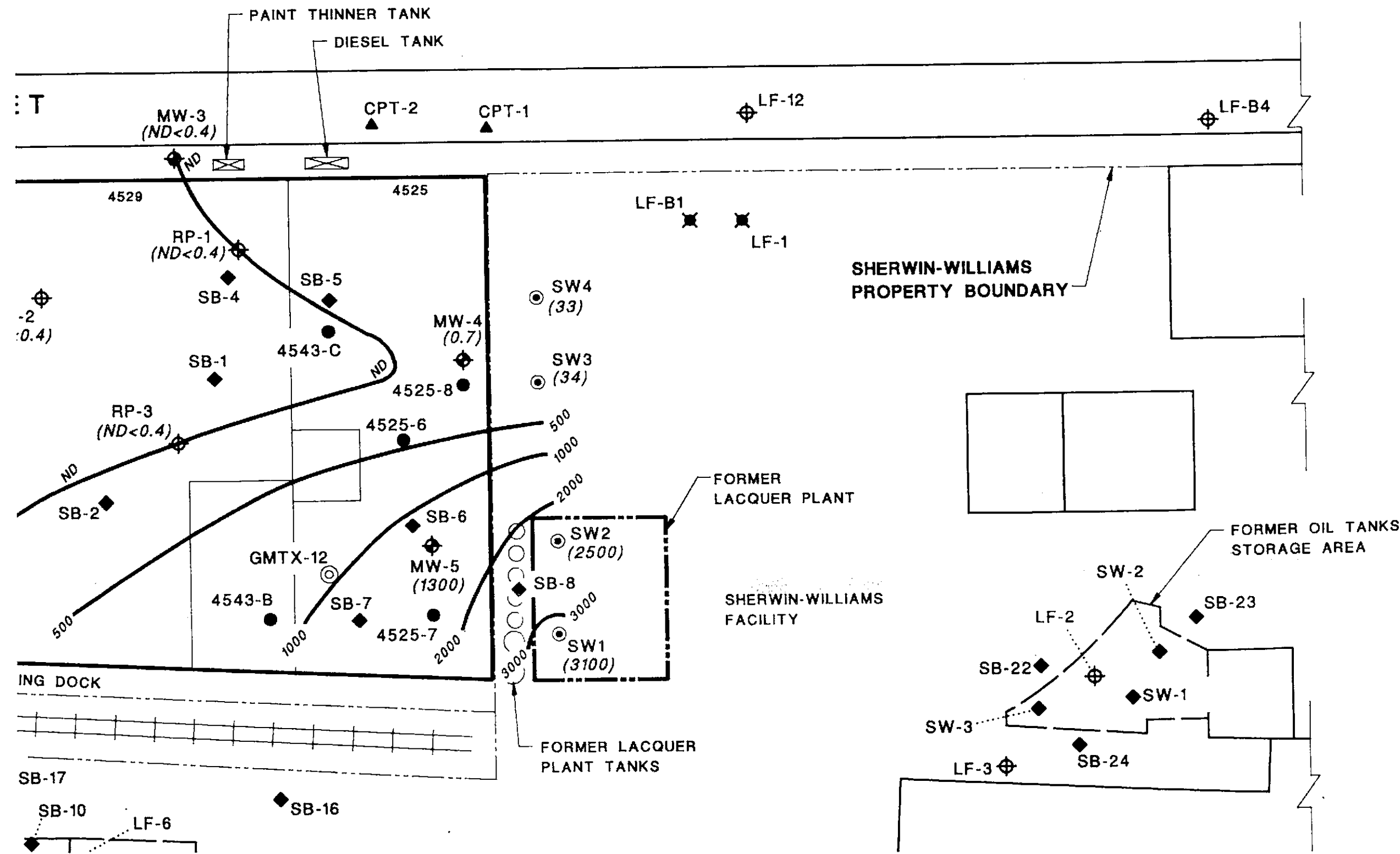
SB-13

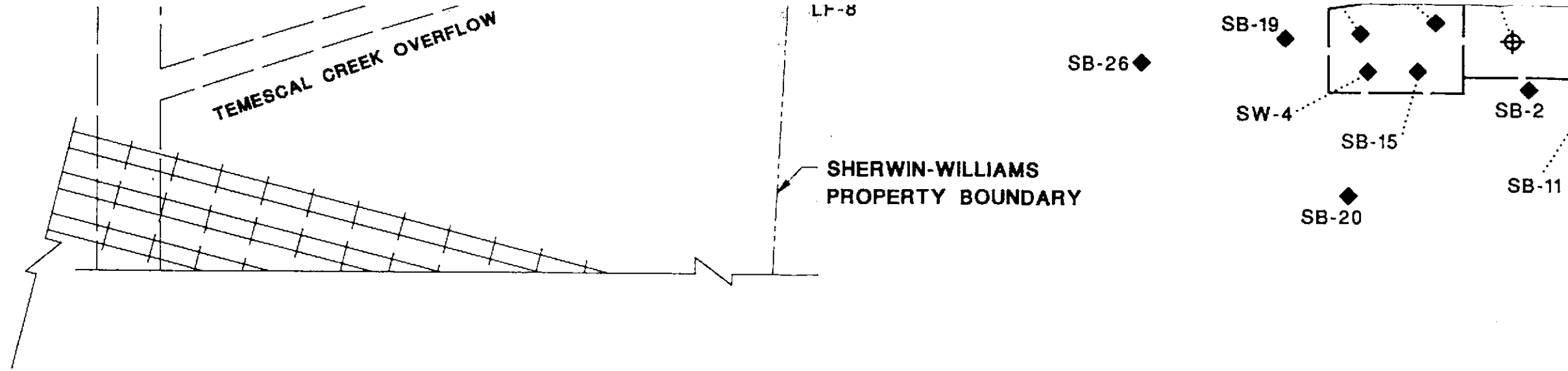
LF-5

LF-B2

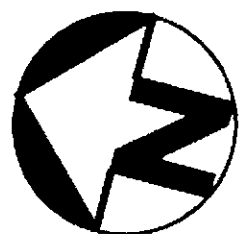
SB-10

LF-7





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80

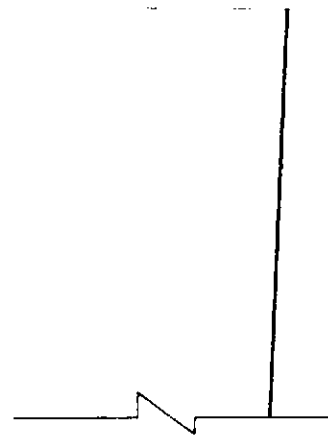
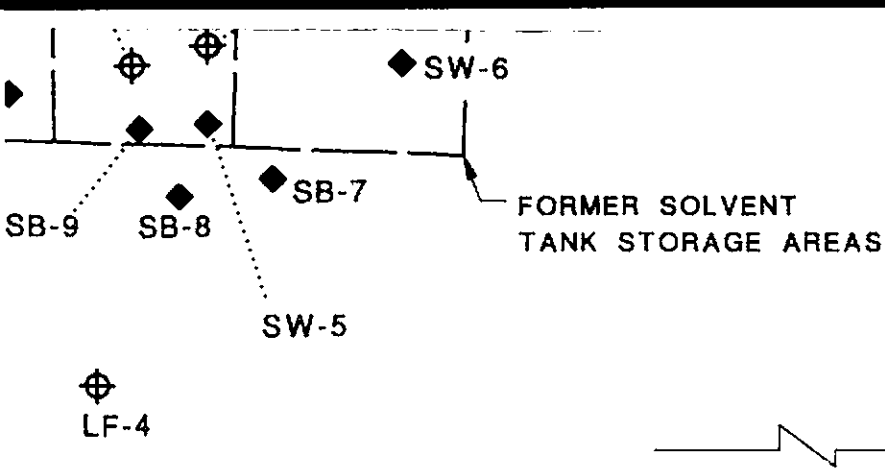


APPROXIMATE

### NOTES AND LIMITATIONS

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**EXPLANATION OF MAP SYMBOLS**

- |  |   |  |   |
|--|---|--|---|
|  | MONITORING WELL, TMC 1994   |  | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993    |
|  | MONITORING WELL, LEVINE FRICKE  |  | FORMER SOIL BORING LOCATION, HARRING LAWSON 1992                  |
|  | EXPLORATORY SOIL BORING, TMC 1994                                       |  | SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994       |
|  | GEOTECHNICAL SOIL BORING, EKI, 1994                                     |  | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY |
|  | UNDERGROUND TANKS REMOVED IN 1993                                       |  | DESTROYED WELL  |
|  | FORMER GASOLINE TANKS REMOVED IN 1988                                   |  | FENCE   |
|  | CONTOUR OF EQUAL CONCENTRATIONS IN PPB (UG/L)<br>DASHED WHERE ESTIMATED |  |   |
|  | ND - ANALYTES NOT DETECTED AT, OR ABOVE<br>LABORATORY DETECTION LIMITS  |  |   |



**TMC ENVIRONMENTAL, INC.**

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 SAN PABLO, CALIFORNIA 94806  
 510-232-8366 FAX 510-232-5133

**ETHYLBENZENE CONCENTRATION  
 IN GROUND WATER**

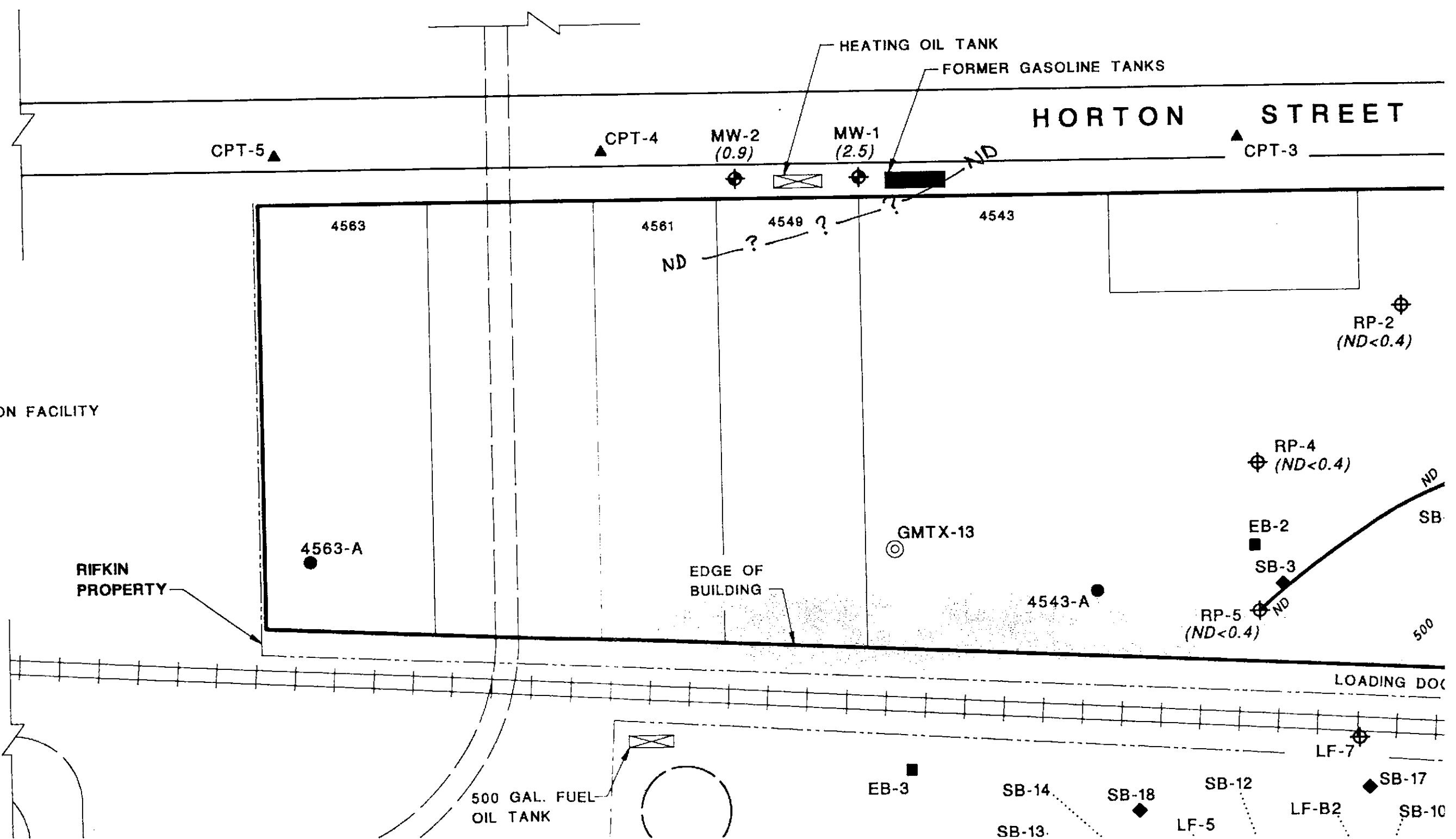
**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLA

12

CHIRON FACILITY



HORTON STREET

CPT-5

CPT-4

MW-2  
(0.9)

MW-1  
(2.5)

ND

CPT-3

4563

4561

4549 ?

4543

ND

RP-2  
(ND < 0.4)

CHIRON FACILITY

RP-4  
(ND < 0.4)

RIFKIN  
PROPERTY

4563-A

EDGE OF  
BUILDING

GMTX-13

EB-2

SB-3

4543-A

RP-5  
(ND < 0.4)

500

LOADING DOCK

500 GAL. FUEL  
OIL TANK

EB-3

SB-14

SB-18

SB-12

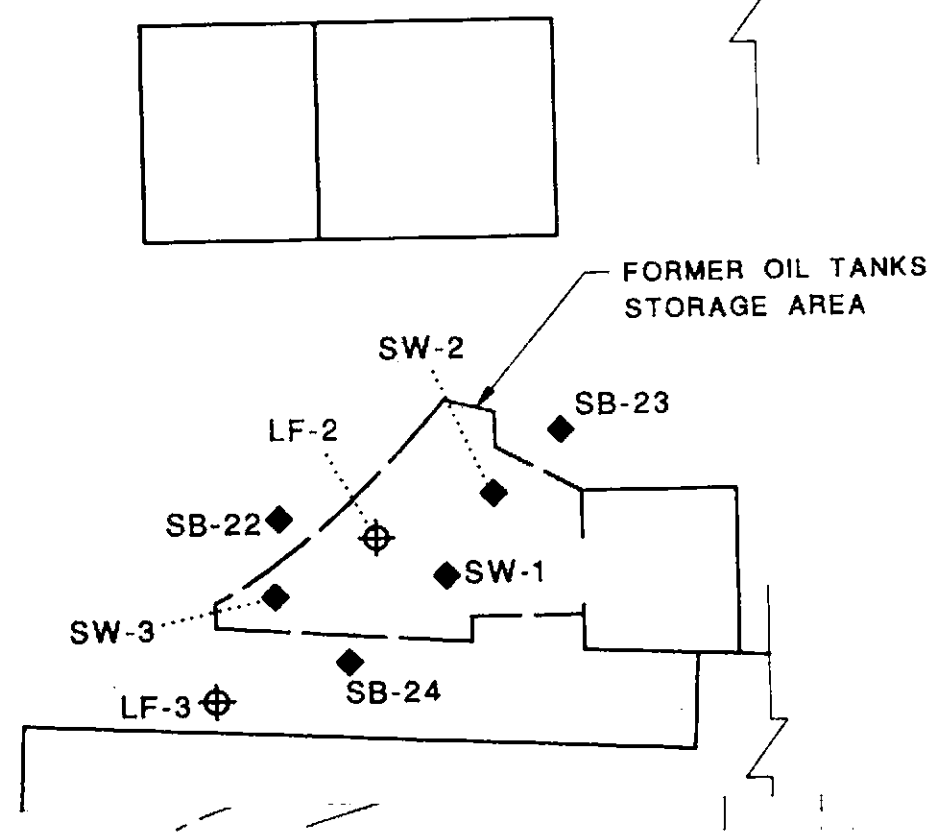
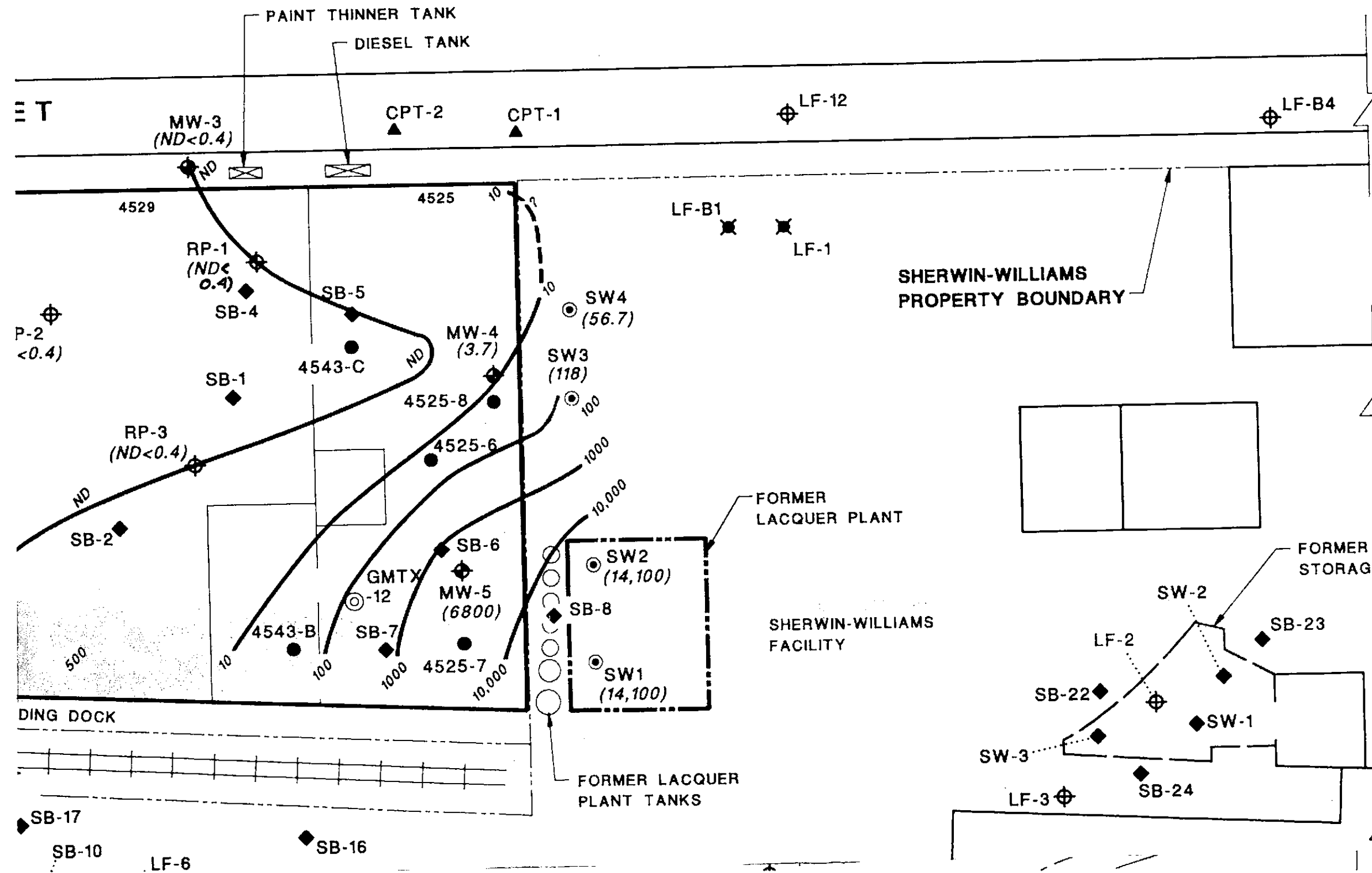
LF-5

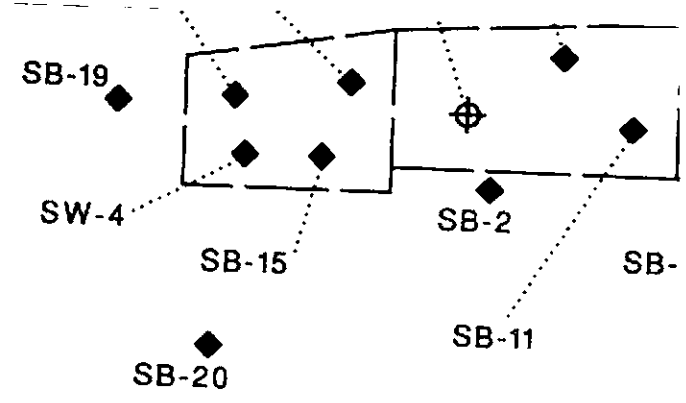
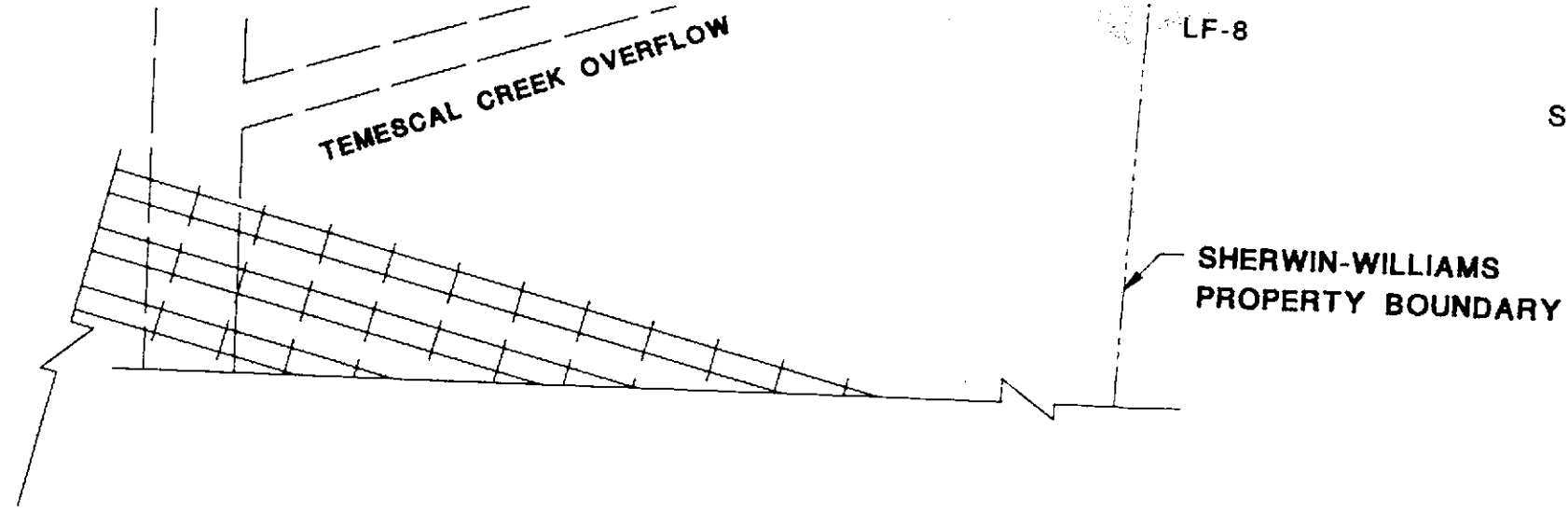
LF-7

LF-B2

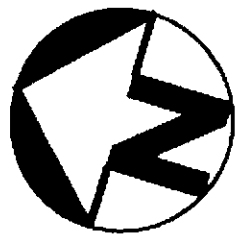
SB-17

SB-10



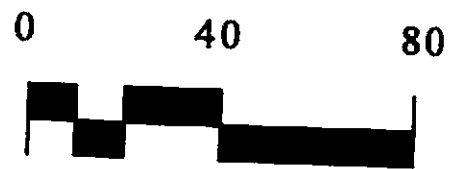


NORTH ARROW



APPROXIMATE

SCALE IN FEET



APPROXIMATE

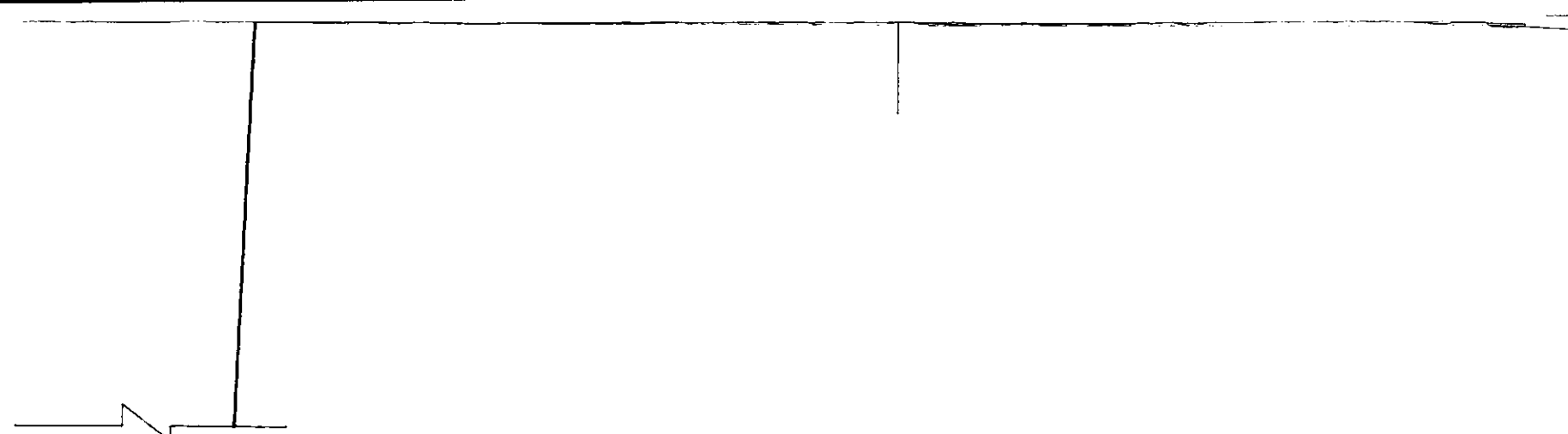
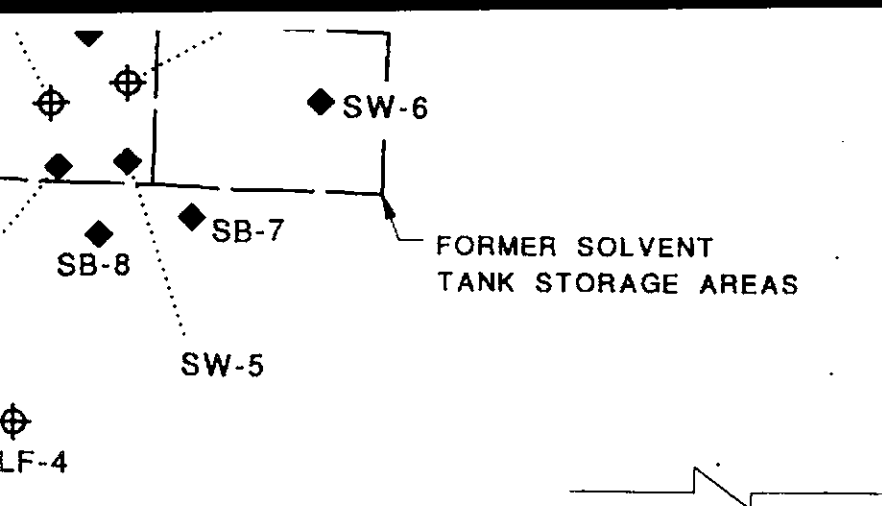
## NOTES AND LIMITATIONS

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**EXPLANATION OF MAP SYMBOLS**

- MONITORING WELL, TMC 1994
- MONITORING WELL, LEVINE FRICKE
- EXPLORATORY SOIL BORING, TMC 1994
- GEOTECHNICAL SOIL BORING, EKI, 1994
- UNDERGROUND TANKS REMOVED IN 1993
- FORMER GASOLINE TANKS REMOVED IN 1988
- CONTOUR OF EQUAL CONCENTRATIONS IN PPB (UG/L)  
DASHED WHERE ESTIMATED
- ND - ANALYTES NOT DETECTED AT, OR ABOVE  
LABORATORY DETECTION LIMITS
- CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993
- FORMER SOIL BORING LOCATION, HARLING LAWSON 1992
- SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994
- SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993
- DESTROYED WELL
- FENCE



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**XYLENE CONCENTRATION  
 IN GROUND WATER**

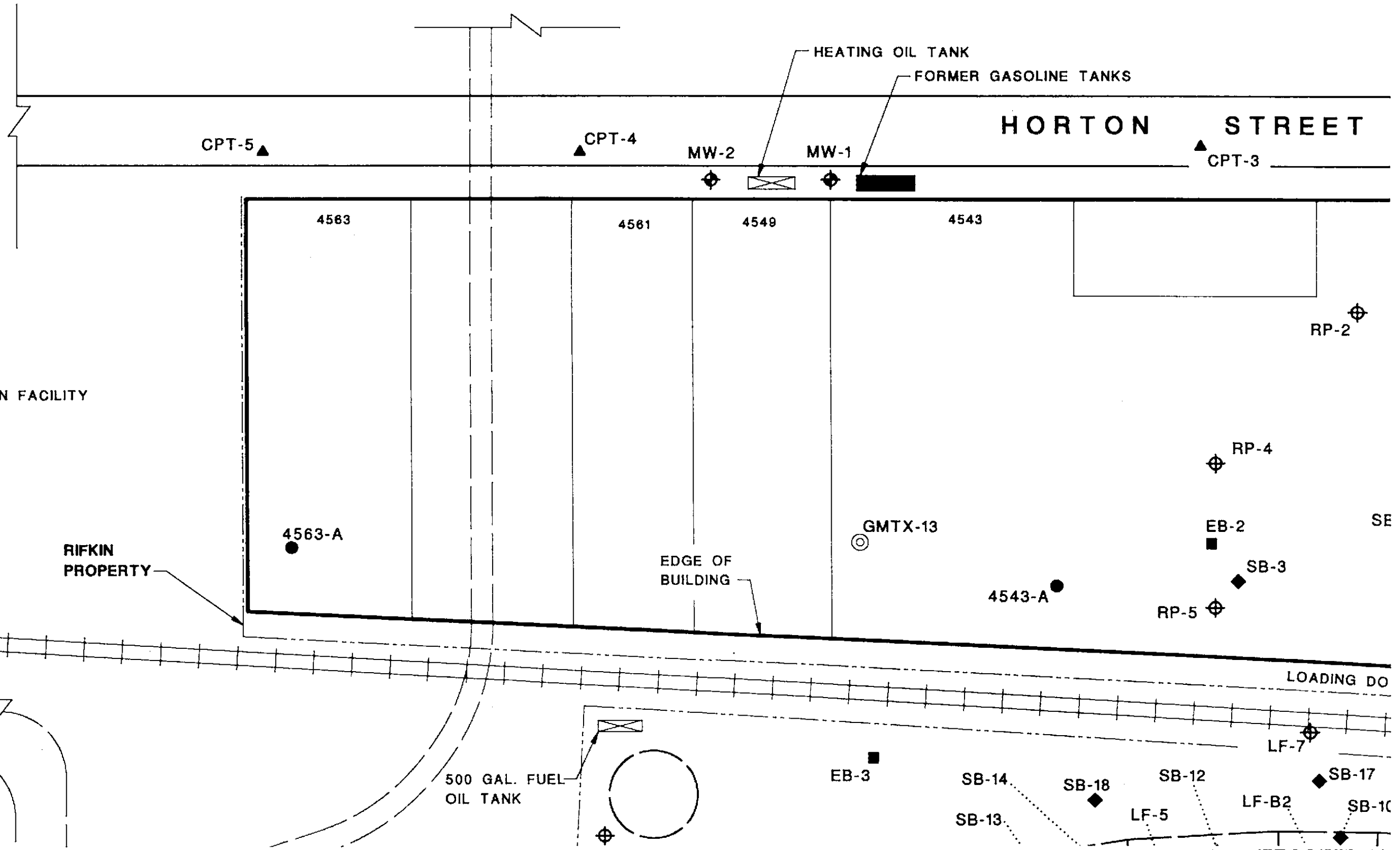
**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

**13**

CHIRON FACILITY



HORTON STREET

CHIRON FACILITY

RIFKIN PROPERTY

500 GAL. FUEL OIL TANK

EDGE OF BUILDING

HEATING OIL TANK

FORMER GASOLINE TANKS

LOADING DOCK

CPT-5

CPT-4

MW-2

MW-1

CPT-3

4563

4561

4549

4543

4563-A

GMTX-13

4543-A

RP-2

RP-4

EB-2

SB-3

RP-5

EB-3

SB-14

SB-18

SB-12

SB-17

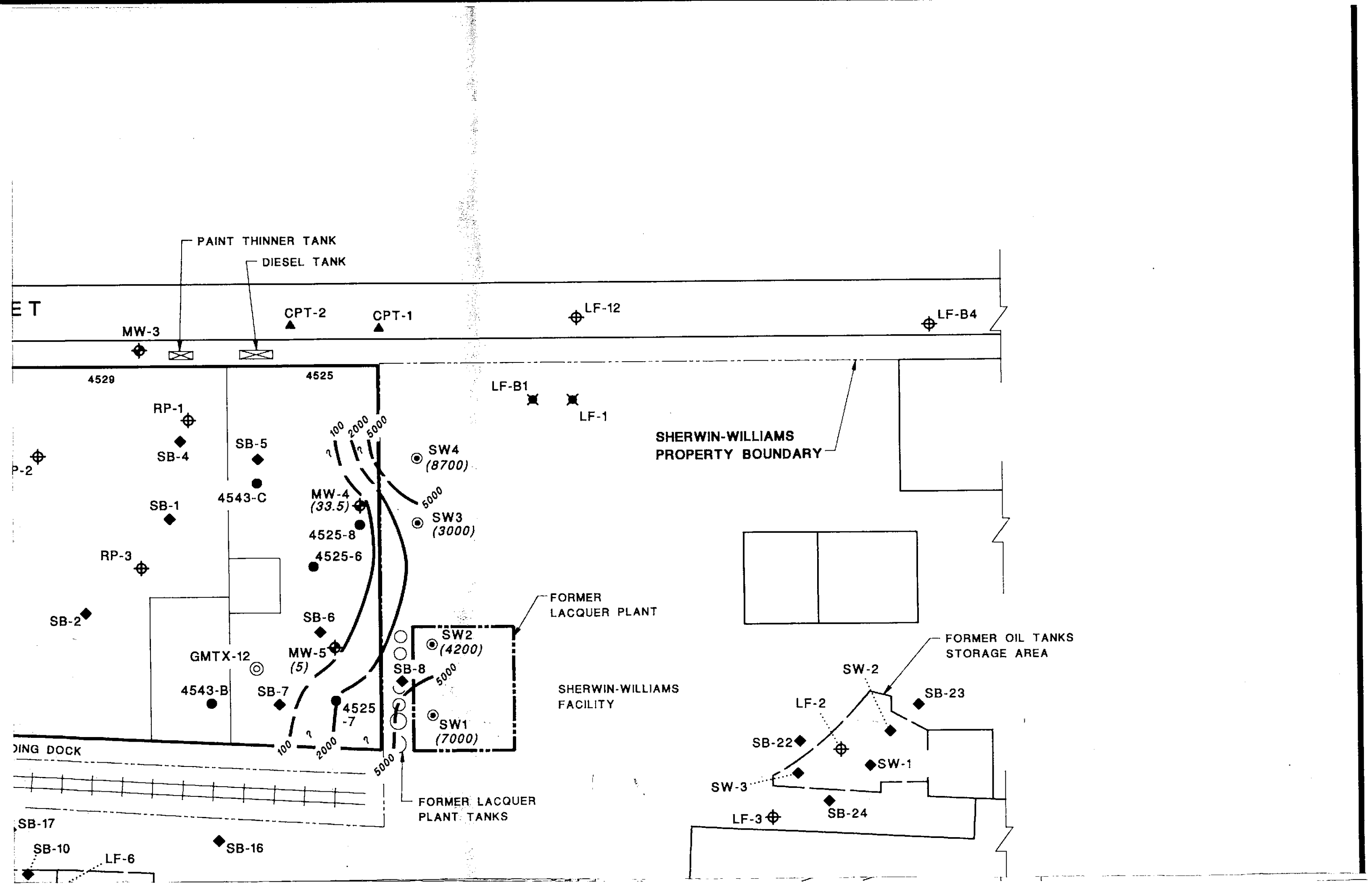
SB-13

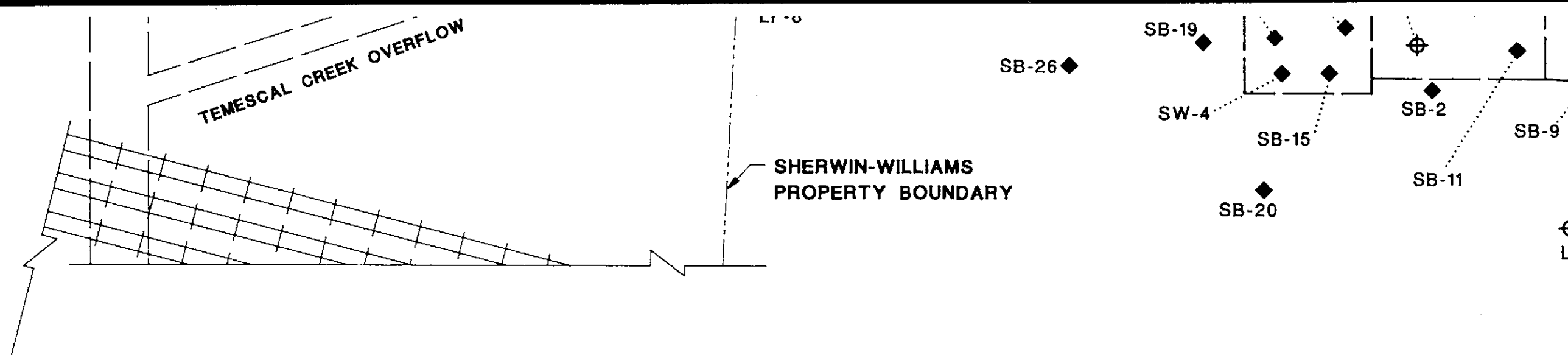
LF-5

LF-B2

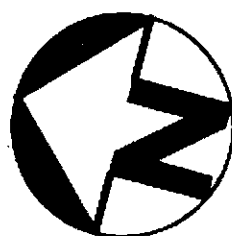
SB-10

LF-7





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



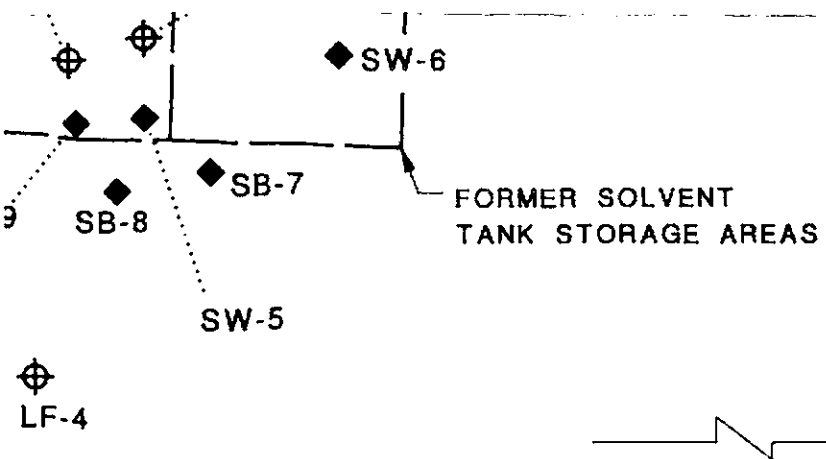
APPROXIMATE

## NOTES AND LIMITATIONS

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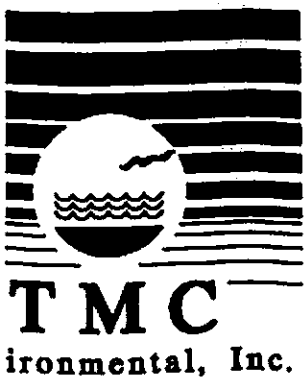
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### EXPLANATION OF MAP SYMBOLS

- |  |  |  |  |
|--|--|--|--|
|  | MONITORING WELL, TMC 1984  |  | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993         |
|  | MONITORING WELL, LEVINE FRICKE   |  | FORMER SOIL BORING LOCATION, HAR: ING LAWSON 1982                      |
|  | EXPLORATORY SOIL BORING, TMC 1994  |  | SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994            |
|  | GEOTECHNICAL SOIL BORING, EKI, 1994                                      |  | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993 |
|  | UNDERGROUND TANKS REMOVED IN 1993  |  | DESTROYED WELL   |
|  | FORMER GASOLINE TANKS REMOVED IN 1988                                    |  | FENCE  |
|  | CONTOUR OF EQUAL CONCENTRATIONS IN PPM (MG/KG)<br>DASHED WHERE ESTIMATED |  |  |
|  | ND = ANALYTES NOT DETECTED AT, OR ABOVE<br>LABORATORY DETECTION LIMITS   |  |  |



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## ARSENIC CONCENTRATION IN SOIL SAMPLES SHALLOW SAMPLES 4 - 5.5 FEET

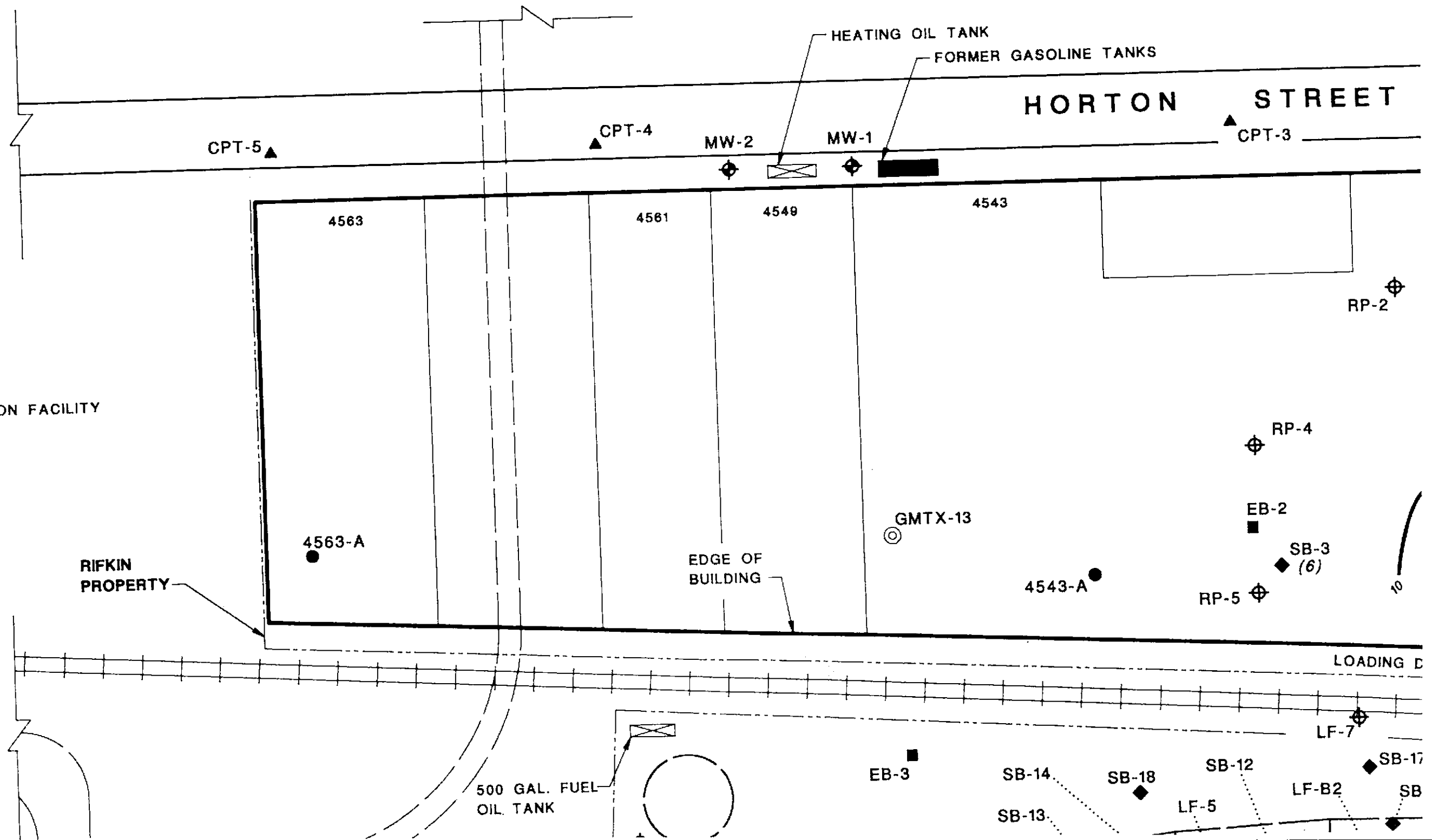
## RIFKIN PROPERTY EMERYVILLE, CALIFORNIA

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

14

CHIRON FACILITY



HORTON STREET

CHIRON FACILITY

RIFKIN PROPERTY

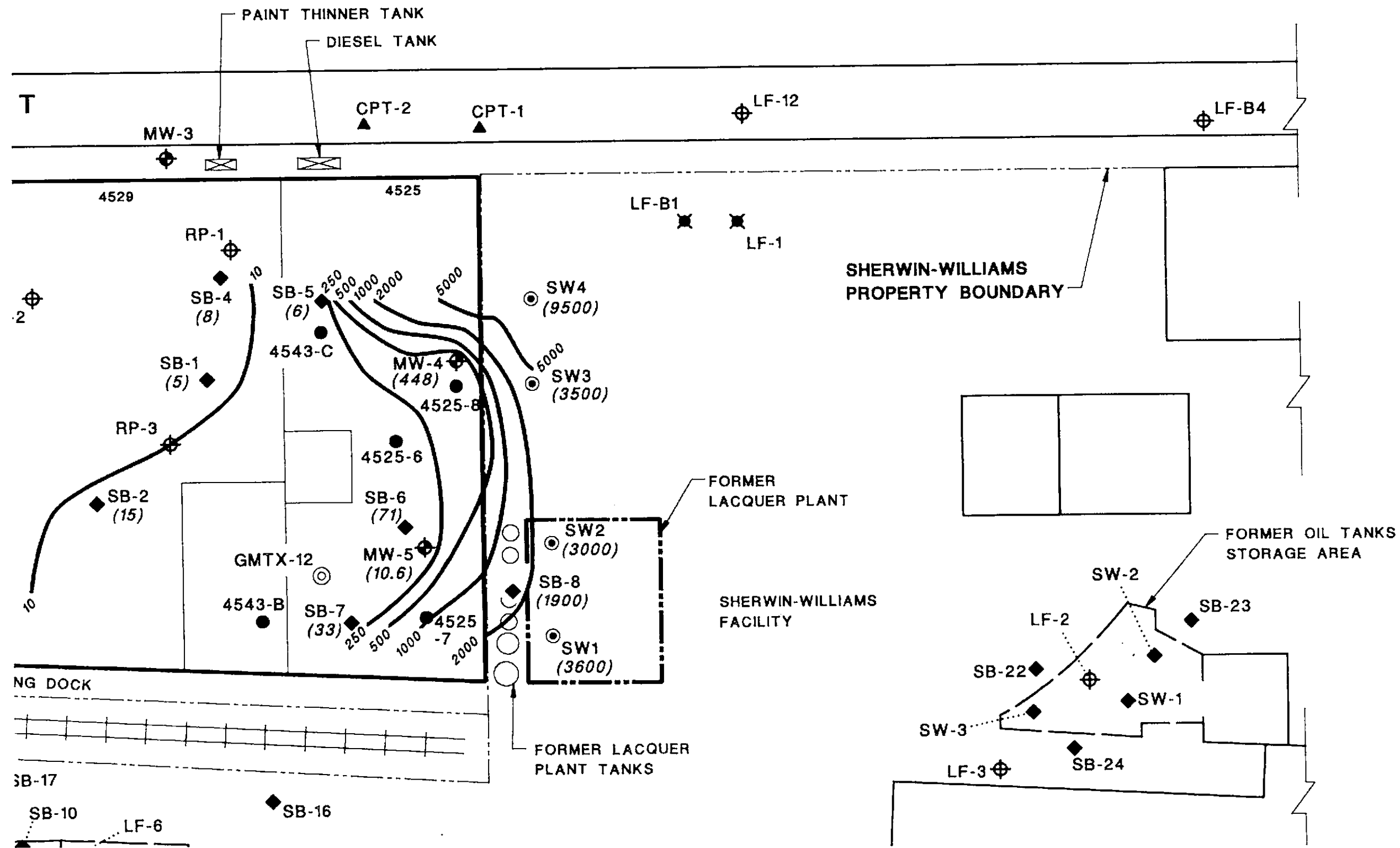
500 GAL. FUEL OIL TANK

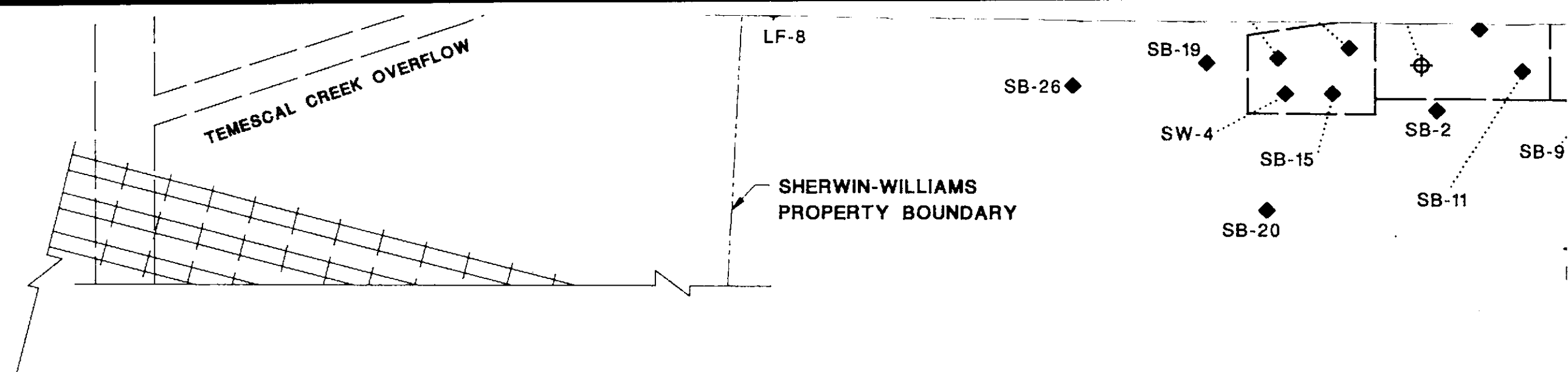
HEATING OIL TANK

FORMER GASOLINE TANKS

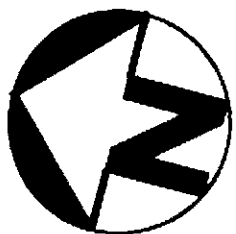
EDGE OF BUILDING

LOADING D





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



APPROXIMATE

## NOTES AND LIMITATIONS

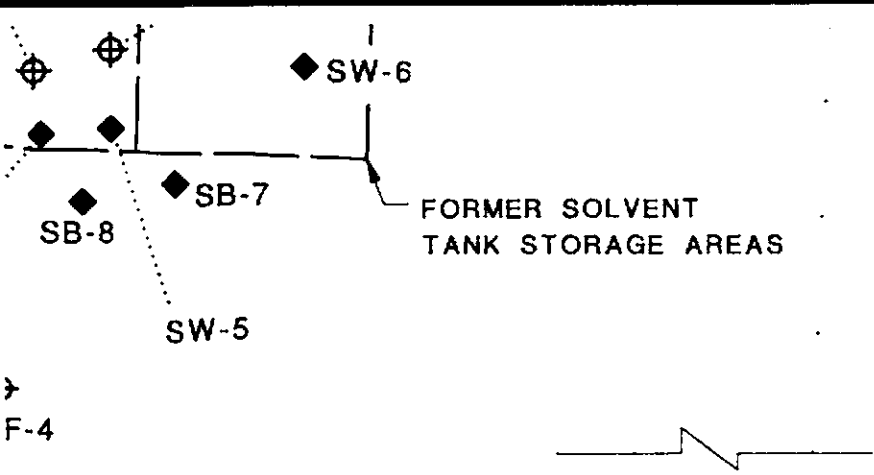
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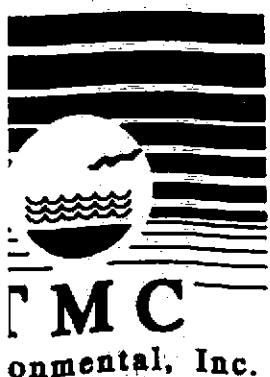
Enviro





**EXPLANATION OF MAP SYMBOLS**

- |  |  |  |  |
|--|--|--|--|
|  | MONITORING WELL, TMC 1984  |  | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993         |
|  | MONITORING WELL, LEVINE FRICKE   |  | FORMER SOIL BORING LOCATION, HARRING LAWSON 1982                       |
|  | EXPLORATORY SOIL BORING, TMC 1994  |  | SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994            |
|  | GEOTECHNICAL SOIL BORING, EKI, 1994                                      |  | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993 |
|  | UNDERGROUND TANKS REMOVED IN 1993  |  | DESTROYED WELL   |
|  | FORMER GASOLINE TANKS REMOVED IN 1988                                    |  | FENCE  |
|  | CONTOUR OF EQUAL CONCENTRATIONS IN PPM (MG/KG)<br>DASHED WHERE ESTIMATED |  |  |
|  | ND = ANALYTES NOT DETECTED AT, OR ABOVE<br>LABORATORY DETECTION LIMITS   |  |  |



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**ARSENIC CONCENTRATION  
 IN SOIL SAMPLES  
 DEEPER SAMPLES 6 - 12 FEET**

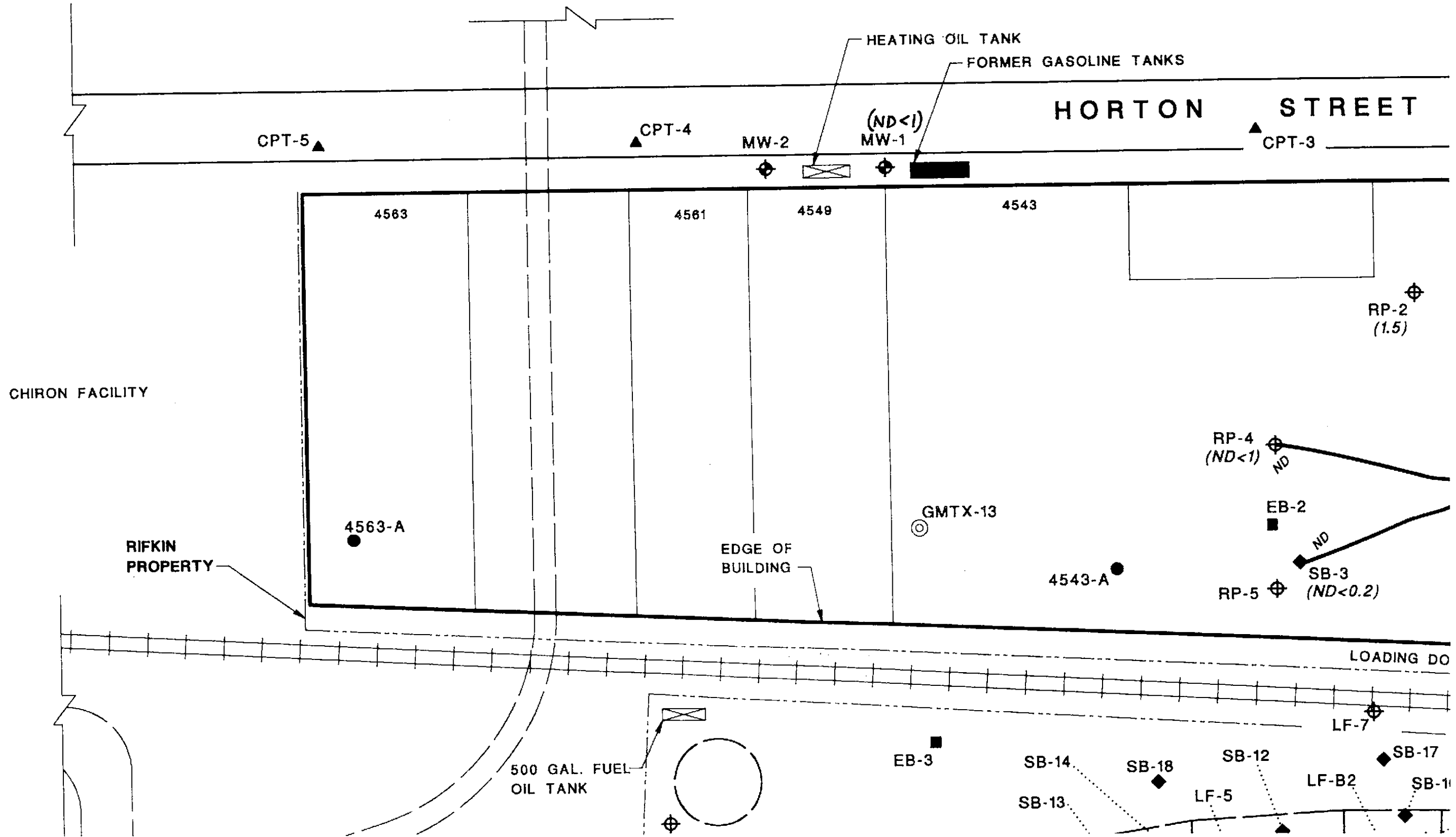
**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

**15**

CHIRON FACILITY



HORTON STREET

CPT-5 ▲

CPT-4 ▲

MW-2

(ND<1)  
MW-1

CPT-3 ▲

4563

4561

4549

4543

RP-2  
(1.5)

CHIRON FACILITY

RP-4  
(ND<1)

RIFKIN  
PROPERTY

4563-A ●

EDGE OF  
BUILDING

GMTX-13

EB-2

4543-A ●

RP-5  
SB-3  
(ND<0.2)

LOADING DOCK

500 GAL. FUEL  
OIL TANK

EB-3

SB-14

SB-18

SB-12

SB-17

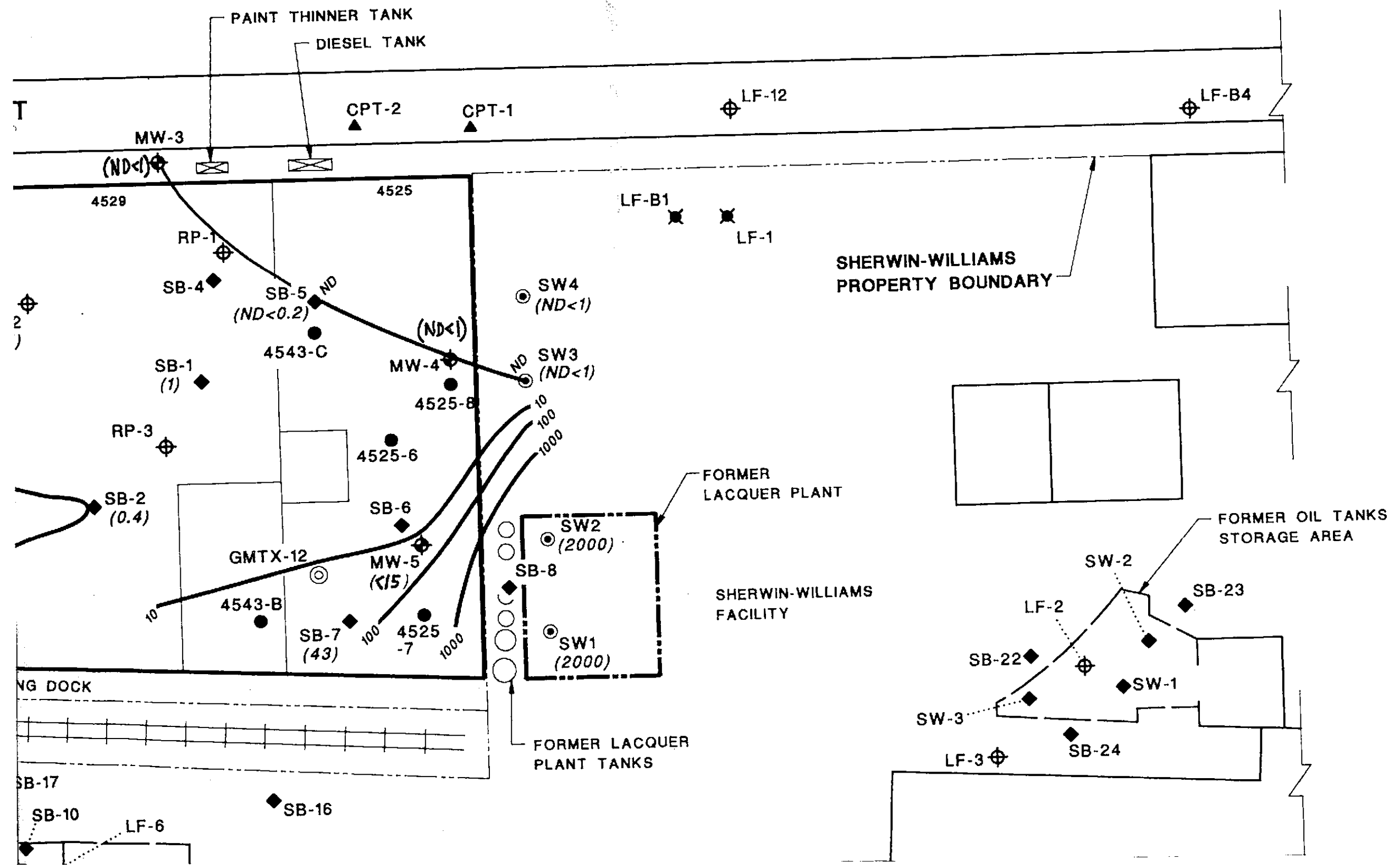
SB-13

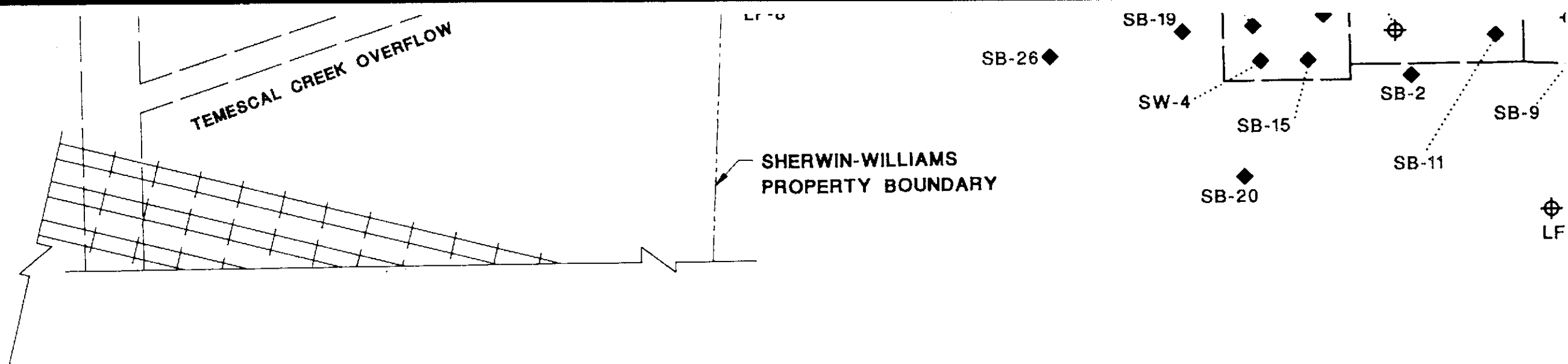
LF-5

LF-B2

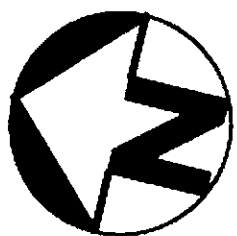
SB-11

LF-7



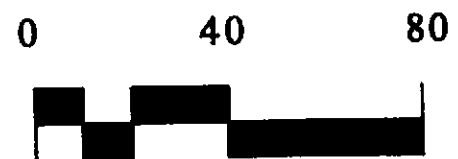


NORTH ARROW



APPROXIMATE

SCALE IN FEET



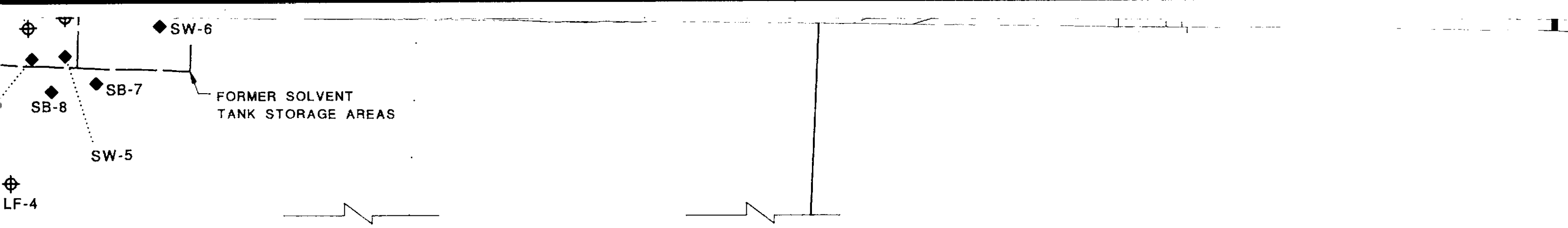
APPROXIMATE

## NOTES AND LIMITATIONS

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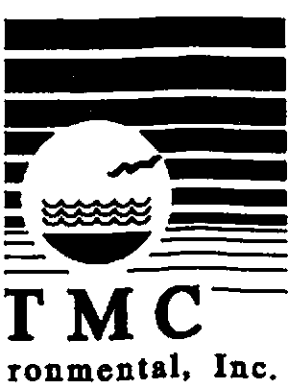
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**EXPLANATION OF MAP SYMBOLS**

- MONITORING WELL, TMC 1994
- MONITORING WELL, LEVINE FRICKE
- EXPLORATORY SOIL BORING, TMC 1994
- GEOTECHNICAL SOIL BORING, EKI, 1994
- UNDERGROUND TANKS REMOVED IN 1993
- FORMER GASOLINE TANKS REMOVED IN 1988
- CONTOUR OF EQUAL CONCENTRATIONS IN PPM (MG/KG)  
DASHED WHERE ESTIMATED
- ND - ANALYTES NOT DETECTED AT, OR ABOVE  
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- CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993
- FORMER SOIL BORING LOCATION, HARDING LAWSON 1992
- SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994
- SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993
- DESTROYED WELL
- FENCE



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**GASOLINE CONCENTRATION  
 IN SOIL SAMPLES  
 SHALLOW SAMPLES 3 - 7 FEET**

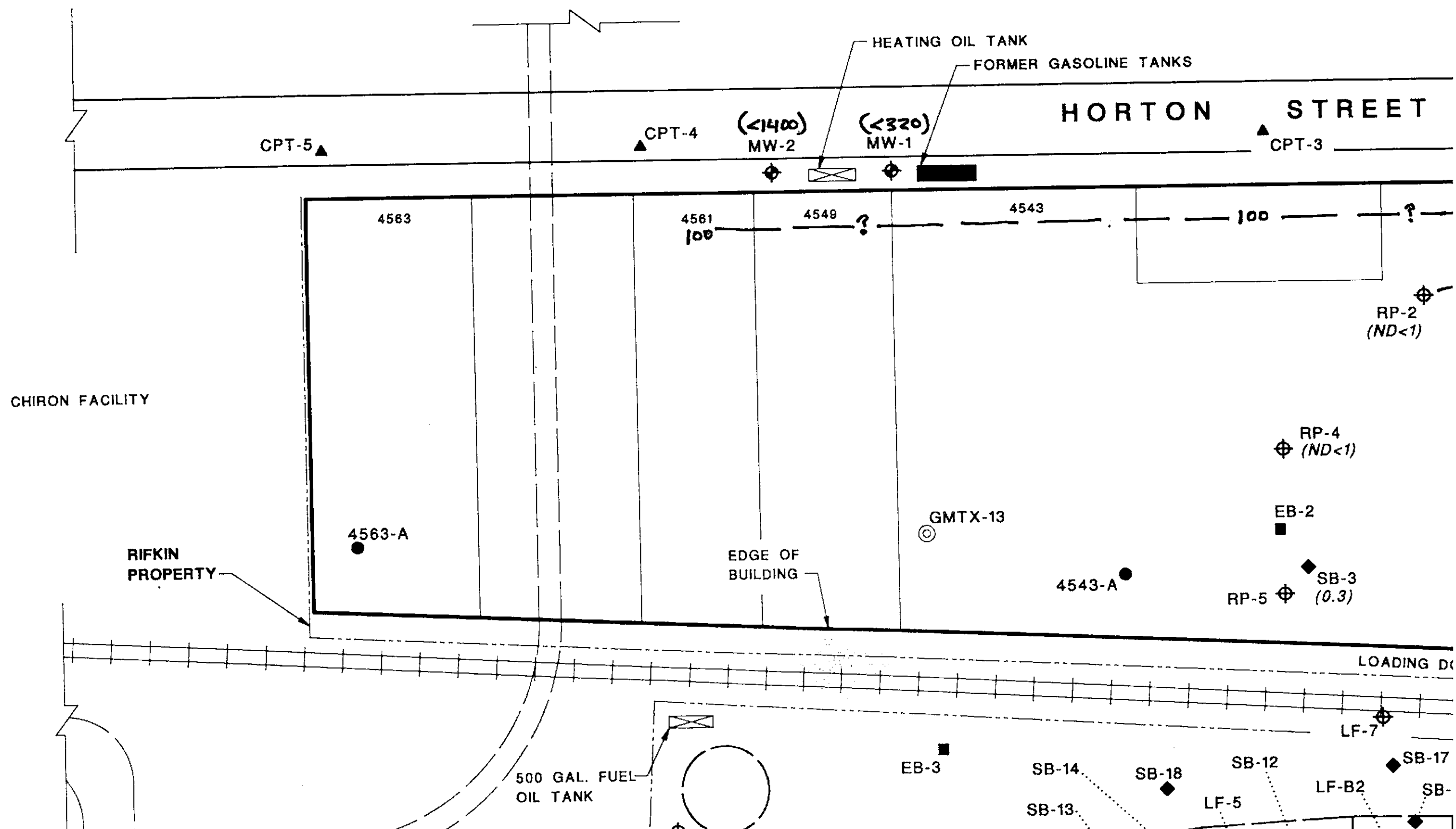
**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

**16**

CHIRON FACILITY



HORTON STREET

CPT-5

CPT-4

<math><1400</math>  
MW-2

<math><320</math>  
MW-1

CPT-3

4563

4561  
100

4549

4543

100

RP-2  
(ND<math><1</math>)

CHIRON FACILITY

RP-4  
(ND<math><1</math>)

RIFKIN  
PROPERTY

4563-A

EDGE OF  
BUILDING

GMTX-13

EB-2

4543-A

RP-5  
SB-3  
(0.3)

LOADING DOCK

500 GAL. FUEL  
OIL TANK

EB-3

SB-14

SB-18

SB-12

LF-7

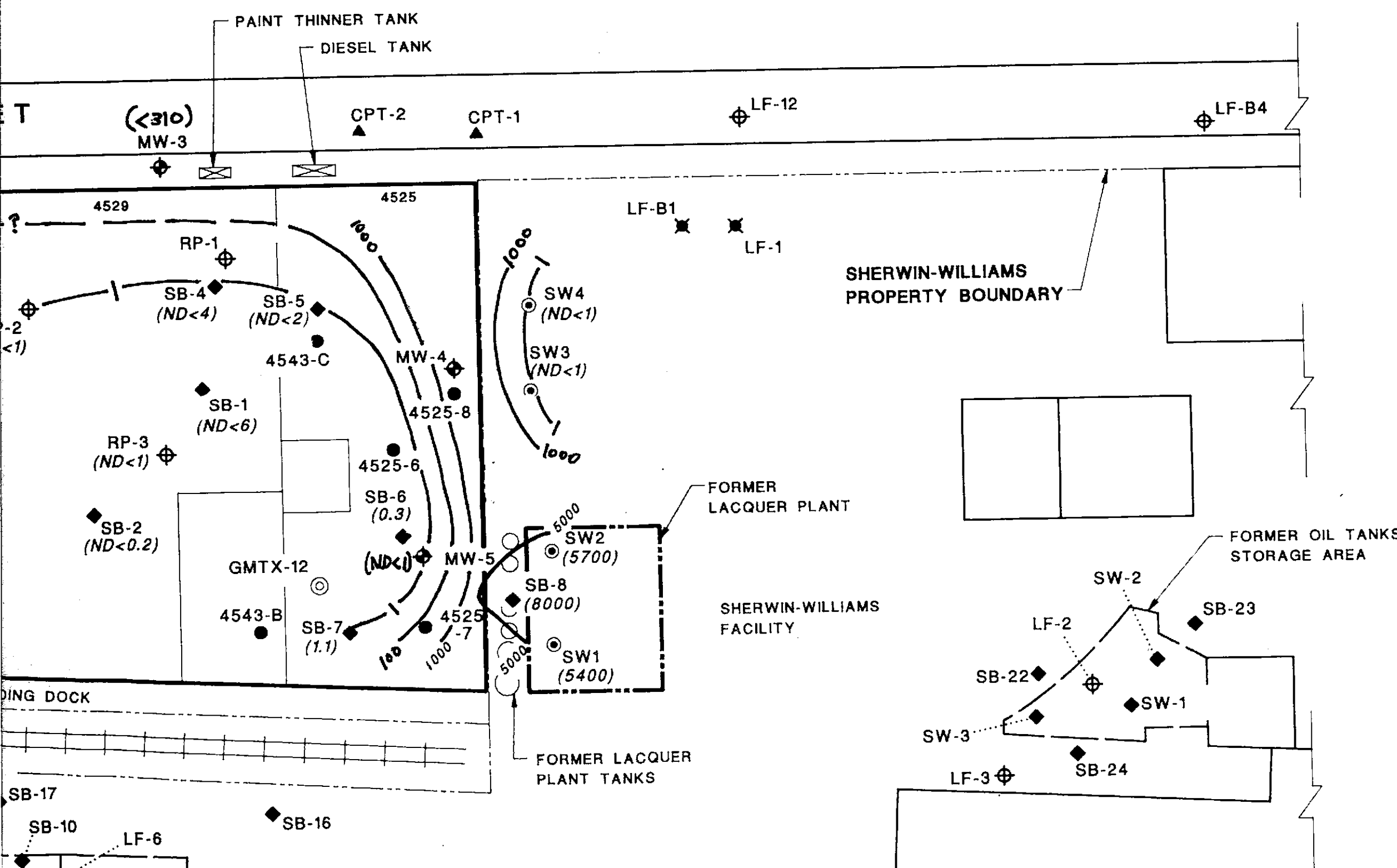
SB-17

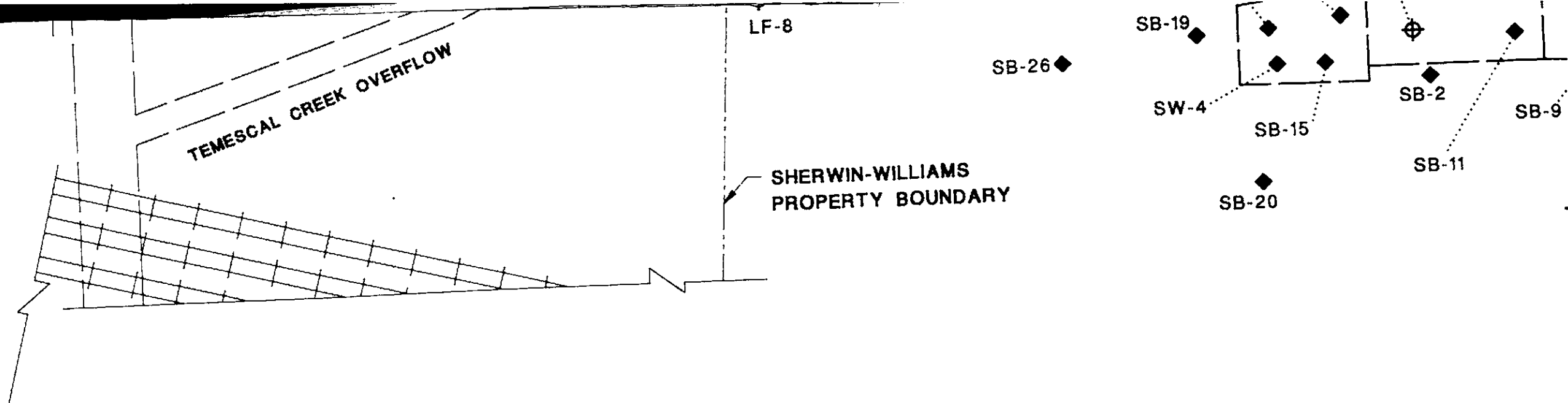
SB-13

LF-5

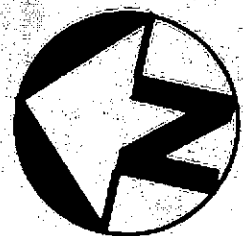
LF-B2

SB-



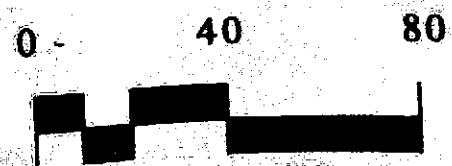


NORTH ARROW



APPROXIMATE

SCALE IN FEET



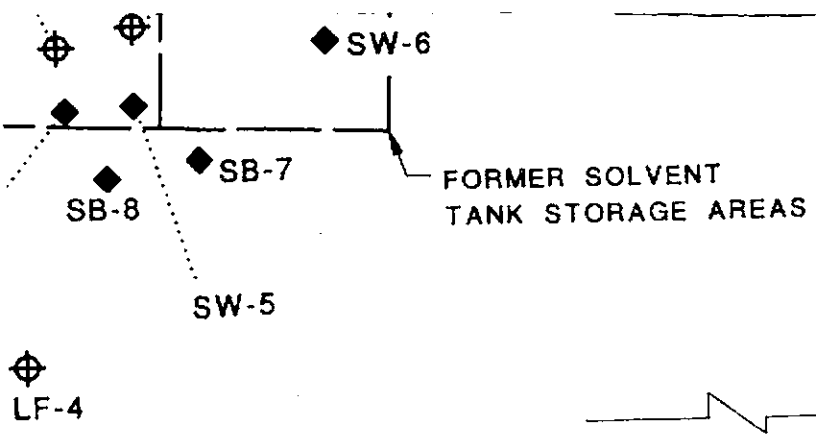
APPROXIMATE

### NOTES AND LIMITATIONS

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**EXPLANATION OF MAP SYMBOLS**

- MONITORING WELL, TMC 1994
- MONITORING WELL, LEVINE FRICKE
- EXPLORATORY SOIL BORING, TMC 1994
- GEOTECHNICAL SOIL BORING, EKI, 1994
- UNDERGROUND TANKS REMOVED IN 1993
- FORMER GASOLINE TANKS REMOVED IN 1988
- CONTOUR OF EQUAL CONCENTRATIONS IN PPM (MG/KG)  
DASHED WHERE ESTIMATED
- ND - ANALYTES NOT DETECTED AT, OR ABOVE  
LABORATORY DETECTION LIMITS
- CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993
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- SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993
- DESTROYED WELL
- FENCE



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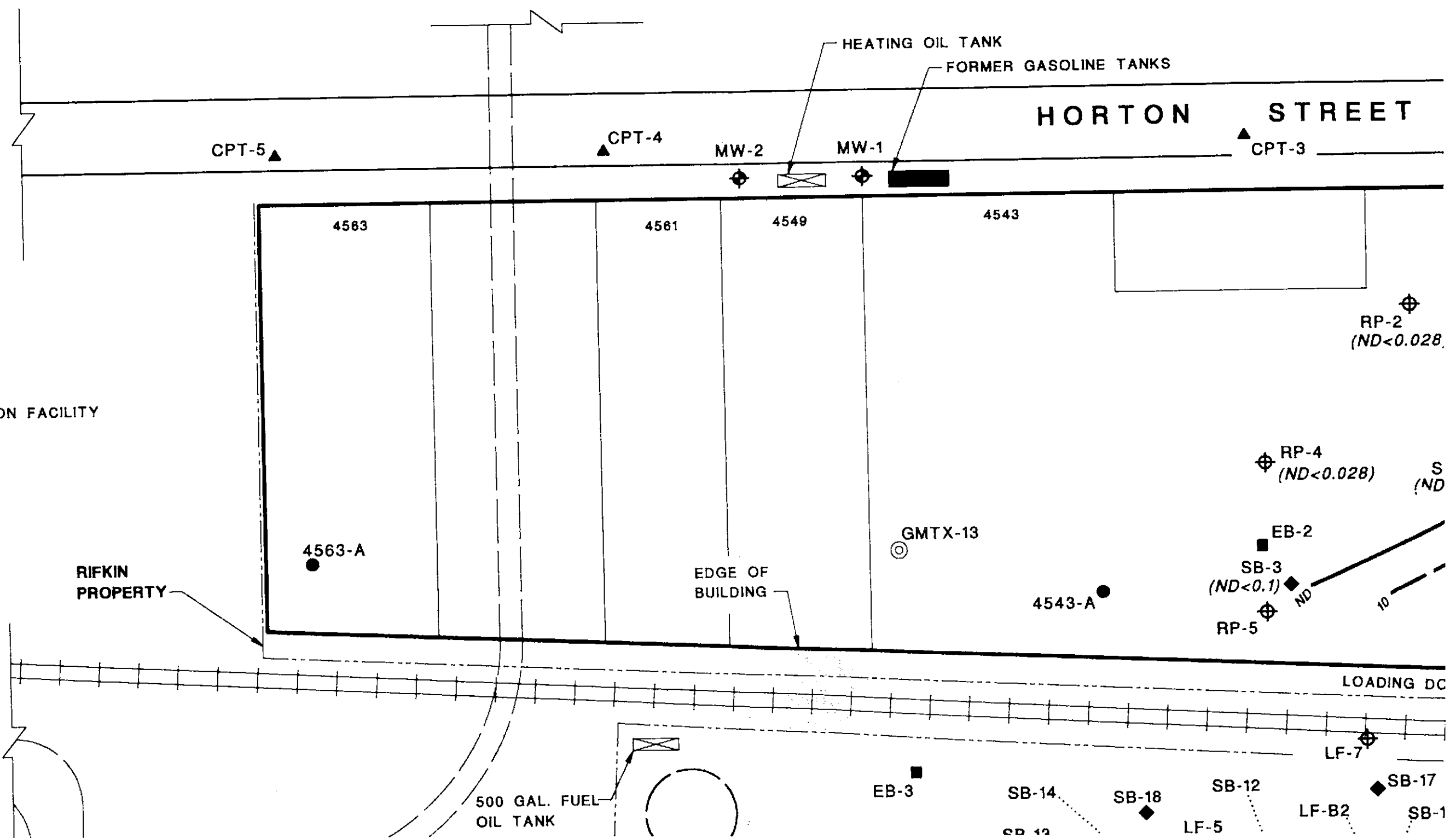
**GASOLINE CONCENTRATION  
 IN SOIL SAMPLES  
 DEEPER SAMPLES, > 7 FEET**

**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLAT  
**17**

CHIRON FACILITY



HORTON STREET

CPT-5 ▲

CPT-4 ▲

MW-2

MW-1

CPT-3 ▲

4563

4561

4549

4543

RP-2  
(ND < 0.028)

CHIRON FACILITY

RP-4  
(ND < 0.028)

S  
(ND)

RIFKIN  
PROPERTY

4563-A

EDGE OF  
BUILDING

GMTX-13

EB-2

SB-3  
(ND < 0.1)

4543-A

RP-5

LOADING DC

500 GAL. FUEL  
OIL TANK

EB-3

SB-14

SB-18

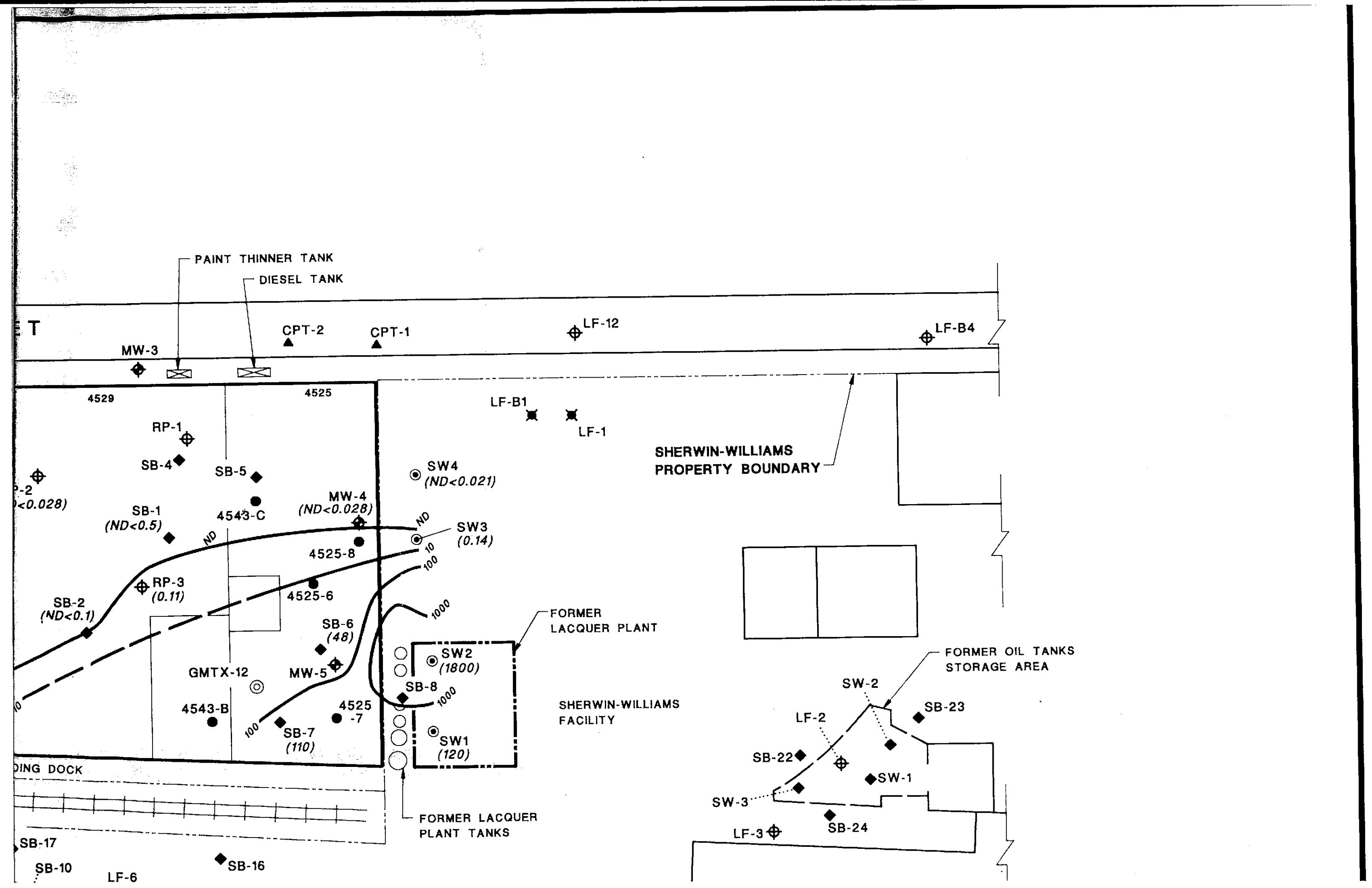
SB-12

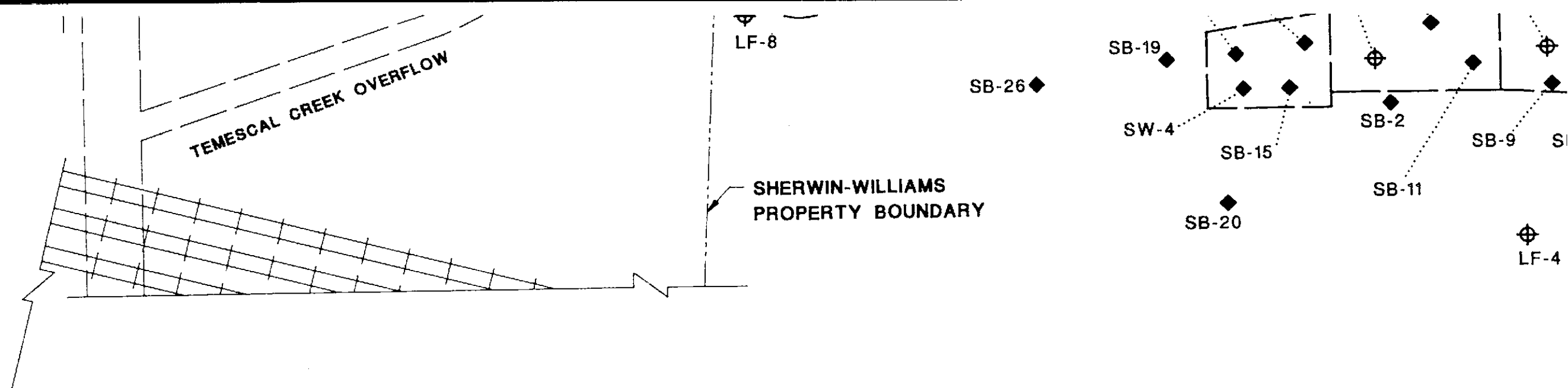
LF-5

LF-B2

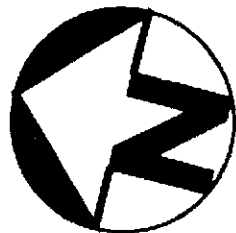
SB-17

SB-1





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



APPROXIMATE

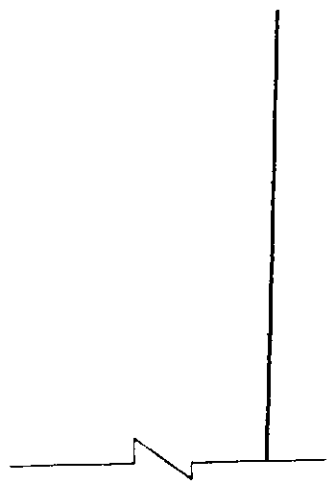
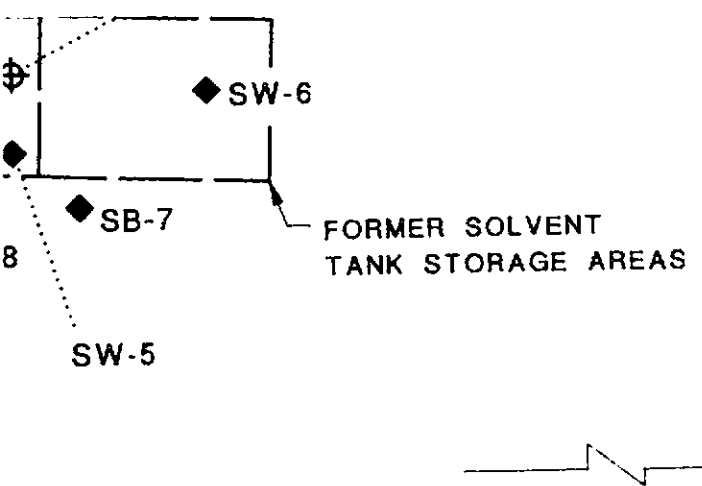
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**T**  
Environ



**EXPLANATION OF MAP SYMBOLS**

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- MONITORING WELL, LEVINE FRICKE
- EXPLORATORY SOIL BORING, TMC 1994
- GEOTECHNICAL SOIL BORING, EKI. 1994
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- DESTROYED WELL
- FENCE



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**ACETONE CONCENTRATION  
IN SOIL SAMPLES  
SHALLOW SAMPLES, 3 - 6 FEET**

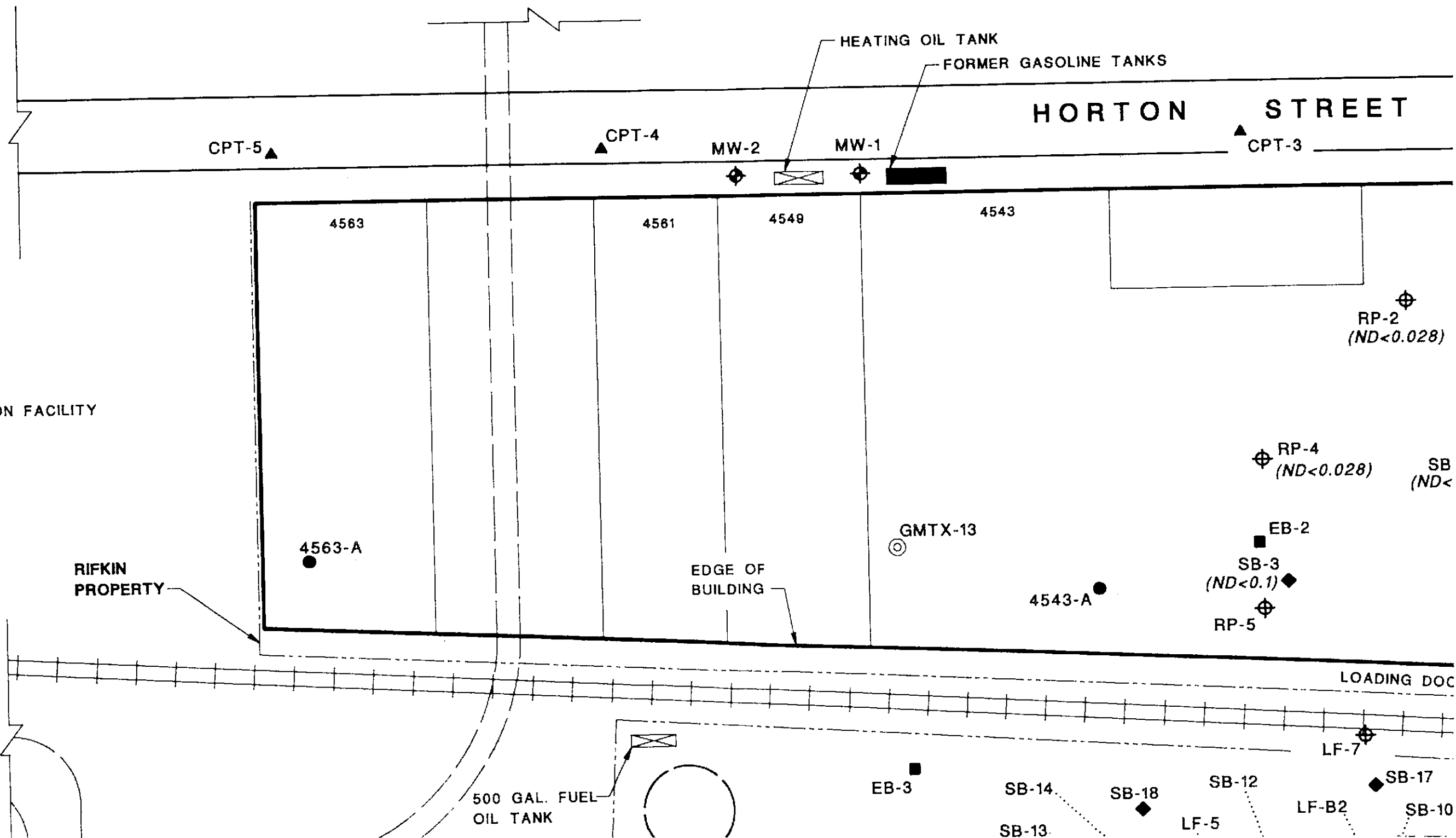
**RIFKIN PROPERTY  
EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

**18**

CHIRON FACILITY



HORTON STREET

CPT-5 ▲

CPT-4 ▲

MW-2

MW-1

CPT-3 ▲

4563

4561

4549

4543

RP-2  
(ND<0.028)

CHIRON FACILITY

RP-4  
(ND<0.028)

SB  
(ND<0.1)

RIFKIN PROPERTY

4563-A

EDGE OF BUILDING

GMTX-13

EB-2

SB-3  
(ND<0.1)

4543-A

RP-5

LOADING DOCK

500 GAL. FUEL OIL TANK

EB-3

SB-14

SB-18

SB-12

SB-17

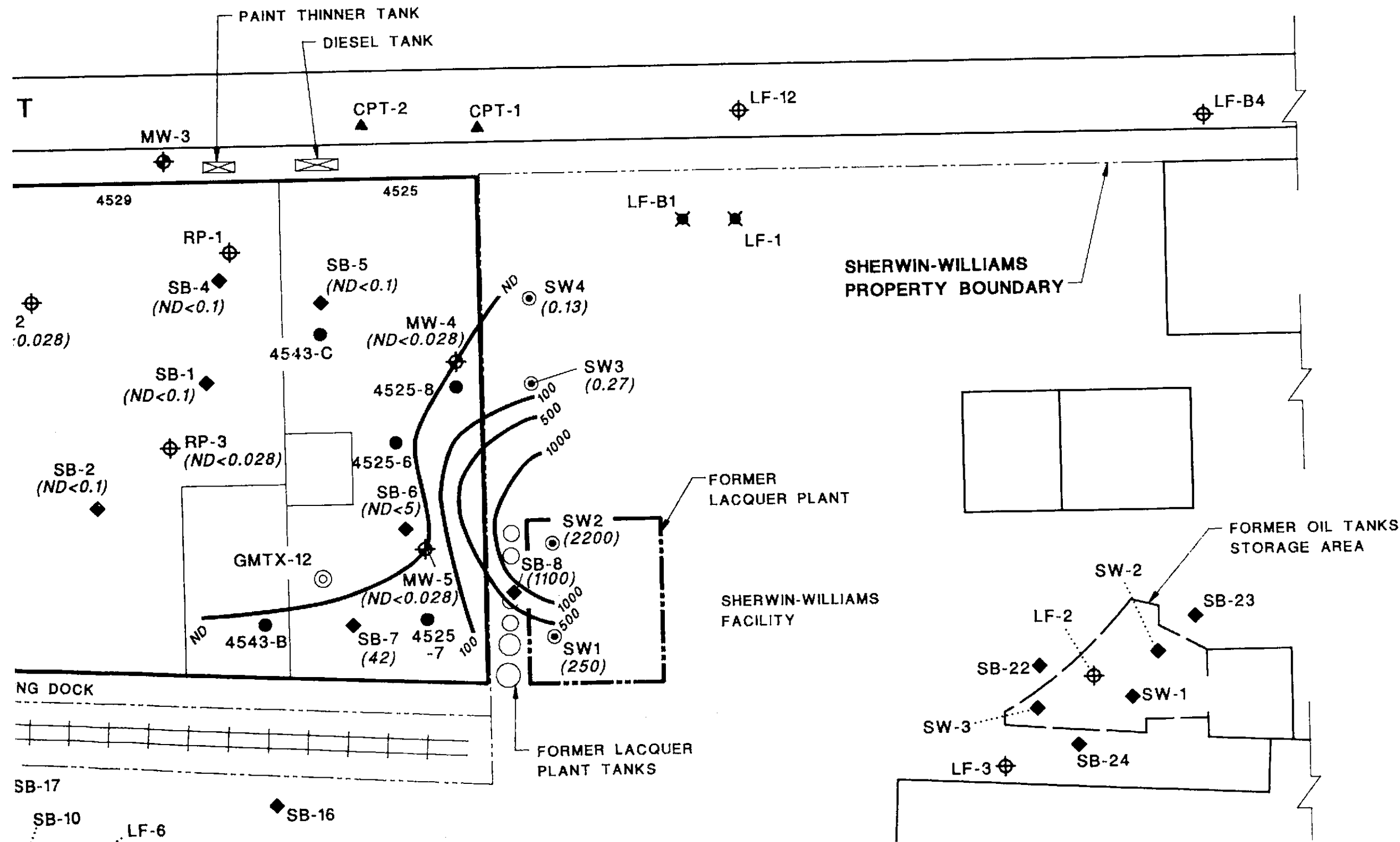
SB-13

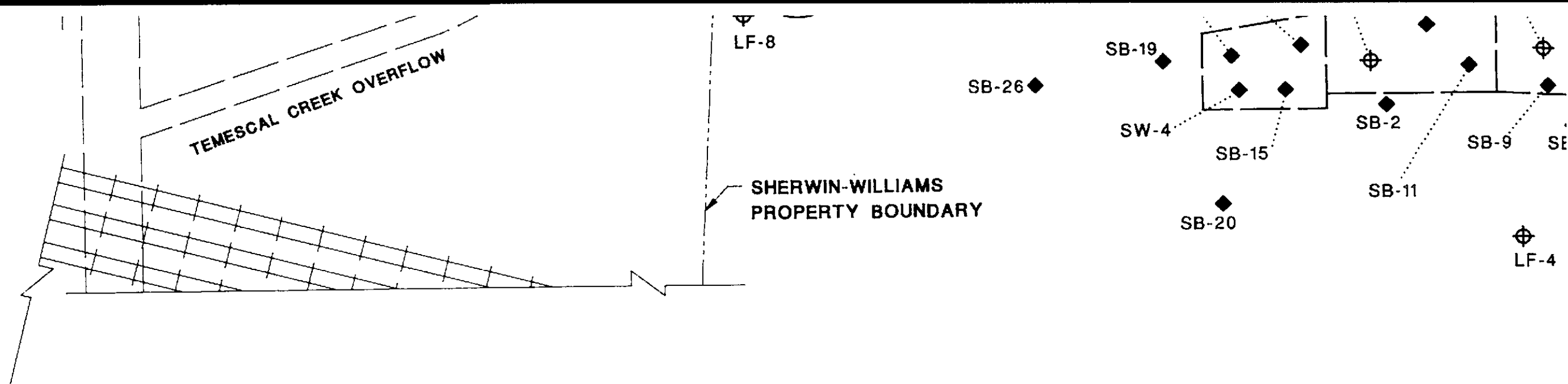
LF-5

LF-B2

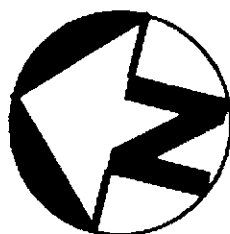
SB-10

LF-7





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



APPROXIMATE

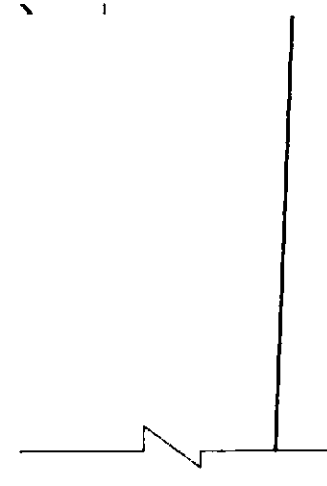
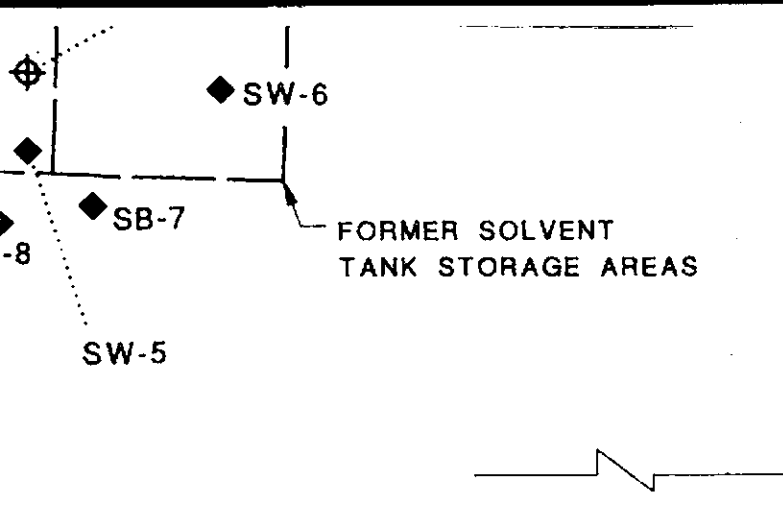
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- MONITORING WELL, LEVINE FRICKE
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- CONTOUR OF EQUAL CONCENTRATIONS IN PPM (MG/KG)  
DASHED WHERE ESTIMATED
- ND - ANALYTES NOT DETECTED AT, OR ABOVE  
LABORATORY DETECTION LIMITS
- CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993
- FORMER SOIL BORING LOCATION, HARVING LAWSON 1992
- SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994
- SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993
- DESTROYED WELL
- FENCE



**TMC ENVIRONMENTAL, INC.**

13908 SAN PABLO AVENUE, SUITE 101  
 SAN PABLO, CALIFORNIA 94806  
 510-232-8366 FAX 510-232-5133

**ACETONE CONCENTRATION  
 IN SOIL SAMPLES  
 DEEPER SAMPLES, >6 FEET**

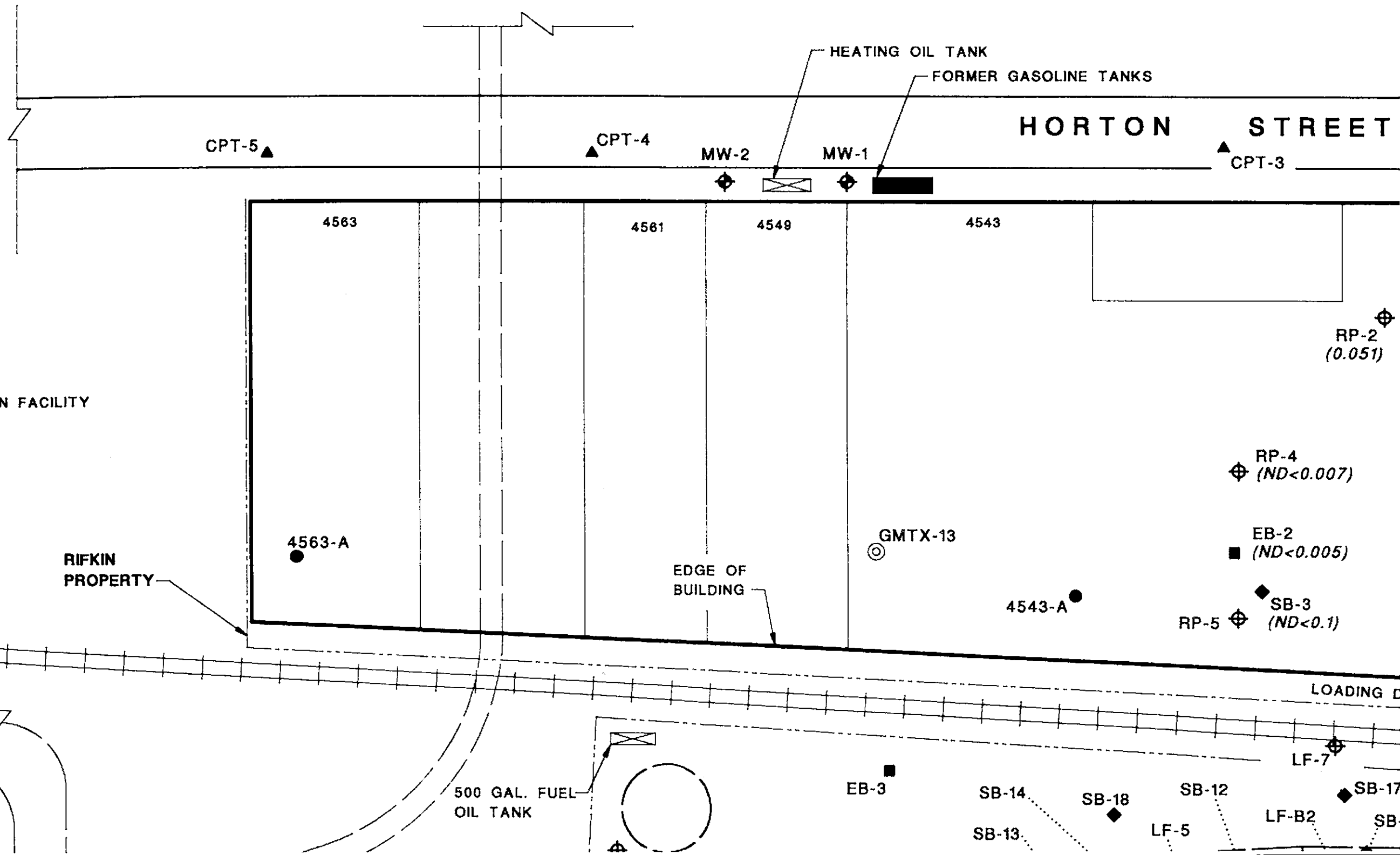
**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

**19**

CHIRON FACILITY



HORTON STREET

CPT-5 ▲

CPT-4 ▲

MW-2

MW-1

CPT-3 ▲

4563

4561

4549

4543

RP-2  
(0.051)

CHIRON FACILITY

RP-4  
(ND<0.007)

RIFKIN  
PROPERTY

EB-2  
(ND<0.005)

4563-A ●

EDGE OF  
BUILDING

GMTX-13

RP-5 ◆ SB-3  
(ND<0.1)

4543-A ●

LOADING D

500 GAL. FUEL  
OIL TANK

EB-3

SB-14

SB-18

SB-12

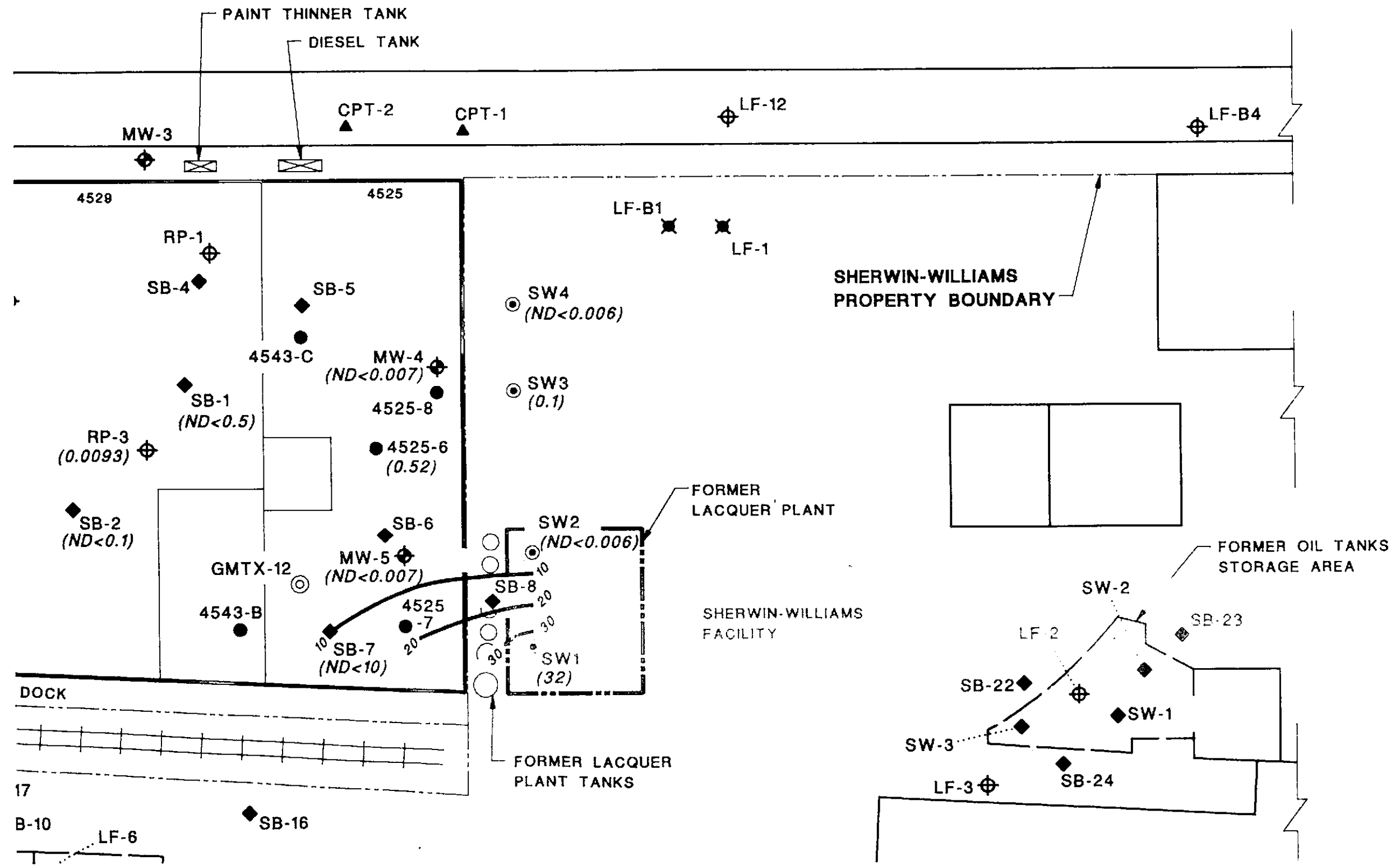
LF-B2

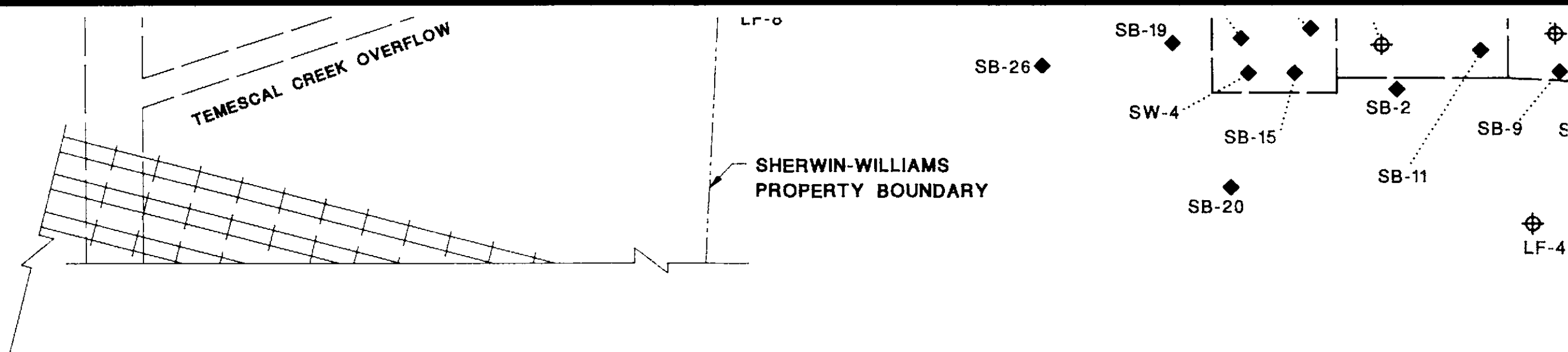
SB-17

SB-13

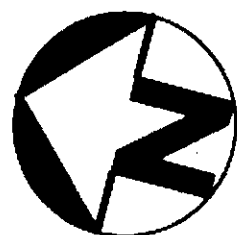
LF-5

SB





NORTH ARROW



APPROXIMATE

SCALE IN FEET



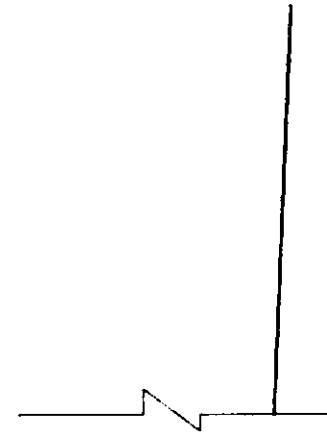
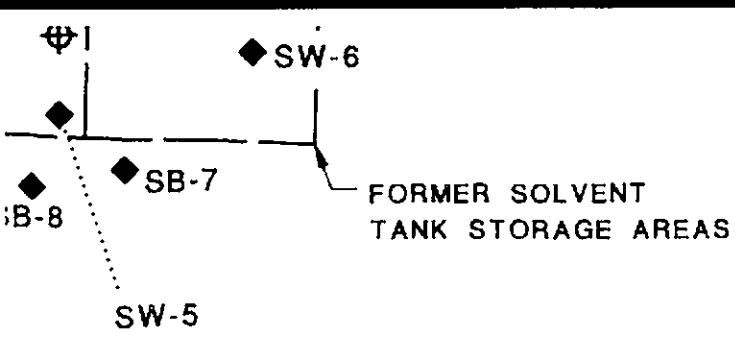
APPROXIMATE

## NOTES AND LIMITATIONS

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**EXPLANATION OF MAP SYMBOLS**

- |  |  |  |  |
|--|--|--|--|
|  | MONITORING WELL, TMC 1994  |  | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993         |
|  | MONITORING WELL, LEVINE FRICKE   |  | FORMER SOIL BORING LOCATION, HARRING LAWSON 1982                       |
|  | EXPLORATORY SOIL BORING, TMC 1994  |  | SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994            |
|  | GEOTECHNICAL SOIL BORING, EKI, 1994                                      |  | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993 |
|  | UNDERGROUND TANKS REMOVED IN 1993  |  | DESTROYED WELL   |
|  | FORMER GASOLINE TANKS REMOVED IN 1988                                    |  | FENCE  |
|  | CONTOUR OF EQUAL CONCENTRATIONS IN PPM (MG/KG)<br>DASHED WHERE ESTIMATED |  |  |
|  | ND - ANALYTES NOT DETECTED AT, OR ABOVE<br>LABORATORY DETECTION LIMITS   |  |  |



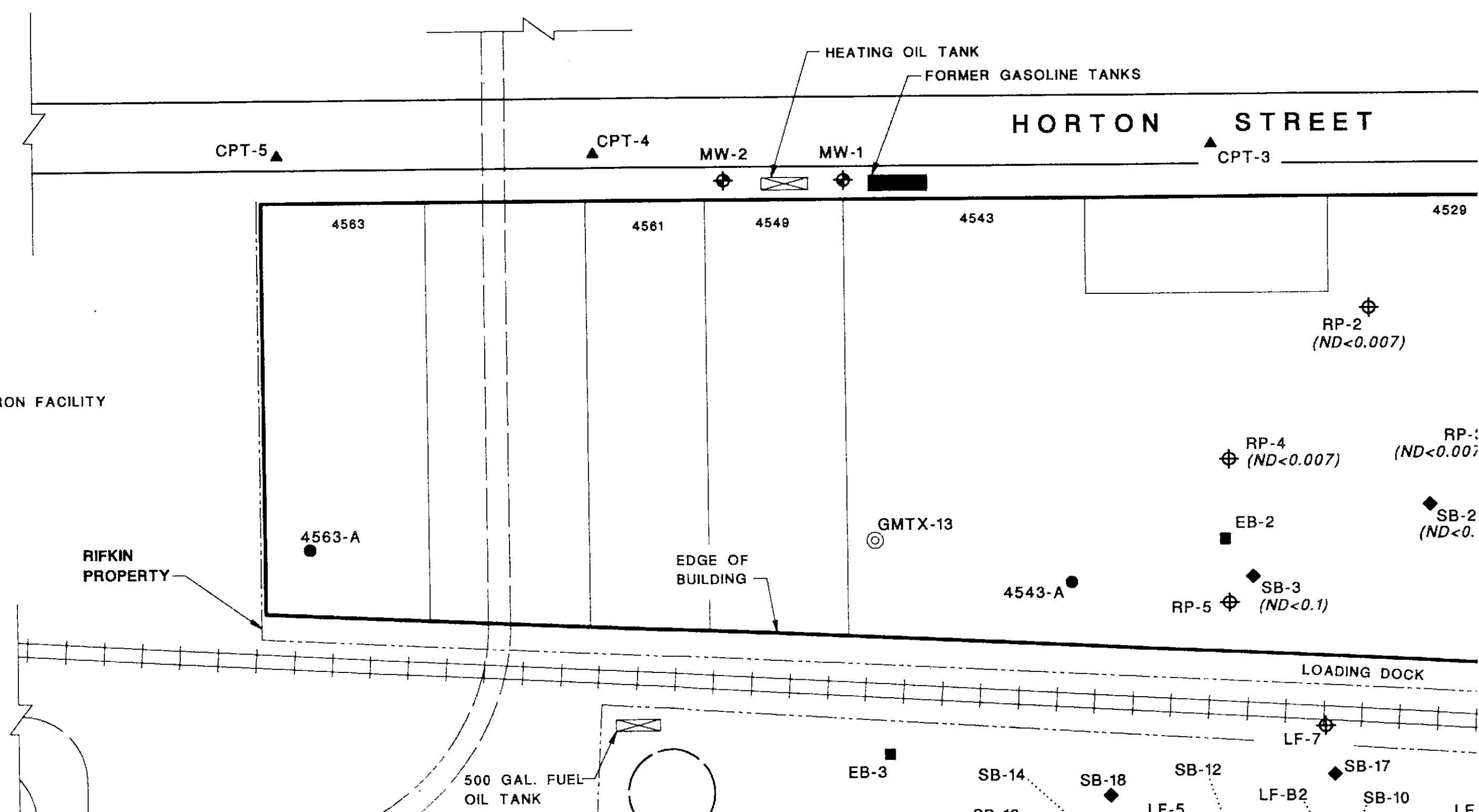
**TMC ENVIRONMENTAL, INC.**  
 13908 SAN PABLO AVENUE, SUITE 101  
 SAN PABLO, CALIFORNIA 94806  
 510-232-8366 FAX 510-232-5133

**MEK CONCENTRATION  
 IN SOIL SAMPLES**  
 (2-BUTANONE) SHALLOW SAMPLES, 3 - 6 FEET

**RIFKIN PROPERTY**  
**EMERYVILLE, CALIFORNIA**  
 DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE  
**20**

CHIRON FACILITY



HORTON STREET

CPT-5 ▲

CPT-4 ▲

MW-2

MW-1

CPT-3 ▲

4563

4561

4549

4543

4529

RP-2  
(ND<0.007)

RP-4  
(ND<0.007)

RP-3  
(ND<0.007)

SB-2  
(ND<0.007)

RP-5  
SB-3  
(ND<0.1)

GMTX-13

4543-A

CHIRON FACILITY

RIFKIN PROPERTY

EDGE OF BUILDING

LOADING DOCK

500 GAL. FUEL OIL TANK

EB-3

SB-14

SB-18

SB-12

SB-17

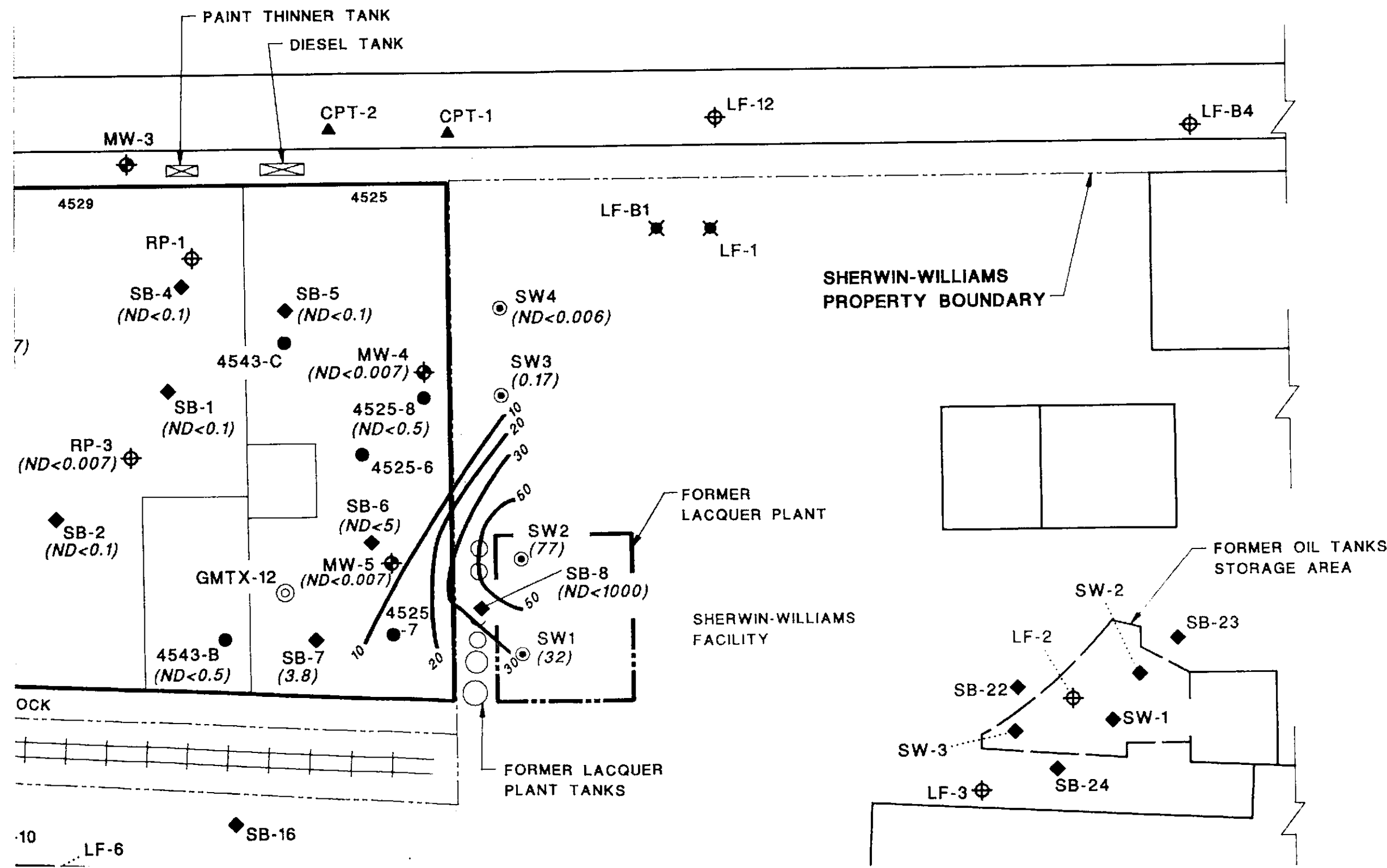
SB-13

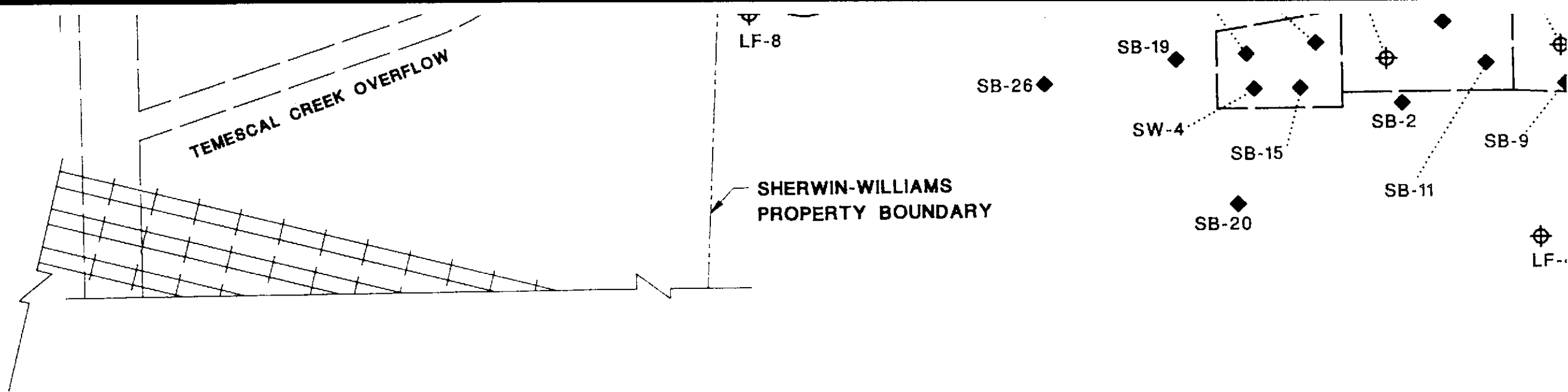
LF-5

LF-B2

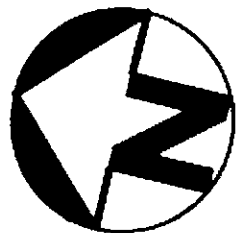
SB-10

LF





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



APPROXIMATE

## NOTES AND LIMITATIONS

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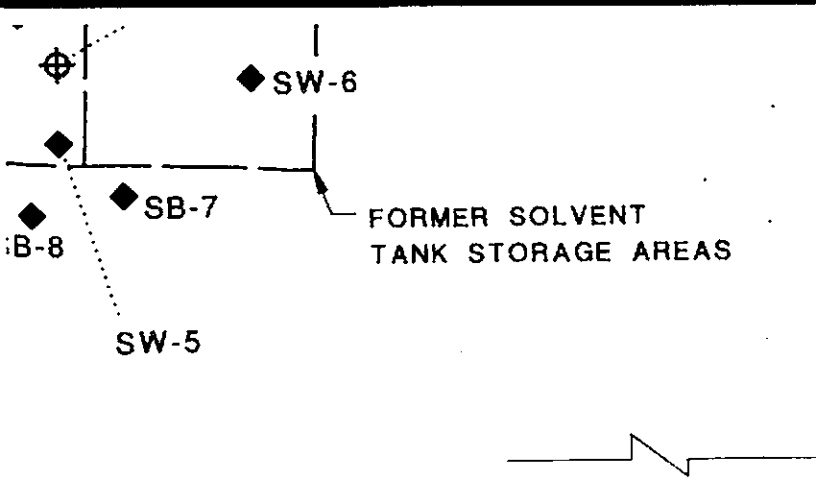
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**T**

Enviro





**EXPLANATION OF MAP SYMBOLS**

- MONITORING WELL, TMC 1994
- MONITORING WELL, LEVINE FRICKE
- EXPLORATORY SOIL BORING, TMC 1994
- GEOTECHNICAL SOIL BORING, EKI, 1994
- UNDERGROUND TANKS REMOVED IN 1993
- FORMER GASOLINE TANKS REMOVED IN 1988
- CONTOUR OF EQUAL CONCENTRATIONS IN PPM (MG/KG)  
DASHED WHERE ESTIMATED
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LABORATORY DETECTION LIMITS
- CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993
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- SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993
- DESTROYED WELL
- FENCE



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**MEK CONCENTRATION  
 IN SOIL SAMPLES  
 (2-BUTANONE) DEEPER SAMPLES, >6 FEET**

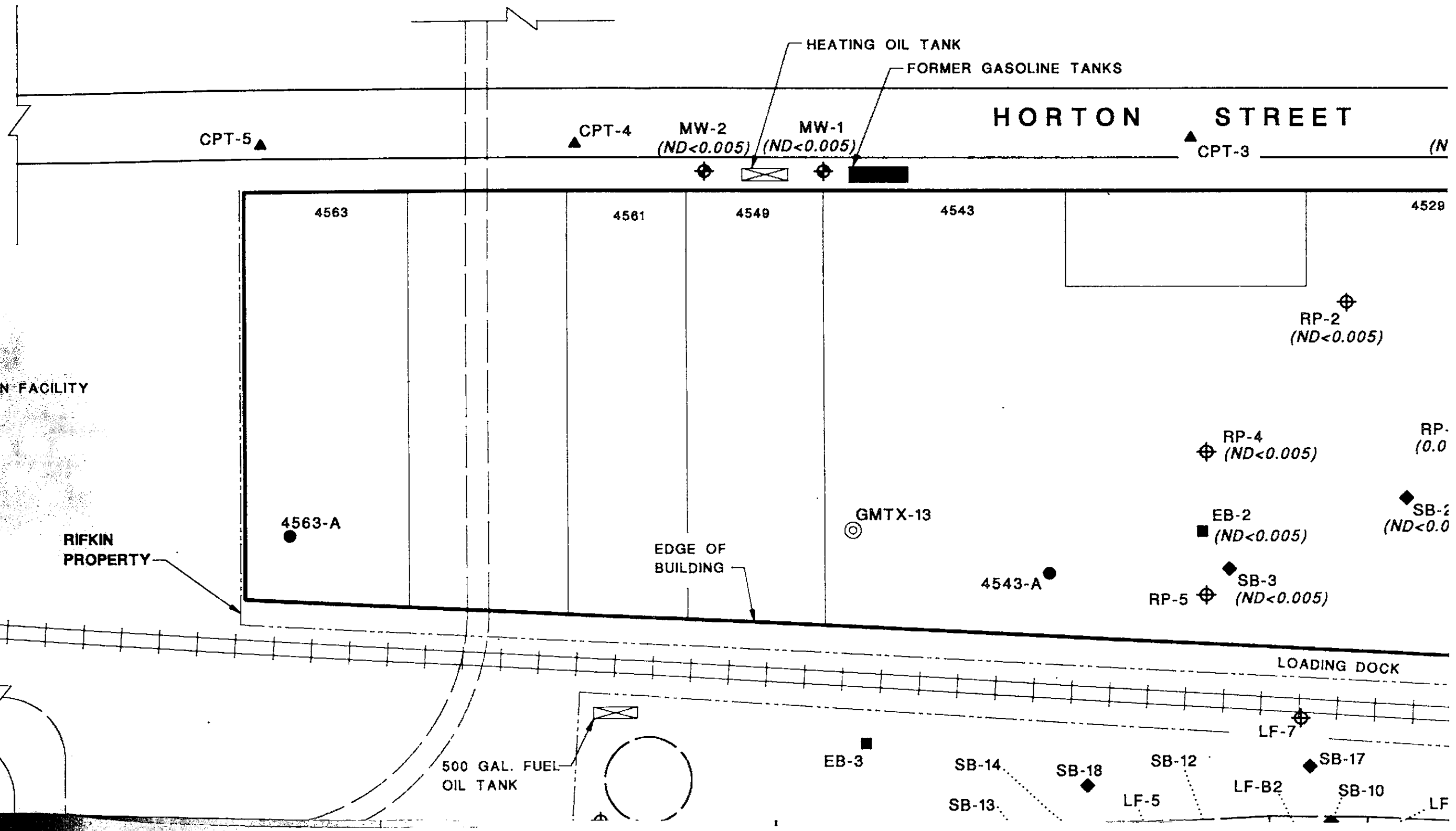
**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

**21**

CHIRON FACILITY



CPT-5 ▲

CPT-4 ▲

MW-2  
(ND<0.005)

MW-1  
(ND<0.005)

CPT-3 ▲

(N)

4563

4561

4549

4543

4529

RP-2  
(ND<0.005)

CHIRON FACILITY

RP-4  
(ND<0.005)

RP-  
(0.0)

RIFKIN  
PROPERTY

4563-A

EDGE OF  
BUILDING

GMTX-13

EB-2  
(ND<0.005)

SB-2  
(ND<0.0)

4543-A

RP-5  
SB-3  
(ND<0.005)

LOADING DOCK

500 GAL. FUEL  
OIL TANK

EB-3

SB-14

SB-18

SB-12

SB-17

LF-B2

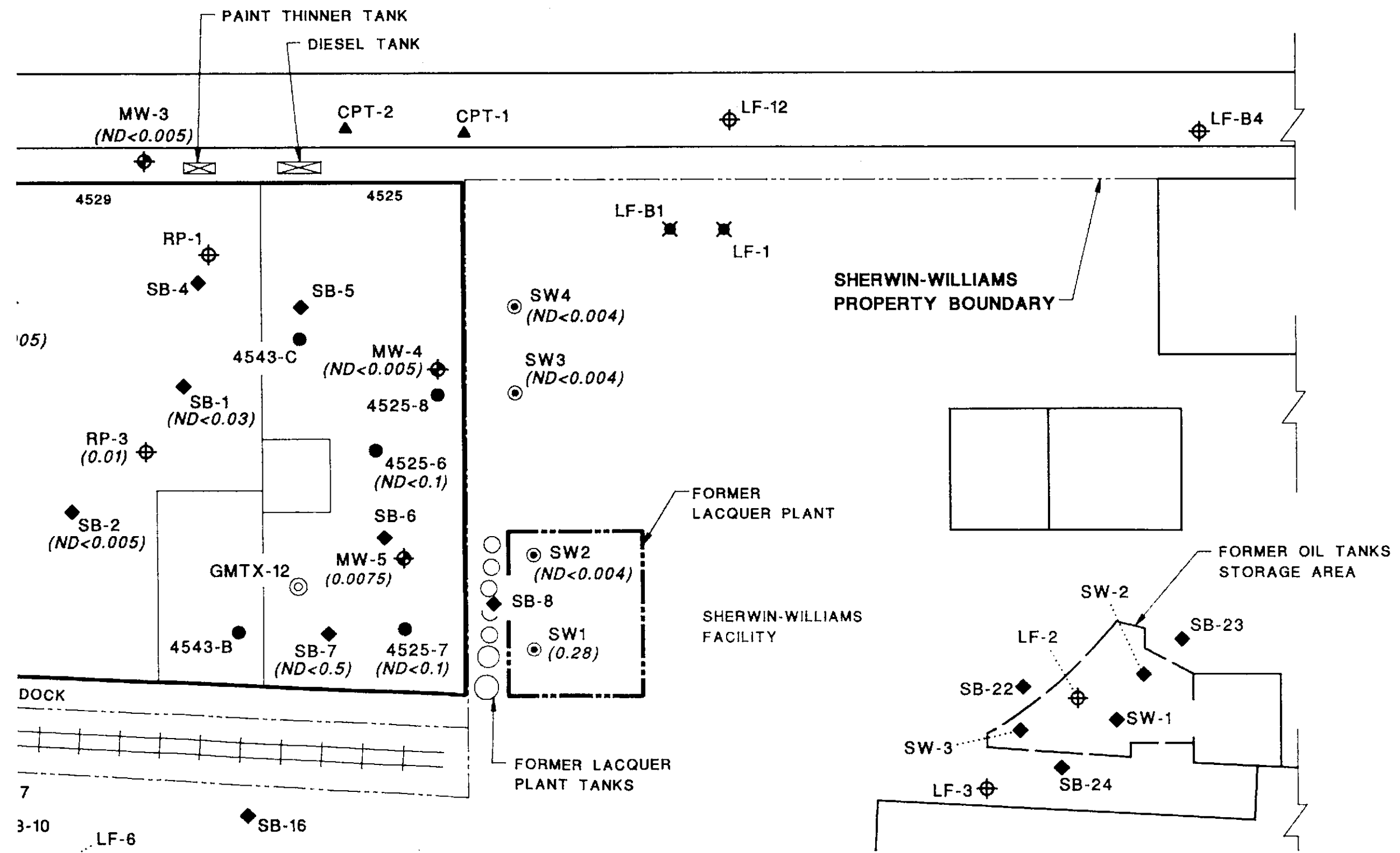
SB-10

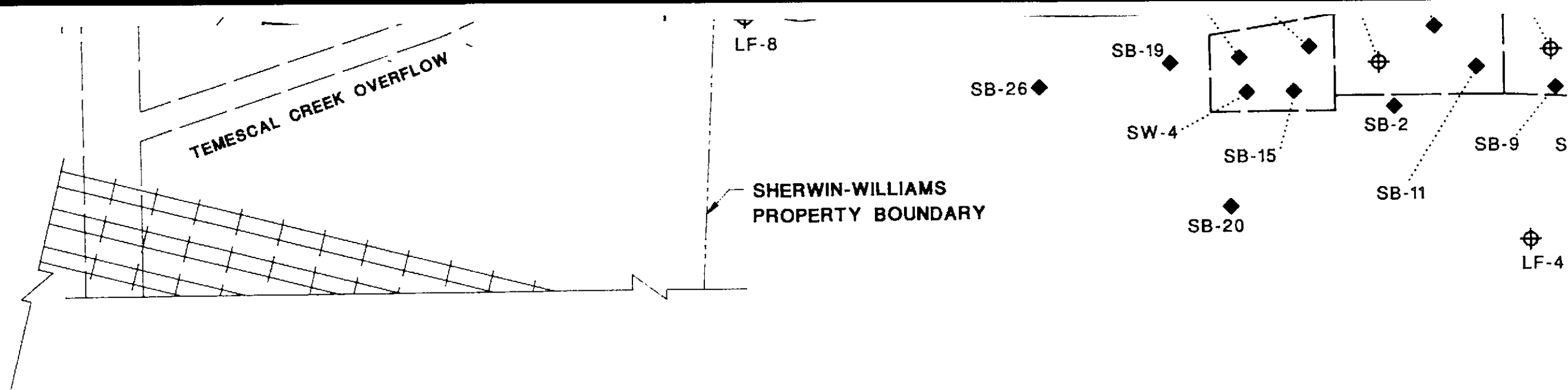
LF-7

SB-13

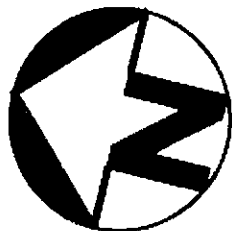
LF-5

LF





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



APPROXIMATE

## NOTES AND LIMITATIONS

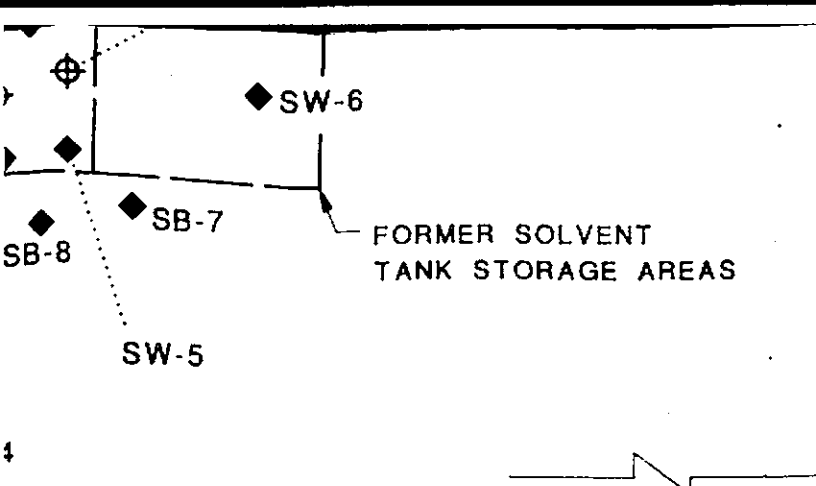
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T

Environ



**EXPLANATION OF MAP SYMBOLS**

- MONITORING WELL, TMC 1994
- MONITORING WELL, LEVINE FRICKE
- EXPLORATORY SOIL BORING, TMC 1994
- GEOTECHNICAL SOIL BORING, EKI, 1994
- UNDERGROUND TANKS REMOVED IN 1993
- FORMER GASOLINE TANKS REMOVED IN 1988
- CONTOUR OF EQUAL CONCENTRATIONS IN PPM (MG/KG)  
DASHED WHERE ESTIMATED
- ND - ANALYTES NOT DETECTED AT, OR ABOVE  
LABORATORY DETECTION LIMITS
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- SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994
- SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993
- DESTROYED WELL
- FENCE



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 510-232-8366 FAX 510-232-5133

**BENZENE CONCENTRATION  
 IN SOIL SAMPLES  
 SHALLOW SAMPLES, 3 - 6 FEET**

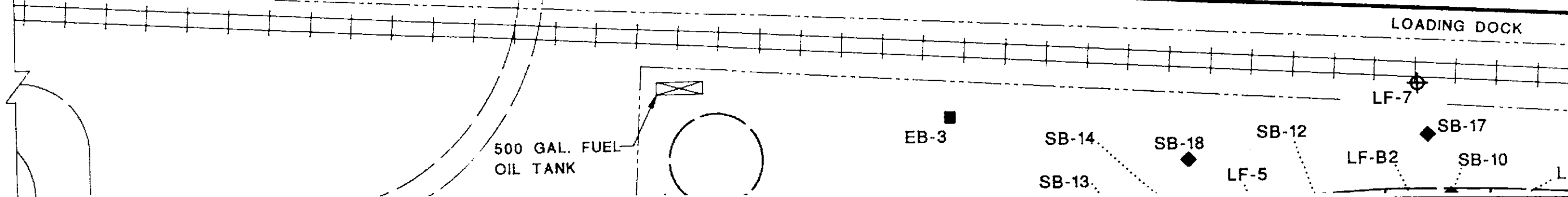
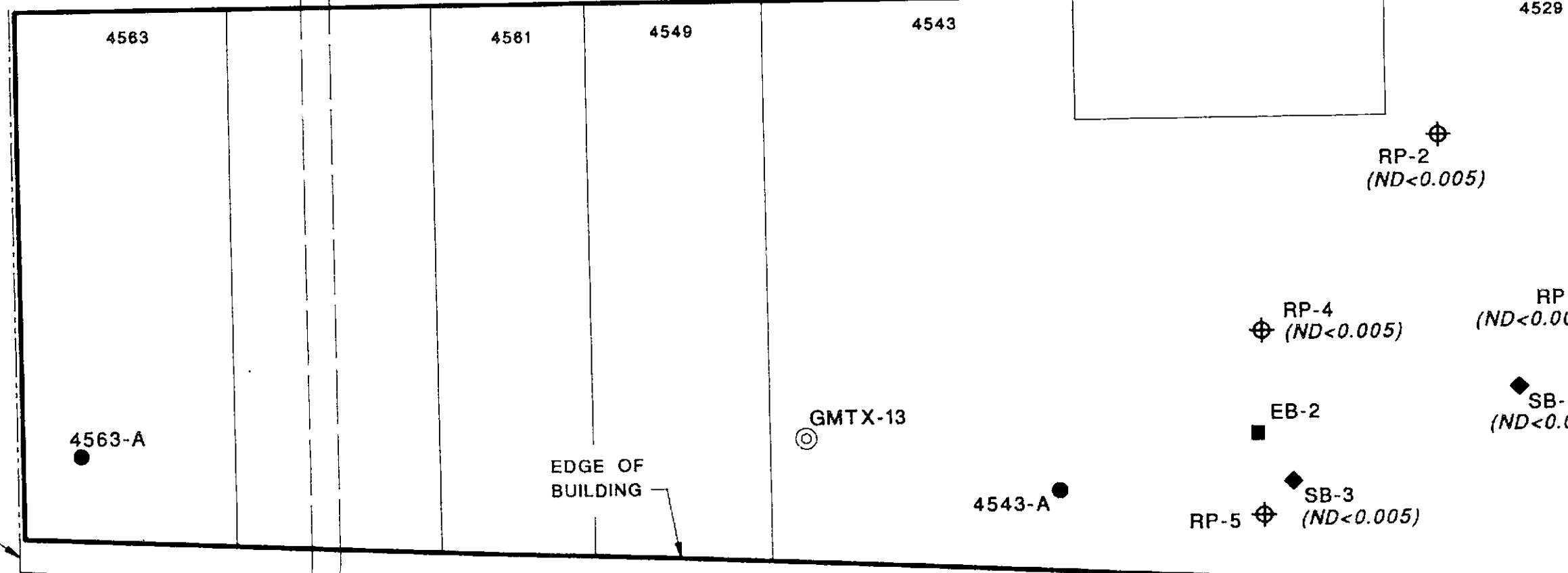
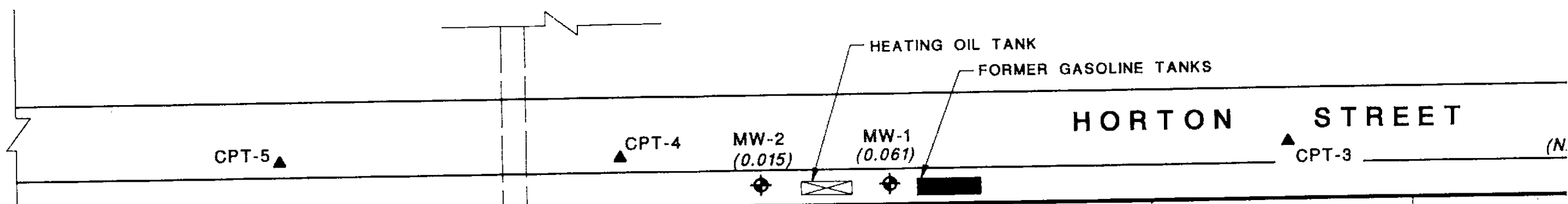
**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

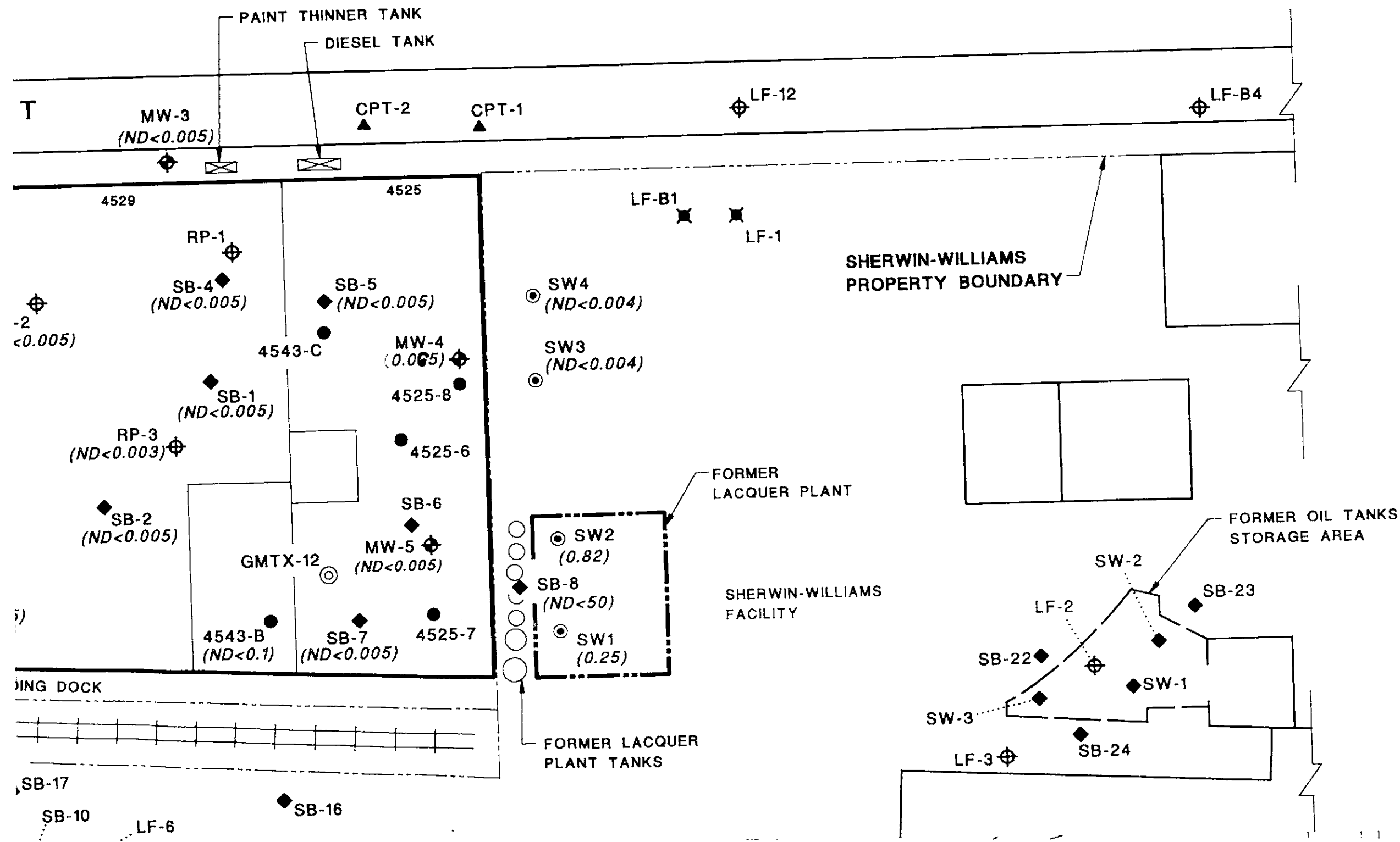
DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

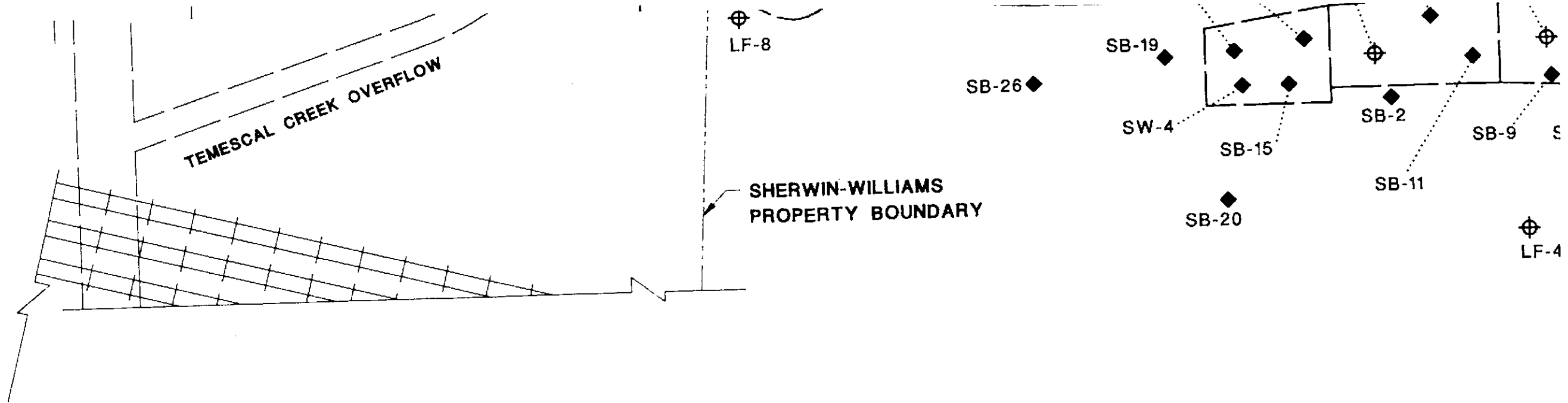
PLATE

**22**

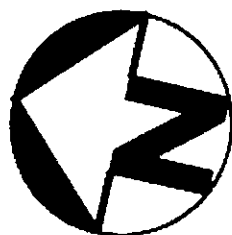
CHIRON FACILITY





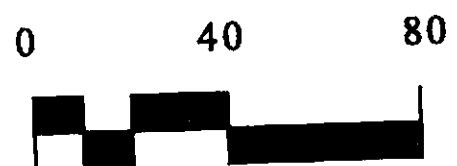


NORTH ARROW



APPROXIMATE

SCALE IN FEET



APPROXIMATE

## NOTES AND LIMITATIONS

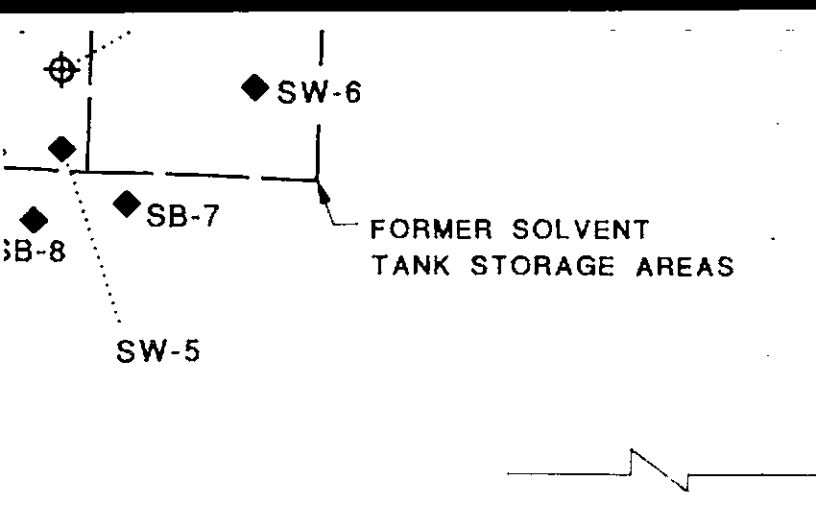
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**T**  
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SEE LEGEND ON PLATE NO. 22.



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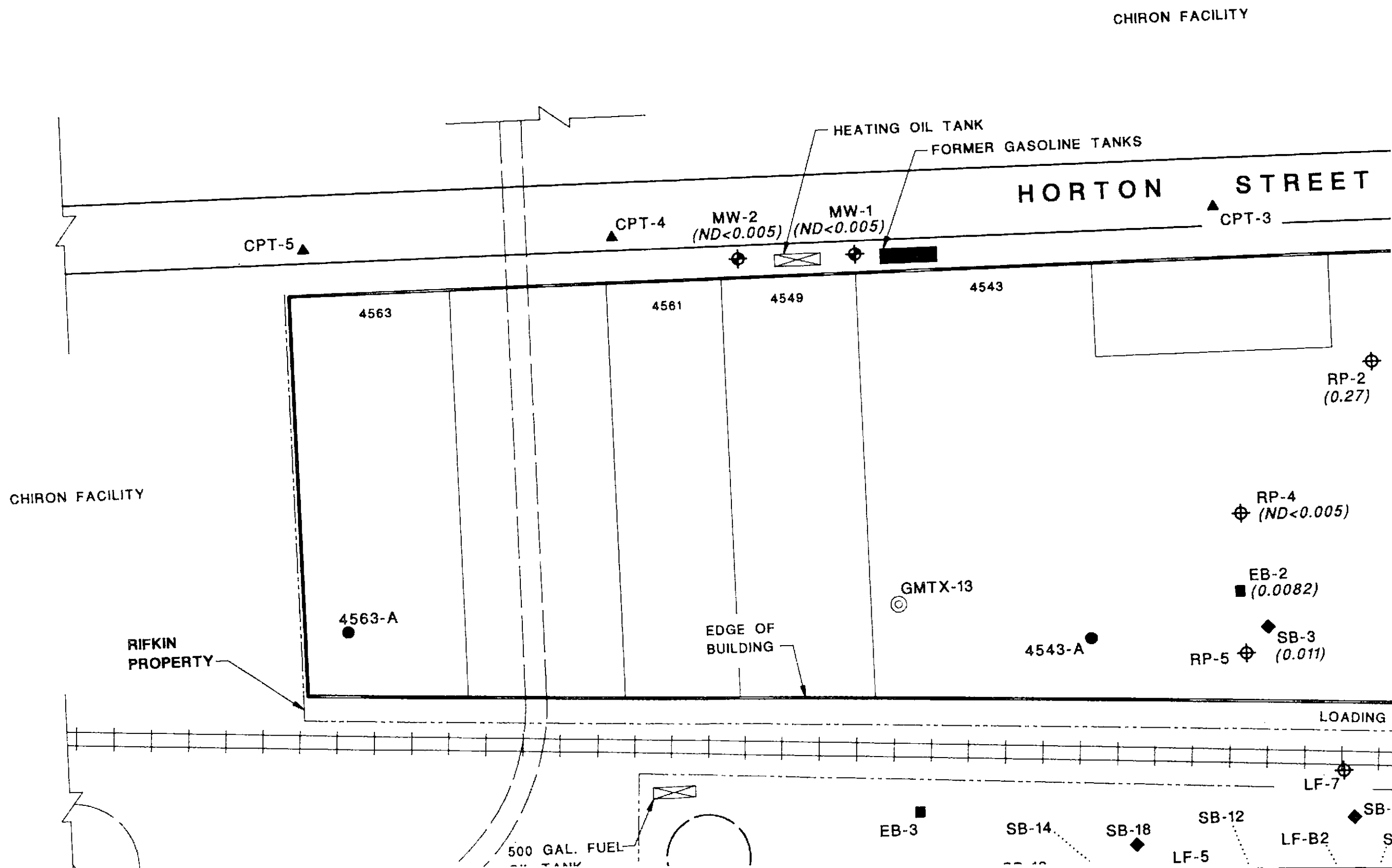
**BENZENE CONCENTRATION  
 IN SOIL SAMPLES  
 DEEPER SAMPLES, >6 FEET**

**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

**23**



CPT-5 ▲

CPT-4 ▲

MW-2  
(ND<0.005)

MW-1  
(ND<0.005)

CPT-3 ▲

4563

4561

4549

4543

4563-A ●

EDGE OF BUILDING

GMTX-13 ©

4543-A ●

RP-2  
(0.27)

RP-4  
(ND<0.005)

EB-2  
(0.0082)

SB-3  
(0.011)

RP-5

LOADING

LF-7

EB-3

SB-14

SB-18

SB-12

LF-5

LF-B2

SB-

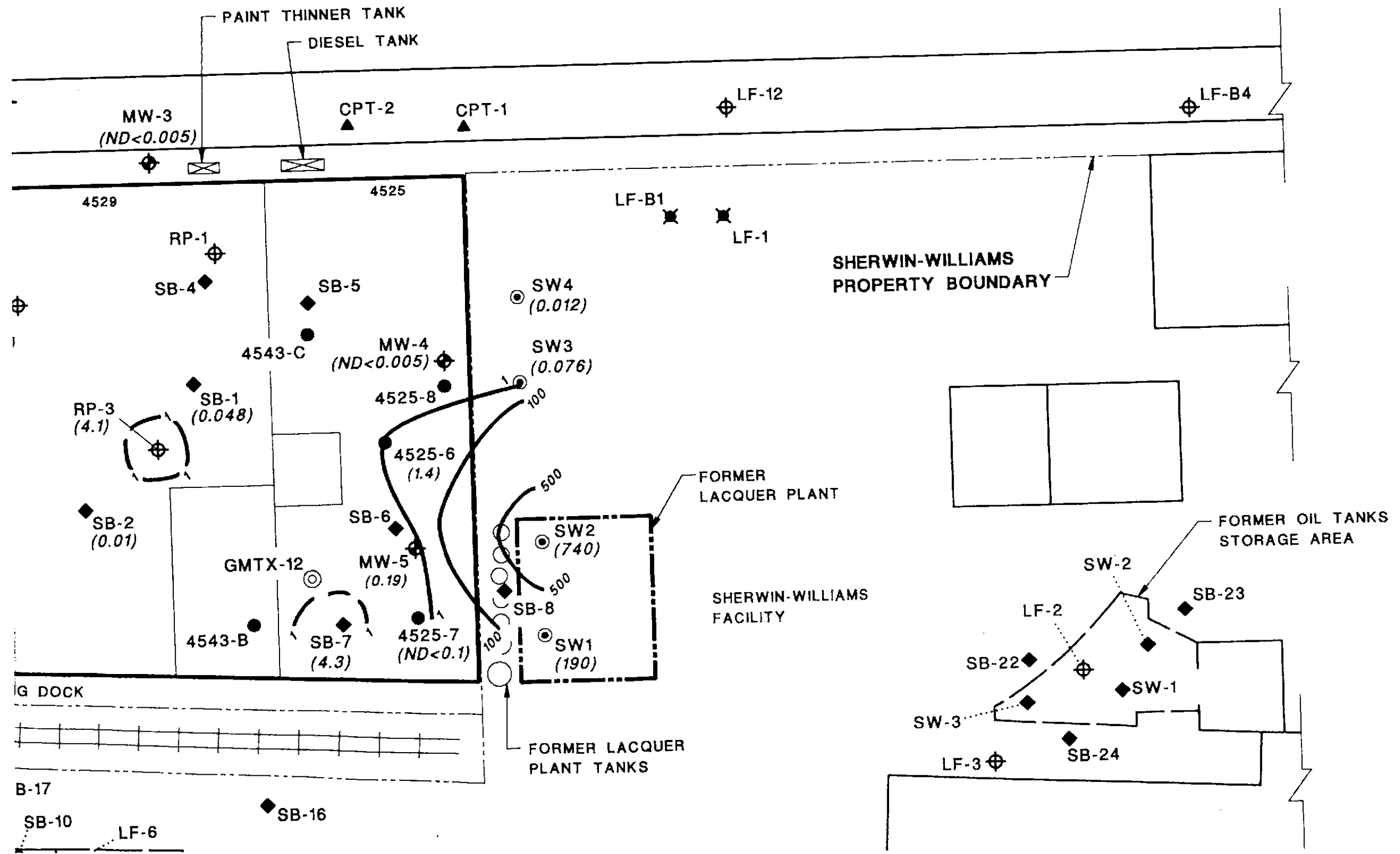
500 GAL. FUEL TANK

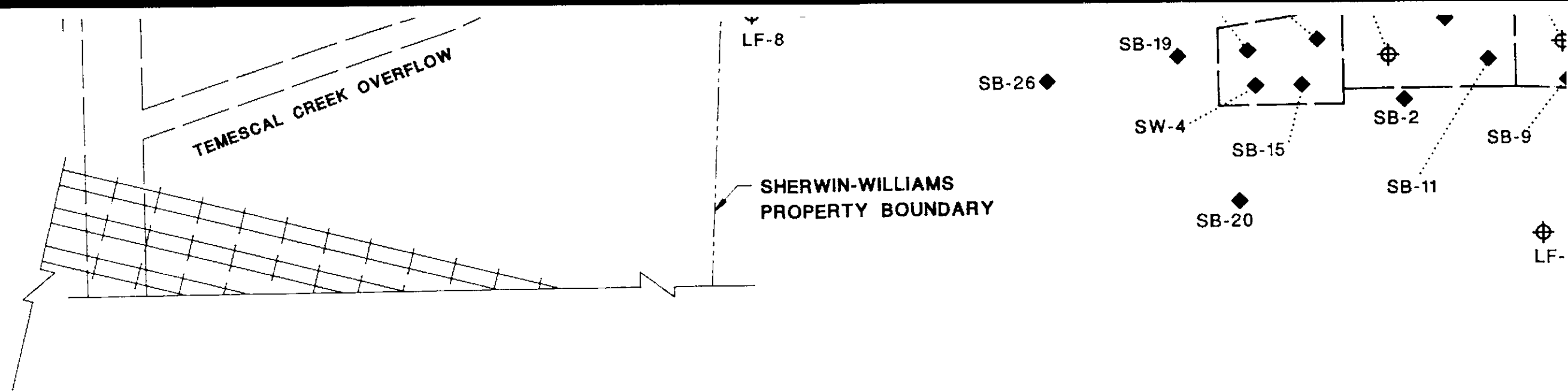
RIFKIN PROPERTY

CHIRON FACILITY

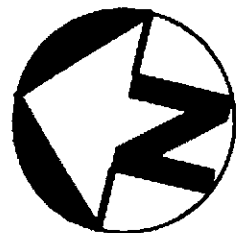
CHIRON FACILITY

HORTON STREET





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



APPROXIMATE

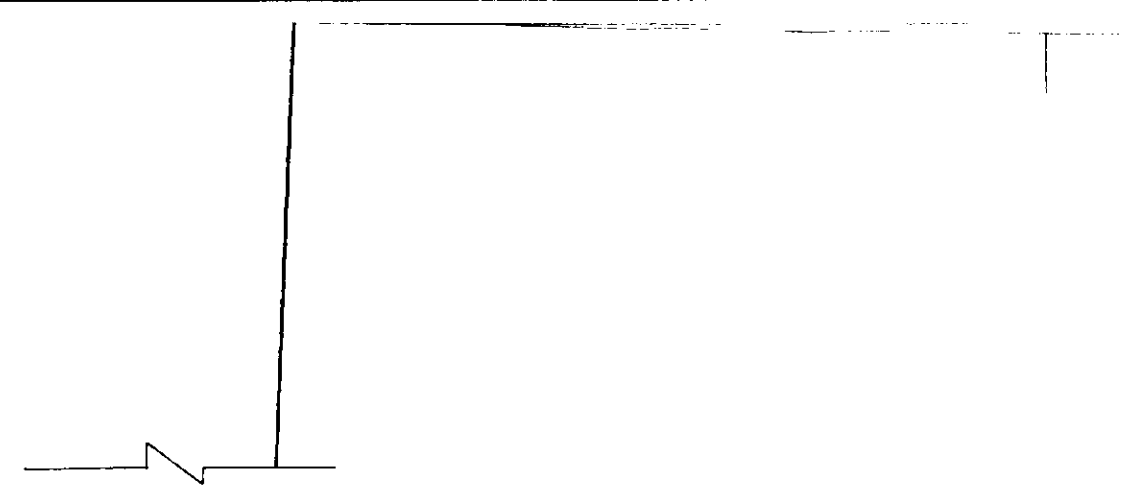
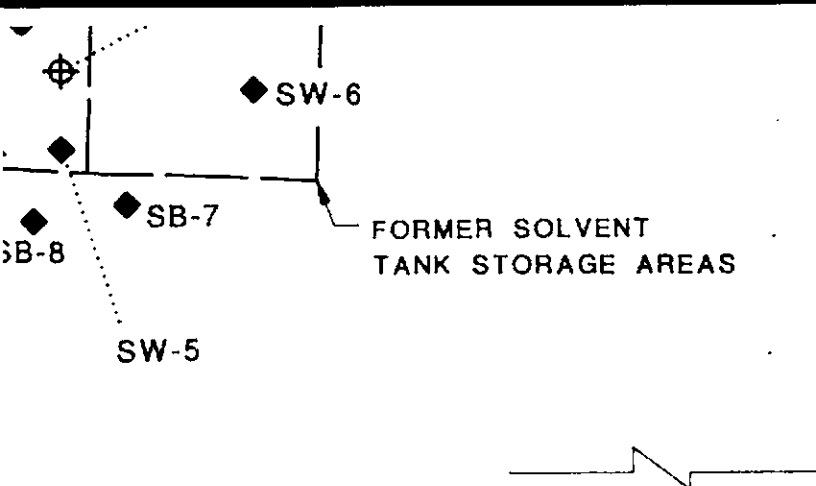
## NOTES AND LIMITATIONS

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Enviro



**EXPLANATION OF MAP SYMBOLS**

- |  |  |  |  |
|--|--|--|--|
|  | MONITORING WELL, TMC 1994  |  | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993         |
|  | MONITORING WELL, LEVINE FRICKE   |  | FORMER SOIL BORING LOCATION, HARTING LAWSON 1982                       |
|  | EXPLORATORY SOIL BORING, TMC 1994  |  | SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994            |
|  | GEOTECHNICAL SOIL BORING, EKI, 1994                                      |  | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993 |
|  | UNDERGROUND TANKS REMOVED IN 1993  |  | DESTROYED WELL   |
|  | FORMER GASOLINE TANKS REMOVED IN 1988                                    |  | FENCE  |
|  | CONTOUR OF EQUAL CONCENTRATIONS IN PPM (MG/KG)<br>DASHED WHERE ESTIMATED |  |  |
|  | ND - ANALYTES NOT DETECTED AT, OR ABOVE<br>LABORATORY DETECTION LIMITS   |  |  |



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 510-232-8366 FAX 510-232-5133

**TOLUENE CONCENTRATION  
 IN SOIL SAMPLES  
 SHALLOW SAMPLES, 3 - 6 FEET**

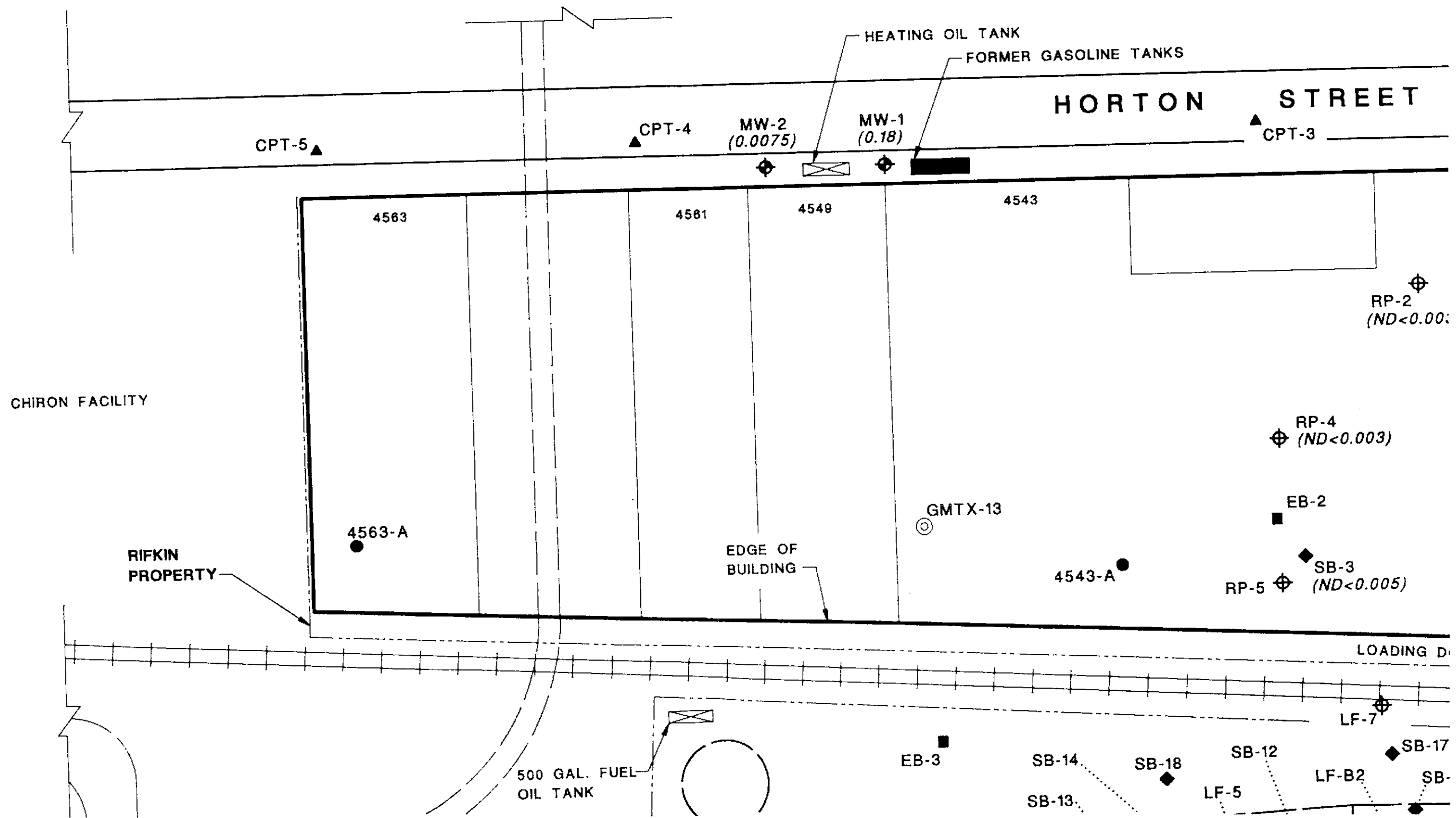
**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

**24**

CHIRON FACILITY



HORTON STREET

CPT-5

CPT-4

MW-2  
(0.0075)

MW-1  
(0.18)

CPT-3

HEATING OIL TANK

FORMER GASOLINE TANKS

4563

4581

4549

4543

RP-2  
(ND < 0.00)

CHIRON FACILITY

RP-4  
(ND < 0.003)

RIFKIN  
PROPERTY

EB-2

4563-A

EDGE OF  
BUILDING

GMTX-13

4543-A

RP-5  
(ND < 0.005)

LOADING D

500 GAL. FUEL  
OIL TANK

EB-3

SB-14

SB-18

SB-12

LF-7

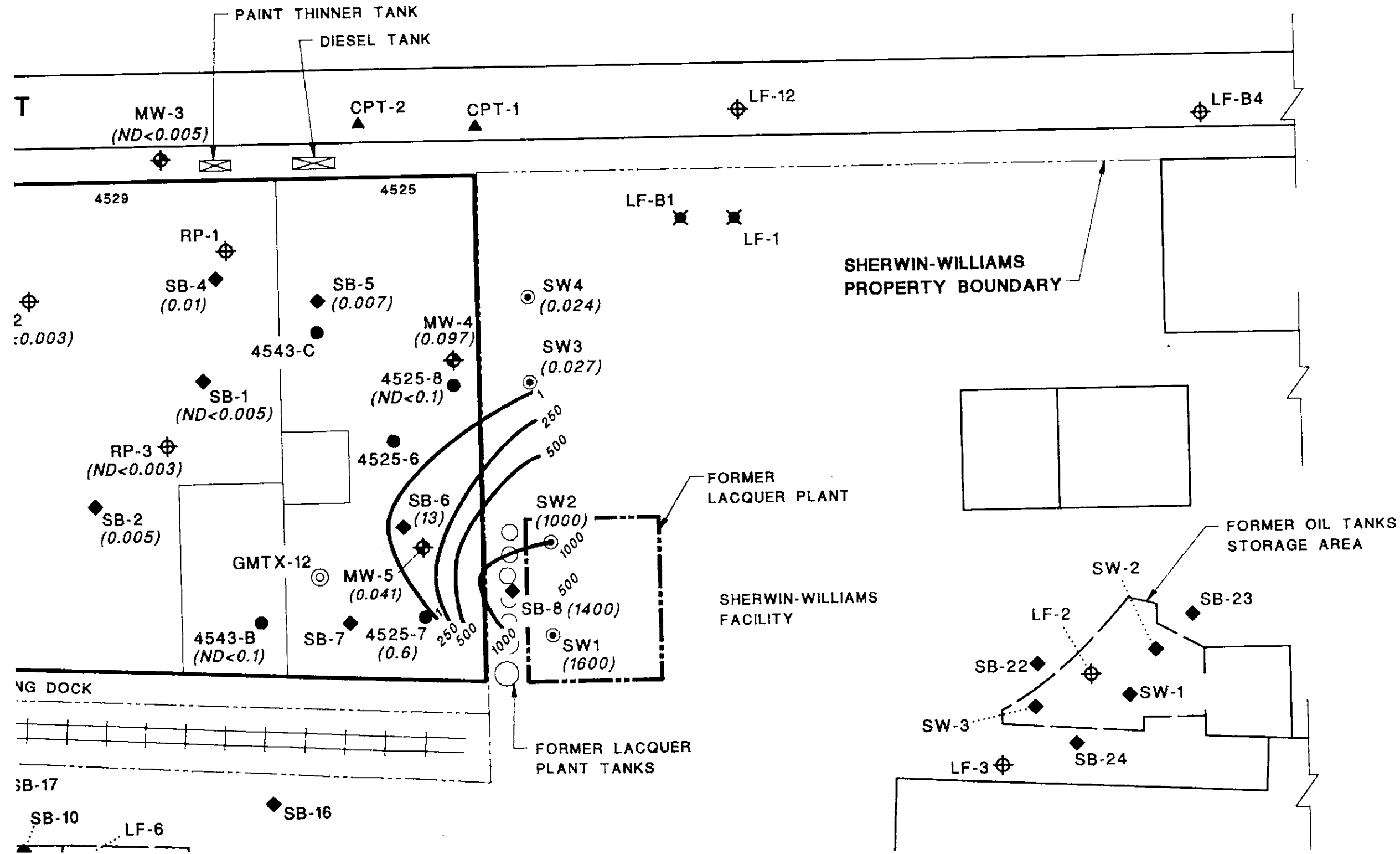
SB-17

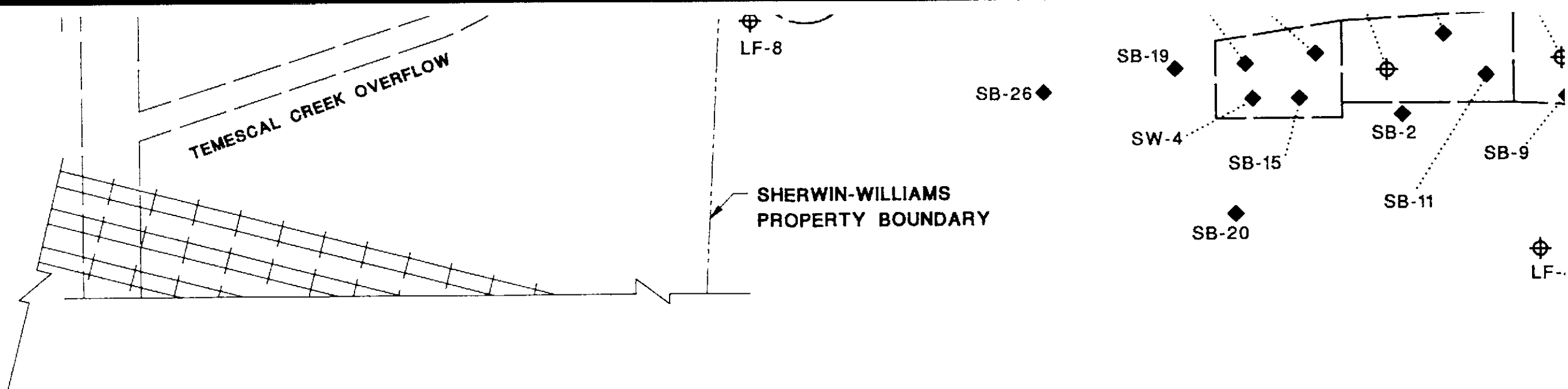
SB-13

LF-5

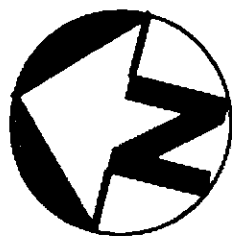
LF-B2

SB





NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



APPROXIMATE

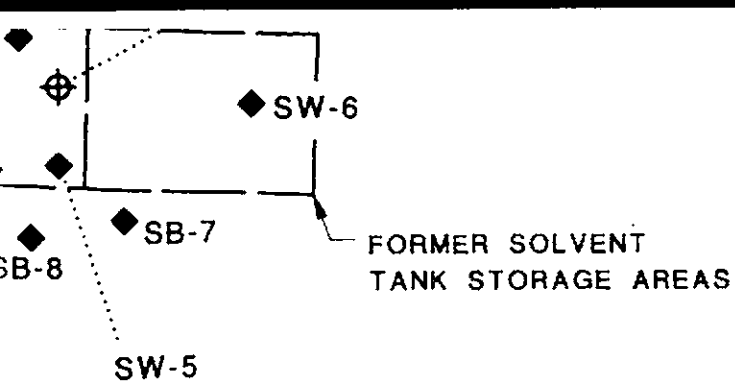
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**EXPLANATION OF MAP SYMBOLS**

- |  |  |  |  |
|--|--|--|--|
|  | MONITORING WELL, TMC 1994  |  | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993         |
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|  | GEOTECHNICAL SOIL BORING, EKI, 1994                                      |  | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993 |
|  | UNDERGROUND TANKS REMOVED IN 1993  |  | DESTROYED WELL   |
|  | FORMER GASOLINE TANKS REMOVED IN 1988                                    |  | FENCE  |
|  | CONTOUR OF EQUAL CONCENTRATIONS IN PPM (MG/KG)<br>DASHED WHERE ESTIMATED |  |  |
|  | ND - ANALYTES NOT DETECTED AT, OR ABOVE<br>LABORATORY DETECTION LIMITS   |  |  |



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**TOLUENE CONCENTRATION  
 IN SOIL SAMPLES  
 DEEPER SAMPLES, >6 - 12.5 FEET**

**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

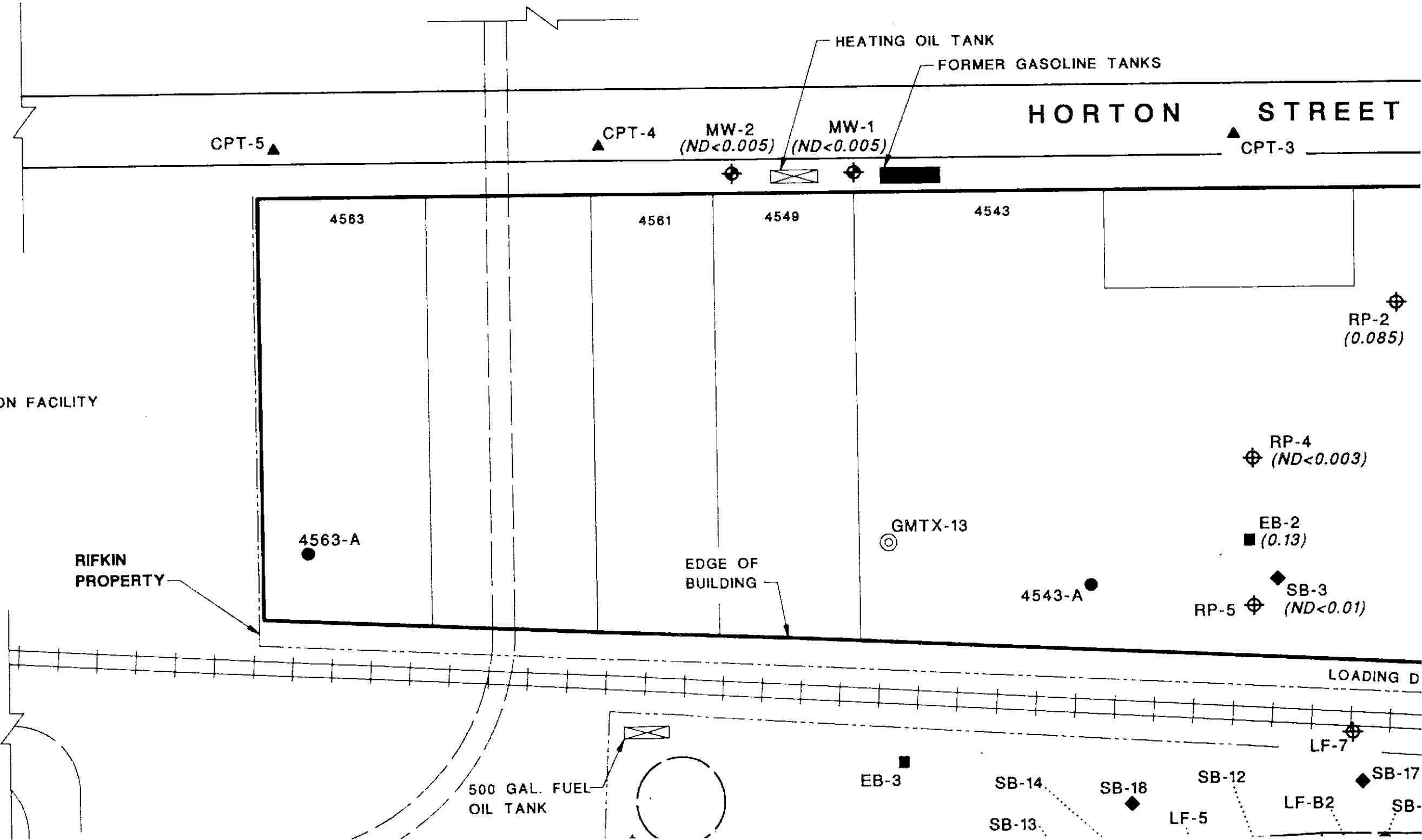
**25**

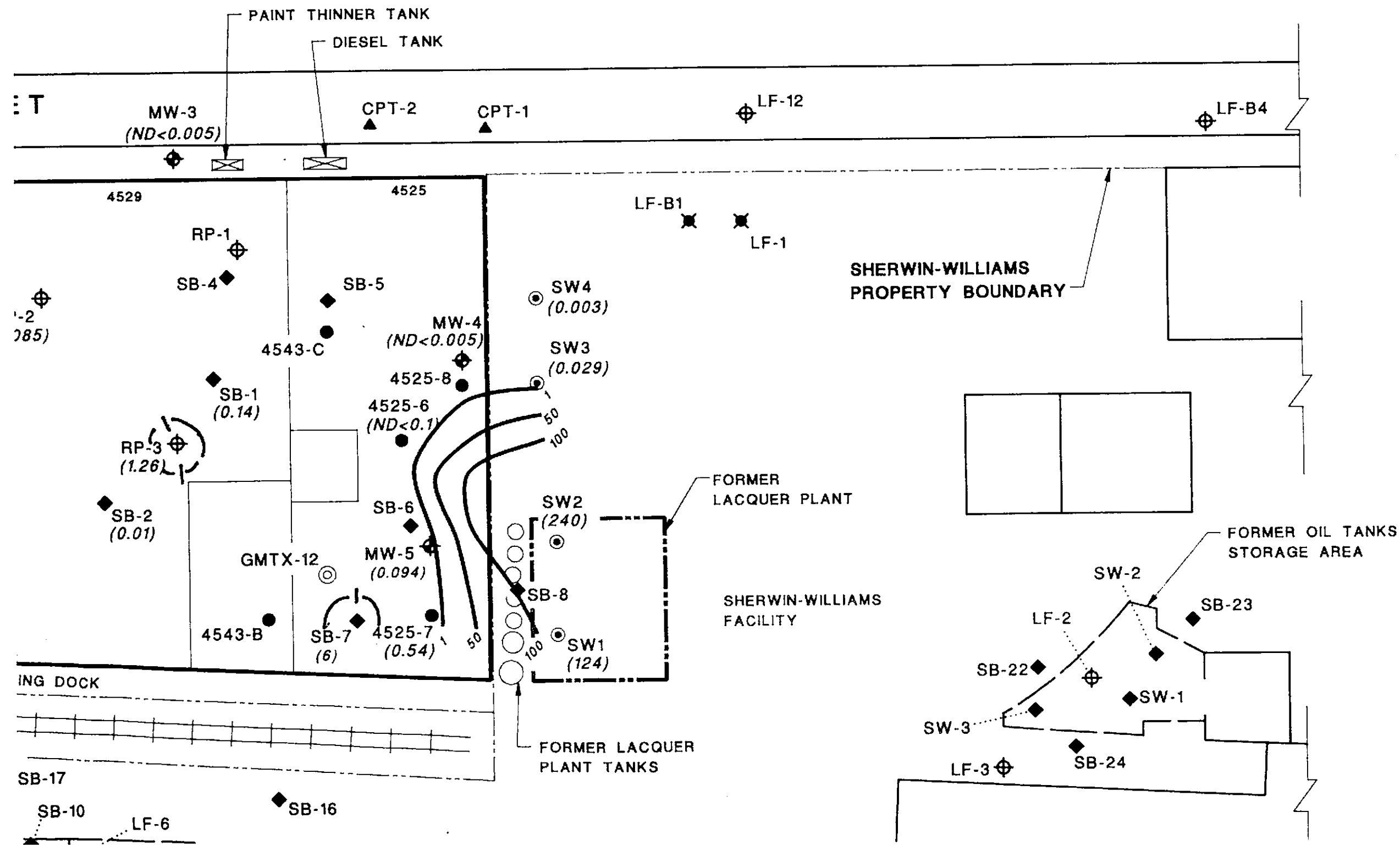
CHIRON FACILITY

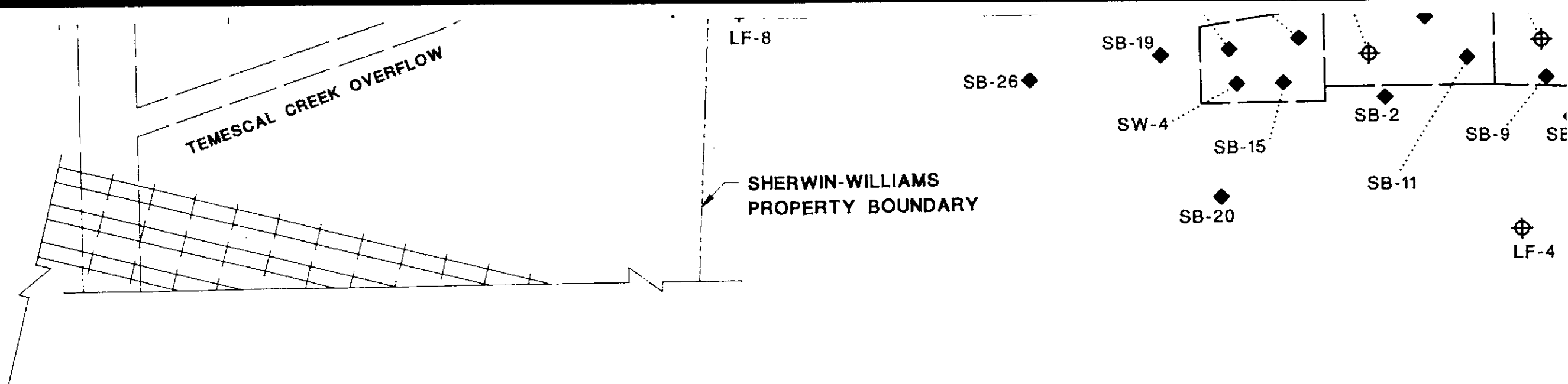
CHIRON FACILITY

RIFKIN PROPERTY

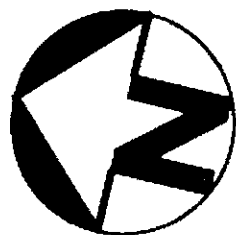
HORTON STREET







NORTH ARROW



APPROXIMATE

SCALE IN FEET

0 40 80



APPROXIMATE

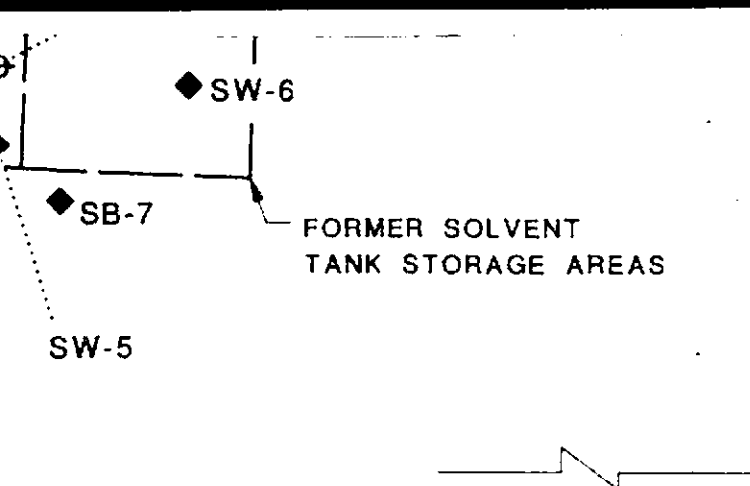
## NOTES AND LIMITATIONS

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Environment



### EXPLANATION OF MAP SYMBOLS

- |  |  |  |  |
|--|--|--|--|
|  | MONITORING WELL, TMC 1994  |  | CPT/HYDROPUNCH LOCATION BY ERLER & KALINOWSKI, INC., JULY 1993         |
|  | MONITORING WELL, LEVINE FRICKE   |  | FORMER SOIL BORING LOCATION, HARTING LAWSON 1992                       |
|  | EXPLORATORY SOIL BORING, TMC 1994  |  | SOIL & GRAB GROUND-WATER LOCATION, LEVINE-FRICKE APRIL 1994            |
|  | GEOTECHNICAL SOIL BORING, EKI, 1994                                      |  | SOIL & GRAB GROUND-WATER LOCATION, ERLER & KALINOWSKI, INC., JULY 1993 |
|  | UNDERGROUND TANKS REMOVED IN 1993  |  | DESTROYED WELL   |
|  | FORMER GASOLINE TANKS REMOVED IN 1988                                    |  | FENCE  |
|  | CONTOUR OF EQUAL CONCENTRATIONS IN PPM (MG/KG)<br>DASHED WHERE ESTIMATED |  |  |
|  | ND - ANALYTES NOT DETECTED AT, OR ABOVE<br>LABORATORY DETECTION LIMITS   |  |  |



**TMC ENVIRONMENTAL, INC.**

13908 SAN PABLO AVENUE, SUITE 101  
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**XYLENE CONCENTRATION  
 IN SOIL SAMPLES  
 SHALLOW SAMPLES, 3 - 6 FEET**

**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

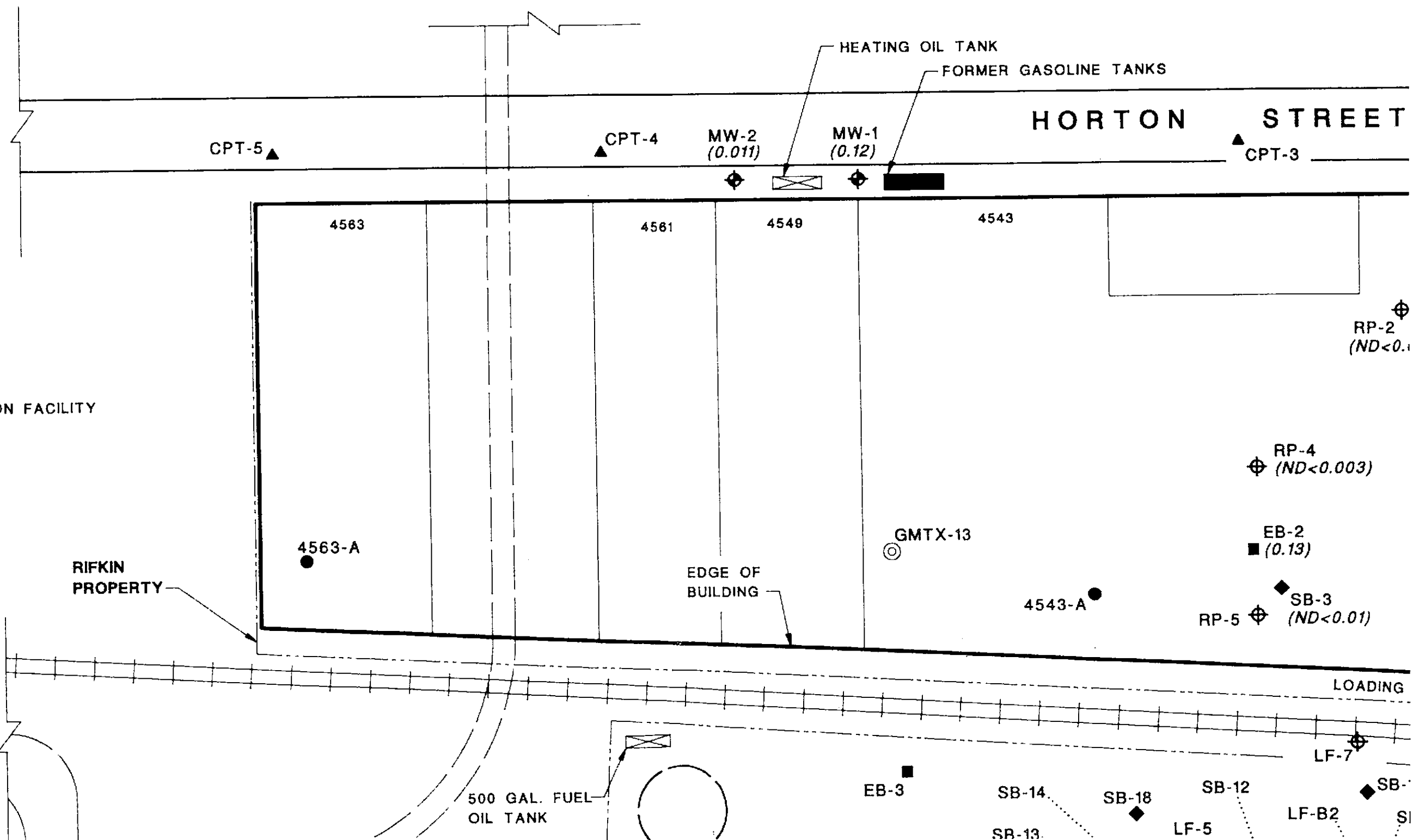
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PLATE

**26**

CHIRON FACILITY



HORTON STREET

CPT-5 ▲

CPT-4 ▲

MW-2  
(0.011)

MW-1  
(0.12)

CPT-3 ▲

4563

4561

4549

4543

RP-2  
(ND < 0.1)

CHIRON FACILITY

RP-4  
(ND < 0.003)

RIFKIN  
PROPERTY

4563-A ●

EDGE OF  
BUILDING

GMTX-13 ⊙

EB-2  
(0.13) ■

4543-A ●

RP-5 ⊕ SB-3  
(ND < 0.01) ◆

LOADING

500 GAL. FUEL  
OIL TANK

EB-3 ■

SB-14

SB-18 ◆

SB-12

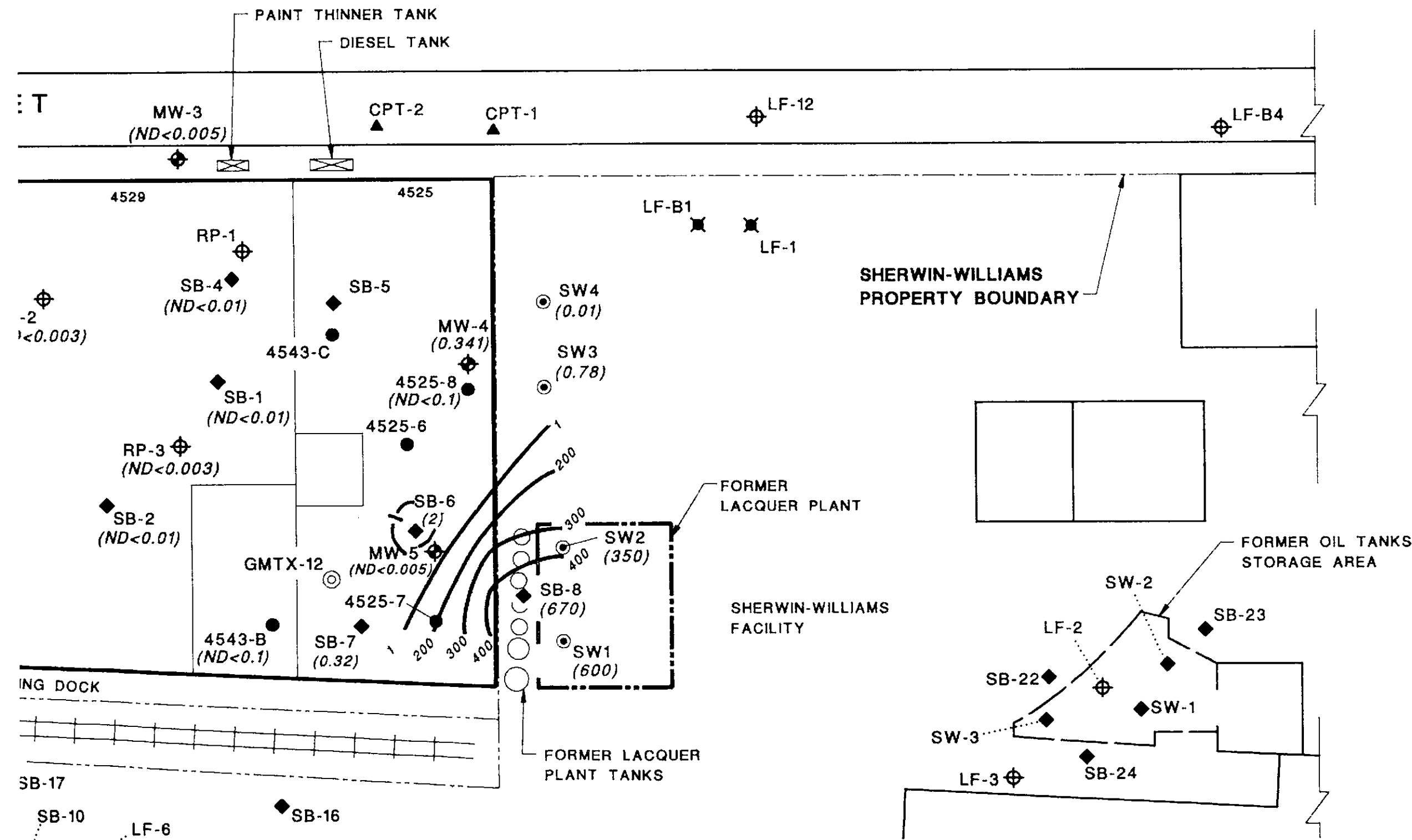
LF-5

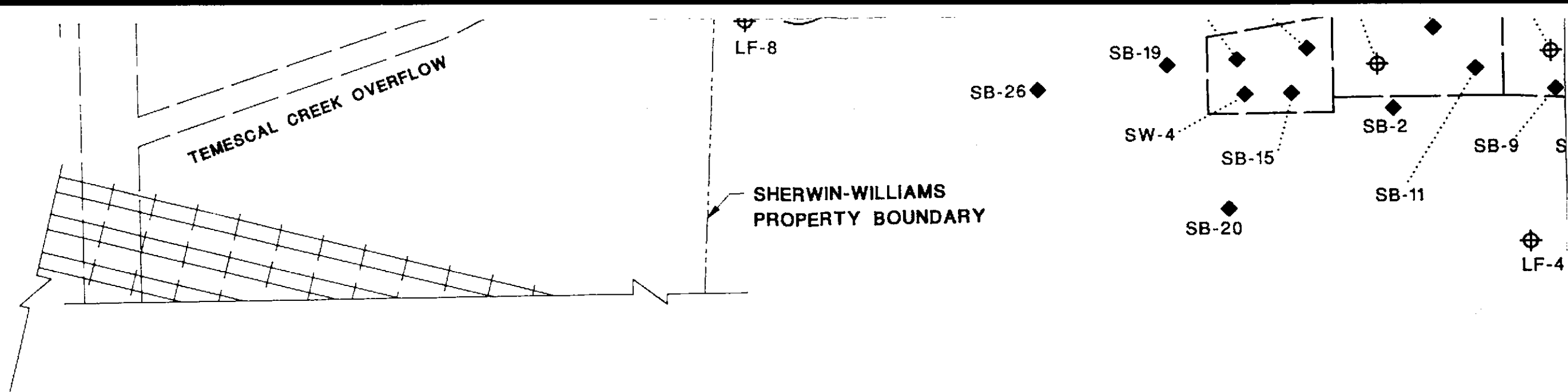
LF-7 ⊕

LF-B2

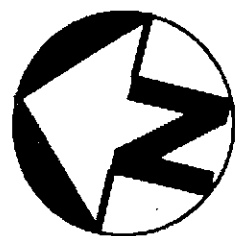
SB-13 ◆

SI



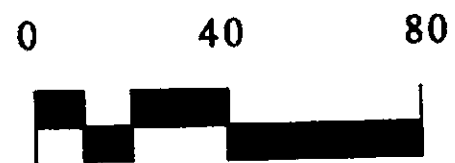


NORTH ARROW



APPROXIMATE

SCALE IN FEET



APPROXIMATE

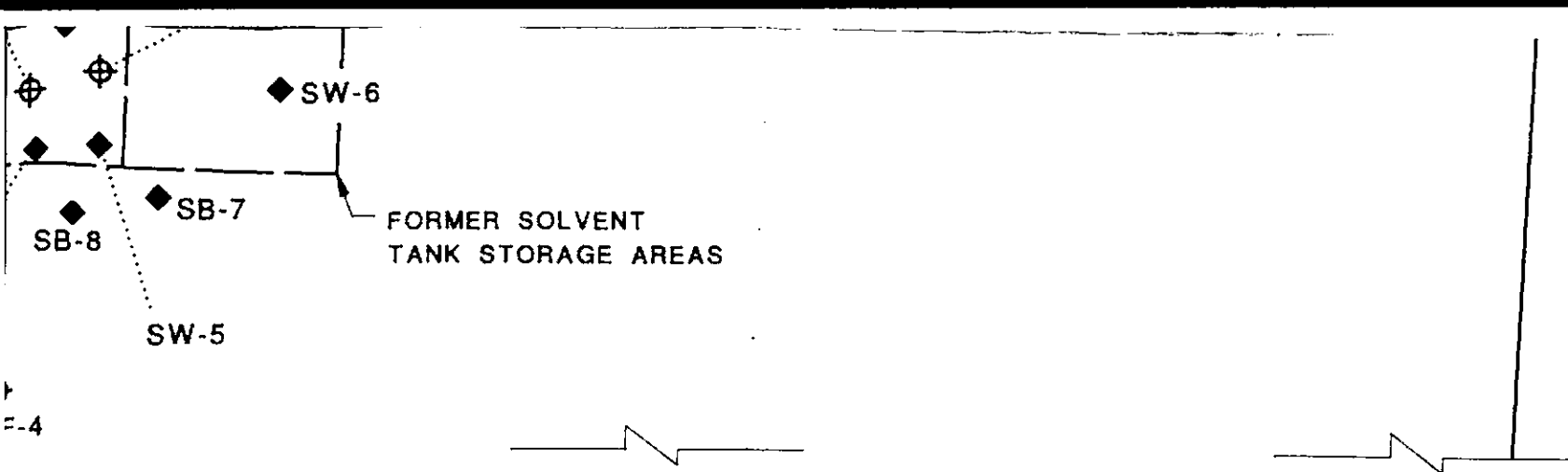
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**XYLENE CONCENTRATION  
 IN SOIL SAMPLES  
 DEEPER SAMPLES, >6 FEET**

**RIFKIN PROPERTY  
 EMERYVILLE, CALIFORNIA**

DATE OF DRAWING: APRIL, 1995 PROJECT NO. 115093

PLATE

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