



July 29, 2003

SOMA 02-2325

Ms. Eva Chu
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: Requested maps
Marina Cove Subdivision, 1801 Hibbard Street, Alameda, California,
and Park Parcel, 1521 Buena Vista Avenue, Alameda, California

Dear Ms. Chu,

As you requested, please find enclosed three copies of the Sample Locations/Monitoring Wells map for the Marina Cove Subdivision and the Park Parcel (collectively called "the Site"). Three copies of the isoconcentration and soil gas sampling results maps developed for the Site are also included, as suggested by Mr. Derek Wong of Innovative & Creative Environmental Solutions (ICES).

We look forward to hearing from you soon about the decision of Alameda County Environmental Health regarding the Site, based on your review of the Human Health Risk Assessment and subsequent discussions with you and Dr. Roger Brewer of the Regional Water Quality Control Board.

Please contact Derek or me with any questions you may have.

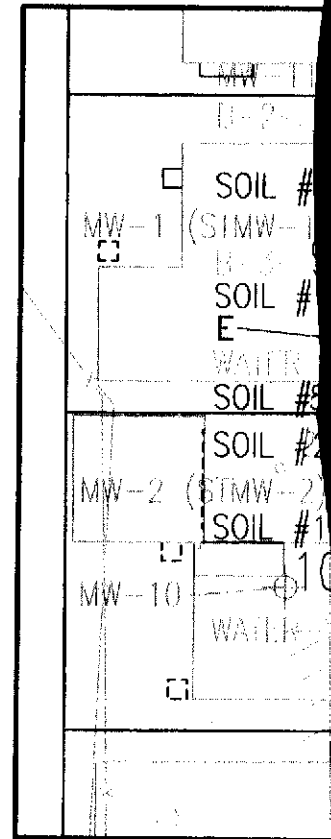
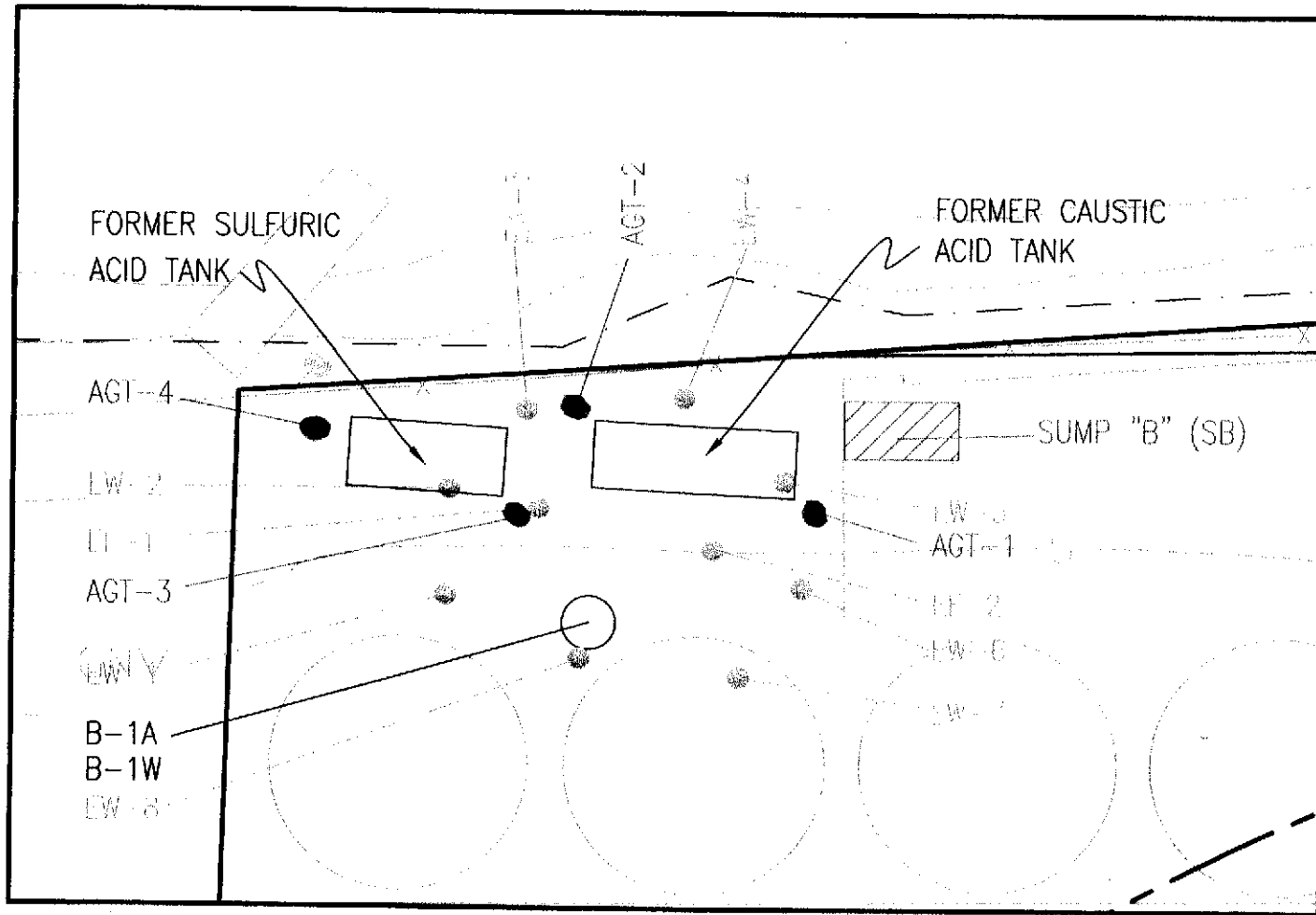
Sincerely,

A handwritten signature in cursive script that reads "Suzette Tay Lee".

Suzette Tay Lee
Project Scientist

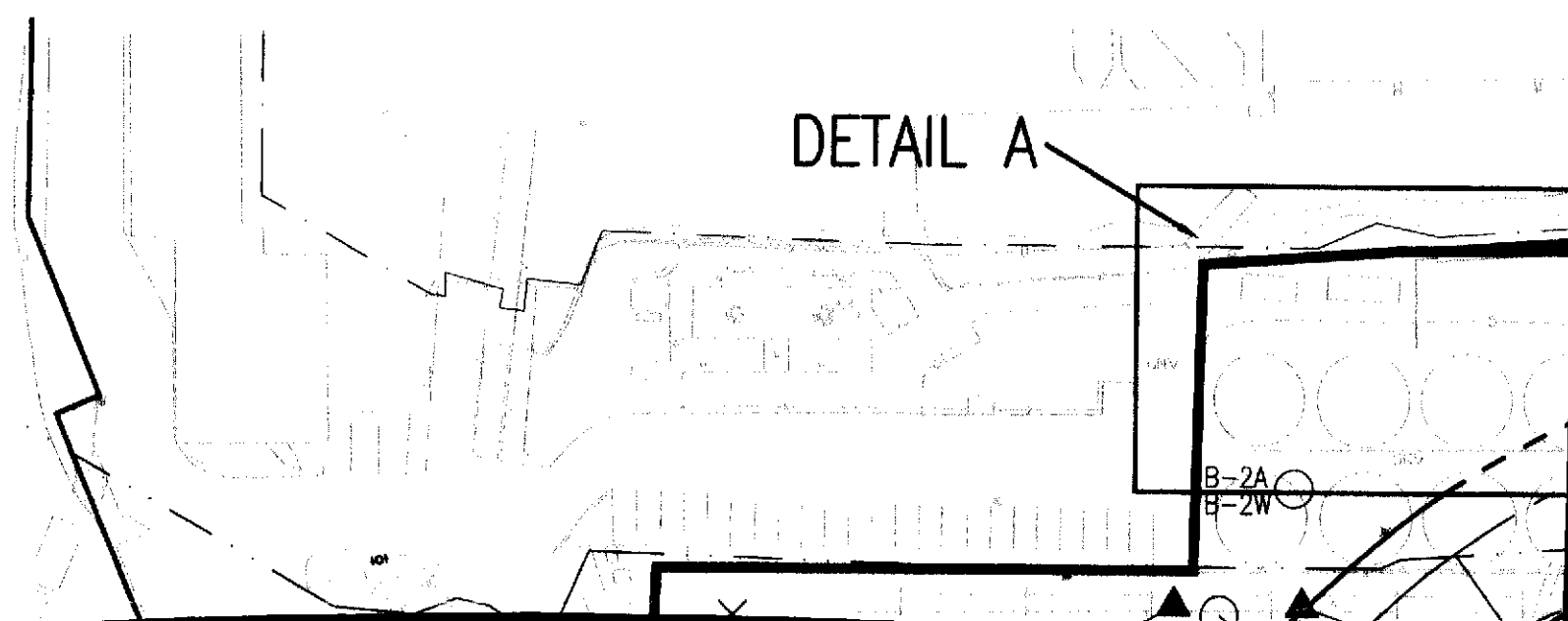
Enclosures

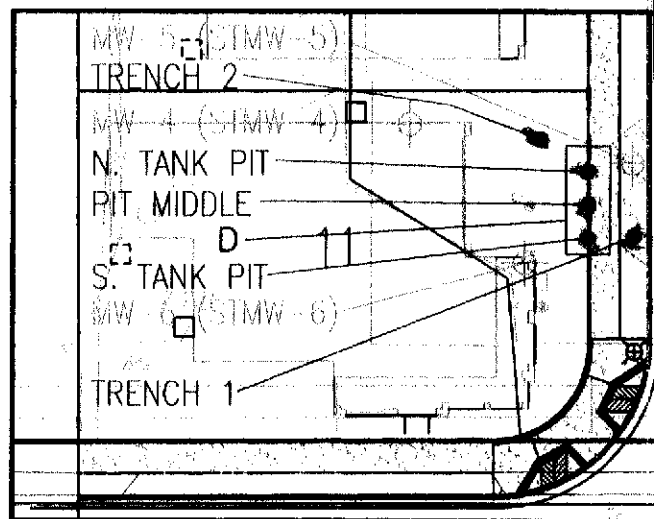
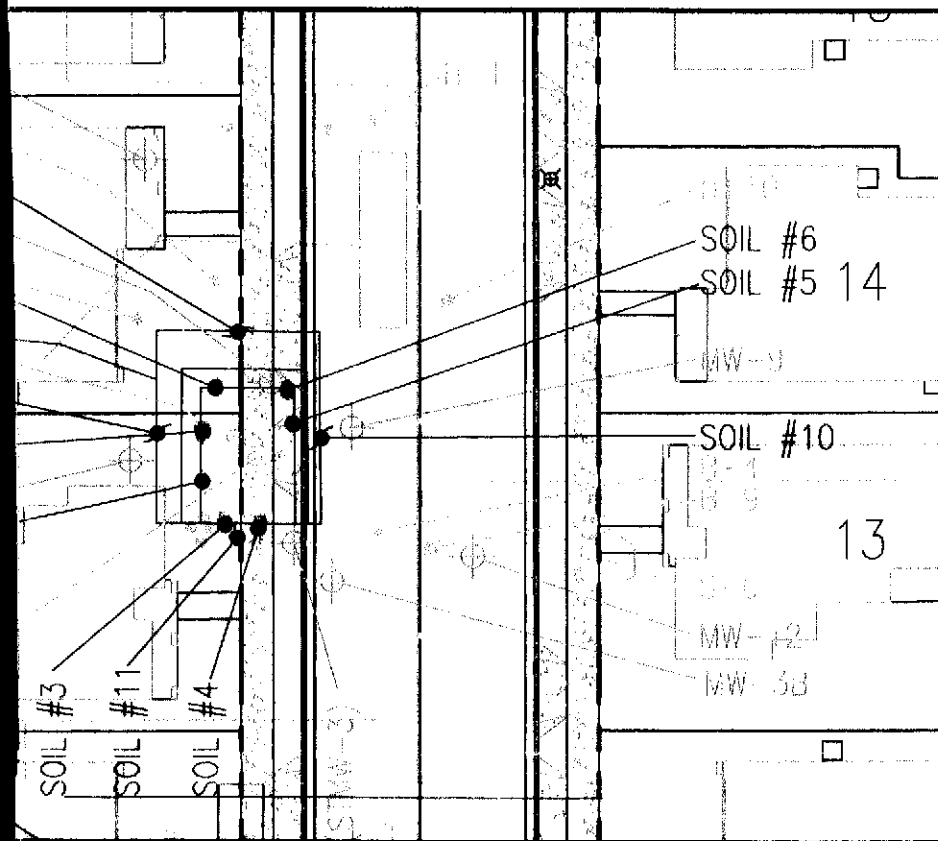
1412 62nd Street • Emeryville, CA 94608
(510) 654-3900 • FAX (510) 654-1960



DETAIL A

SCALE: 1"=20'

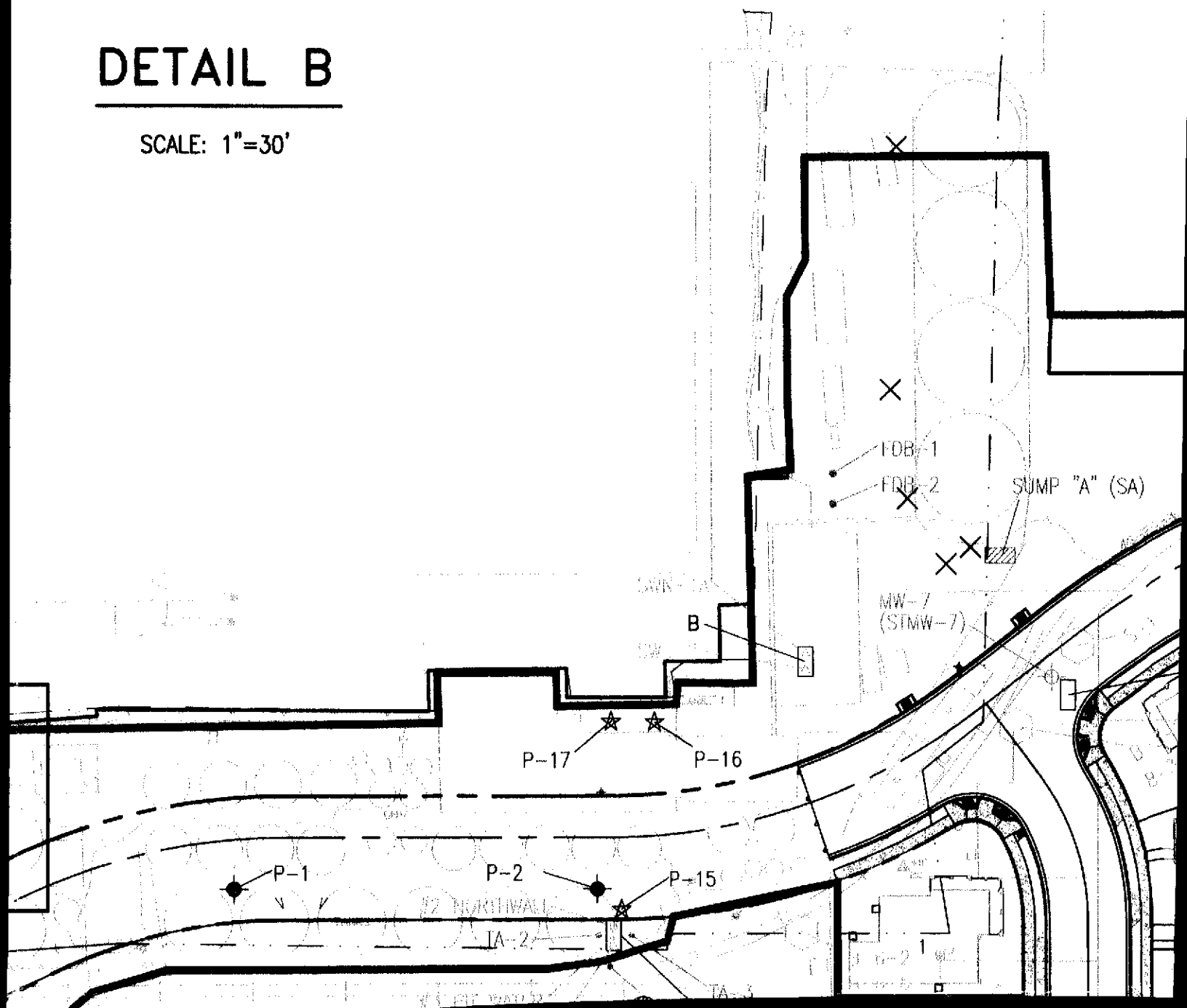




DET
SCALE

DETAIL B

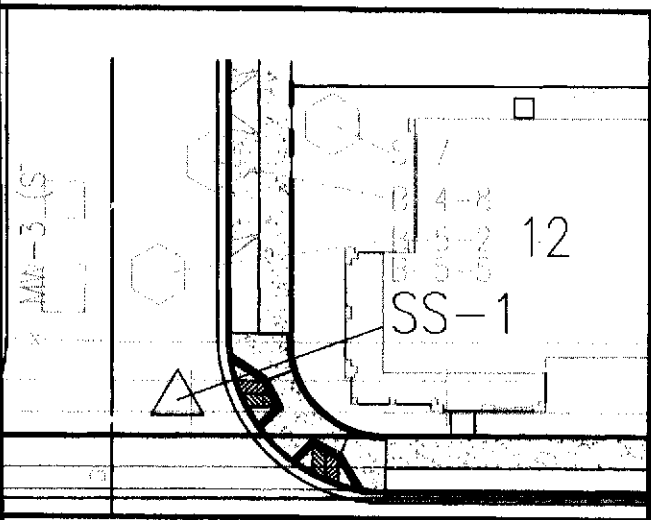
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LEGEND

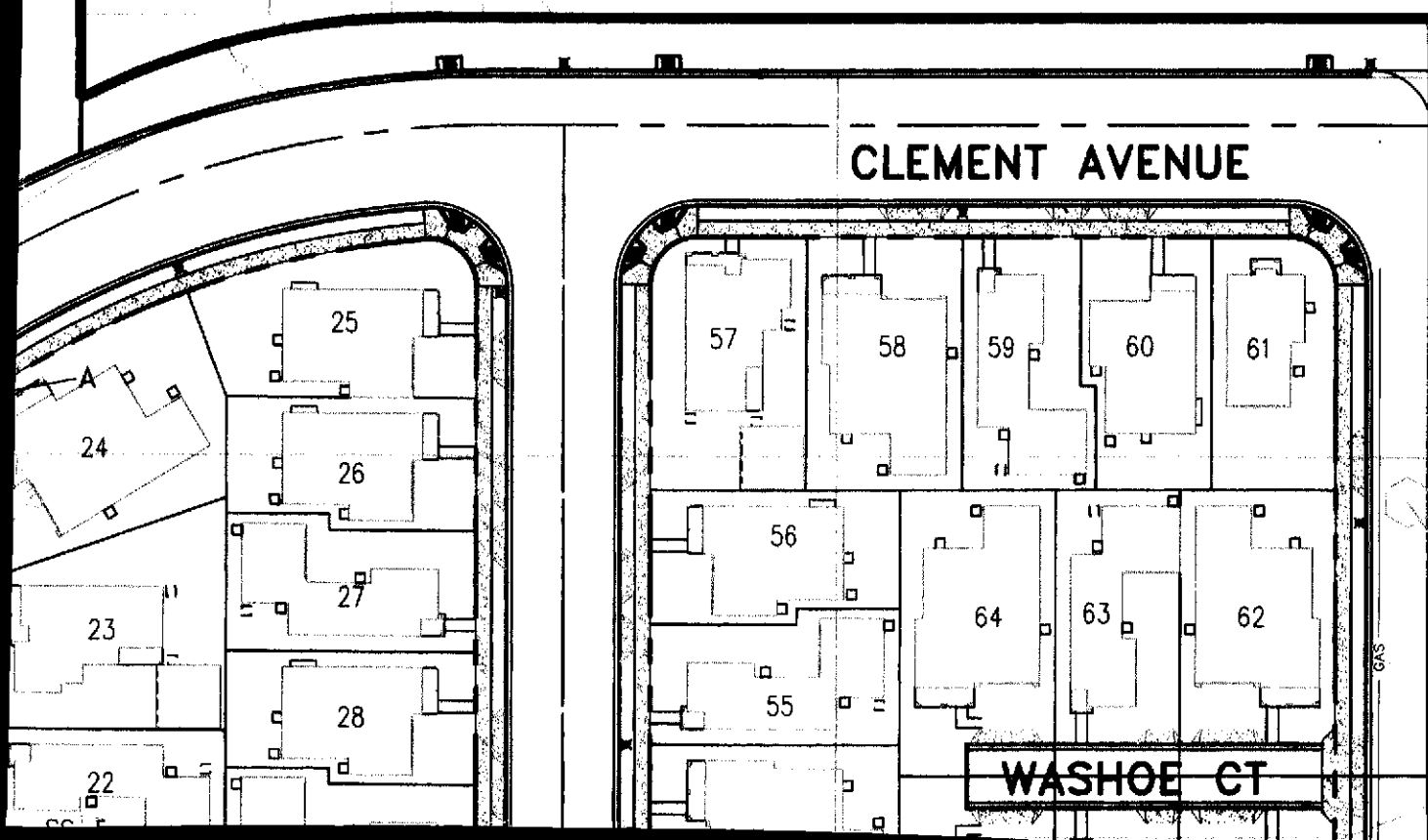
- A FORMER 10,000-GALLON DIESEL UST
- B FORMER 1,500-GALLON DIESEL UST
- C FORMER 2,000-GALLON DIESEL UST
- D FORMER 20,000-GALLON DIESEL UST
- E FORMER GASOLINE UST CLUSTER

- ICES, LIMITED SITE INVESTIGATION, AUGUST 1998
- △ ICES, REMEDIAL ACTIVITIES: RAILROAD BALLAST, 04/2000
- ⊗ ICES, LIMITED SITE INVESTIGATION-ABANDONED PENNZON PIPELINE, 03/1999
- △ ICES, UST REMOVAL-1500 GALLON DIESEL UST, 10/2000
- ⊗ ICES, SOIL SAMPLING, 01/2002
- ▲ ICES, SITE INVESTIGATION ACTIVITIES: TRENCH PARCEL, 10/2001
- ICES, SUPPLEMENTARY SITE INVESTIGATION: TRENCH PARCEL, 07/2002
- ⊗ ICES, SITE INVESTIGATION ACTIVITIES: SULFURIC ACID TANK REMOVAL, 10/2001
- BLYMER, SUBSURFACE SOIL INVESTIGATION, 07/1993



TAIL C

SCALE: 1"=30'



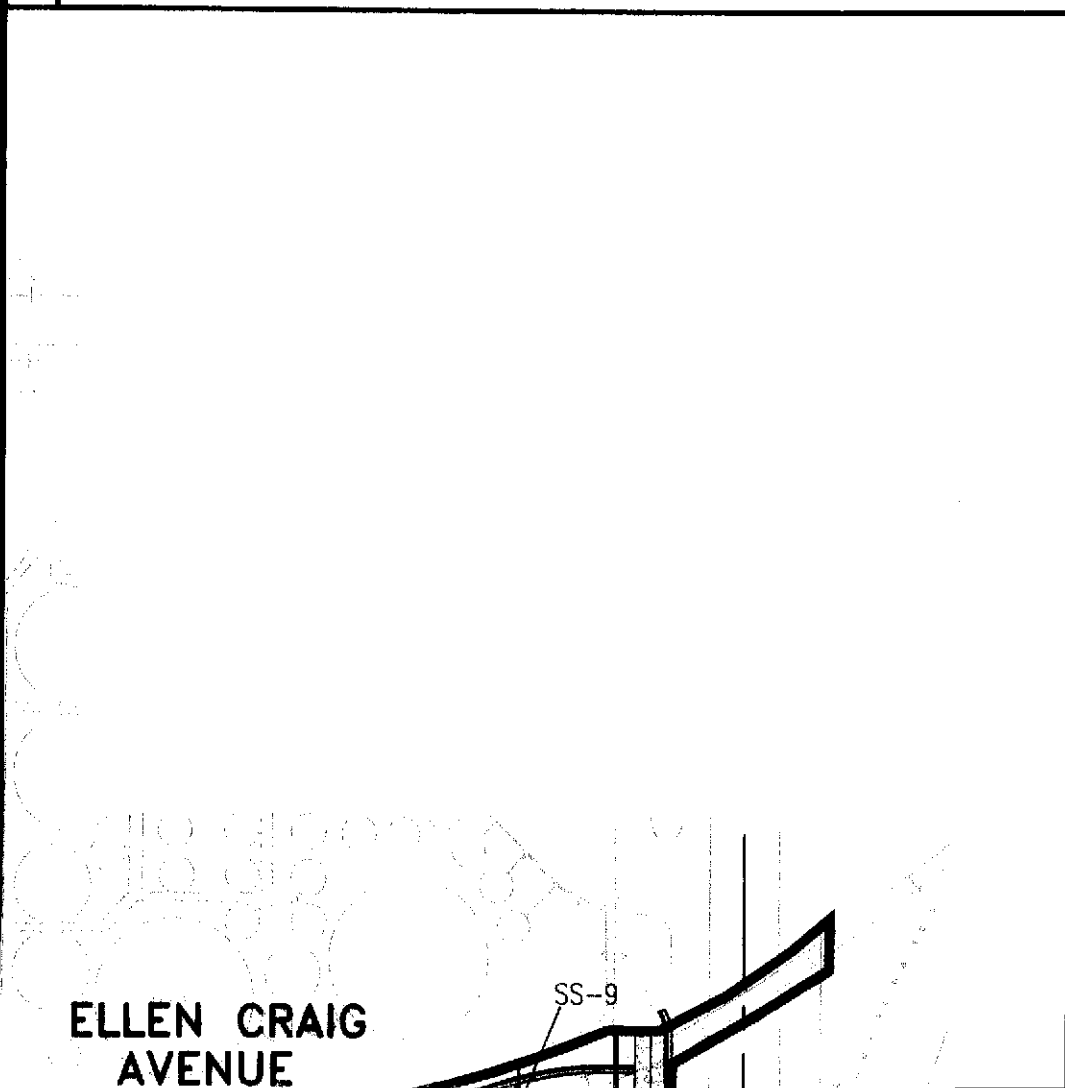
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- ☆ GEOMATRIX, SOIL INVESTIGATION, 02/1995
- SEMCO, UST REMOVAL-2000 GALLON DIESEL UST, 04/1994
- WEST & ASSOCIATES, ADDITIONAL SITE CHARACTERIZATION, 07/1999
- WEST & ASSOCIATES, SITE INVESTIGATION, 01/1994
- WEST & ASSOCIATES, UST REMOVAL: 20,000 GALLON DIESEL UST, 01/1994
- MINTER & FAHY, OVEREXCAVATION OF FORMER 3-1000 GALLON GASOLINE UST PIT, 02/1991
- MINTER & FAHY, OVEREXCAVATION OF FORMER 3-1000 GALLON GASOLINE UST PIT, 04/1991
- ◆ SOIL TECH, 12/1991, 04/1992, 12/1992-01/1993; WEST & ASSOCIATES, 01/1994
- ICES, SOIL VAPOR SAMPLING, 02/2003

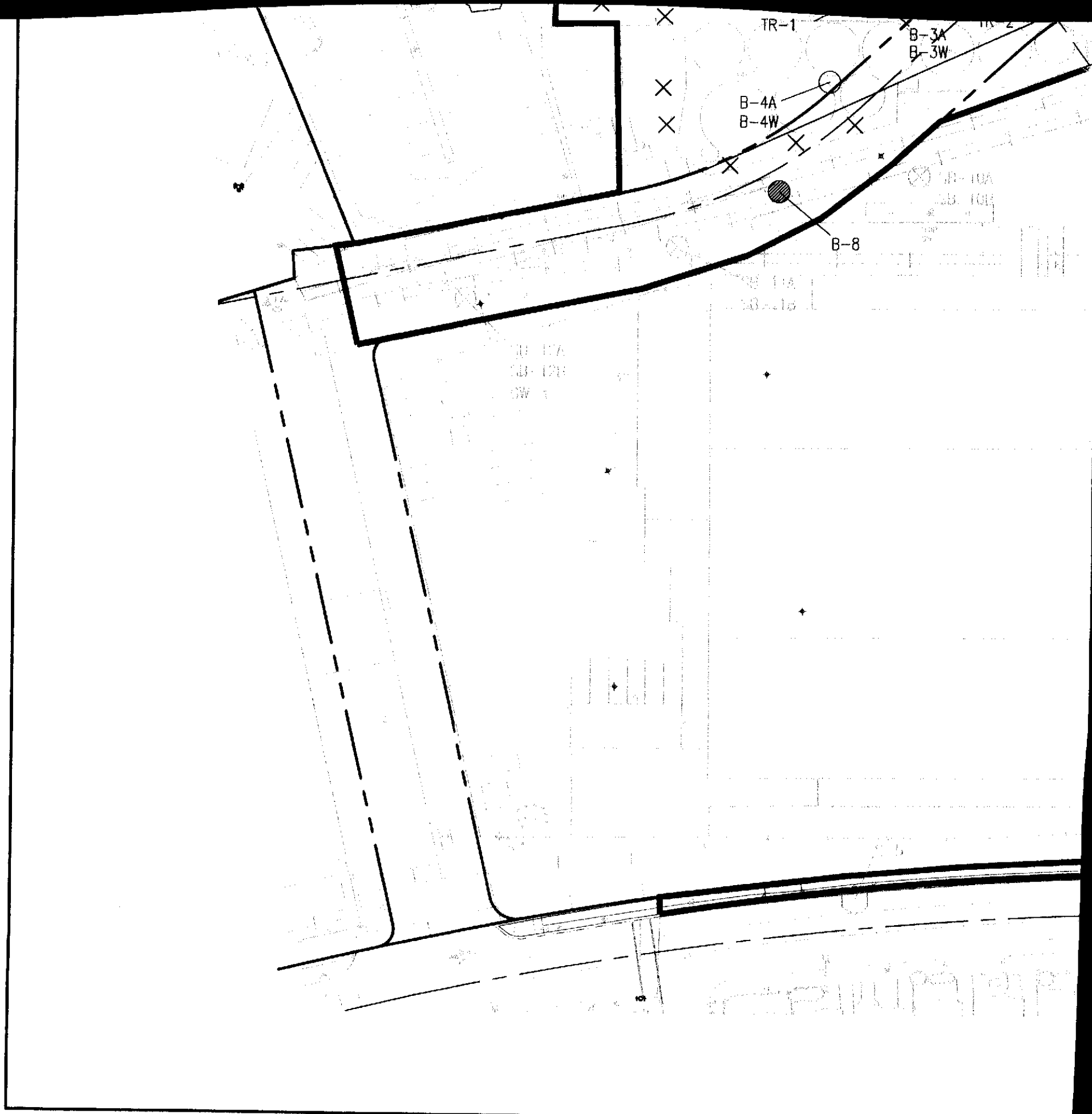
BY	DATE	REVISIONS

BELLECCI & ASSOCIATES, INC.

• CIVIL ENGINEERING • LAND PLANNING • LAND SURVEYING •
 2290 DIAMOND BOULEVARD, SUITE 100 CONCORD, CA. 94520
 PHONE (925) 685-4569 FAX (925) 685-4838

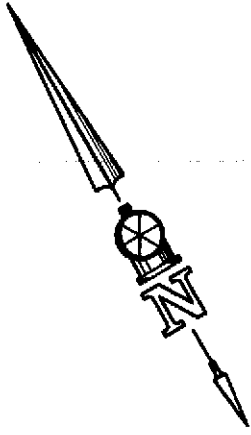


ELLEN CRAIG AVENUE



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C
TA-1
B-6

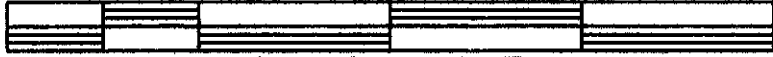


DETAIL D

DETAIL B

DETAIL C

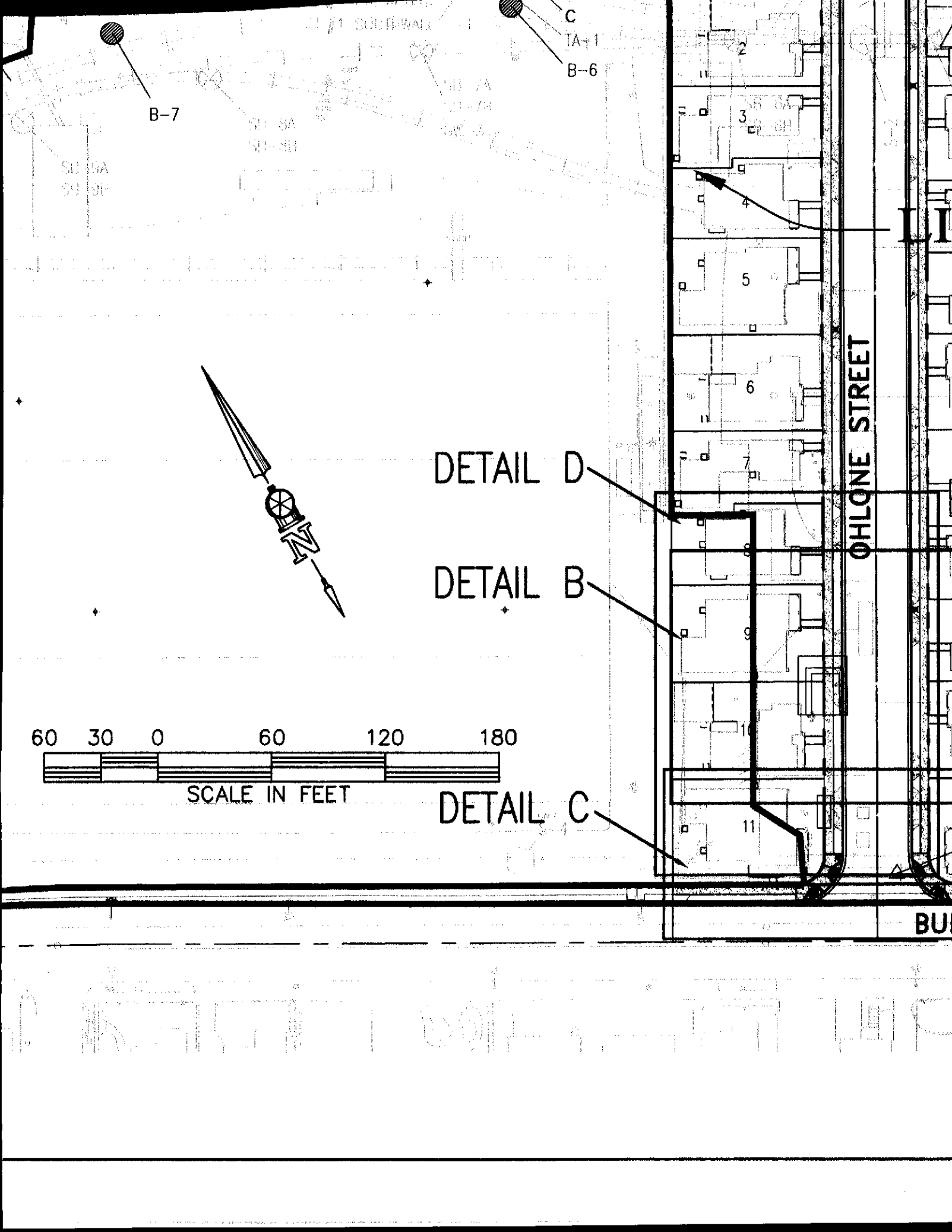
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SCALE IN FEET

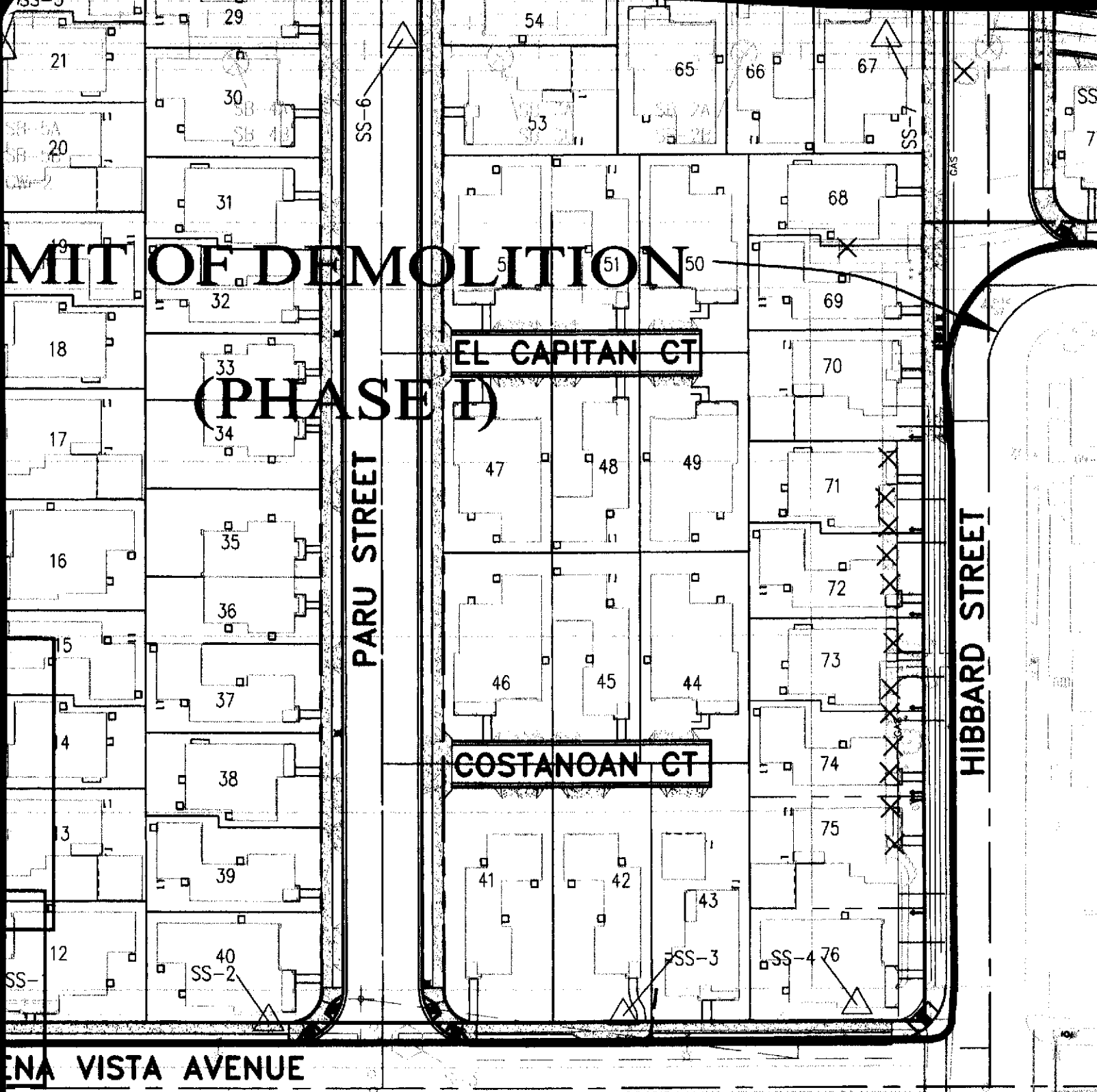
OHLONE STREET

BUI



MIT OF DEMOLITION

(PHASE I)



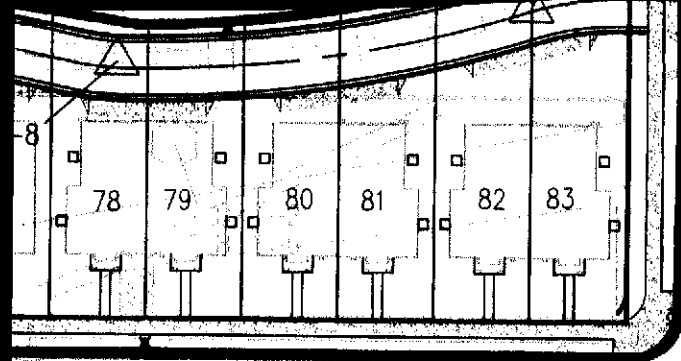
PARU STREET

HIBBARD STREET

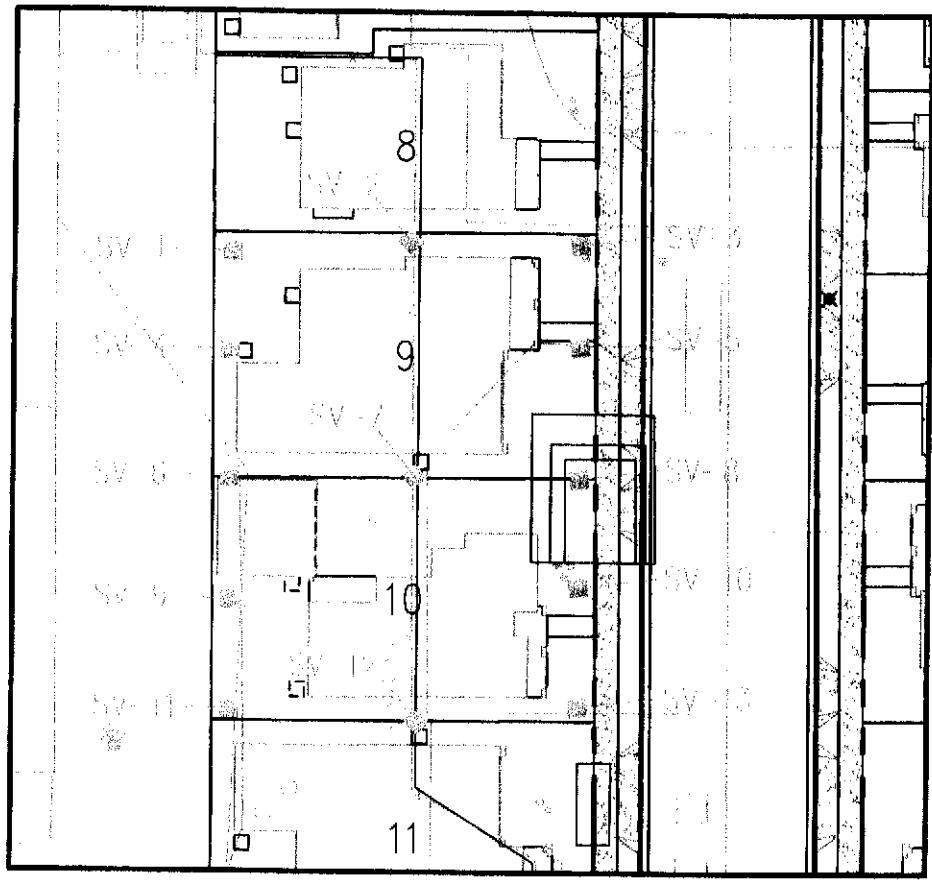
VISTA AVENUE

EL CAPITAN CT

COSTANOAN CT



EAGLE AVENUE



DETAIL D

SCALE: 1"=30'

SHEET
1
 OF 1
 JOB NO.
 01018

SUBDIVISION 7170

KB HOME

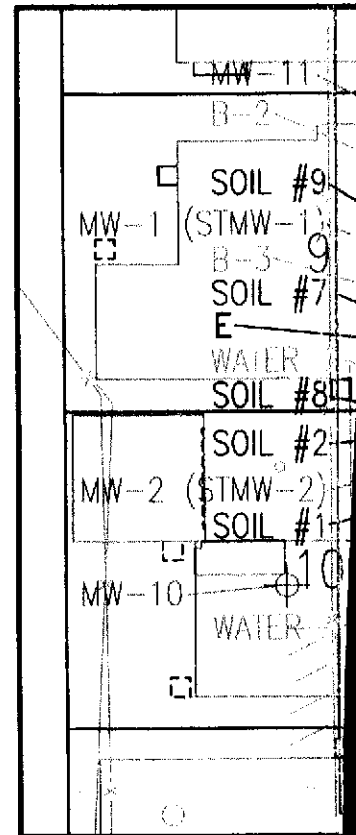
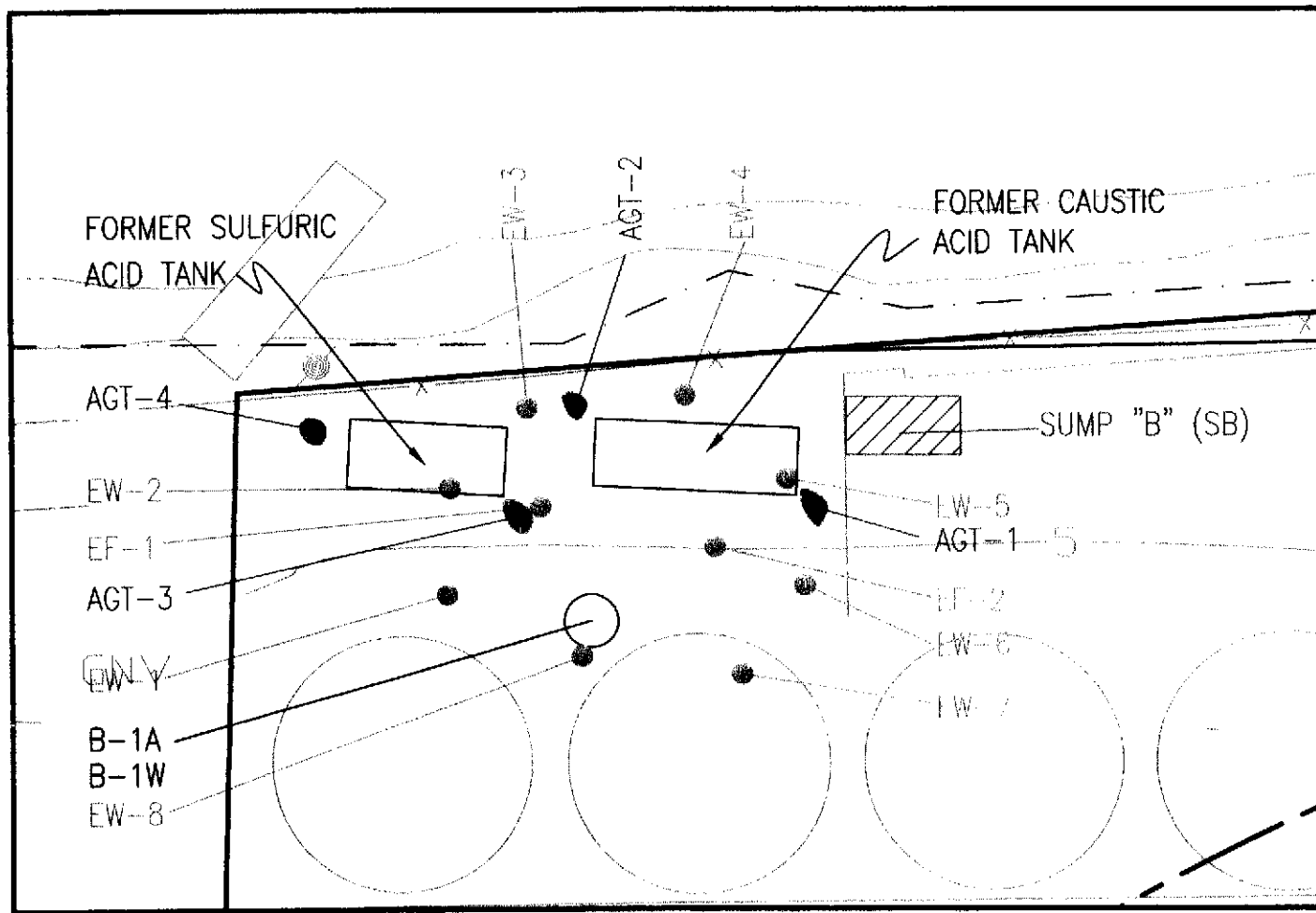
MARINA COVE

SAMPLE LOCATIONS/MONITORING WELLS

CITY OF ALAMEDA

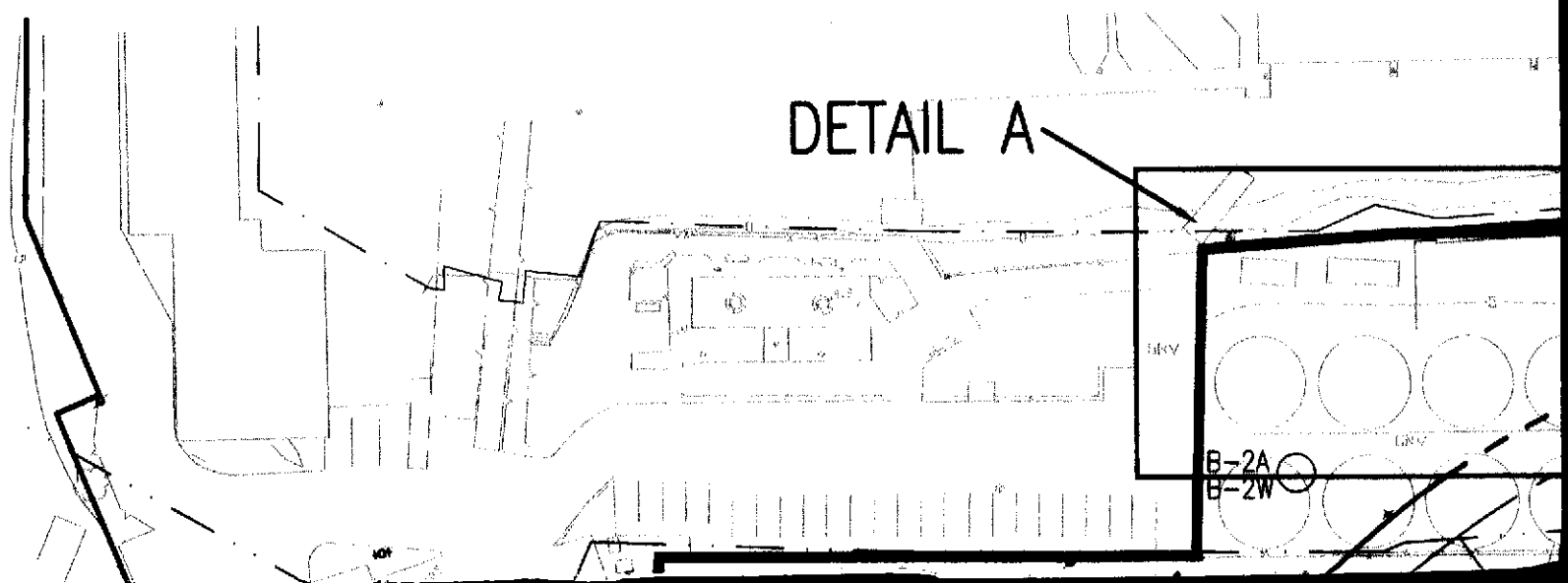
ALAMEDA COUNTY

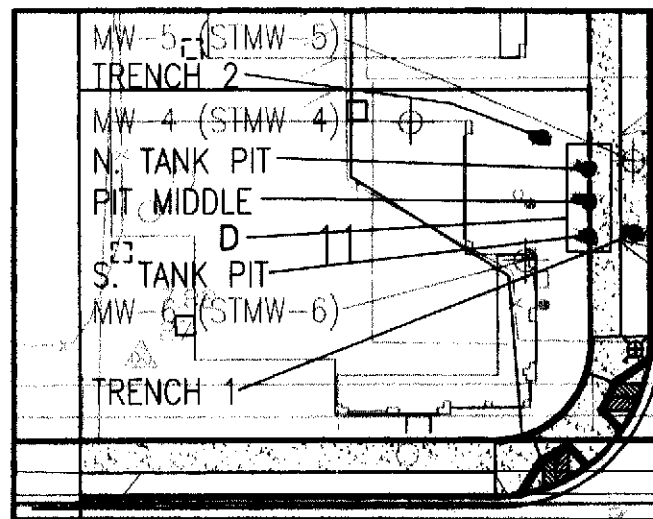
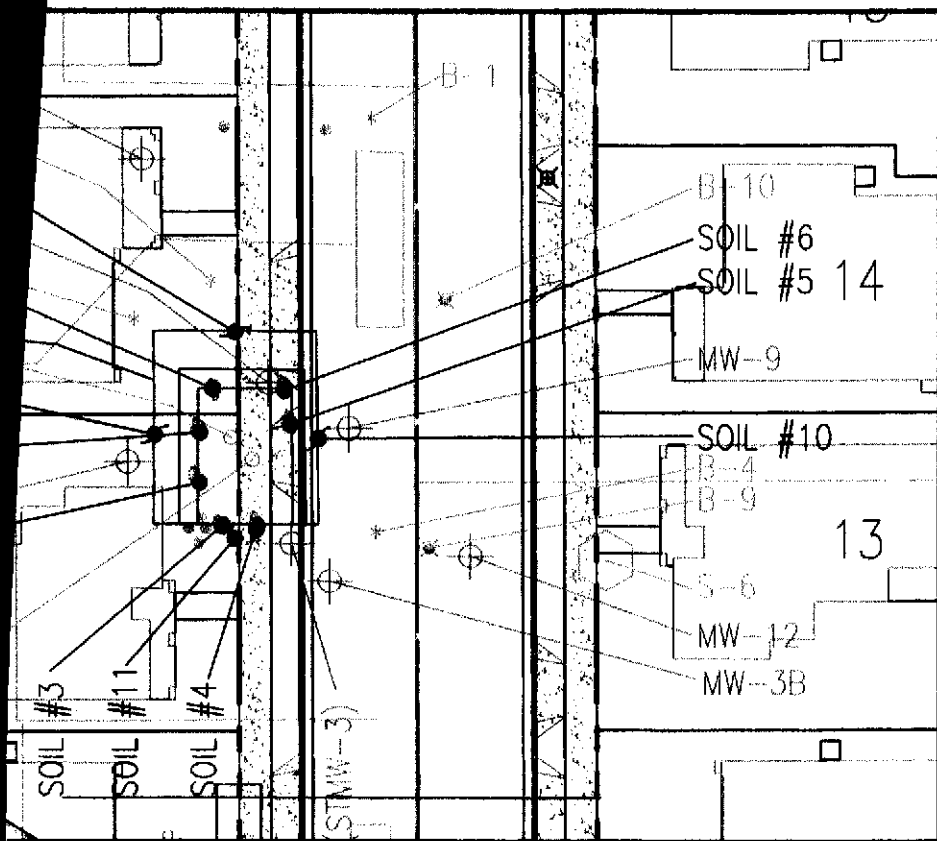
CALIFORNIA



DETAIL A

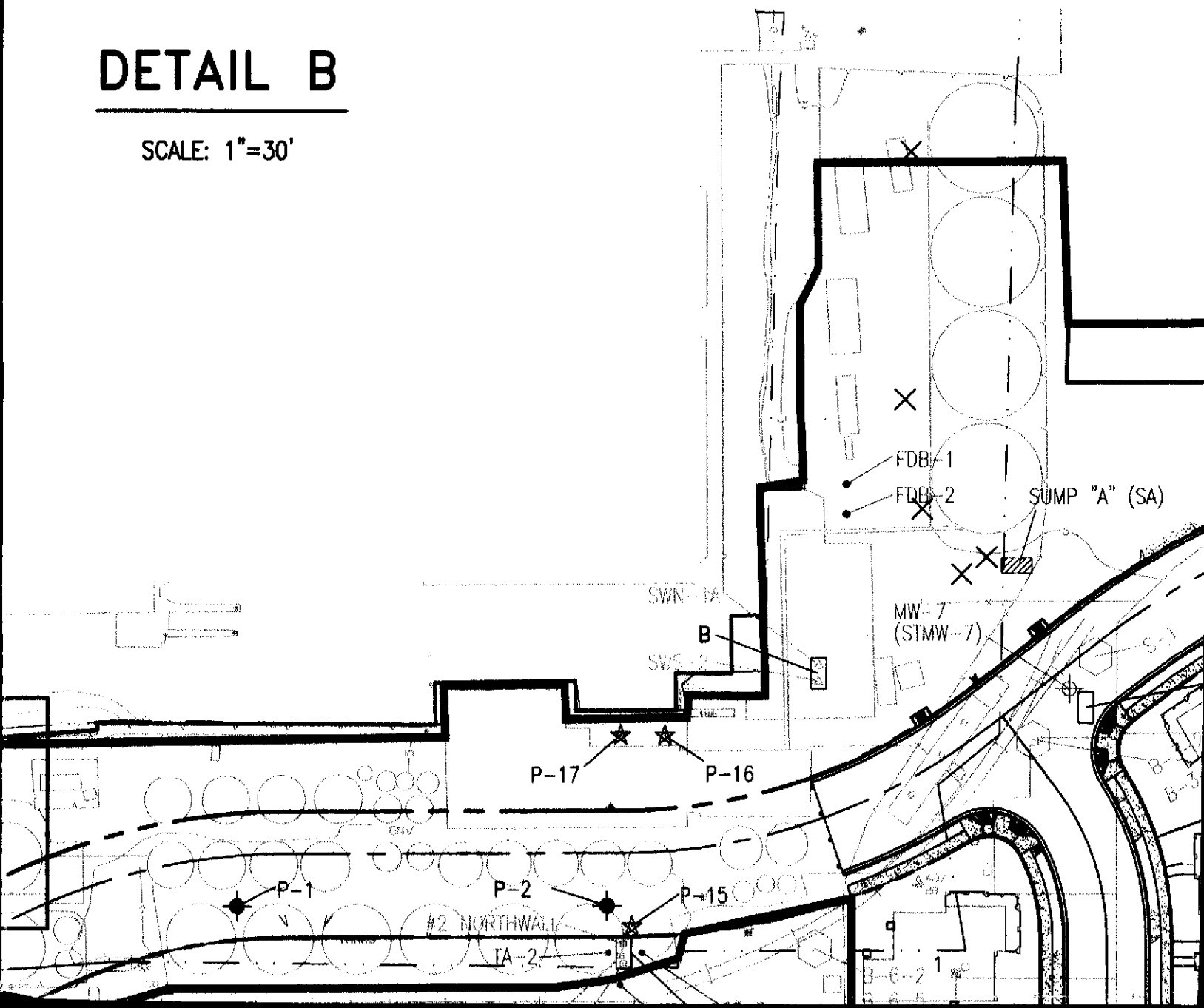
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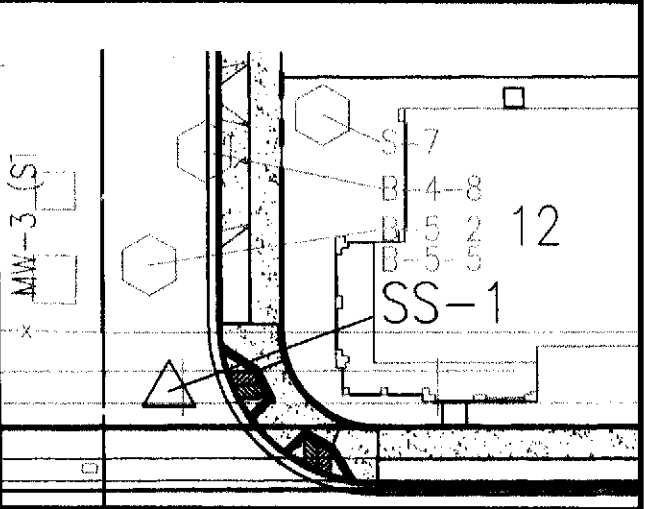
DETAIL B

SCALE: 1"=30'



DET

SCA

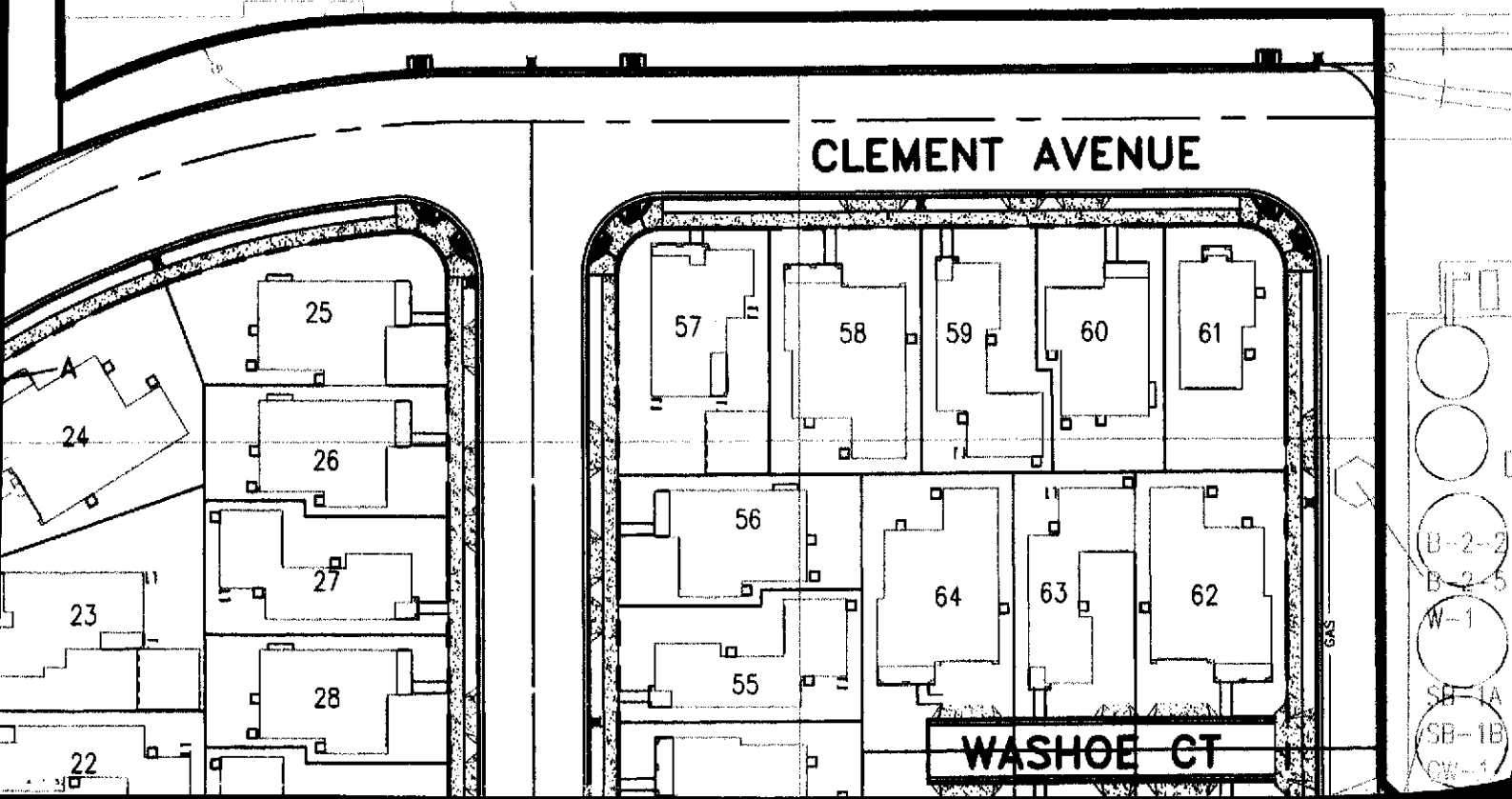


TAIL C

E: 1"=30'

- A FORMER 10,000-GALLON DIESEL UST
- B FORMER 1,500-GALLON DIESEL UST
- C FORMER 2,000-GALLON DIESEL UST
- D FORMER 20,000-GALLON DIESEL UST
- E FORMER GASOLINE UST CLUSTER

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- BLYMER, SUBSURFACE SOIL INVESTIGATION, 07/1993



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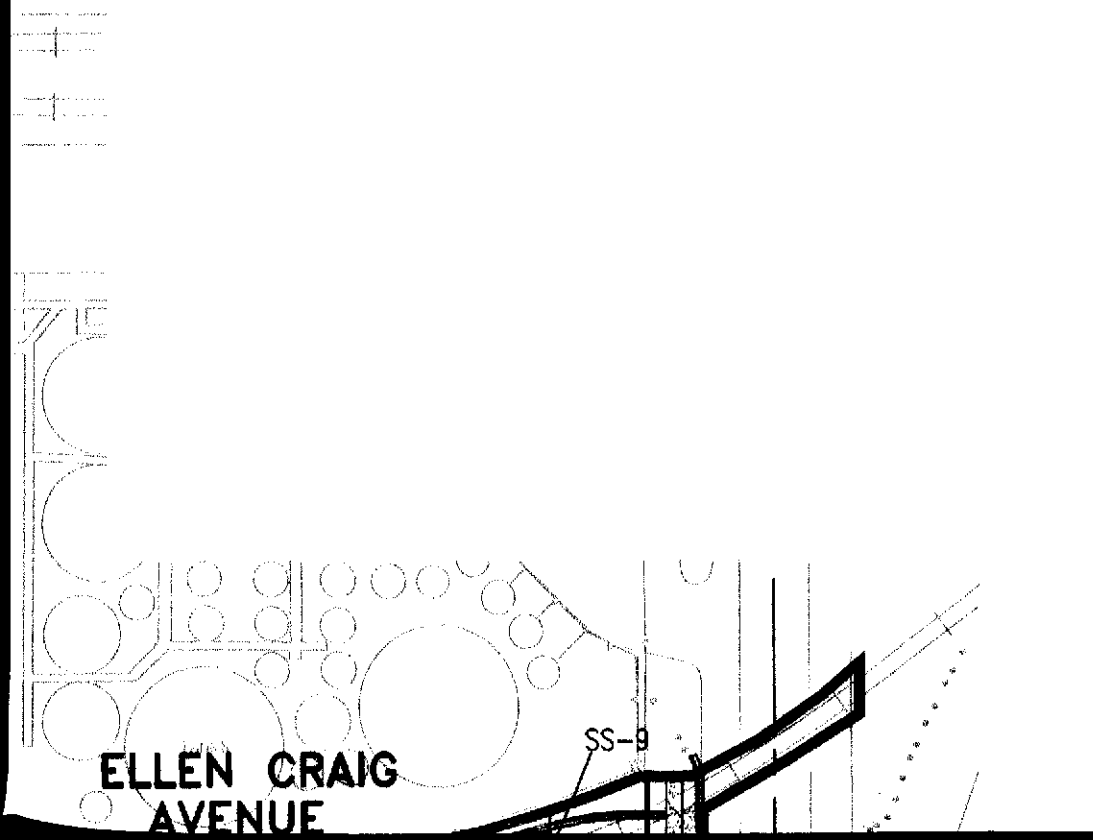
BY	DATE	REVISIONS

BELLECCI & ASSOCIATES, INC.

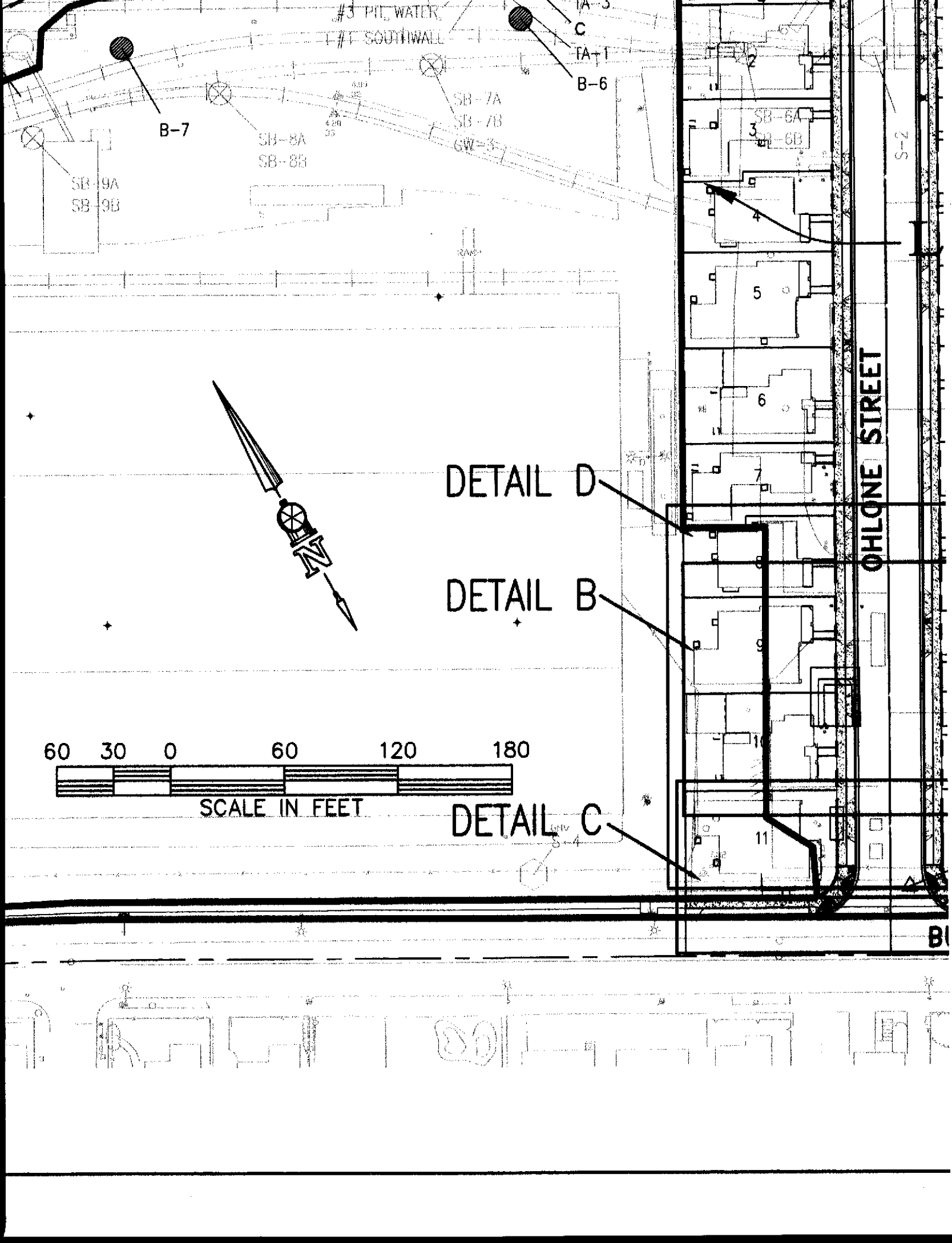
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#3 PILE WATER
T/T SOUTHWALL

A-3
C
FA-1
B-6

B-7

SB-8A
SB-8B

SB-7A
SB-7B
GW-3

SB-9A
SB-9B

OHLENE STREET

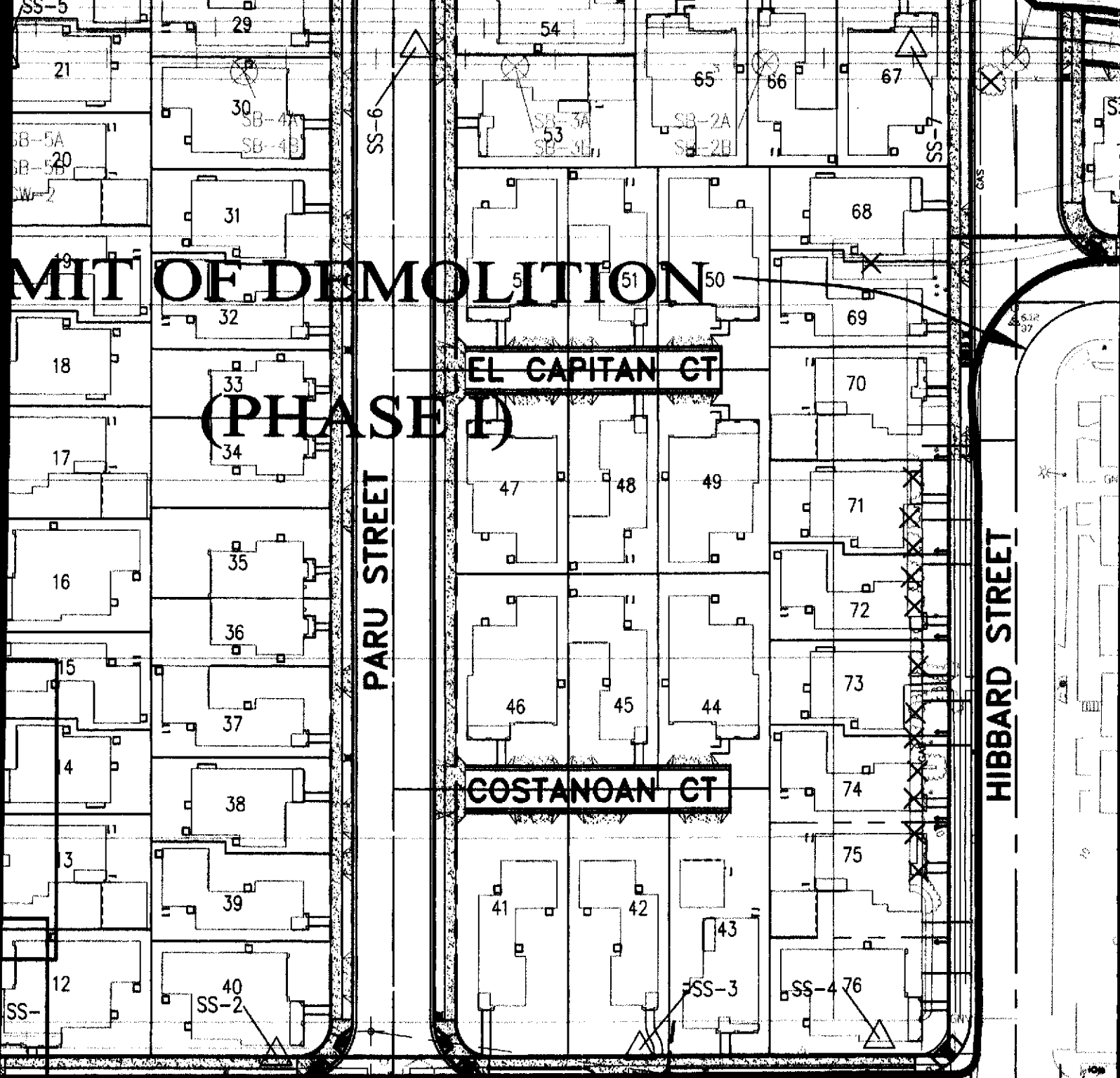
DETAIL D

DETAIL B

DETAIL C

60 30 0 60 120 180
SCALE IN FEET

B1



LIMIT OF DEMOLITION

(PHASE 1)

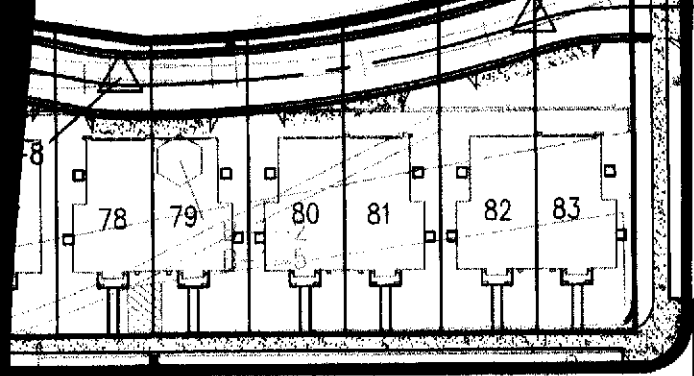
PARU STREET

EL CAPITAN CT

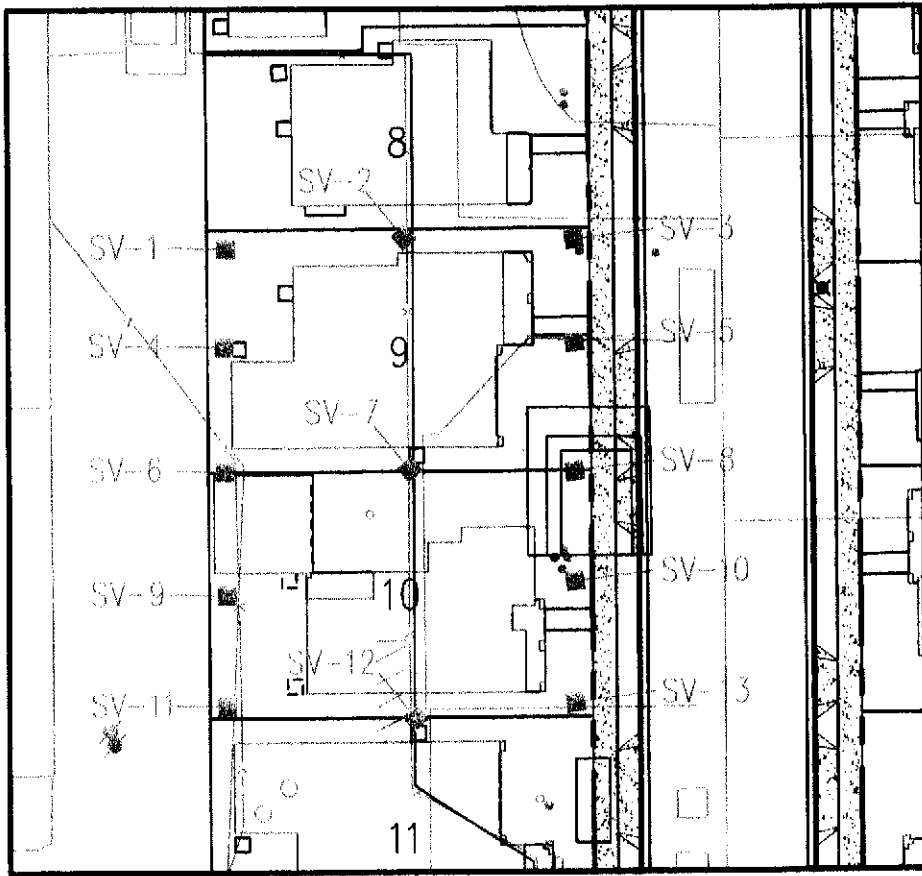
COSTANOAN CT

HIBBARD STREET

VISTA AVENUE



EAGLE AVENUE



DETAIL D

SCALE: 1"=30'

SHEET

1

OF

1

JOB NO.
01018

SUBDIVISION 7170

KB HOME

MARINA COVE

SAMPLE LOCATIONS/MONITORING WELLS

CITY OF ALAMEDA

ALAMEDA COUNTY

CALIFORNIA

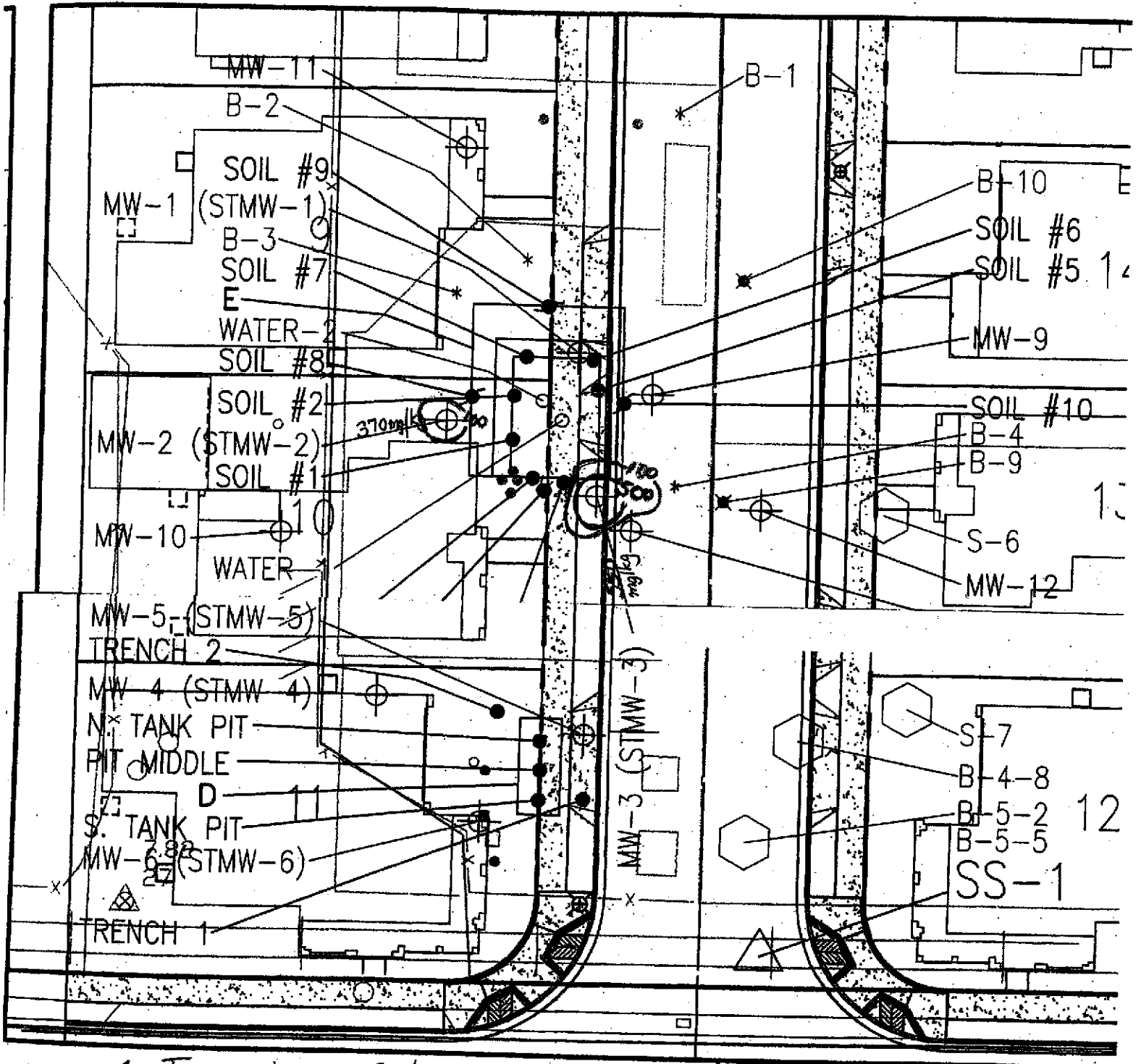


FIGURE 1a-TPH-gasoline in Soil (Marina Cove Subdivision)

Notes:

1. Only concentrations > 100mg/kg are shown
2. Contours drawn for concentrations of 100mg/kg, 500mg/kg, and 1,000mg/kg.

DETAIL C

SCALE: 1"=30'

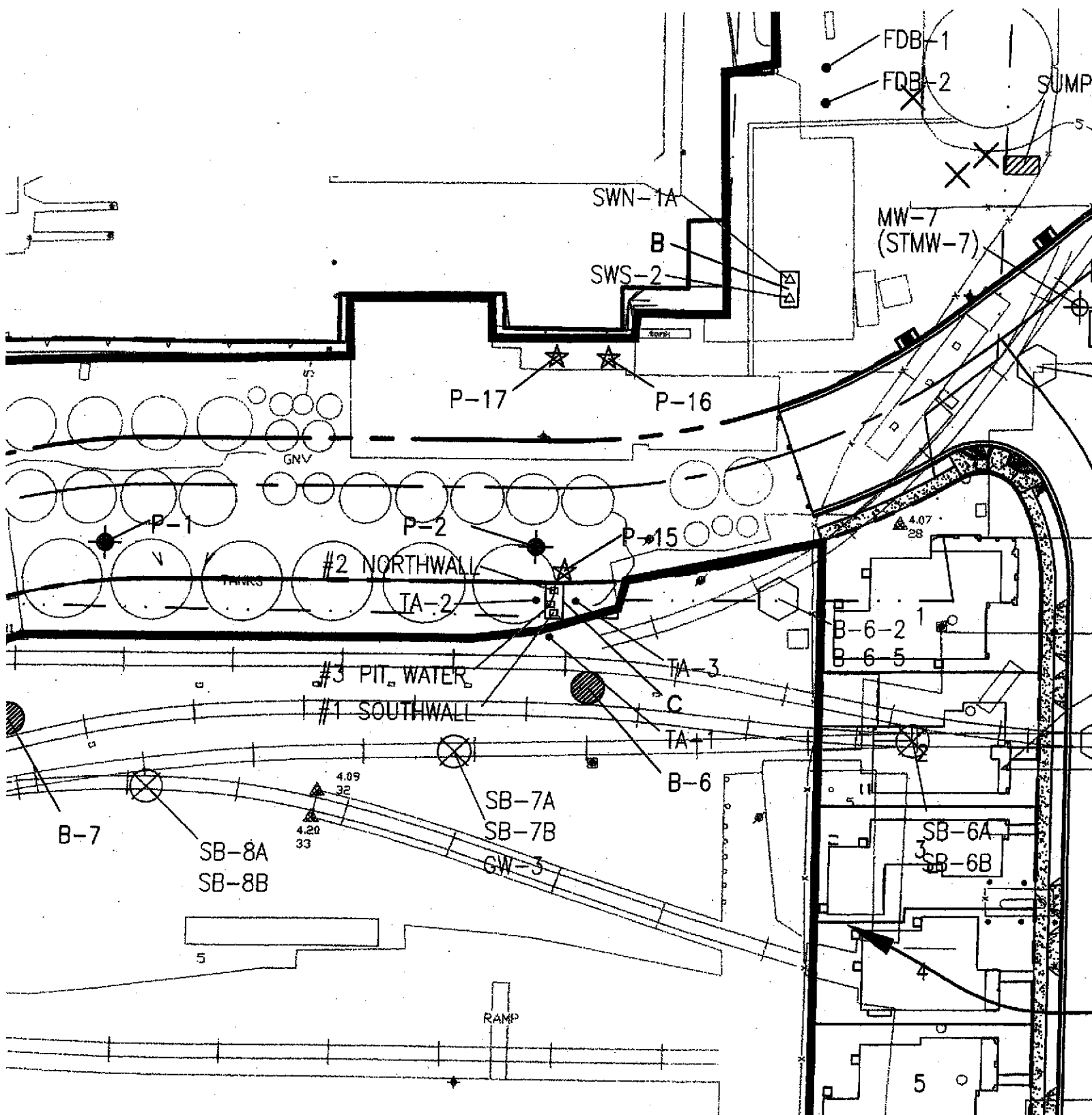


FIGURE 1b - TPH-gasoline in Soil (Park Parcel)

- Notes:
1. Only concentrations > 100mg/kg are shown
 2. Contours drawn for concentrations of 100mg/kg, 500mg/kg, and 1000mg/kg

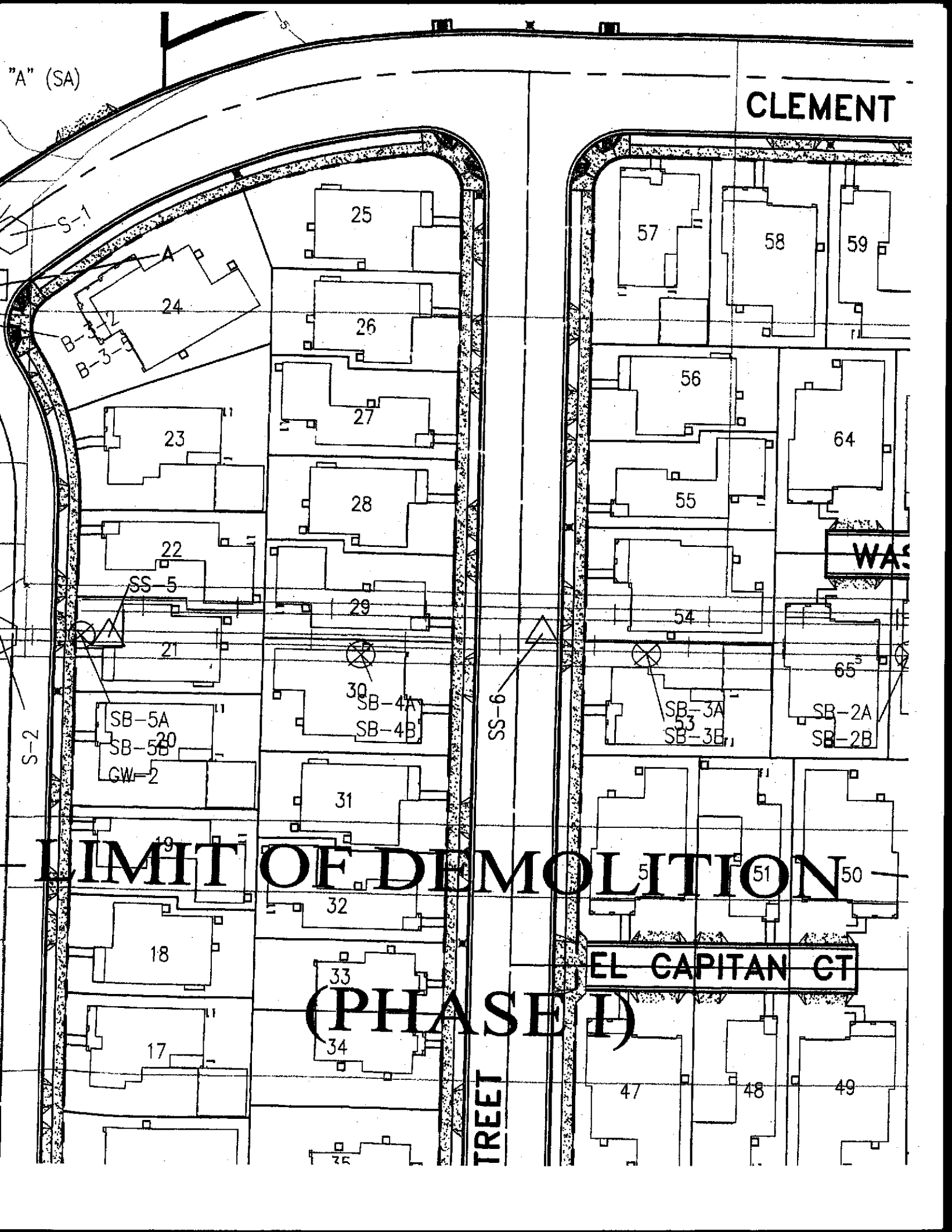
ALLIIDS or
≤100 mg/kg

DETAIL D

E STREET

"A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

TREET

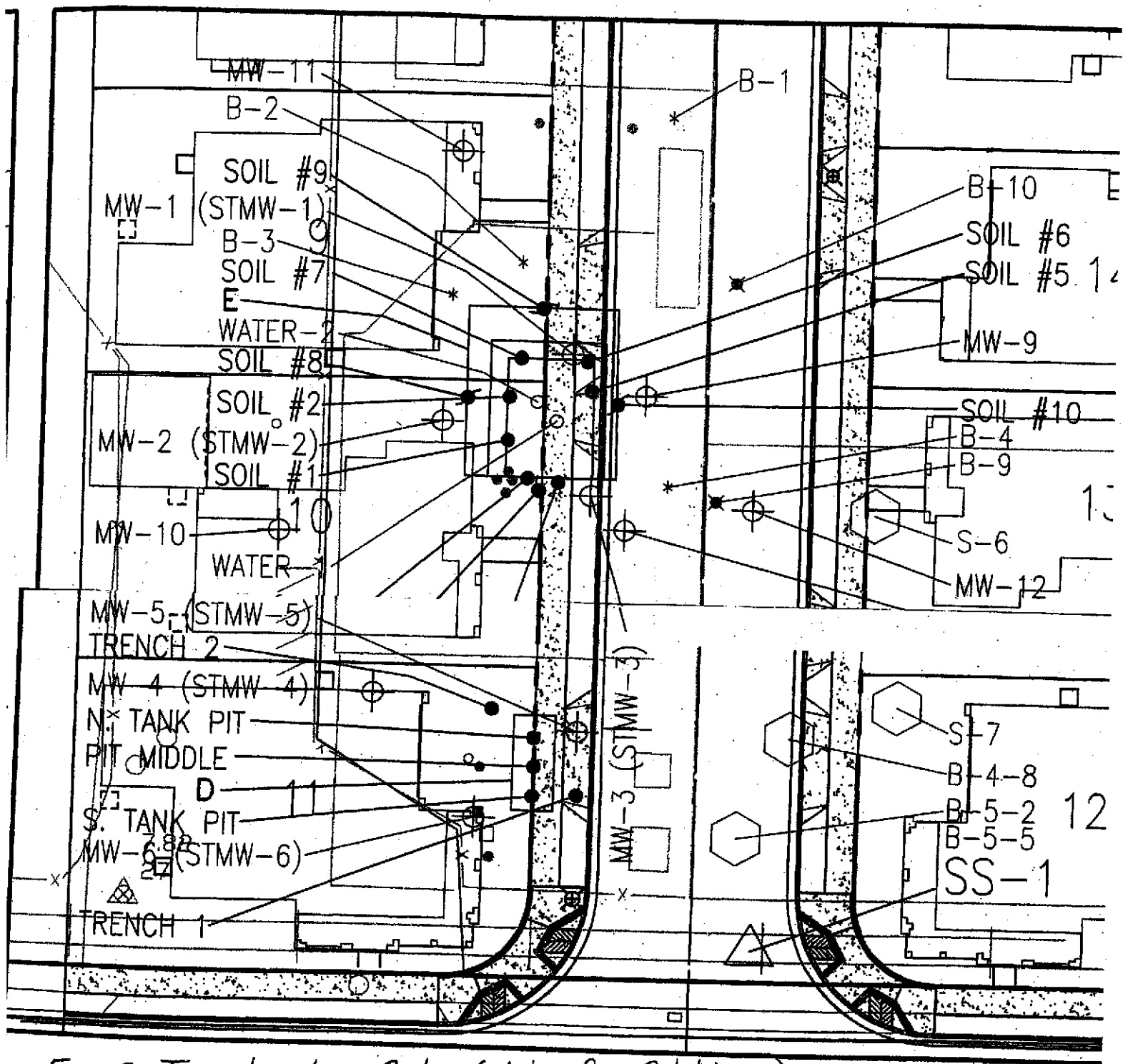


FIGURE 2a-TPH-motor oil in Soil (Marina Cove Subdivision)

Notes:

1. Only concentrations > 100 mg/kg are shown
2. Contours drawn for concentrations of 100 mg/kg, 500 mg/kg, and 1,000 mg/kg

DETAIL C

SCALE: 1"=30'

* All NDs or ≤ 100 mg/kg

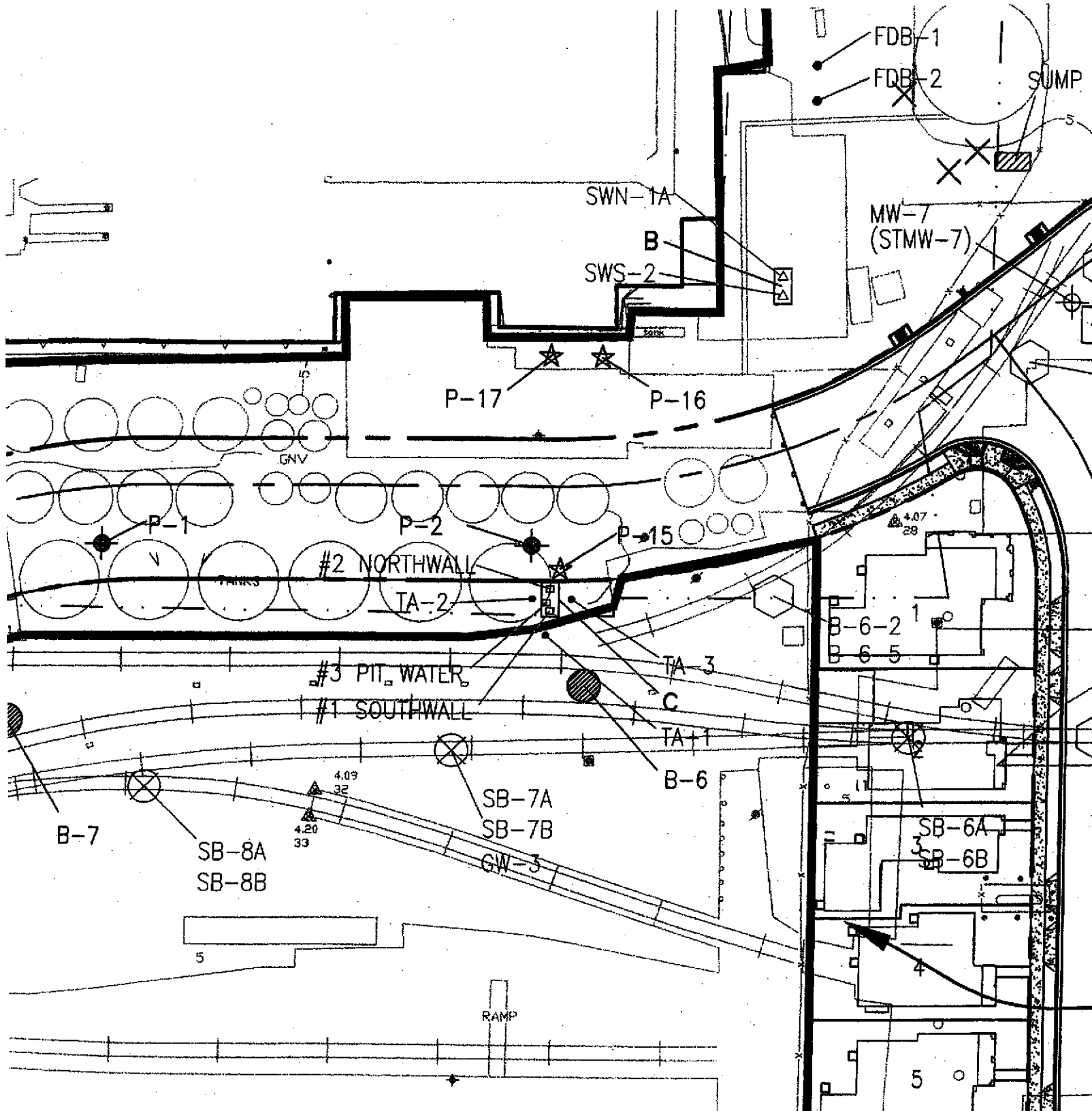


FIGURE 2b - TPH-motor oil in Soil (Park Parcel)

Notes:

1. Only concentrations > 100mg/kg are shown.
2. Contours drawn for concentrations of 100mg/kg, 500mg/kg, and 1000mg/kg.

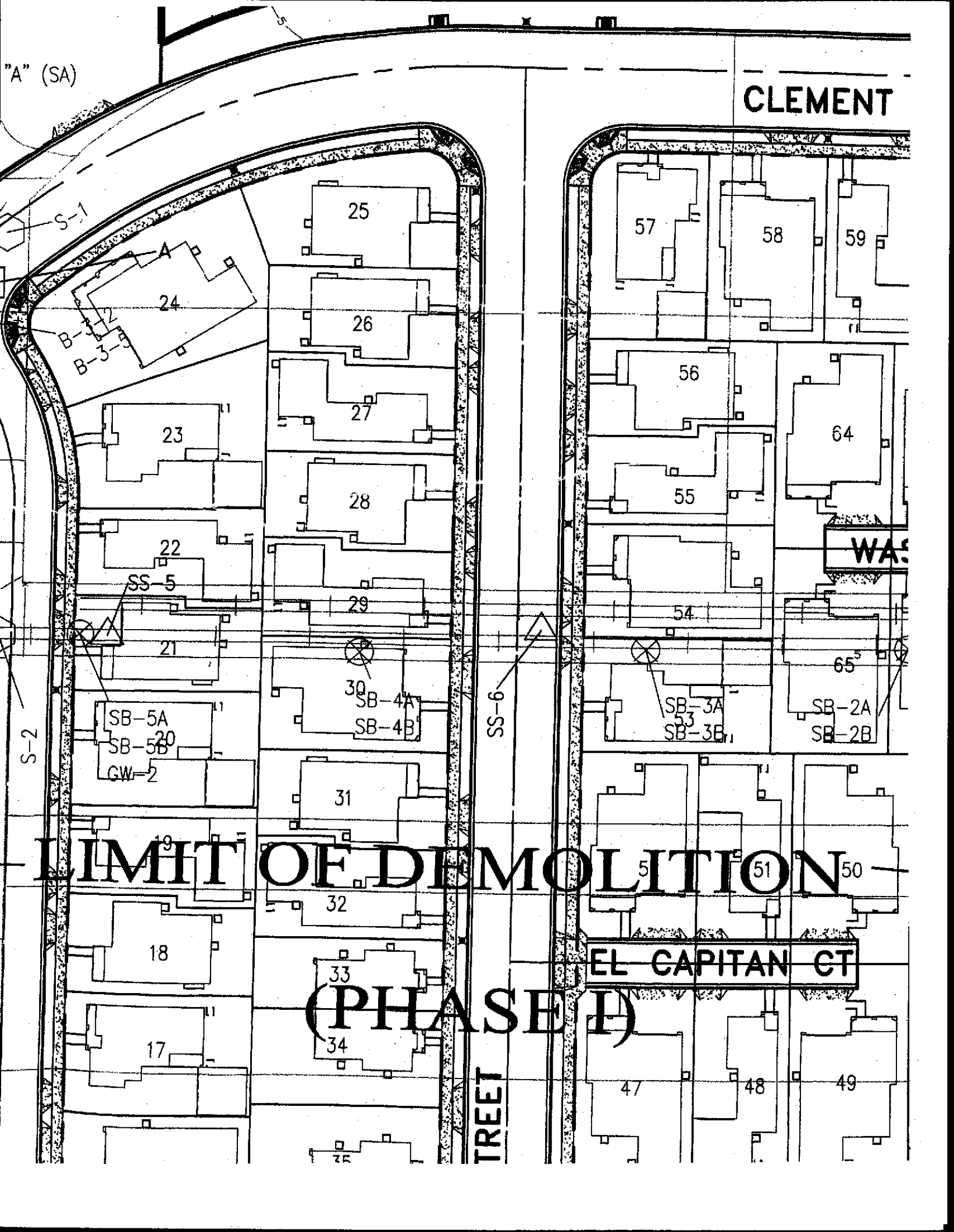
All NDs or $\leq 100\text{mg/kg}$

DETAIL D-

E STREET

"A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

TREE

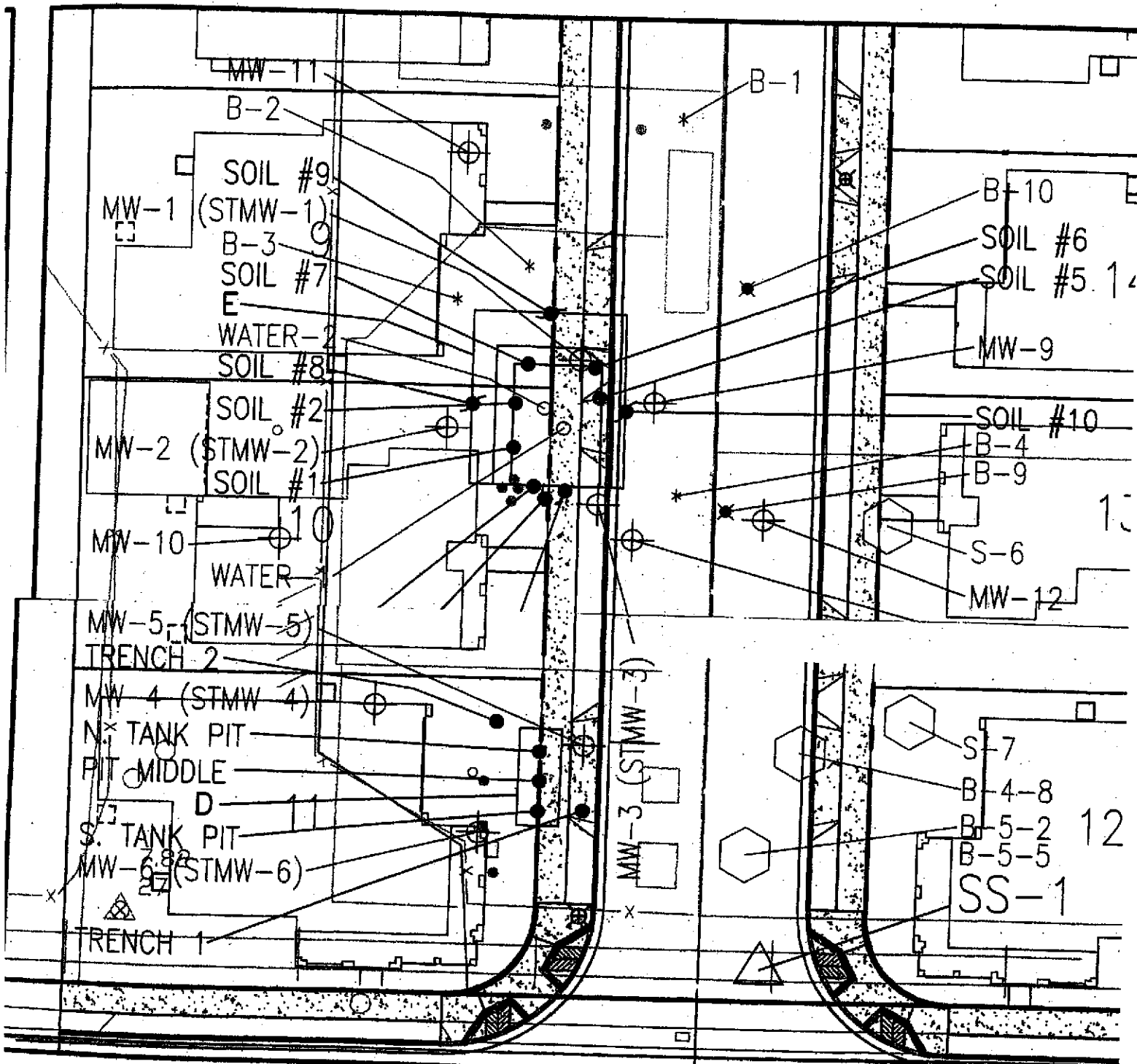


FIGURE 3a-TPH-diesel in Soil (Marina Cove Subdivision)

Notes:

1. Only concentrations > 100mg/kg are shown
2. Contours drawn for concentrations SCALE: 1"=30' of 100mg/kg, 500mg/kg, and 1,000mg/kg.

DETAIL C

* All NDs or $\leq 100\text{mg/kg}$

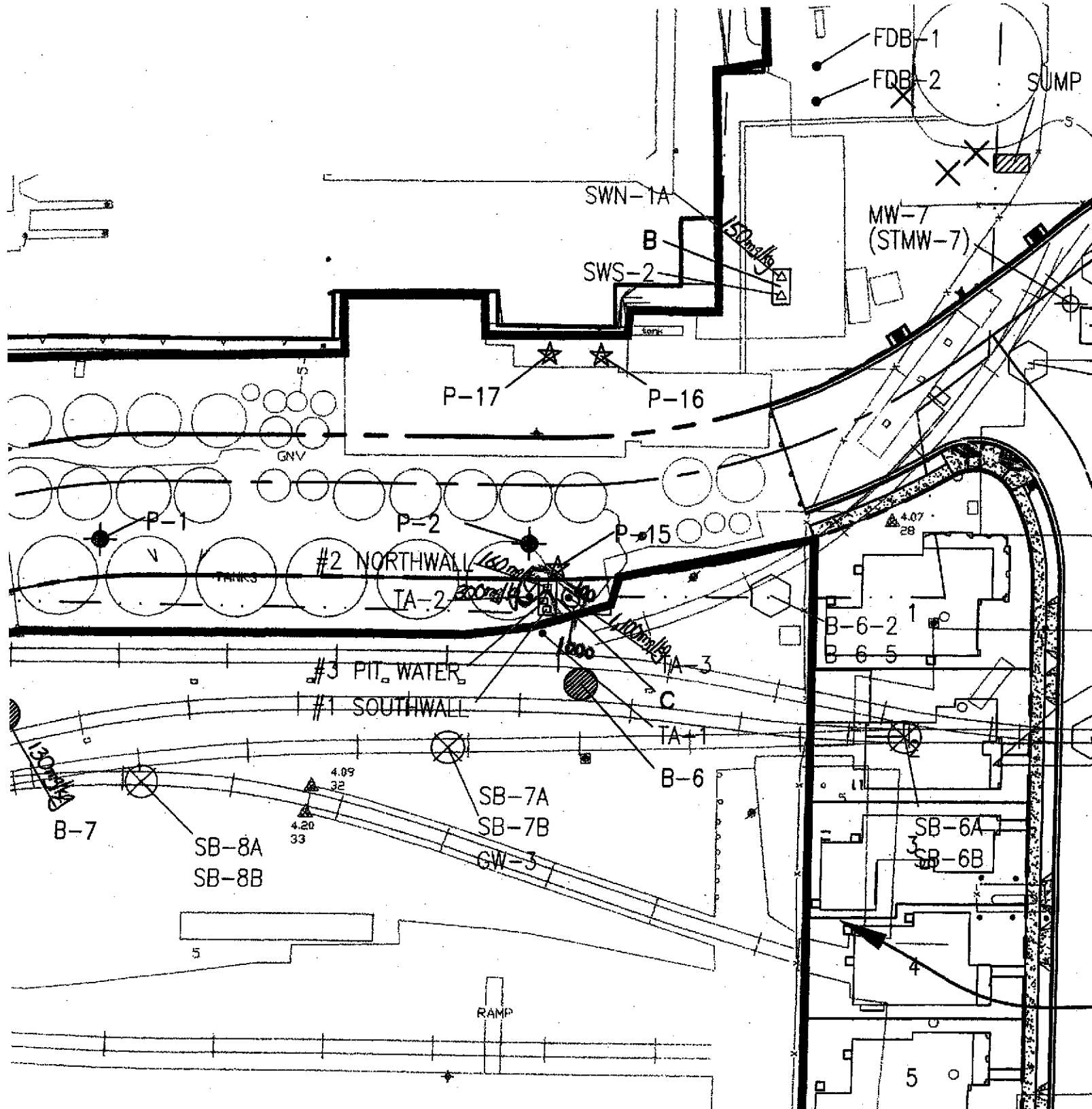


FIGURE 3b - TPH-diesel in Soil (Park Parcel)

Notes:

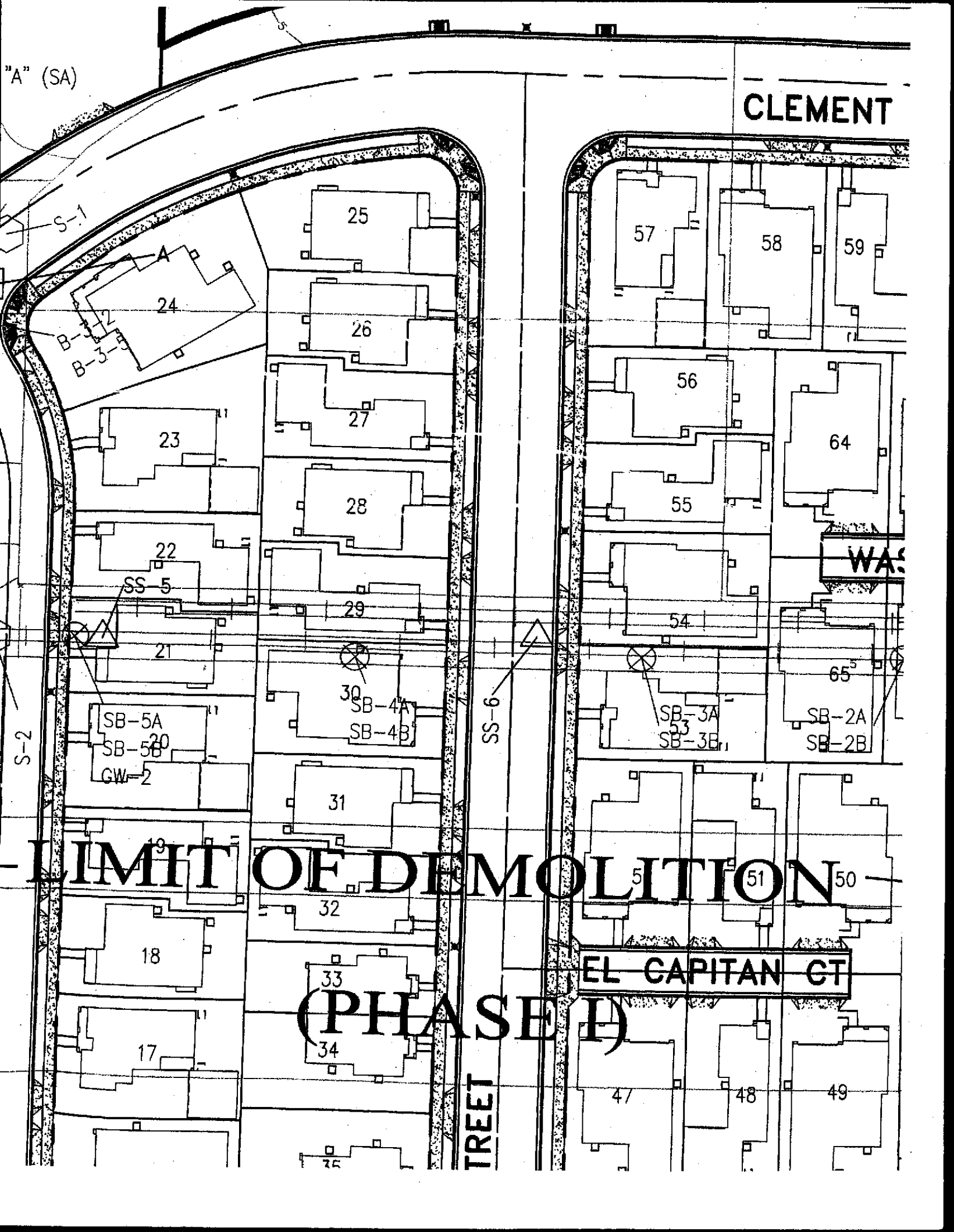
1. Only concentrations > 100 mg/kg are shown.
2. Contours drawn for concentrations of 100 mg/kg, 500 mg/kg, and 1000 mg/kg.

DETAIL D-

E STREET

"A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

TREET

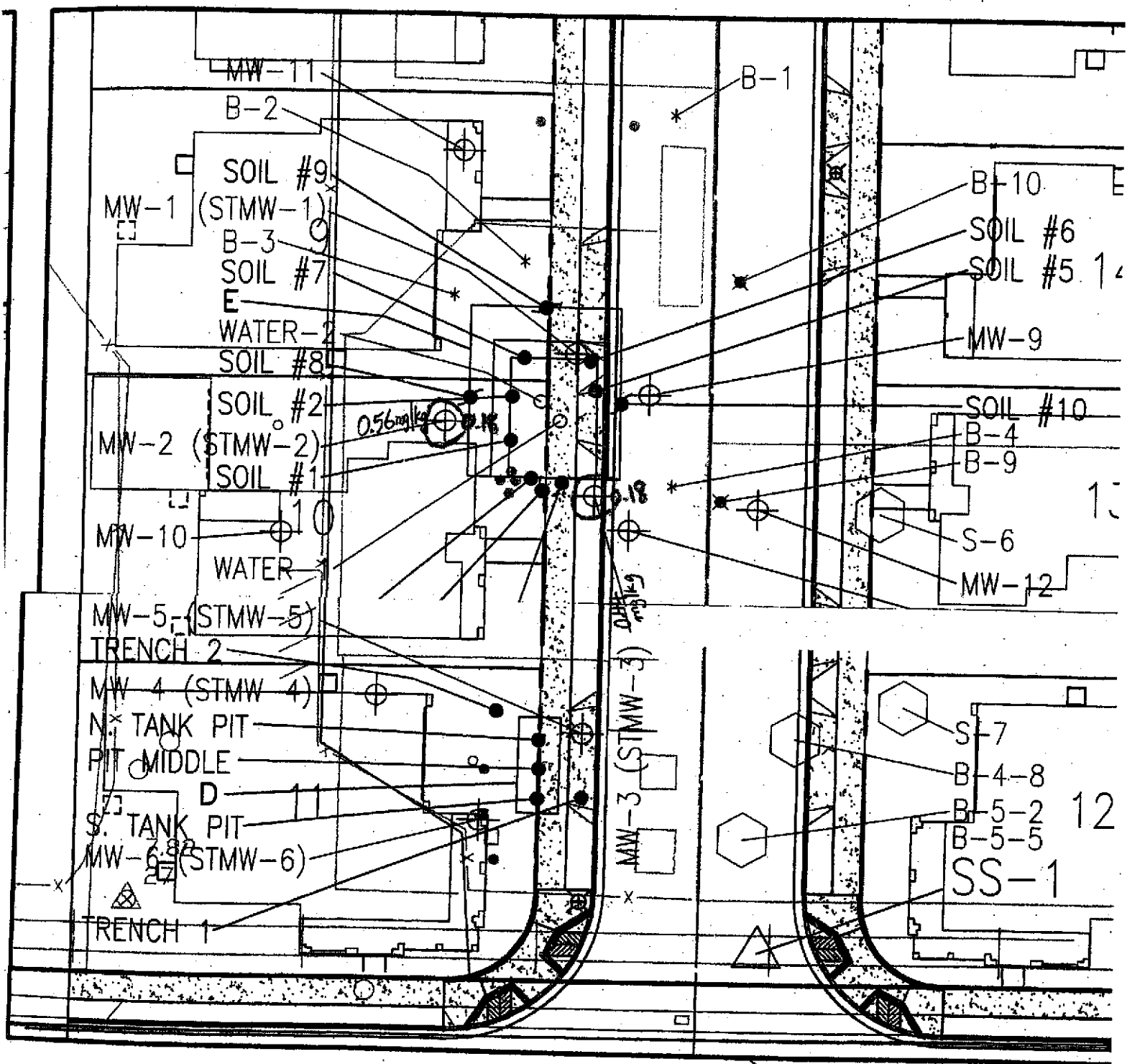


FIGURE 4a-Benzene in Soil (Maina Cove Subdivision)

Notes:

1. Only concentrations $> 0.18 \text{ mg/kg}$ are shown.
2. Contours drawn for concentrations of 0.18 mg/kg .

DETAIL C

SCALE: 1"=30'

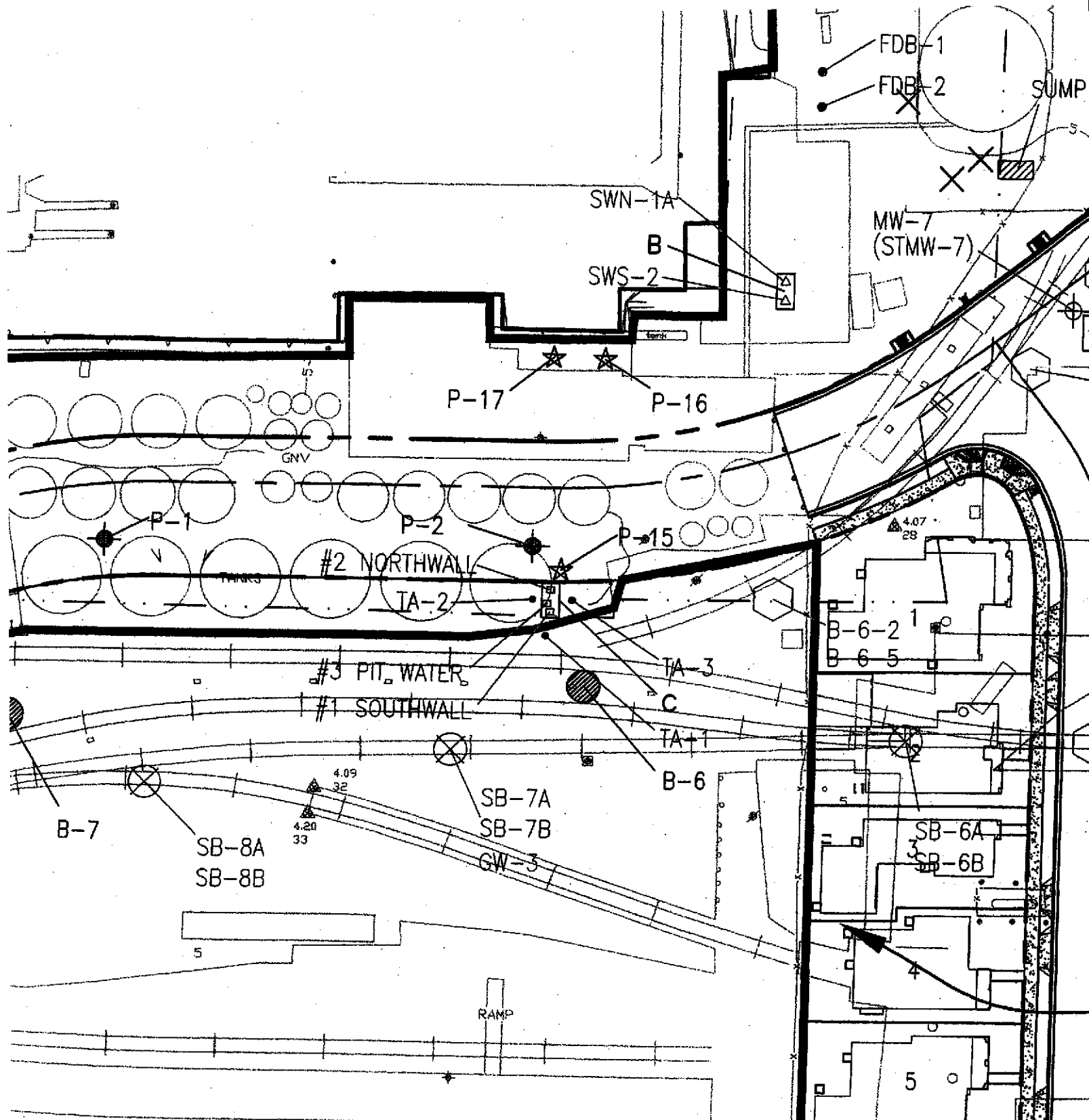


FIGURE 4b Benzene in Soil (Park Parcel)

ALLNDS or
 $\leq 0.18 \text{ mg/kg}$

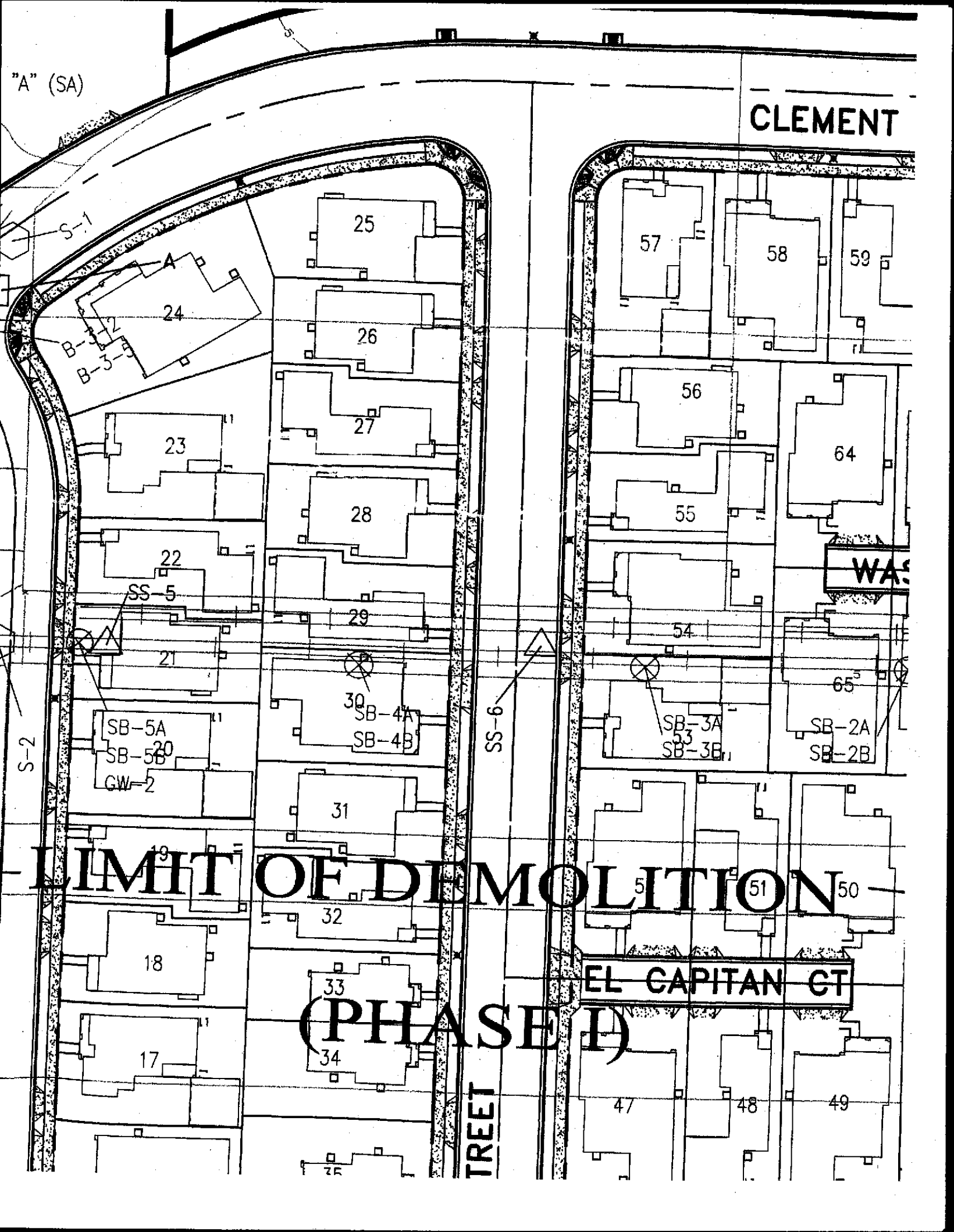
- Notes:
1. Only concentrations $> 0.18 \text{ mg/kg}$ are shown.
 2. Contour drawn for concentration of 0.18 mg/kg

DETAIL D

E STREET

"A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

TREE

WAS

S-2

SS-6

SS-5

SB-4A
SB-4B

SB-3A
SB-3B

SB-2A
SB-2B

SB-5A
SB-5B
GW-2

"A" (SA)

CLEMENT

LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

TREE

WAS

S-2

SS-6

SS-5

SB-4A
SB-4B

SB-3A
SB-3B

SB-2A
SB-2B

SB-5A
SB-5B
GW-2

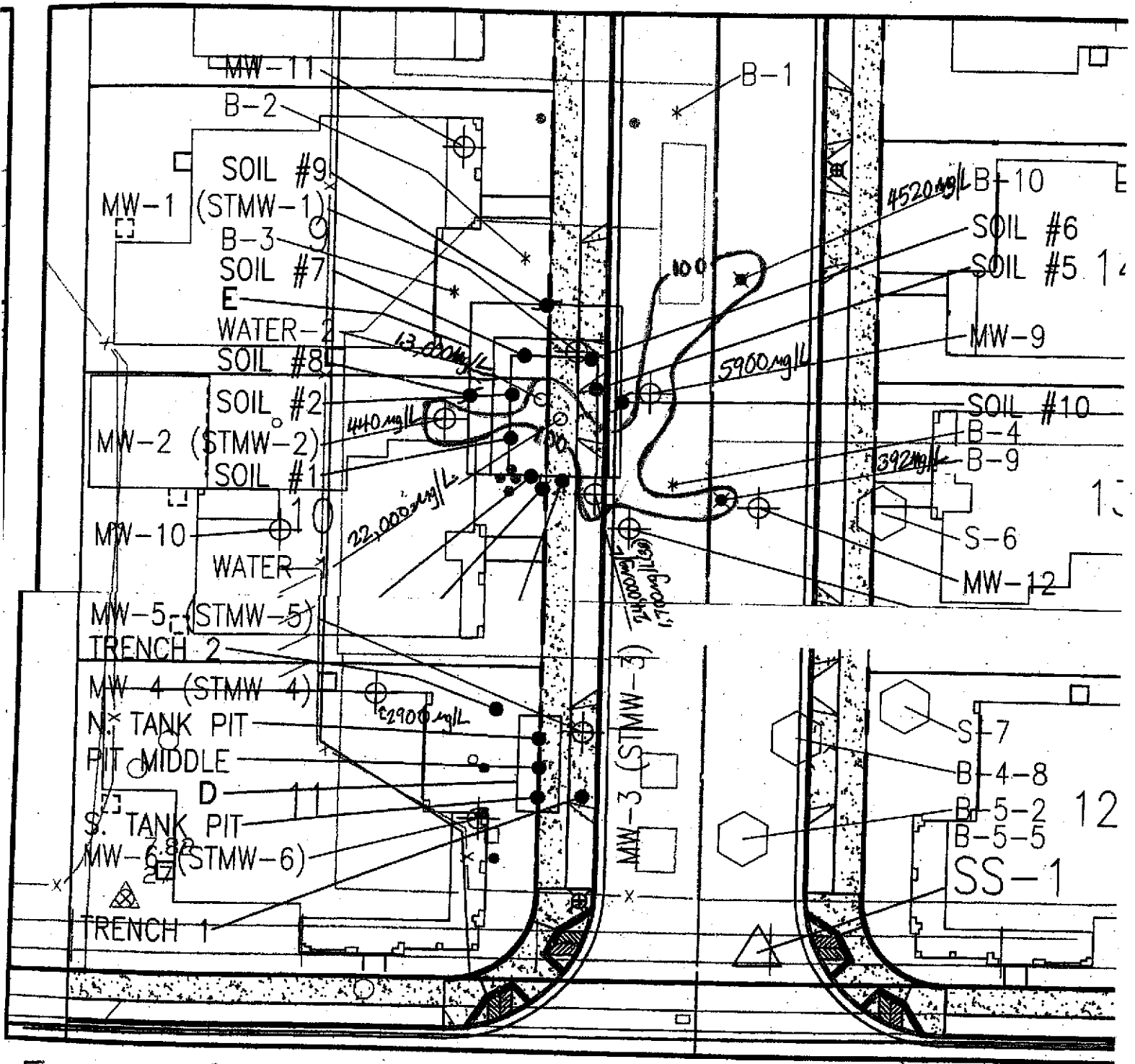


FIGURE 5a - TPH-gasoline in Groundwater (Maina Cove Subdivision)

Notes:

1. Only concentrations > 100 mg/L are shown
2. Contour drawn for concentration of 100 mg/L

DETAIL C

SCALE: 1"=30'

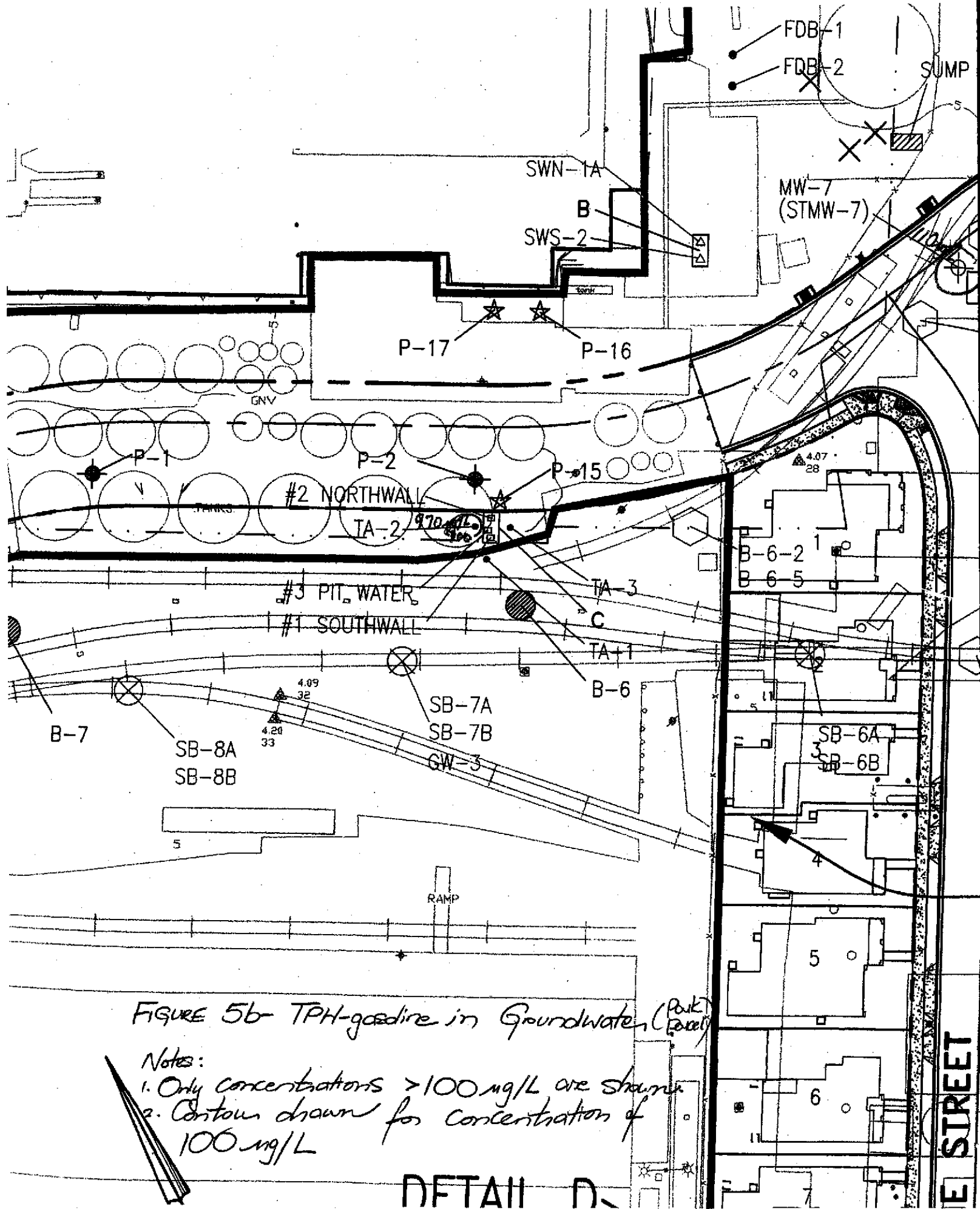


FIGURE 5b TPH-gasoline in Groundwater (Peak Level)

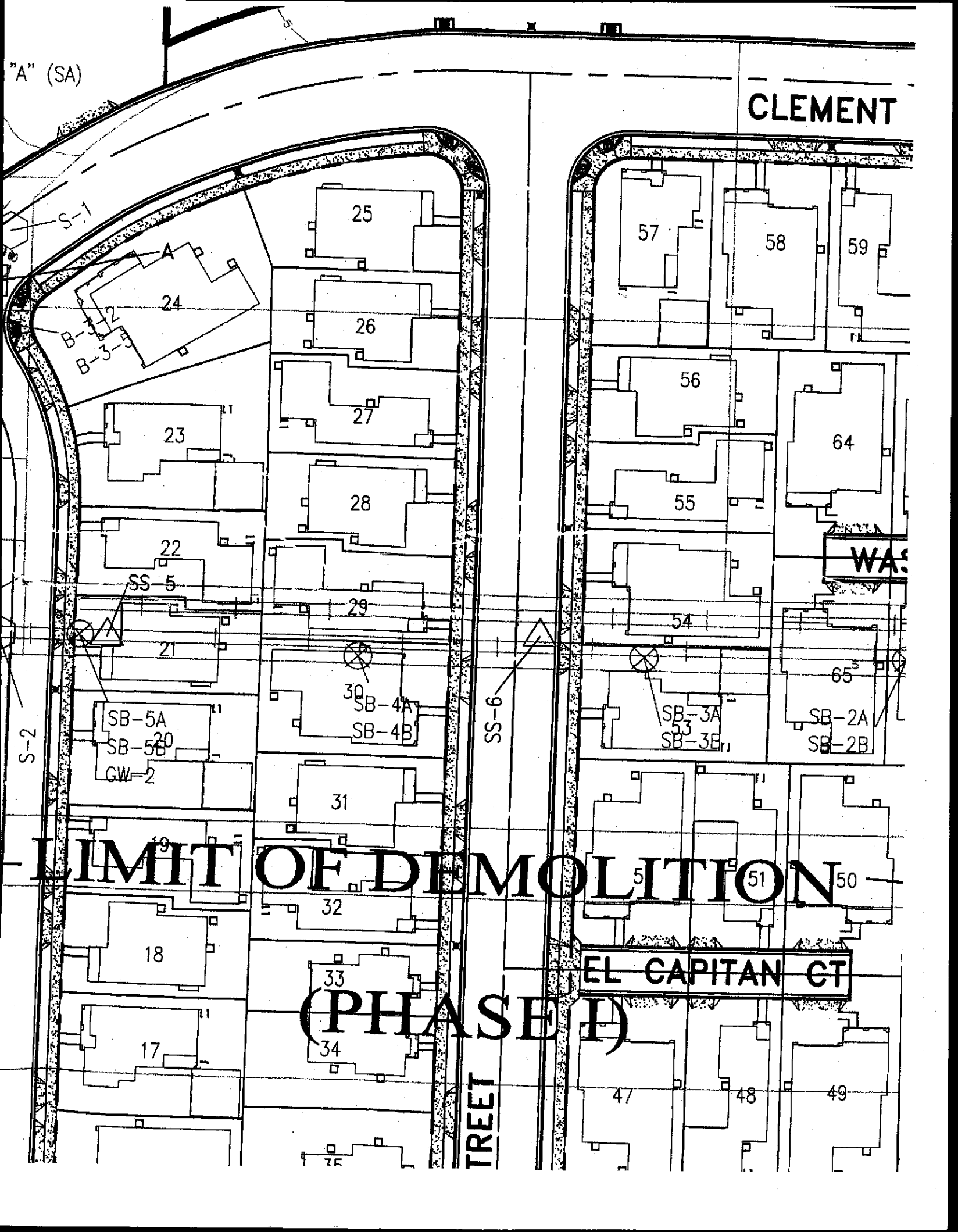
Notes:

1. Only concentrations > 100 mg/L are shown
2. Contours drawn for concentration of 100 mg/L

DETAIL D.

"A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

TREET

WAS

S-2

S-1

SB-5A
SB-5B
GW-2

30
SB-4A
SB-4B

SB-3A
SB-3B
SB-3E

SB-2A
SB-2B

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65^s

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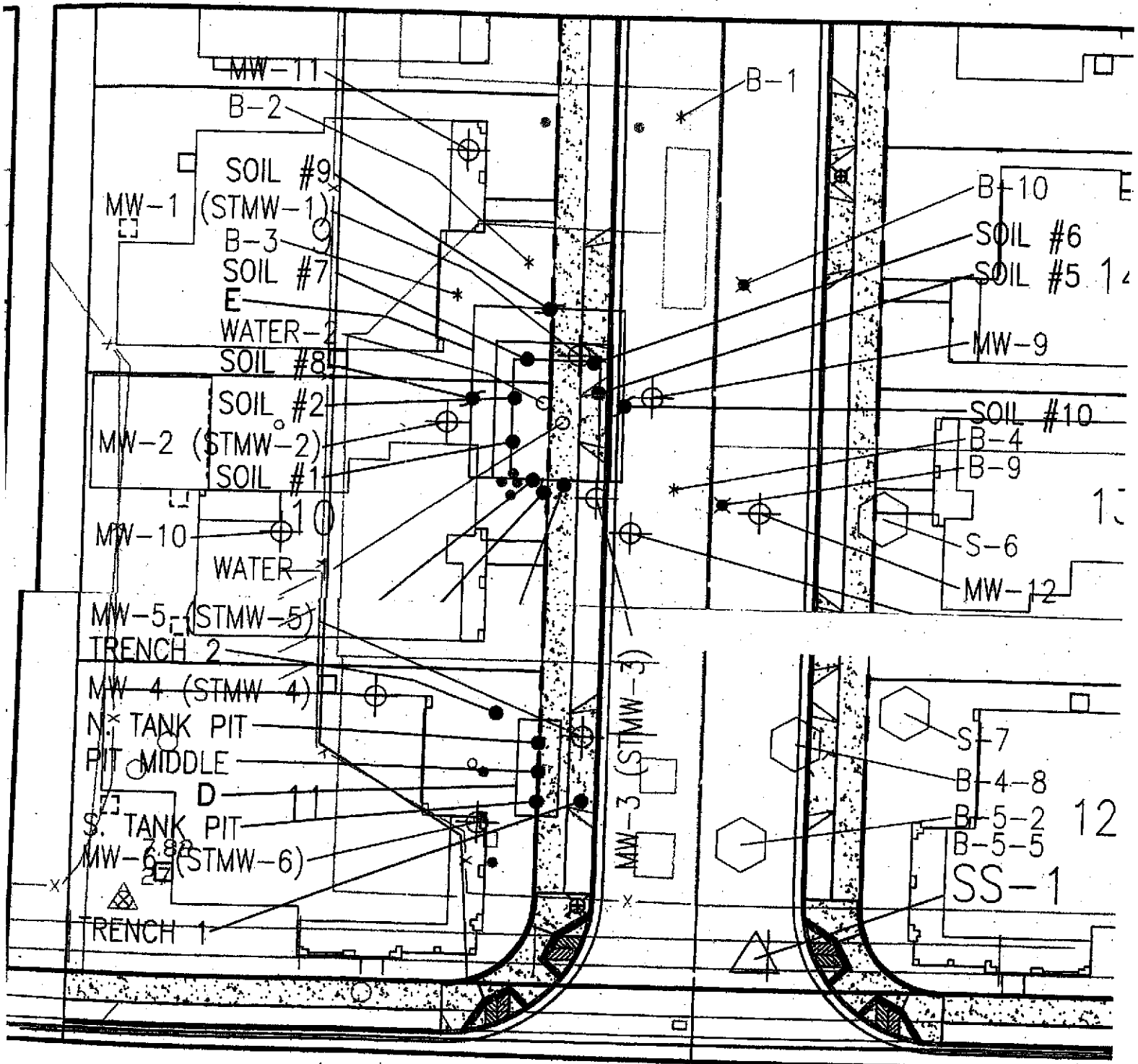


FIGURE 6a - TPH-motor oil in Groundwater (Mairra Cove Subdivision)

- Notes:
1. Only concentrations > 100ug/L are shown.
 2. Contour drawn for concentration of 100-ug/L.

DETAIL C

* All NDs or $\leq 100\text{ug/L}$

SCALE: 1"=30'

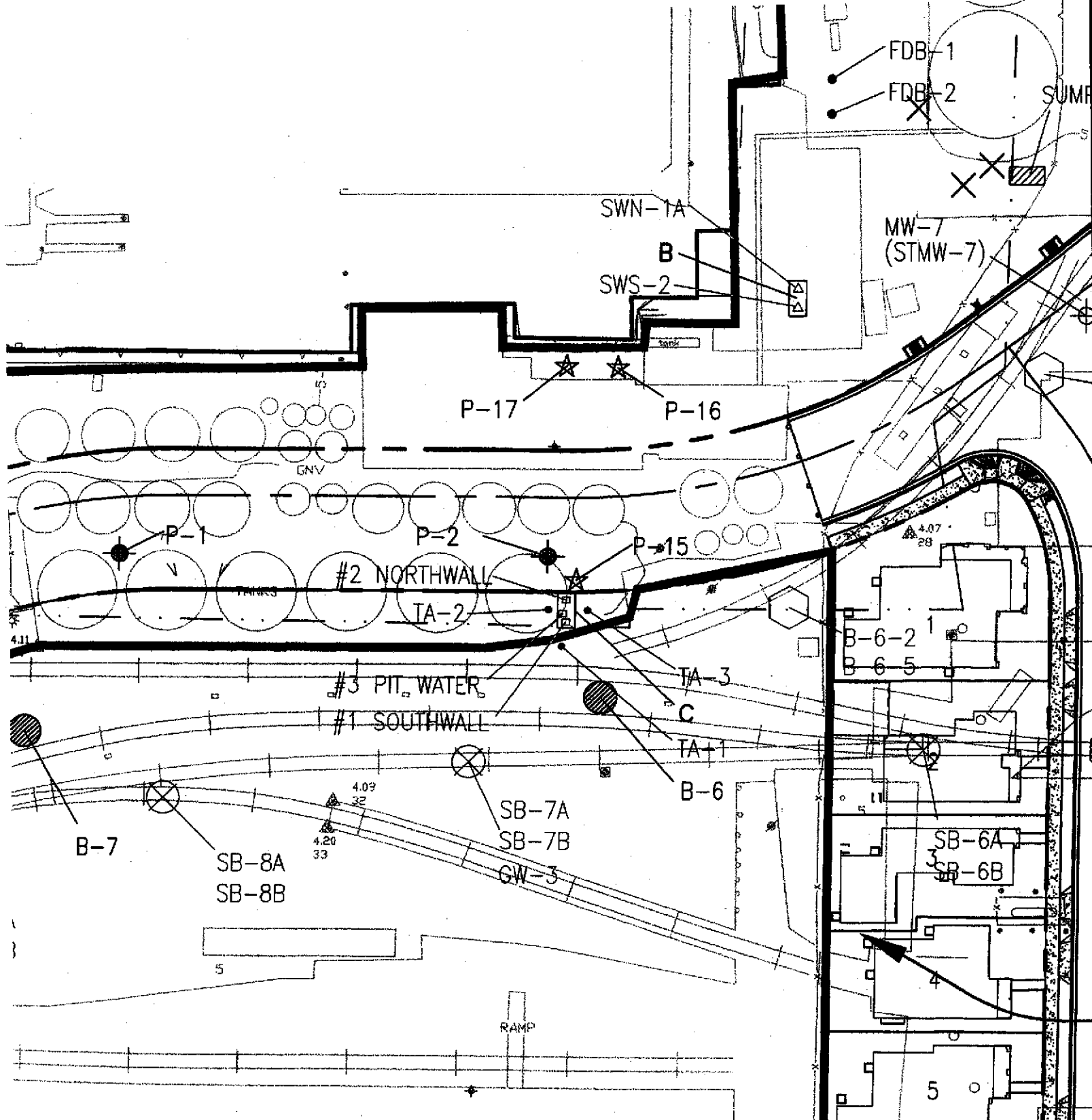


Figure 6b - TPH-motor oil in Groundwater (Park Parcel)

MINDs or $\leq 100 \text{ mg/L}$

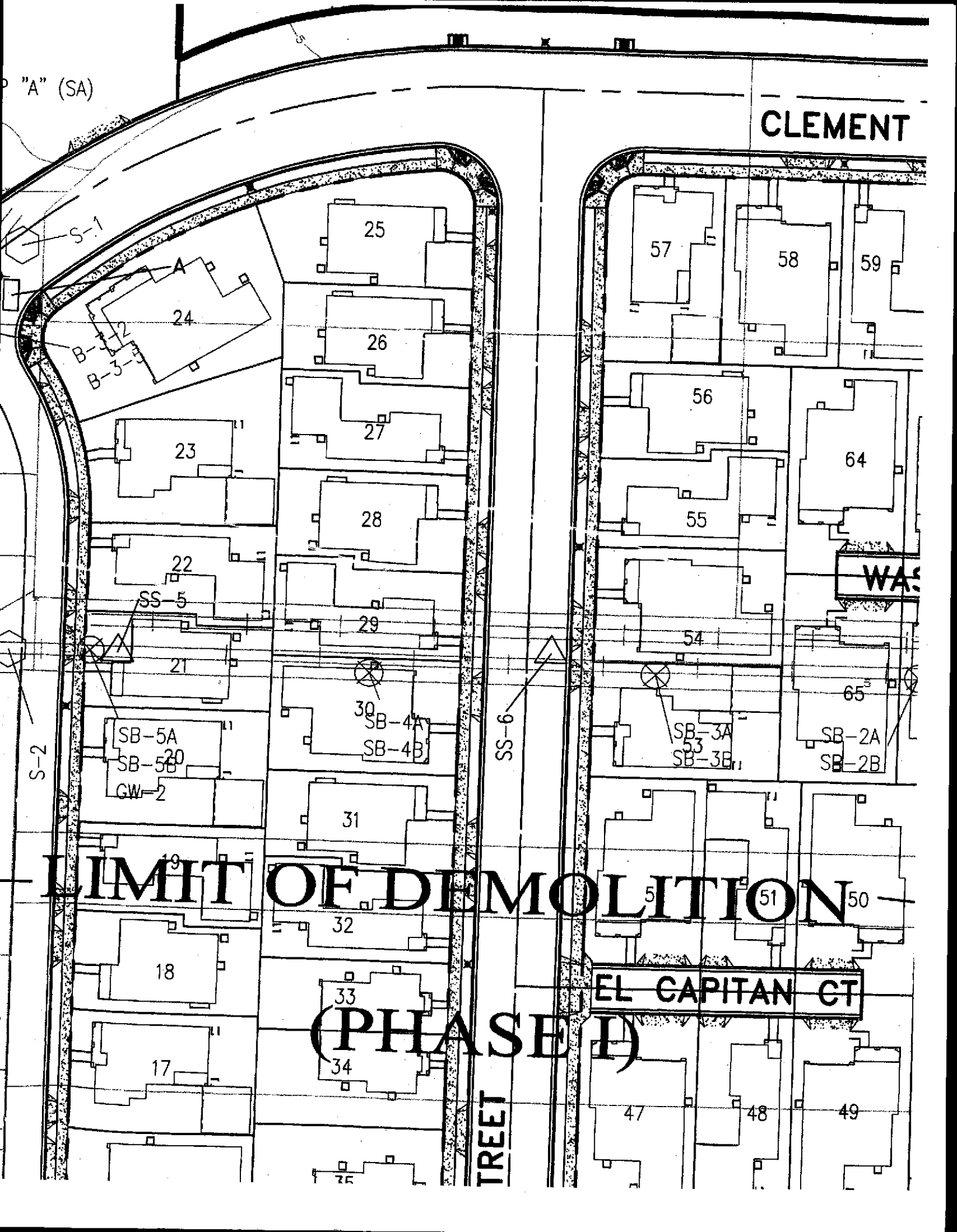
Notes:

1. Only concentrations $> 100 \text{ mg/L}$ are shown.
2. Contours drawn for concentrations of 100 mg/L

DETAIL D-

"A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE D)

EL CAPITAN CT

TREET

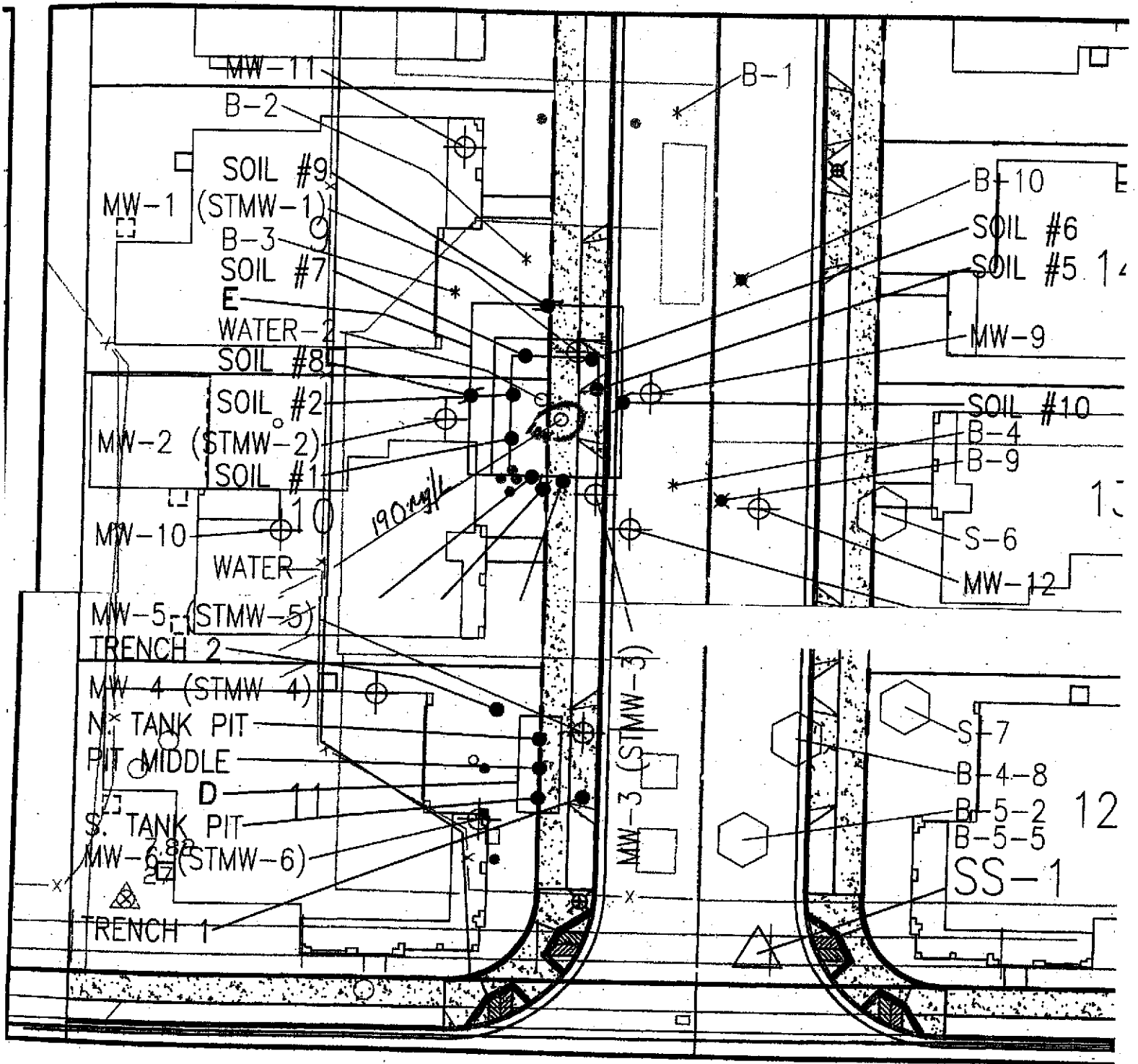


Figure 7a - TPH-diesel in Groundwater (Maina Cove Subdivision)

Notes:

1. Only concentrations > 100 mg/L are shown.
2. Contour drawn for concentration of 100 mg/L

DETAIL C

SCALE: 1"=30'

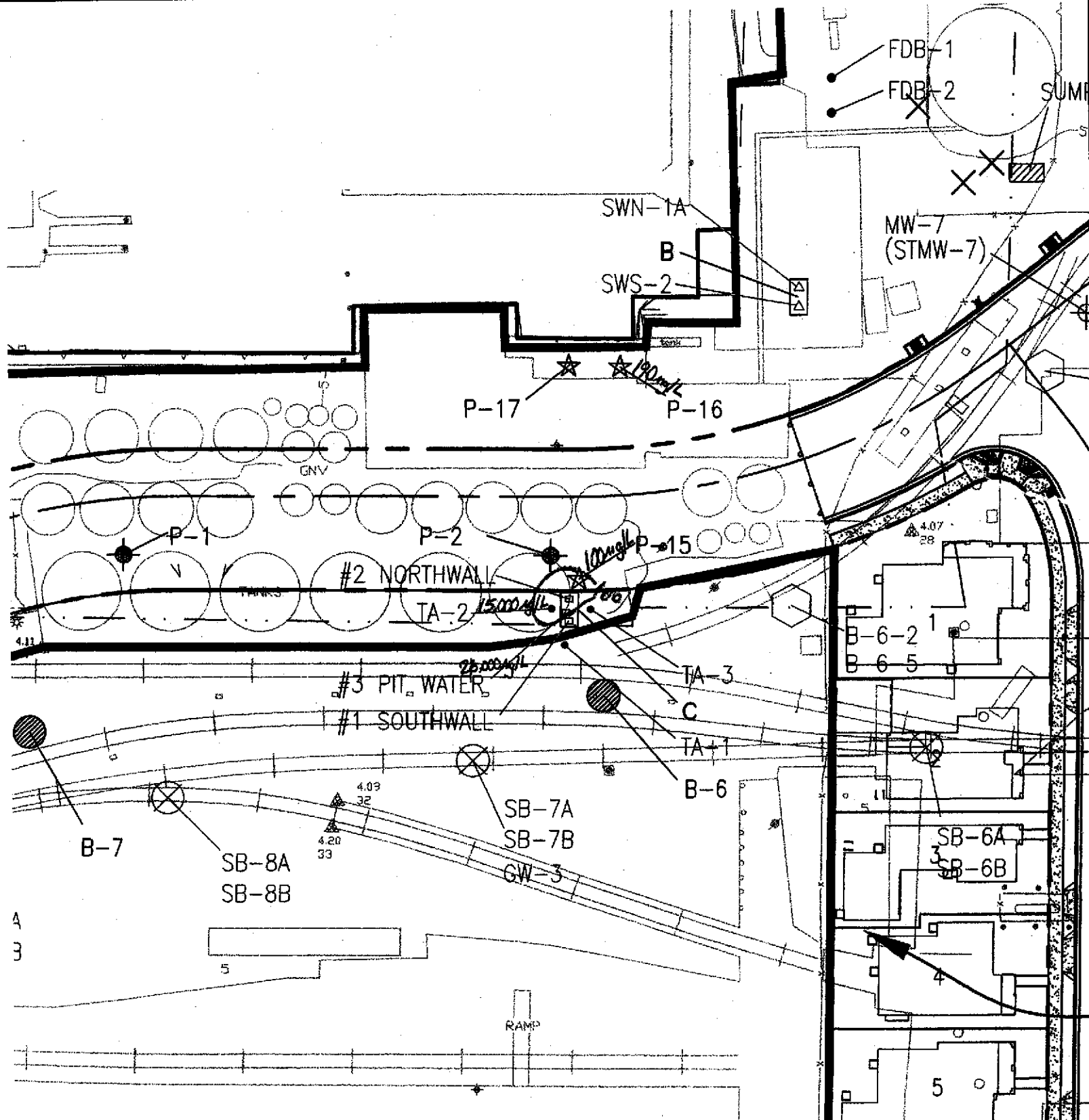


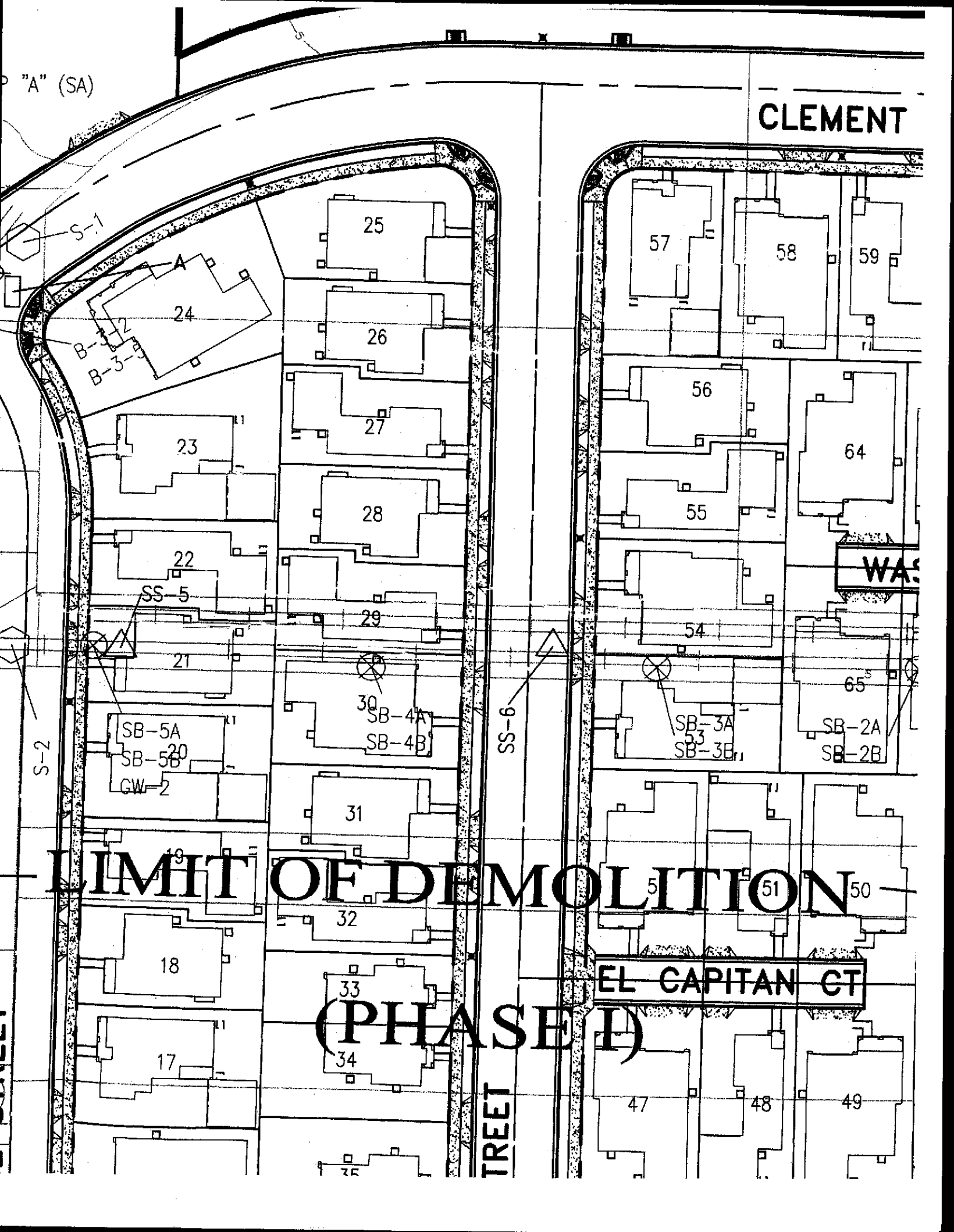
FIGURE 7b - TPH-diesel in Groundwater (Park Parcel)

- Notes:
1. Only concentrations > 100 ug/L are shown
 2. Contours drawn for concentration of 100 ug/L

DETAIL D

"A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE D)

EL CAPITAN CT

TREE

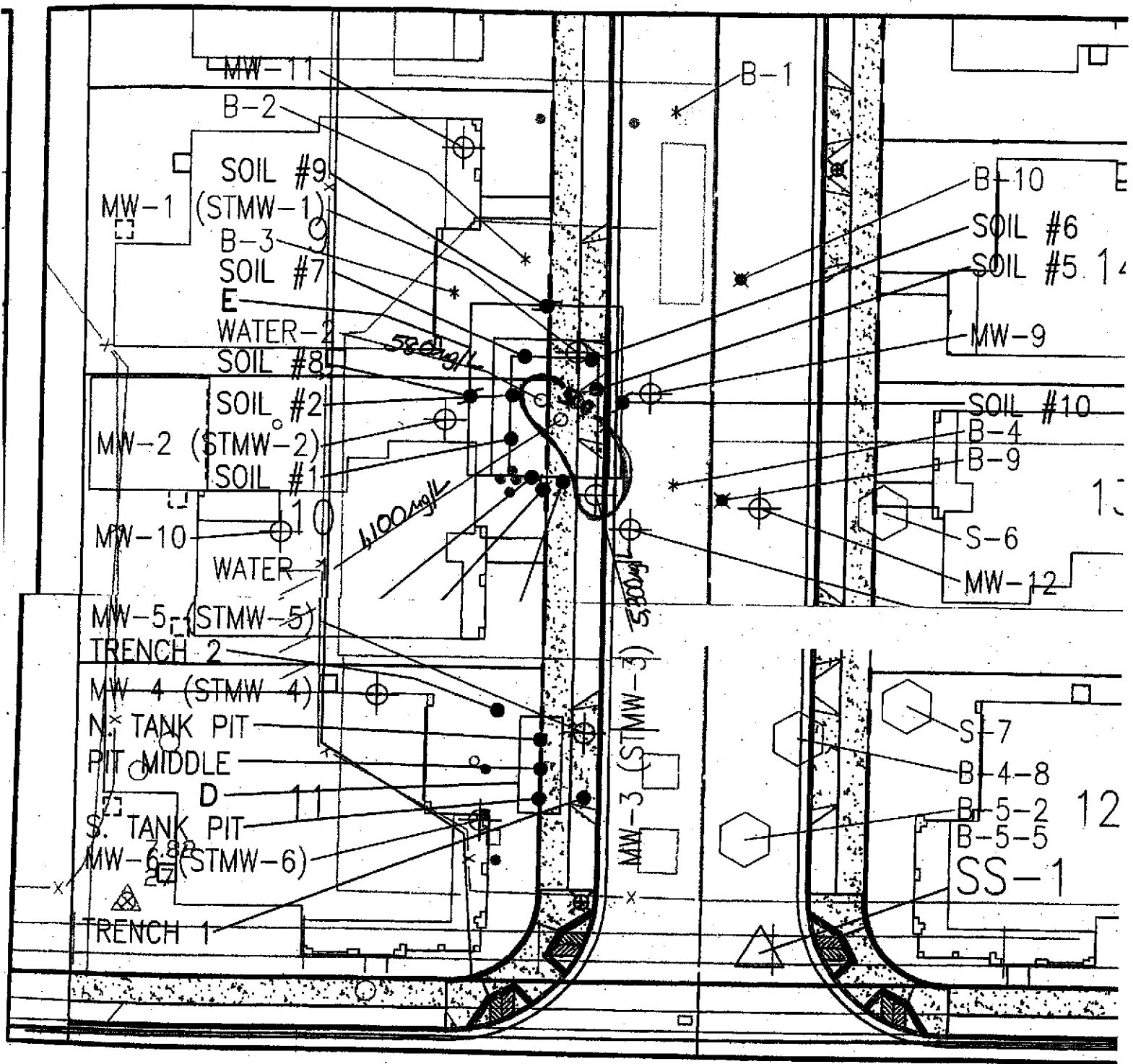


FIGURE 8a - Benzene in Groundwater (Maina Cove Subdivision)

Notes:

1. Only concentrations $> 500 \text{ mg/L}$ are shown.
2. Contours drawn for concentration of 500 mg/L

DETAIL C

SCALE: 1"=30'

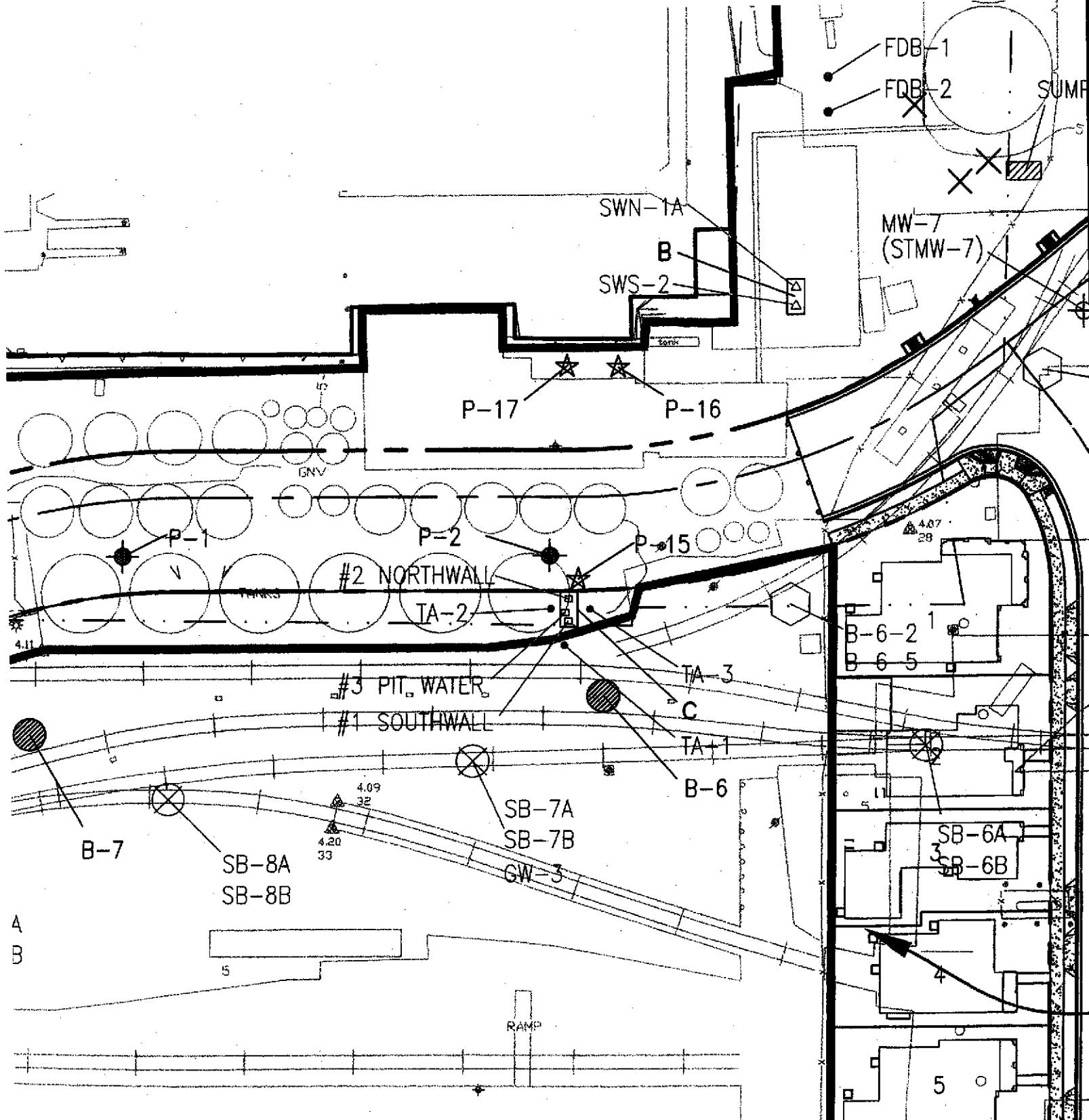


FIGURE 8b - Benzene in Groundwater (Park Parcel)

Notes:

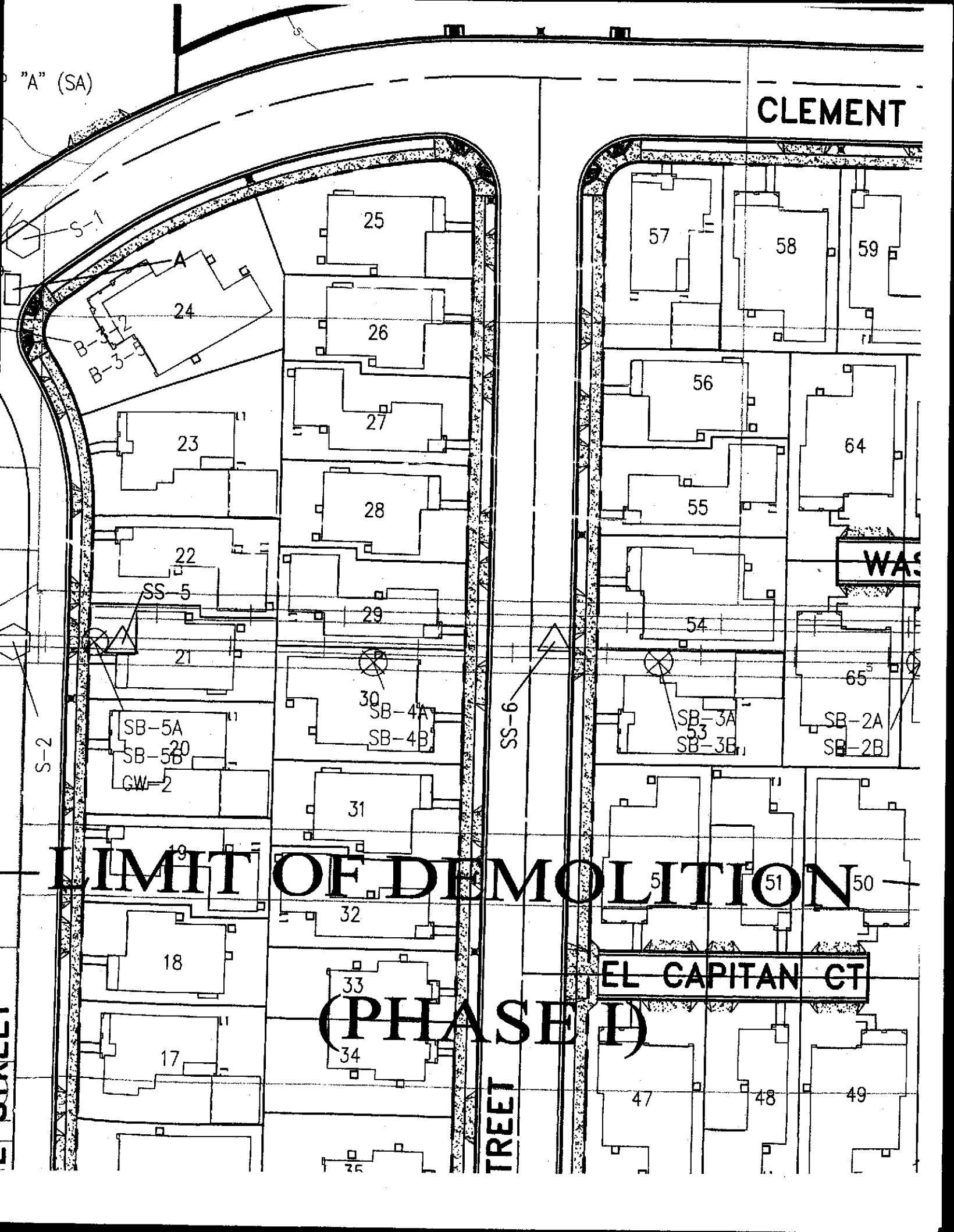
1. Only concentrations > 500 mg/L are shown.

2. Contours drawn for concentrations of 500 mg/L. DETAIL D-

ALL INDS or
≤ 500 mg/L

"A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

TREET

SURVEY

S-2

S-1

SS-6

SS-5

SB-5A
SB-5B
GW-2

SB-4A
SB-4B

SB-3A
SB-3B

SB-2A
SB-2B

WAS

24

23

22

21

19

18

17

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26

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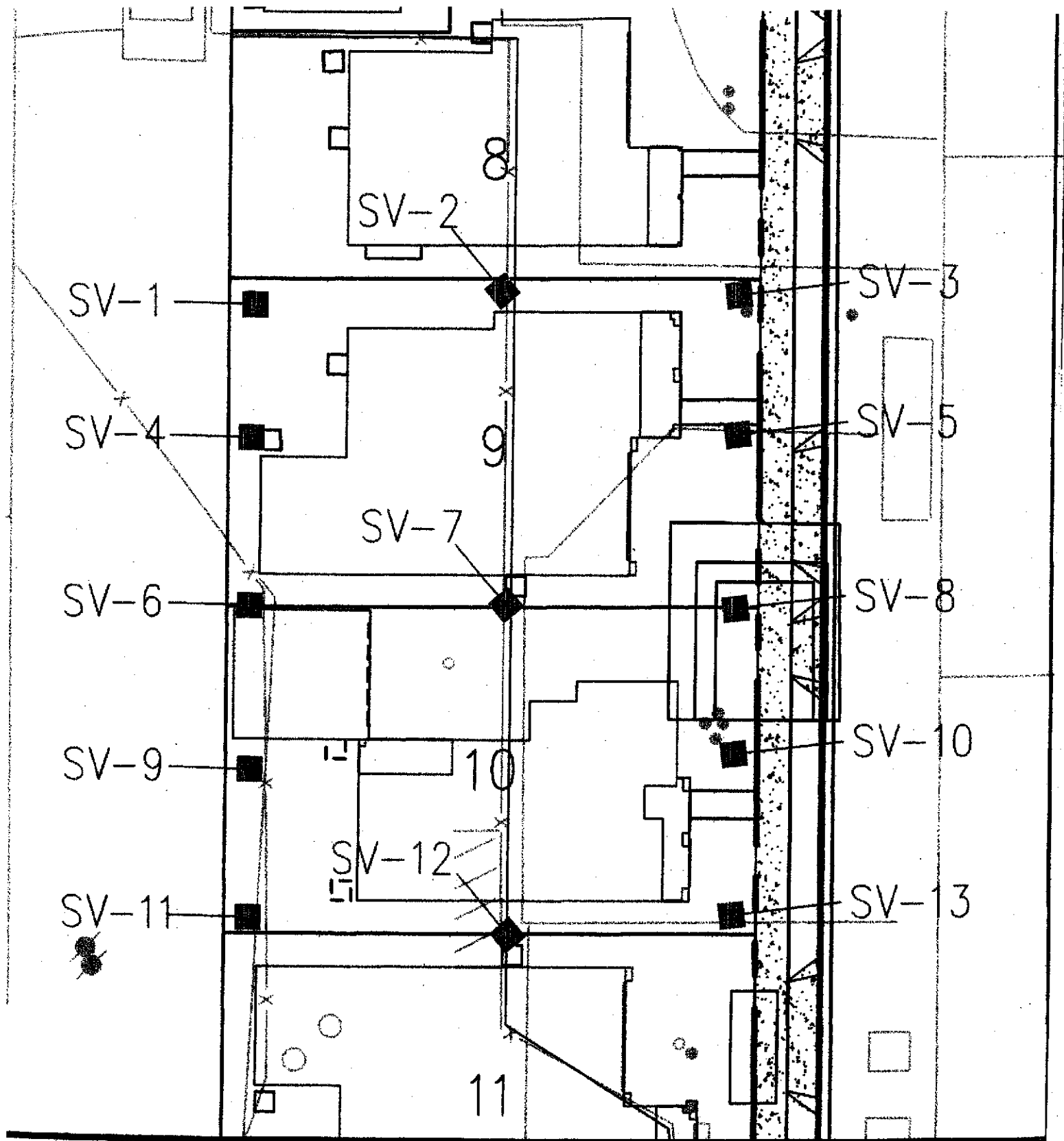


FIGURE 9 - SOIL GAS SAMPLING
RESULTS (Marina Cove
Subdivision)

DETAIL D

* VOCs were ND < 0.2 µg/L of vapor
at all sampling locations

SCALE: 1" = 30'

* TPH was ND < 1 ppmV at all sampling locations

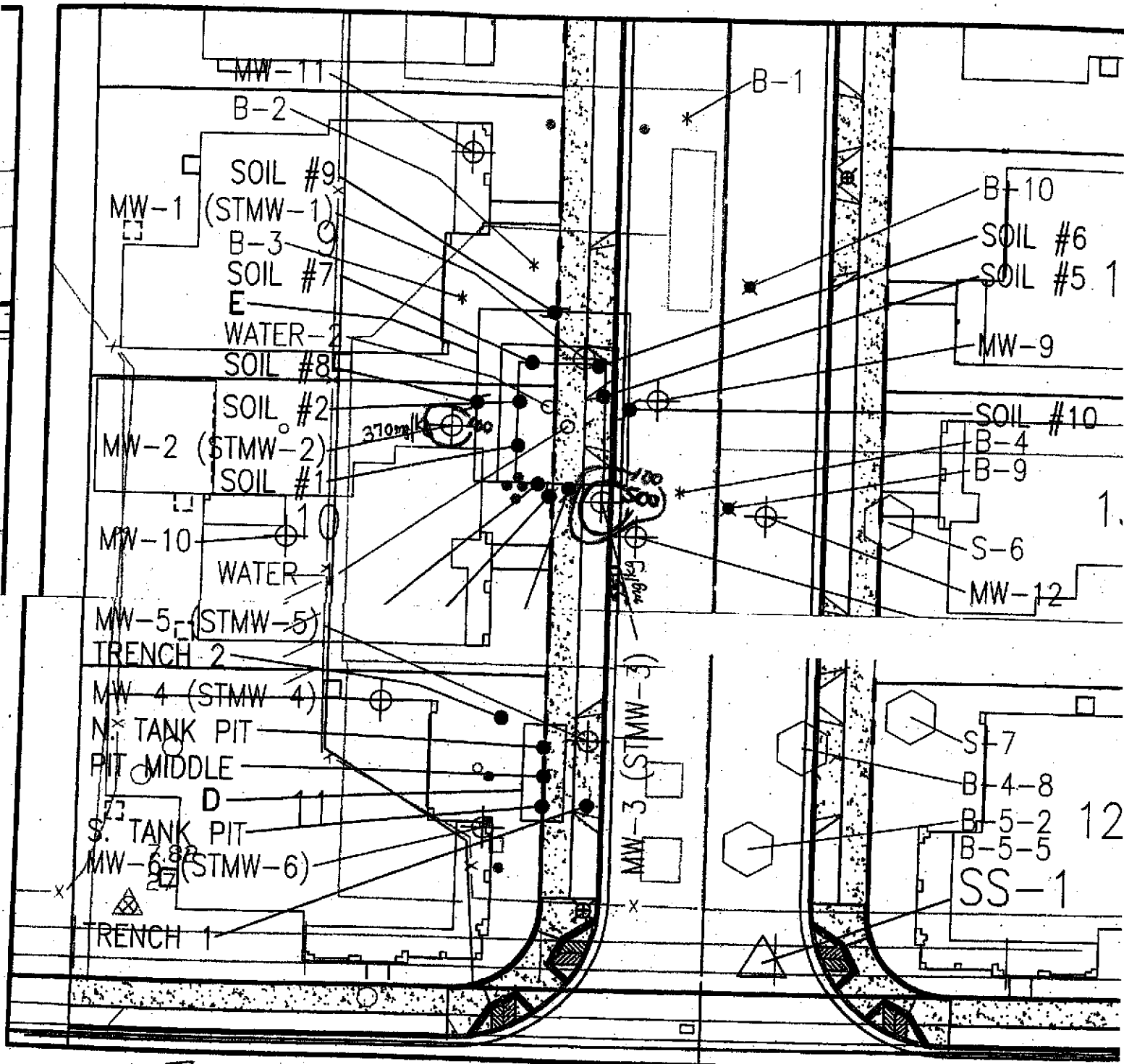


FIGURE 1a-TPH-gasoline in Soil (Marina Cove Subdivision)

Notes:

1. Only concentrations > 100mg/kg are shown
2. Contours drawn for concentrations of 100mg/kg, 500mg/kg, and 1,000mg/kg.

DETAIL C

SCALE: 1"=30'

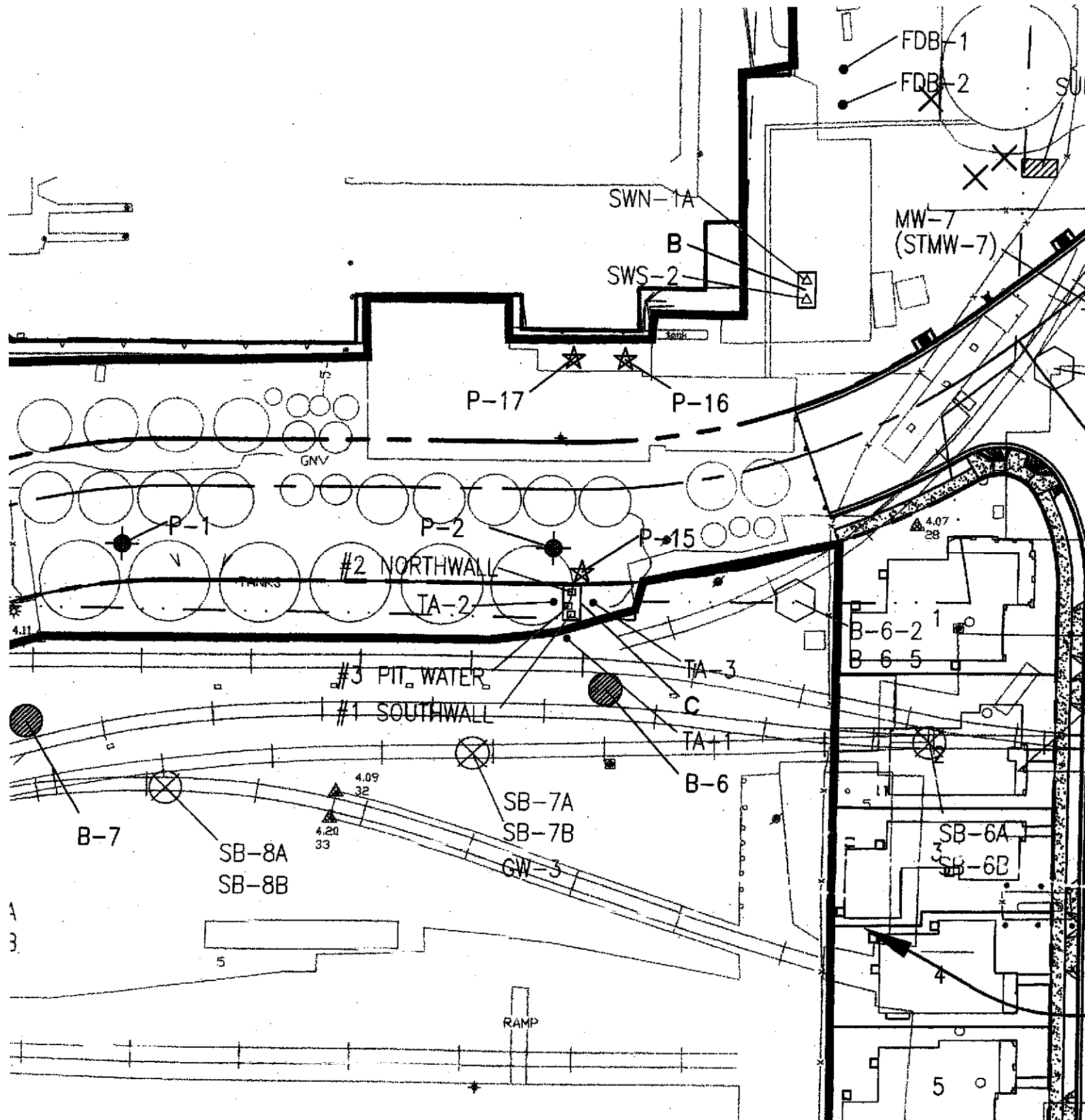


FIGURE 1b - TPH-gasoline in Soil (Pank Parcel)

Notes:

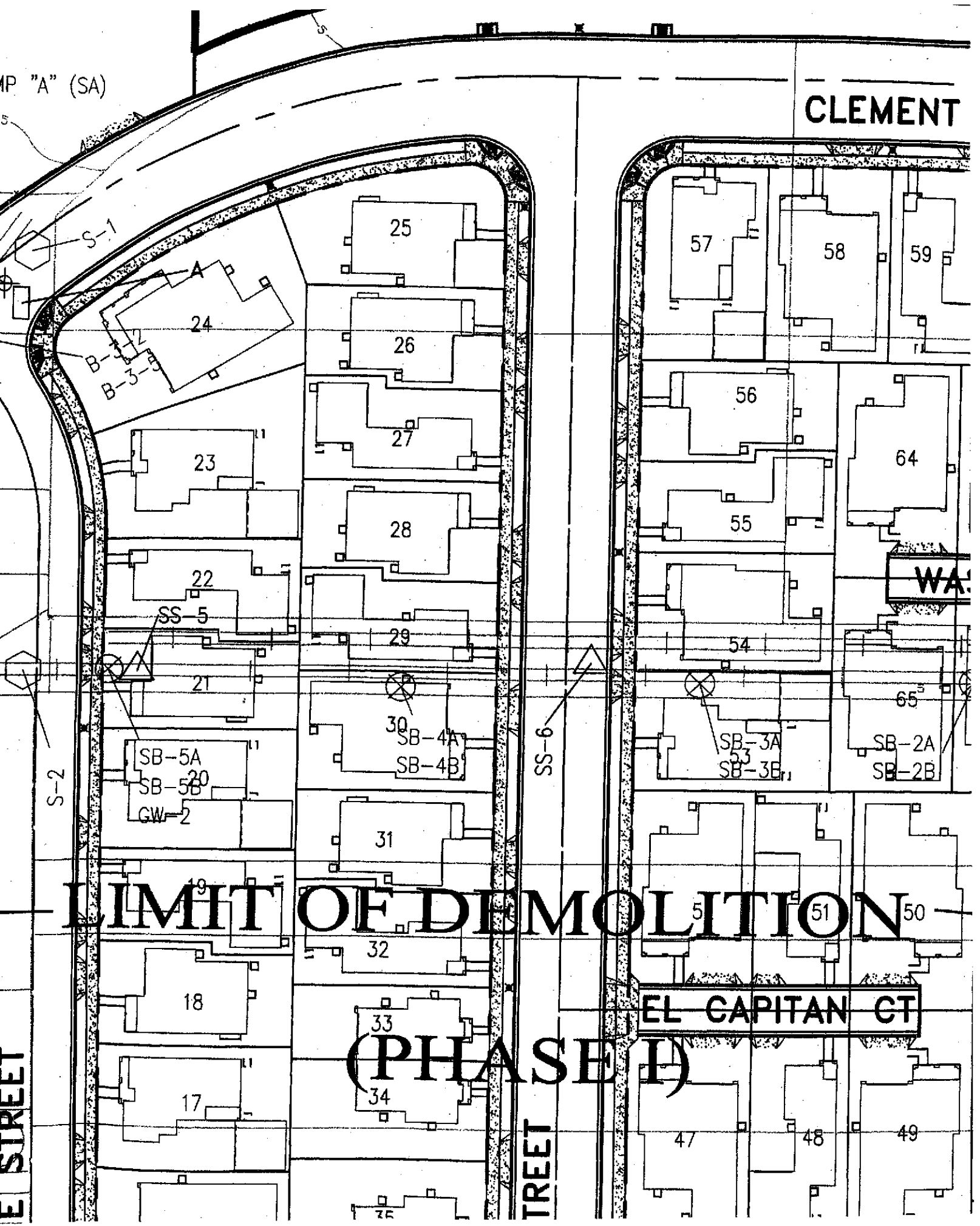
1. Only concentrations > 100 mg/kg are shown
2. Contours drawn for concentrations of 100 mg/kg, 500 mg/kg, and 1000 mg/kg

All NDs or ≤ 100 mg/kg

DETAIL D

MP "A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

E STREET

TREET

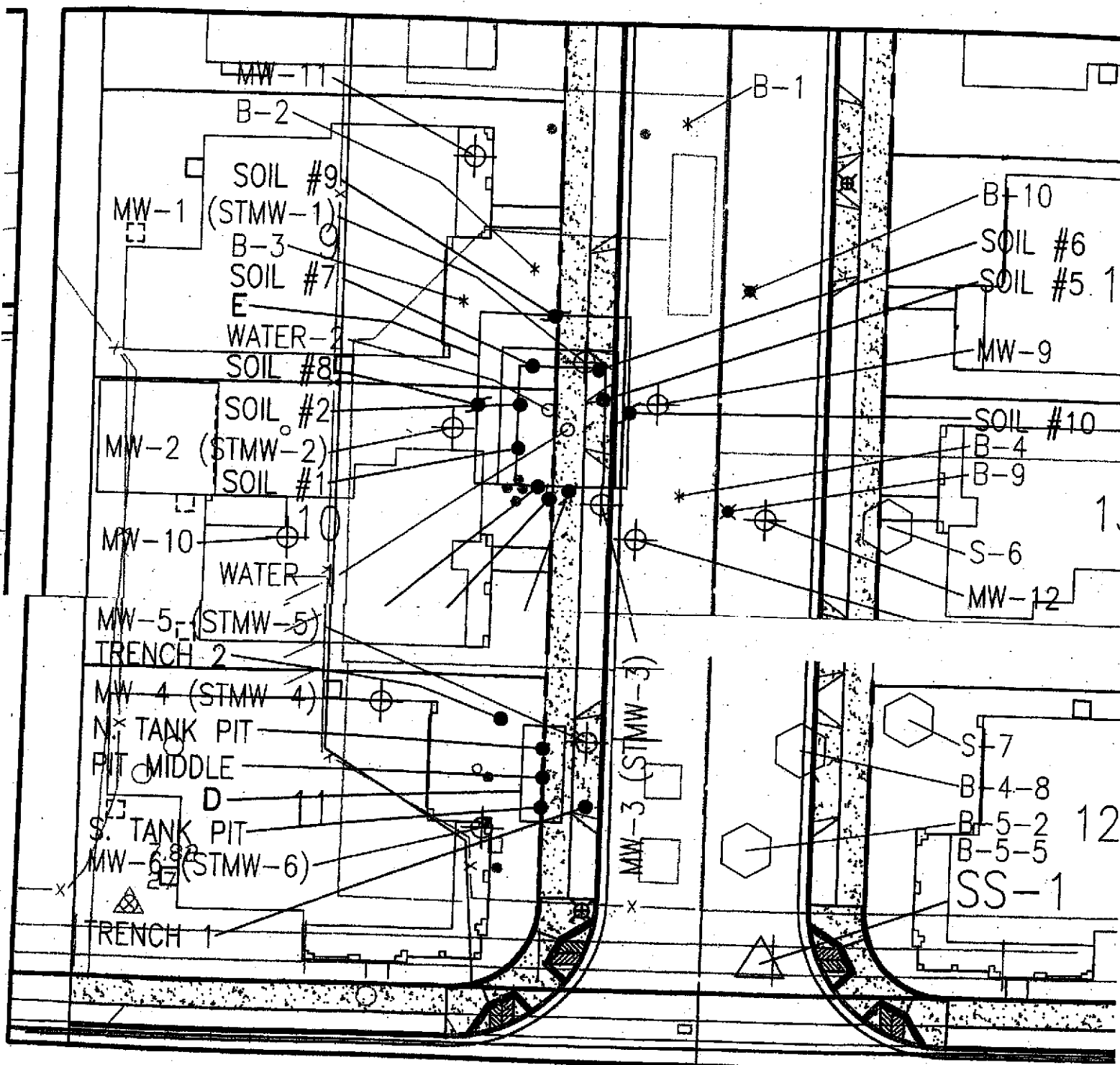


FIGURE 2a-TPH-motor oil in Soil (Maina Cove Subdivision)

Notes:

1. Only concentrations >100mg/kg are shown
2. Contours drawn for concentrations of 100mg/kg, 500mg/kg, and 1,000mg/kg

DETAIL C

SCALE: 1"=30'

* All NDs or $\leq 100 \text{ mg/kg}$

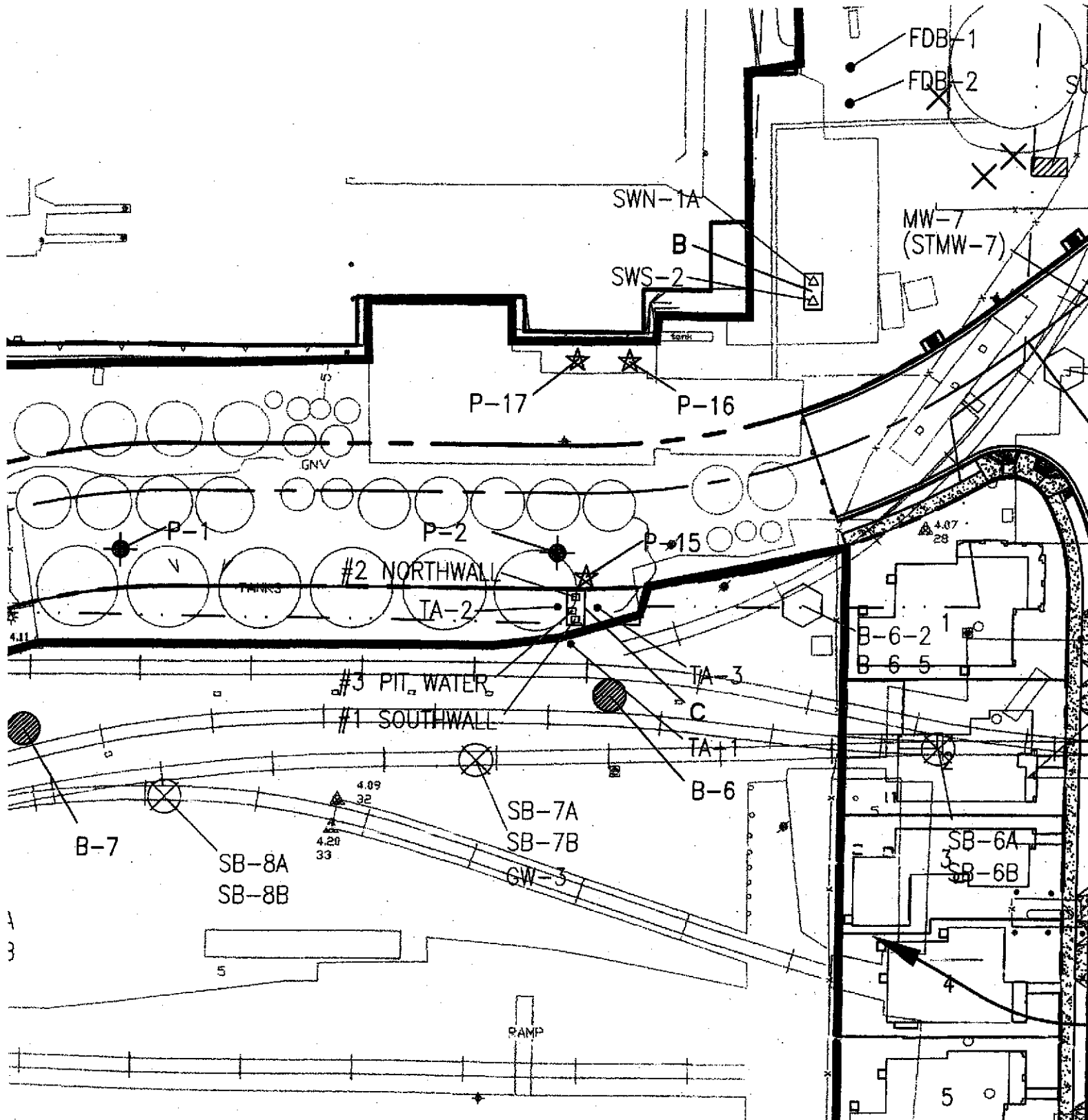


FIGURE 2b- TPH-motor oil in Soil (Park Parcel)

*All NDs or $\leq 100 \text{ mg/kg}$

- Notes:
1. Only concentrations $> 100 \text{ mg/kg}$ are shown.
 2. Contours drawn for concentrations of 100 mg/kg , 500 mg/kg , and 1000 mg/kg .

DETAIL D-

MP "A" (SA)

CLEMENT

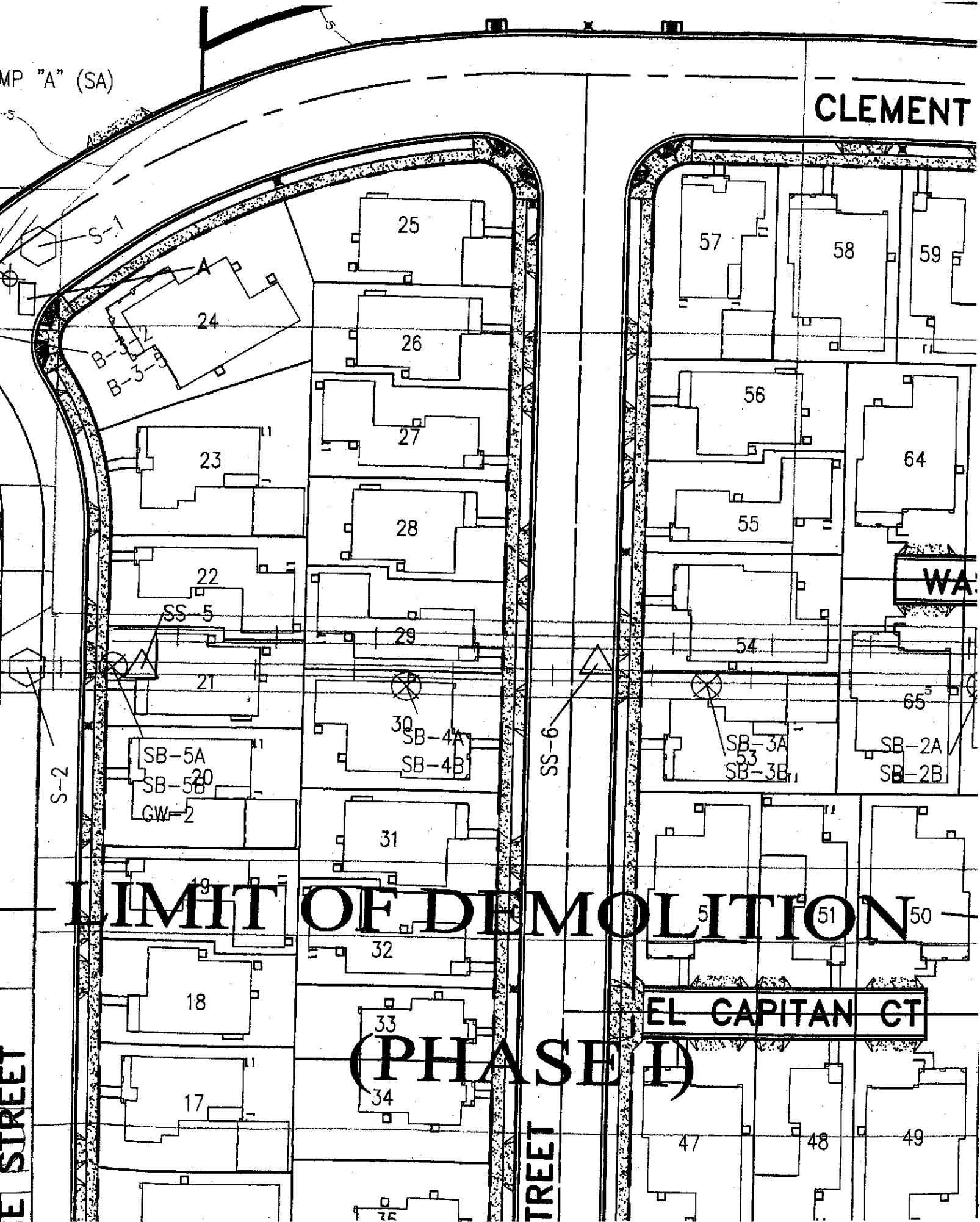
E STREET

TREET

EL CAPITAN CT

LIMIT OF DEMOLITION

(PHASE I)



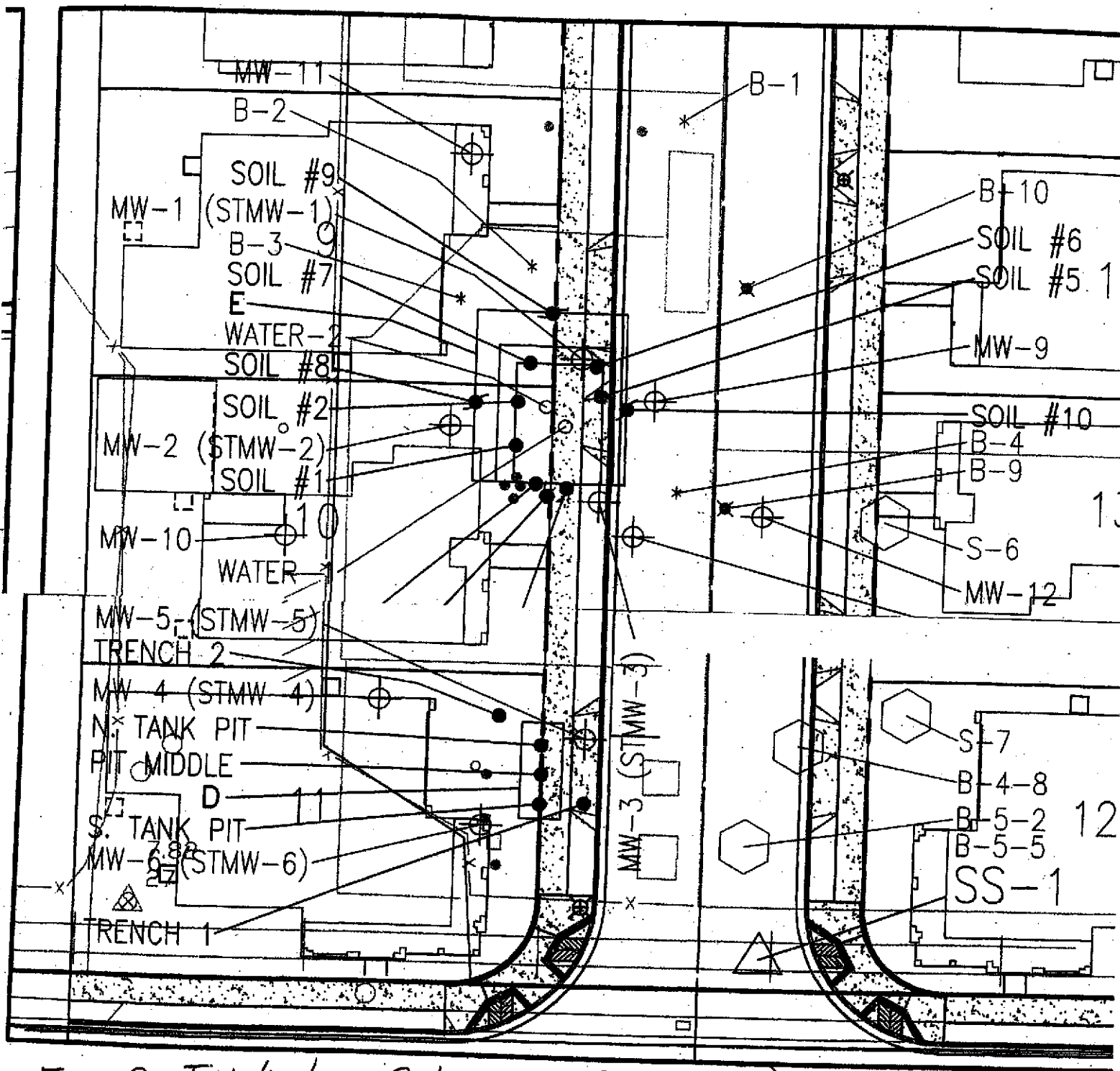


FIGURE 3a-TPH-diesel in Soil (Maina Cove Subdivision)

Notes:

1. Only concentrations > 100mg/kg are shown
2. Contours drawn for concentrations SCALE: 1"=30' of 100 mg/kg, 500 mg/kg, and 1,000 mg/kg.

DETAIL C

* All NDs or ≤ 100 mg/kg

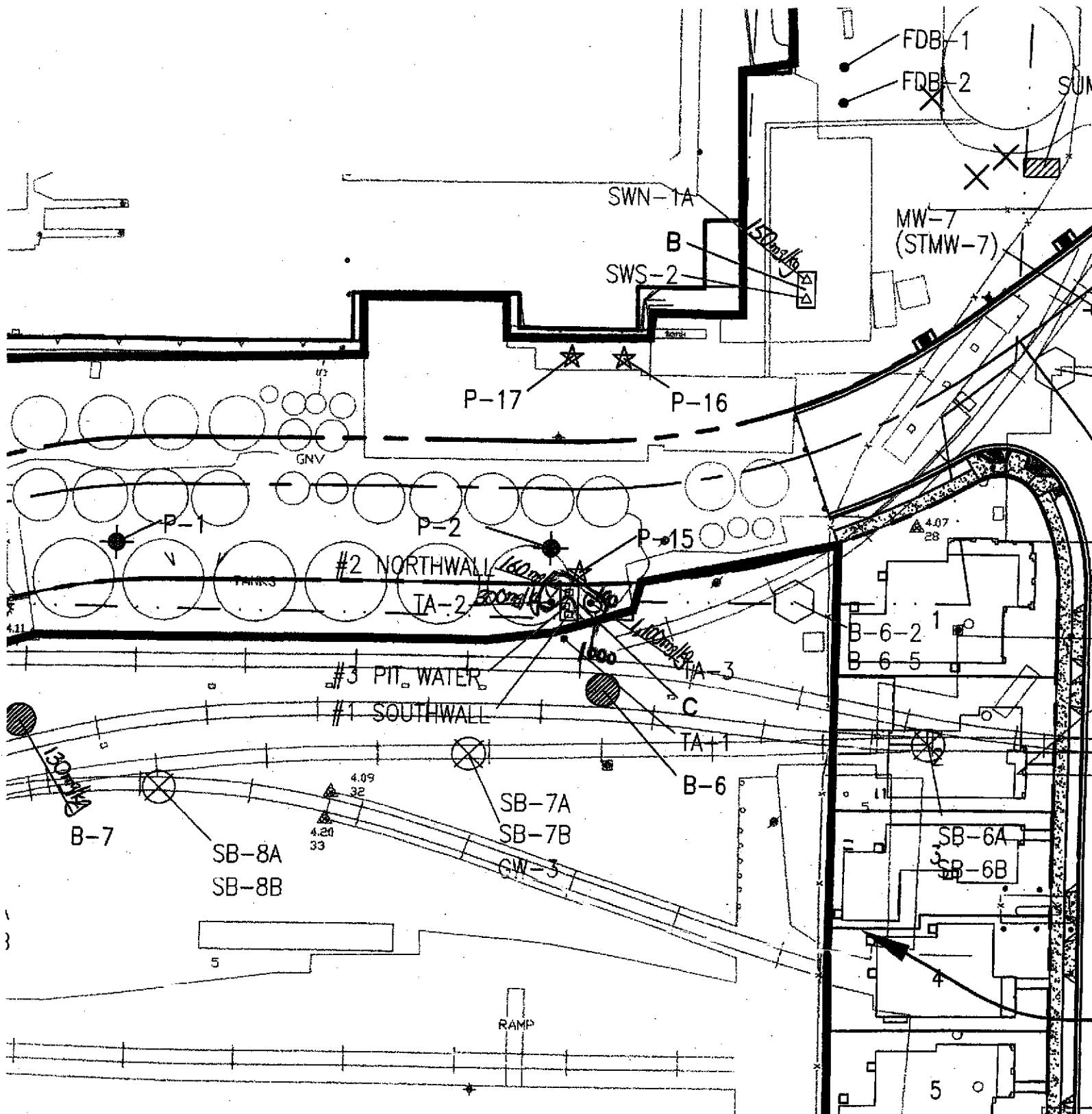


FIGURE 3b - TPH-diesel in Soil (Park Parcel)

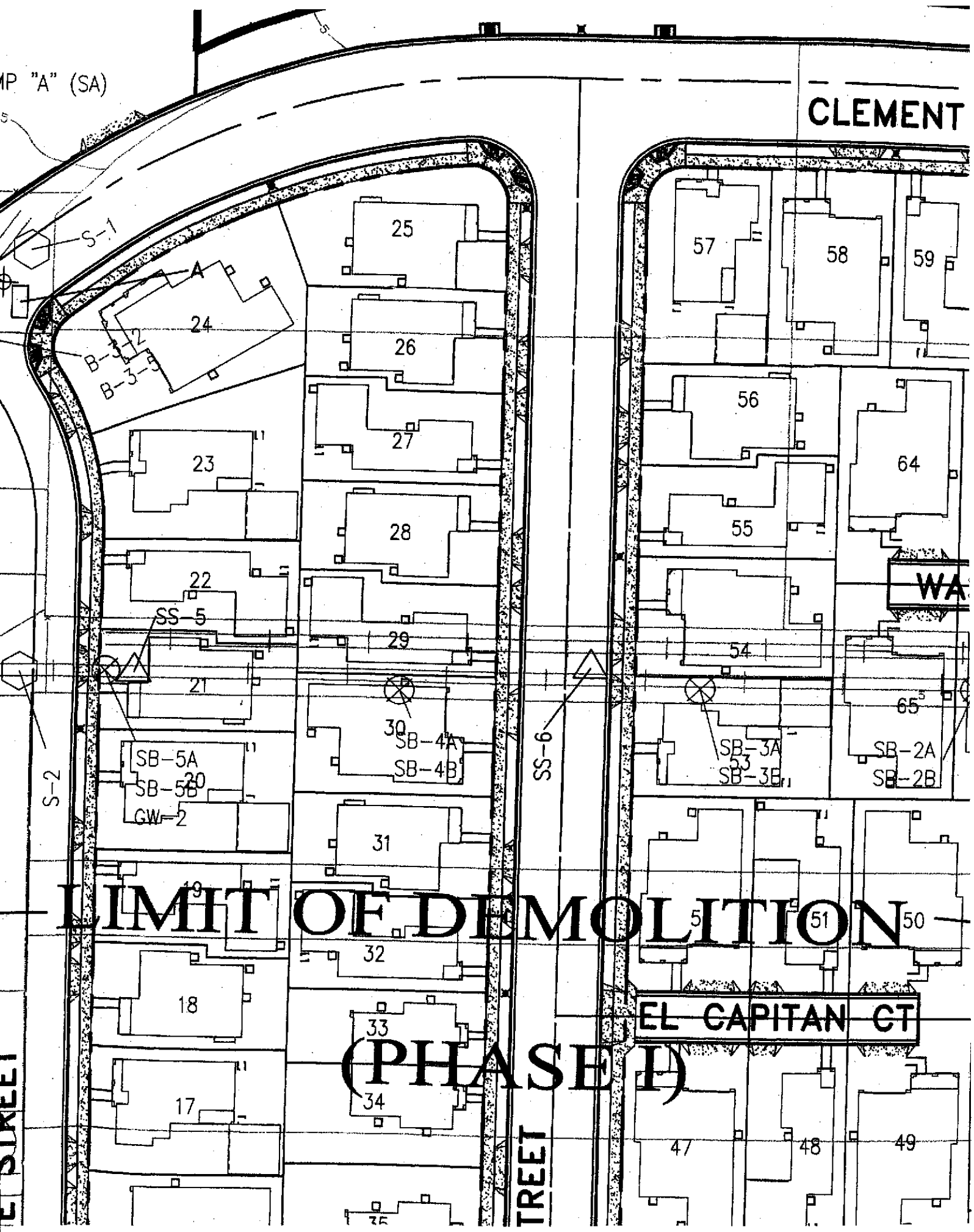
Notes:

1. Only concentrations > 100mg/kg are shown.
2. Contours drawn for concentrations of 100mg/kg, 500mg/kg, and 1000mg/kg.

DETAIL D

MP "A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

SIKEE

TREET

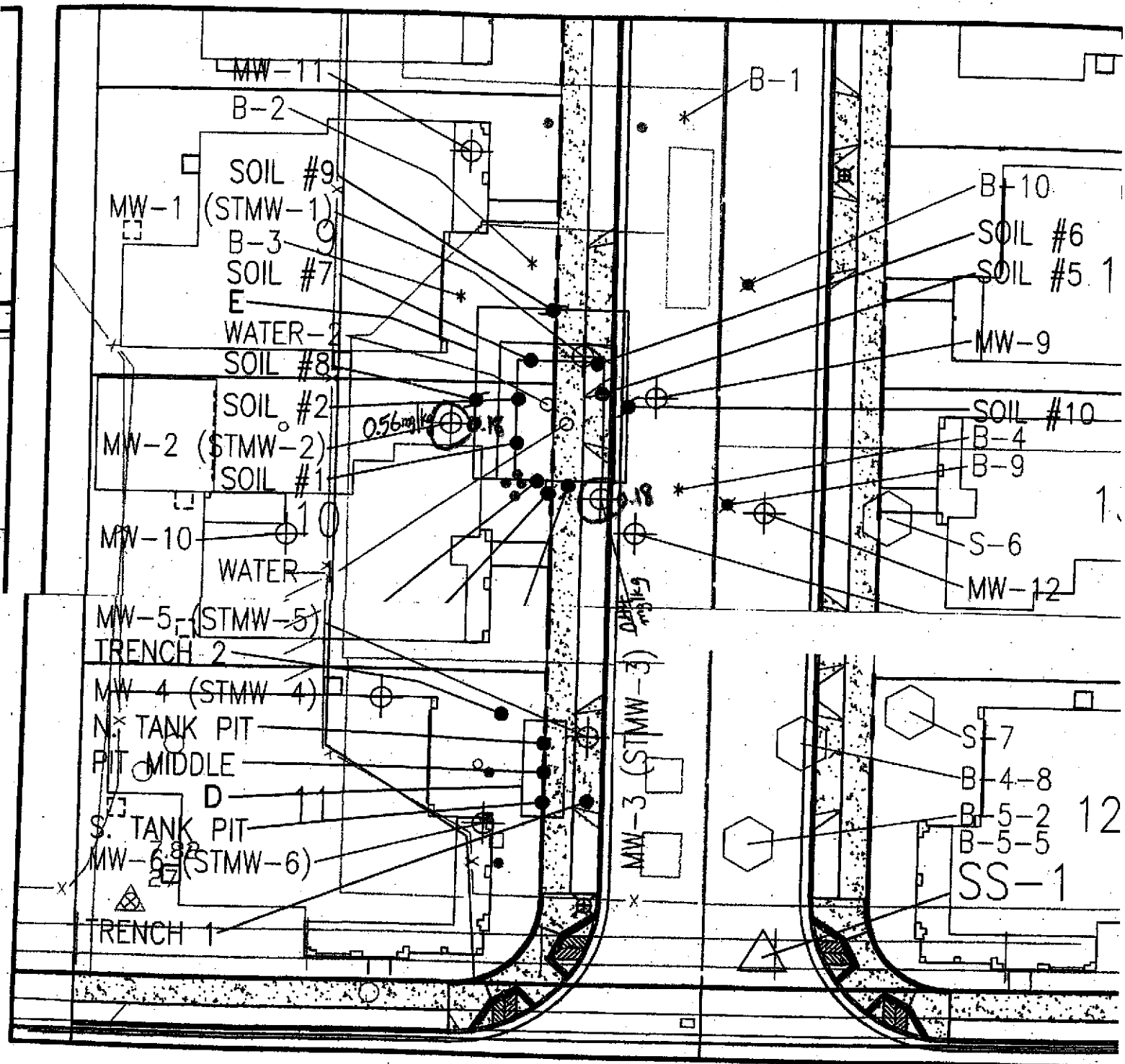


FIGURE 4a.-Benzene in Soil (Maina Cove Subdivision)

Notes:

1. Only concentrations $> 0.18 \text{ mg/kg}$ are shown.
2. Contours drawn for concentration of 0.18 mg/kg .

DETAIL C

SCALE: 1"=30'

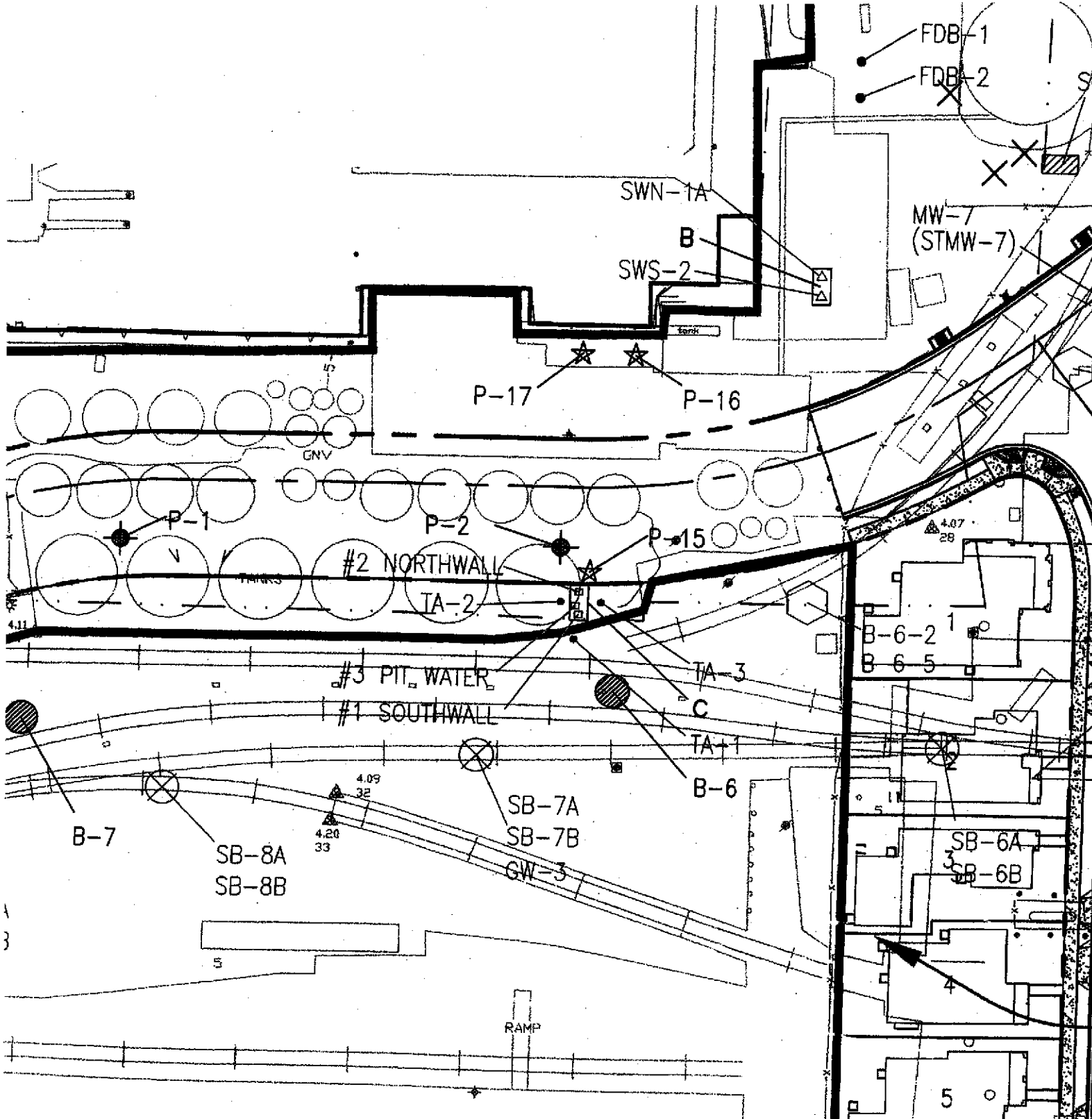


FIGURE 4b Benzene in Soil (Park Parcel)

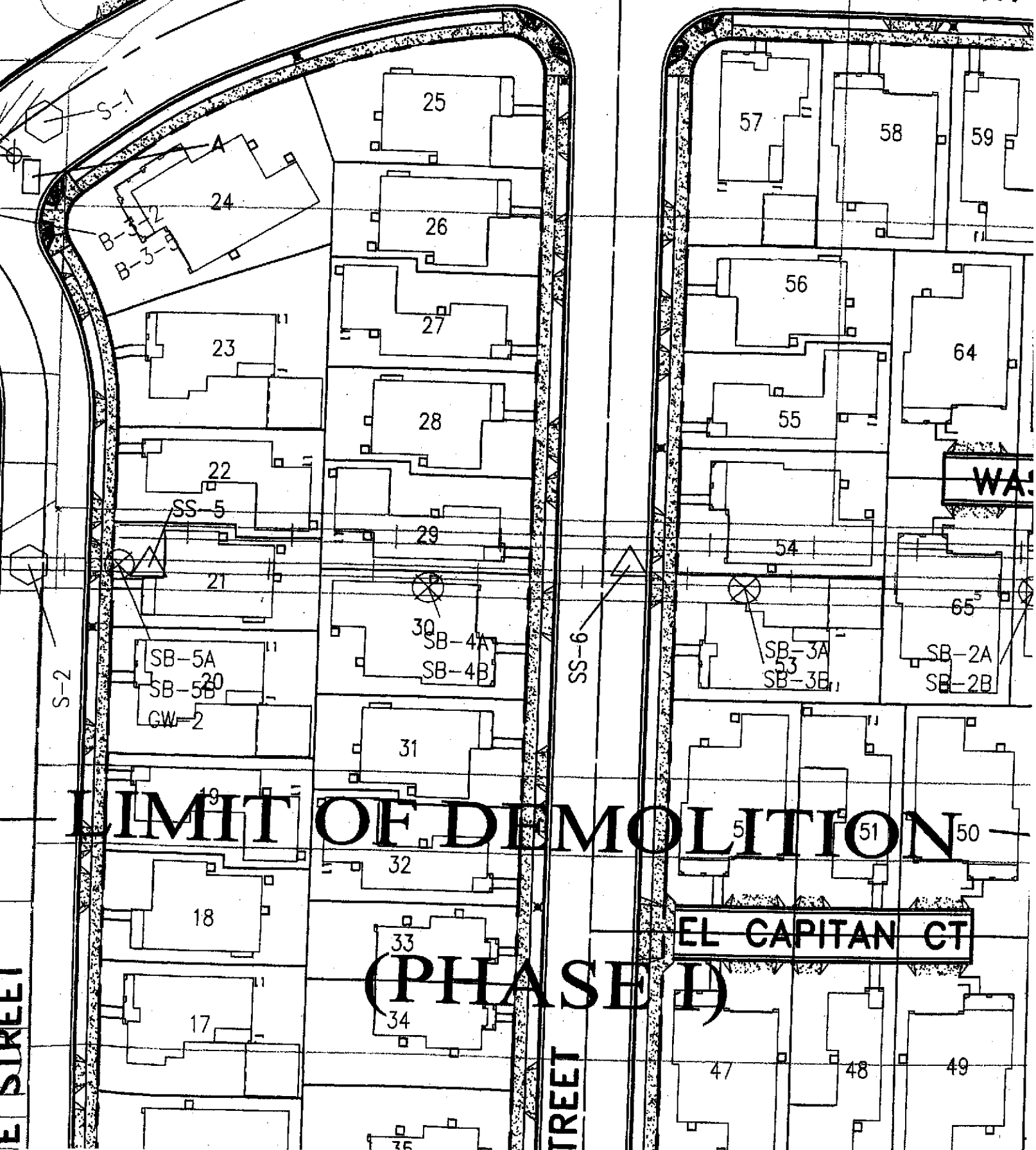
All NDs or
 $\leq 0.18 \text{ mg/kg}$

- Notes:
1. Only concentrations $> 0.18 \text{ mg/kg}$ are shown.
 2. Contours drawn for concentration of 0.18 mg/kg

DETAIL D

MP "A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE D)

EL CAPITAN CT

E STREET

TREET

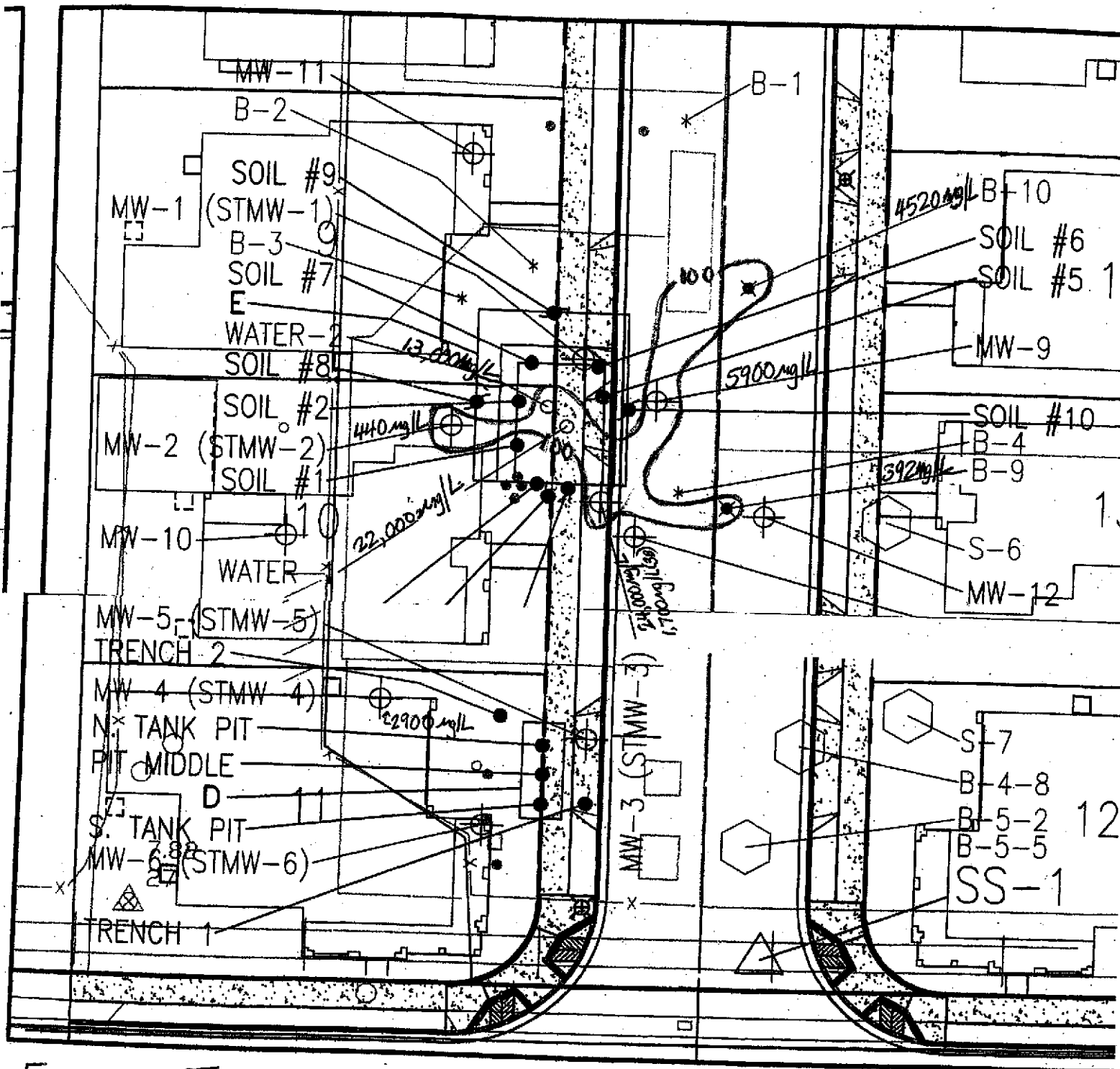


FIGURE 5a- TPH-gasoline in Groundwater (Maina Cove Subdivision)

Notes:

1. Only concentrations > 100 mg/L are shown
2. Contour drawn for concentration of 100 mg/L

DETAIL C

SCALE: 1"=30'

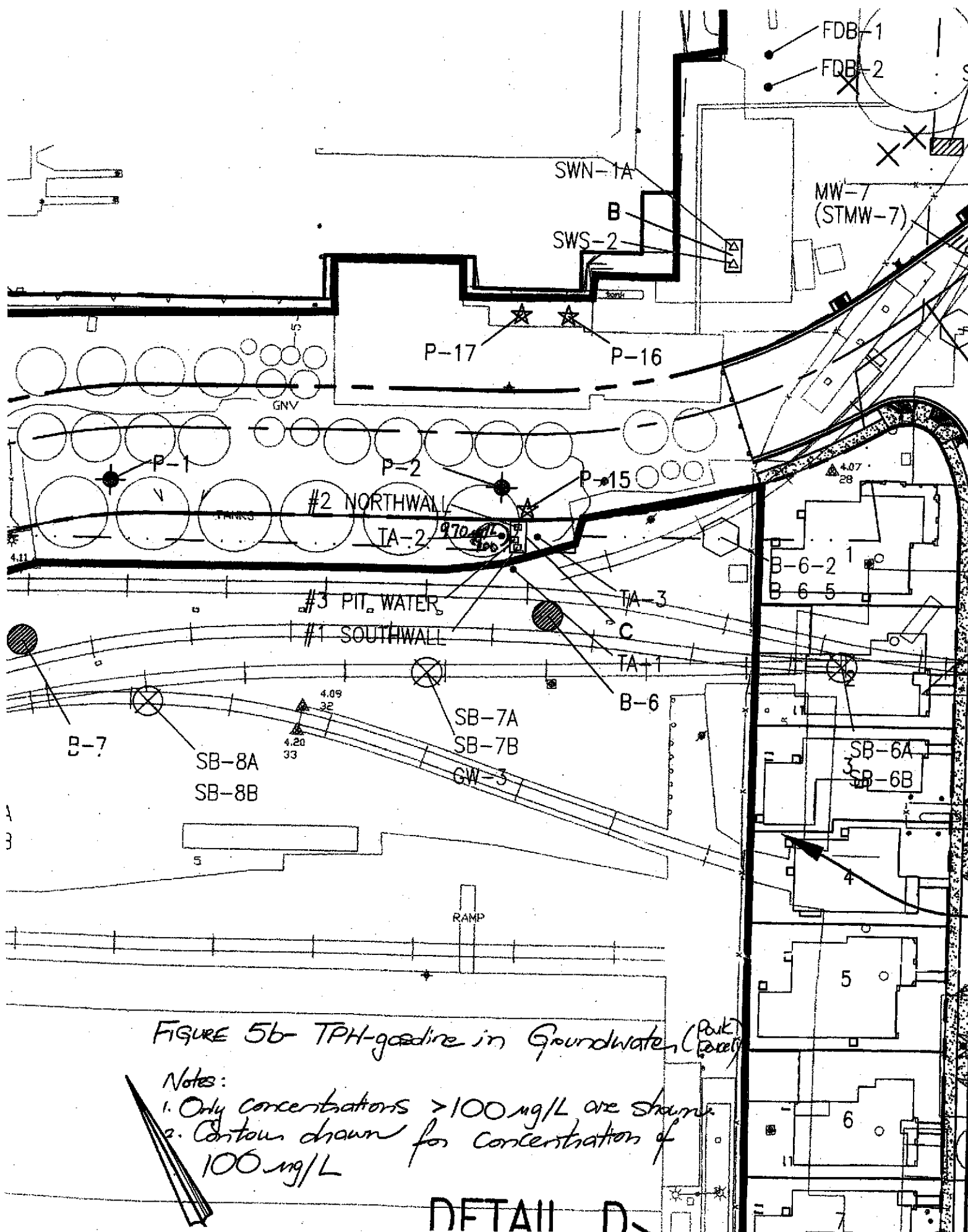


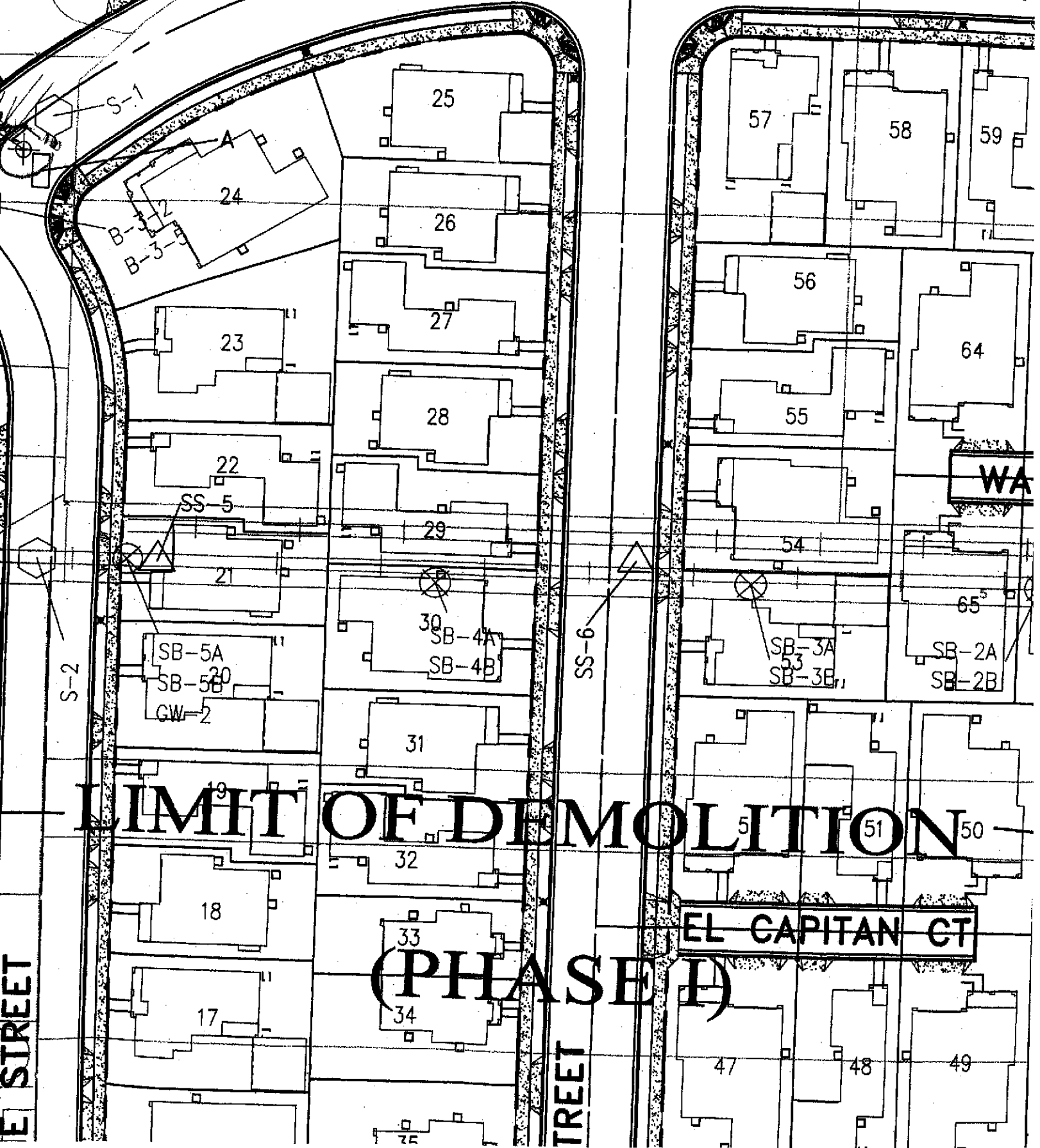
FIGURE 5b- TPH-gasoline in Groundwater (Peak Concentration)

- Notes:
1. Only concentrations > 100 mg/L are shown.
 2. Contours drawn for concentration of 100 mg/L

DETAIL D

PUMP "A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

E STREET

TREET

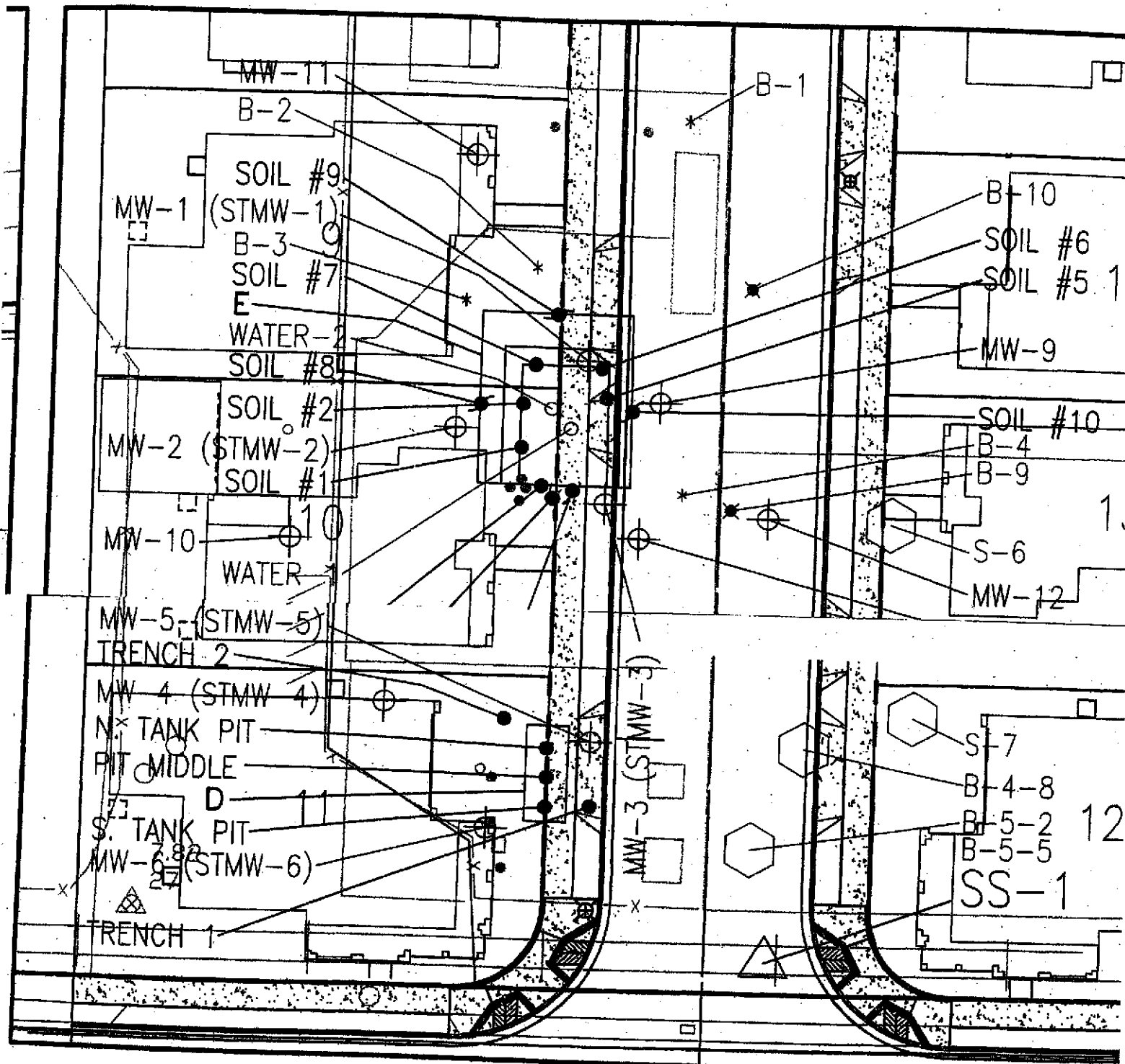


FIGURE 6a - TPH motor oil in Groundwater (Maina Cove Subdivision)

Notes:

1. Only concentrations > 100ug/L are shown.
2. Contours drawn for concentrations of 100 ug/L.

DETAIL C

* All NDs or $\leq 100\text{ug/L}$

SCALE: 1"=30'

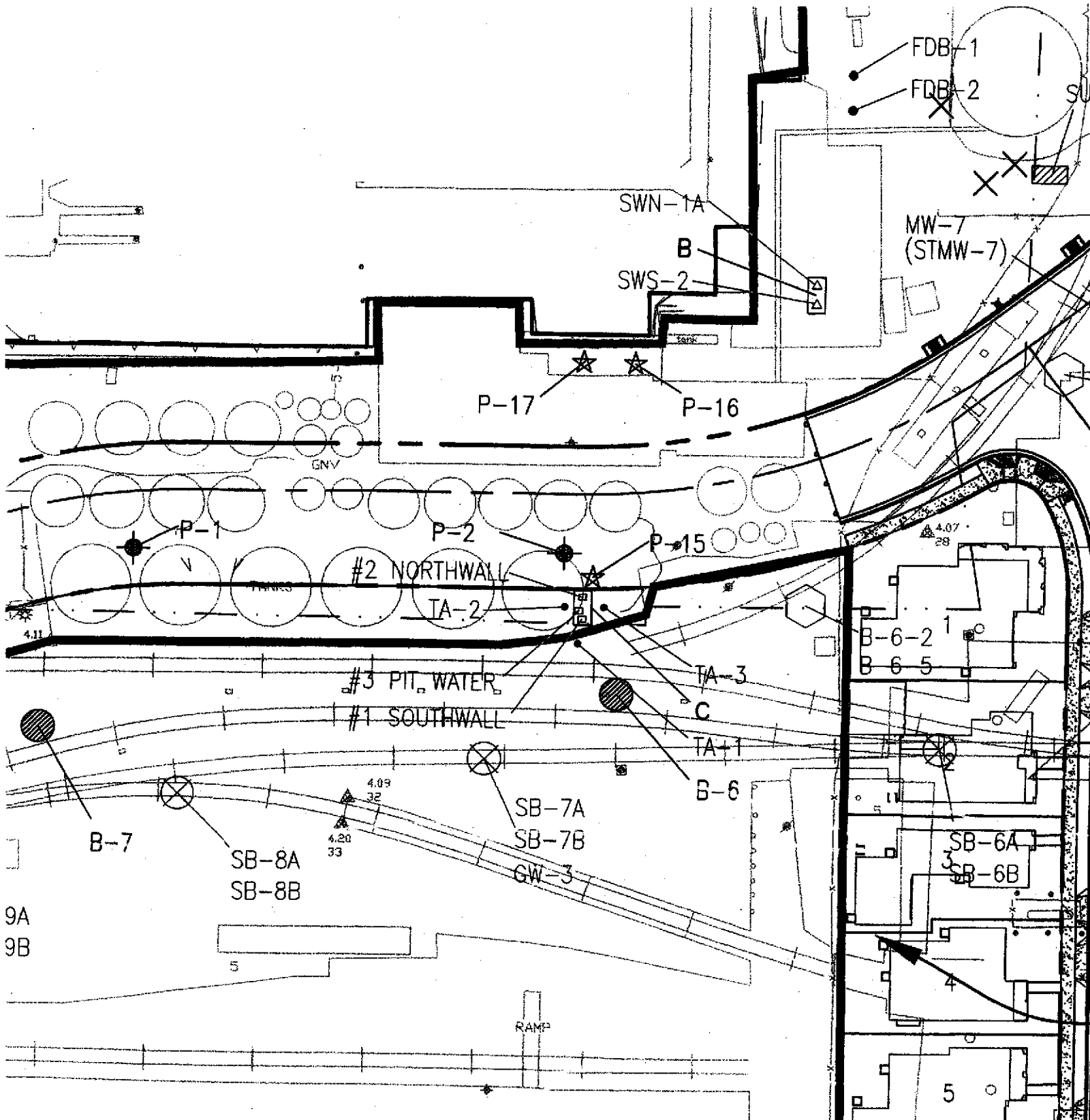


Figure 6b - TPH-motor oil in Groundwater (Park Parcel)

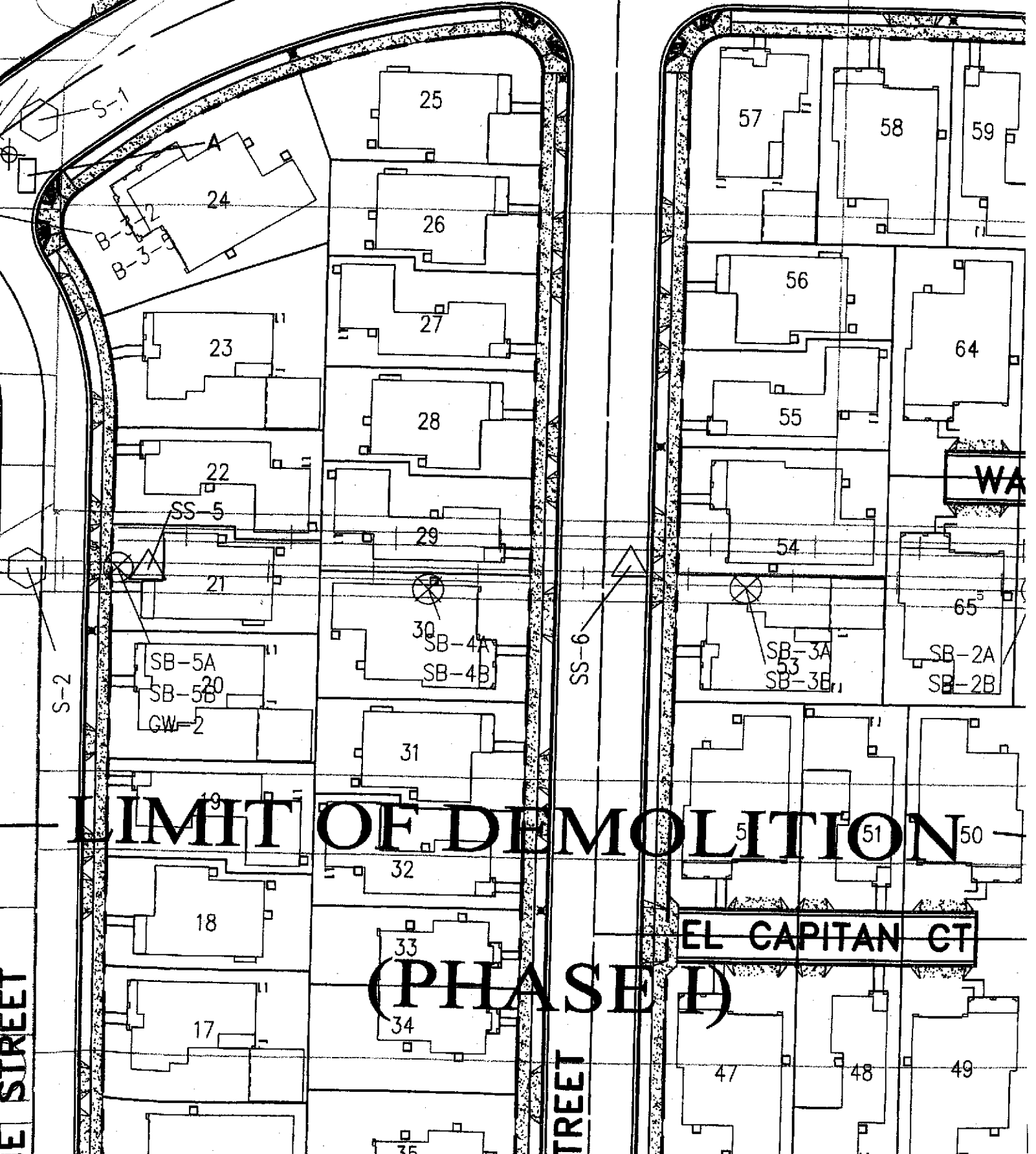
*All NDs or $\leq 100 \text{ mg/L}$

- Notes:
1. Only concentrations $> 100 \text{ mg/L}$ are shown
 2. Contours drawn for concentrations of 100 mg/L

DETAIL D-

MP "A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

E STREET

TREET

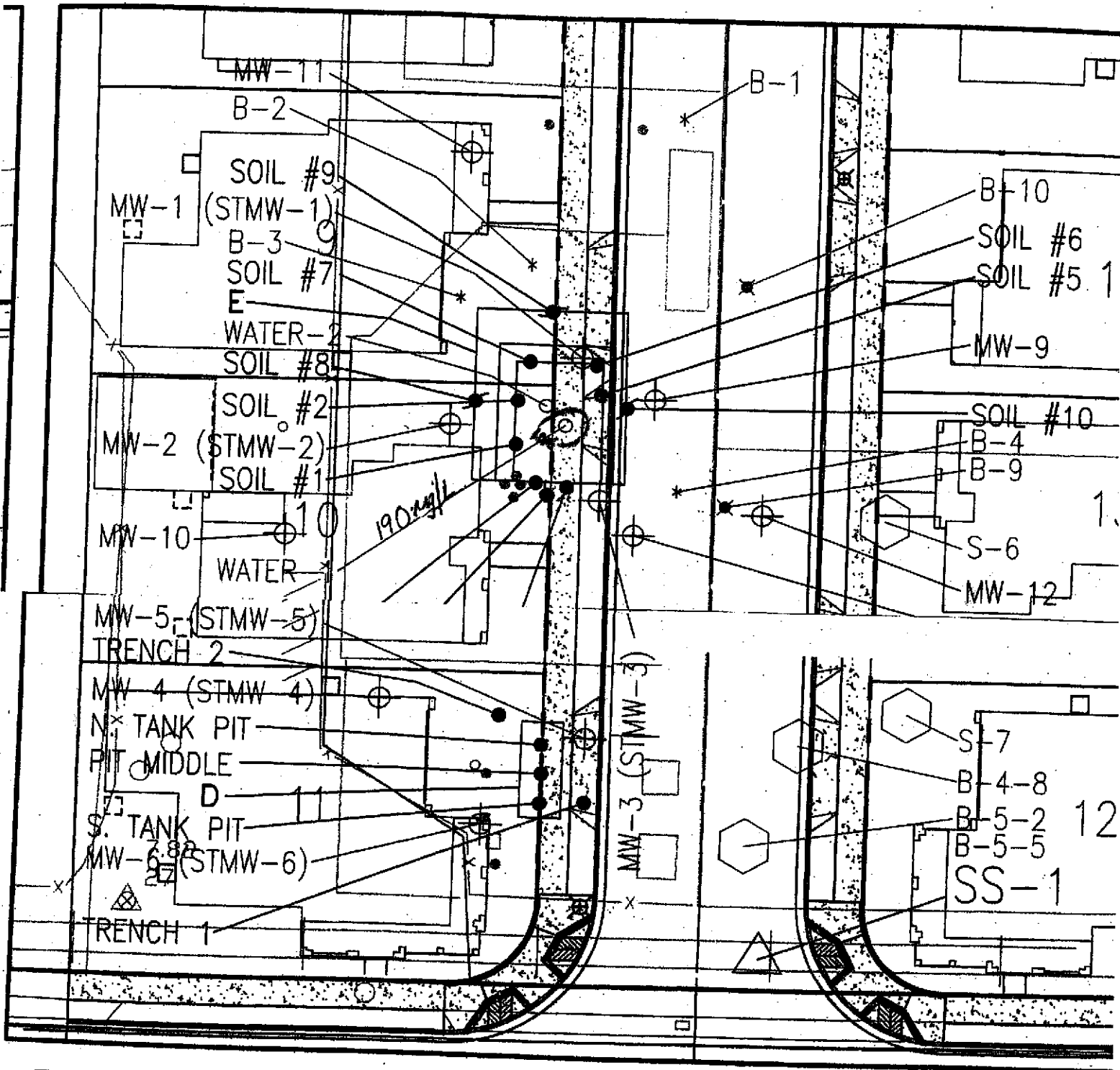


Figure 7a - TPH-diesel in Groundwater (Maina Cove Subdivision)

Notes:

1. Only concentrations > 100 mg/L are shown.
2. Contour drawn for concentration of 100 mg/L

DETAIL C

SCALE: 1"=30'

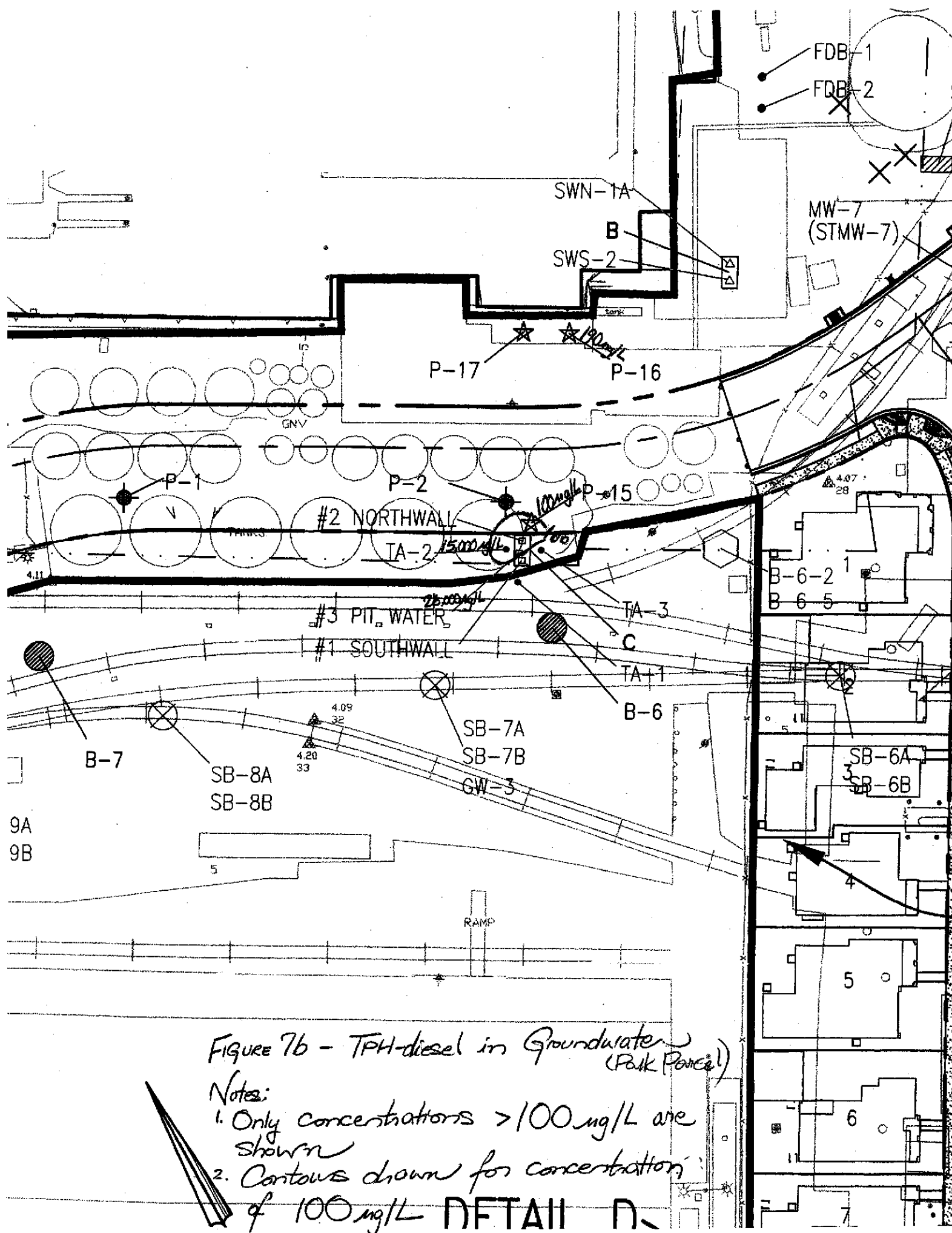


FIGURE 7b - TPH-diesel in Groundwater (Park Parcel)

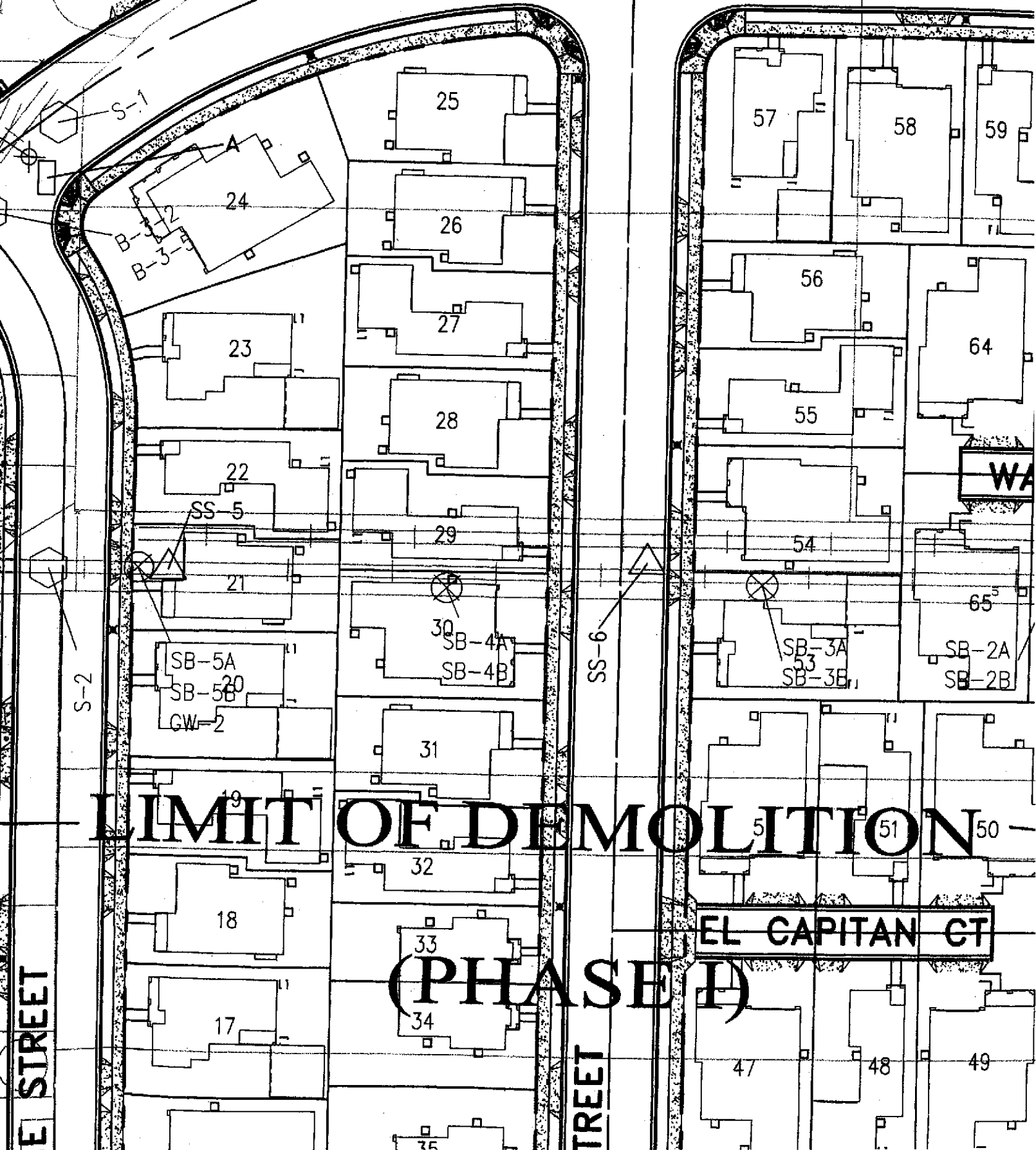
Notes:

1. Only concentrations > 100 µg/L are shown
2. Contours drawn for concentration of 100 µg/L

DETAIL D

PUMP "A" (SA)

CLEMENT



LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

E STREET

TREET

S-2

S-1

SS-6

B-3-2

B-3-3

SS-5

SB-5A

SB-5B

GW-2

SB-4A

SB-4B

SB-3A

SB-3B

SB-2A

SB-2B

24

25

26

27

28

23

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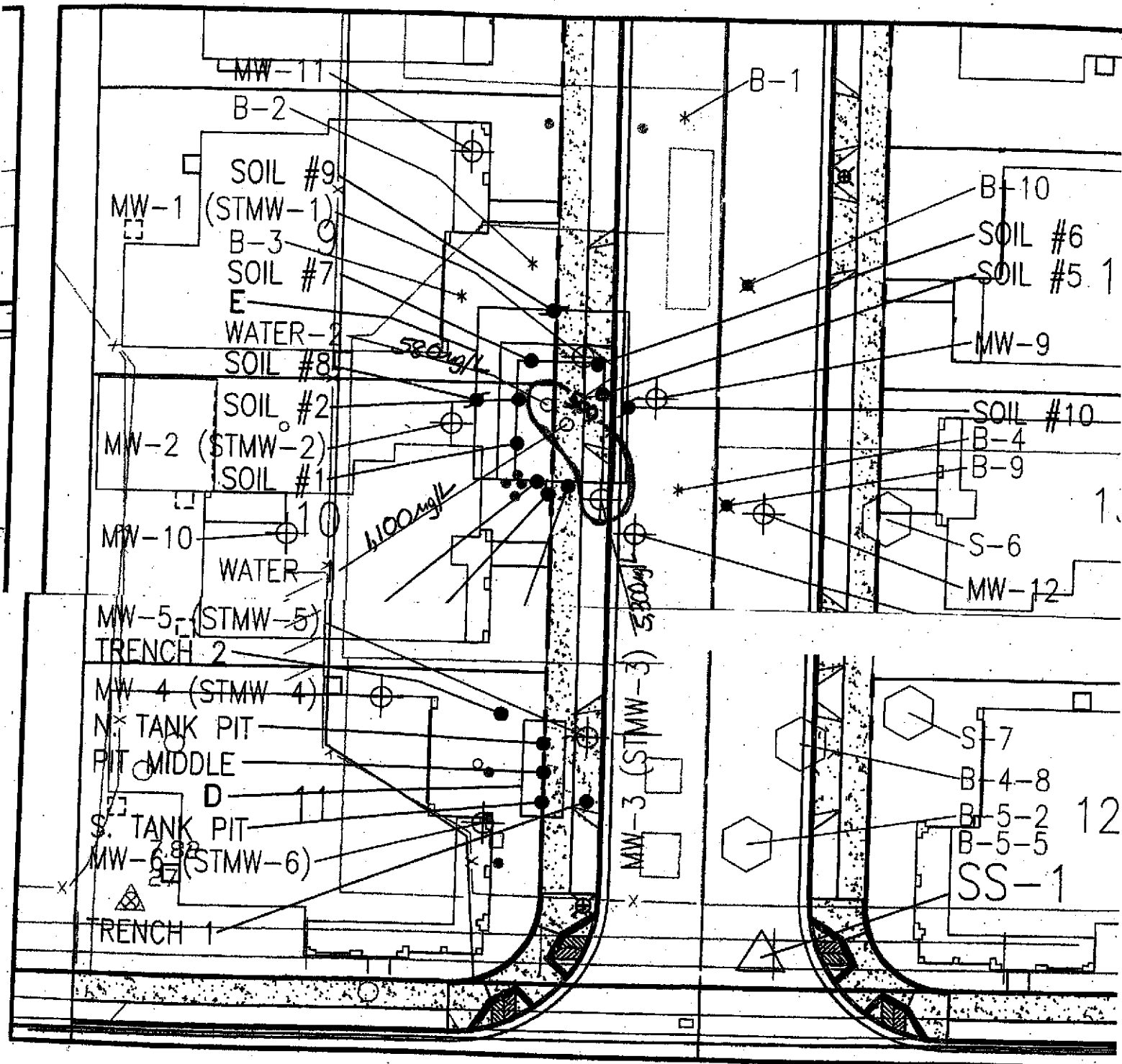


FIGURE 8a - Benzene in Groundwater (Maina Cove Subdivision)

Notes:

1. Only concentrations $> 500 \text{ mg/L}$ are shown.
2. Contours drawn for concentration of 500 mg/L

DETAIL C

SCALE: 1"=30'

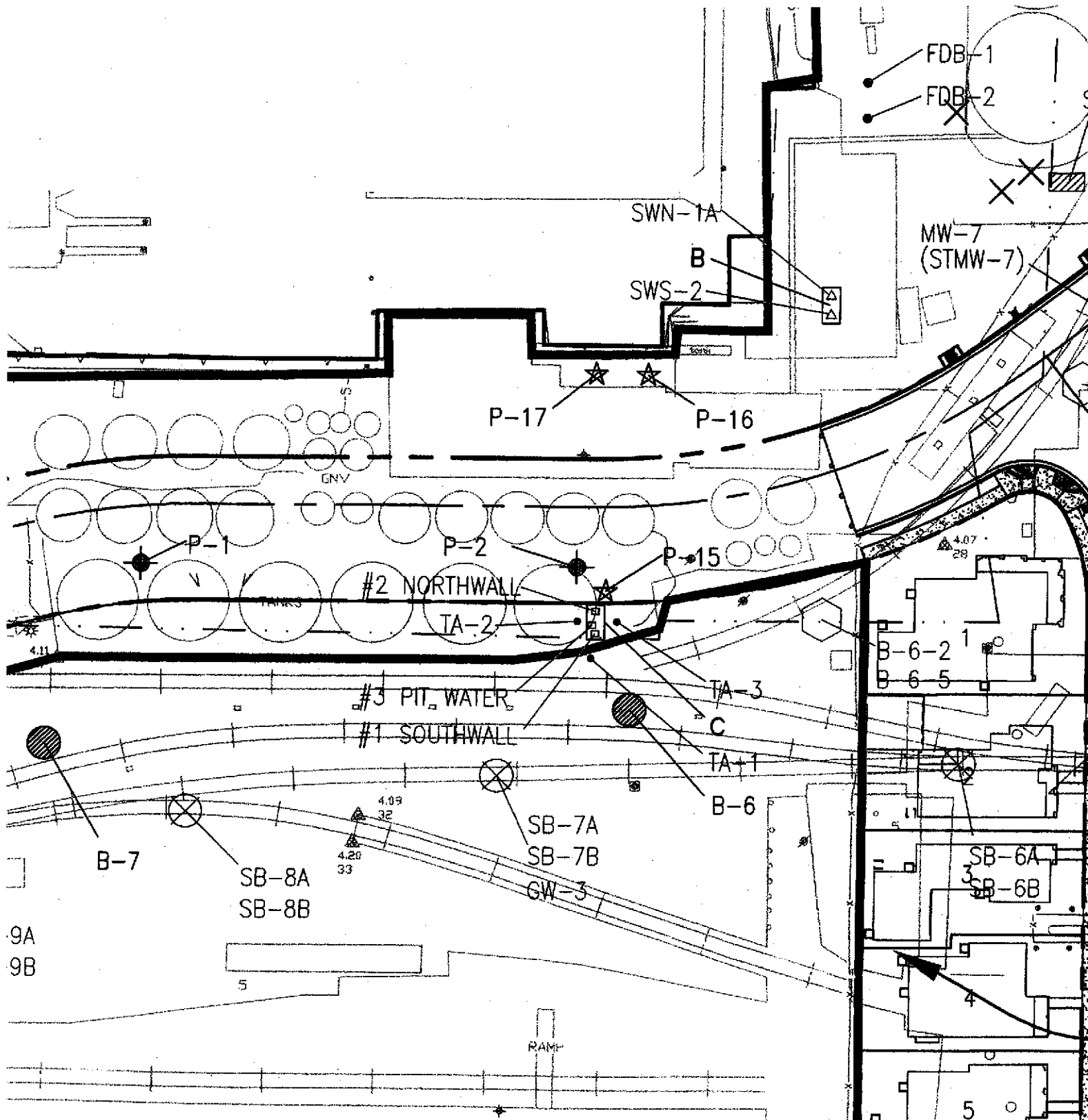


FIGURE 8b - Benzene in Groundwater (Pink Parcel)

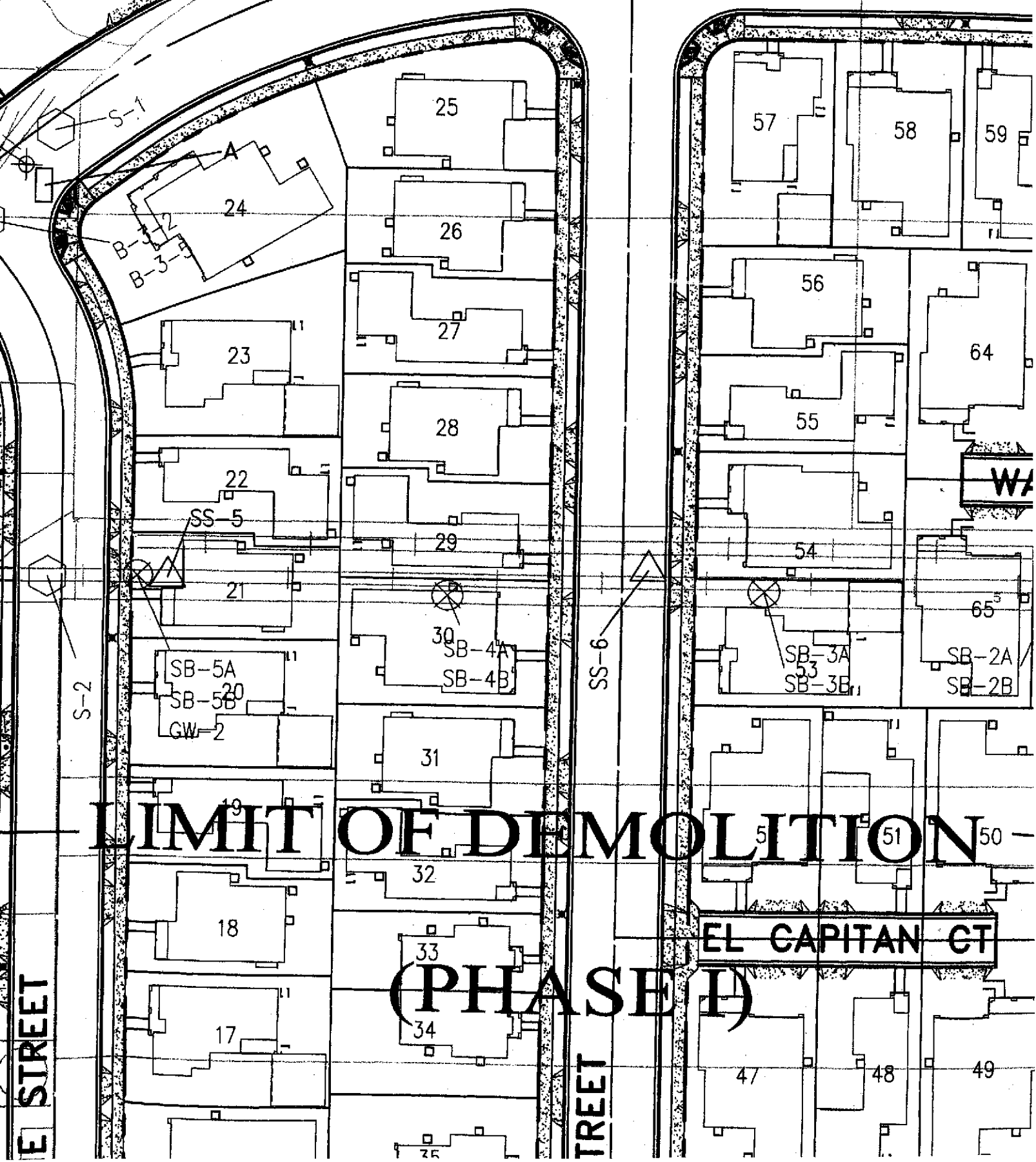
Notes:

1. Only concentrations > 500 µg/L are shown.
2. Contours drawn for concentration of 500 µg/L. DETAIL D.

*All NDs or ≤ 500 µg/L

PUMP "A" (SA)

CLEMENT



LIMIT OF DEMOLITION

EL CAPITAN CT

E STREET

TREET

(PHASE I)

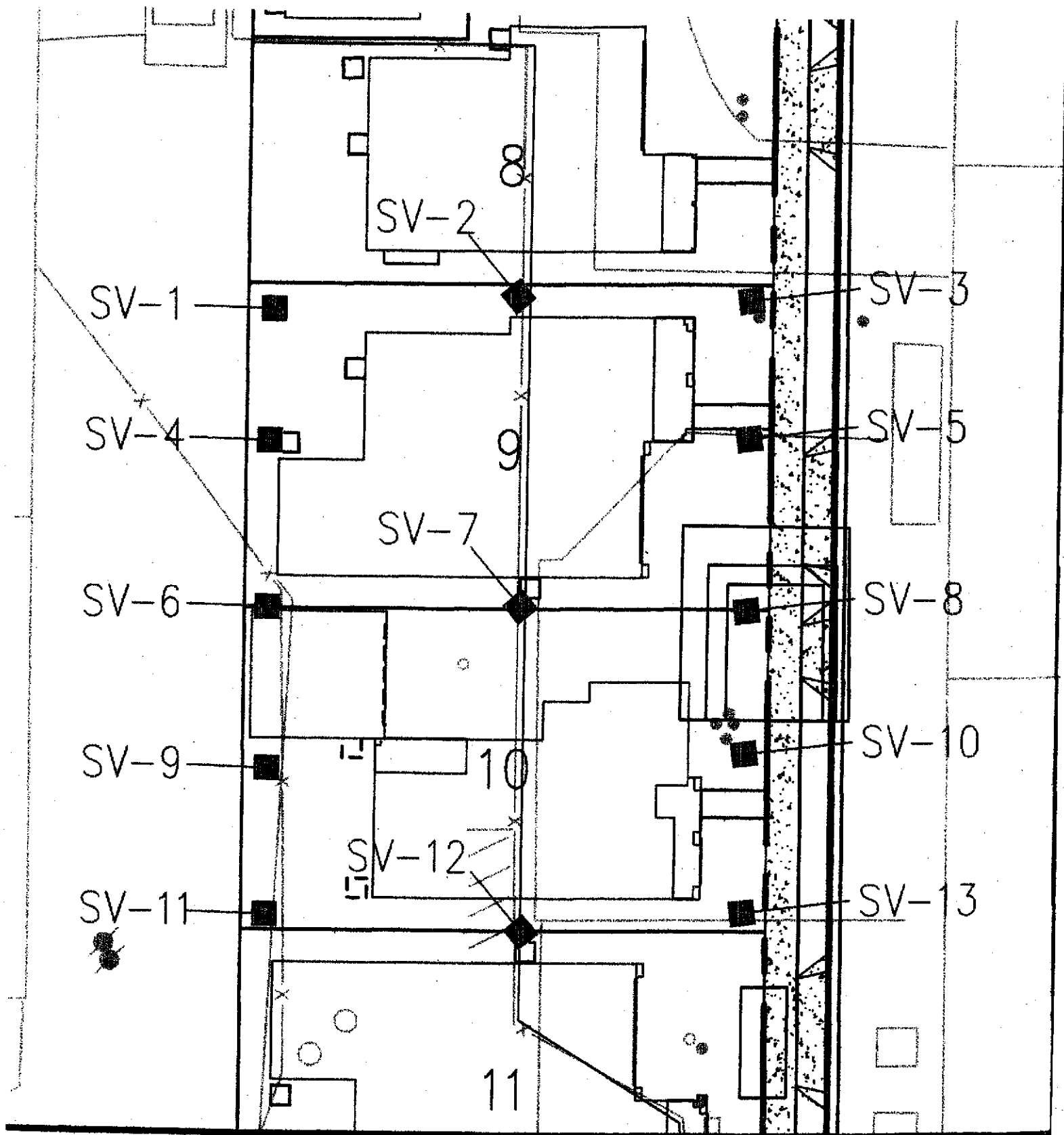


FIGURE 9 - SOIL GAS SAMPLING
RESULTS (Marina Cove
Subdivision)

DETAIL D

* VOCs were ND < 0.2 µg/L of vapor
at all sampling locations

SCALE: 1" = 30'

* TPH was ND < 1 ppmV at all sampling locations

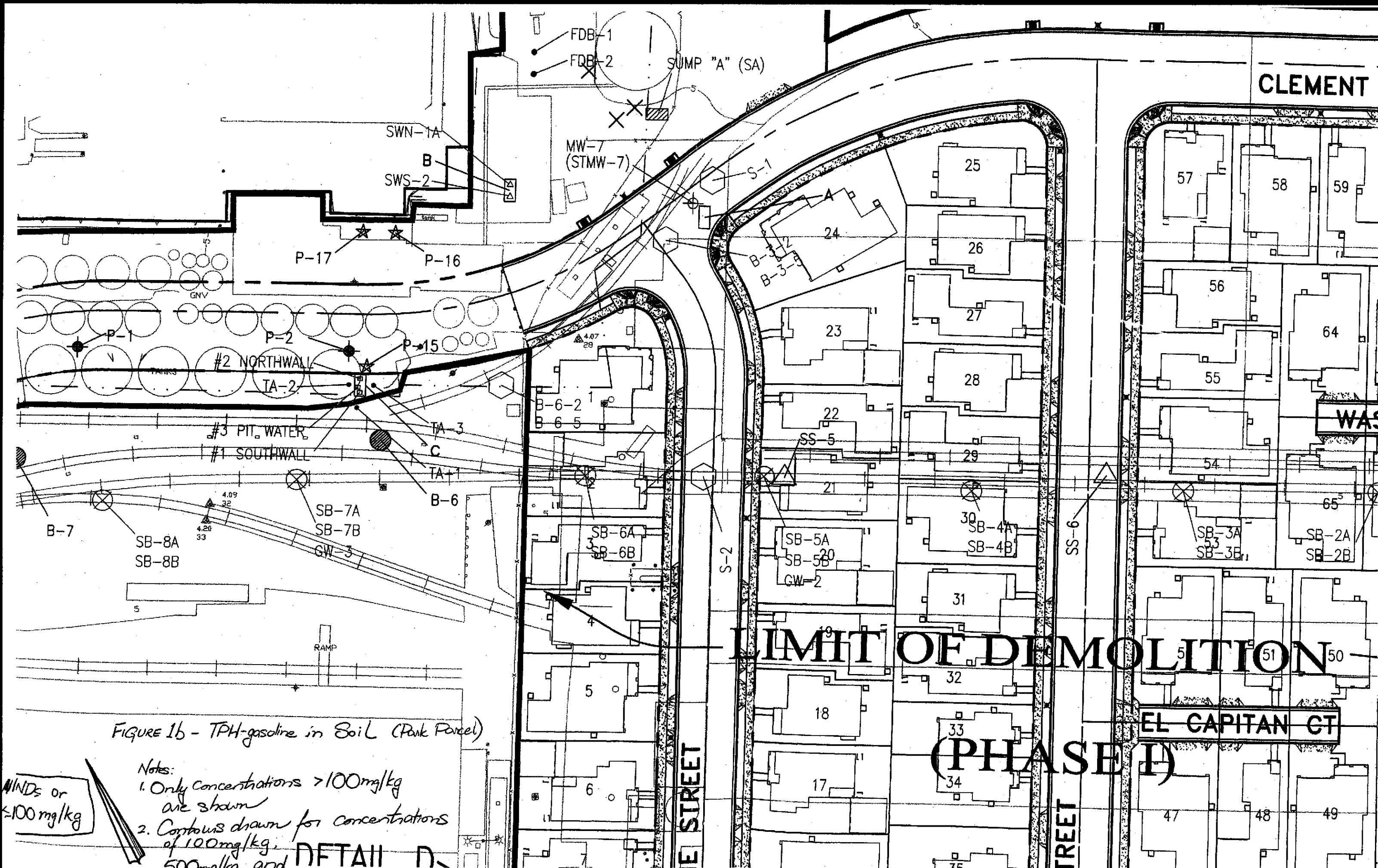


FIGURE 1b - TPH-gasoline in Soil (Park Parcel)

- Notes:
1. Only concentrations $> 100 \text{ mg/kg}$ are shown
 2. Contours drawn for concentrations of 100 mg/kg , 500 mg/kg , and 1000 mg/kg

WINDS or $< 100 \text{ mg/kg}$

DETAIL D

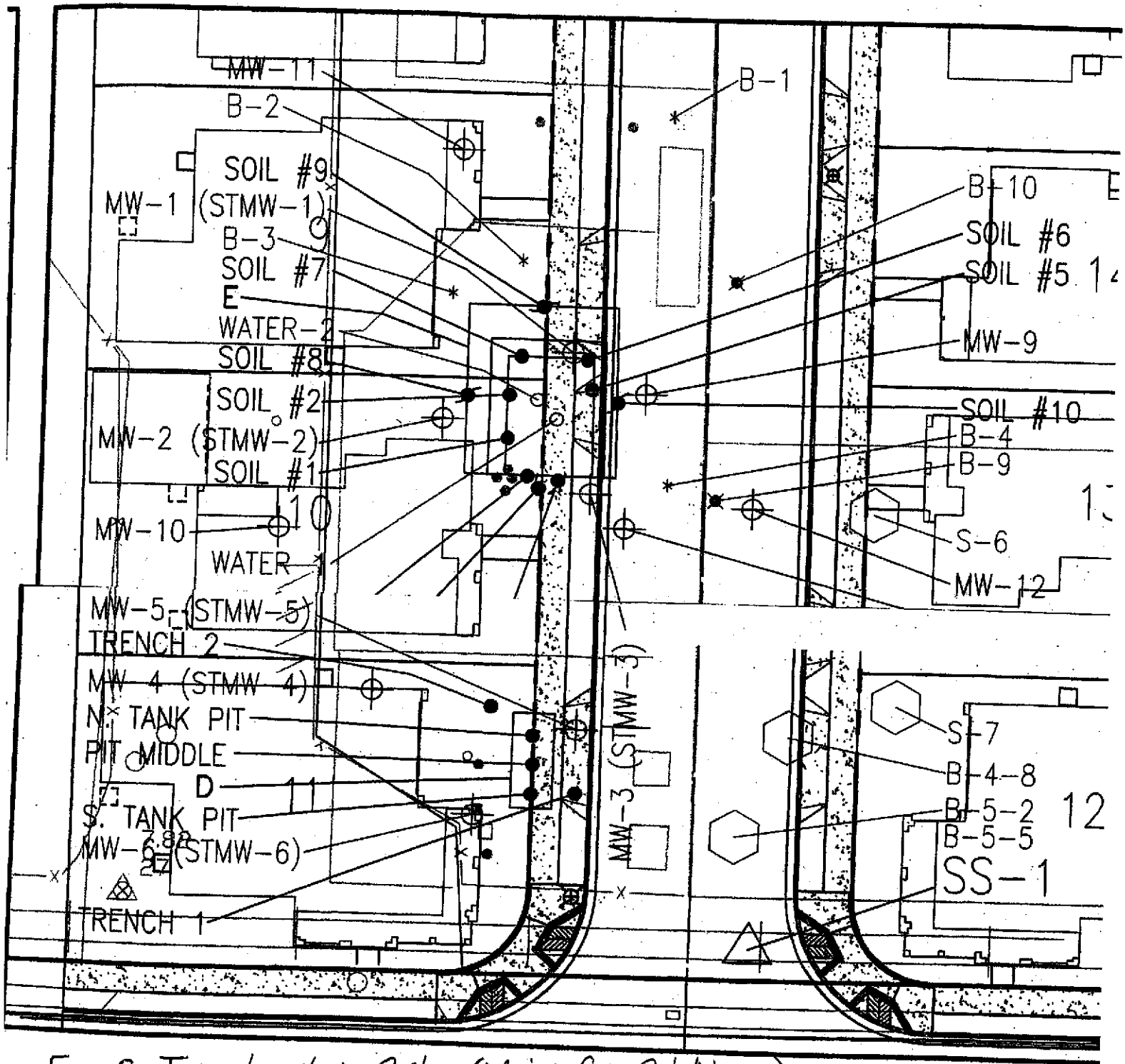


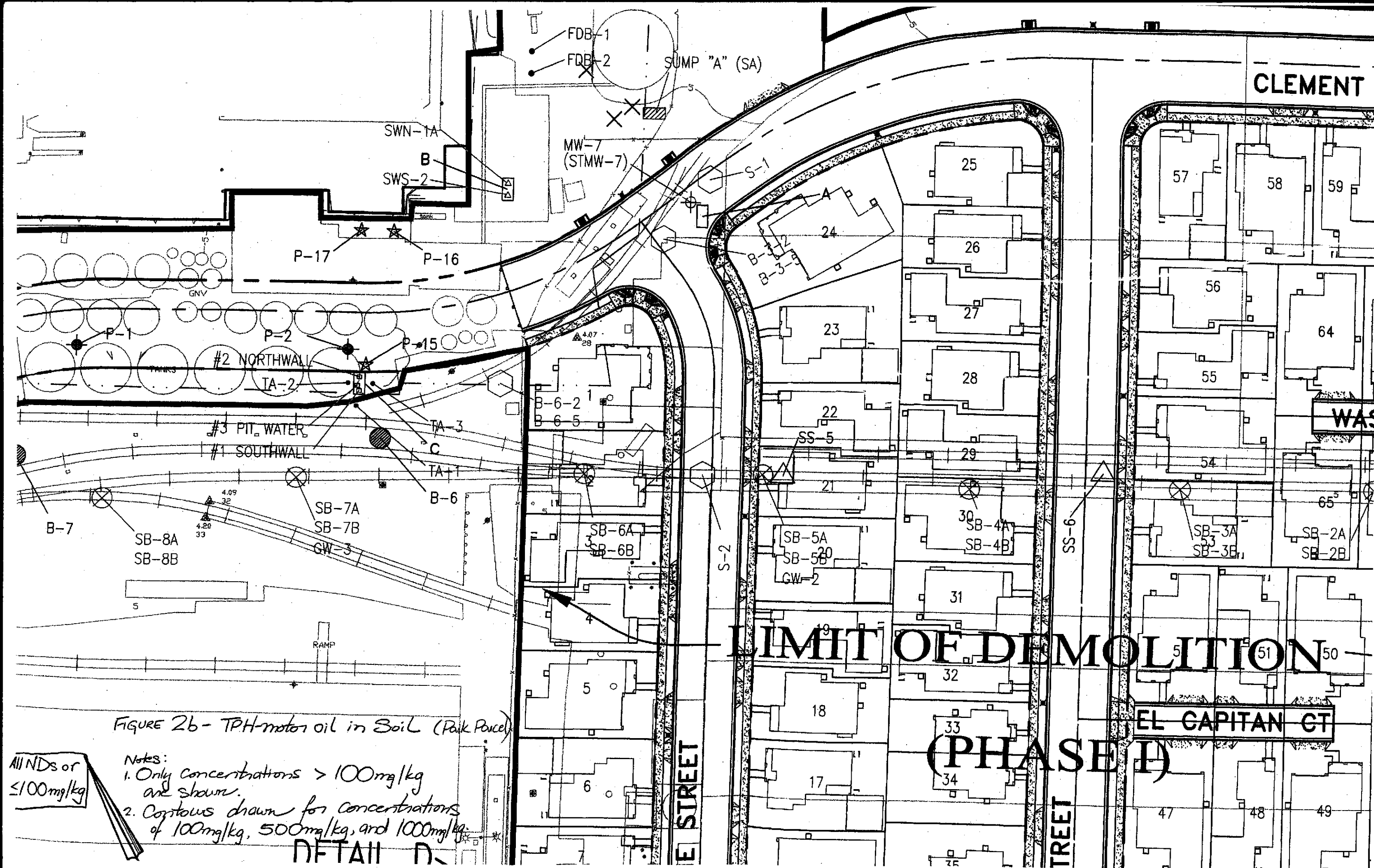
FIGURE 2d-TPH-motor oil in Soil (Mainna Cove Subdivision)

- Notes:
1. Only concentrations $> 100 \text{ mg/kg}$ are shown
 2. Contours drawn for concentrations of 100 mg/kg , 500 mg/kg , and $1,000 \text{ mg/kg}$

DETAIL C

SCALE: 1"=30'

* All NDs or $\leq 100 \text{ mg/kg}$



CLEMENT

WAS

LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

E STREET

TREE STREET

FIGURE 2b - TPH-motor oil in Soil (Park Police)

All NDS or
≤ 100mg/kg

- Notes:
1. Only concentrations > 100mg/kg are shown.
 2. Contours drawn for concentrations of 100mg/kg, 500mg/kg, and 1000mg/kg.

DETAIL D

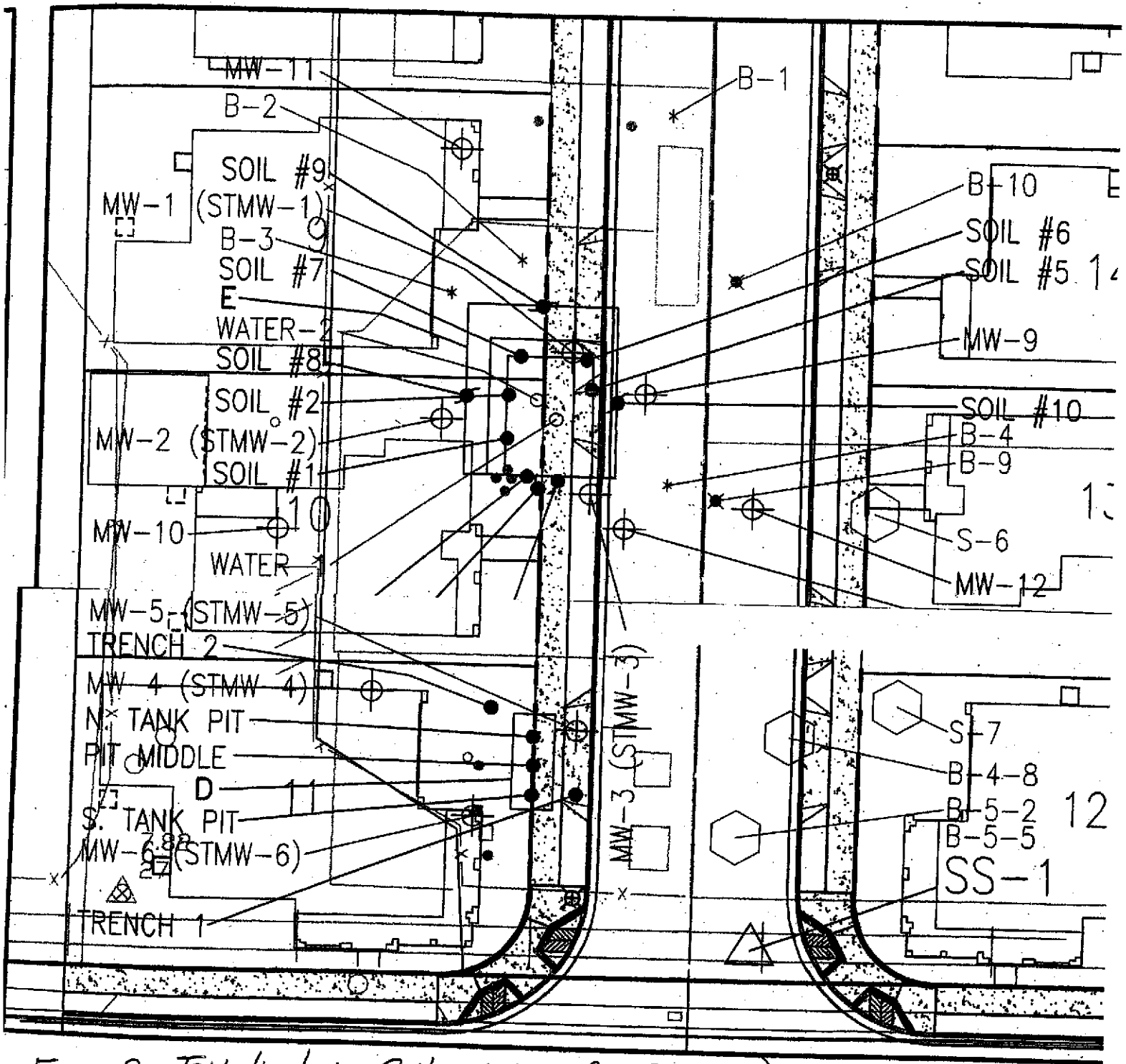


Figure 3a-TPH-diesel in Soil (Muirra Cove Subdivision)

Notes:

1. Only concentrations > 100mg/kg are shown
2. Contours drawn for concentrations SCALE: 1"=30' of 100mg/kg, 500mg/kg, and 1,000mg/kg.

DETAIL C

* All NDs or $\leq 100 \text{ mg/kg}$

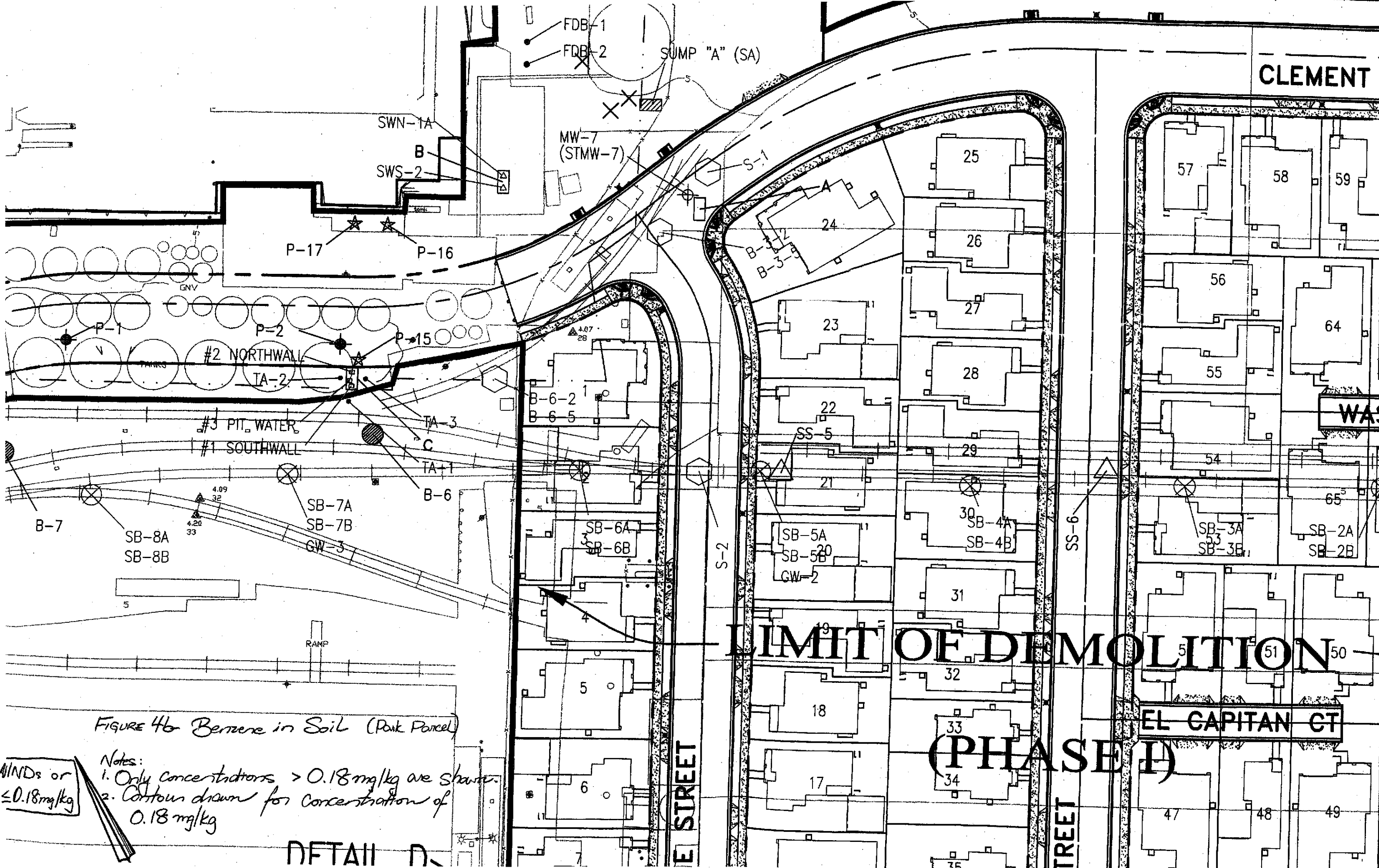


FIGURE 4b Benzene in Soil (Pank Parcel)

Notes:
 1. Only concentrations > 0.18 mg/kg are shown.
 2. Contours drawn for concentration of 0.18 mg/kg

ALLINDs or $\leq 0.18 \text{ mg/kg}$

DETAIL D.

CLEMENT

WAS

LIMIT OF DEMOLITION

(PHASE I)

EL CAPITAN CT

E STREET

TREET

FDB-1
 FDB-2
 SUMP "A" (SA)

SWN-1A

SWS-2

MW-7
 (STMW-7)

P-17

P-16

#2 NORTHWALL
 TA-2

#3 PIT WATER

#1 SOUTHWALL

TA-3

TA-1

B-6

SB-7A

SB-7B

GW-3

B-7

SB-8A

SB-8B

SB-6A

SB-6B

SB-5A

SB-5B

GW-2

SB-4A

SB-4B

SB-3A

SB-3B

SB-2A

SB-2B

S-2

SS-6

S-2

S-2

S-2

S-2

S-2

S-2

S-2

S-2

S-2

S-2

S-2

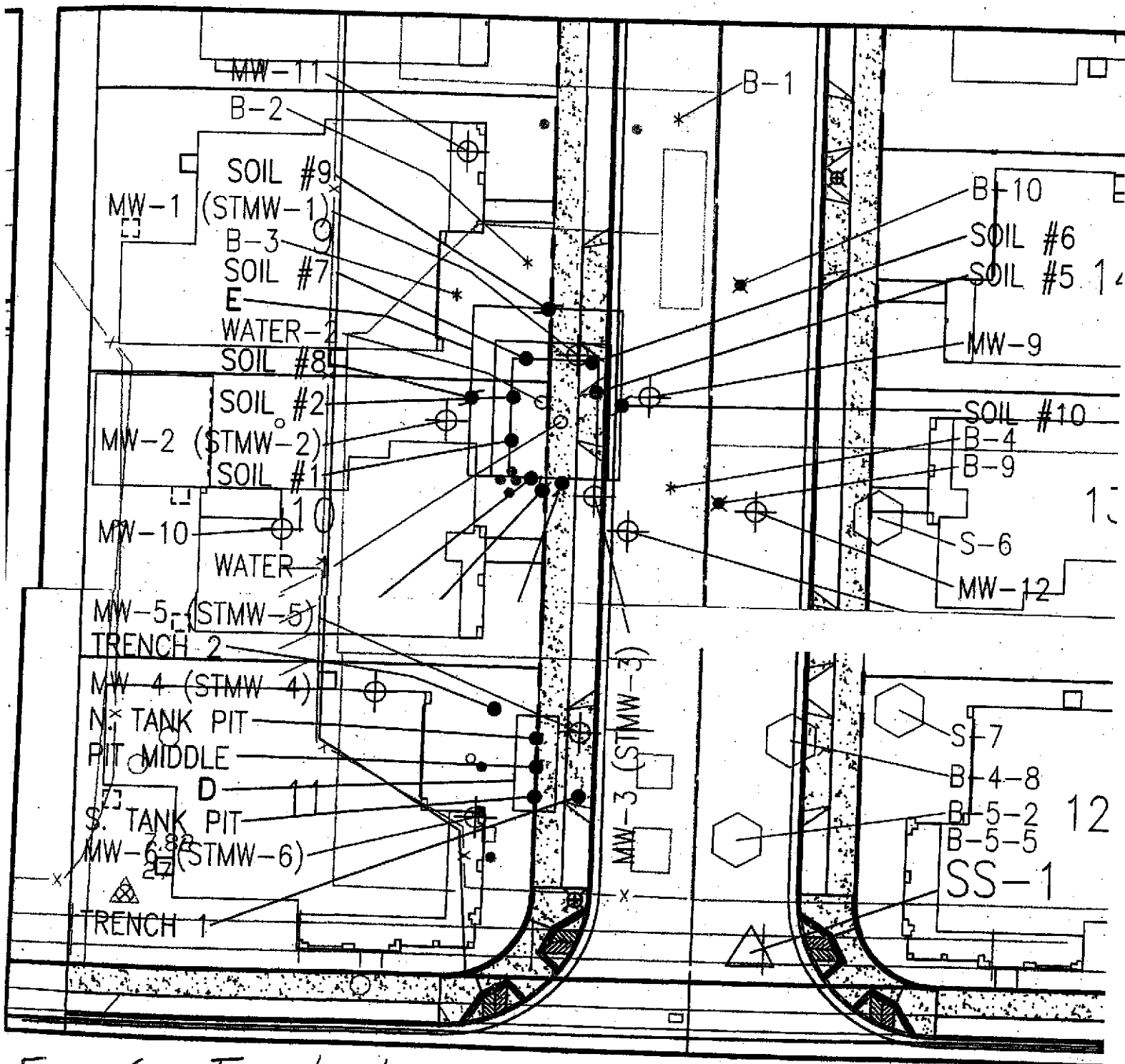


FIGURE 6a - TPH-motor oil in Groundwater (Maina Cove Subdivision)

Notes:

1. Only concentrations > 100 ug/L are shown.

2. Contour drawn for concentration of 100 ug/L.

DETAIL C

SCALE: 1"=30'

* All NDs or $\leq 100 \text{ ug/L}$

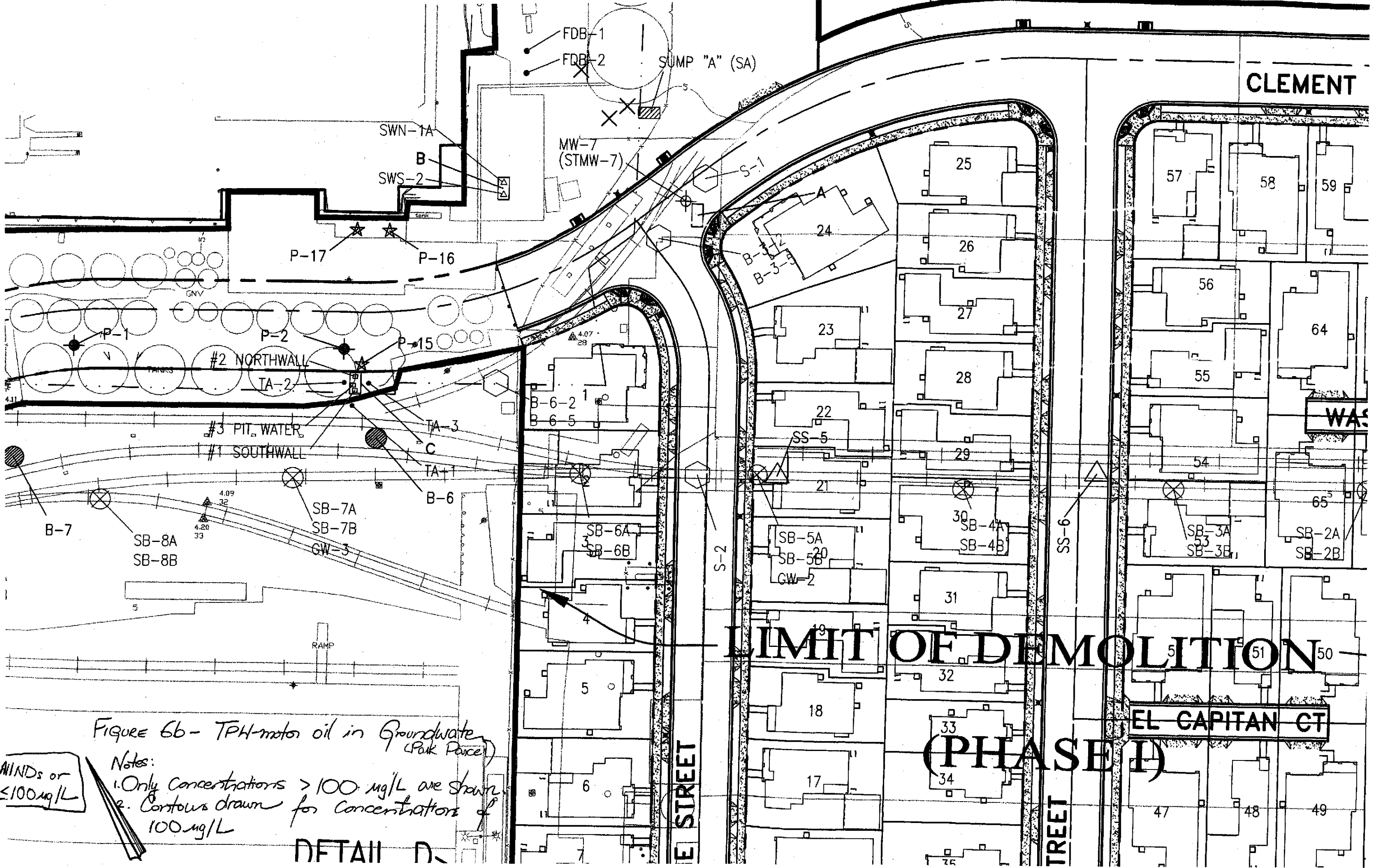


Figure 6b - TPH motor oil in Groundwater (Park Parcel)

- Notes:
1. Only concentrations > 100 mg/L are shown.
 2. Contours drawn for concentrations of 100 mg/L.

ALL INDS or
≤ 100 mg/L

DETAIL D

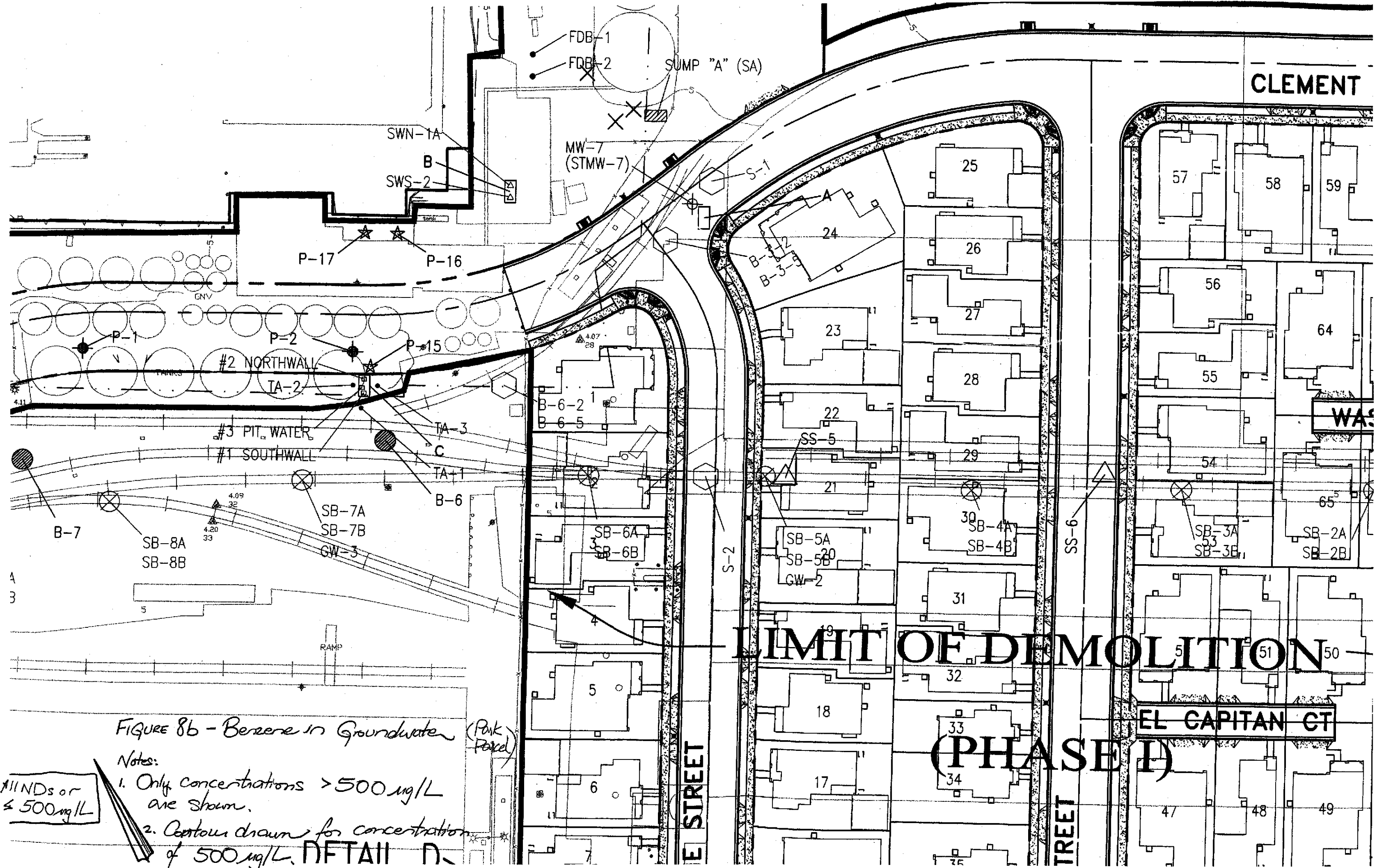
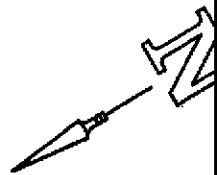


FIGURE 8b - Benzene in Groundwater (Park Parcel)

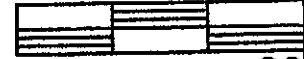
Notes:

1. Only concentrations > 500 µg/L are shown.
2. Contours drawn for concentration of 500 µg/L. DETAIL D.

ALL INDS or ≤ 500 µg/L

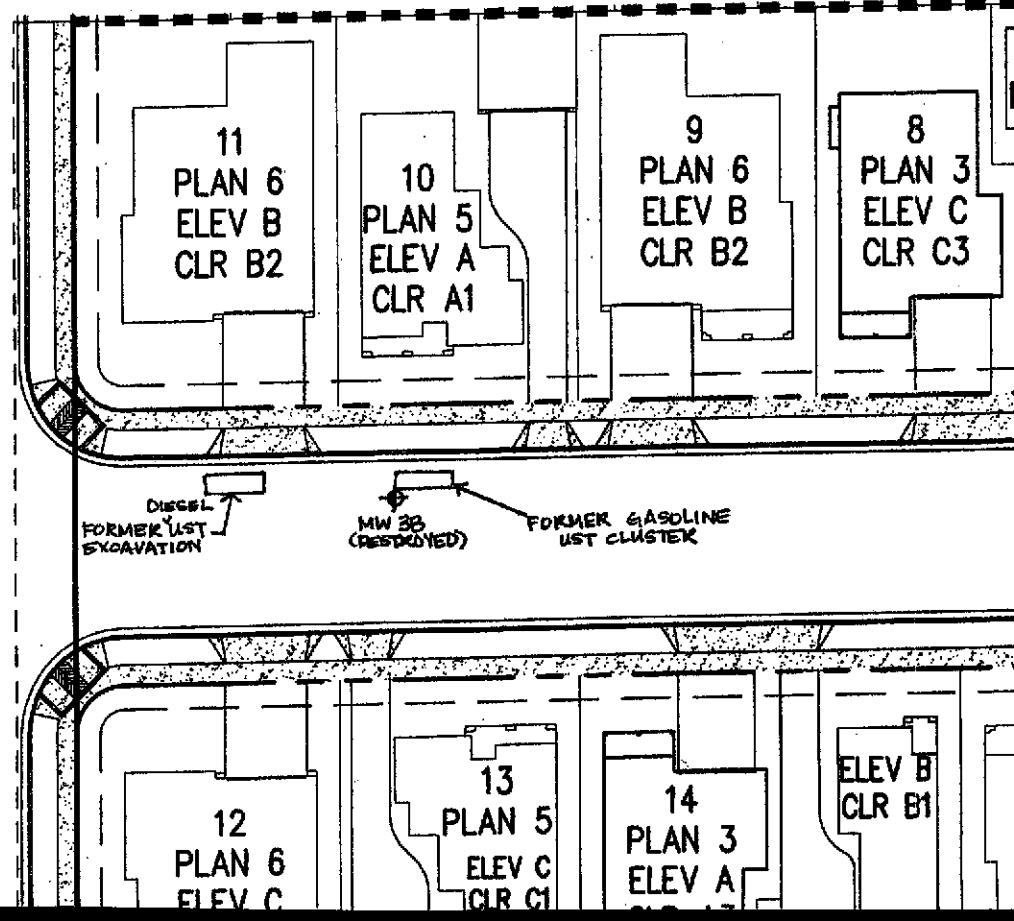


40 20 0



SC

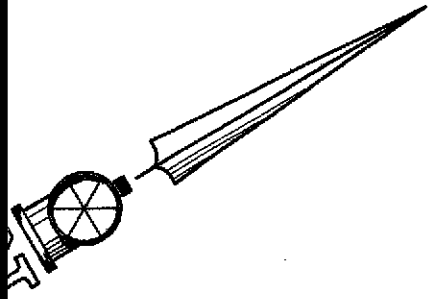
BUENA VISTA



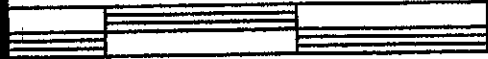
MARINA SUBDIVISION ALAMEDA, CA

ALAMEDA

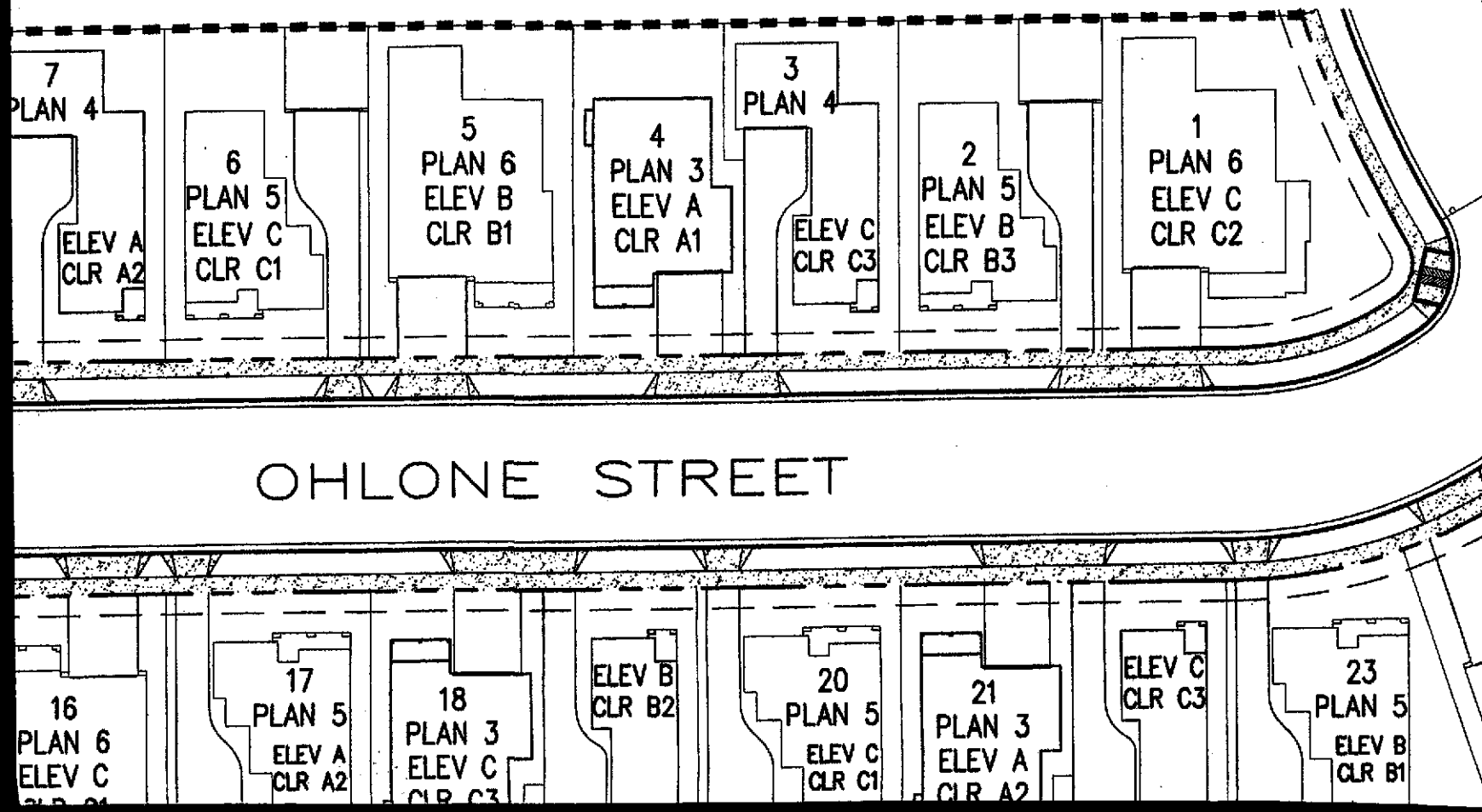
MARCH 20



40 80 120



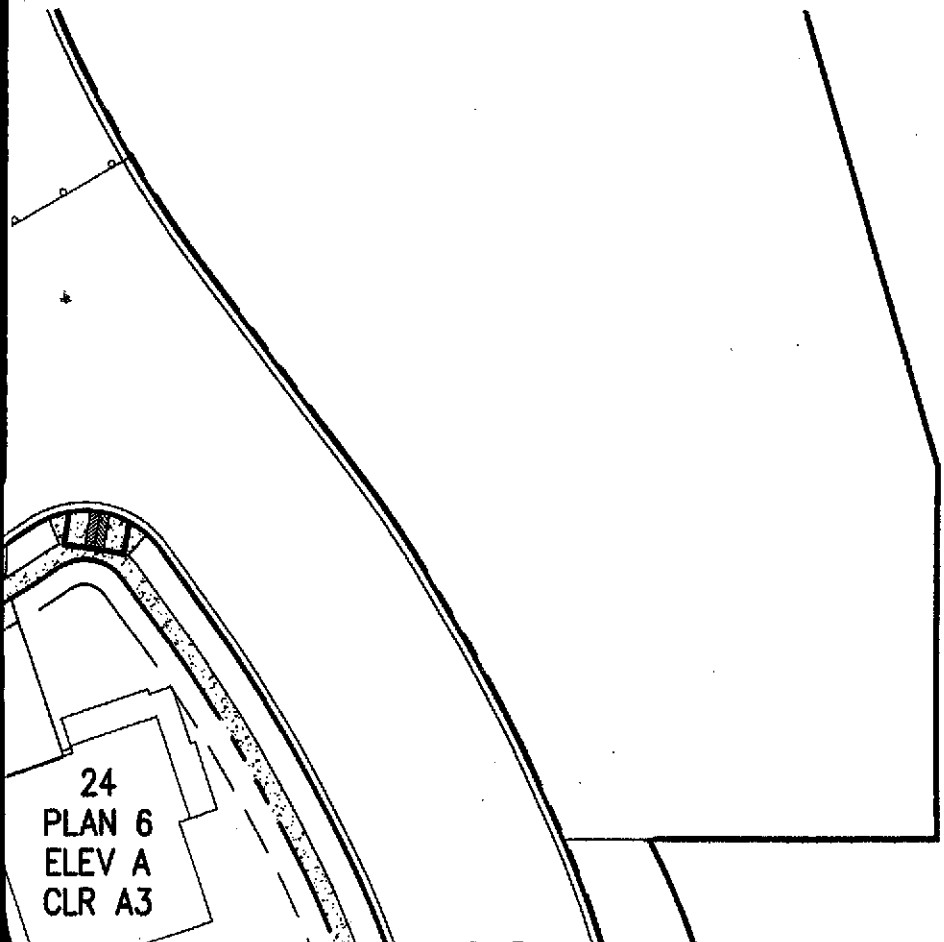
SCALE IN FEET

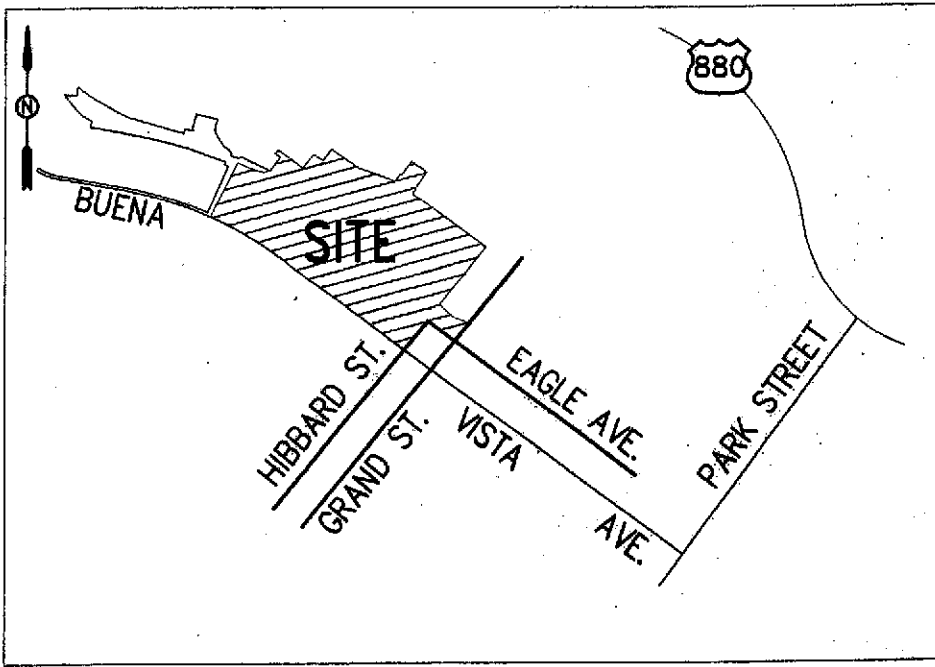


COVE ON 7170 LIFORNIA

CALIFORNIA


01



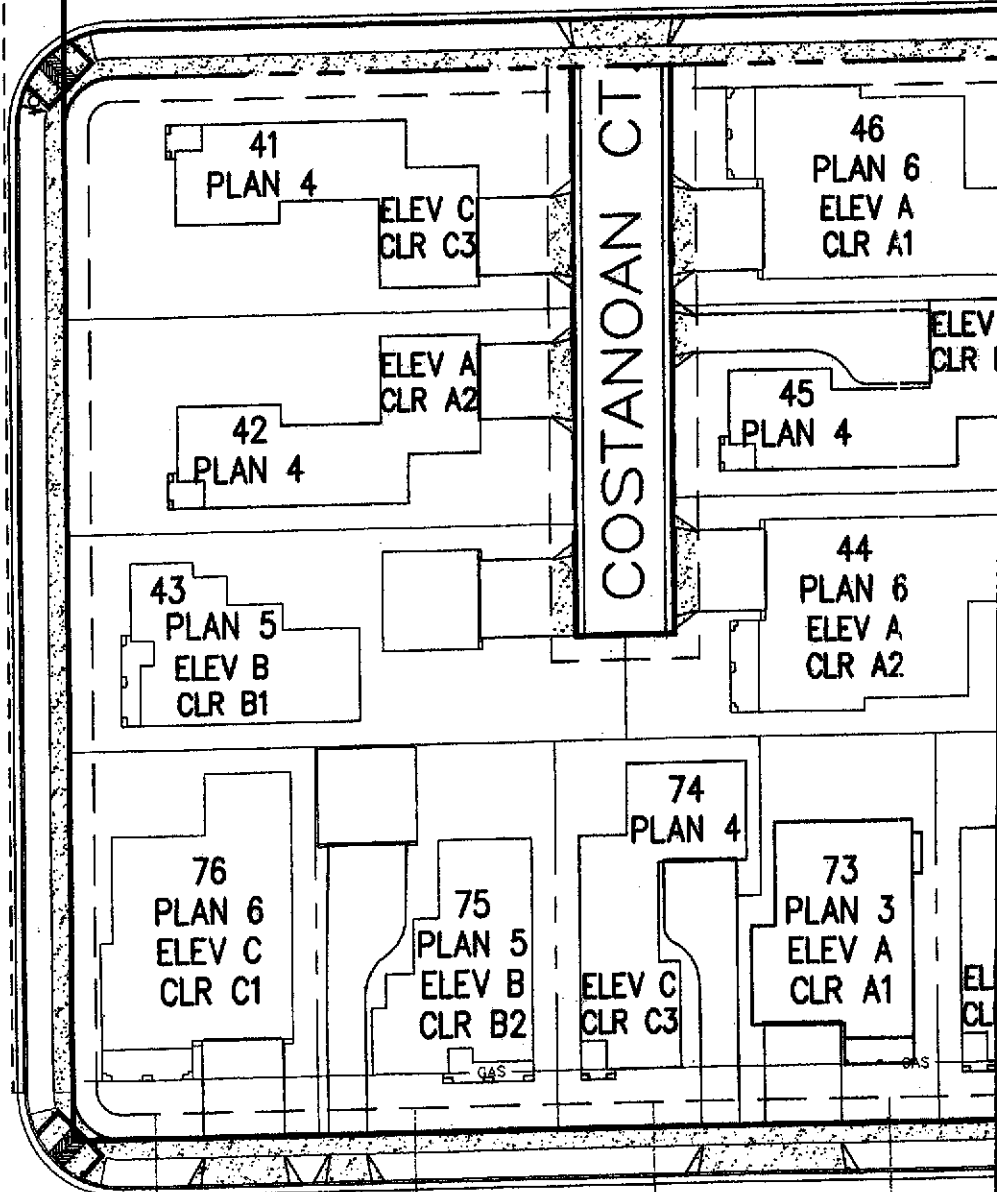
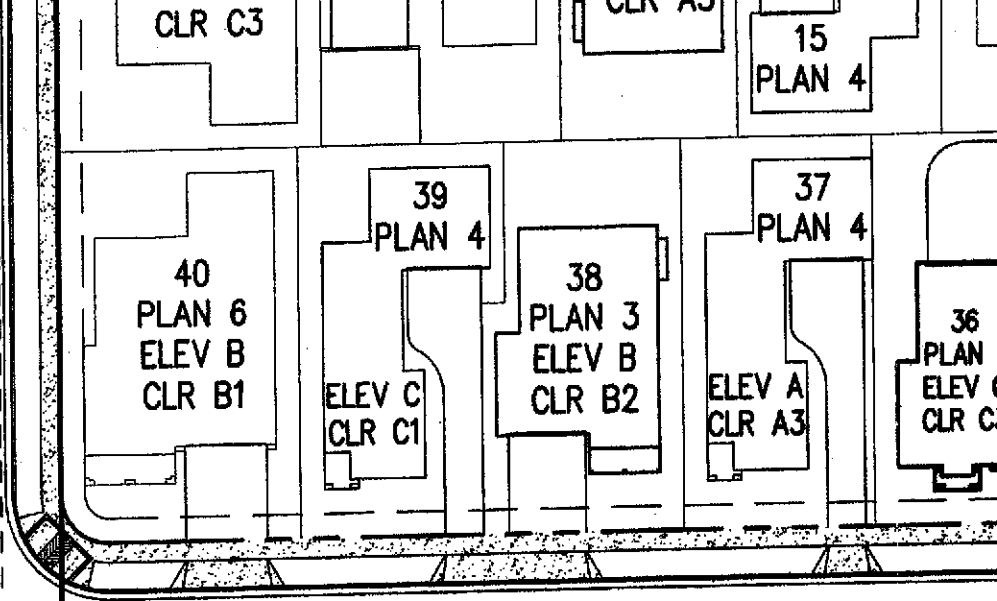


VICINITY MAP

NOT TO SCALE

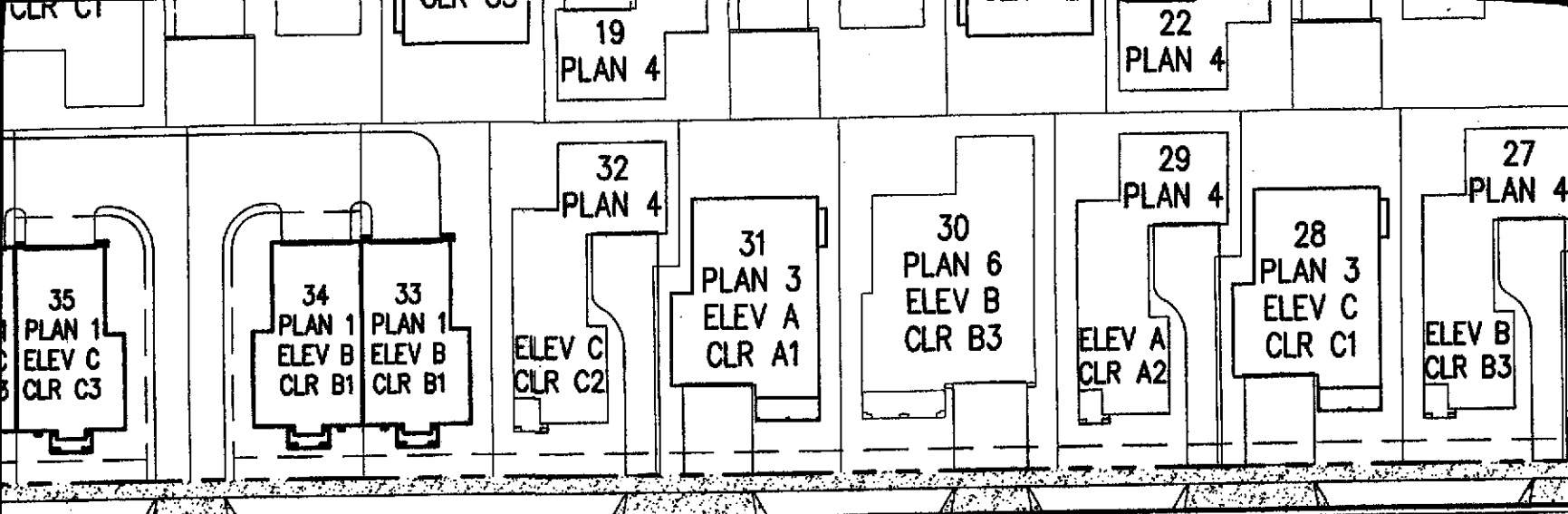
 BELLECCI & ASSOCIATES, INC. • CIVIL ENGINEERING • LAND PLANNING • LAND SURVEYING • 2290 DIAMOND BOULEVARD, SUITE 100 CONCORD, CA. 94520 PHONE (925) 685-4569 FAX (925) 685-4838			BY	DATE	REVISIONS

AVENUE (EXISTING)

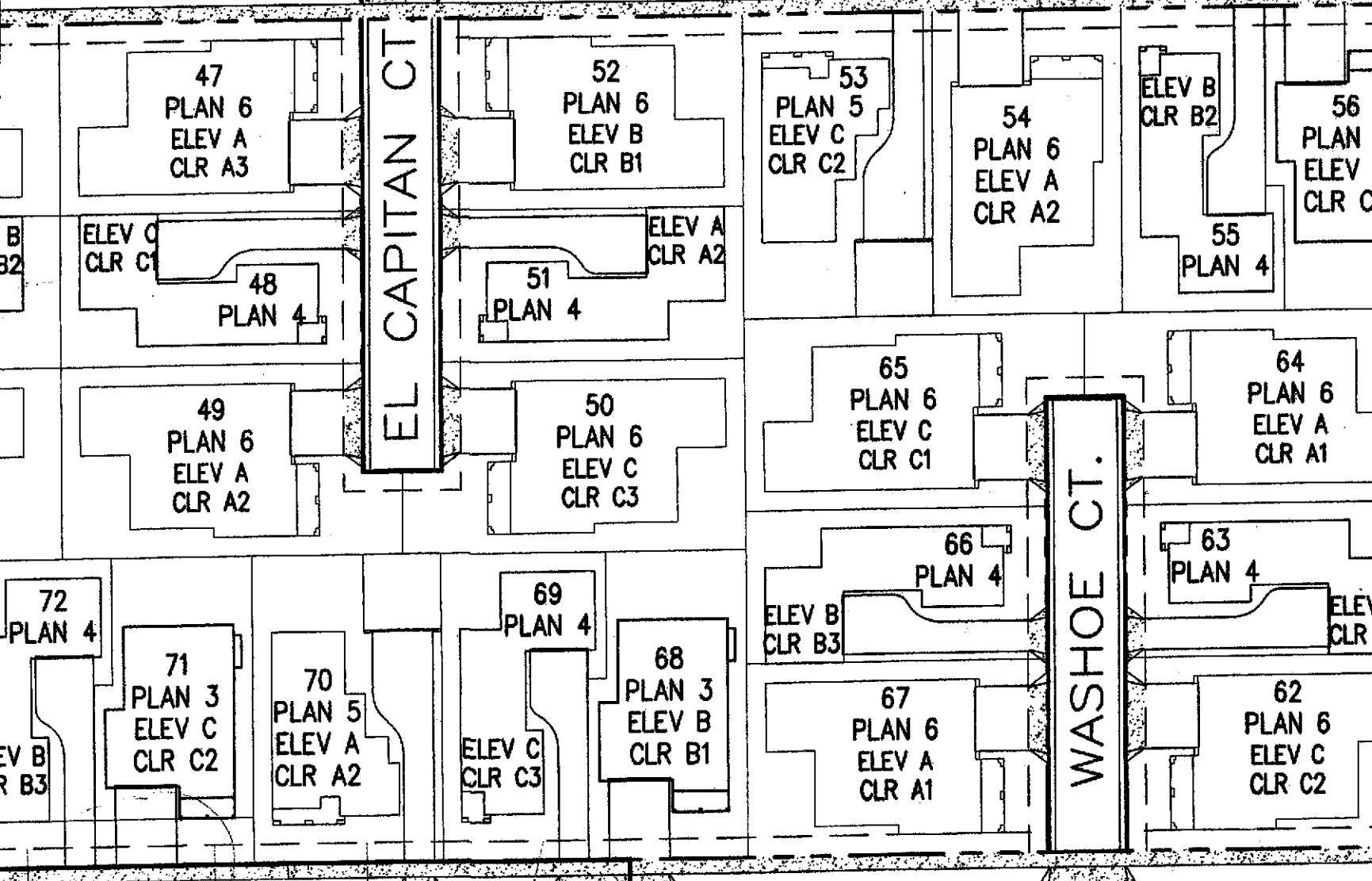


COSTANOAN CT

HIBBARD S (EXISTING)



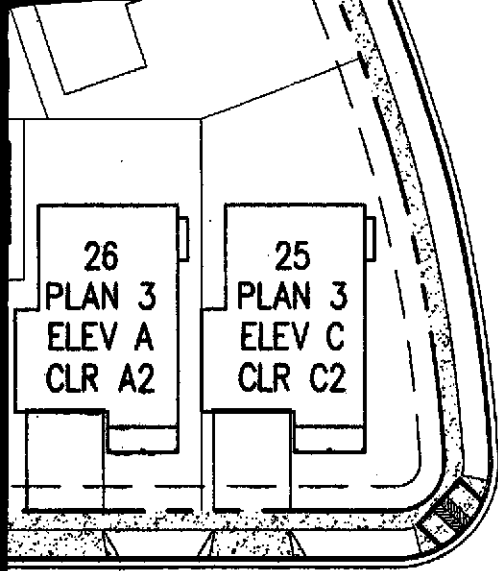
PARU STREET



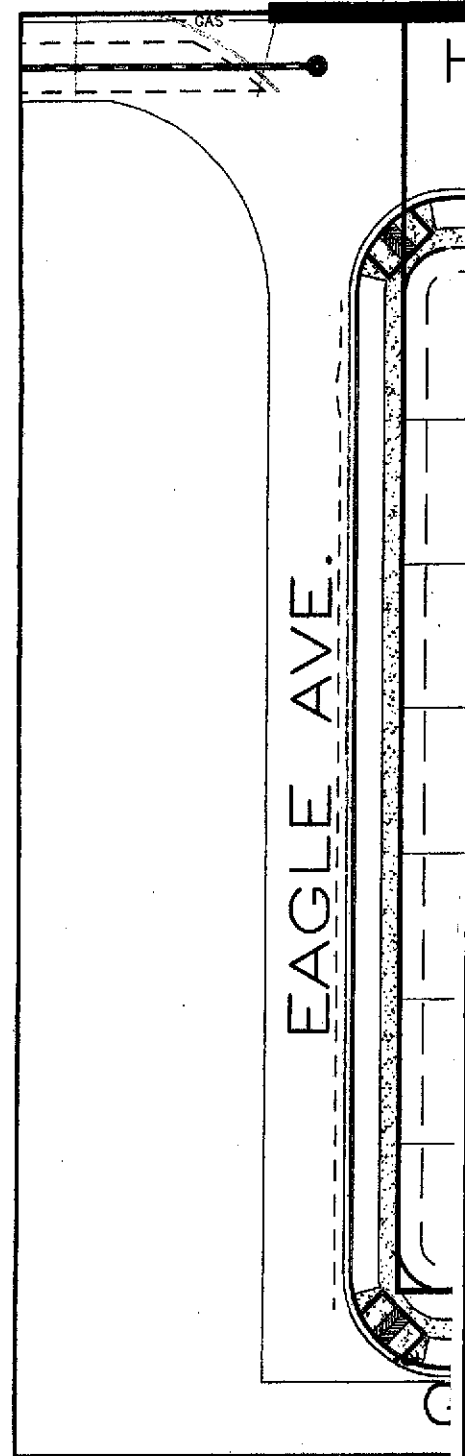
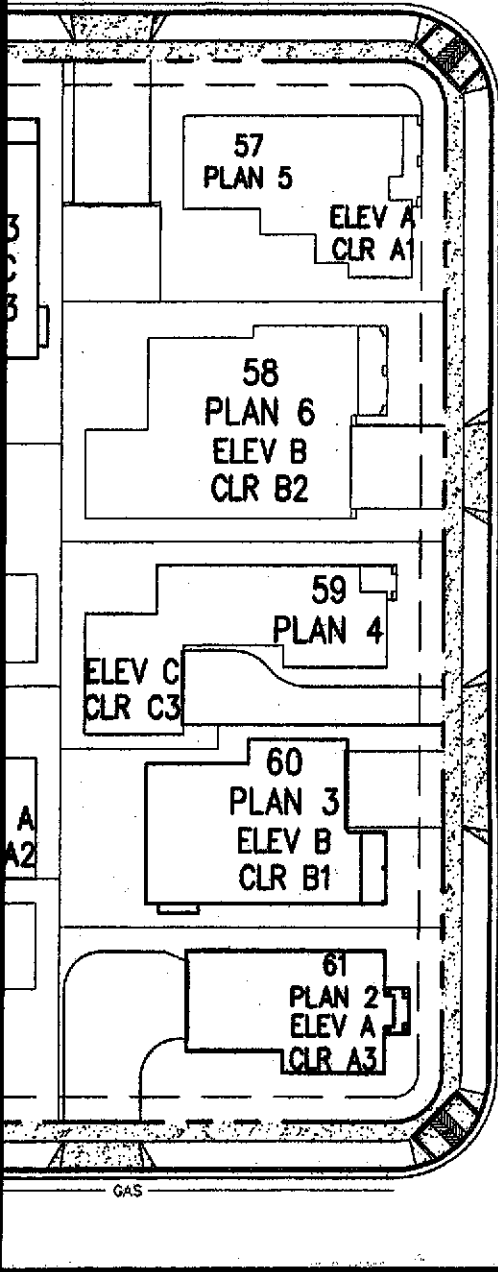
TREET
(G)

HIBBARD STREET

MATCHLINE

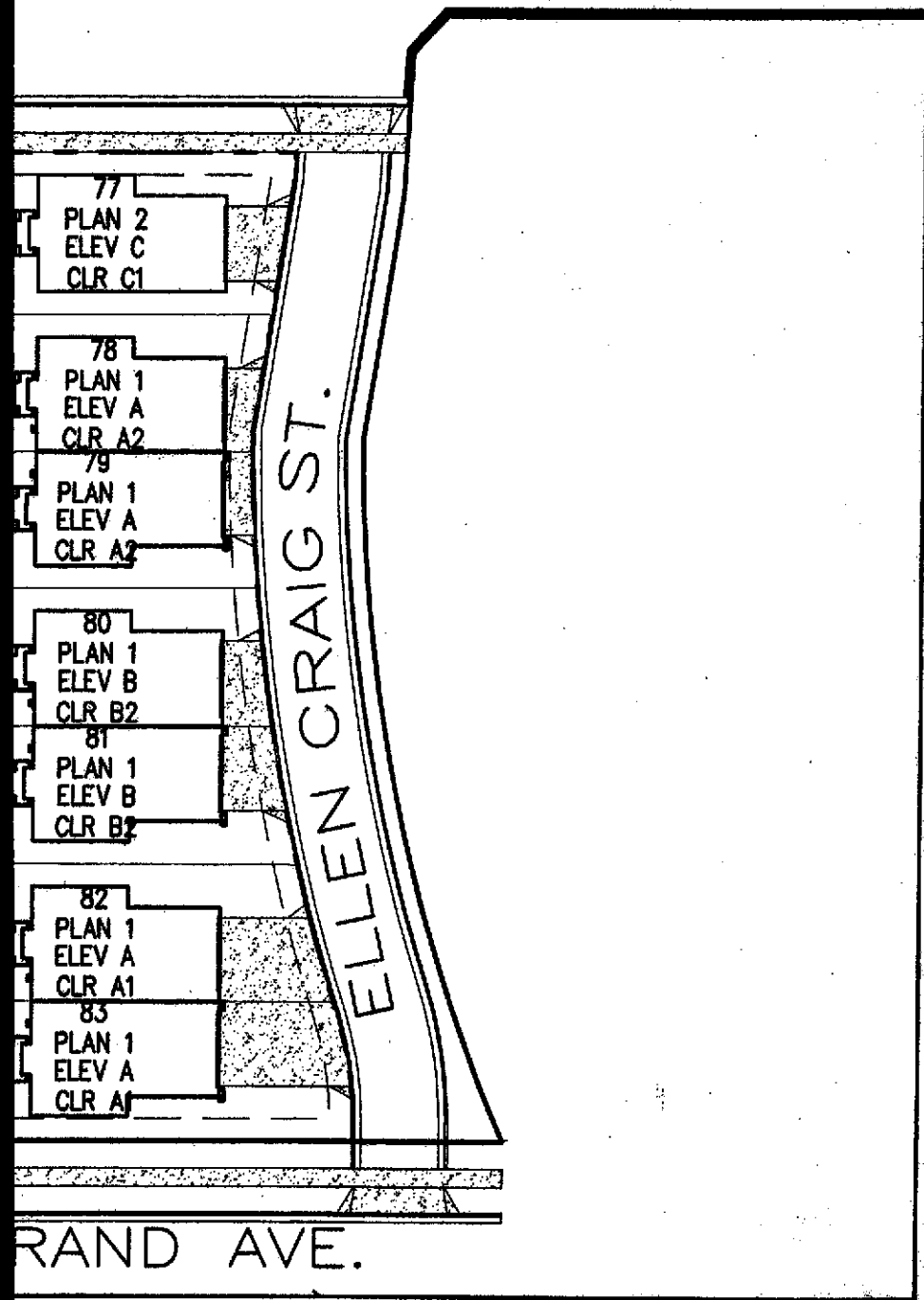


CLEMENT AVE.
(EXTENSION)



MATCHLINE

HIBBARD STREET



GRAND AVE.

MARINA COVE

KB HOME

SUBDIVISION 7170

CALIFORNIA

ALAMEDA COUNTY

ALAMEDA

PLAN TYPE AND ELEVATION

SHEET

1

OF 1

JOB NO.

01018

DEMOLITION NOTES:

1. OWNER: KB HOME SOUTH BAY, INC. 15.
JOE SORDI, MANAGER
6700 KOLL CENTER PARKWAY, SUITE 200 16.
PLEASANTON, CA 9456
PHONE: (925) 750-1800
2. CIVIL ENGINEER: BELLECCI AND ASSOCIATES, INC. 17.
2290 DIAMOND BOULEVARD, SUITE 100
CONCORD, CA 94520
PHONE: (925) 685-4569
3. SOILS ENGINEER: LOWNEY ASSOCIATES 18.
2258 CAMINO RAMON
SAN RAMON, CA 94583
PHONE: (925) 275-2550
4. ALL UTILITIES TO BE PROPERLY DISCONNECTED AND CAPPED AT THEIR RESPECTIVE MAINS. TRENCHES CUT FOR REMOVAL SHALL BE REPAVED IN CONFORMANCE WITH CITY STANDARD DRAWING 2930 CASE 22, STANDARD SECTION FOR REPAVING TRENCHES.
5. ALL DEMOLITION AND CONSTRUCTION SHALL UTILIZE THE BEST MANAGEMENT PRACTICES FOR EROSION CONTROL, SEDIMENT CONTROL, AND DUST CONTROL. CONTRACTOR SHALL REFER TO THE STORM WATER POLLUTION PREVENTION PLAN AND THE EROSION CONTROL PLAN FOR DETAILS.
6. CONTRACTOR SHALL DEMOLISH ALL STRUCTURES AND APPURTENANCES, TREES, AND VEGETATION AS INDICATED ON THIS PLAN.
7. SEE TITLE REPORT FOR NATURE AND LOCATION OF EXISTING EASEMENTS.
8. CONTRACTOR SHALL IMPLEMENT NECESSARY MEASURES TO PREVENT DAMAGE TO NEIGHBORING PROPERTIES, STRUCTURES, AND UTILITY POLES.
9. CONTRACTOR SHALL IMPLEMENT MEASURES TO ENSURE THE SAFETY OF THE GENERAL PUBLIC ADJACENT TO THE DEMOLITION SITE.
10. CONTRACTOR SHALL PROTECT AND PRESERVE EXISTING HISTORIC STREET LIGHTS ALONG BUENA VISTA AVENUE. IF STREET LIGHTS MUST BE MOVED, CONTRACTOR SHALL SALVAGE AND REINSTALL THEM. AP&T SHALL BE NOTIFIED PRIOR TO REMOVAL AND TEMPORARY LIGHTING SHALL BE INSTALLED.
11. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT TWO WORKING DAY PRIOR ANY DIGGING. UTILITIES THAT NEED TO BE REMOVED THAT HAVE NOT BEEN SHOWN SHALL BE PROPERLY DISCONNECTED AND CAPPED AT THEIR RESPECTIVE MAINS.
12. ANTICIPATED START OF ENTIRE SITE DEMOLITION - MARCH 9, 2001
ANTICIPATED COMPLETION DATE OF ENTIRE SITE DEMOLITION - JULY 30, 2001
13. ENTIRE DEMOLITION PERIMETER TO BE FENCED.
14. IN LOCATIONS WHERE TREE WILL BE SAVED PROTECTIVE TREE FENCING MAY BE REQUIRED.



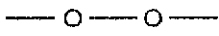
UPON COMPLETION OF WAREHOUSE DEMOLITION, ALL DEPRESSIONS CREATED SHALL BE FILLED AND ROUGH GRADED USING ON-SITE MATERIAL.

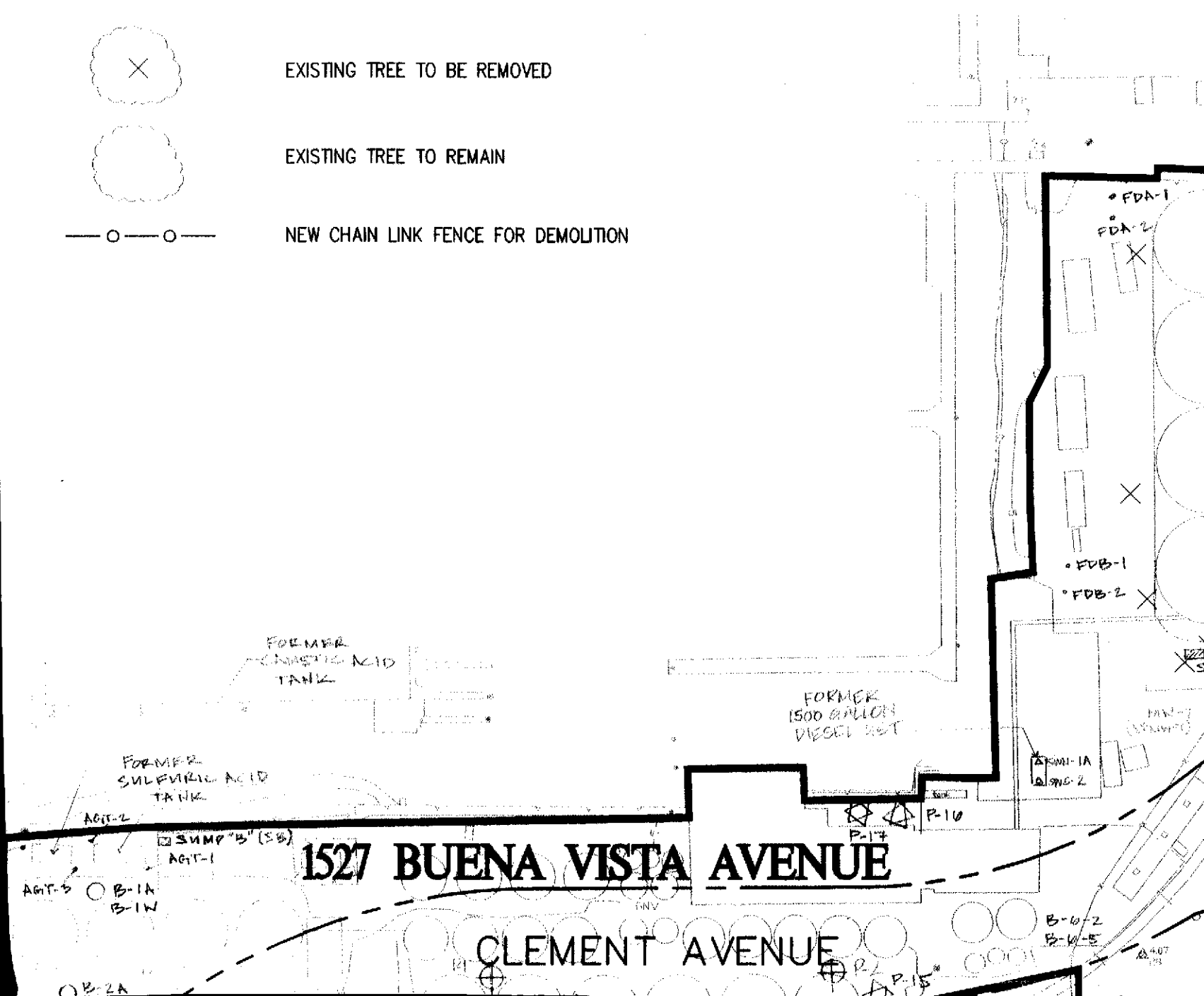
UPON REMOVAL OF TEMPORARY PEDESTRIAN BARRICADES, SIDEWALK SHALL BE RECONSTRUCTED TO NEAREST SCORE MARKS PER CITY STANDARD PLAN 6297-24, EXCEPT THAT RECONSTRUCTED SIDEWALK SHALL BE DOWELED INTO EXISTING SIDEWALK WITH 6" #4, 3" EMBEDMENT WITH EPOXY GROUT, ONE PER SIDE.

REMOVE EXISTING CROSSWALK STRIPING AT TIME OF CLOSURE BY GRINDING OR OTHER ACCEPTABLE MEANS (NO PAINTING ALLOWED). RESTRIPE IN-KIND TO THE SATISFACTION OF THE CITY ENGINEER UPON COMPLETION OF THE DEMOLITION.

BACKFILLING OF LOW AREAS WITH SOIL SHALL BE IN COMPACTED LAYERS IN ACCORDANCE TO THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.

LEGEND

-  EXISTING TREE TO BE REMOVED
-  EXISTING TREE TO REMAIN
-  NEW CHAIN LINK FENCE FOR DEMOLITION



MP "A" (SN)

S-1
B-3-2
B-3-5

SEMI-COMM. 1st & 2nd
VICINITY. 1st

24

25

26

23

1537 BUENA VISTA AVENUE

57

58

59

60

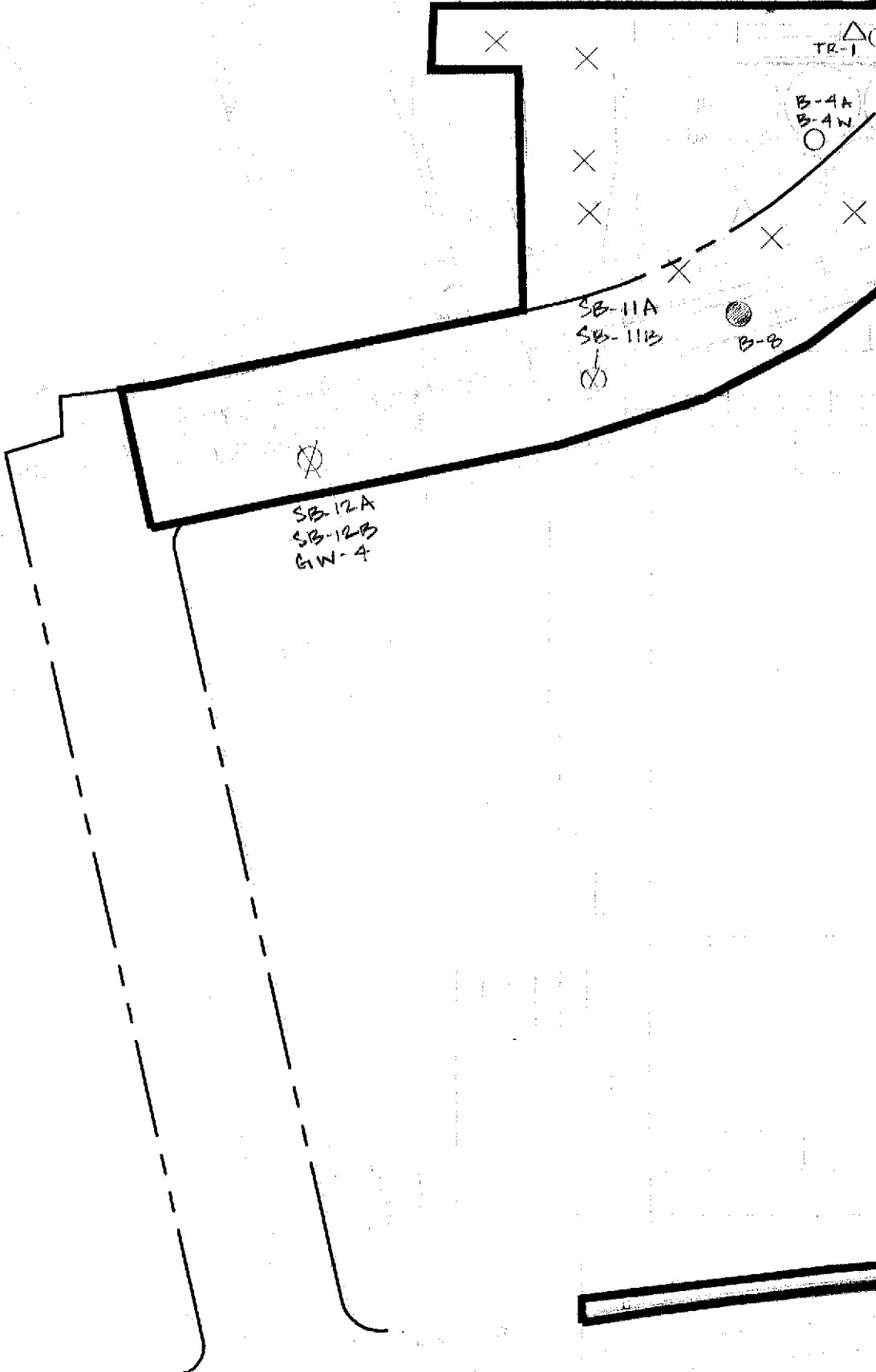
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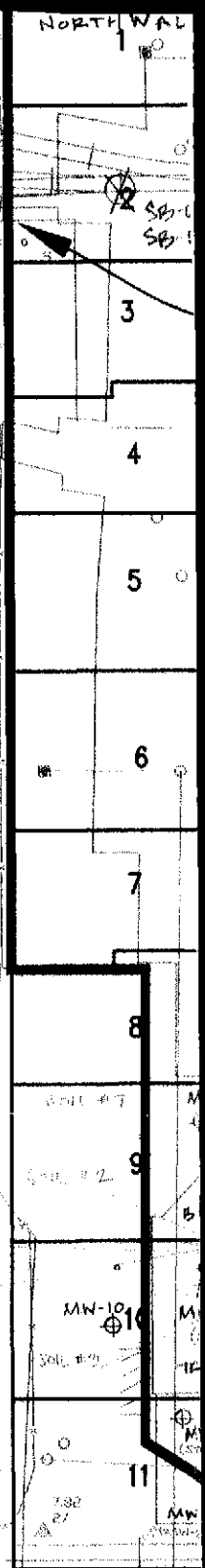
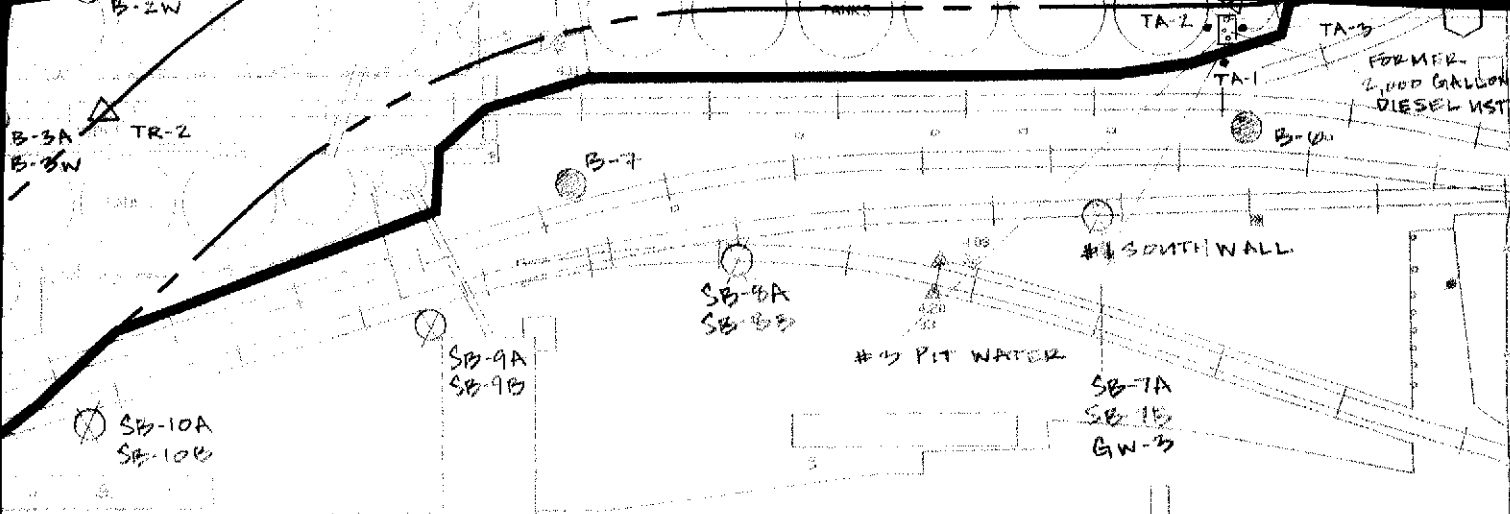
56

55

62

B-2
B-2
W-





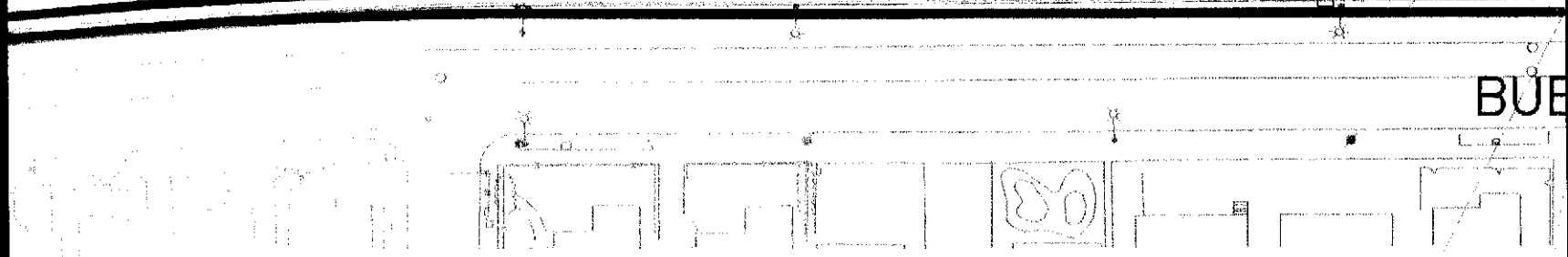
PHASE II (FUTURE)

FORMER
GASOLINE
UST CLUSTER

WATER-2

GNV

PIT MIDDLE



FORMER 20,000
DIESEL UST

S. TANK

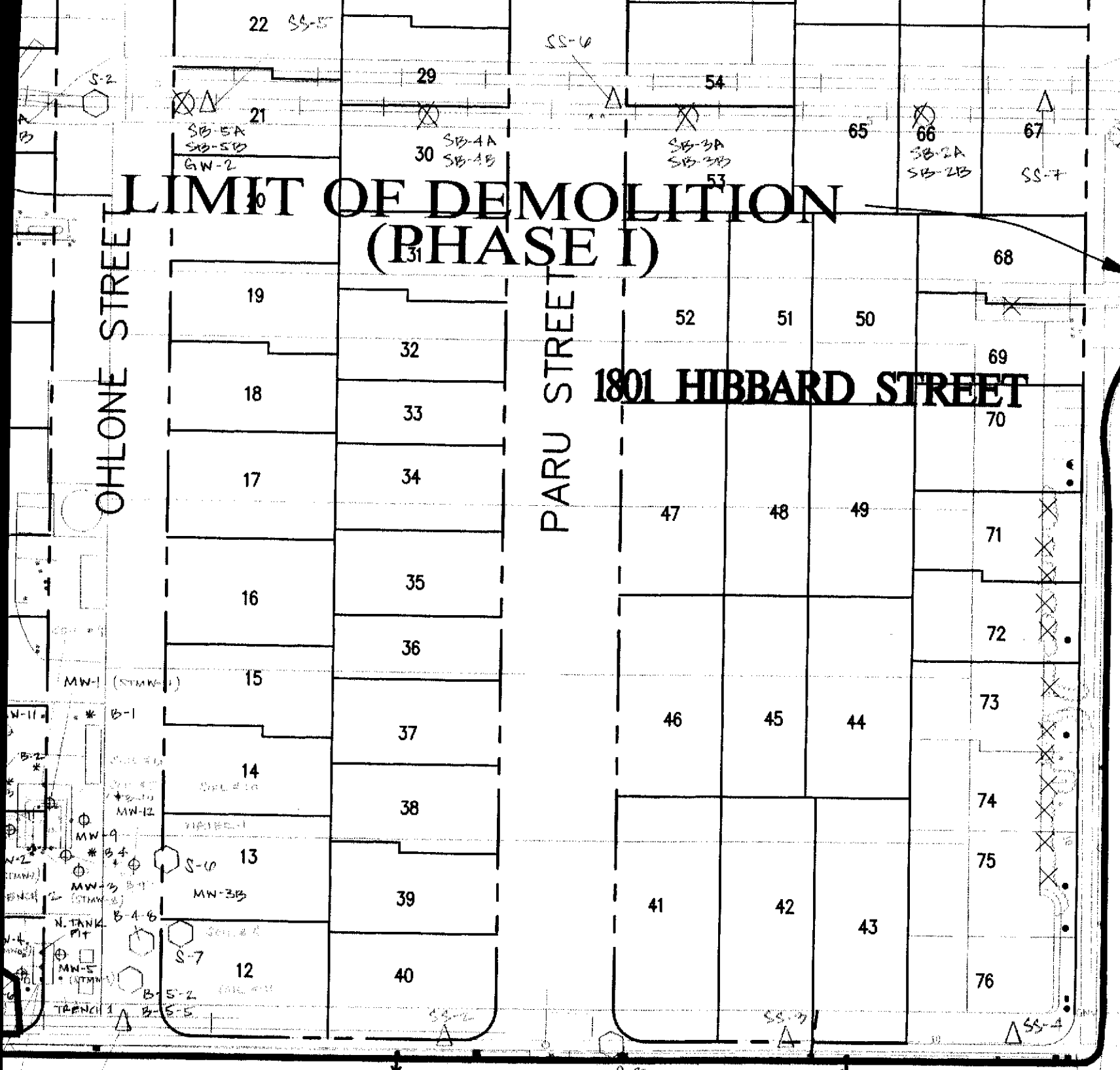
BUE

LIMIT OF DEMOLITION (PHASE I)

OHLONE STREET

PARU STREET

1801 HIBBARD STREET



NA VISTA AVENUE

PARU STREET

SS-1

4 PIT

HIBBARD STREET

EAGLE AVENUE

SB-1A
SB-1B
GW-1

77

78

79

80

81

82

83

SS-8



B-1-2
B-1-5

SS-9

SHEET

1

OF

1

JOB NO.

01018

SUBDIVISION 7170

KB HOME

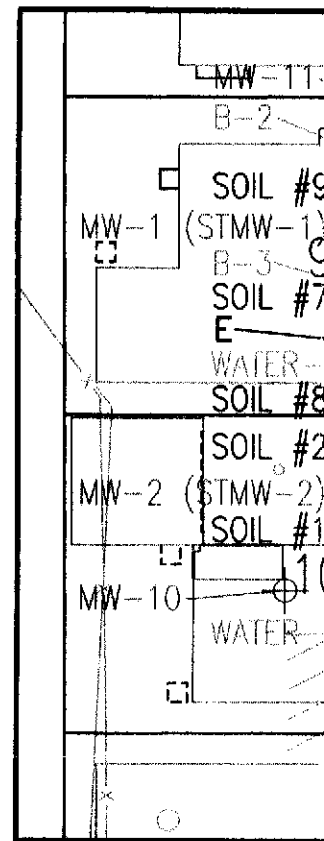
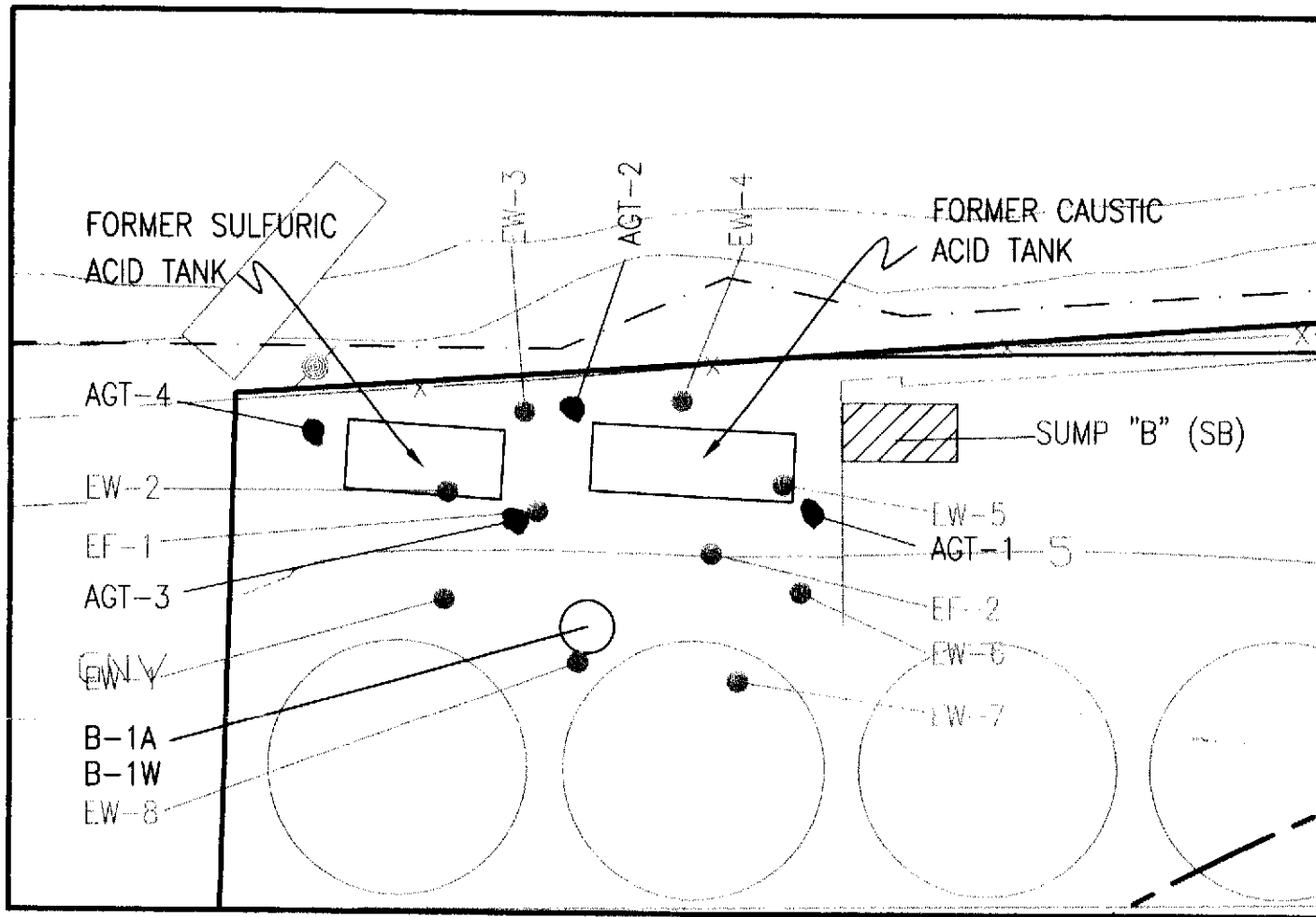
MARINA COVE

DEMOLITION PLAN

CITY OF ALAMEDA

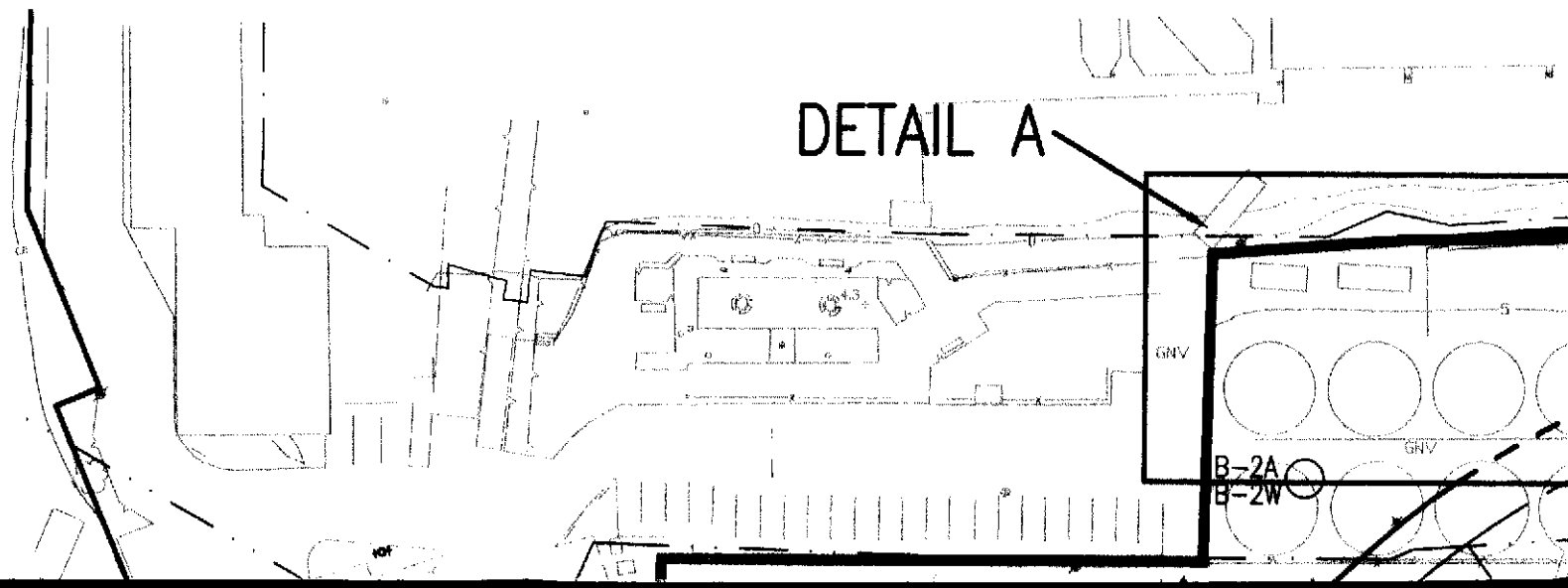
ALAMEDA COUNTY

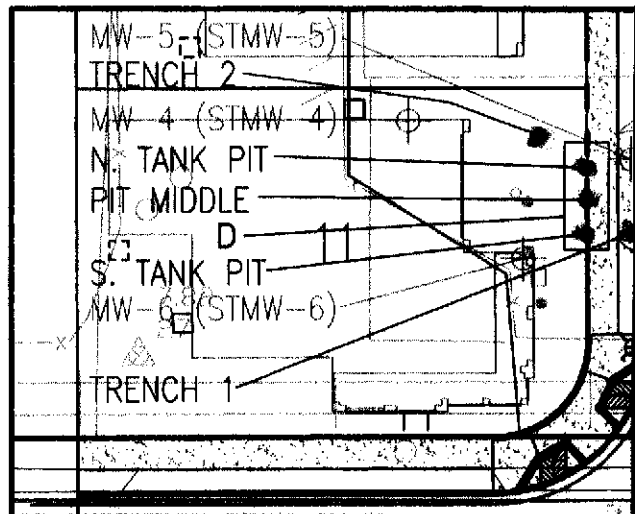
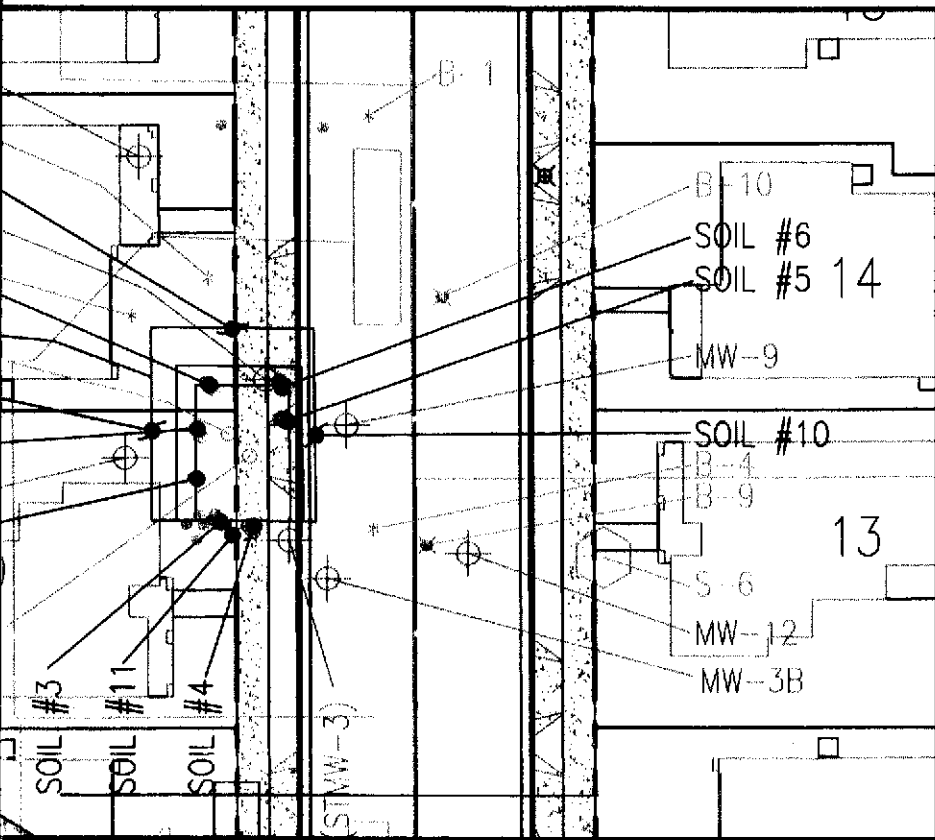
CALIFORNIA



DETAIL A

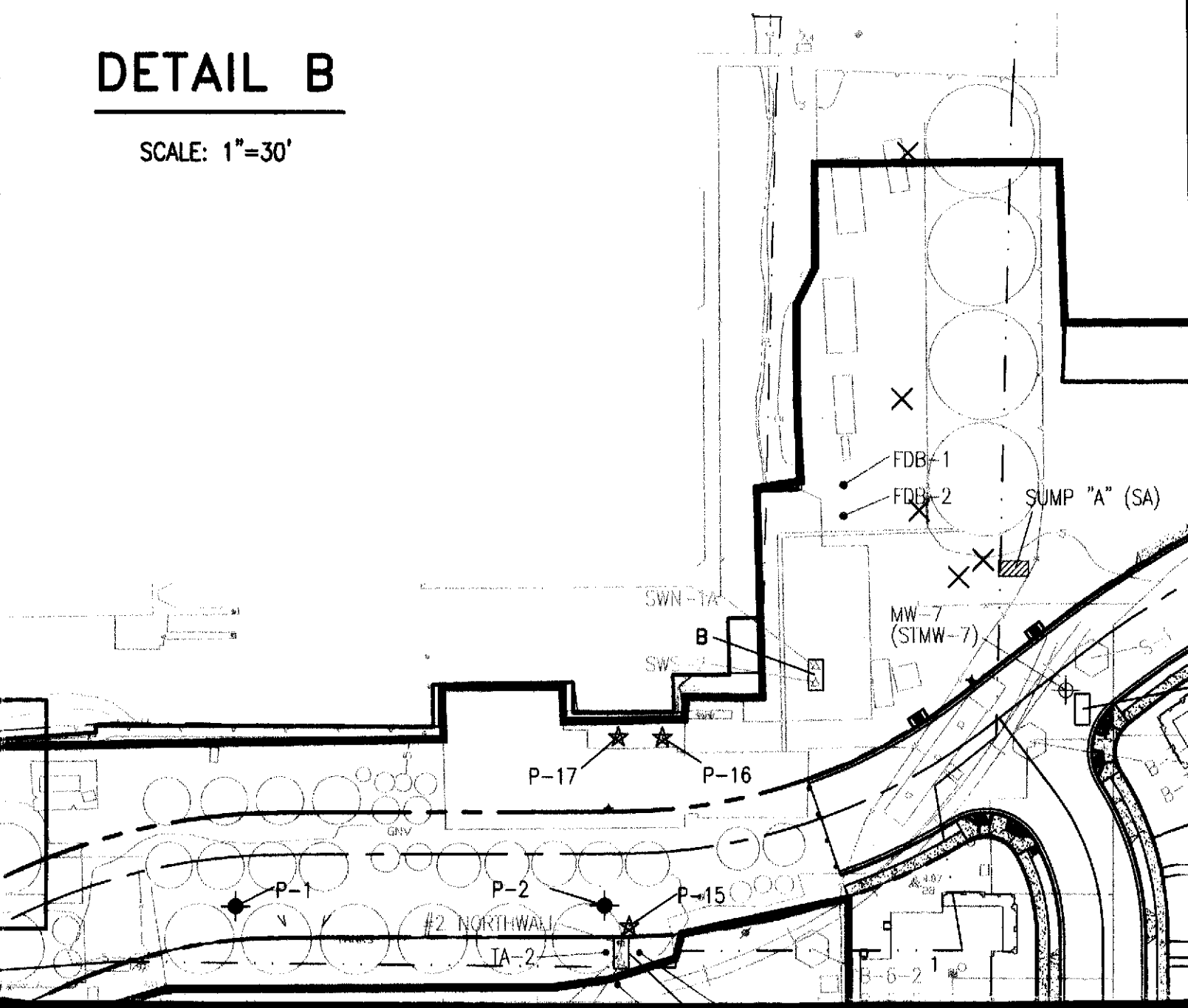
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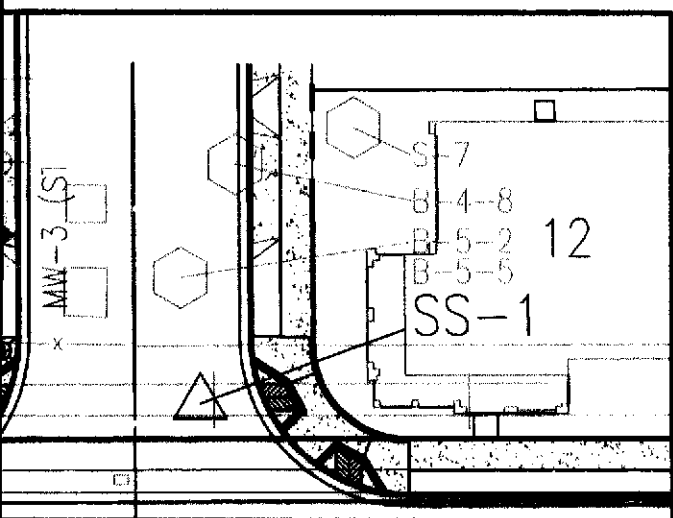




DETAIL B

SCALE: 1"=30'



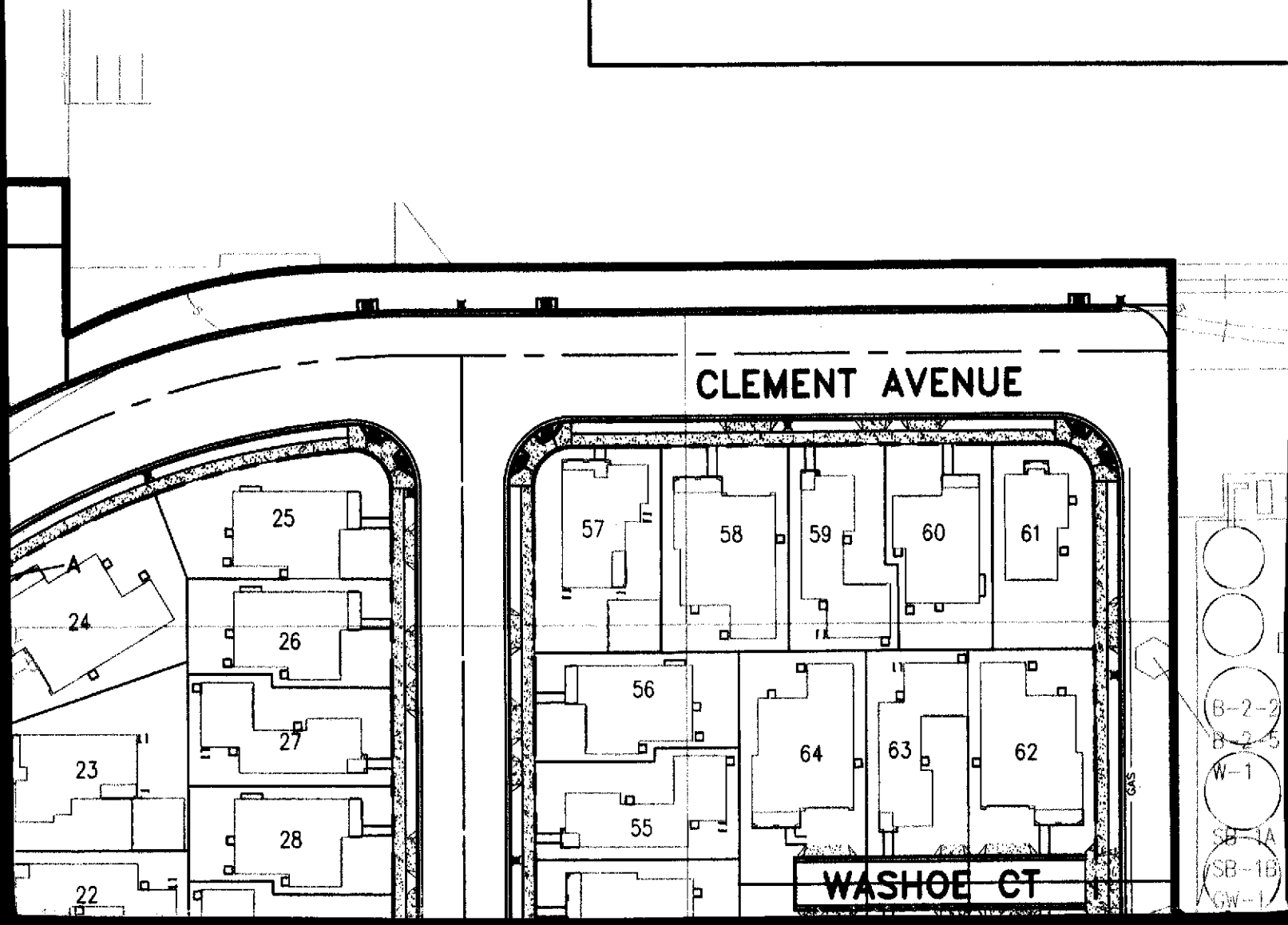


TAIL C

SCALE: 1"=30'

- A FORMER 10,000-GALLON DIESEL UST
- B FORMER 1,500-GALLON DIESEL UST
- C FORMER 2,000-GALLON DIESEL UST
- D FORMER 20,000-GALLON DIESEL UST
- E FORMER GASOLINE UST CLUSTER

- ICES, LIMITED SITE INVESTIGATION, AUGUST 1998
- △ ICES, REMEDIAL ACTIVITIES: RAILROAD BALLAST, 04/2001
- ⊗ ICES, LIMITED SITE INVESTIGATION-ABANDONED PENNZOIL PIPELINE, 03/1999
- △ ICES, UST REMOVAL-1500 GALLON DIESEL UST, 10/2001
- ⊙ ICES, SOIL SAMPLING, 01/2002
- ▲ ICES, SITE INVESTIGATION ACTIVITIES: TRENCH PARCEL, 10/2001
- ICES, SUPPLEMENTARY SITE INVESTIGATION: TRENCH PARCEL, 07/2002
- ICES, SITE INVESTIGATION ACTIVITIES: SULFURIC ACID TANK REMOVAL, 10/2001
- BLYMER, SUBSURFACE SOIL INVESTIGATION, 07/1993



END

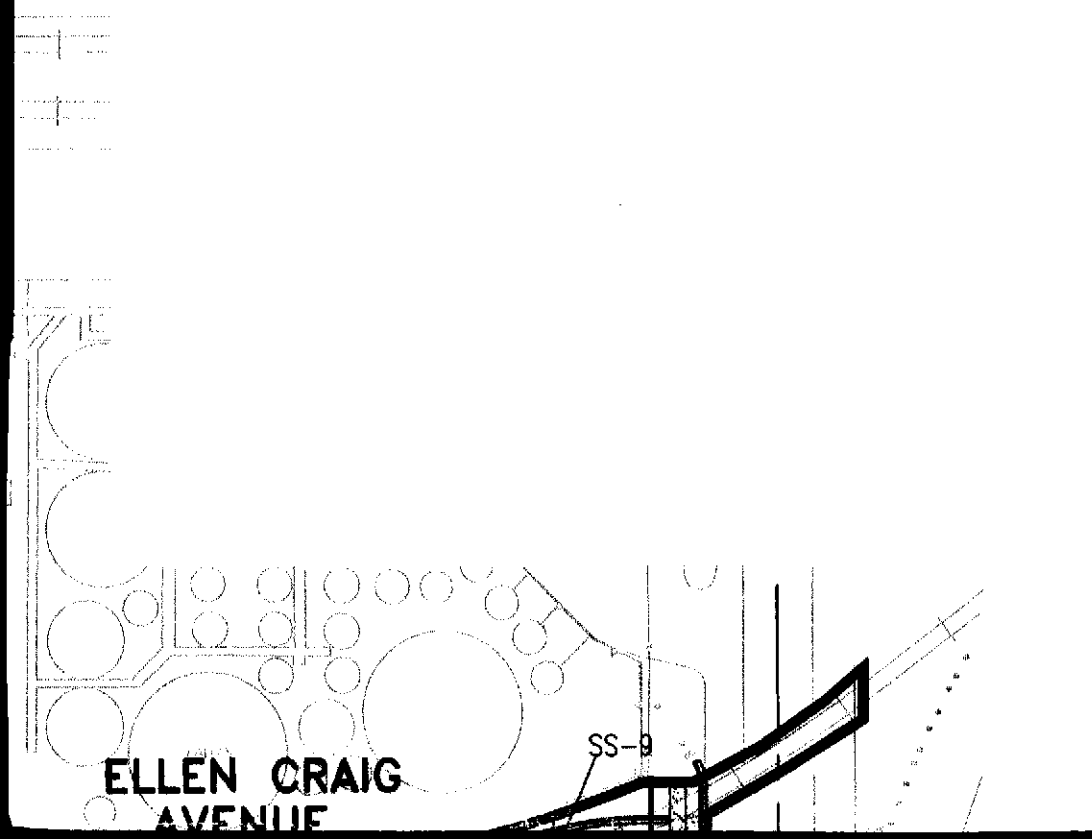
- FUGRO, PHASE II SITE INVESTIGATION, 09/1993
- ☆ GEOMATRIX, SOIL INVESTIGATION, 02/1995
- SEMCO, UST REMOVAL-2000 GALLON DIESEL UST, 04/1994
- WEST & ASSOCIATES, ADDITIONAL SITE CHARACTERIZATION, 07/1999
- WEST & ASSOCIATES, SITE INVESTIGATION, 01/1994
- WEST & ASSOCIATES, UST REMOVAL: 20,000 GALLON DIESEL UST, 01/1994
- MINTER & FAHY, OVEREXCAVATION OF FORMER 3-1000 GALLON GASOLINE UST PIT, 02/1991
- ✈ MINTER & FAHY, OVEREXCAVATION OF FORMER 3-1000 GALLON GASOLINE UST PIT, 04/1991
- ⊕ SOIL TECH, 12/1991, 04/1992, 12/1992-01/1993; WEST & ASSOCIATES, 01/1994
- ICES, SOIL VAPOR SAMPLING, 02/2003

BY	DATE	REVISIONS

BELLECCI & ASSOCIATES, INC.

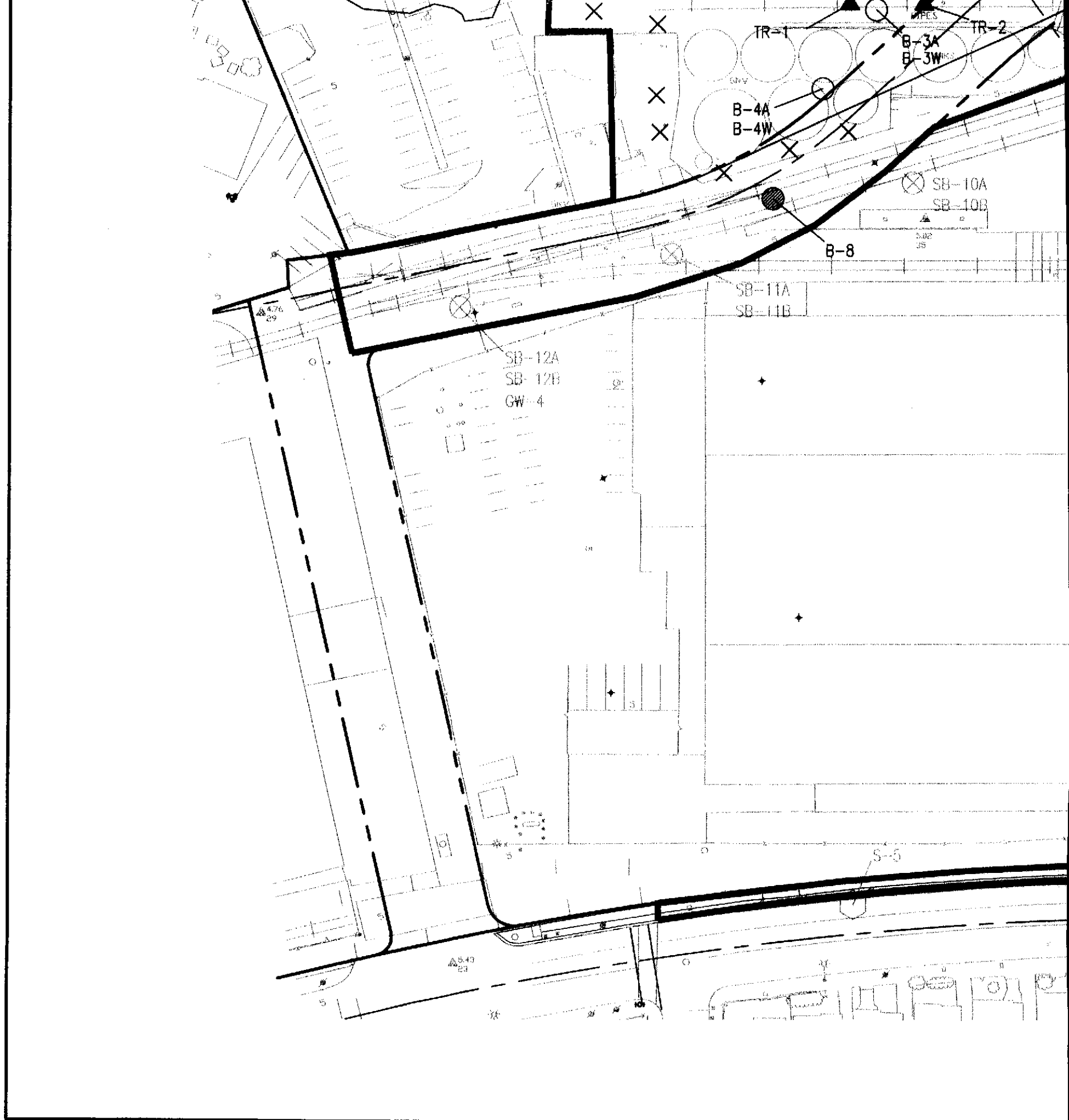


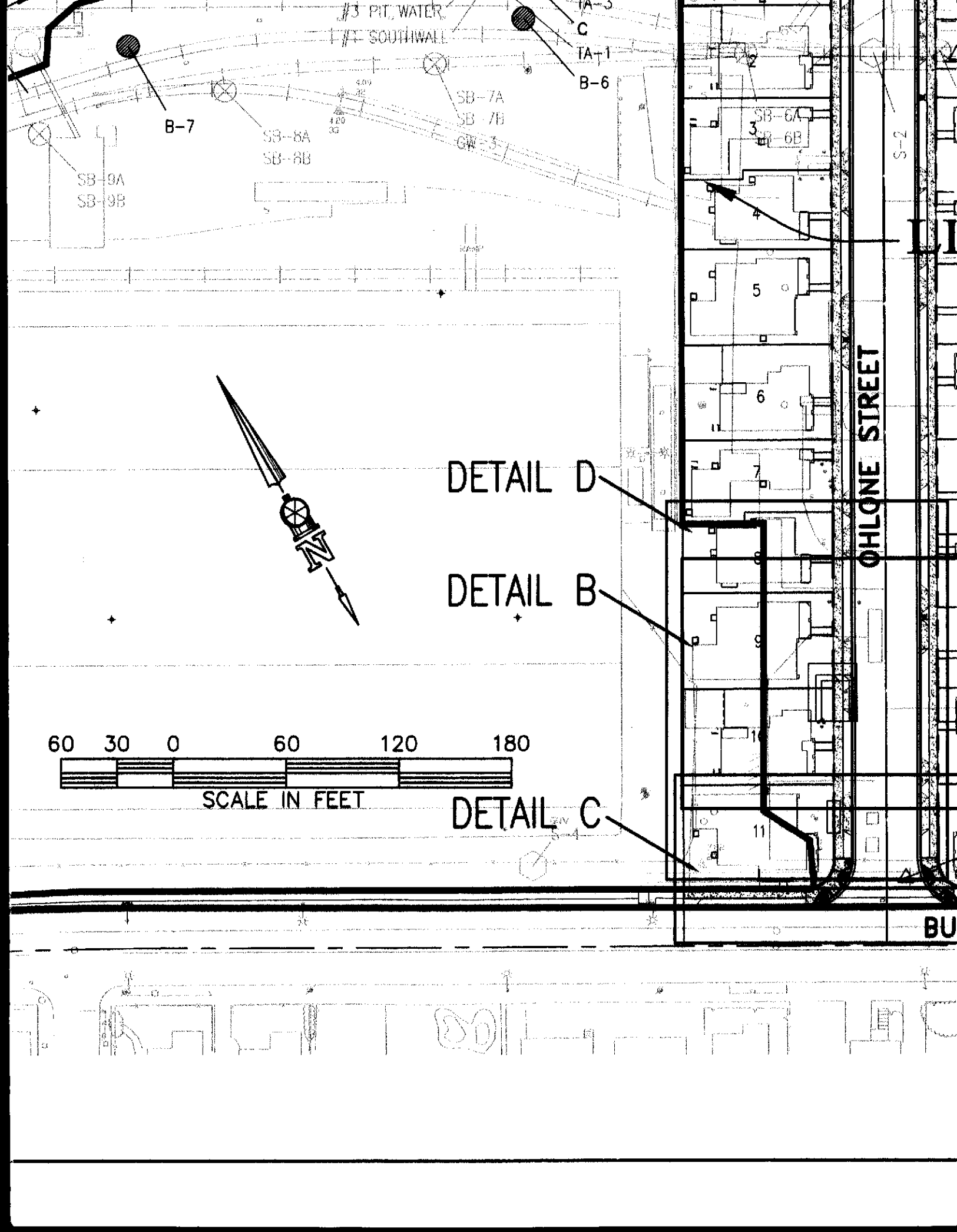
• CIVIL ENGINEERING • LAND PLANNING • LAND SURVEYING •
 2290 DIAMOND BOULEVARD, SUITE 100 CONCORD, CA. 94520
 PHONE (925) 685-4569 FAX (925) 685-4898



ELLEN CRAIG AVENUE

SS-9





3 PIT, WATER
SOUTH WALL

TA-3
C
TA-1
B-6

B-7

SB-8A
SB-8B

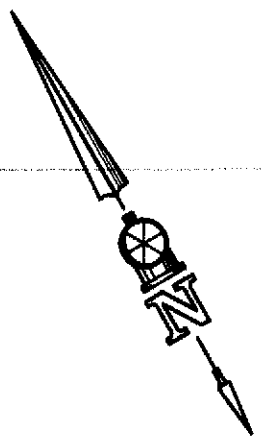
SB-7A
SB-7B
GW-5

SB-9A
SB-9B

SB-6A
SB-6B

OHLCONE STREET

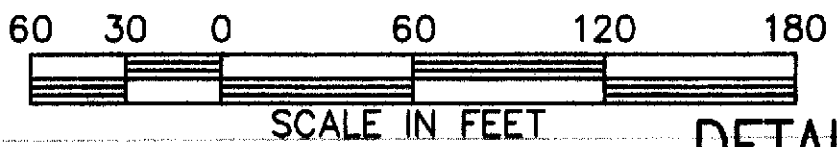
S-2



DETAIL D

DETAIL B

DETAIL C



BU

MIT OF DEMOLITION

(PHASE I)

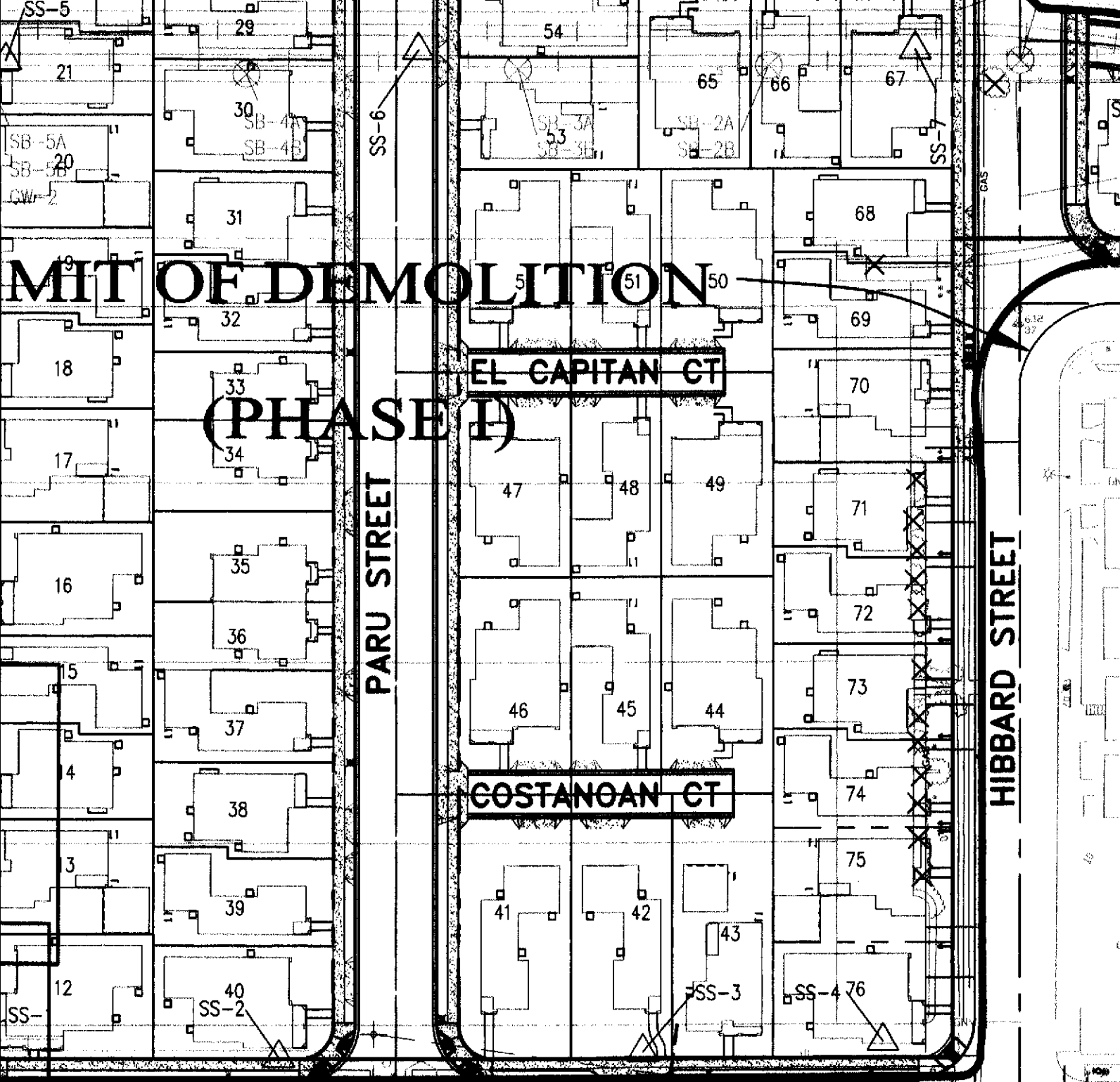
PARU STREET

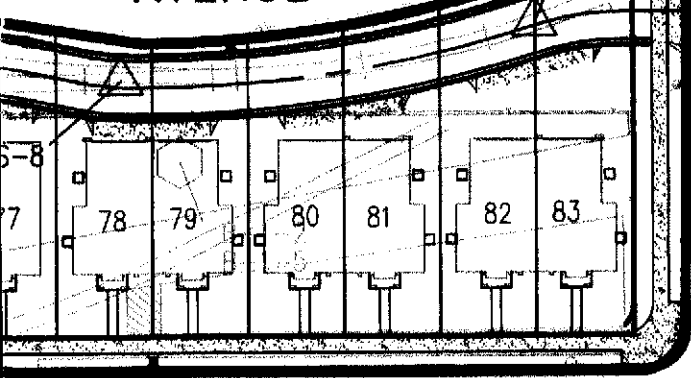
EL CAPITAN CT

COSTANOAN CT

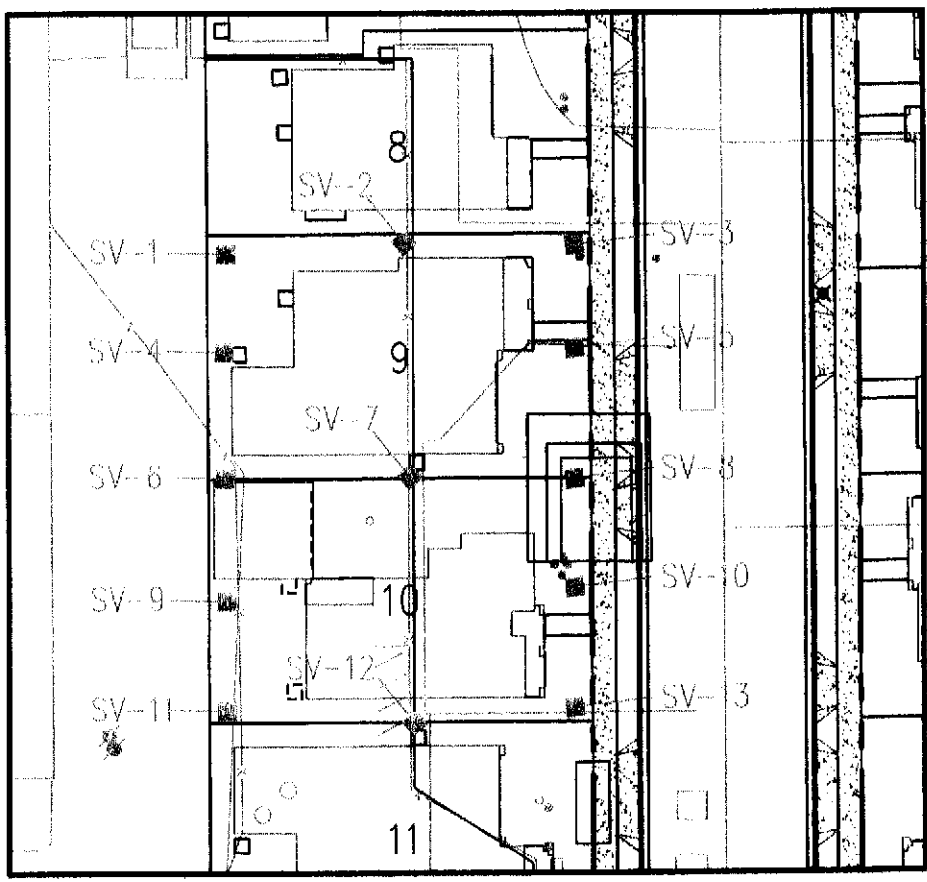
HIBBARD STREET

ENAVISTA AVENUE





EAGLE AVENUE



DETAIL D

SCALE: 1"=30'

SHEET
1
 OF 1
 JOB NO.
 01018

SUBDIVISION 7170

KB HOME

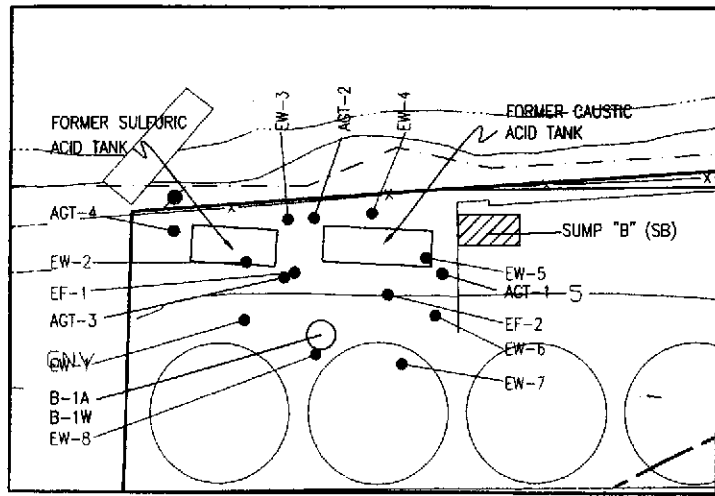
MARINA COVE

SAMPLE LOCATIONS/MONITORING WELLS

CITY OF ALAMEDA

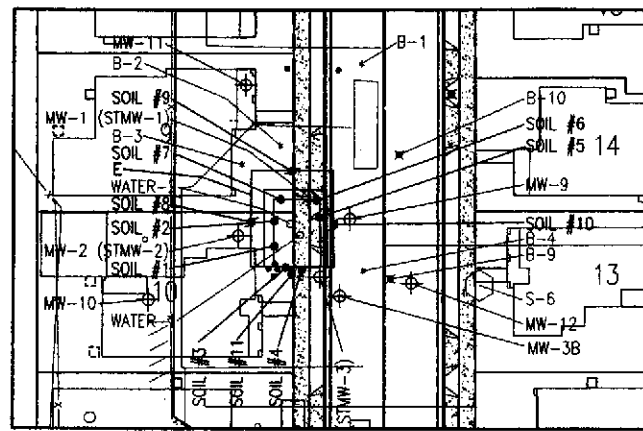
ALAMEDA COUNTY

CALIFORNIA



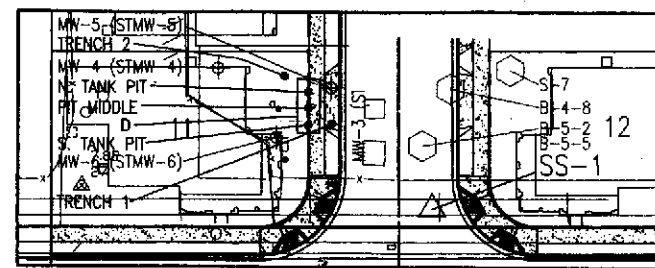
DETAIL A

SCALE: 1"=20'



DETAIL B

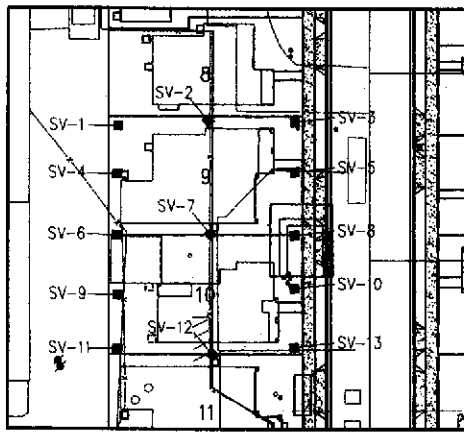
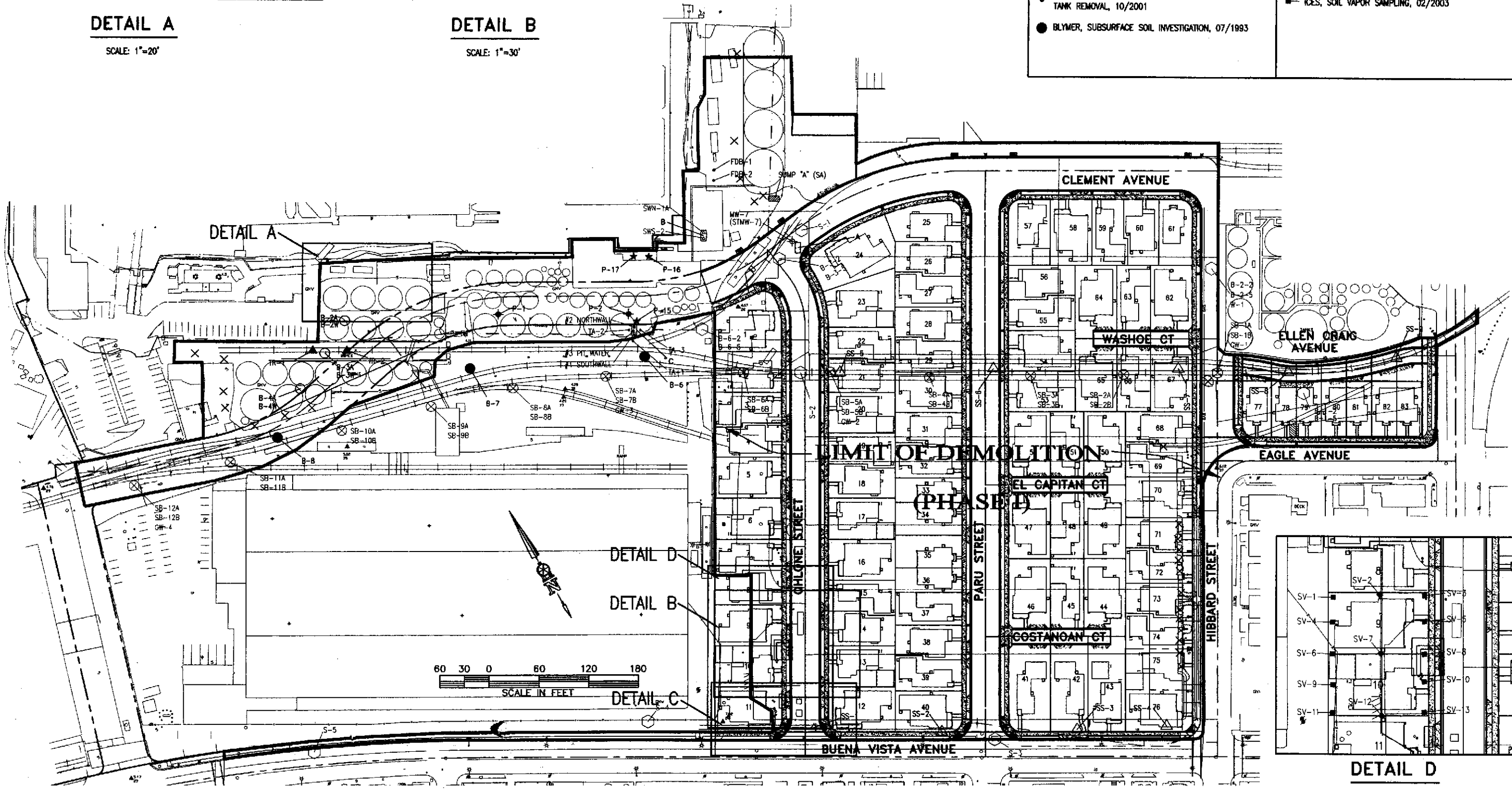
SCALE: 1"=30'



DETAIL C

SCALE: 1"=30'

- LEGEND**
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 - B FORMER 1,500-GALLON DIESEL UST
 - C FORMER 2,000-GALLON DIESEL UST
 - D FORMER 20,000-GALLON DIESEL UST
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 - △ ICES, UST REMOVAL-1500 GALLON DIESEL UST, 10/2001
 - ICES, SOIL SAMPLING, 01/2002
 - ▲ ICES, SITE INVESTIGATION ACTIVITIES: TRENCH PARCEL, 10/2001
 - ICES, SUPPLEMENTARY SITE INVESTIGATION: TRENCH PARCEL, 07/2002
 - ICES, SITE INVESTIGATION ACTIVITIES: SULFURIC ACID TANK REMOVAL, 10/2001
 - BLYMER, SUBSURFACE SOIL INVESTIGATION, 07/1993
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 - × WEST & ASSOCIATES, ADDITIONAL SITE CHARACTERIZATION, 07/1999
 - WEST & ASSOCIATES, SITE INVESTIGATION, 01/1994
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 - ⊕ SOIL TECH, 12/1991, 04/1992, 12/1992-01/1993; WEST & ASSOCIATES, 01/1994
 - ICES, SOIL VAPOR SAMPLING, 02/2003



DETAIL D