

SOUTH 200TH STREET

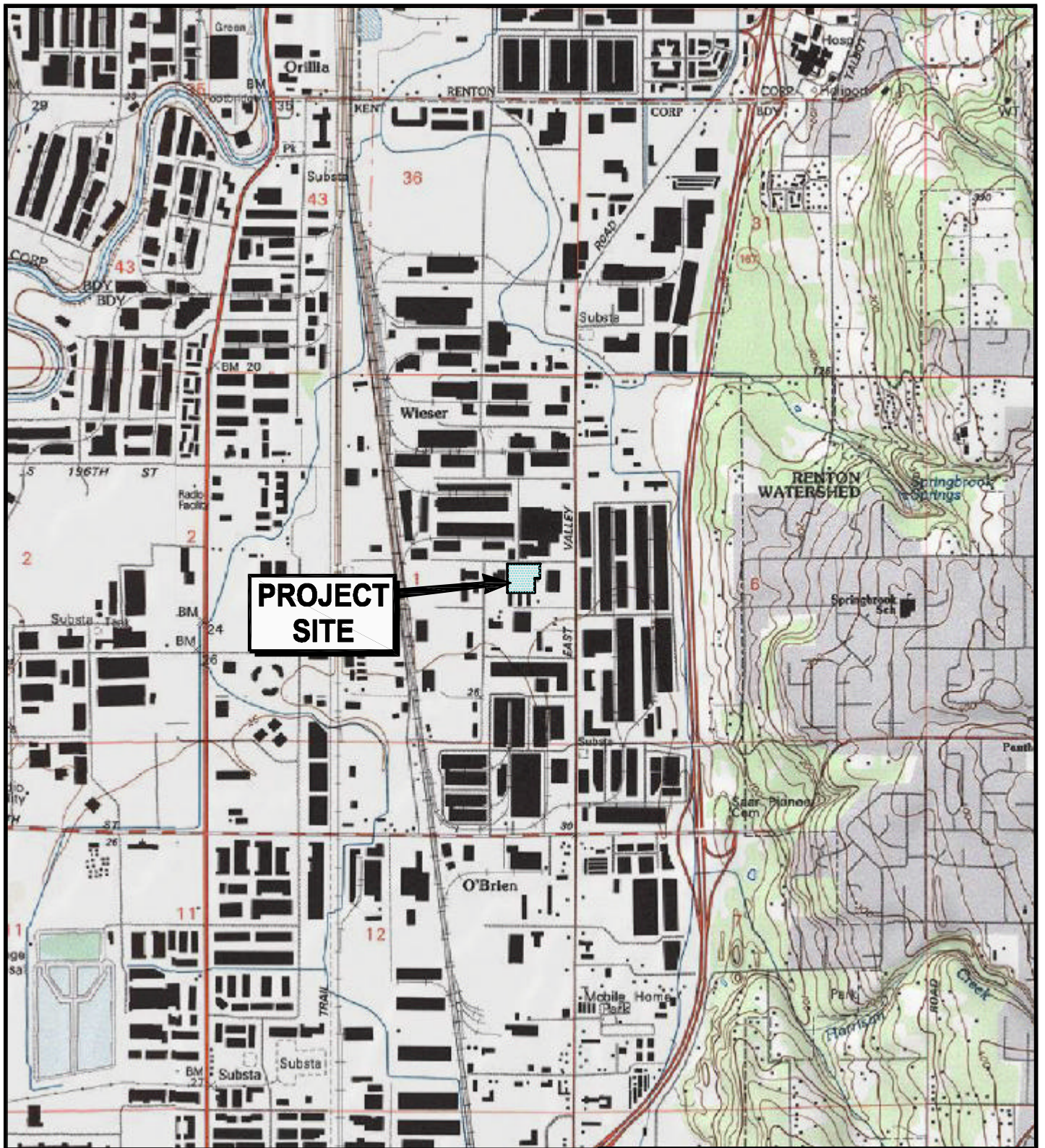
LEGEND:

- RS 19/108 ▲ SLUDGE SAMPLE LOCATION
- SG-22 + SOIL GAS SAMPLE LOCATION
- TH-2 ○ UNSATURATED ZONE HAND AUGER BORING
- HA-17 ● HAND AUGER BORING
- HYS-7 □ AUGER BORING
- SP-2 ▼ DIRECT-PUSH SOIL BORING
- 1A X EXCAVATION SOIL CONFIRMATION SAMPLE LOCATION
- SP-16 ◆ DIRECT-PUSH GROUNDWATER BORING
- HVR-1 ● RECOVERY WELL
- HYP-4 ● MONITORING WELL
- HTP-6 ● ABANDONED MONITORING WELL
- I ▲ PNEUMETER
- APPROXIMATE LOCATION OF UNSATURATED ZONE SOIL EXCAVATION
- ABOVEGROUND TANK
- FENCE

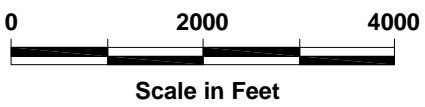
- 1980-1981 USEPA SITE INVESTIGATION
- 1982 HYTEK PHASE 1 INVESTIGATION
- 1984 HYTEK PHASE 3 INVESTIGATION
- 1984-1985 HYTEK MONITORING WELL INSTALLATION
- 1986 HYTEK SOIL GAS SURVEY
- 1987 HYTEK GROUNDWATER INVESTIGATION
- 1988 HYTEK UNSATURATED SOIL INVESTIGATION
- 1988 HYTEK FORMER DRUM STORAGE AREA INVESTIGATION
- 1989 BSB PILOT RECOVERY PROGRAM INVESTIGATION
- 1999 AND 2000 BSB PARCEL G INVESTIGATIONS



Parcel G Sampling Locations
BSB Property
Kent, Washington



PROJECT SITE

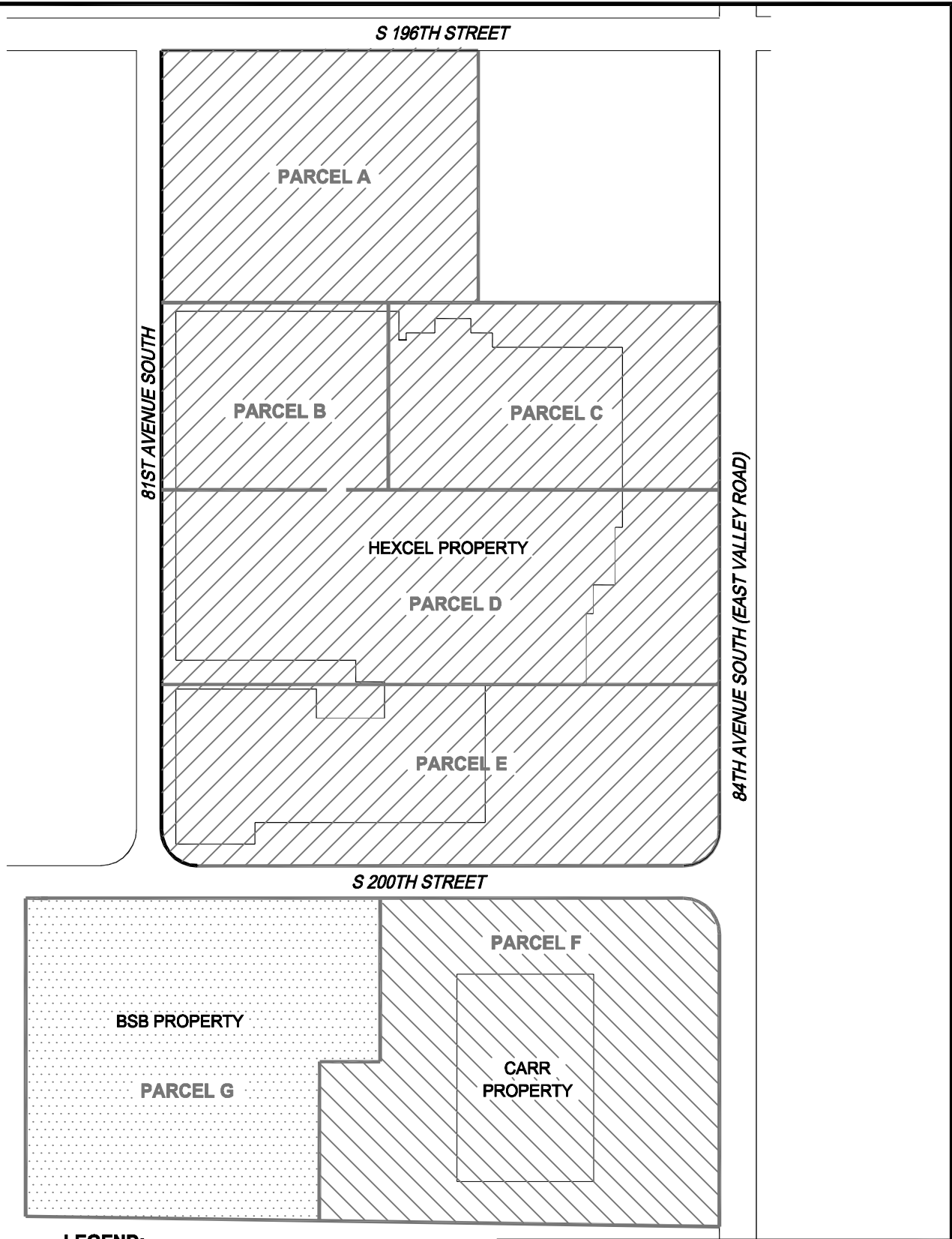


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Site Location Map
BSB Property
Kent, Washington

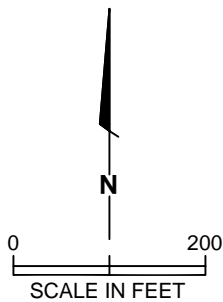
FIGURE
1

U.S.G.S. Topo Map - Renton, WA, 7.5-minute quadrangle.1949 revised 1994.



LEGEND:

-  BSB PARCEL
-  HEXCEL PARCELS
-  CARR PARCEL



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Parcel Location Map
BSB Property
Kent, Washington

FIGURE

2

827.001.06.002 82700106_1204_fig 2

12/04

JOB NUMBER

DRAWING NUMBER

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DATE

SOUTH 200TH STREET

FORMER PIPE RUN FROM
PARCEL E

LEGEND:

○ FORMER ABOVEGROUND
TREATMENT TANK

—x— FENCE

PARCEL G BOUNDARY

FORMER DRUM
STORAGE AREA

FORMER
EQUALIZING
LAGOON

FORMER
SLUDGE
SETTLING
LAGOON

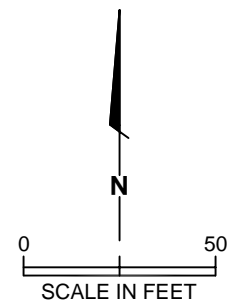
PARKING LOT

CARR
BUILDING

FORMER SLUDGE DRYING BED

FORMER SLUDGE DRYING BEDS

FORMER SLUDGE DRYING BED



Former Waste Treatment
Area Layout
BSB Property
Kent, Washington

FIGURE

3

827.001.06.002 82700106_1204_fig 3

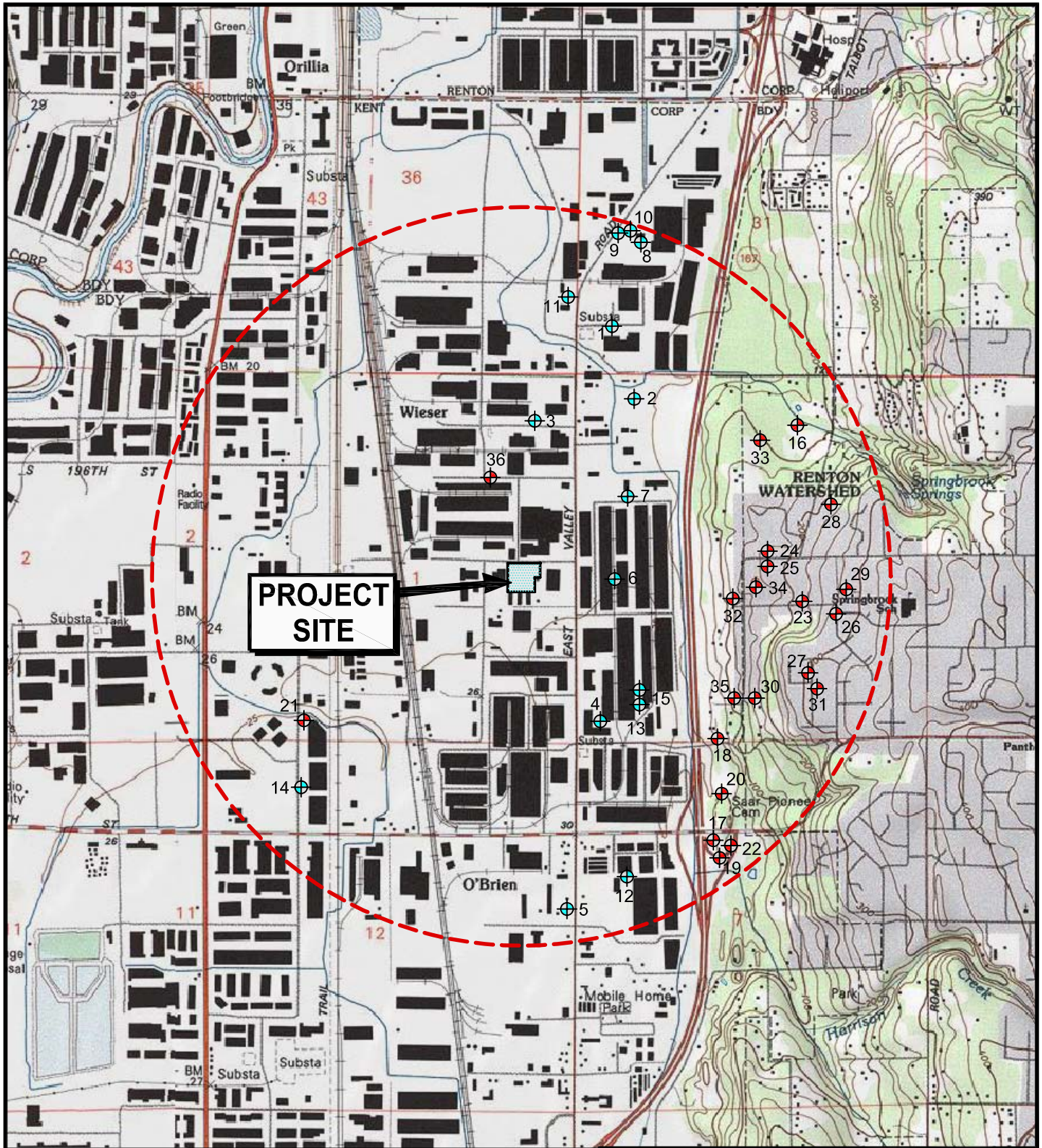
12/04

JOB NUMBER

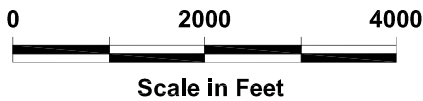
DRAWING NUMBER

REVIEWED BY

DATE



- 1 Former Water Well Location
- 16 Likely Existing Water Well Location
- 1-Mile Radius of BSB Property



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Water Supply Well Location Map
BSB Property
Kent, Washington

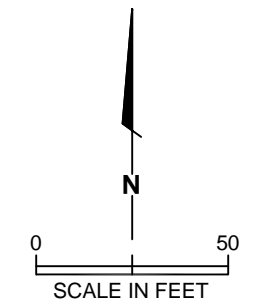
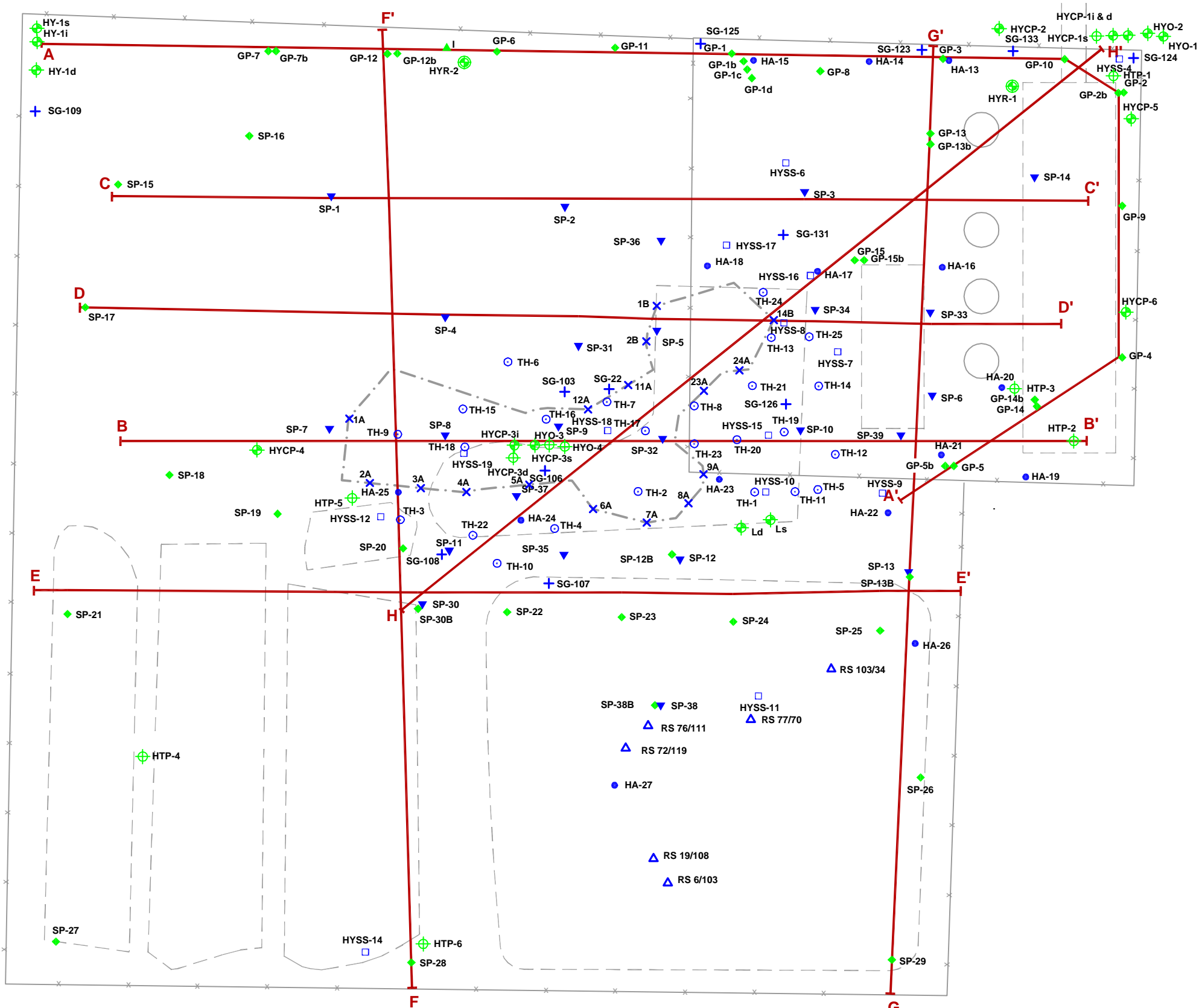
FIGURE

4

U.S.G.S. Topo Map - Renton, WA, 7.5-minute quadrangle. 1949 revised 1994.

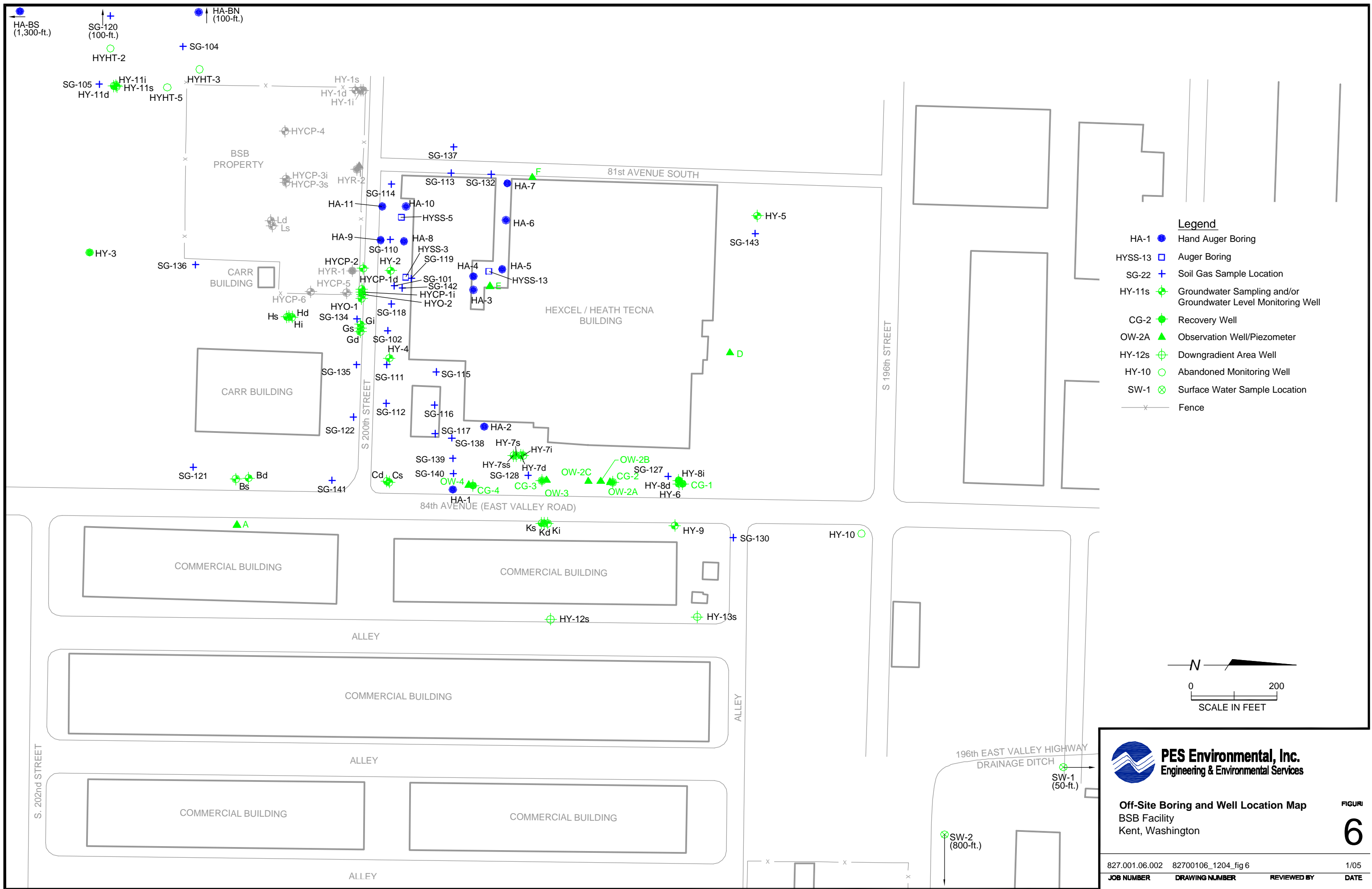
SOUTH 200TH STREET

- LEGEND:**
- RS 19/108 ▲ SLUDGE SAMPLE LOCATION
 - SG-22 + SOIL GAS SAMPLE LOCATION
 - TH-2 ○ UNSATURATED ZONE HAND AUGER BORING
 - HA-17 ● HAND AUGER BORING
 - HYSS-7 □ AUGER BORING
 - SP-2 ▼ DIRECT-PUSH SOIL BORING
 - 1A ✕ EXCAVATION SOIL CONFIRMATION SAMPLE LOCATION
 - SP-16 ◆ DIRECT-PUSH GROUNDWATER BORING
 - HYR-1 ⊕ RECOVERY WELL
 - HYCP-4 ⊕ MONITORING WELL
 - HTP-6 ⊕ ABANDONED MONITORING WELL
 - I ▲ PIEZOMETER
 - APPROXIMATE LOCATION OF UNSATURATED ZONE SOIL EXCAVATION
 - ABOVEGROUND TANK
 - F F' CROSS SECTION LOCATION
 - *— FENCE

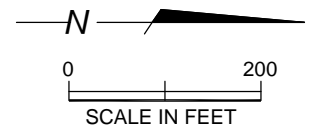


Parcel G Sampling Location Map
BSB Property
Kent, Washington

FIGURE
5



- Legend**
- HA-1 ● Hand Auger Boring
 - HYSS-13 □ Auger Boring
 - SG-22 + Soil Gas Sample Location
 - HY-11s ⊕ Groundwater Sampling and/or Groundwater Level Monitoring Well
 - CG-2 ● Recovery Well
 - OW-2A ▲ Observation Well/Piezometer
 - HY-12s ⊕ Downgradient Area Well
 - HY-10 ○ Abandoned Monitoring Well
 - SW-1 ⊗ Surface Water Sample Location
 - x— Fence

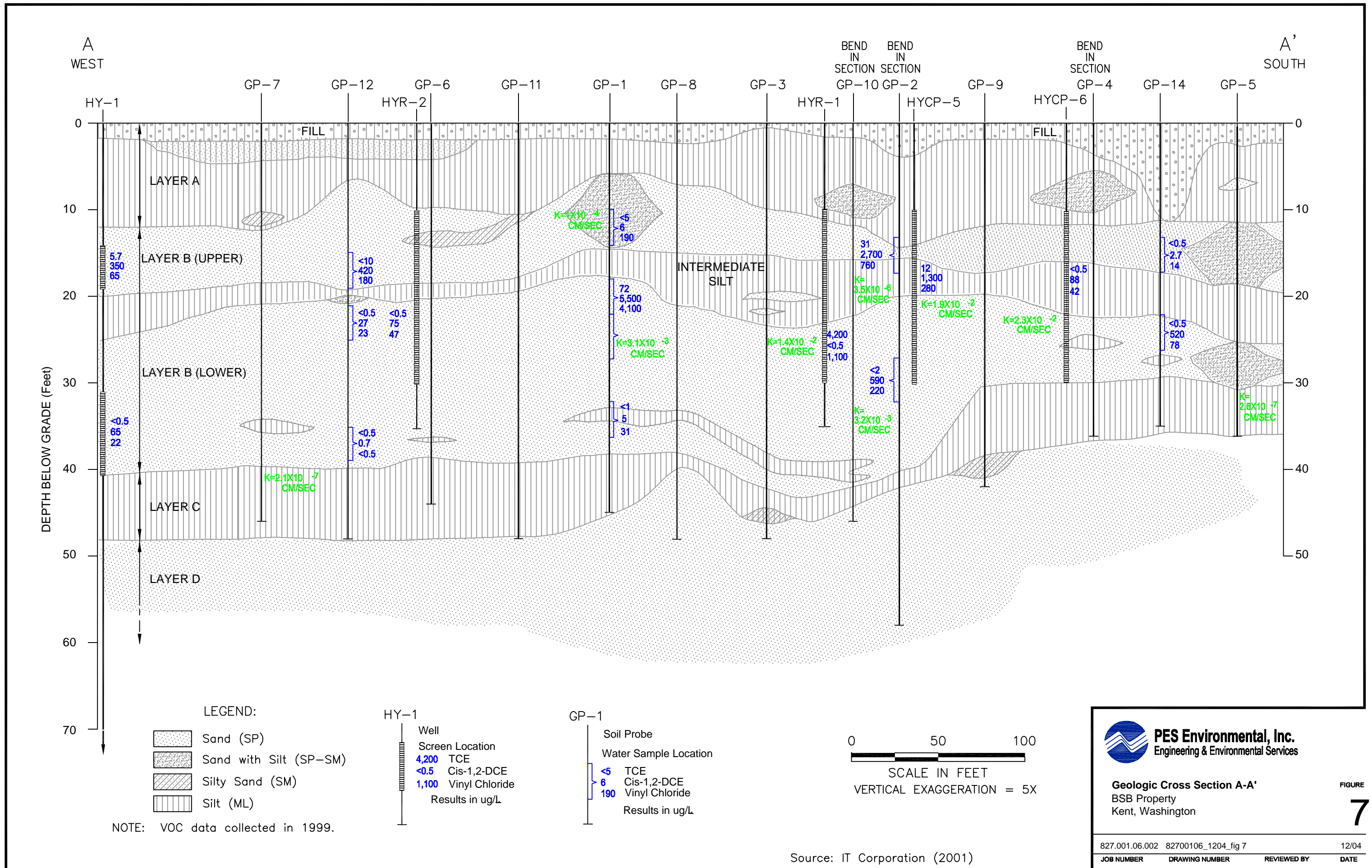


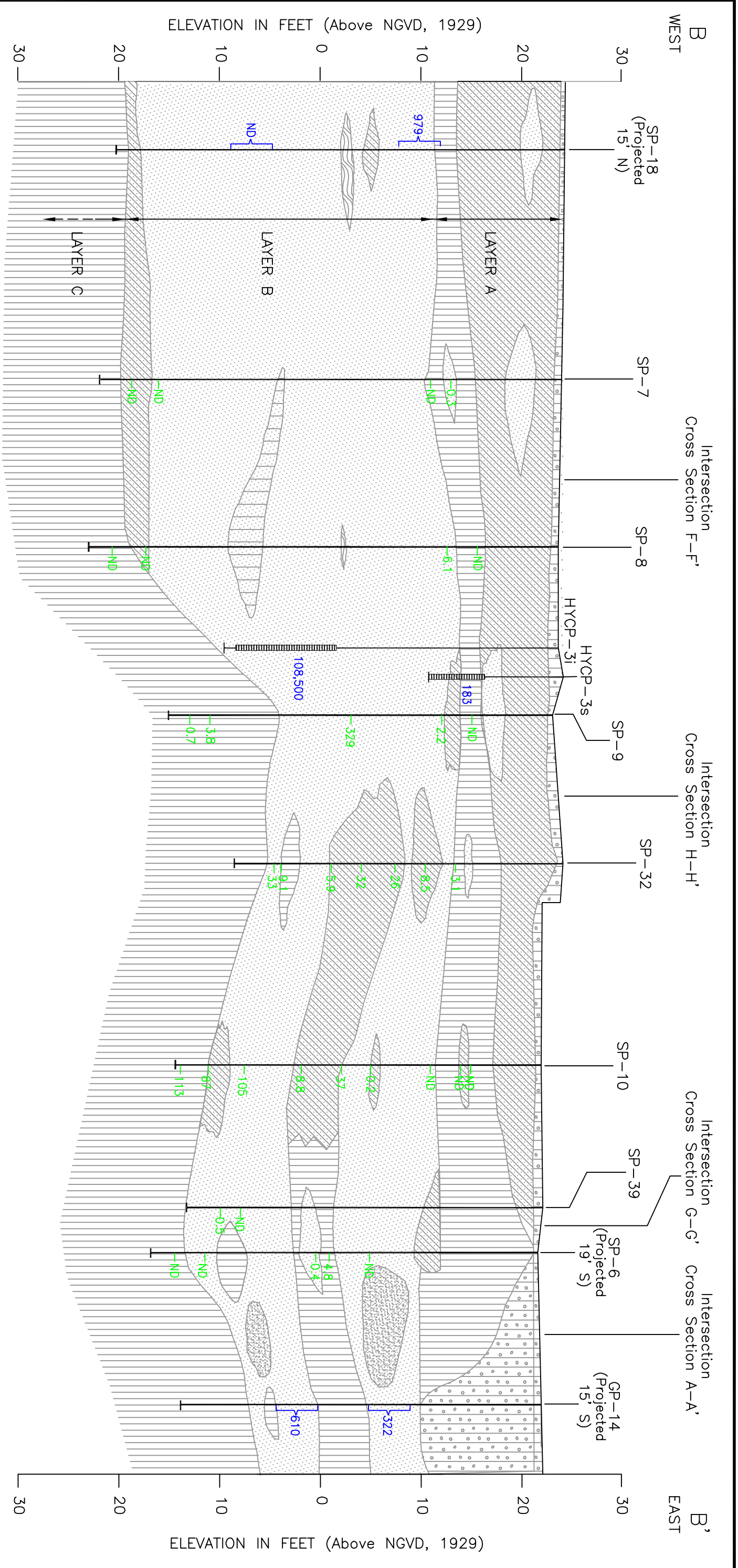
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Off-Site Boring and Well Location Map
BSB Facility
Kent, Washington

FIGURE
6

827.001.06.002	82700106_1204_fig 6	REVIEWED BY	1/05
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE





- LEGEND:**
- Sand (SP)
 - Sand with Silt (SP-SM)
 - Silty Sand (SM)
 - Silt (ML)
 - Peat (PT), Occurs locally with ML
 - Sand (SP), Interbedded with Silt (ML)
 - Sand (SP), and Silty Sand (SM)

HYCP-3i
Well
Screen Location
Water Sample Location
108,500 Total VOCs
Results in µg/L

GP-1
Soil Probe
Water Sample Location
30 Total VOCs
Results in µg/L
Soil Sample Location
10 Total VOCs
Results in mg/kg

0 30 60
SCALE IN FEET
VERTICAL EXAGGERATION = 3X

ND = Not Detected
Above Listed Detection Limit
NOTE: VOC data collected in 1999 and 2000.

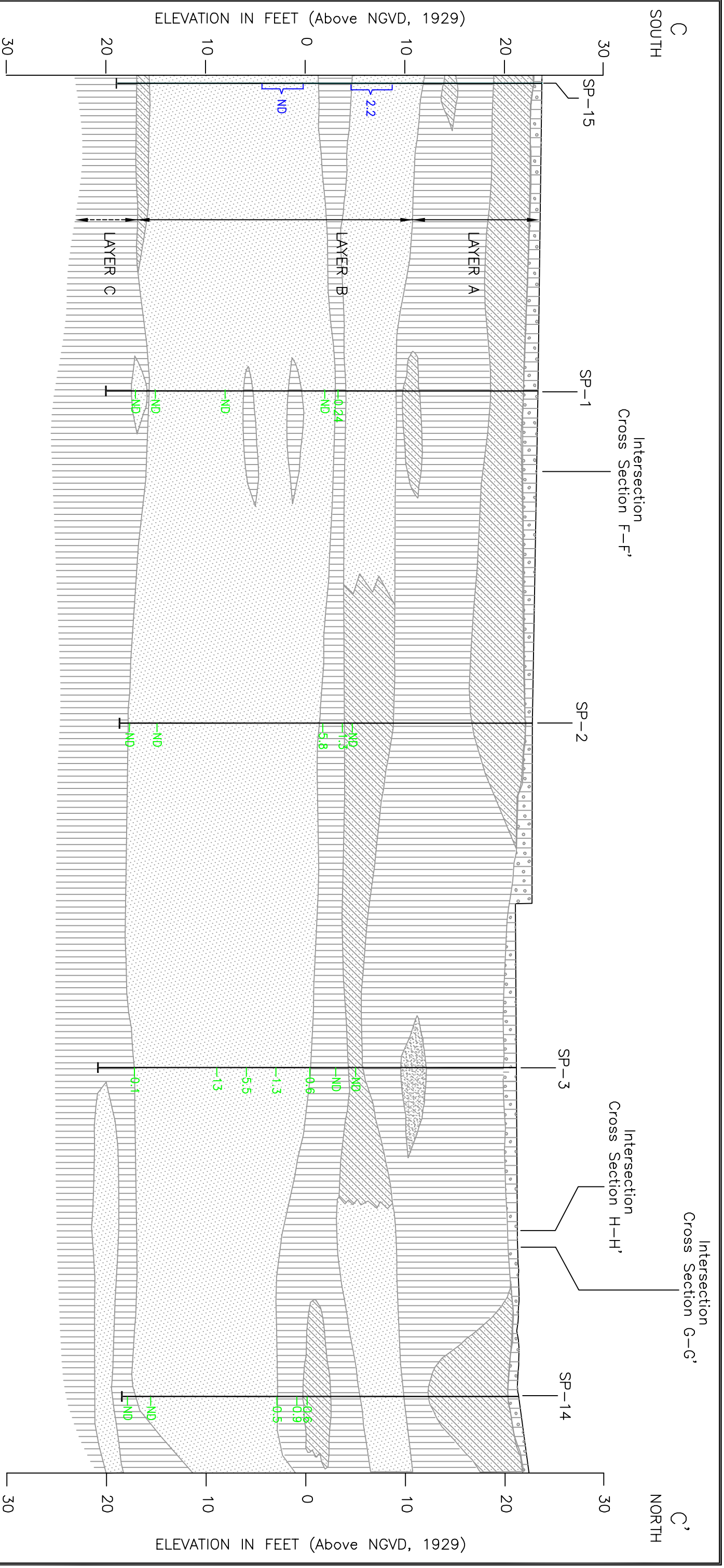
Source: IT Corporation (2001)



Geologic Cross Section B-B'
BSB Property
Kent, Washington

FIGURE
8

827.001.06.002 827.001.06.1204_fig 8
JOB NUMBER DRAWING NUMBER REVIEWED BY DATE
12/04



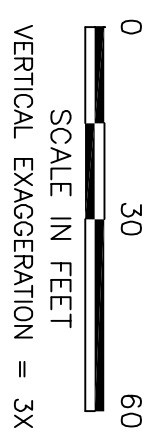
LEGEND:

- Sand (SP)
- Sand with Silt (SP-SM)
- Silty Sand (SM)
- Silt (ML)
- Peat (PT), Occurs locally with ML
- Sand (SP), Interbedded with Silt (ML)
- Sand (SP), and Silty Sand (SM)

GP-1

- Soil Probe
- Water Sample Location
- Total VOCs Results in µg/L
- Soil Sample Location
- Total VOCs Results in mg/kg

ND = Not Detected
Above Listed Detection Limit
NOTE: VOC data collected in 2000.



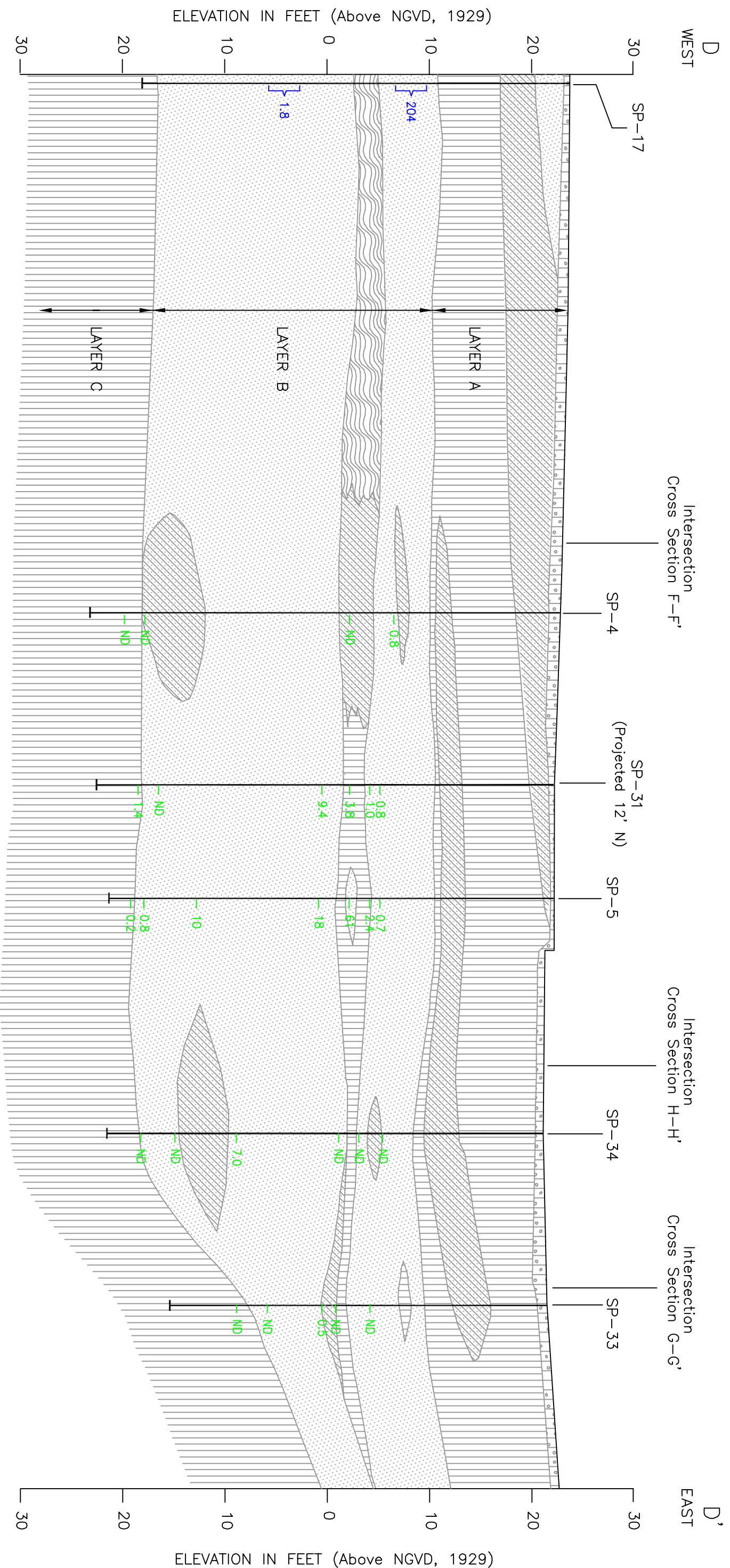
Source: IT Corporation (2001)



Geologic Cross Section C-C'
BSB Property
Kent, Washington

FIGURE
9

827.001.06.002 827.001.06.1204_fig 9
JOB NUMBER DRAWING NUMBER REVIEWED BY DATE
12/04



- LEGEND:**
- Sand (SP)
 - Sand with Silt (SP-SM)
 - Silty Sand (SM)
 - Silt (ML)
 - Peat (PT), Occurs locally with ML
 - Sand (SP), Interbedded with Silt (ML)
 - Sand (SP), and Silty Sand (SM)

GP-1

Soil Probe

Water Sample Location

30 Total VOCs Results in µg/L

Soil Sample Location

10 Total VOCs Results in mg/kg

ND = Not Detected

Above Listed Detection Limit

NOTE: VOC data collected in 2000.



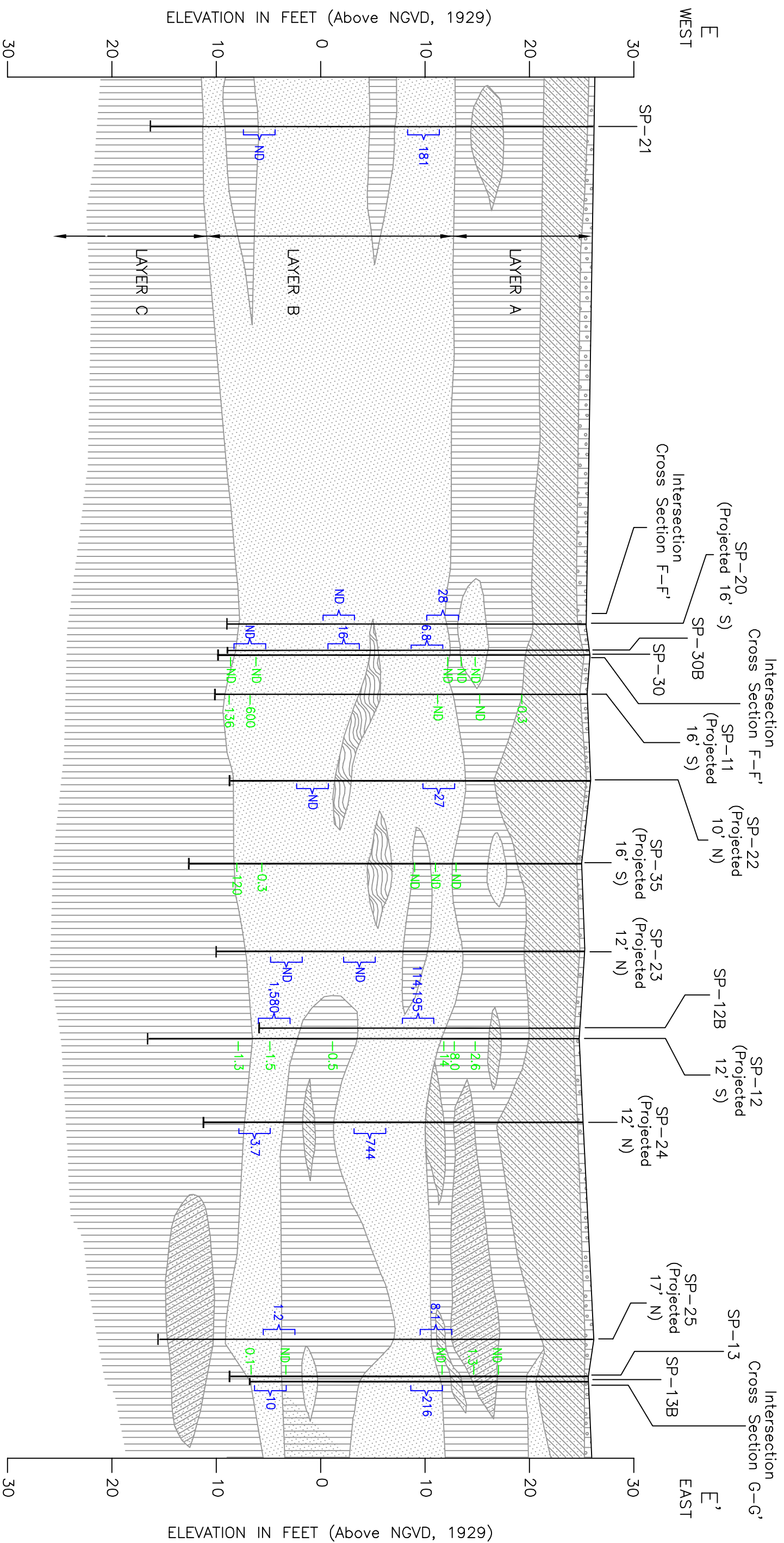
Source: IT Corporation (2001)



Geologic Cross Section D-D'
BSB Property
Kent, Washington

FIGURE
10

827.001.06.002 827.001.06.1204_fig 10 12/04
JOB NUMBER DRAWING NUMBER REVIEWED BY DATE



LEGEND:

- Sand (SP)
- Sand with Silt (SP-SM)
- Silty Sand (SM)
- Silt (ML)
- Peat (PT), Occurs locally with ML
- Sand (SP), Interbedded with Silt (ML)
- Sand (SP), and Silty Sand (SM)

ND = Not Detected
Above Listed Detection Limit
NOTE: VOC data collected in 2000.

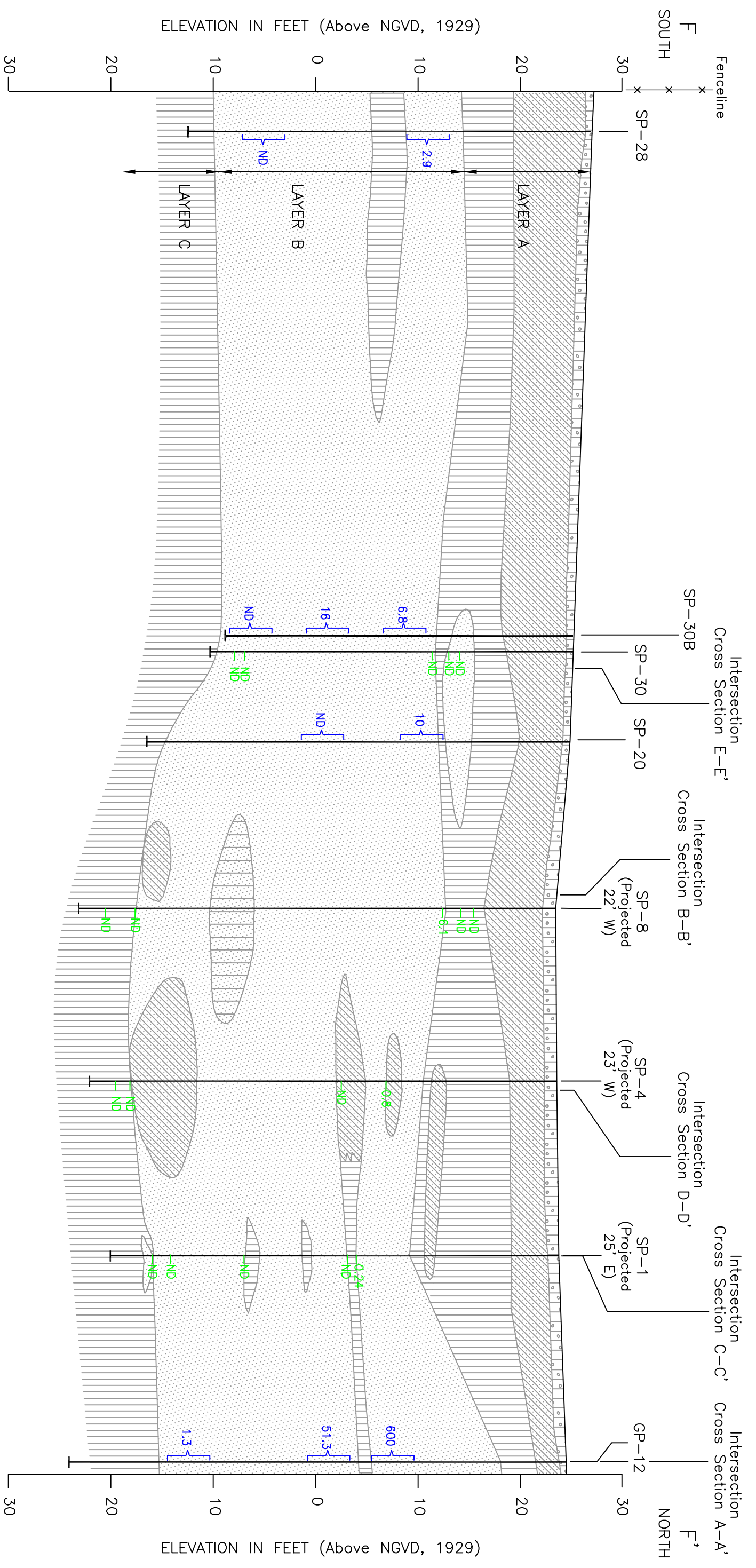
Source: IT Corporation (2001)



Geologic Cross Section E-E'
BSB Property
Kent, Washington

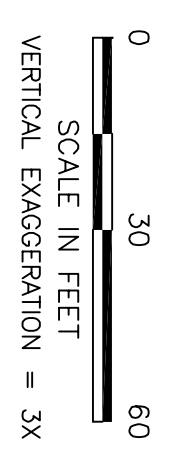
FIGURE
11

827.001.06.002 827.001.06.1204_fig 11
JOB NUMBER DRAWING NUMBER REVIEWED BY DATE
12/04



- LEGEND:**
- Sand (SP)
 - Sand with silt (SP-SM)
 - Silty Sand (SM)
 - Silt (ML)
 - Peat (PT), Occurs locally with ML
 - Sand (SP), Interbedded with Silt (ML)
 - Sand (SP), and Silty Sand (SM)

- GP-1**
- Soil Probe
 - Water Sample Location
 - 30 Total VOCs Results in µg/L
 - Soil Sample Location
 - 10 Total VOCs Results in mg/kg



ND = Not Detected
Above Listed Detection Limit
NOTE: VOC data collected in 1999 and 2000.

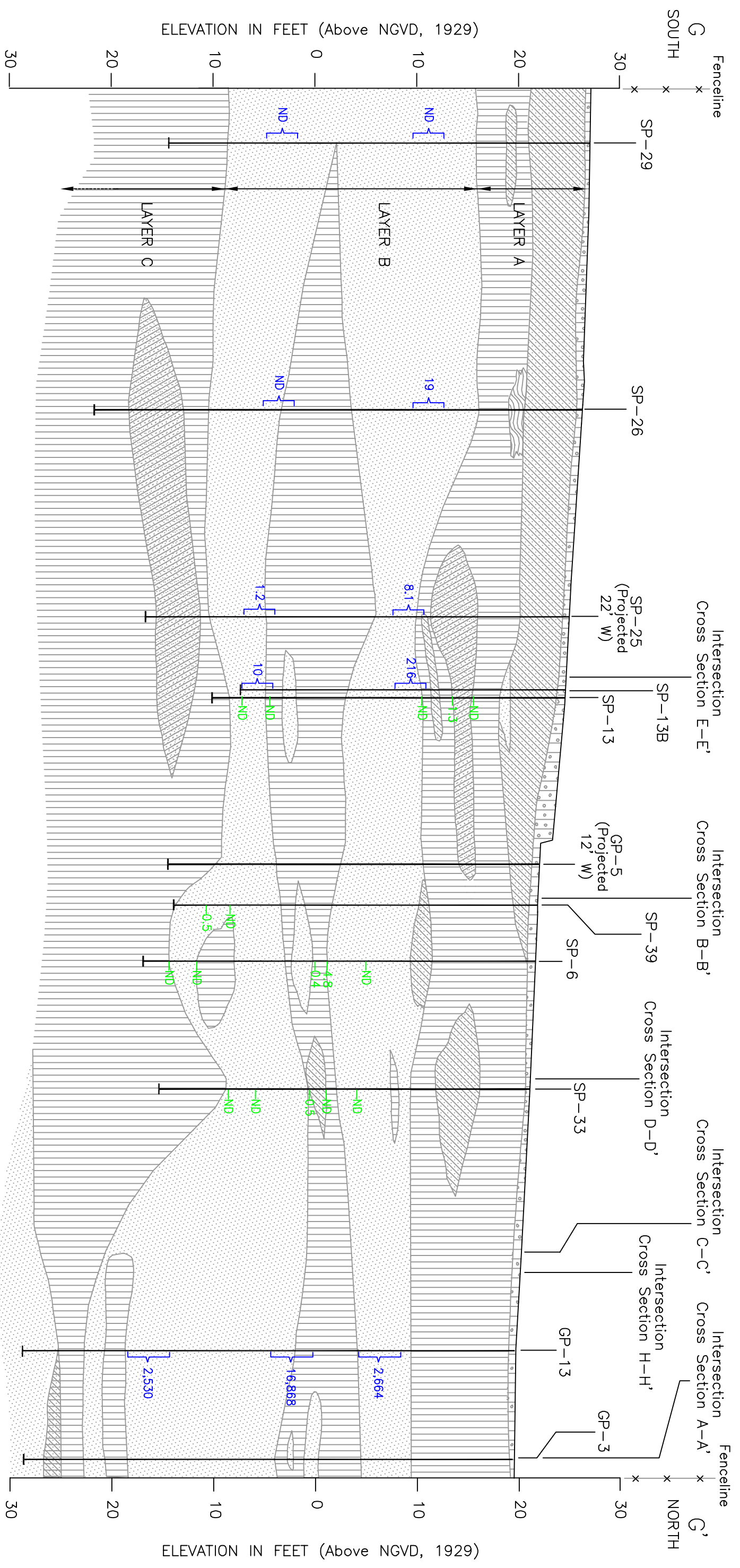
Source: IT Corporation (2001)



Geologic Cross Section F-F'
BSB Property
Kent, Washington

FIGURE
12

827.001.06.002 827.001.06.1204 fig 12
JOB NUMBER DRAWING NUMBER REVIEWED BY DATE
12/04



- LEGEND:**
- Sand (SP)
 - Sand with Silt (SP-SM)
 - Silty Sand (SM)
 - Silt (ML)
 - Peat (PT), Occurs locally with ML
 - Sand (SP), Interbedded with Silt (ML)
 - Sand (SP), and Silty Sand (SM)

- GP-1**
- Soil Probe
 - Water Sample Location
 - Total VOCs Results in µg/L
 - Soil Sample Location
 - Total VOCs Results in mg/kg

ND = Not Detected
 Above Listed Detection Limit
 NOTE: VOC data collected in 1999 and 2000.



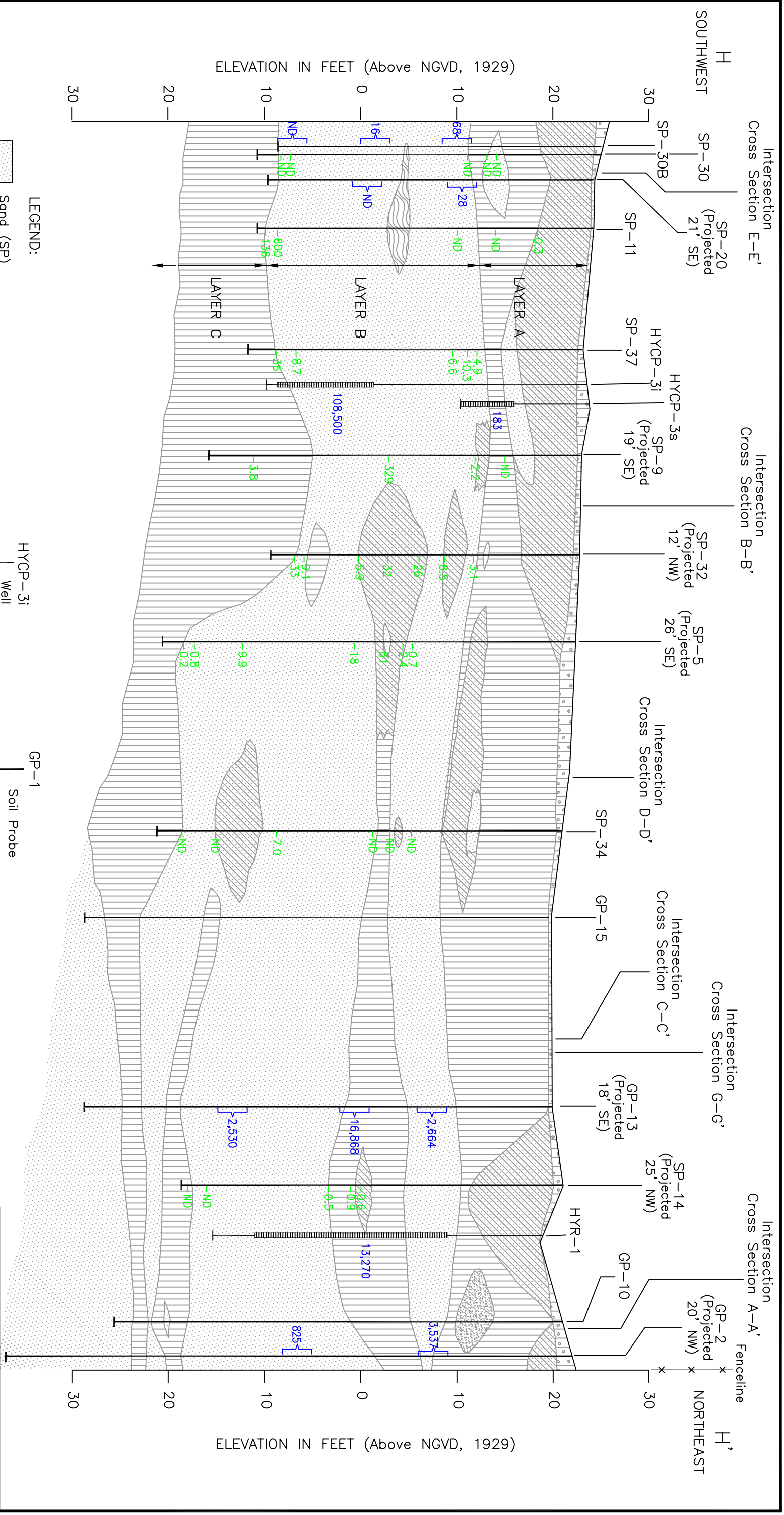
Source: IT Corporation (2001)



Geologic Cross Section G-G'
 BSB Property
 Kent, Washington

FIGURE
13

827.001.06.002 827.001.06.1204_fig 13
 JOB NUMBER DRAWING NUMBER REVIEWED BY DATE



- LEGEND:**
- Sand (SP)
 - Sand with Silt (SP-SM)
 - Silty Sand (SM)
 - Silt (ML)
 - Peat (PT), Occurs locally with ML
 - Sand (SP), Interbedded with Silt (ML)
 - Sand (SP), and Silty Sand (SM)

- HYCP-3i**
- Well
 - Screen Location
 - Water Sample Location
 - 108,500 Total VOCs Results in µg/L

- GP-1**
- Soil Probe
 - Water Sample Location
 - 30 Total VOCs Results in µg/L
 - 10 Total VOCs Results in mg/kg
 - ND = Not Detected
 - Above Listed Detection Limit



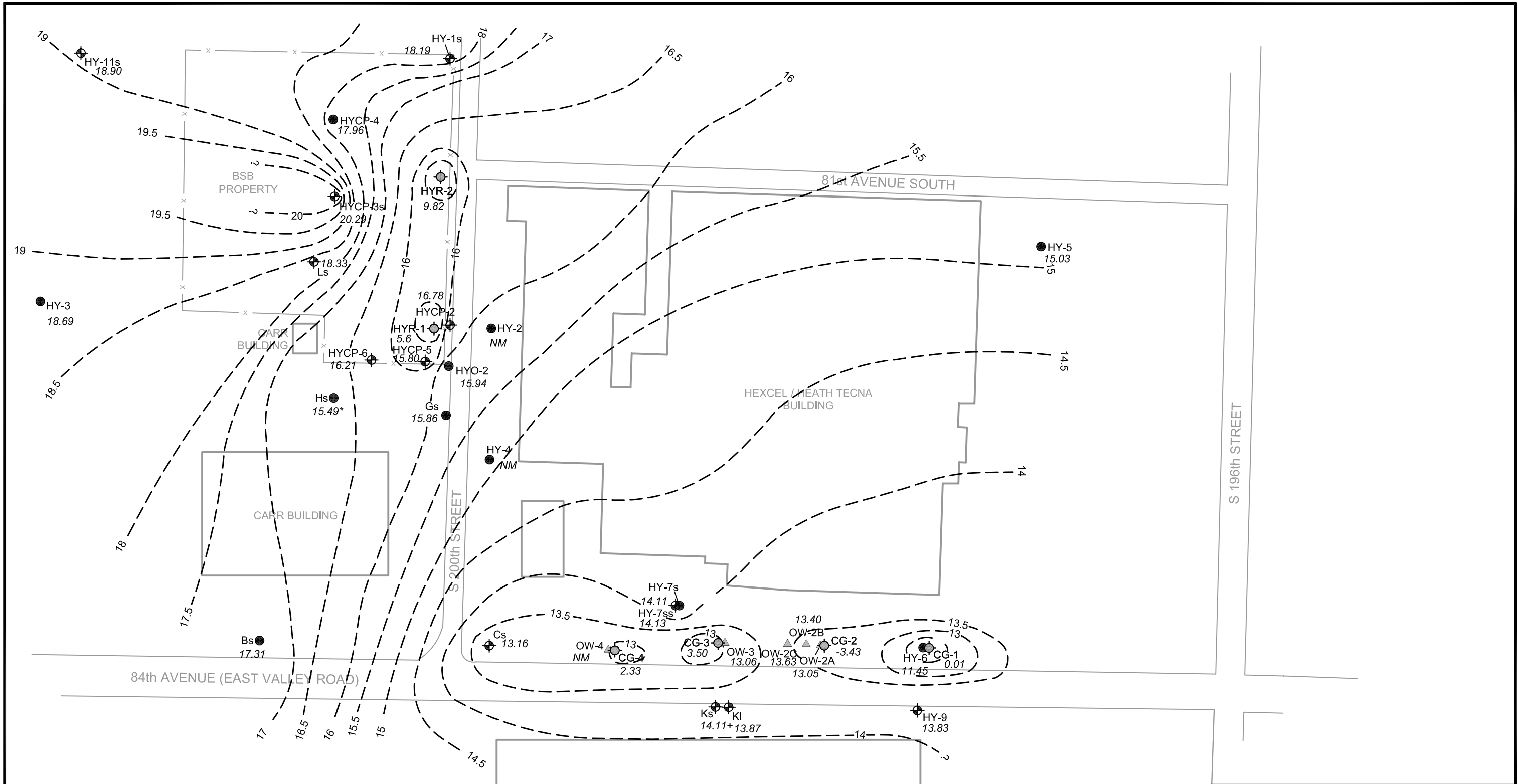
Source: IT Corporation (2001)



Geologic Cross Section H-H'
BSB Property
Kent, Washington

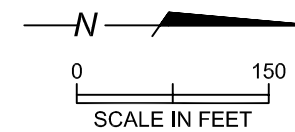
14

FIGURE
827.001.06.002 827.001.06.1204_fig 14
JOB NUMBER DRAWING NUMBER REVIEWED BY DATE
12/04



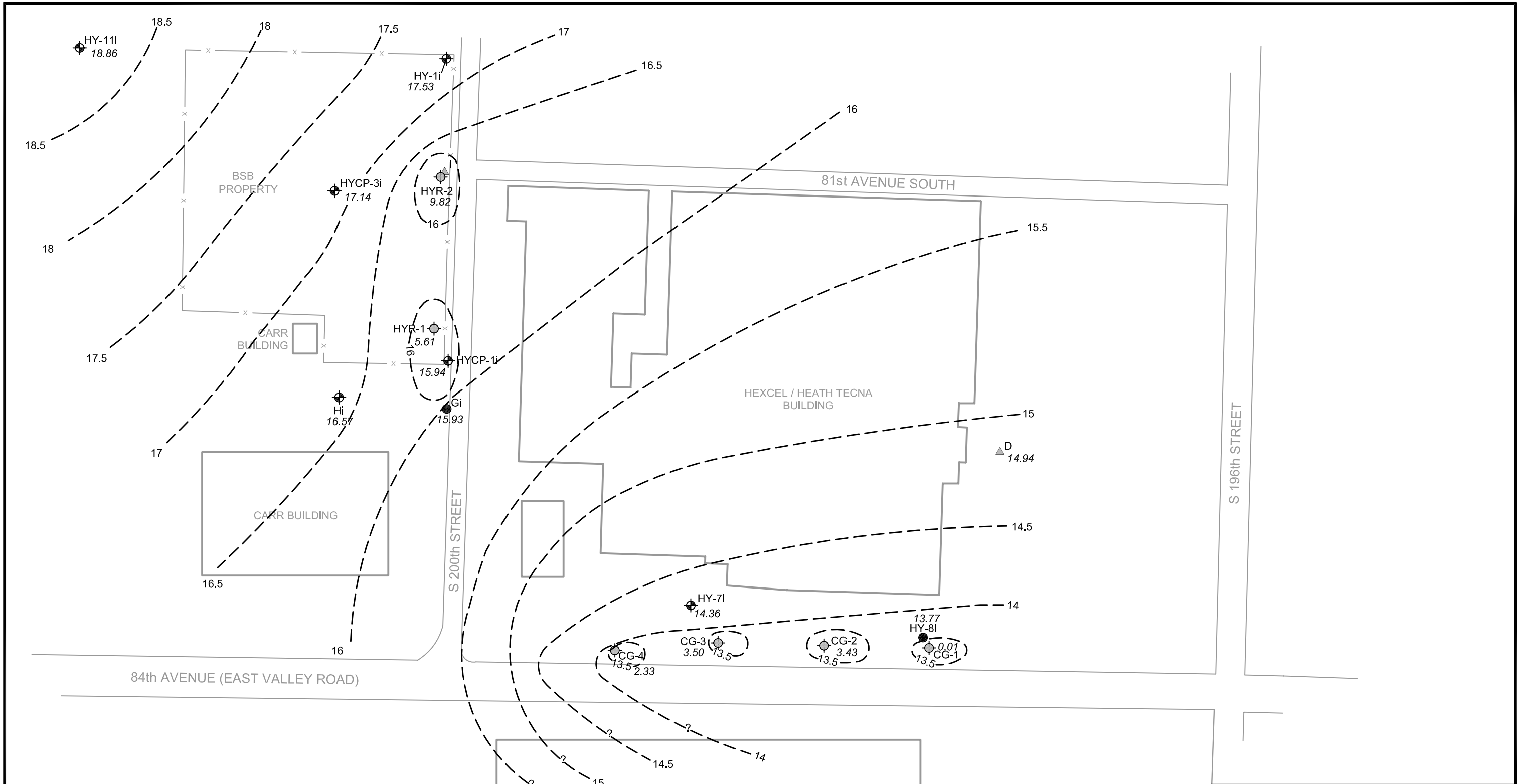
Legend

- HY-11s Groundwater Sampling and Groundwater Level Monitoring Well
- CG-2 Recovery Well
- HYCP-4 Water Level Monitoring Well
- OW-2A Piezometer/Observation Well
- * Anomalous Groundwater Elevation Not Used in Contouring
- NM Not Measured
- + Groundwater Elevation Not Used in Contouring Due to Shallow Well Screen
- Fence



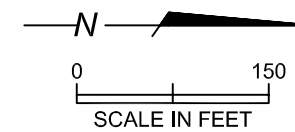
Water Table, Shallow Aquifer Zone
April 8, 2003
 Kent, Washington

FIGURE
15



Legend

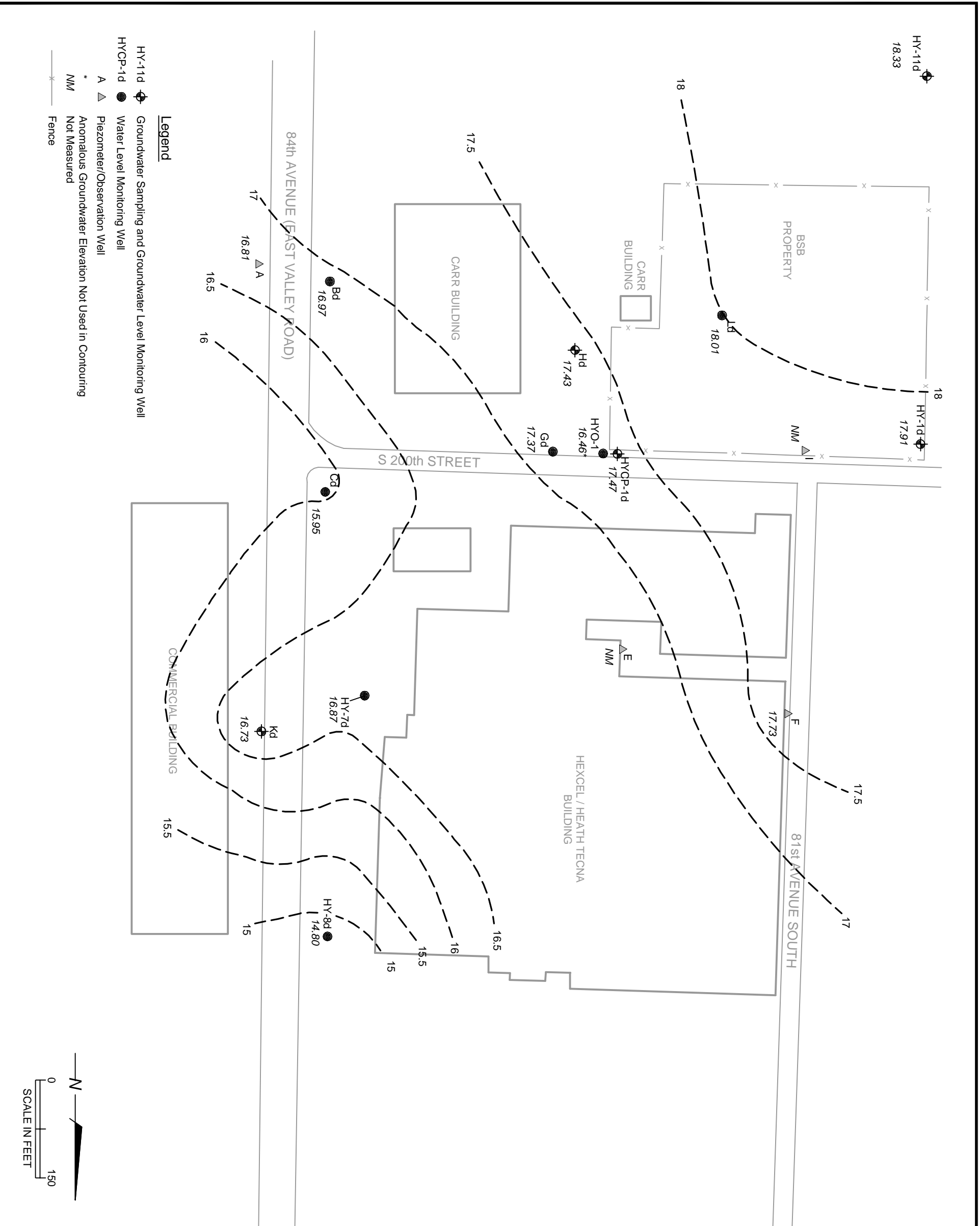
- HY-11i Groundwater Sampling and Groundwater Level Monitoring Well
- CG-2 Recovery Well
- HYCP-1i Water Level Monitoring Well
- D Piezometer/Observation Well
- NM Not Measured
- Fence



**Potentiometric Surface,
Intermediate Aquifer Zone
April 8, 2003
Kent, Washington**

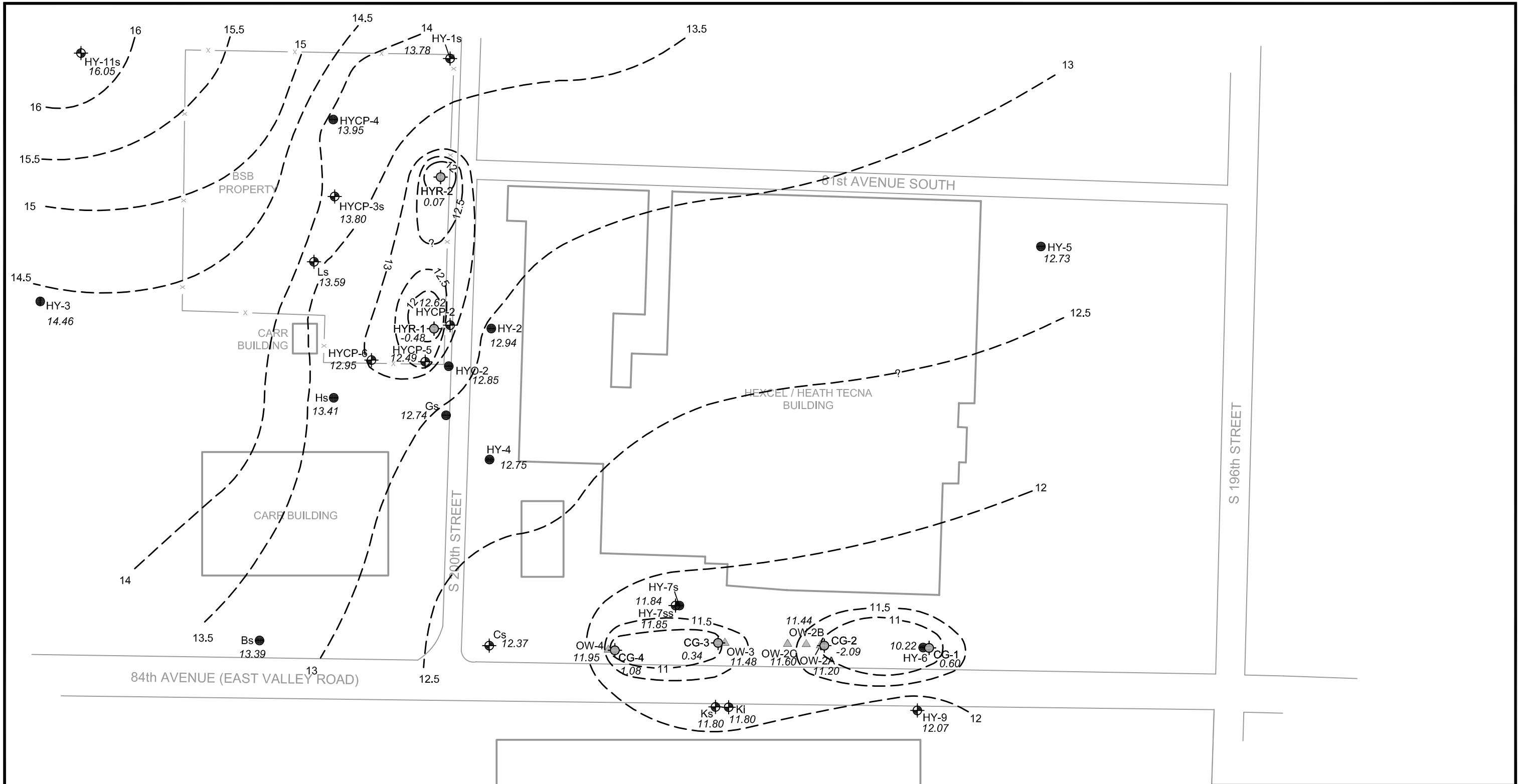
FIGURE

16

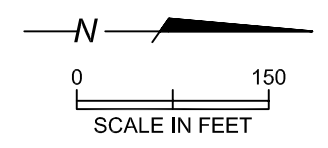


Potentiometric Surface,
Deep Aquifer Zone
April 8, 2003
Kent, Washington

FIGURE
17

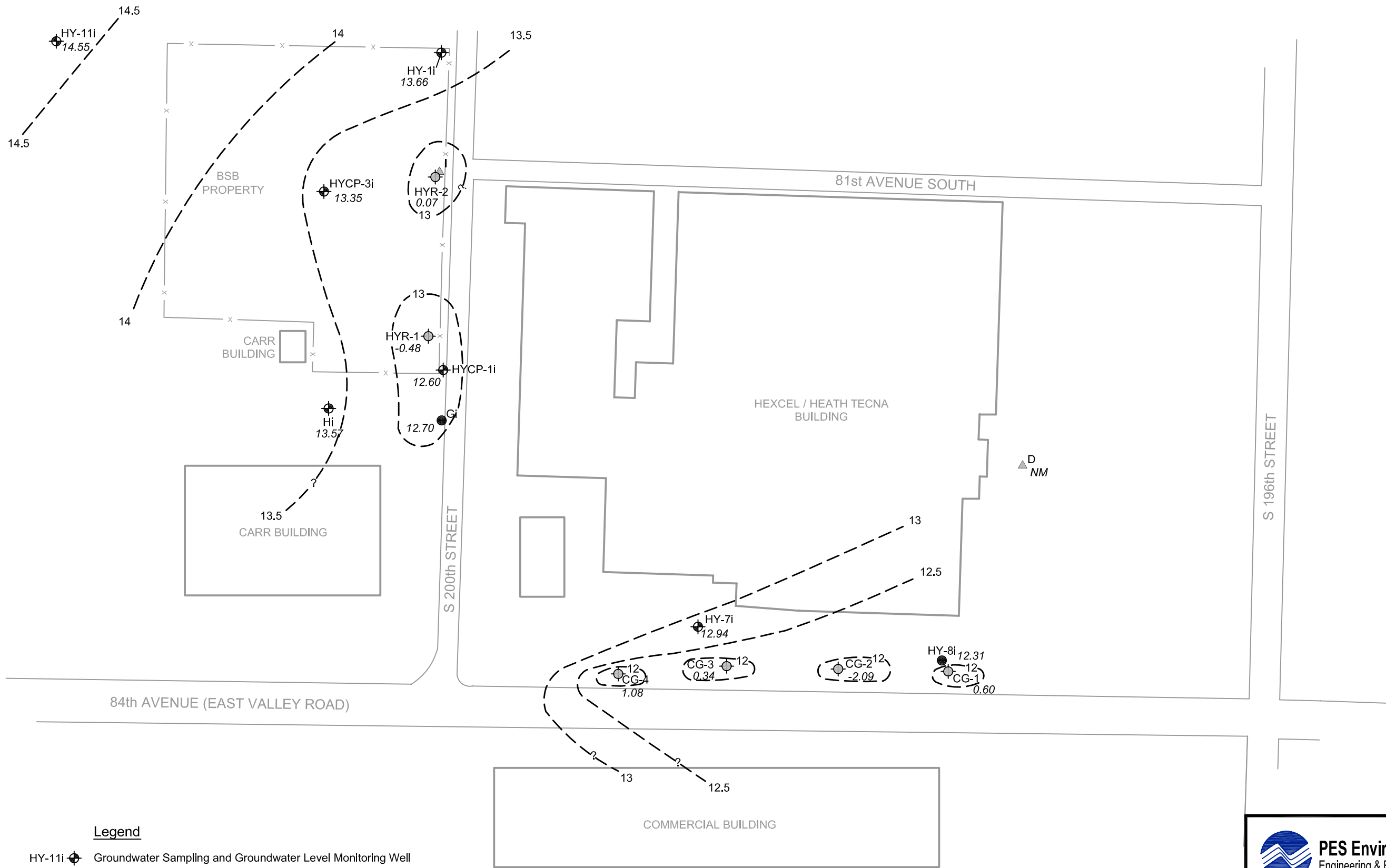


- Legend**
- HY-11s Groundwater Sampling and Groundwater Level Monitoring Well
 - CG-2 Recovery Well
 - HYCP-4 Water Level Monitoring Well
 - OW-2A Piezometer/Observation Well
 - NM Not Measured
 - Fence



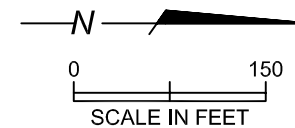
Water Table, Shallow Aquifer Zone
October 3, 2003
Kent, Washington

FIGURE
18



Legend

- HY-11i Groundwater Sampling and Groundwater Level Monitoring Well
- CG-2 Recovery Well
- HYCP-1i Water Level Monitoring Well
- D Piezometer/Observation Well
- NM Not Measured
- Fence

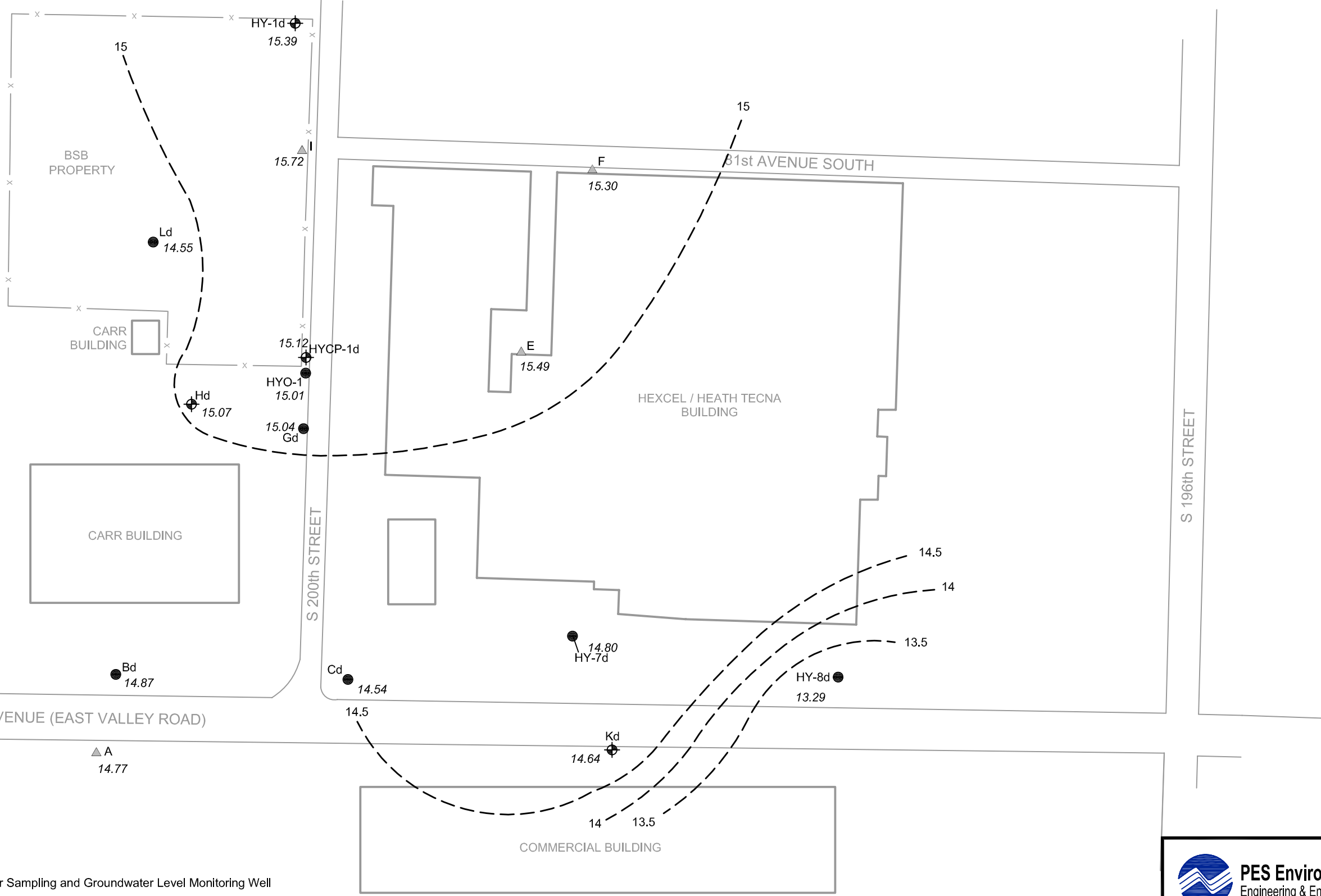


**Potentiometric Surface,
Intermediate Aquifer Zone
October 3, 2003
Kent, Washington**

FIGURE

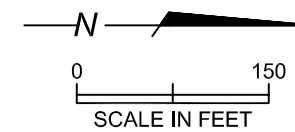
19

HY-11d
14.58



Legend

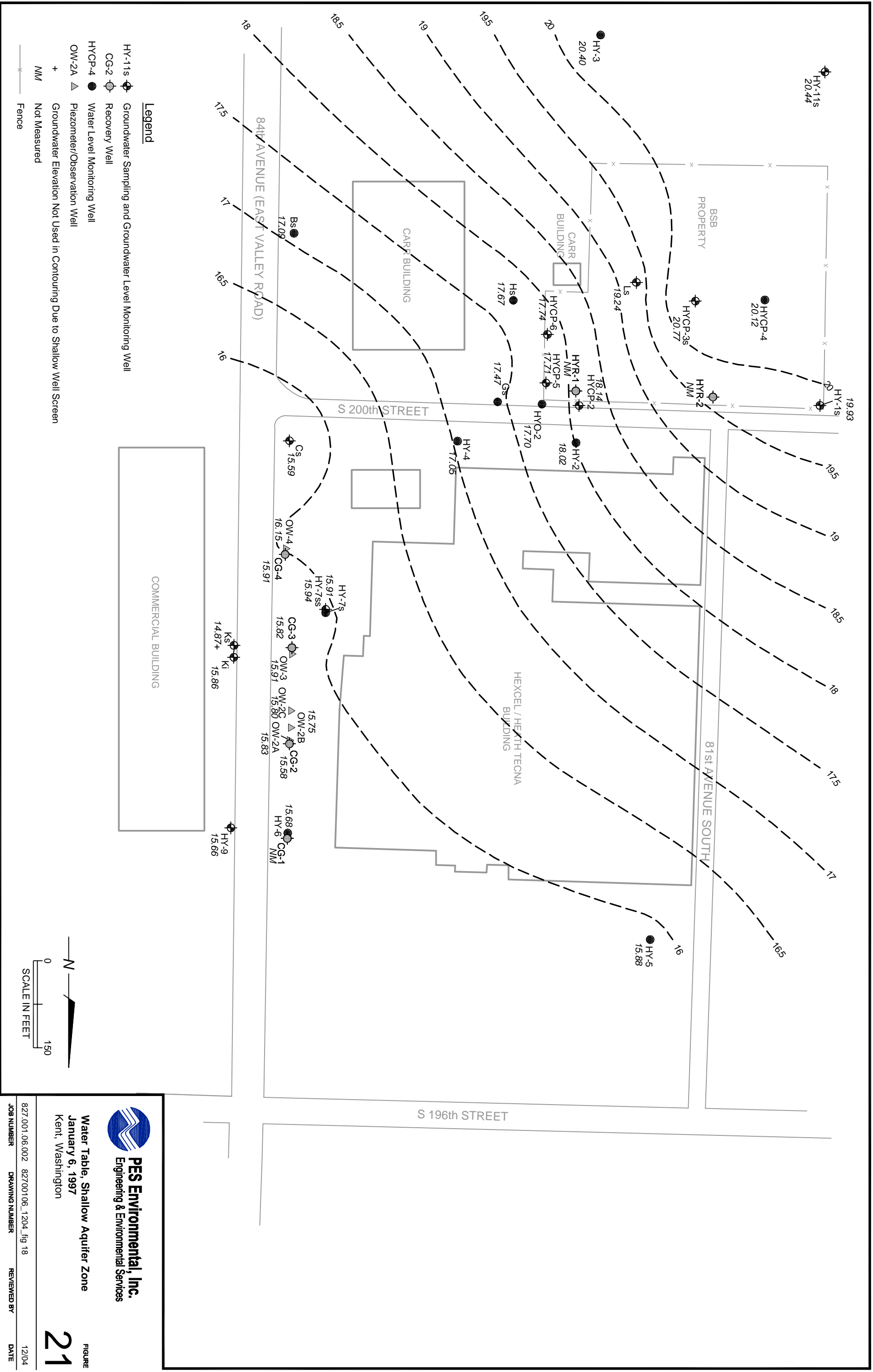
- HY-11d Groundwater Sampling and Groundwater Level Monitoring Well
- HYCP-1d Water Level Monitoring Well
- A Piezometer/Observation Well
- Fence



**Potentiometric Surface,
Deep Aquifer Zone
October 3, 2003
Kent, Washington**

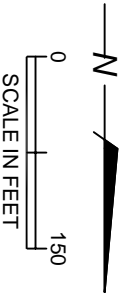
FIGURE

20



Legend

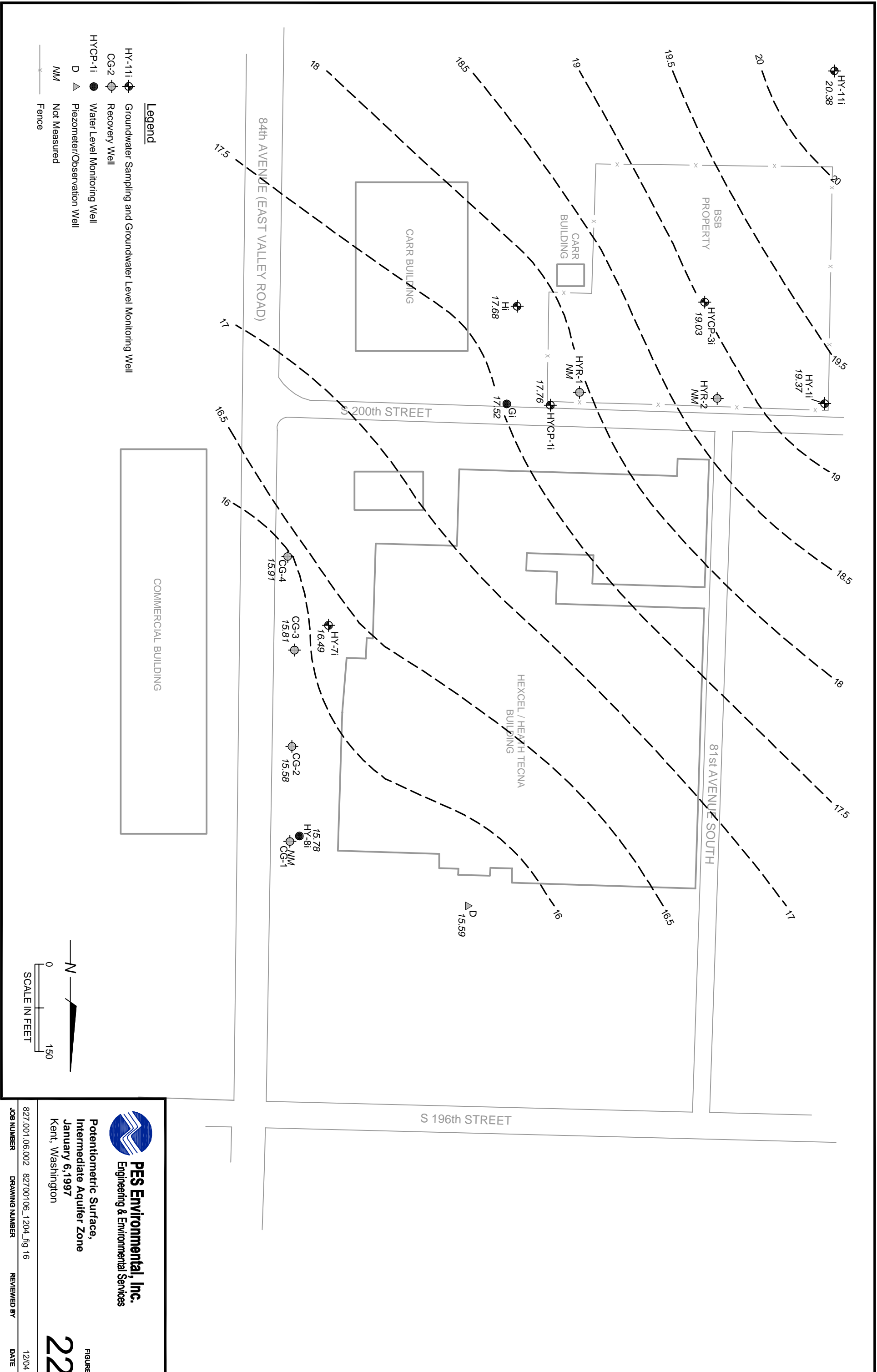
- HY-1s Groundwater Sampling and Groundwater Level Monitoring Well
- CG-2 Recovery Well
- HYP-4 Water Level Monitoring Well
- OW-2A Piezometer/Observation Well
- +
- MM Groundwater Elevation Not Used in Contouring Due to Shallow Well Screen
- x- Fence



Water Table, Shallow Aquifer Zone
January 6, 1997
Kent, Washington

FIGURE
21

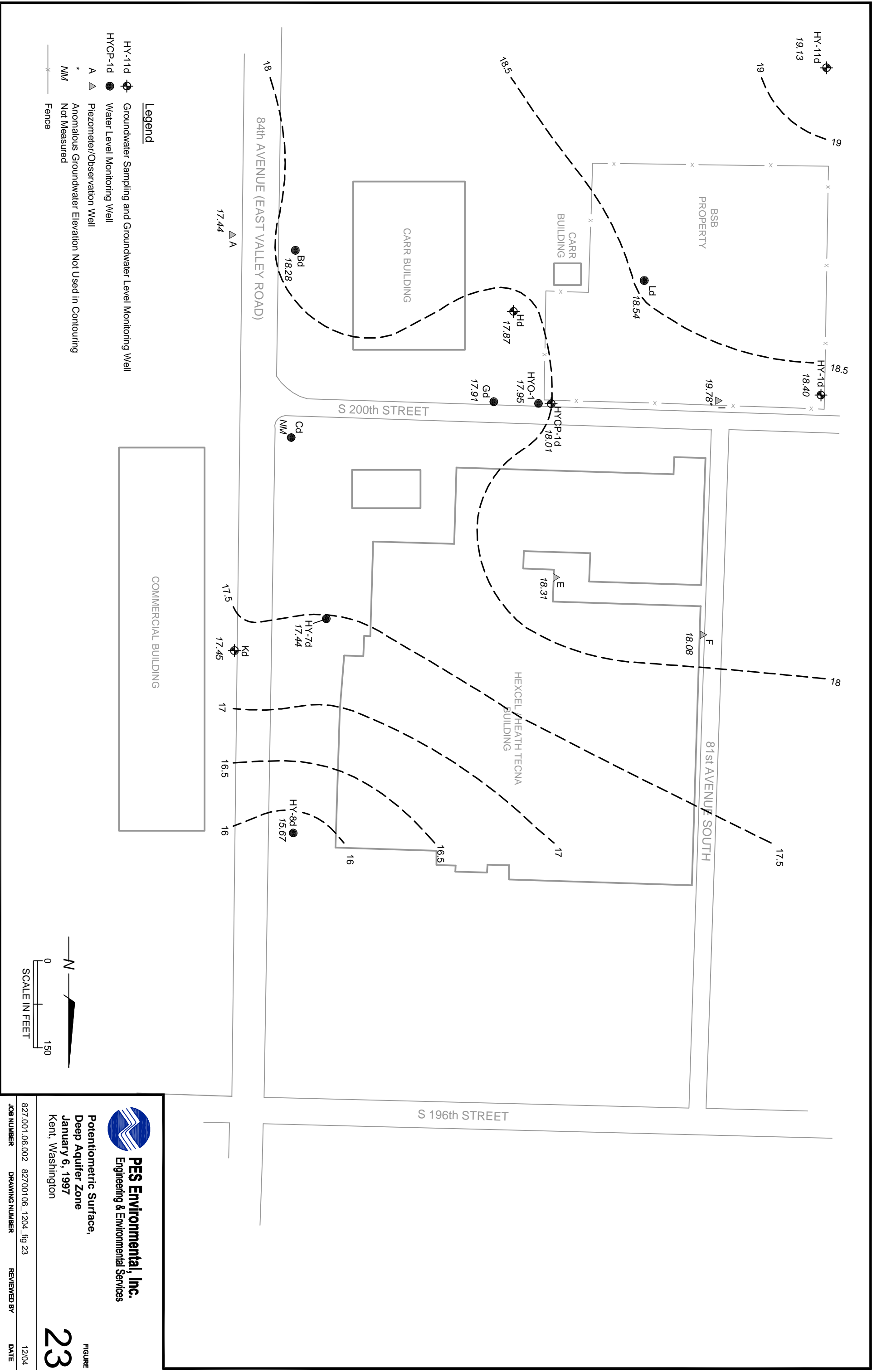
827.001.06.002 827/001/06_1204_fig 18
JOB NUMBER DRAWING NUMBER REVIEWED BY DATE



Potentiometric Surface,
Intermediate Aquifer Zone
January 6, 1997
Kent, Washington

FIGURE
22

827.001.06.002 827/00106_1204_fig 16
JOB NUMBER DRAWING NUMBER REVIEWED BY DATE

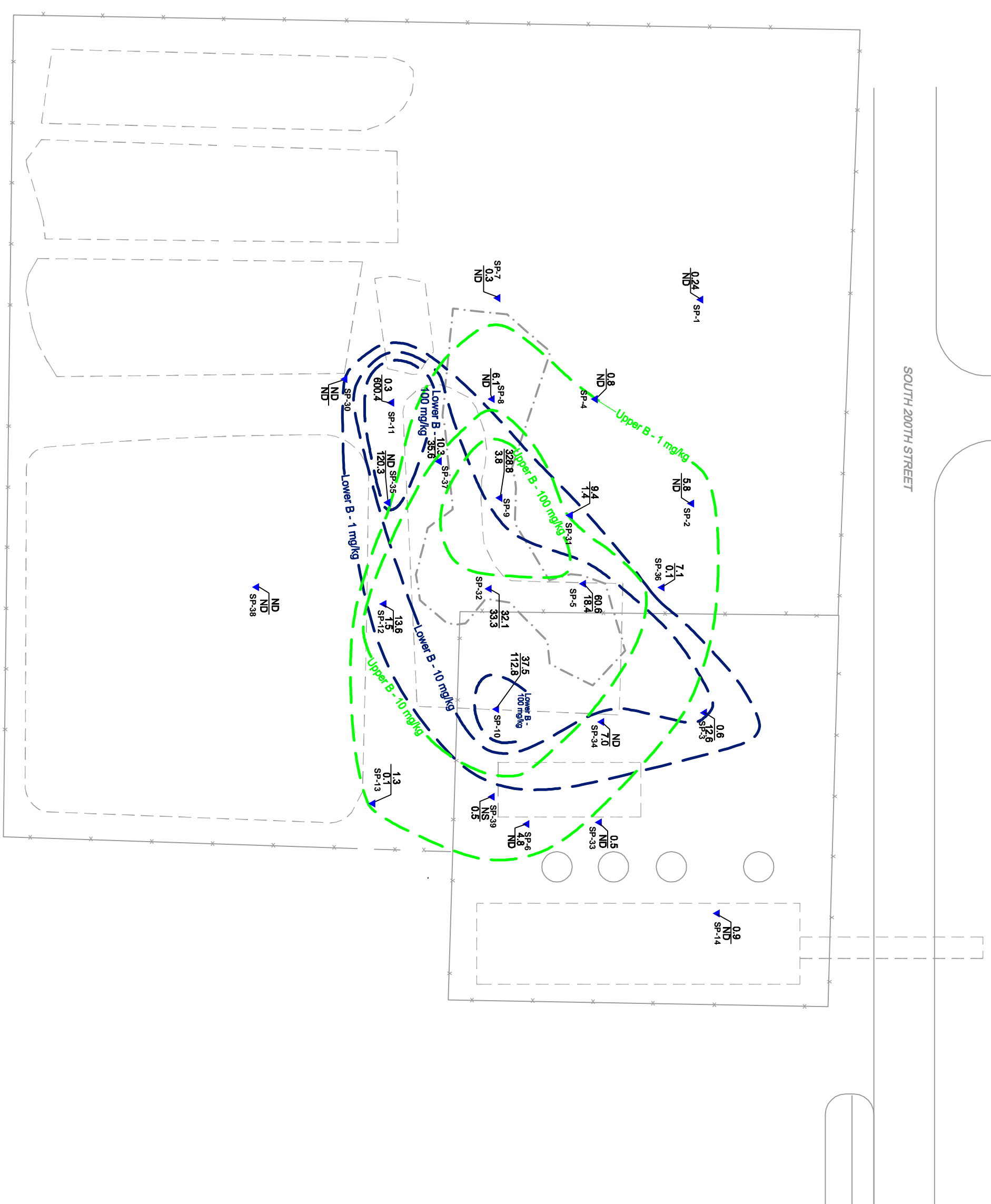


Potentiometric Surface,
 Deep Aquifer Zone
 January 6, 1997
 Kent, Washington

FIGURE
23

827.001.06.002 827/00106_1204_fig 23
 JOB NUMBER DRAWING NUMBER REVIEWED BY DATE

SOUTH 200TH STREET



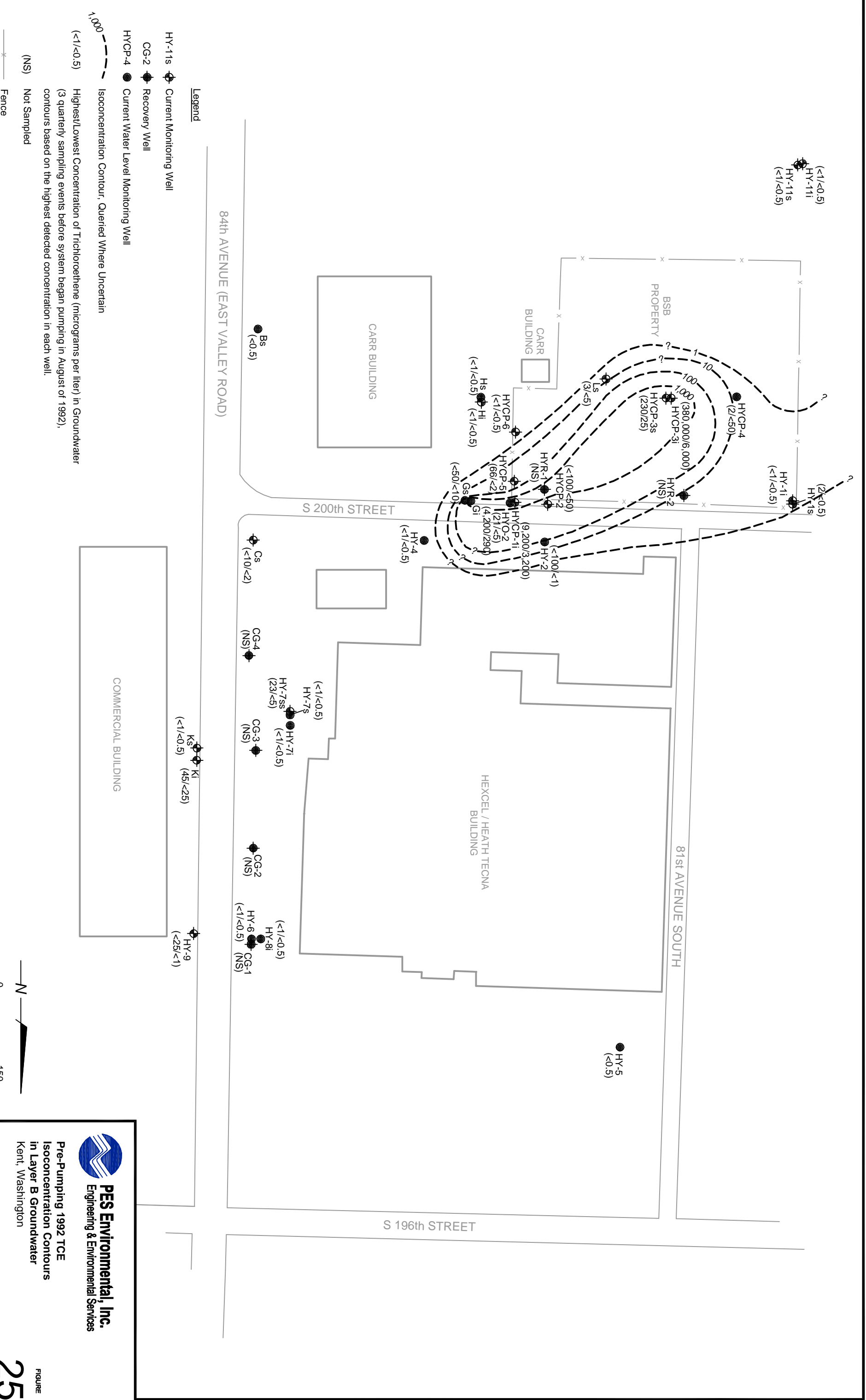
- LEGEND:
- 9.4 MAX. VALUE TOTAL VOCs (MG/KG) REPORTED IN UPPER LAYER B SOIL
 - 1.4 MAX. VALUE TOTAL VOCs (MG/KG) REPORTED IN LOWER LAYER B SOIL
 - SP-2 DIRECT-PUSH SOIL BORING
 - VOC CONTOUR - UPPER LAYER B
 - VOC CONTOUR - LOWER LAYER B
 - APPROXIMATE LOCATION OF UNSATURATED ZONE SOIL EXCAVATION
 - ABOVE-GROUND TANK

NOTE:
 1. Data Associated with "SP" Designated Soil Borings were Collected During the November/December 2000 Source Investigation.



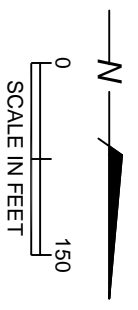
Extent of VOCs in Parcel G Soil
 BSB Property
 Kent, Washington

FIGURE
24



Legend

- HY-11s Current Monitoring Well
- CG-2 Recovery Well
- HYCP-4 Current Water Level Monitoring Well
- Isoconcentration Contour, Queried Where Uncertain
- (<1/<0.5) Highest/Lowest Concentration of Trichloroethene (micrograms per liter) in Groundwater (3 quarterly sampling events before system began pumping in August of 1992), contours based on the highest detected concentration in each well.
- (NS) Not Sampled
- Fence

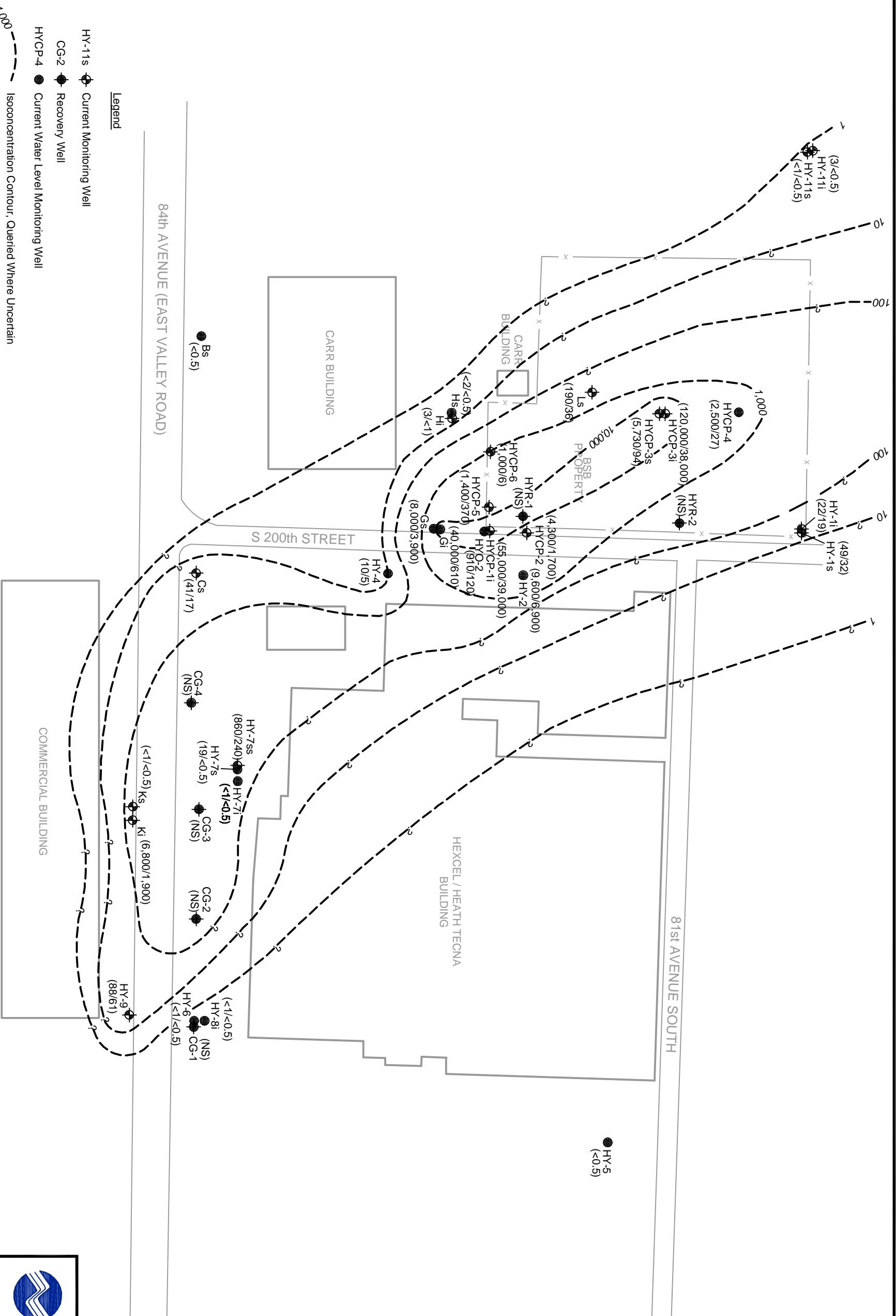


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Engineering & Environmental Services

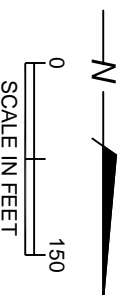
Pre-Pumping 1992 TCE
Isoconcentration Contours
in Layer B Groundwater
Kent, Washington

FIGURE
25

827.001.06.002 82700106_1204_fig 25
JOB NUMBER DRAWING NUMBER REVIEWED BY DATE



- Legend**
- HY-11s Current Monitoring Well
 - CG-2 Recovery Well
 - HYCP-4 Current Water Level Monitoring Well
 - - - Isoconcentration Contour, Queried Where Uncertain
 - (<1/<0.5) Highest/Lowest Concentration of cis-1,2-Dichloroethene (micrograms per liter) in Groundwater (3 quarterly sampling events before system pumping began in August of 1992), contours based on the highest detected concentration in each well.
 - (NS) Not Sampled
 - * — Fence



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Pre-pumping 1992 cis-1,2-DCE Isoconcentration
Contours in Layer B Groundwater
Kent, Washington

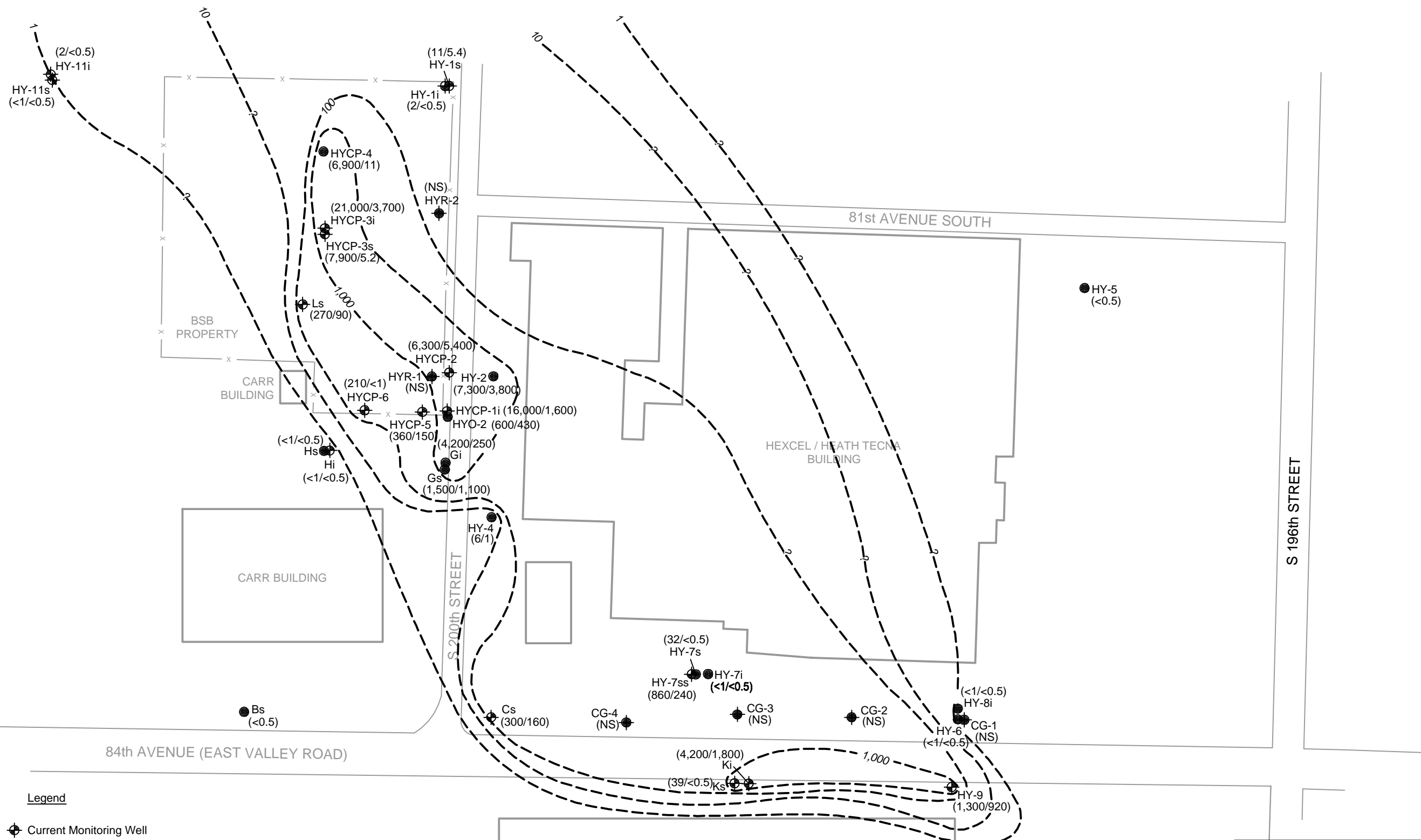
26

JOB NUMBER 827.001.06.002 82700106_1204_fig 26

DRAWING NUMBER

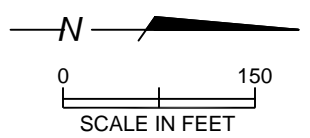
REVIEWED BY

DATE 12/04



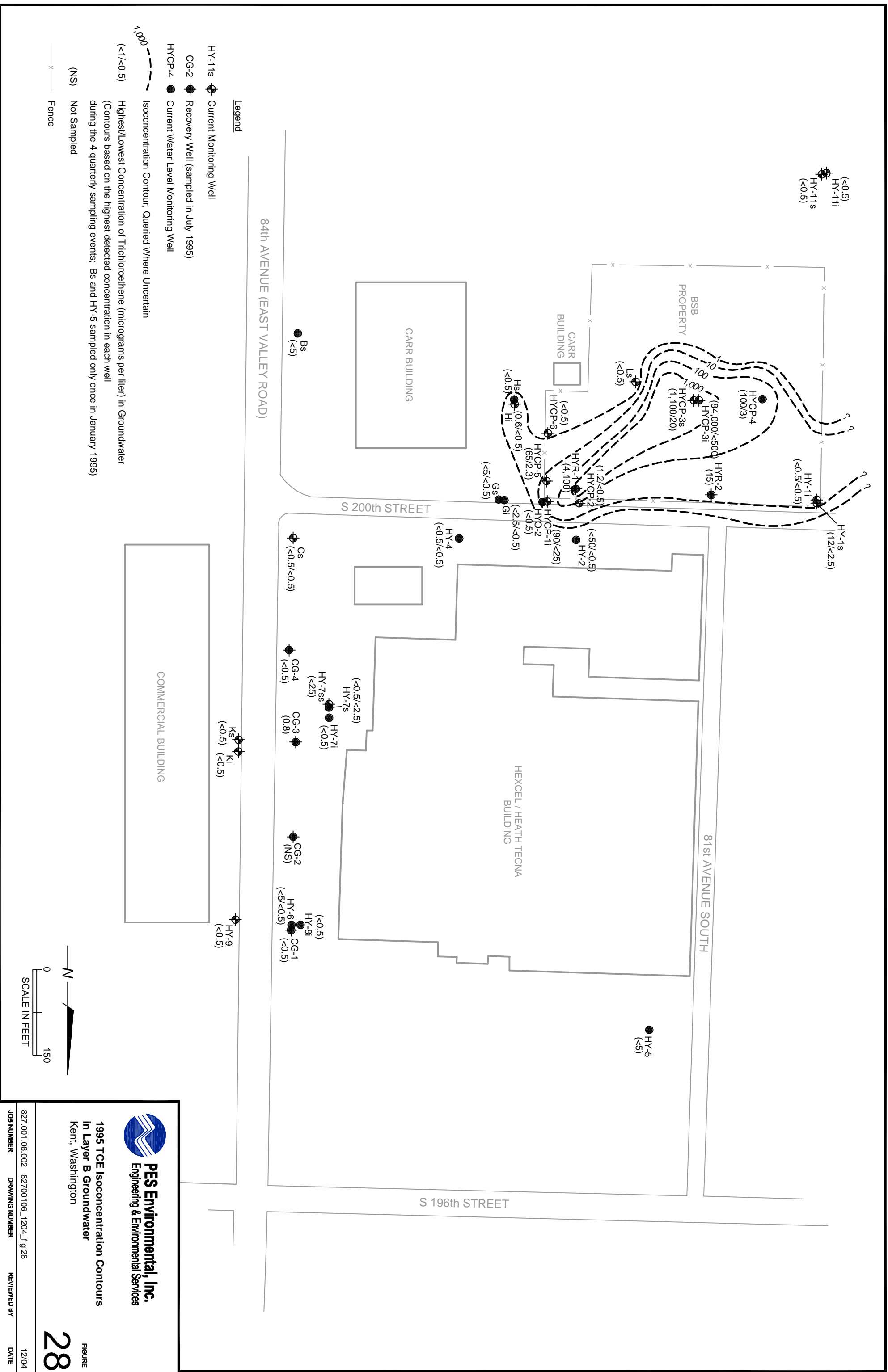
Legend

- HY-11s Current Monitoring Well
- CG-2 Recovery Well
- HYCP-4 Current Water Level Monitoring Well
- 1,000 Isoconcentration Contour, Queried Where Uncertain
- (<1/<0.5) Highest/Lowest Concentration of Vinyl Chloride (micrograms per liter) in Groundwater (3 quarterly sampling events before system began pumping in August of 1992), contours based on the highest detected concentration in each well.
- (NS) Not Sampled
- Fence

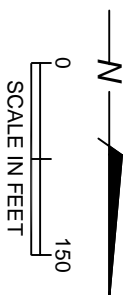


Pre-Pumping 1992 Vinyl Chloride Isoconcentration Contours in Layer B Groundwater
Kent, Washington

FIGURE
27



- Legend**
- HY-11s Current Monitoring Well
 - CG-2 Recovery Well (sampled in July 1995)
 - HYCP-4 Current Water Level Monitoring Well
 - - - - - Isoconcentration Contour, Queried Where Uncertain
 - (<math><1/<math><math><0.5</math>) Highest/Lowest Concentration of Trichloroethene (micrograms per liter) in Groundwater (Contours based on the highest detected concentration in each well during the 4 quarterly sampling events; Bs and HY-5 sampled only once in January 1995)
 - (NS) Not Sampled
 - x - Fence

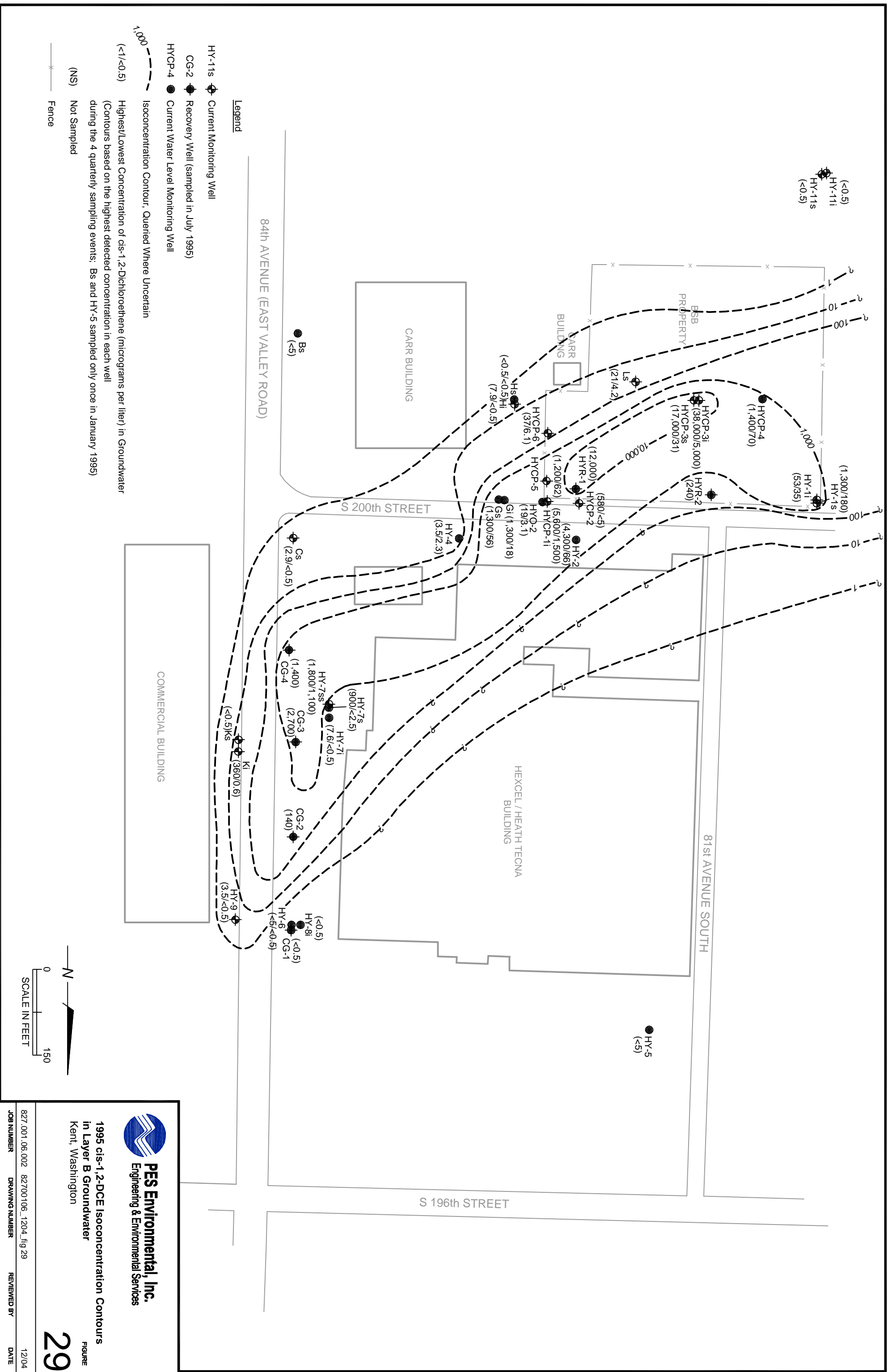


1995 TCE Isoconcentration Contours
in Layer B Groundwater
Kent, Washington

28

FIGURE

827.001.06.002 82700106_1204_fig 28
JOB NUMBER DRAWING NUMBER REVIEWED BY DATE



- Legend**
- HY-11s Current Monitoring Well
 - CG-2 Recovery Well (sampled in July 1995)
 - HYCP-4 Current Water Level Monitoring Well
 - Isoconcentration Contour, Queried Where Uncertain
 - (<1/<0.5) Highest/Lowest Concentration of cis-1,2-Dichloroethene (micrograms per liter) in Groundwater
(Contours based on the highest detected concentration in each well during the 4 quarterly sampling events; Bs and HY-5 sampled only once in January 1995)
 - (NS) Not Sampled
 - Fence

COMMERCIAL BUILDING

CARR BUILDING

HEXCEL/HEATH TECNNA BUILDING

81st AVENUE SOUTH

84th AVENUE (EAST VALLEY ROAD)

S 200th STREET

S 196th STREET

HY-5
(<5)

(<0.5)
HY-11i
HY-11s
(<0.5)

HYCP-4
(1,400/70)

HYCP-3i
(38,000/5,000)
HYCP-3s
(17,000/31)

HYR-2
(240)

LS
(21/4.2)

CARR BUILDING

BSB PROPERTY

HS
(<0.5/<0.5)HI
(7.9/<0.5)

HYCP-6
(37/6.1)

HYR-1
(12,000)

HYCP-2
(580/<5)

HYO-2
(19/3.1)

HY-2
(4,300/66)

HYCP-1i
(5,600/1,500)

GI
(1,300/18)

GS
(1,300/56)

HY-1s
(53/35)

HY-1i
(1,300/180)

HY-1s
(1,300/180)

HY-4
(3.5/2.3)

CS
(2.9/<0.5)

HY-7s
(900/<2.5)

HY-7i
(7.6/<0.5)

HY-7ss
(1,800/1,100)

CG-4
(1,400)

CG-3
(2,700)

CG-4
(1,400)

KI
(3600/6)

KS
(<0.5)

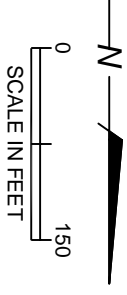
HY-9
(3.5/<0.5)

HY-6
(<5/<0.5)

HY-8i
(<0.5)

HY-8i
(<0.5)

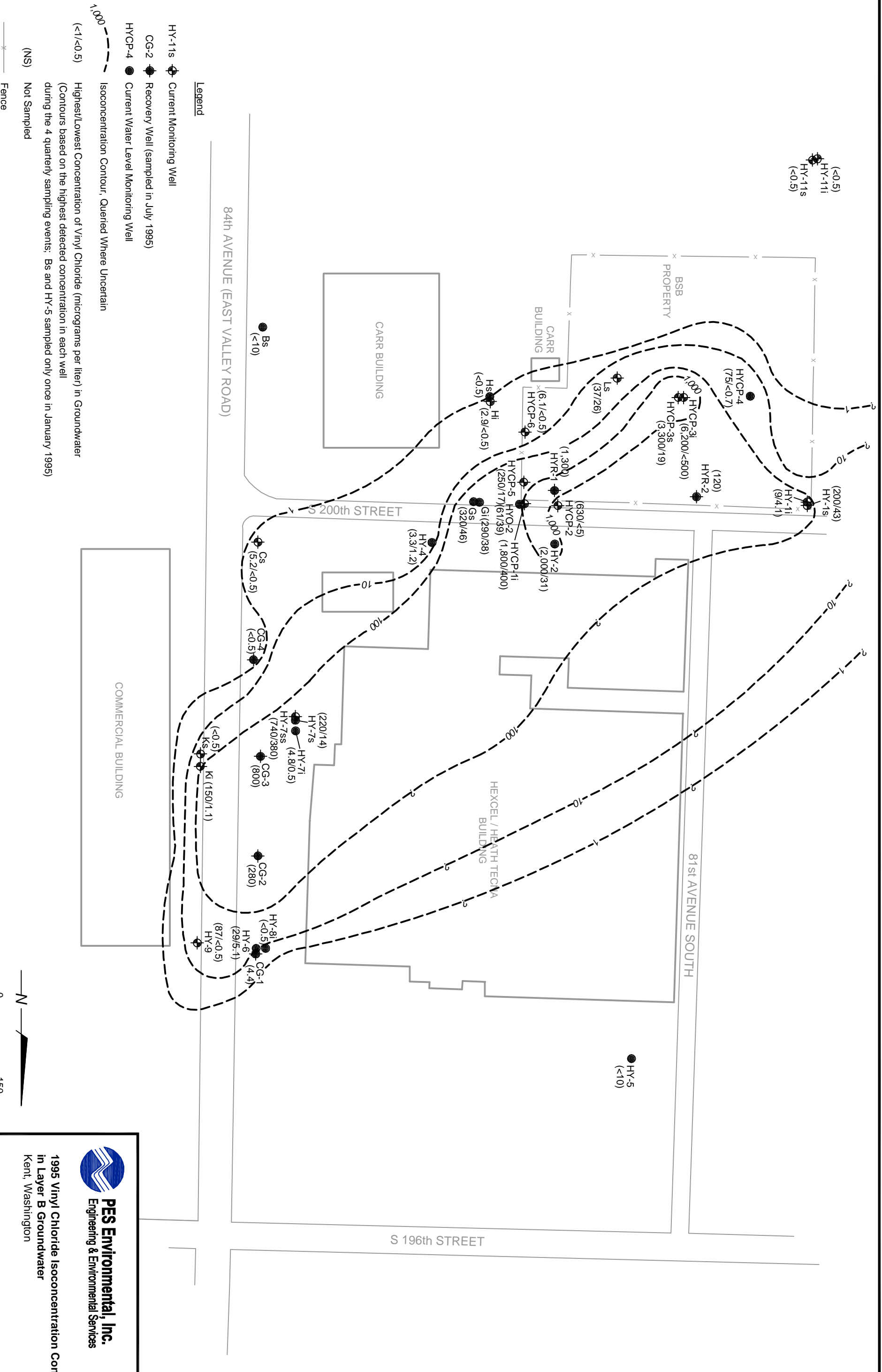
CG-1
(<0.5)



1995 cis-1,2-DCE Isoconcentration Contours
in Layer B Groundwater
Kent, Washington

29

JOB NUMBER 827.001.06.002 DRAWING NUMBER 82700106_1204_fig 29 REVIEWED BY DATE 12/04



- Legend**
- HY-11s Current Monitoring Well
 - CG-2 Recovery Well (sampled in July 1995)
 - HYCP-4 Current Water Level Monitoring Well
 - Isococoncentration Contour, Queried Where Uncertain
 - (<1/<0.5) Highest/Lowest Concentration of Vinyl Chloride (micrograms per liter) in Groundwater
 - (Contours based on the highest detected concentration in each well during the 4 quarterly sampling events; Bs and HY-5 sampled only once in January 1995)
 - (NS) Not Sampled
 - Fence

84th AVENUE (EAST VALLEY ROAD)

CARR BUILDING

BSB PROPERTY

CARR BUILDING

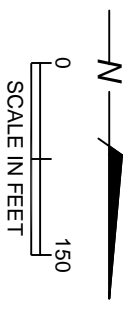
5 200th STREET

HEXCEL/HEATH TECHN A BUILDING

COMMERCIAL BUILDING

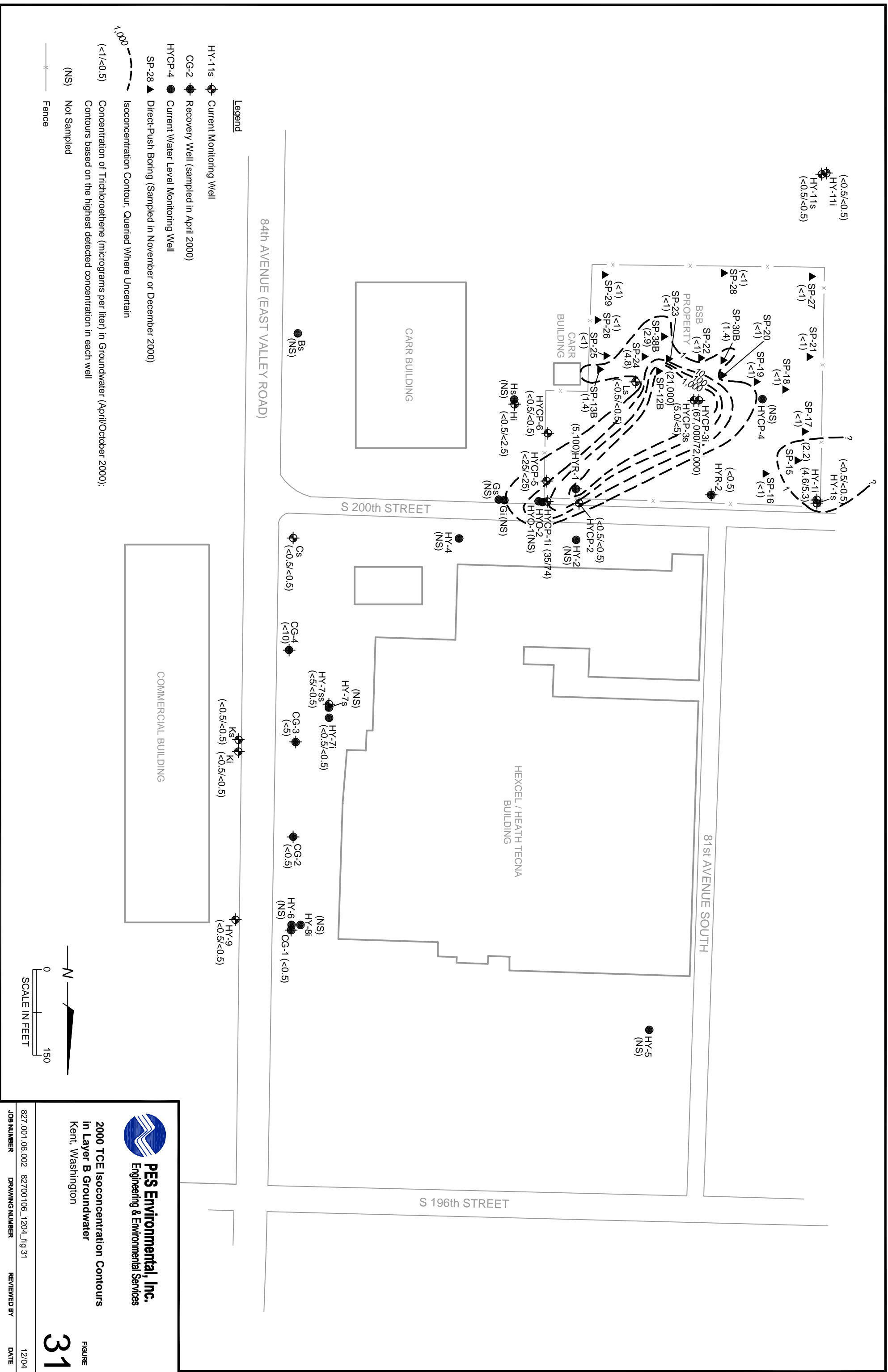
81st AVENUE SOUTH

S 196th STREET



1995 Vinyl Chloride Isoconcentration Contours
in Layer B Groundwater
Kent, Washington

30



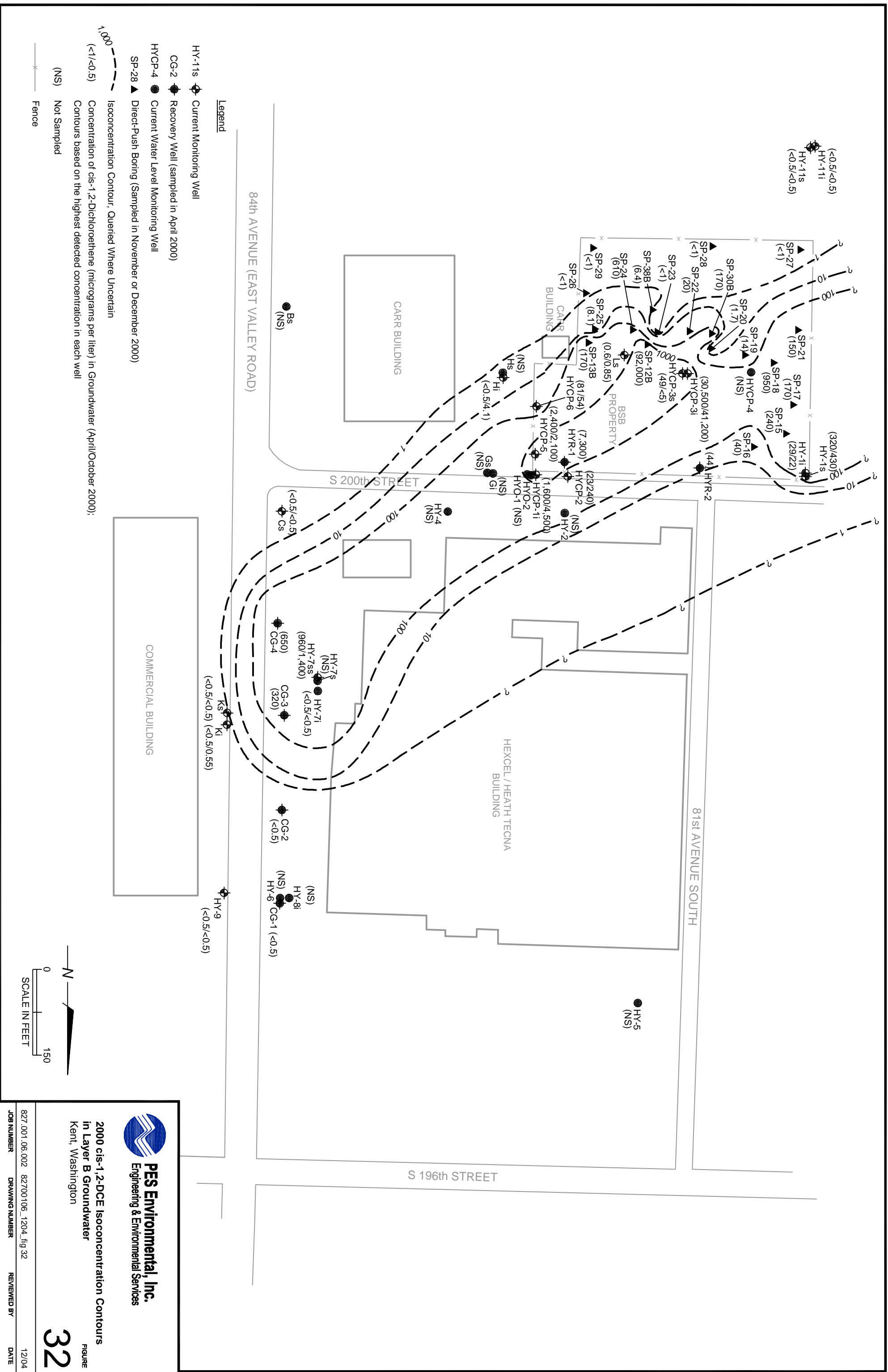
- Legend**
- HY-11s Current Monitoring Well
 - CG-2 Recovery Well (sampled in April 2000)
 - HYCP-4 Current Water Level Monitoring Well
 - SP-28 Direct-Push Boring (Sampled in November or December 2000)
 - Isocenters Contour, Queried Where Uncertain
 - (<1/<0.5) Concentration of Trichloroethene (micrograms per liter) in Groundwater (April/October 2000);
 - (NS) Contours based on the highest detected concentration in each well
 - (NS) Not Sampled
 - Fence

Legend

- HY-11s Current Monitoring Well
- CG-2 Recovery Well (sampled in April 2000)
- HYCP-4 Current Water Level Monitoring Well
- SP-28 Direct-Push Boring (Sampled in November or December 2000)
- Isocenters Contour, Queried Where Uncertain
- (<1/<0.5) Concentration of Trichloroethene (micrograms per liter) in Groundwater (April/October 2000);
- (NS) Contours based on the highest detected concentration in each well
- (NS) Not Sampled
- Fence

PES Environmental, Inc.
 Engineering & Environmental Services

2000 TCE Isoconcentration Contours
 in Layer B Groundwater
 Kent, Washington



Legend

- HY-11s Current Monitoring Well
- CG-2 Recovery Well (sampled in April 2000)
- HYCP-4 Current Water Level Monitoring Well
- SP-28 Direct-Push Boring (Sampled in November or December 2000)
- Isoconcentration Contour, Queried Where Uncertain

(<1/<0.5) Concentration of cis-1,2-Dichloroethene (micrograms per liter) in Groundwater (April/October 2000);
 Contours based on the highest detected concentration in each well

(NS) Not Sampled

Fence

SCALE IN FEET

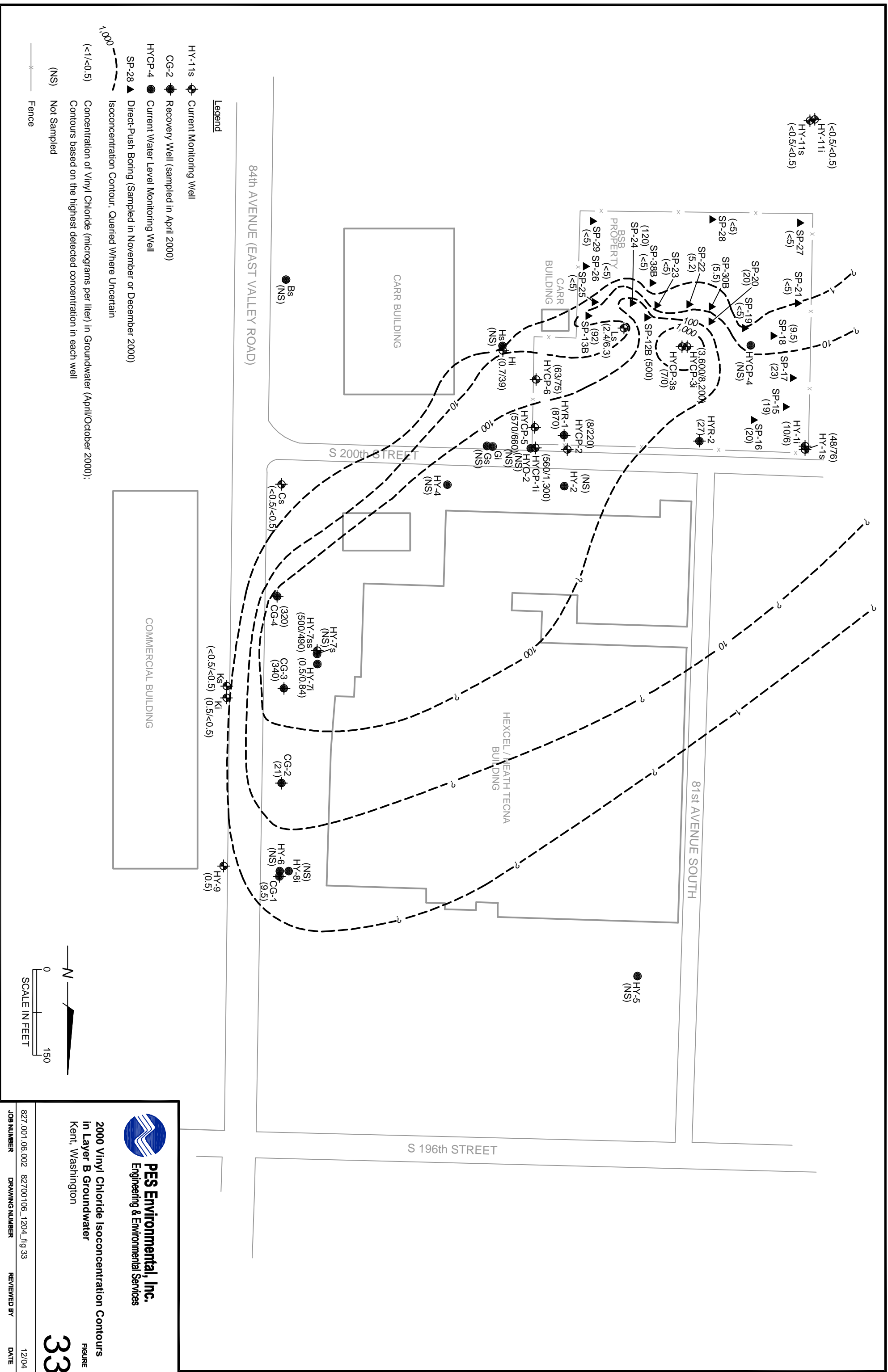
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PES Environmental, Inc.
 Engineering & Environmental Services

2000 cis-1,2-DCE Isoconcentration Contours
 in Layer B Groundwater
 Kent, Washington

32

827.001.06.002 82700106_1204_fig 32
 JOB NUMBER DRAWING NUMBER REVIEWED BY DATE



- Legend**
- HY-11s Current Monitoring Well
 - CG-2 Recovery Well (sampled in April 2000)
 - HYCP-4 Current Water Level Monitoring Well
 - SP-28 Direct-Push Boring (Sampled in November or December 2000)
 - Isoconcentration Contour, Queried Where Uncertain
 - ($<1/<0.5$) Concentration of Vinyl Chloride (micrograms per liter) in Groundwater (April/October 2000):
 - Contours based on the highest detected concentration in each well
 - (NS) Not Sampled
 - Fence

84th AVENUE (EAST VALLEY ROAD)

S 200th STREET

81st AVENUE SOUTH

S 196th STREET

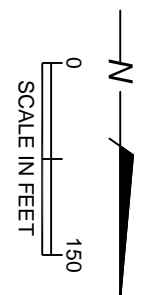
CARR BUILDING

PROPERTY BSB

CARR BUILDING

HEXCEL/REATH TECNNA BUILDING

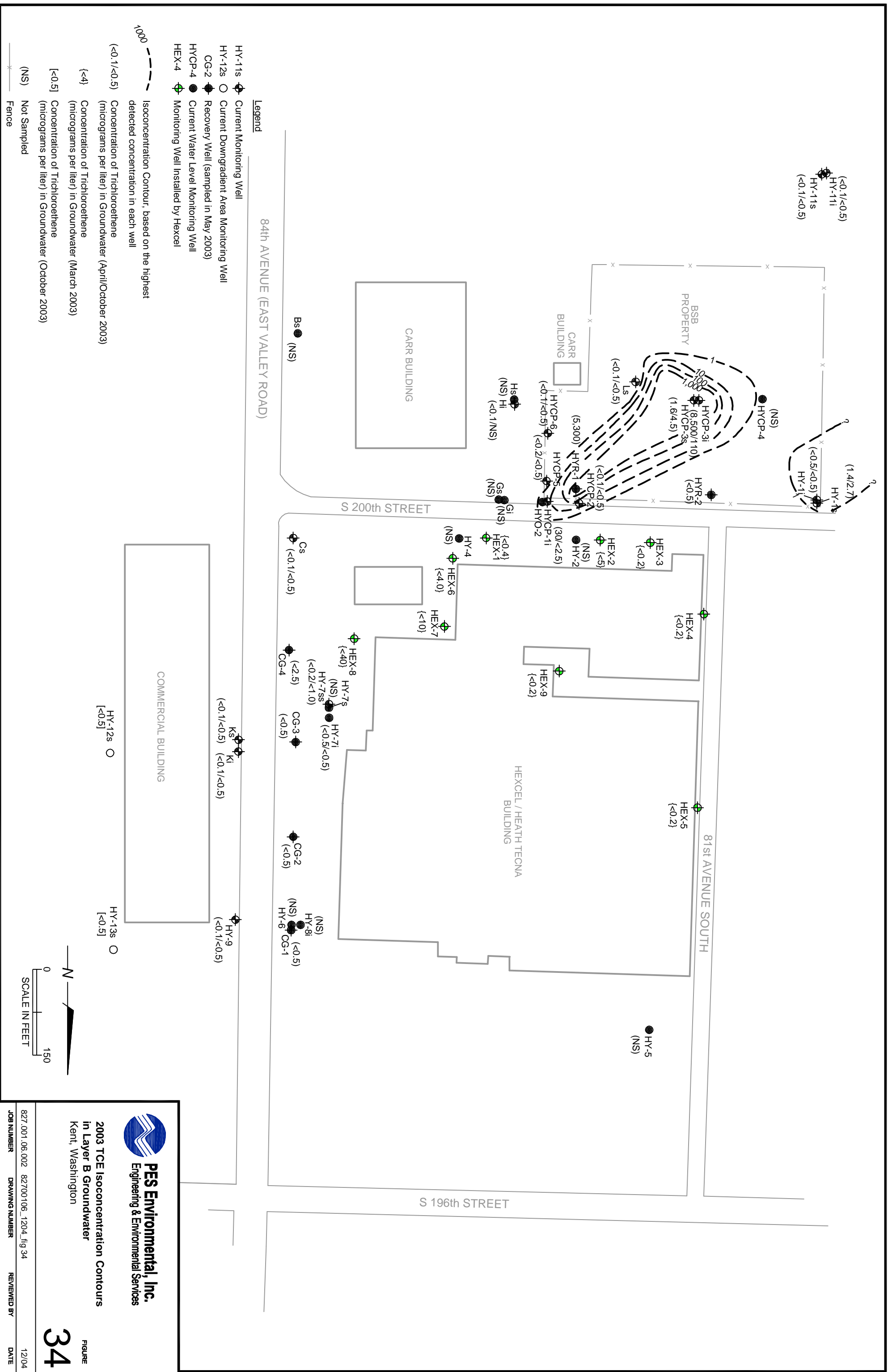
COMMERCIAL BUILDING



2000 Vinyl Chloride Isoconcentration Contours
 in Layer B Groundwater
 Kent, Washington

33

827.001.06.002 82700106_1204_fig 33
 JOB NUMBER DRAWING NUMBER REVIEWED BY DATE



Isocentration Contour, based on the highest detected concentration in each well

(<0.1/<0.5) Concentration of Trichloroethene (micrograms per liter) in Groundwater (April/October 2003)

{<4} Concentration of Trichloroethene (micrograms per liter) in Groundwater (March 2003)

[<0.5] Concentration of Trichloroethene (micrograms per liter) in Groundwater (October 2003)

(NS) Not Sampled

Fence

84th AVENUE (EAST VALLEY ROAD)

S 200th STREET

81st AVENUE SOUTH

S 196th STREET

COMMERCIAL BUILDING

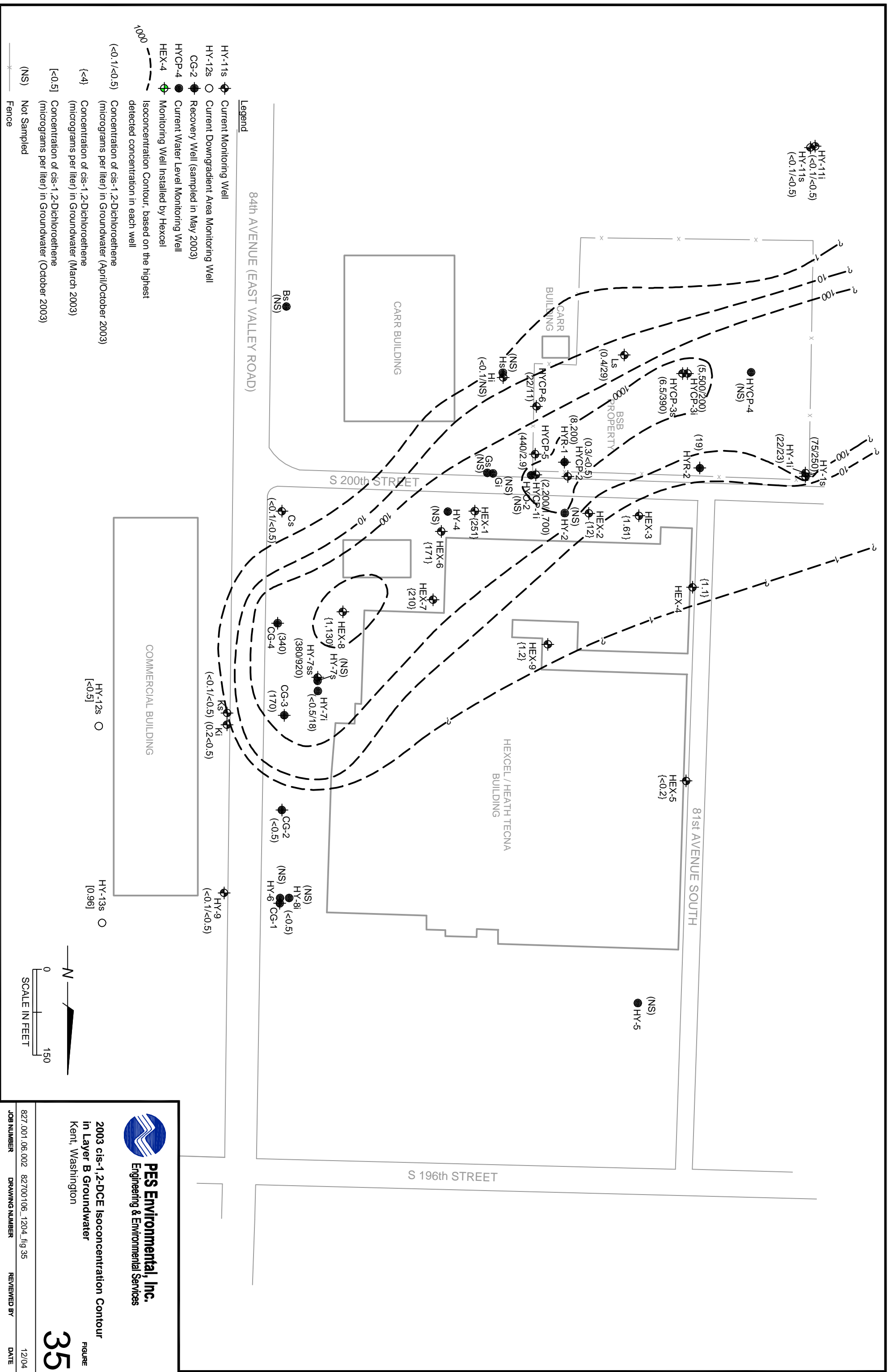
CARR BUILDING

HEXCEL / HEATH TECNNA BUILDING



2003 TCE Isocentration Contours
in Layer B Groundwater
Kent, Washington

FIGURE
34



- Legend**
- HY-11s ● Current Monitoring Well
 - HY-12s ○ Current Downgradient Area Monitoring Well
 - CG-2 ● Recovery Well (sampled in May 2003)
 - HYCP-4 ● Current Water Level Monitoring Well
 - HEX-4 ● Monitoring Well Installed by Hexcel
 - - - Isocentration Contour, based on the highest detected concentration in each well

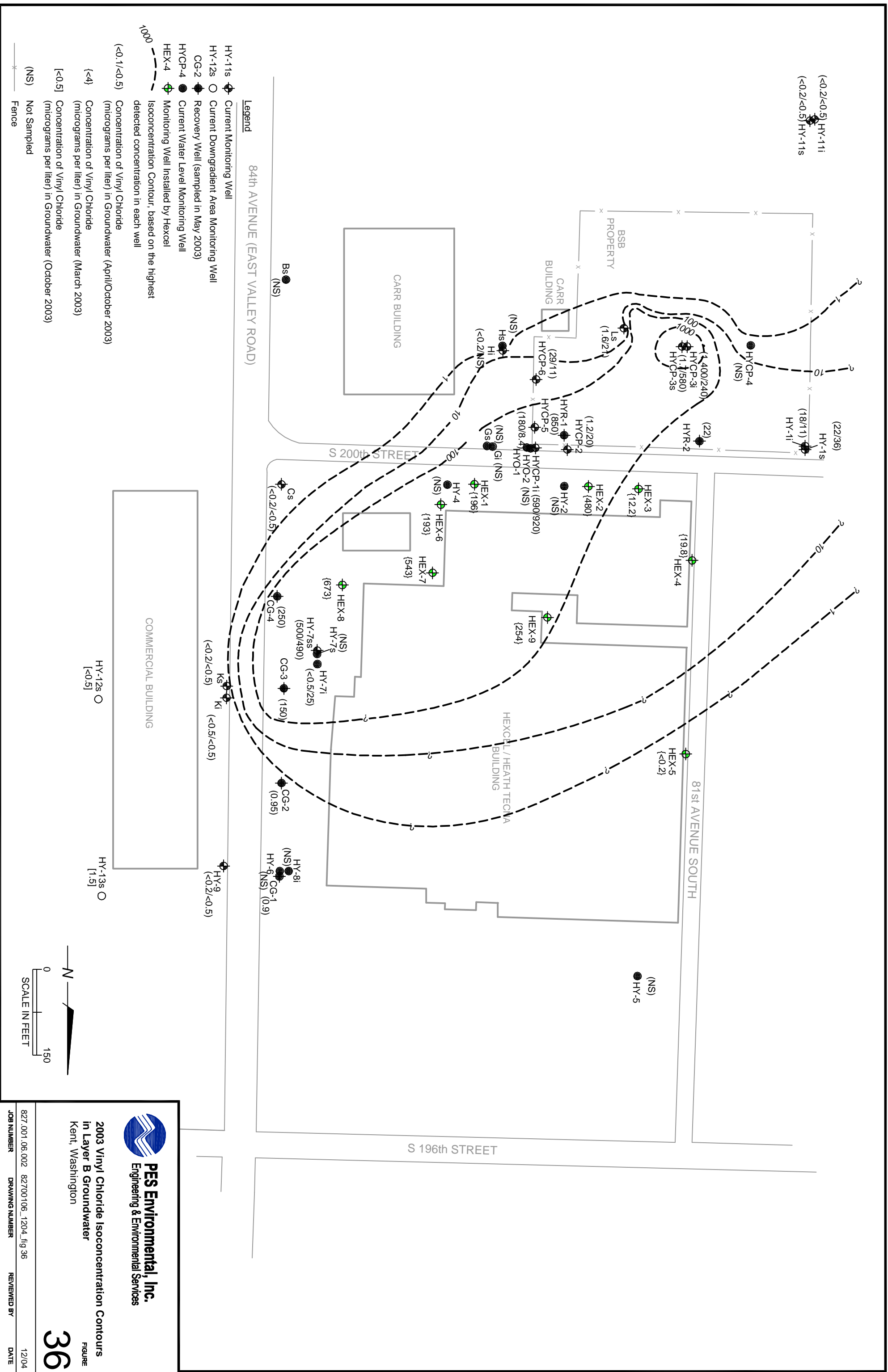
- (<0.1/<0.5) Concentration of cis-1,2-Dichloroethene (micrograms per liter) in Groundwater (April/October 2003)
- {<4} Concentration of cis-1,2-Dichloroethene (micrograms per liter) in Groundwater (March 2003)
- [<0.5] Concentration of cis-1,2-Dichloroethene (micrograms per liter) in Groundwater (October 2003)
- (NS) Not Sampled
- - - Fence

- HY-12s ○
- HY-13s ○



2003 cis-1,2-DCE Isocentration Contour
in Layer B Groundwater
Kent, Washington

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(<0.2/<0.5) HY-11i
 (<0.2/<0.5) HY-11s

Legend

- HY-11s ● Current Monitoring Well
- HY-12s ○ Current Downgradient Area Monitoring Well
- CG-2 ● Recovery Well (sampled in May 2003)
- HYCP-4 ● Current Water Level Monitoring Well
- HEX-4 ● Monitoring Well Installed by Hexcel
- Isoconcentration Contour, based on the highest detected concentration in each well
- (<0.1/<0.5) Concentration of Vinyl Chloride (micrograms per liter) in Groundwater (April/October 2003)
- {<4} Concentration of Vinyl Chloride (micrograms per liter) in Groundwater (March 2003)
- [<0.5] Concentration of Vinyl Chloride (micrograms per liter) in Groundwater (October 2003)
- (NS) Not Sampled
- Fence

COMMERCIAL BUILDING

CARR BUILDING


HEXCEL/HEATH TECHNICAL BUILDING

S 196th STREET

81st AVENUE SOUTH

S 200th STREET

84th AVENUE (EAST VALLEY ROAD)

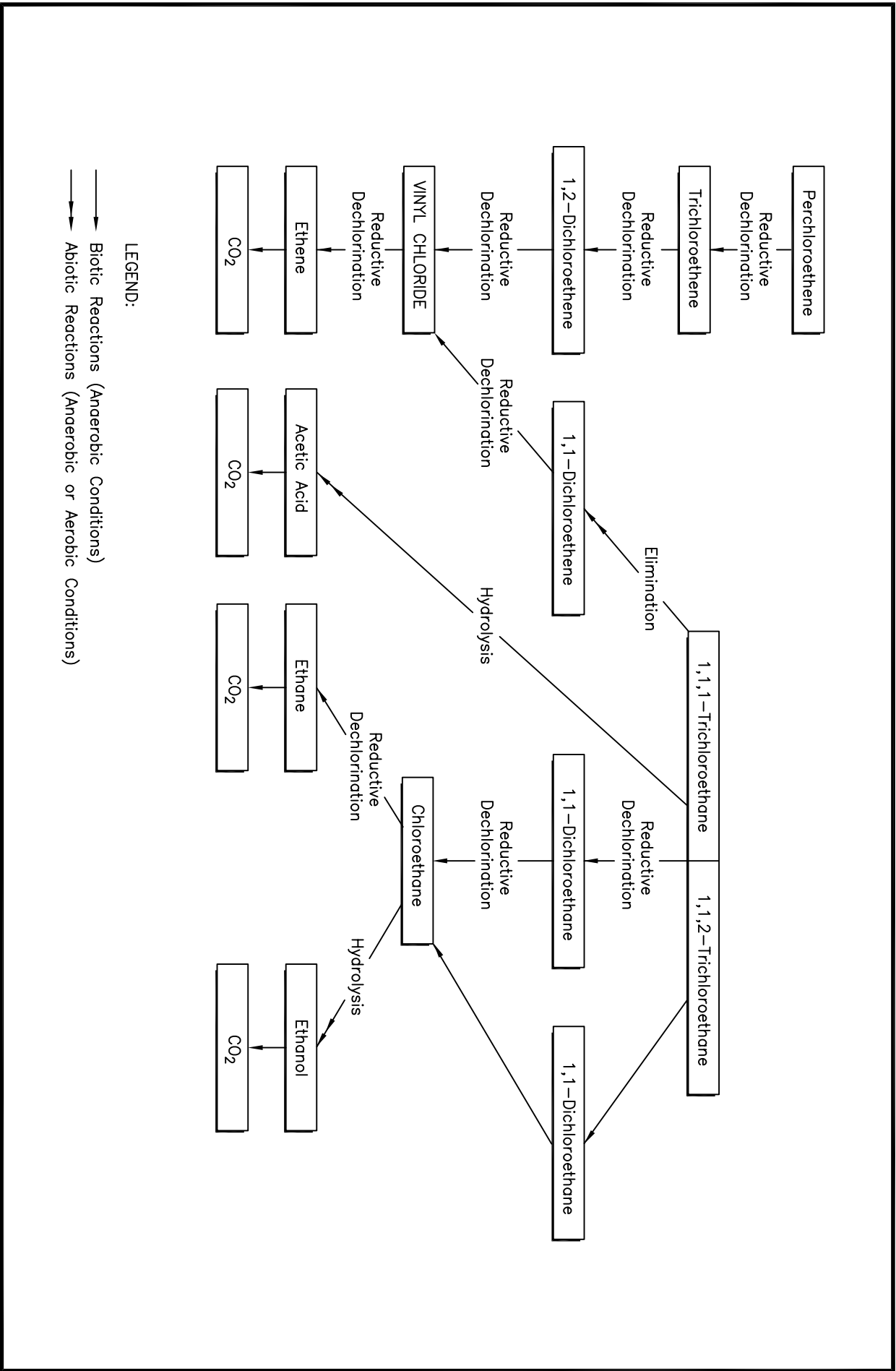


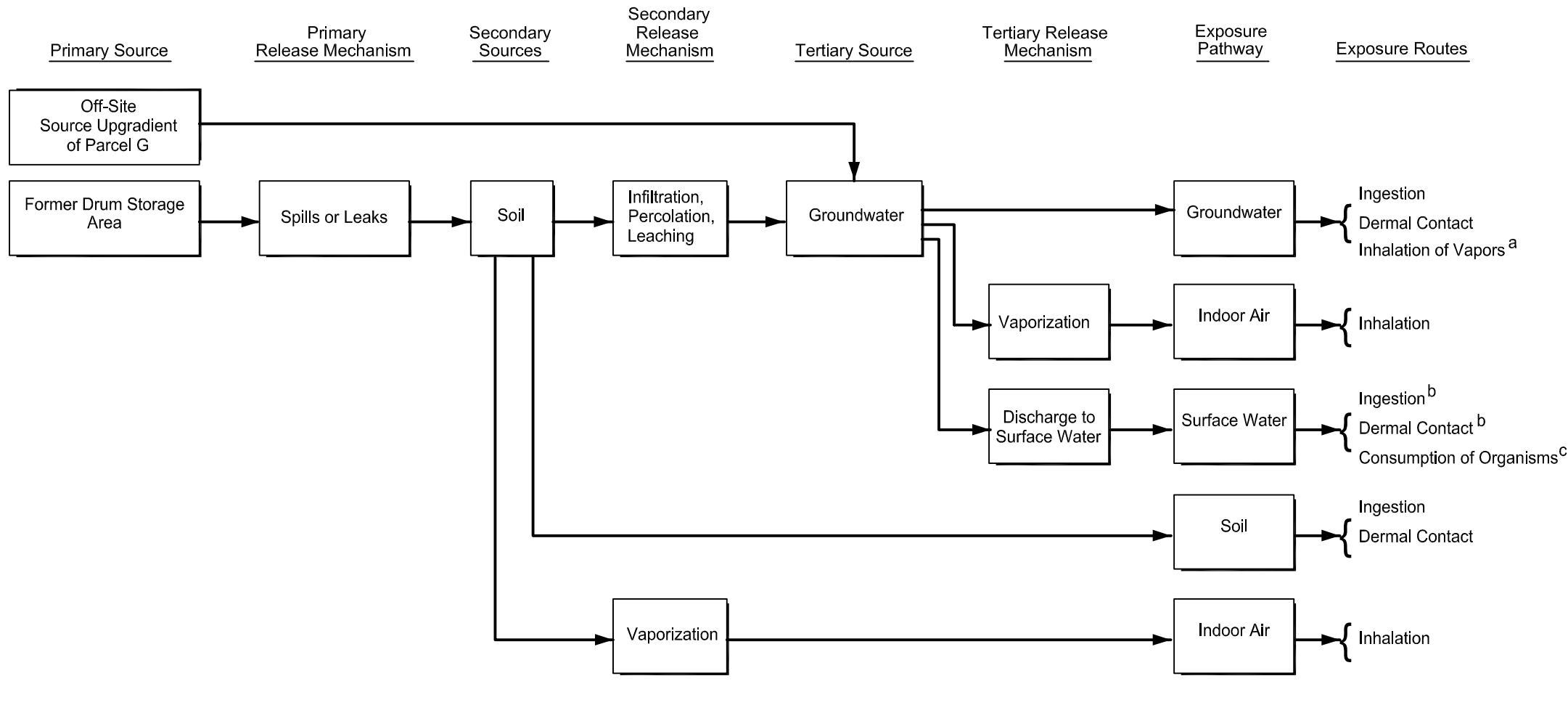
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2003 Vinyl Chloride Isoconcentration Contours
 in Layer B Groundwater
 Kent, Washington

36

827.001.06.002 82700106_1204_fig 36
 JOB NUMBER DRAWING NUMBER REVIEWED BY DATE





RECEPTORS		
On-Site	Off-Site	
Site/ Office Worker	Site Worker/ Resident	Ecological
X	X	
O	X	
	O	O
O	X	
O	X	

LEGEND:
 ● Current Complete Pathway
 ○ Potential Future Pathway
 X Incomplete Pathway

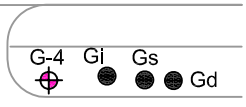
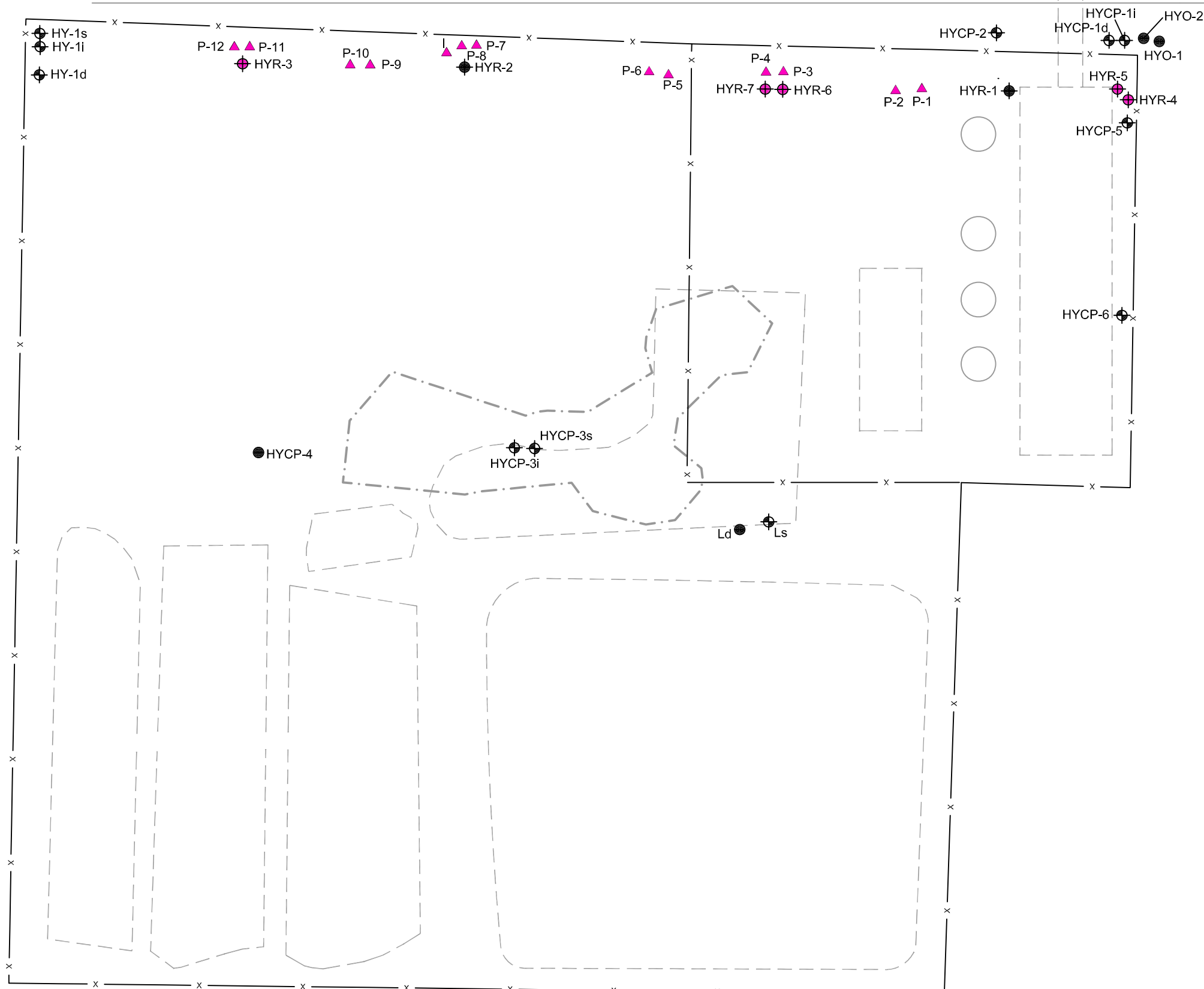
FOOTNOTE:
 a From household use, such as showering.
 b Ecological exposure route.
 c Human exposure route.



Conceptual Site Model
 BSB Facility
 Kent, Washington

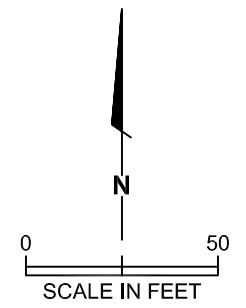
FIGURE
38

SOUTH 200TH STREET



- Legend**
- HY-11s Existing Groundwater Sampling and Groundwater Level Monitoring Well
 - G-4 Proposed Groundwater Sampling and Groundwater Level Monitoring Well
 - HYR-1 Existing Recovery Well
 - HYR-3 Proposed Recovery Well
 - HYCP-4 Existing Water Level Monitoring Well
 - P-1 Proposed Piezometer
 - Approximate Location of Unsaturated Zone Soil Excavation
 - Former Aboveground Tank
 - Former Lagoon, Drying Bed, or Drum Storage Area
 - Fence

- Hd
- Hi
- Hs

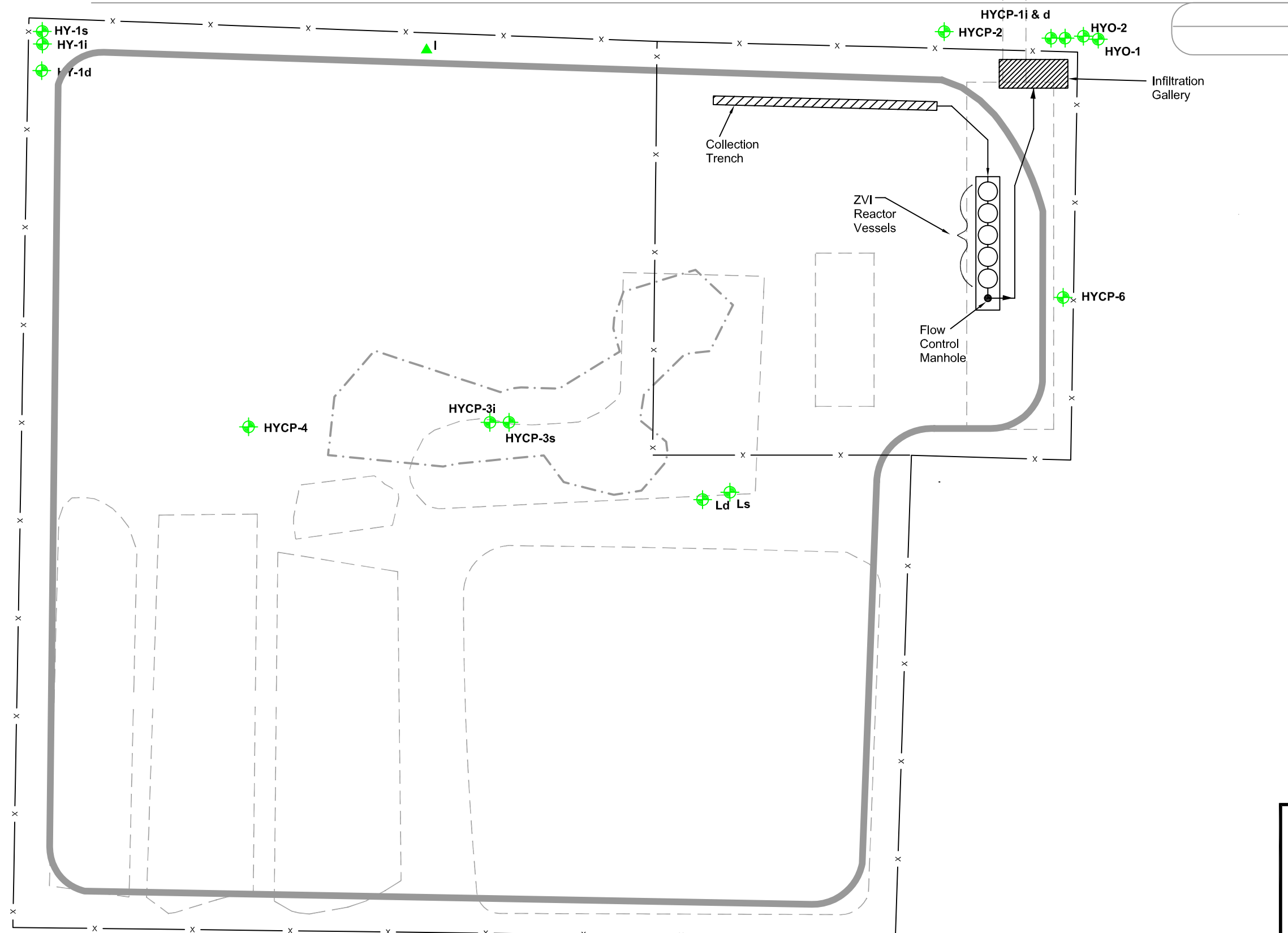


PES Environmental, Inc.
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**Alternative 1 - Enhanced
Groundwater Extraction System**
BSB Property
Kent, Washington

FIGURE
39

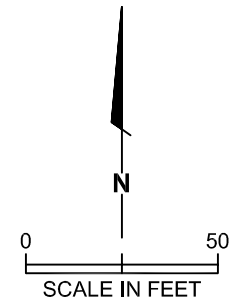
SOUTH 200TH STREET



Legend

- HYD-2 Monitoring Well
- I Piezometer
- Approximate Location of Unsaturated Zone Soil Excavation
- Former Lagoon, Drying Bed, or Drum Storage Area
- Proposed Slurry Wall
- Fence

Note: The location of the slurry wall, trenches, and ZVI reactor vessels are approximate; the final locations will be determined during remedial design, considering additional geologic data and contractor input.



**Alternative 2 - Slurry Wall Around Parcel G
With Zero Valent Iron Reactor Vessels**
BSB Property
Kent, Washington

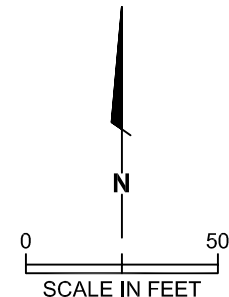
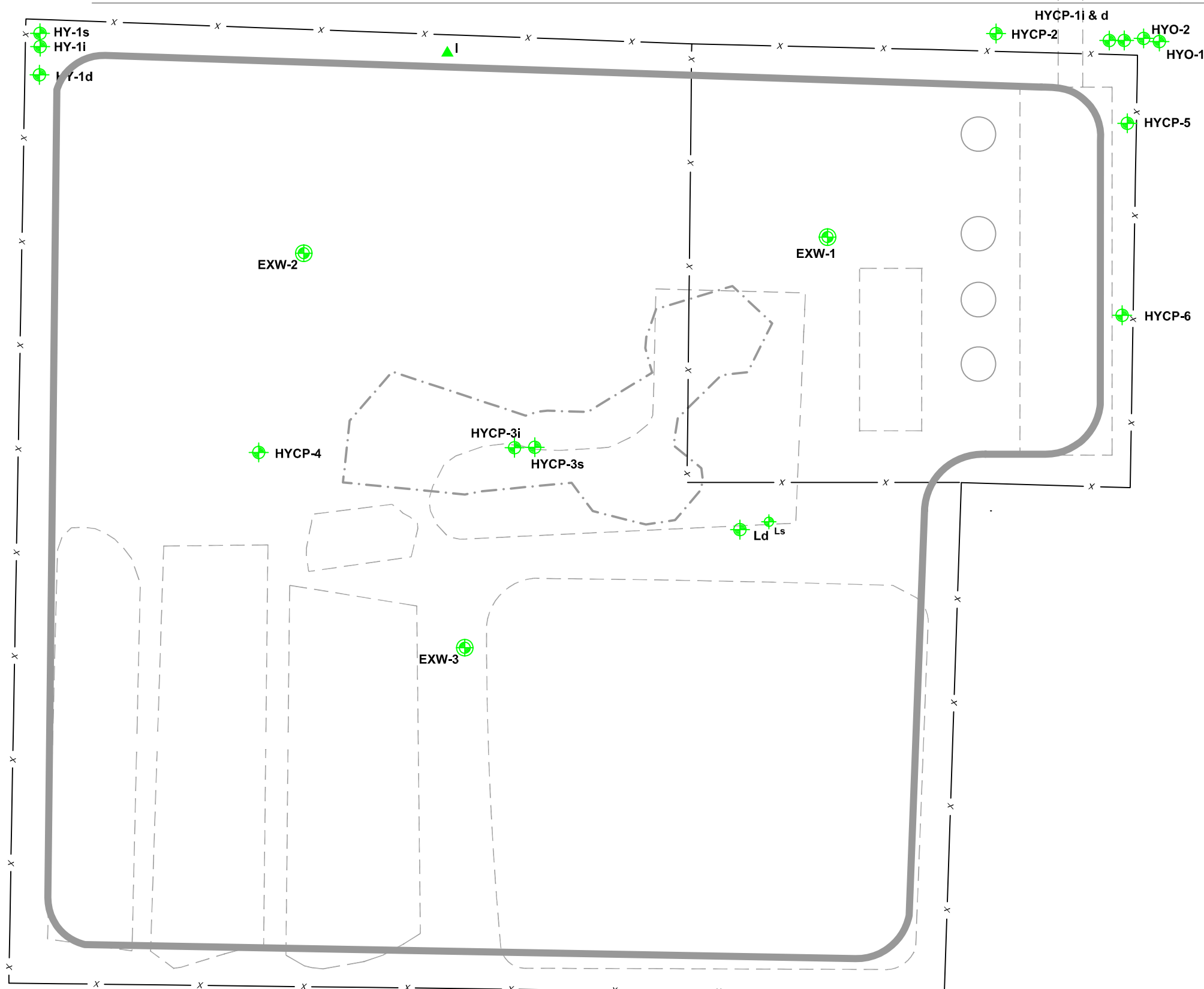
FIGURE
40

SOUTH 200TH STREET

Legend

- HYR-1 Recovery Well
- EXW-1 Monitoring Well
- I Piezometer
- Approximate Location of Unsaturated Zone Soil Excavation
- Former Aboveground Tank
- Former Lagoon, Drying Bed, or Drum Storage Area
- Proposed Slurry Wall
- Fence

Note: The location of the slurry wall and ZVI gate are approximate; the final locations will be determined during remedial design, considering additional geologic data and contractor input.



PES Environmental, Inc.
Engineering & Environmental Services

Alternative 3 - Slurry Wall Around Parcel G With Limited Pumping for Gradient Control
BSB Property
Kent, Washington

FIGURE
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