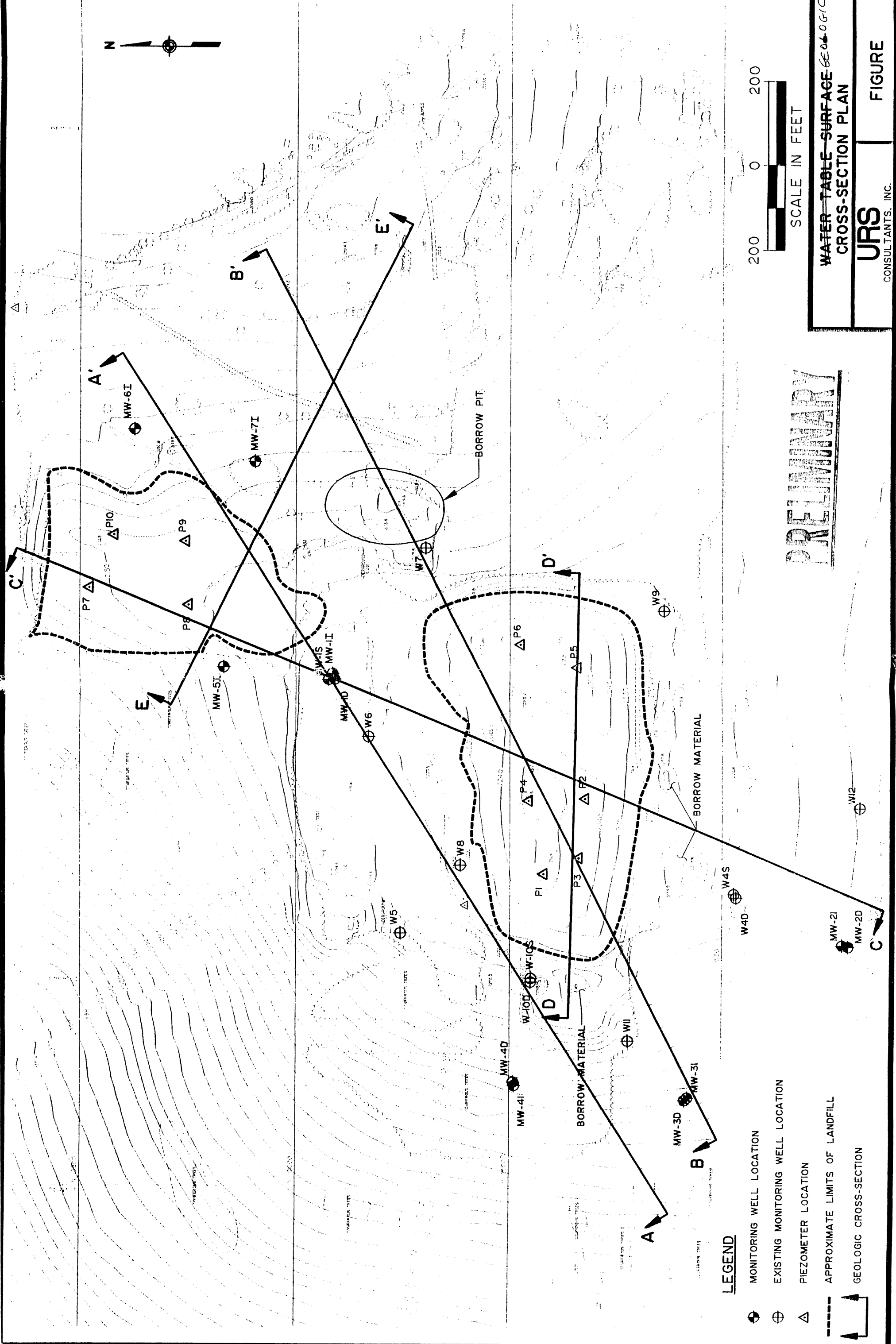
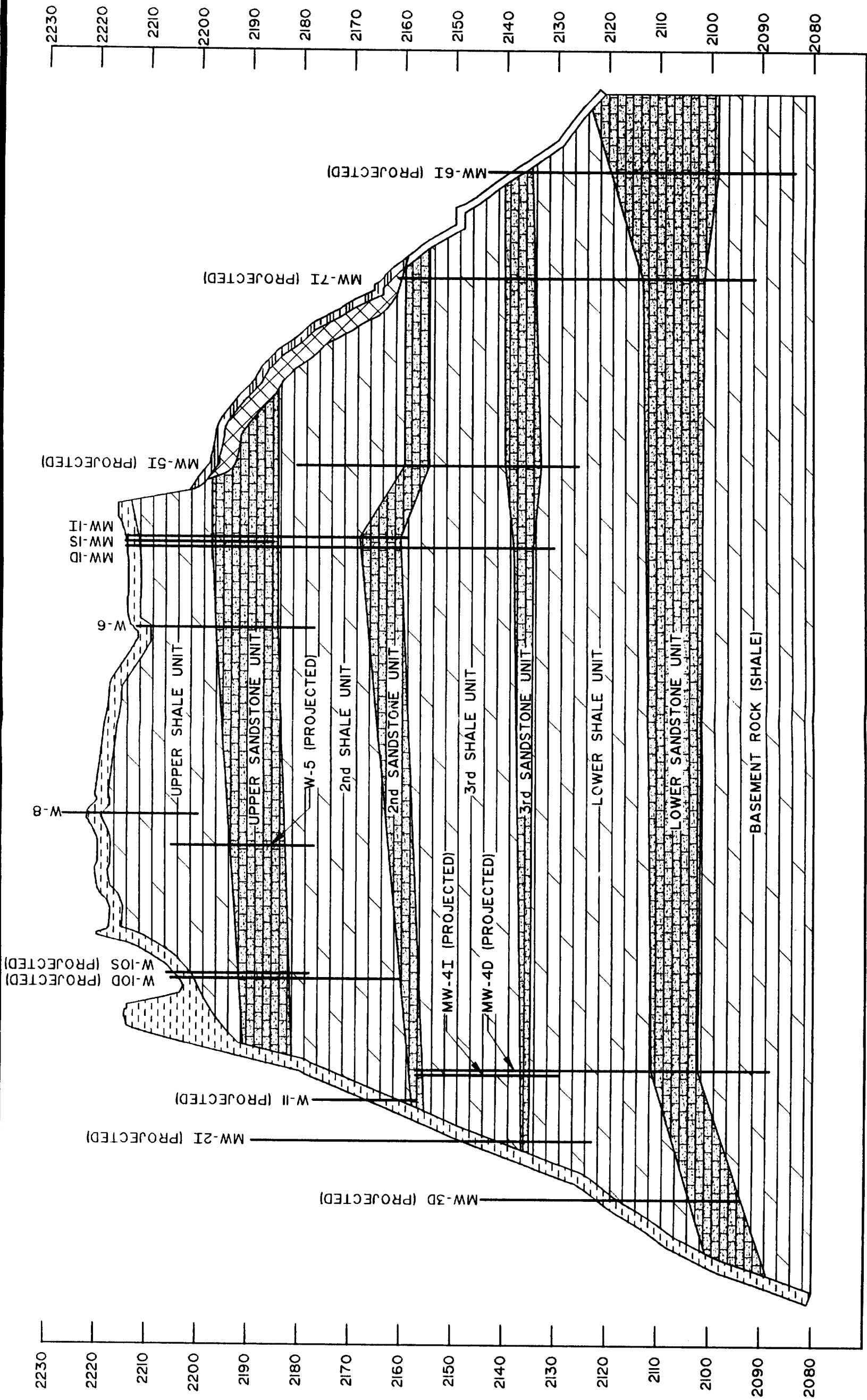






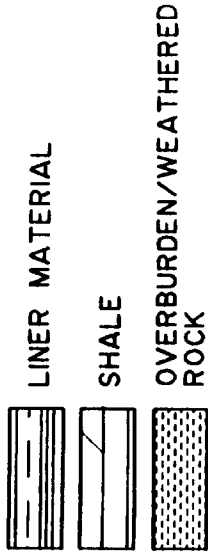
200 0 200

HORIZ. SCALE IN FEET

20 0 20

VERT. SCALE IN FEET

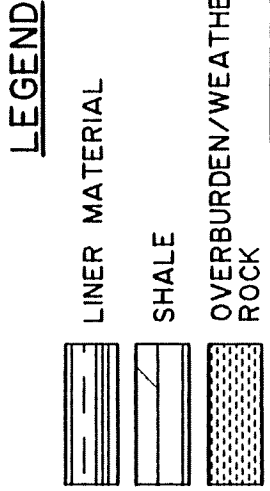
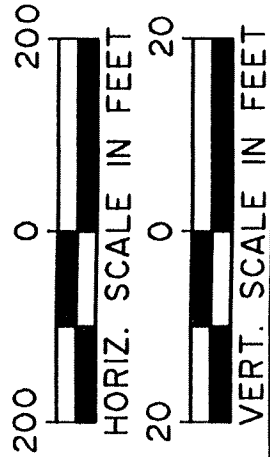
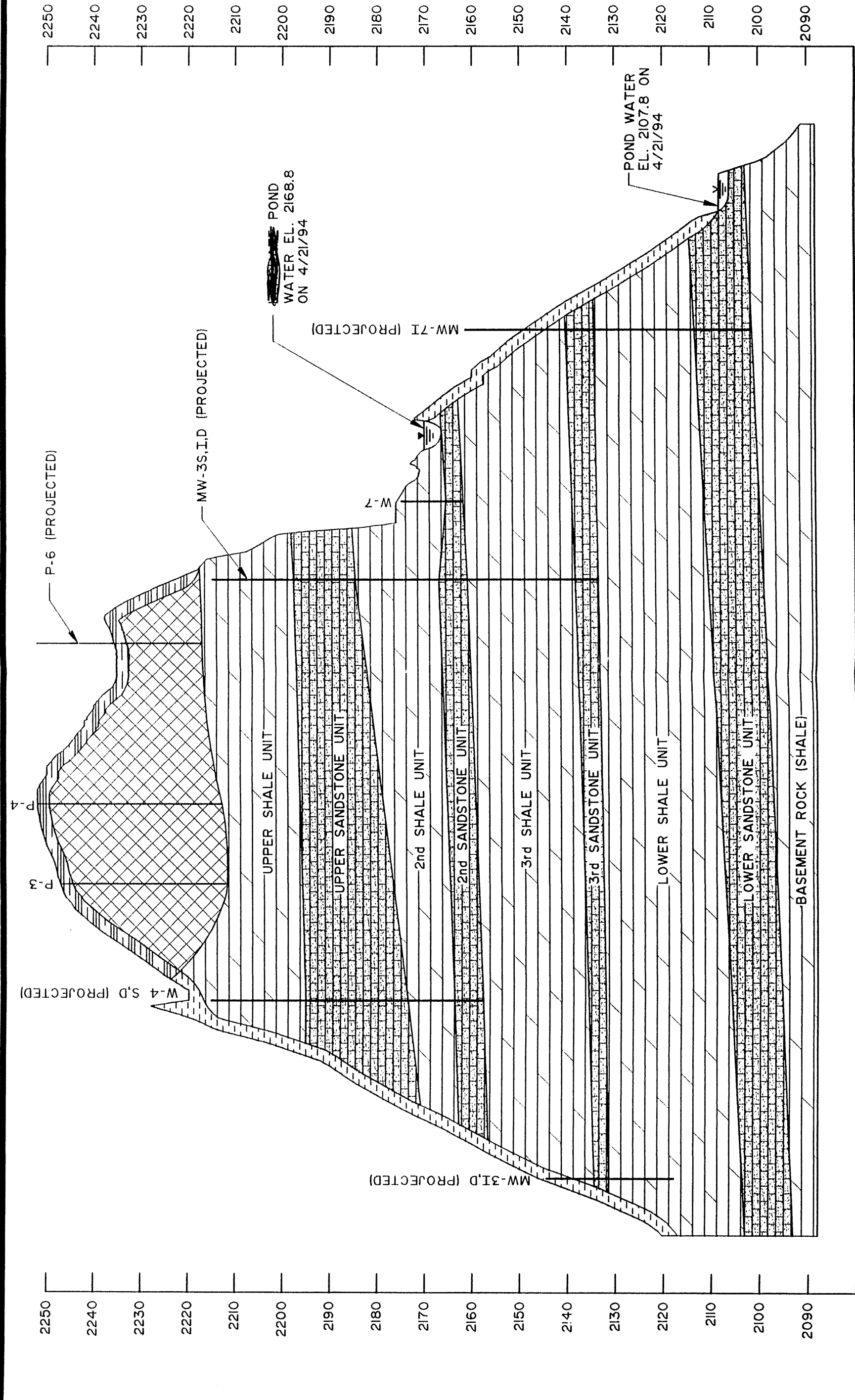
LEGEND



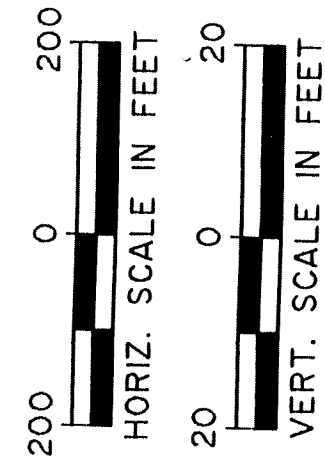
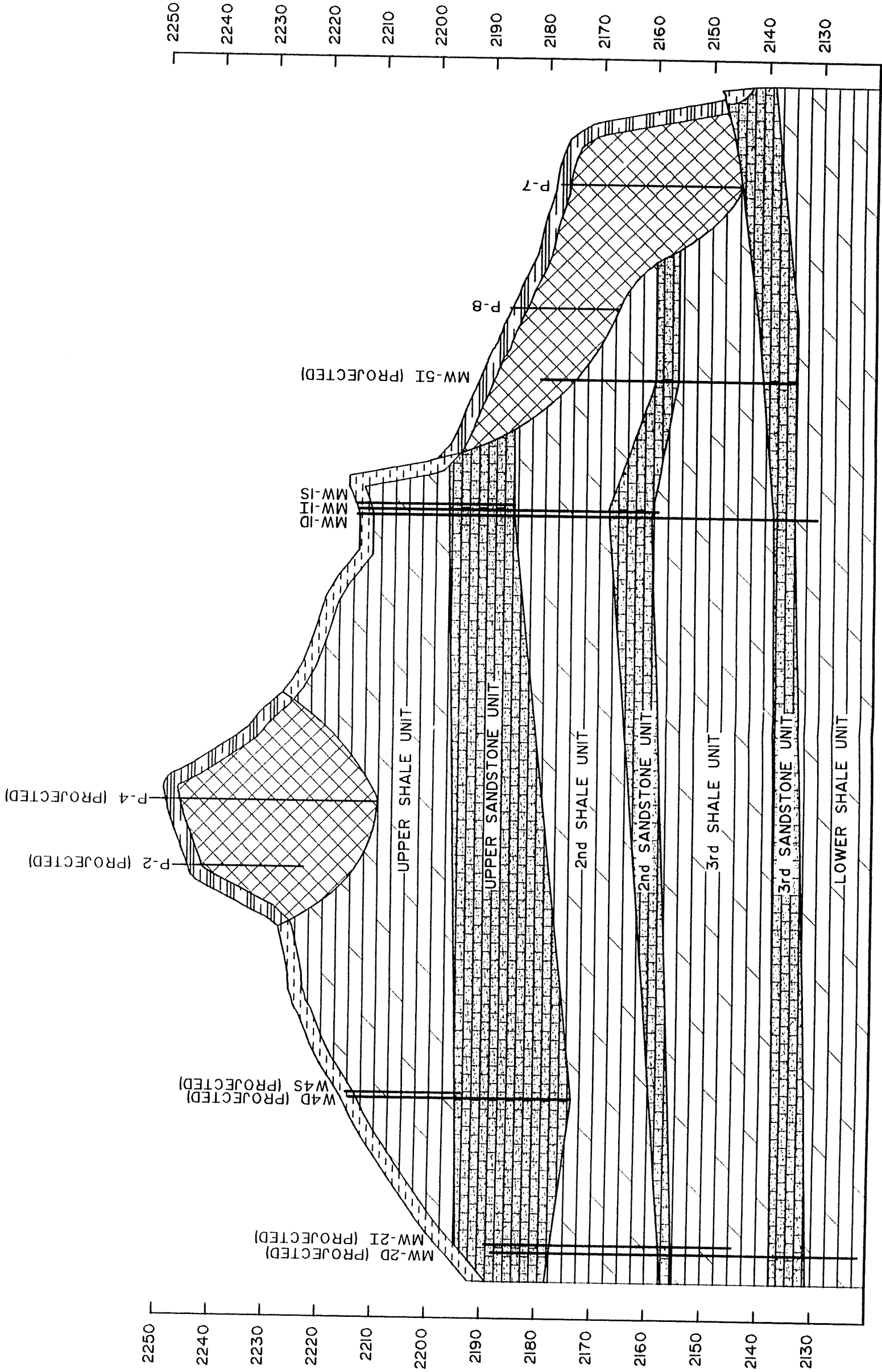
Geology
WATER TABLE SURFACE
CROSS-SECTION A-A'

URS
CONSULTANTS, INC.

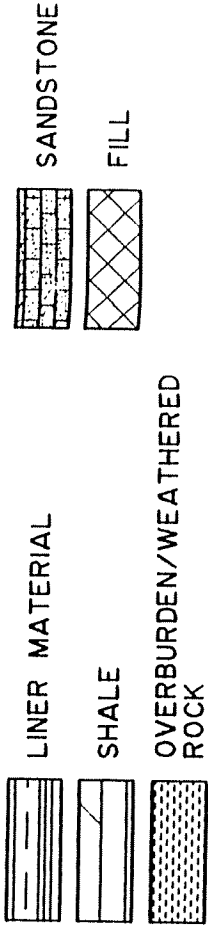
FIGURE



WATER TABLE SURFACE
CROSS-SECTION B-B'



LEGEND

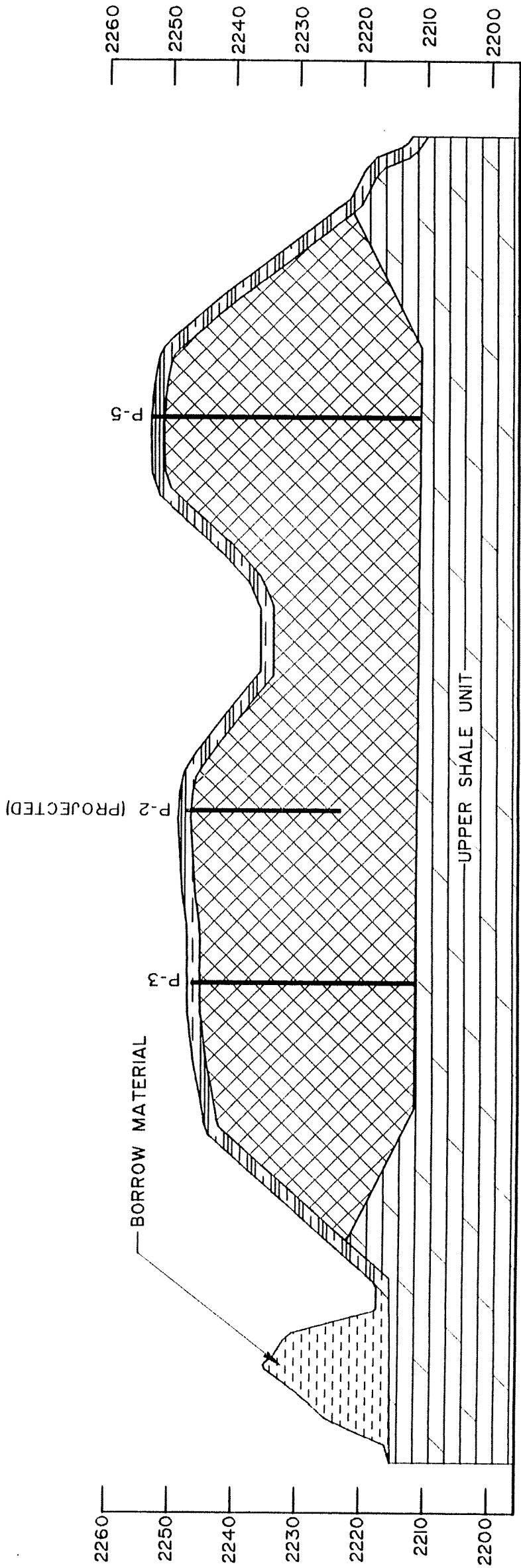


PRELIMINARY

WATER TABLE SURFACE GEOLOGIC
CROSS-SECTION C-C'

URS
CONSULTANTS, INC.

FIGURE

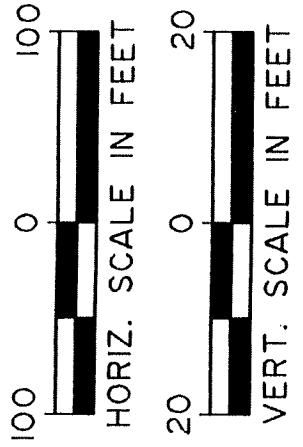
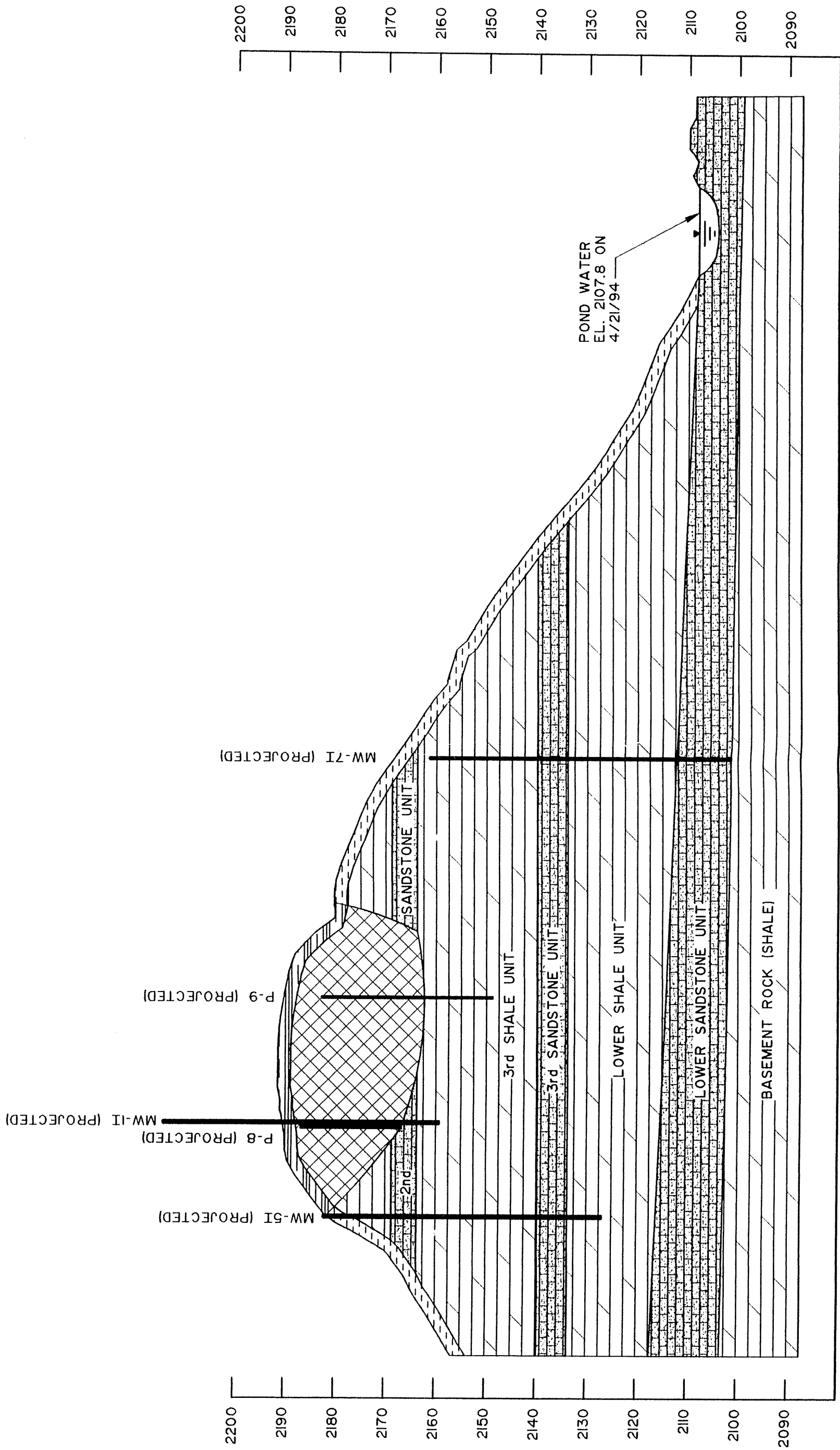


PRELIMINARY

WATER TABLE SURFACE CROSS-SECTION D-D

URS
CONSULTANTS, INC.

FIGURE



LEGEND



PRELIMINARY

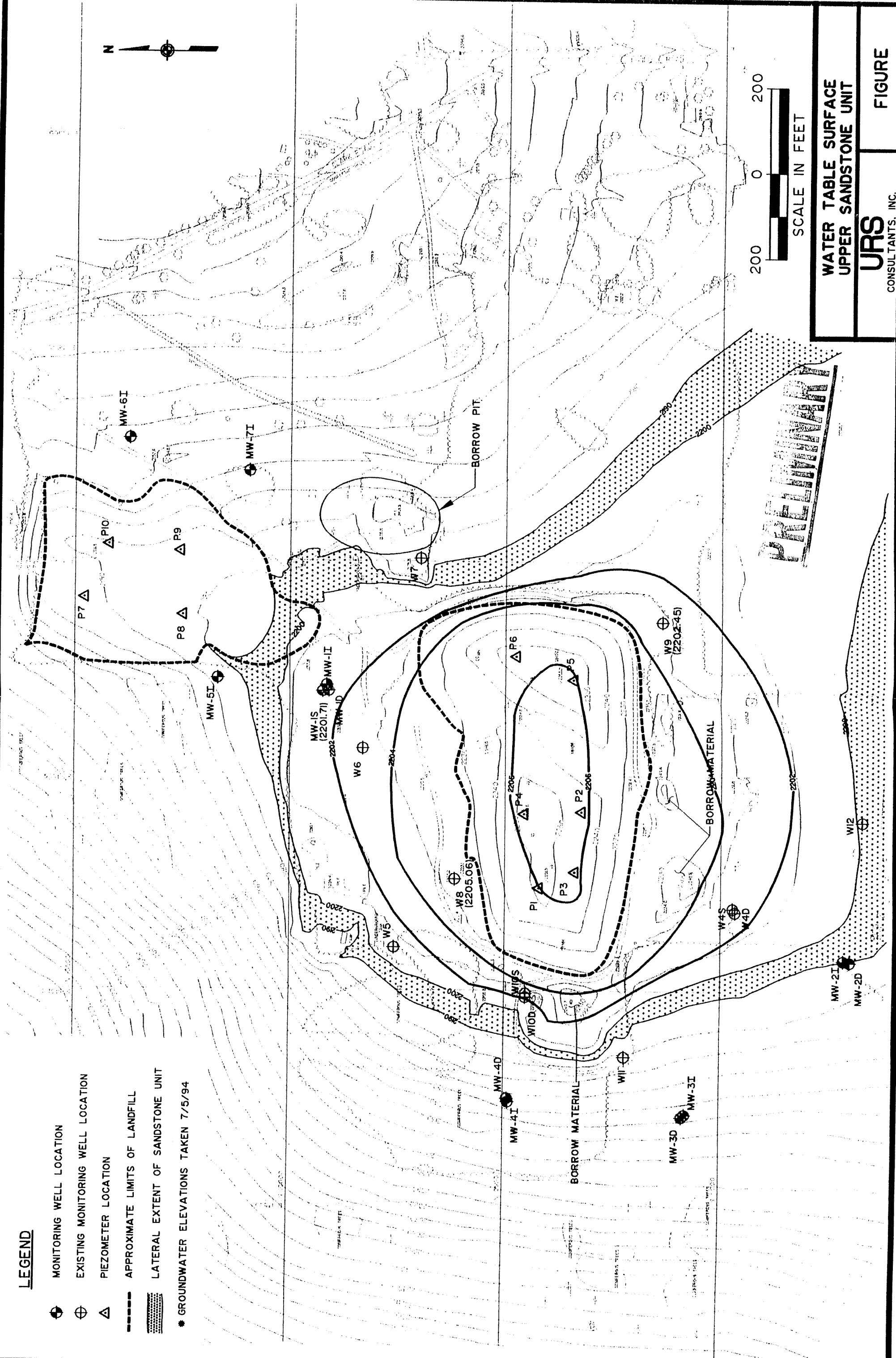
WATER TABLE SURFACE GEOLOGIC
CROSS-SECTION E-E'

URS
CONSULTANTS, INC.

FIGURE

LEGEND

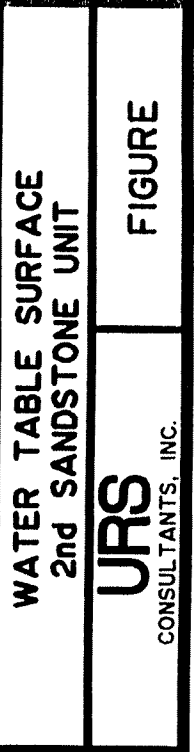
- MONITORING WELL LOCATION
- EXISTING MONITORING WELL LOCATION
- PIEZOMETER LOCATION
- APPROXIMATE LIMITS OF LANDFILL
- LATERAL EXTENT OF SANDSTONE UNIT
- GROUNDWATER ELEVATIONS TAKEN 7/5/94

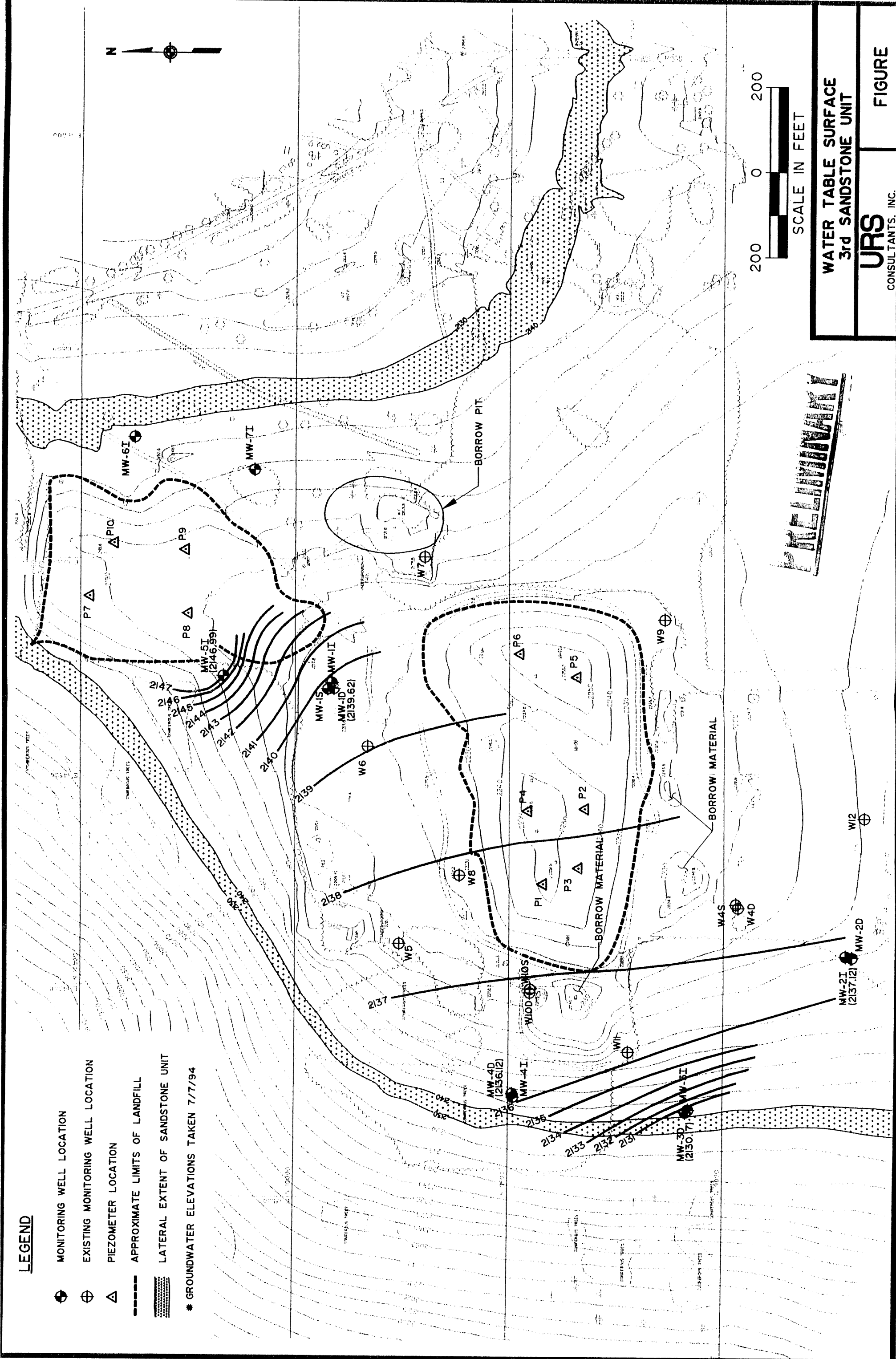


WATER TABLE SURFACE
UPPER SANDSTONE UNIT

URS
CONSULTANTS, INC.

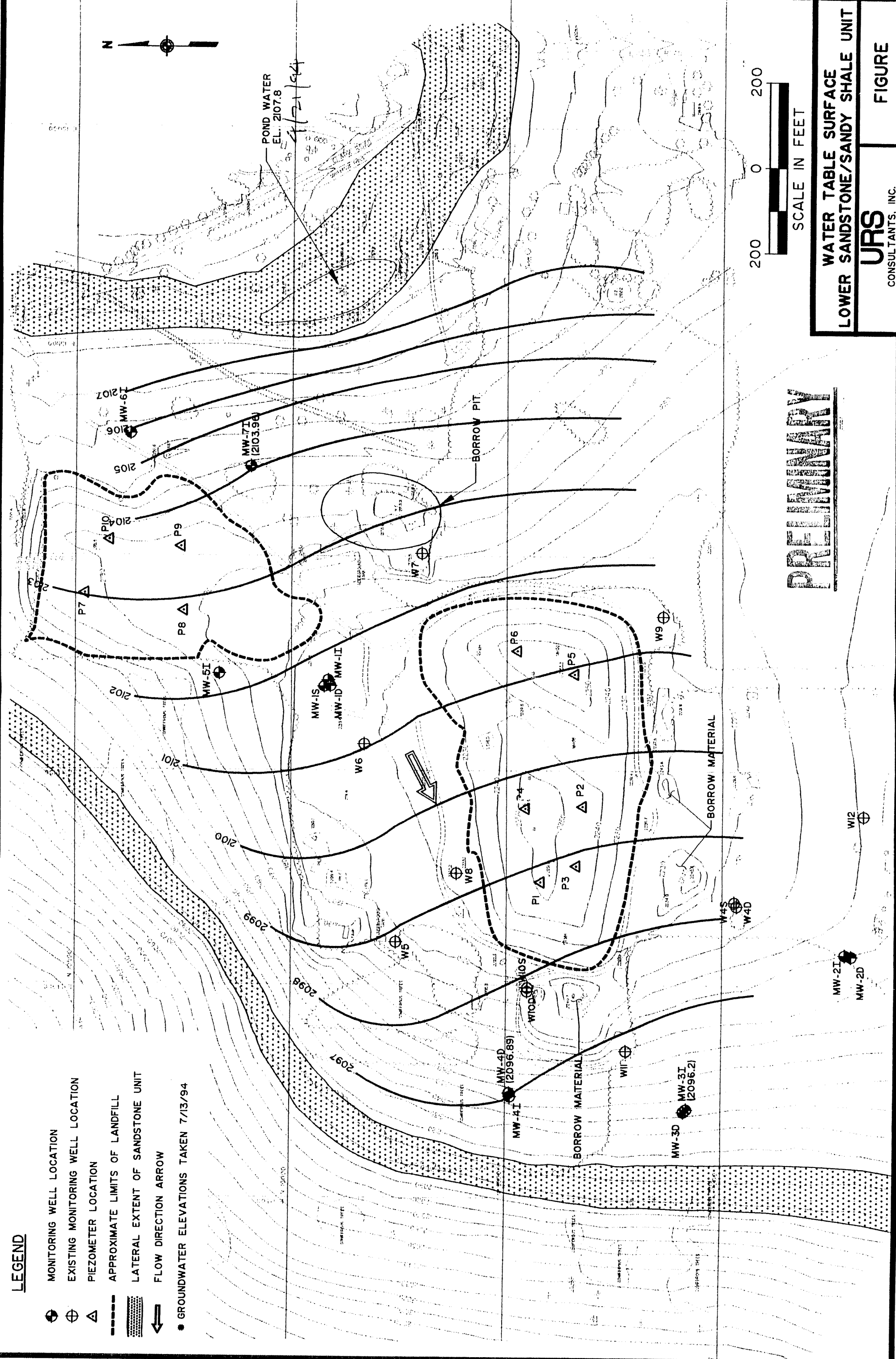
FIGURE





LEGEND

- MONITORING WELL LOCATION
- EXISTING MONITORING WELL LOCATION
- PIEZOMETER LOCATION
- APPROXIMATE LIMITS OF LANDFILL
- LATERAL EXTENT OF SANDSTONE UNIT
- FLOW DIRECTION ARROW
- GROUNDWATER ELEVATIONS TAKEN 7/13/94



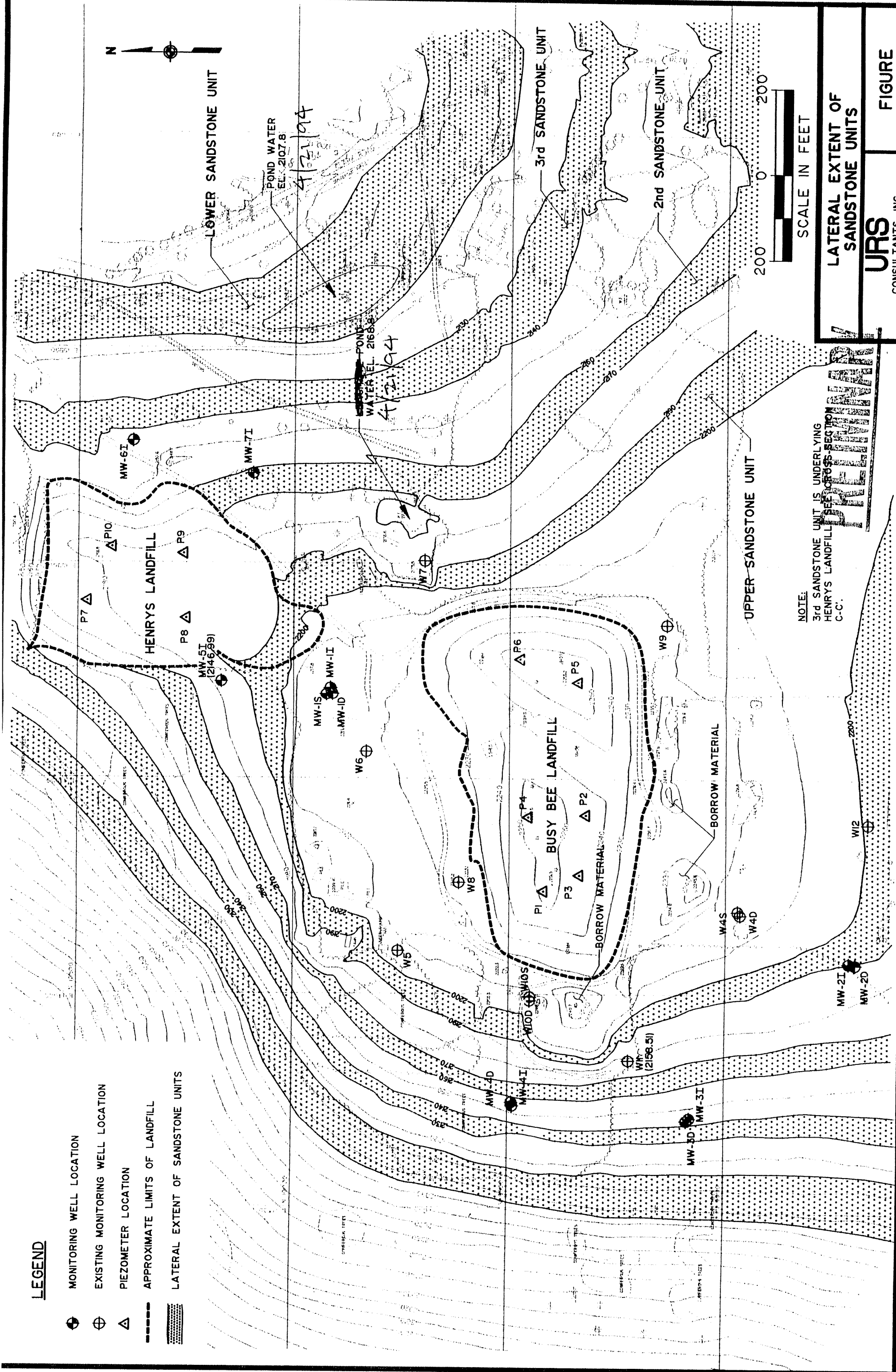
WATER TABLE SURFACE
LOWER SANDSTONE/SANDY SHALE UNIT

URS
CONSULTANTS, INC.

FIGURE

LEGEND

- MONITORING WELL LOCATION
- EXISTING MONITORING WELL LOCATION
- PIEZOMETER LOCATION
- APPROXIMATE LIMITS OF LANDFILL
- LATERAL EXTENT OF SANDSTONE UNITS



NOTE:
3rd SANDSTONE UNIT IS UNDERLYING
HENRY'S LANDFILL SEE CROSS-SECTION
C-C.

LATERAL EXTENT OF
SANDSTONE UNITS

URS
CONSULTANTS, INC.

FIGURE

DRILLING SUMMARY

Geologist:
Andre LaPres / Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:
Carl Rengert

Rig Make/Model:
Mobil B-51

Date:
04/26/94

GEOLOGIC LOG

depth(ft.)	lithology
0' - 10'	Brown gravelly clayey silt
10' - 12'	Wheathered shale and clay
12' - 17'	Gray shale
17' - 30'	Gray sandstone, mostly massive with some areas of bedding planes and fractures

WELL DESIGN

Casing Elevation 2216.95

Riser Elevation 2216.35

Ground Elevation 2214.62

Protective Casing with Lockable Cap

DEPTH
BELOW
GROUND

13'

19'

29'

AUGERHOLE

9 inch dia.

13 feet length

PVC CASING
(Grouted)

4 inch dia.

14.73 feet length

PVC CASING

2 inch dia.

20.73 feet length

AUGERHOLE

3.9 inch dia.

16 feet length

PVC SCREEN

2 inch dia.

10 feet length

CASING MATERIAL

Surface: 6" Steel Protective Casing

SCREEN MATERIAL

Type: 2" PVC

FILTER MATERIAL

Type: Setting:

Monitor: 4" PVC (Grouted)
2" PVC

Slot Size: .010"

SEAL MATERIAL

Type: Setting:

COMMENTS:

PRELIMINARY

LEGEND

	Cement/Bentonite Grout
	Bentonite Seal
	Silica Sandpack

Client: N.Y.S.D.E.C.

Location: Patton's Busy Bee

Project No.: 0535352.00

URS
Consultants, Inc.

Well Number: MW-1S

DRILLING SUMMARY

Geologist:
Andre LaPres / Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:
Carl Rengert

Rig Make/Model:
Mobil B-51

Date:
04/27/94

GEOLOGIC LOG

depth(ft.)	lithology
0' - 10'	Brown gravelly clayey silt
10' - 12'	Wheathered shale and clay
12' - 17'	Gray shale
17' - 30'	Gray sandstone, mostly massive with some areas of bedding planes and fractures
30' - 47.5'	Gray Shale
47.5' - 55.0	Gray Sandstone

WELL DESIGN

Casing Elevation 2216.85

Riser Elevation 2216.44

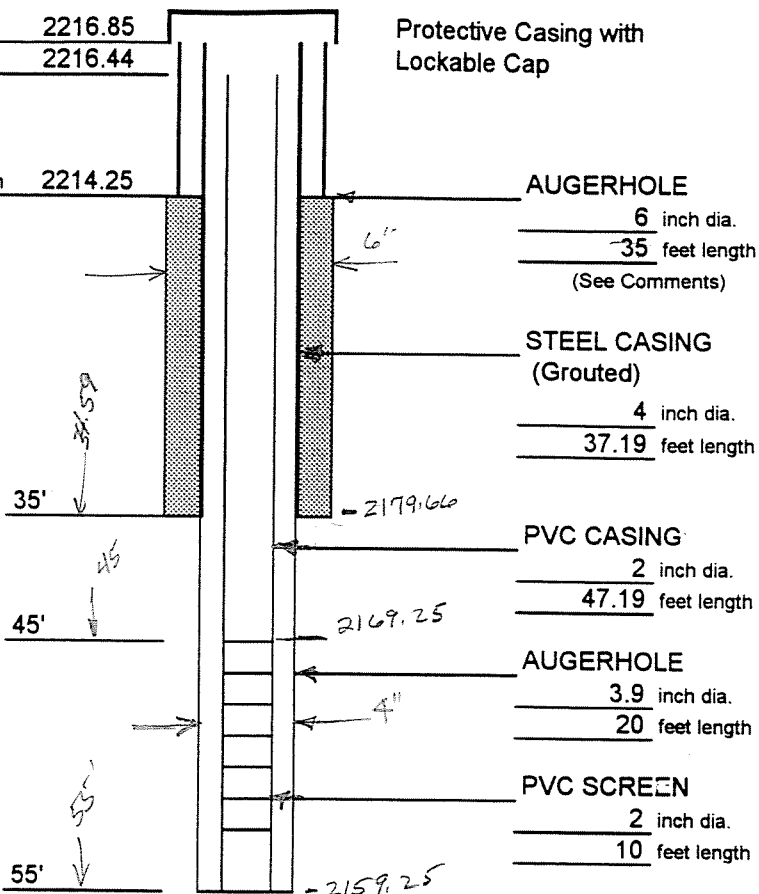
Ground Elevation 2214.25

Protective Casing with Lockable Cap

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**CASING MATERIAL**

Surface: 6" Steel Protective Casing

SCREEN MATERIAL

Type: 2" PVC

FILTER MATERIAL

Type: Not Used

SEAL MATERIAL

Type: Setting:

Monitor: 4" Steel (Grouted)
2" PVC

Slot Size: .010"

COMMENTS:

A temporary 6" casing was set 20.0' BGS in a 9" auger hole and removed after the 4" steel casing was installed.

PRELIMINARY

LEGEND

	Cement/Bentonite Grout
	Bentonite Seal
	Silica Sandpack

Client: N.Y.S.D.E.C.

Location: Patton's Busy Bee

Project No.: 0535352.00

U R S
Consultants, Inc.

Well Number: MW-11

DRILLING SUMMARY

Geologist:
Andre LaPres / Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:
Carl Rengert

Rig Make/Model:
Mobil B-51

Date:
04/26/94

GEOLOGIC LOG

depth(ft.)	lithology
0' - 10'	Brown gravelly clayey silt
10' - 12'	Wheathered shale and clay
12' - 17'	Gray shale
17' - 30'	Gray sandstone, mostly massive with some areas of bedding planes and fractures
55' - 76'	Gray Shale
76' - 80'	Gray sandstone and shale interbedded.
80' - 89'	Gray Shale

WELL DESIGN

Casing Elevation 2217.12
Riser Elevation 2216.95

Ground Elevation 2214.62

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54'

60'

62'

72'

82'

84'

Protective Casing with
Lockable Cap

AUGERHOLE

5.9 inch dia.

60 feet length

(See Comments)

STEEL CASING
(Grouted)

4 inch dia.

60 feet length

Should be 62.5

PVC CASING

2 inch dia.

74.46 feet length

AUGERHOLE

3.9 inch dia.

24 feet length

PVC SCREEN

2 inch dia.

10 feet length

CASING MATERIAL

Surface: 6" Steel Protective Casing

SCREEN MATERIAL

Type: 2" PVC

FILTER MATERIAL

Type: #2 Sand Setting: 62'-84'

Monitor: 4" Steel (Grouted)
2" PVC

Slot Size: .010"

SEAL MATERIAL

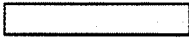
Type: Bentonite Pellets Setting: 54'-62'

COMMENTS:

A temporary 6" casing was set 17.5' BGS in a 9" auger hole and removed after the 4" steel casing was installed.

PRELIMINARY

LEGEND

	Cement/Bentonite Grout
	Bentonite Seal
	Silica Sandpack

Client: N.Y.S.D.E.C.

Location: Patton's Busy Bee

Project No.: 0535352.00

URS
Consultants, Inc.

Well Number: MW-14D

DRILLING SUMMARY

Geologist:

Andre LaPres

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-34

Date:

05/05/94

GEOLOGIC LOG

depth(ft.)	lithology
0' - 15'	Red/brown gravelly clayey silt
15' - 30'	Gray shale, weathered, dry, oxidized on bedding and fractured surfaces
32' - 34'	Occurrences of interbedded sandstone
34' - 45.3'	Gray shale as above

WELL DESIGNCasing Elevation 2191.80
Riser Elevation

Ground Elevation 2189.29

Protective Casing with Lockable Cap

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19'

35'

45'

AUGERHOLE

5.9 inch dia.

19 feet length

STEEL CASING
(Grouted)

4 inch dia.

19 feet length

Should be

PVC CASING

2 inch dia.

feet length

AUGERHOLE

3.9 inch dia.

26 feet length

PVC SCREEN

2 inch dia.

10 feet length

CASING MATERIAL

Surface: 6" Steel Protective Casing

SCREEN MATERIAL

Type: 2" PVC

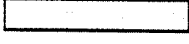
FILTER MATERIALType: *SP 552*Monitor: 4" Steel (Grouted)
2" PVC

Slot Size: .010"

SEAL MATERIAL

Type: Setting:

COMMENTS:**PRELIMINARY****LEGEND**

	Cement/Bentonite Grout
	Bentonite Seal
	Silica Sandpack

Client: N.Y.S.D.E.C.

Location: Patton's Busy Bee

Project No.: 0535352.00

U R S

Consultants, Inc.

Well Number: MW-2I

DRILLING SUMMARY

Geologist:

Andre LaPres

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-51

Date:

05/05/94

GEOLOGIC LOG

depth(ft.)	lithology
0' - 15'	Red/brown gravelly clayey silt
15' - 30'	Gray shale, weathered, dry, oxidized on bedding and fractured surfaces
32' - 34'	Occurrences of interbedded sandstone
34' - 40.3'	Gray shale as above
45.3' - 56.5'	Sandstone, fractured & broken, fine grained, occurrence of interbedded shale
58' - 61'	Seams of clay
61' - 66.5'	Shale, fractured bed planes

WELL DESIGNCasing Elevation 2190.78
Riser Elevation 2190.31

Ground Elevation 2188.00

Protective Casing with Lockable Cap

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45'

56.5'

66.5'

AUGERHOLE

5.9 inch dia.

45 feet length

STEEL CASING
(Grouted)

4 inch dia.

(45) feet length

Should be 47.31

PVC CASING

1 inch dia.

53.5 feet length

AUGERHOLE

3.3 inch dia.

21.5 feet length

PVC SCREEN

2 inch dia.

10 feet length

CASING MATERIAL

Surface: 6" Steel Protective Casing

SCREEN MATERIAL

Type: 2" PVC

FILTER MATERIAL

Type: 05 05 05

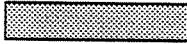
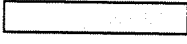
Monitor: 4" Steel (Grouted)
2" PVC

Slot Size: .010"

SEAL MATERIAL

Type: Setting:

COMMENTS:**PRELIMINARY****LEGEND**

	Cement/Bentonite Grout
	Bentonite Seal
	Silica Sandpack

Client: N.Y.S.D.E.C.

Location: Patton's Busy Bee

Project No.: 0535352.00

URS
Consultants, Inc.

Well Number: MW-24D

DRILLING SUMMARY

Geologist:

Andre LaPres

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-34

Date:

05/23/94

GEOLOGIC LOG

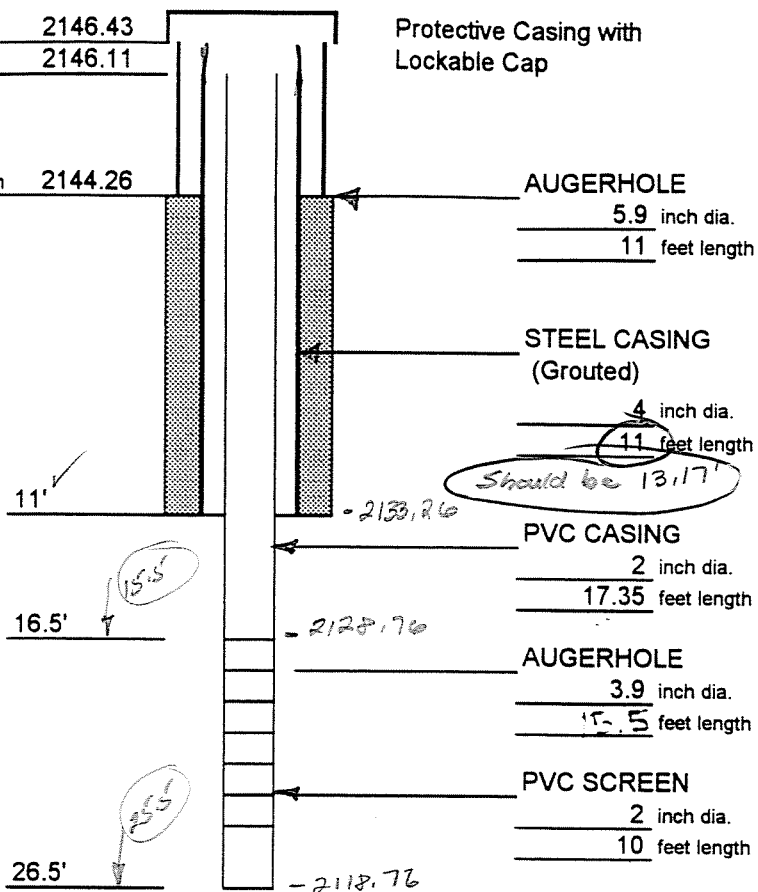
depth(ft.)	lithology
0 - 4.5'	Brown gravelly clayey silt
4.5' - 11'	Gray shale, weathered, dry
11' - 12.5'	Sandstone, fine grained fossiliferous, flow solution voids
12.5' - 28'	Gray shale, mostly weathered clay seams

WELL DESIGNCasing Elevation 2146.43
Riser Elevation 2146.11

Ground Elevation 2144.26

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D**CASING MATERIAL**

Surface: 6" Steel Protective Casing

SCREEN MATERIAL

Type: 2" PVC

FILTER MATERIAL

Type: 1/2" 35-40

Monitor: 4" Steel (Grouted)
2" PVC

Slot Size: .010"

SEAL MATERIAL

Type: Setting:

COMMENTS:**PRELIMINARY****LEGEND**

	Cement/Bentonite Grout
	Bentonite Seal
	Silica Sandpack

Client: N.Y.S.D.E.C.

Location: Patton's Busy Bee

Project No.: 0535352.00

URS
Consultants, Inc.

Well Number: MW-31B

DRILLING SUMMARY

Geologist:

Andre LaPres

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-34

Date:

05/23/94

GEOLOGIC LOG

depth(ft.)	lithology
0 - 4.5'	Brown gravelly clayey silt
4.5' - 11'	Gray shale, weathered, dry
11' - 12.5'	Sandstone, fine grained fossiliferous, flow solution voids
12.5' - 28'	Gray shale, mostly weathered clay seams
12.5' - 40.5'	Gray shale with clay seams
40.5' - 50'	Gray sandstone with interbedded shale

Casing Elevation 2146.10

Riser Elevation 2145.89

Ground Elevation 2144.26

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28' ✓

40.0' ✓

50.0' ✓

Protective Casing with
Lockable Cap

AUGERHOLE

5.9 inch dia.

28 feet length

(See Comments)

STEEL CASING
(Grouted)

4 inch dia.

28 feet length

Should be 29.84

PVC CASING

2 inch dia.

41.63 feet length

AUGERHOLE

3.9 inch dia.

22 feet length

PVC SCREEN

2 inch dia.

10 feet length

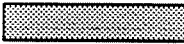
PRELIMINARY**WELL DESIGN**

CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL	
Surface:	6" Steel Protective Casing	Type: 2" PVC	Type:	1 1/2" KSC
Monitor:	4" Steel (Grouted) 2" PVC	Slot Size: .010"	SEAL MATERIAL	
			Type:	Setting:

COMMENTS:

A temporary 6" casing was set to 10 ft in a 9" auger hole and removed after the 4" steel casing was installed

LEGEND

	Cement/Bentonite Grout
	Bentonite Seal
	Silica Sandpack

Client: N.Y.S.D.E.C.

Location: Patton's Busy Bee

Project No.: 0535352.00

URS
Consultants, Inc.

Well Number: MW-3D

DRILLING SUMMARY

Geologist:

Andre LaPres

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-34

Date:

06/15/94

GEOLOGIC LOG

depth(ft.)	lithology
0 - 8.5'	Red/brown gravelly clayey silt, becoming more gravelly
8.5' - 15'	Gray shale, weathered, dry
15' - 22.5'	Gray sandstone and interbedded shale
22.5' - 28'	Shale as above

WELL DESIGN

Casing Elevation 2159.52

Riser Elevation 2159.07

Ground Elevation 2157.26

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15'

18'

28'

Protective Casing with
Lockable Cap

AUGERHOLE

5.9 inch dia.

15 feet length

STEEL CASING
(Grouted)

4 inch dia.

15 feet length

PVC CASING

2 inch dia.

19.81 feet length

AUGERHOLE

3.9 inch dia.

13 feet length

PVC SCREEN

2 inch dia.

10 feet length

PRELIMINARY**CASING MATERIAL**

Surface: 6" Steel Protective Casing

SCREEN MATERIAL

Type: 2" PVC

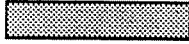
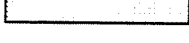
FILTER MATERIALType: 50 150Monitor: 4" Steel (Grouted)
2" PVC

Slot Size: .010"

SEAL MATERIAL

Type: Setting:

COMMENTS:**LEGEND**

	Cement/Bentonite Grout
	Bentonite Seal
	Silica Sandpack

Client: N.Y.S.D.E.C.

Location: Patton's Busy Bee

Project No.: 0535352.00

U R S
Consultants, Inc.

Well Number: MW-410

DRILLING SUMMARY

Geologist:

Andre LaPres

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-34

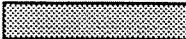
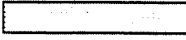
Date:

06/15/94

GEOLOGIC LOG

depth(ft.)	lithology
0 - 8.5'	Red/brown gravelly clayey silt, becoming more gravelly
8.5' - 15'	Gray shale, weathered, dry
15' - 22.5'	Gray sandstone and interbedded shale
22.5' - 28'	Shale as above
22.5' - 45.5'	Shale as above
45.5' - 63'	Gray, light brown, reddish sandstone and gray fine sandy shale interbedded
63' - 69'	Gray fine sandy shale

WELL DESIGN

CASING MATERIAL		SCREEN MATERIAL		FILTER MATERIAL		
Surface:	6" Steel Protective Casing	Type:	2" PVC	Type:		
Monitor:	4" Steel (Grouted) 2" PVC	Slot Size:	.010"	SEAL MATERIAL		
COMMENTS:		Type:				Setting:
		A temporary 6" casing was set to 10 feet in a 9" auger hole and removed after the 4" steel casing was installed				
		LEGEND				
		 Cement/Bentonite Grout				
		 Bentonite Seal				
		 Silica Sandpack				
Client:	N.Y.S.D.E.C.	Location:	Patton's Busy Bee	Project No.:	0535352.00	
URS Consultants, Inc.				Well Number:	MW-4D	

Casing Elevation 2159.56
Riser Elevation 2159.07Protective Casing with
Lockable Cap

Ground Elevation 2157.35

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28'

59' ✓

69' ✓

AUGERHOLE

5.9 inch dia.

28 feet length

(See Comments)

STEEL CASING
(Grouted)

4 inch dia.

28 feet length

PVC CASING

2 inch dia.

50.7 feet length

AUGERHOLE

3.9 inch dia.

41.0 feet length

PVC SCREEN

2 inch dia.

10 feet length

PRELIMINARY

A temporary 6" casing was set to 10 feet in a 9" auger hole and removed after the 4" steel casing was installed

DRILLING SUMMARY

Geologist:

Andre LaPres

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-34

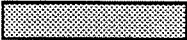
Date:

06/30/94

GEOLOGIC LOG

depth(ft.)	lithology
0 - 4'	Brown gravelly clayey silt
4' - 10'	Gray shale highly weathered
10' - 23'	Gray shale, weathered thin bedding, fractured.
23' - 26'	Gray sandstone interbedded with shaly sandstone.
26' - 30'	Gray shaley sandstone moderately weathered
30' - 41'	Same as above
41' - 47'	Sandstone & shaley sandstone
47' - 55.3'	Shale fractured and broken

WELL DESIGN

CASING MATERIAL		SCREEN MATERIAL		FILTER MATERIAL	
Surface:	6" Steel Protective Casing	Type: 2"	PVC	Type:	
				SEAL MATERIAL	
Monitor:	4" Steel (Grouted) 2" PVC	Slot Size:	.010"	Type:	Setting:
COMMENTS:				LEGEND	
				 Cement/Bentonite Grout	
				 Bentonite Seal	
				 Silica Sandpack	
Client:	N.Y.S.D.E.C.	Location:	Patton's Busy Bee	Project No.:	0535352.00
URS Consultants, Inc.				Well Number:	MW-51

Casing Elevation 2183.01
Riser ElevationProtective Casing with
Lockable Cap

Ground Elevation 2181.06

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19' ✓

45.3' ✓

55.3 ✓

AUGERHOLE

5.9 inch dia.

19 feet length

STEEL CASING
(Grouted)

4 inch dia.

19 feet length

PVC CASING

2 inch dia.

feet length

AUGERHOLE

3.9 inch dia.

36.3 feet length

PVC SCREEN

2 inch dia.

10 feet length

PRELIMINARY

DRILLING SUMMARY**Geologist:**

Andre LaPres / Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-34

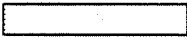
Date:

06/27/94

GEOLOGIC LOG

depth(ft.)	lithology
0 - 4'	Brown gravelly clayey silt
4' - 15'	Weathered gray shale and clayey silt
15' - 24'	Gray shale fractured and broken
24' - 37.3'	Gray sandstone and shaley sandstone interbedded, becoming more massive at 31'
37.3' - 45'	Shaley sandstone
45' - 59.5'	Shale as above

WELL DESIGN

CASING MATERIAL		SCREEN MATERIAL		FILTER MATERIAL	
Surface:	6" Steel Protective Casing	Type:	2" PVC	Type:	
				SEAL MATERIAL	
Monitor:	4" Steel (Grouted) 2" PVC	Slot Size:	.010"	Type:	Setting:
COMMENTS:				LEGEND	
				 Cement/Bentonite Grout	
				 Bentonite Seal	
				 Silica Sandpack	
Client:	N.Y.S.D.E.C.	Location:	Patton's Busy Bee	Project No.:	0535352.00
URS Consultants, Inc.				Well Number:	MW-6I

Casing Elevation 2145.11
Riser ElevationProtective Casing with
Lockable Cap

Ground Elevation 2143.65

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18'

49.5

59.5'

AUGERHOLE

5.9 inch dia.

18 feet length

**STEEL CASING
(Grouted)**

4 inch dia.

18 feet length

PVC CASING

2 inch dia.

feet length

AUGERHOLE

3.9 inch dia.

41.5 feet length

PVC SCREEN

2 inch dia.

10 feet length

PRELIMINARY

DRILLING SUMMARY

Geologist:

Andre LaPres / Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-34

Date:

06/22/94

GEOLOGIC LOG

depth(ft.)	lithology
0 - 6'	Brown gravelly clayey silt
6' - 12'	Weathered gray shale with clayey silt
12' - 22'	Gray shale, fractured and broken, occurrences of Calcite vugs and solution voids
22' - 28'	Gray sandstone and shale interbedded.
28' - 51'	Shale as above
51' - 64'	Gray sandstone, massive
64' - 70'	Shale as above

WELL DESIGNCasing Elevation 2163.37
Riser Elevation

Protective Casing with Lockable Cap

Ground Elevation 2161.28

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13' ✓

60' ✓

70' ✓

AUGERHOLE

5.9 inch dia.

13 feet length

STEEL CASING
(Grouted)

4 inch dia.

13 feet length

PVC CASING

2 inch dia.

feet length

AUGERHOLE

3.9 inch dia.

57 feet length

PVC SCREEN

2 inch dia.

10 feet length

PRELIMINARY

CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL	
Surface:	6" Steel Protective Casing	Type: 2" PVC	Type:	
Monitor:	4" Steel (Grouted) 2" PVC	Slot Size: .010"	SEAL MATERIAL	
COMMENTS:			Type:	Setting:
			LEGEND	
			 Cement/Bentonite Grout	
			 Bentonite Seal	
			 Silica Sandpack	
Client:	N.Y.S.D.E.C.	Location:	Patton's Busy Bee	Project No.: 0535352.00
URS Consultants, Inc.				Well Number: MW-71

DRILLING SUMMARY

Geologist:

Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-51

Date:

05/12/94

GEOLOGIC LOG

depth(ft.)	lithology
0' - 4'	Brown gravelly clayey silt cover
4' - 37.2'	Trash and Cover
37.2'	Dry weathered shale

WELL DESIGNCasing Elevation 2252.90
Riser Elevation 2252.59

Ground Elevation 2250.50

Protective Casing with
Lockable CapD
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2228.024.5'
26.5'36.5'
37.4'

Ground Level

AUGERHOLE

6 inch dia.

37.4 feet length

PVC CASING

2 inch dia.

28.59 feet length

PVC SCREEN

2 inch dia.

10 feet length

- 2226.0

2224.0

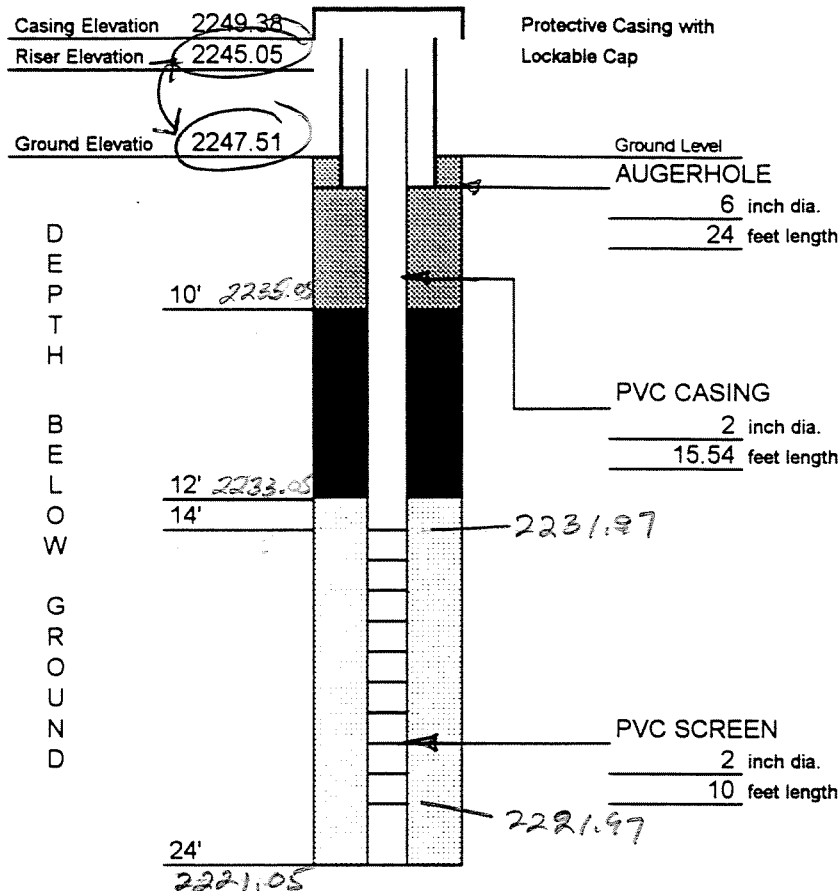
2214.0

- 2213.1

PRELIMINARY

CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
6" Steel Protective Casing	Type: 2" PVC	Type: #2 Sand Setting: 26.5'-37.4'
Monitor: 2' PVC	Slot Size: .010"	SEAL MATERIAL
		Type: Bentonite Pellets Setting: 22.5'-24.5'
COMMENTS:		LEGEND
		 Cement/Bentonite Grout
		 Bentonite Seal
		 Silica Sandpack
Client: N.Y.S.D.E.C.	Location: Patton's Busy Bee	Project No.: 0535352.00
URS Consultants, Inc.		Well Number: P-1

DRILLING SUMMARY	
Geologist: Mike Byrne	
Drilling Company: Technical Drilling Services	
Driller: Carl Rengert	
Rig Make/Model: Mobil B-51	
Date: 05/17/94	
GEOLOGIC LOG	
depth(ft.)	lithology
0' - 3.5'	Brown gravelly clayey silt
3.5' - 23.0'	Alternating layers of trash and green/blue cover material
23.0' - 24.0'	Clean green/blue clayey silt material
WELL DESIGN	



PRELIMINARY

CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
Surface: 6" Steel Protective Casing	Type: 2" PVC	Type: #2 Sand Setting: 12'-24'
Monitor: 2" PVC	Slot Size: .010"	SEAL MATERIAL
		Type: Bentonite Pellets Setting: 10'-12'
COMMENTS:		LEGEND
		Cement/Bentonite Grout Bentonite Seal Silica Sandpack
Client: N.Y.S.D.E.C.	Location: Patton's Busy Bee	Project No.: 0535352.00
URS Consultants, Inc.		Well Number: P-2

DRILLING SUMMARY

Geologist:

Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-51

Date:

05/18/94

GEOLOGIC LOG

depth(ft.) lithology

0' - 4'	Brown gravelly clayey silt
4' - 32'	Trash and cover
32' - 36.5'	Blue/gray clayey material silt
36.5'	Shale

WELL DESIGN

Casing Elevation	2249.01
Riser Elevation	2248.75

Ground Elevation	2246.74
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21' 2225.74

23' 2223.47

25'

2221.74

35'

2211.74

Protective Casing with
Lockable Cap

AUGERHOLE

6 inch dia.

35 feet length

PVC CASING

2 inch dia.

27.01 feet length

PVC SCREEN

2 inch dia.

10 feet length

PRELIMINARY**CASING MATERIAL**

Surface: 6" Steel Protective Casing

Monitor: 2' PVC

SCREEN MATERIAL

Type: 2" PVC

Slot Size: .010"

FILTER MATERIAL

Type: #2 Sand Setting: 23'-35'

SEAL MATERIAL

Type: Bentonite Pellets Setting: 21'-23'

COMMENTS:

Bentonite to 35' BGS

LEGEND Cement/Bentonite Grout Bentonite Seal Silica Sandpack

Client: N.Y.S.D.E.C.

Location: Patton's Busy Bee

Project No.: 0535352.00

URS

Consultants, Inc.

Well Number: P-3

DRILLING SUMMARY

Geologist:

Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-51

Date:

05/19/94

GEOLOGIC LOG

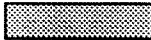
depth(ft.) lithology

0' - 3' Brown gravelly clayey silt cover

3' - 40' Trash and cover

40' - 42' Brown clay silt material

WELL DESIGN

CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL	
Surface:	6" Steel Protective Casing	Type:	2" PVC	Type: #2 Sand Setting: 27'-39'
Monitor:	2' PVC	Slot Size:	.010"	SEAL MATERIAL
				Type: Bentonite Pellets Setting: 25'-29'
COMMENTS:				LEGEND
Bentonite to 39.0' BGS				 Cement/Bentonite Grout
				 Bentonite Seal
				 Silica Sandpack
Client:	N.Y.S.D.E.C.	Location:	Patton's Busy Bee	Project No.: 0535352.00
URS Consultants, Inc.				Well Number: P-4

Casing Elevation 2254.43

Riser Elevation 2254.18

Ground Elevation 2251.84

Protective Casing with Lockable Cap

DEPTH
BELOW
GROUND

AUGERHOLE

6 inch dia.

12 feet length

PVC CASING

2 inch dia.

31.34 feet length

PVC SCREEN

2 inch dia.

10 feet length

PRELIMINARY

DRILLING SUMMARY

Geologist:

Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-51

Date:

05/24/94

GEOLOGIC LOG

depth(ft.) lithology

0' - 4' Brown gravelly clayey
silt

4' - 45' Trash and cover

45' Shale

Casingr Elevation 2255.98

Riser Elevation 2255.42

Ground Elevation 2253.20

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28' 2225.2

30' 2223.2

32'

2221.2

42'

2208.2

Protective Casing with
Lockable Cap

AUGERHOLE

6 inch dia.

45 feet length

PVC CASING

2 inch dia.

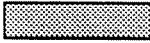
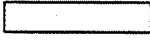
34.22 feet length

PVC SCREEN

2 inch dia.

10 feet length

PRELIMINARY**WELL DESIGN**

CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL	
Surface:	6" Steel Protective Casing	Type:	2" PVC	Type: #2 Sand Setting: 30'-42'
Monitor:	2' PVC	Slot Size:	.010"	SEAL MATERIAL
				Type: Bentonite Pellets Setting: 28'-30'
COMMENTS:			LEGEND	
Bentonite bottom to 42' BGS			 Cement/Bentonite Grout	
			 Bentonite Seal	
			 Silica Sandpack	
Client:	N.Y.S.D.E.C.	Location:	Patton's Busy Bee	Project No.: 0535352.00
URS Consultants, Inc.				Well Number: P-5

DRILLING SUMMARY

Geologist:

Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-51

Date:

05/25/94

GEOLOGIC LOG

depth(ft.)	lithology
0' - 3.5'	Brown gravelly clayey silt
3.5' - 35'	Trash and cover
35' - 37'	Brown/tan clayey silt material

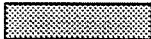
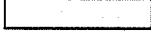
WELL DESIGN

CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
Surface: 6" Steel Protective Casing	Type: 2" PVC	Type: #2 Sand Setting: 23'-35'
Monitor: 2" PVC	Slot Size: .010"	SEAL MATERIAL
		Type: Bentonite Pellets Setting: 21'-23'

COMMENTS:

Bentonite bottom to 35' BGS

LEGEND

	Cement/Bentonite Grout
	Bentonite Seal
	Silica Sandpack

Casing Elevation 2254.77

Riser Elevation 2254.39

Ground Elevation 2252.04

Protective Casing with Lockable Cap

AUGERHOLE

6 inch dia.

37 feet length

PVC CASING

2 inch dia.

27.35 feet length

PVC SCREEN

2 inch dia.

10 feet length

DEPTH
BELOW
GROUND

21'

2237.04

23' 2229.04

25'

2227.04

35'

2217.04

2215.04

- 2217.04

PRELIMINARY

Client: N.Y.S.D.E.C.

Location: Patton's Busy Bee

Project No.: 0535352.00

URS

Consultants, Inc.

Well Number: P-6

DRILLING SUMMARY

Geologist:

Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-51

Date:

05/27/94

GEOLOGIC LOG

depth(ft.) lithology

0' - 3.5' Brown/gray gravel

3.5' - 35' Trash and cover

35' Sandstone

WELL DESIGN**CASING MATERIAL**

Surface: 6" Steel Protective Casing

Monitor: 2" PVC

SCREEN MATERIAL

Type: 2" PVC

Slot Size: .010"

FILTER MATERIAL

Type: #2 Sand Setting: 21'-33'

SEAL MATERIAL

Type: Bentonite Pellets Setting: 19'-21'

COMMENTS:

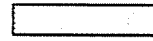
Bentonite bottom to 33' BGS

LEGEND

Cement/Bentonite Grout



Bentonite Seal



Silica Sandpack

Casing Elevation 2180.68

Riser Elevation 2179.59

Ground Elevation 2177.68

Protective Casing with
Lockable CapD
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19' 2158.68

21' 2156.68

23'

2154.68

33' 2144.68

35' 2143.68

AUGERHOLE

6 inch dia.

35 feet length

PVC CASING

2 inch dia.

24.91 feet length

PVC SCREEN

2 inch dia.

10 feet length

2154.68

2144.68

PRELIMINARY

Client: N.Y.S.D.E.C.

Location: Patton's Busy Bee

Project No.: 0535352.00

URS

Consultants, Inc.

Well Number: P-7

DRILLING SUMMARY

Geologist:

Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-51

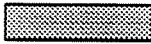
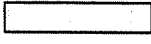
Date:

06/1/94

GEOLOGIC LOG

depth(ft.)	lithology
0' - 4'	Brown/gray gravelly clayey silt
4' - 21'	Trash and cover
21' - 22.5'	Brown clayey silt material
22.5'	Shale

WELL DESIGN

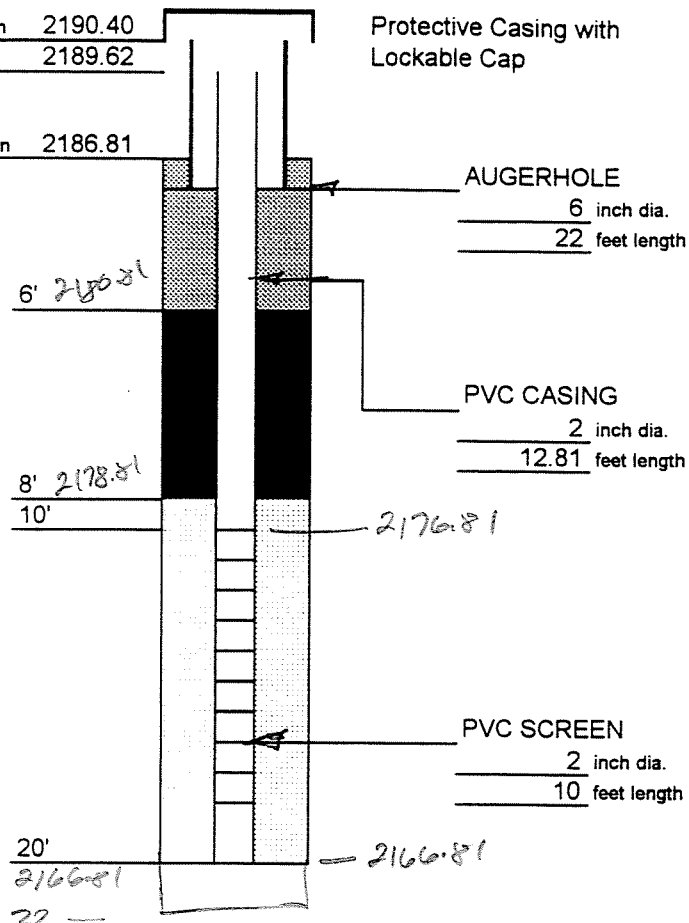
CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
Surface: 6" Steel Protective Casing	Type: 2" PVC	Type: #2 Sand Setting: 8'-20'
Monitor: 2' PVC	Slot Size: .010"	SEAL MATERIAL
		Type: Bentonite Setting: 6'-8'
		Pellets
COMMENTS:		LEGEND
Bentonite bottom to 20' BGS		 Cement/Bentonite Grout
		 Bentonite Seal
		 Silica Sandpack
Client: N.Y.S.D.E.C.	Location: Patton's Busy Bee	Project No.: 0535352.00
URS Consultants, Inc.		Well Number: P-8

Casing Elevation 2190.40
Riser Elevation 2189.62

Ground Elevation 2186.81

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D**PRELIMINARY**

DRILLING SUMMARY

Geologist:

Mike Byrne

Drilling Company:

Technical Drilling Services

Driller:

Carl Rengert

Rig Make/Model:

Mobil B-51

Date:

06/2/94

GEOLOGIC LOG

depth(ft.) lithology

0' - 4'

Brown gravelly clayey
silt

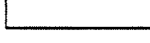
4' - 34'

Trash and cover

34' - 35'

Gray clayey silt material

WELL DESIGN

CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
Surface: 6" Steel Protective Casing	Type: 2" PVC	Type: #2 Sand Setting: 22'-34'
Monitor: 2' PVC	Slot Size: .010"	SEAL MATERIAL
		Type: Bentonite Pellets Setting: 20'-22'
COMMENTS: Bentonite bottom to 34' BGS		LEGEND
		 Cement/Bentonite Grout
		 Bentonite Seal
		 Silica Sandpack
Client: N.Y.S.D.E.C.	Location: Patton's Busy Bee	Project No.: 0535352.00
URS Consultants, Inc.		Well Number: P-9

Casing Elevation 2185.45
Riser Elevation 2184.82Protective Casing with
Lockable Cap

Ground Elevation 2182.71

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20' 2162.71

22' 2160.71
24'34' 2148.71
35'

-2148.71

AUGERHOLE

6 inch dia.

35 feet length

PVC CASING

2 inch dia.

26.11 feet length

PVC SCREEN

2 inch dia.

10 feet length

PRELIMINARY

DRILLING SUMMARY		
Geologist: Mike Byrne		
Drilling Company: Technical Drilling Services		
Driller: Carl Rengert		
Rig Make/Model: Mobil B-51		
Date: 06/2/94		
GEOLOGIC LOG		
depth(ft.)	lithology	
0' - 4'	Brown gravelly clayey silt	
4' - 33'	Trash and cover	
33'	Shale	
WELL DESIGN		
CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
Surface:	Type: PVC	Type: #2 Sand Setting: 20'-32'
Monitor:	Slot Size: .010"	SEAL MATERIAL Type: Bentonite Setting: 18'-20' Pellets
COMMENTS: Bentonite bottom to 32' BGS		LEGEND Cement/Bentonite Grout Bentonite Seal Silica Sandpack
Client: N.Y.S.D.E.C.	Location: Patton's Busy Bee	Project No.: 0535352.00
URS Consultants, Inc.		Well Number: P-10

Casing Elevation 2182.90

Riser Elevation 2182.73

Ground Elevation 2180.58

Protective Casing with Lockable Cap

AUGERHOLE
6 inch dia.
33 feet length

PVC CASING
2 inch dia.
24.15 feet length

PVC SCREEN
2 inch dia.
10 feet length

PRELIMINARY

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18' 2162.58

20' 2160.58

22' 2158.58

32' 2148.58

33' - 2148.58

SANITARY LANDFILL
PATTON'S BUSY BEE DISPOSAL
SERVICE, INC.
TEST PIT AND TRENCH LOCATIONS
SHEET 6 OF 8 SHEETS

FINAL CLOSURE

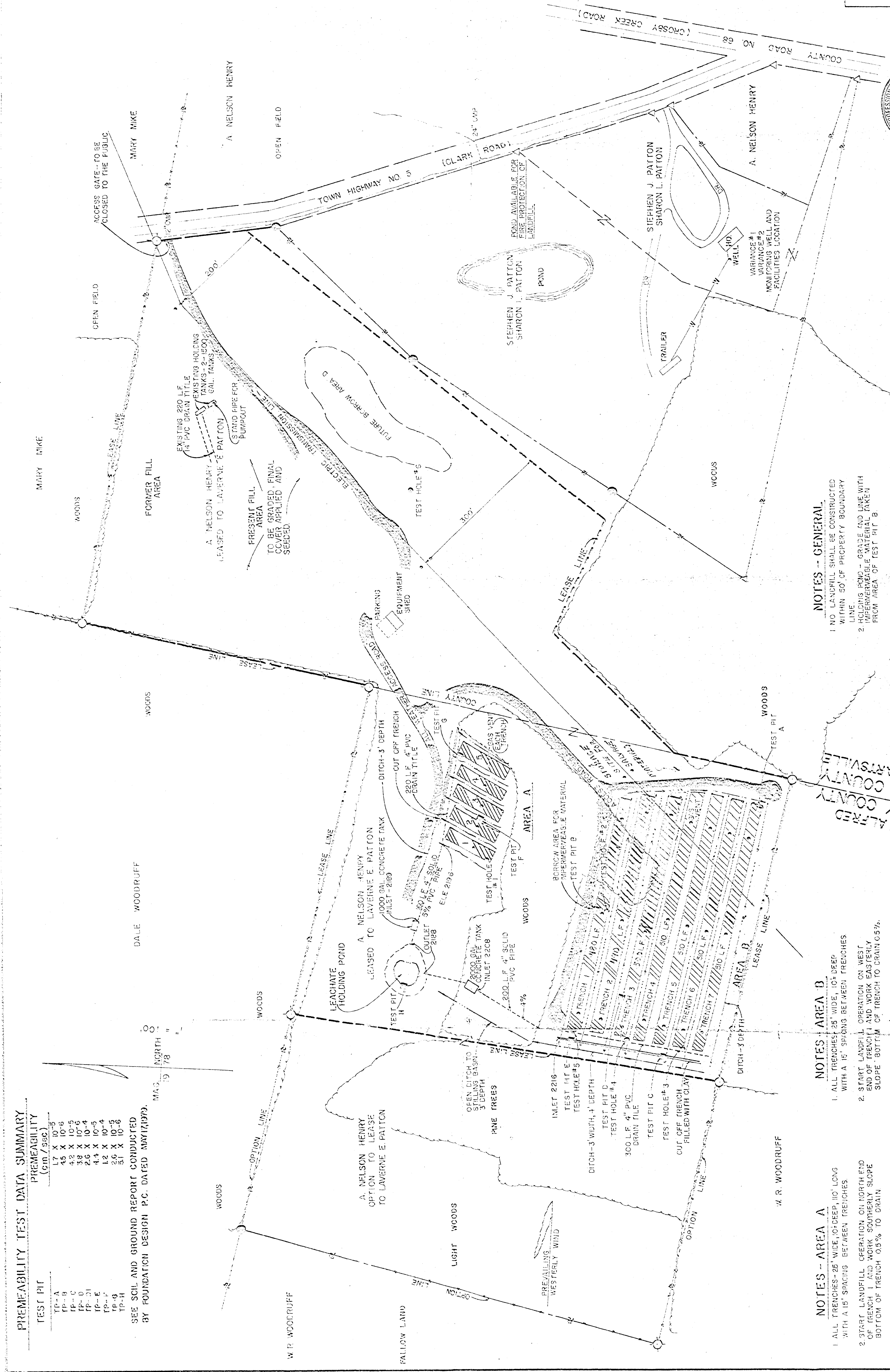
AFTER APPROVAL OF AREAS A & B IN ALLEGANY COUNTY FOR LANDFILL OPERATIONS AREA C IN STEUBEN COUNTY WILL BE CLOSED AND GRADED TO LINES INDICATED ON PLANS. FINAL COVER AND SEEDING TO BE APPLIED AS INDICATED ON PLANS.
AREA B WILL BE OPERATED AS A LANDFILL SITE AS INDICATED ON THE PLANS. THEN AREA A UPON CLOSURE OF AREAS A & B THE AREA WILL BE GRADED TO PROPOSED CLOSURE LINE AND COVER AND SEEDING TO BE APPLIED AS INDICATED ON THE PLANS.
B. FINAL COVER FOR AREA C WILL BE TAKEN FROM AREA A AND FINAL COVER FOR AREA B WILL BE TAKEN FROM AREA A. BORROW AREA D AS INDICATED ON THE PLANS.
C. ANY CRACKS OR DEPRESSIONS SHALL BE GRADED AND RESEDED FOR A PERIOD OF FIVE YEARS. PROBLEMS THAT DEVELOPE LATER THAN FIVE YEARS AFTER CLOSURE THAT ARE RELATED TO LANDFILL OPERATIONS SHALL REMAIN THE RESPONSIBILITY OF LAVERNE E. PATTON.

SOILS DATA

(1) TOPSOIL
(2) CLAY - LOAM
(3) WEAKLY STRUCTURED STRATIFIED SHALE
SOME CLAY (EASILY EXCAVATED BY MACHINE)
TEST HOLE 1
TO 6" - (1)
TO 3' - (2)
TO 20' - (3)
TEST HOLE 2
TO 6" - (1)
TO 3' - (2)
TO 20' - (3)
NO GROUND WATER OR BEDROCK ENCOUNTERED TO 20'.
ADJACENT WELL INDICATES GROUND WATER AT APPROXIMATELY 100' DEPTH BELOW SURFACE.
TEST PIT A
TO 6" - (1)
TO 3' - (2)
TO 10' - (3)
NO GROUND WATER
TEST PIT B
TO 6" - (1)
TO 3' - (2)
TO 10' - (3)
NO GROUND WATER
TEST PIT C
TO 6" - (1)
TO 25' - (2)
TO 10' - (3)
NO GROUND WATER
TEST PIT D
TO 6" - (1)
TO 25' - (2)
TO 10' - (3)
NO GROUND WATER
TEST PIT E
TO 6" - (1)
TO 25' - (2)
TO 10' - (3)
NO GROUND WATER
TEST PIT F
TO 6" - (1)
TO 25' - (2)
TO 10' - (3)
NO GROUND WATER

LEGEND

- IRON PIN FOUND
- IRON PIN SET 1978
- CORNER - NO PIN
- TEST HOLE
- TEST PIT



NOTES - GENERAL

1. NO LANDFILL SHALL BE CONSTRUCTED WITHIN 50' OF PROPERTY BOUNDARY LINE.
2. EXISTING POND - GRADE AND LINE WITH IMPERMEABLE MATERIAL TAKEN FROM AREA OF TEST PIT B.
3. STILLING BASIN - UTILIZE EXISTING LOW AREA FOR SEDIMENT CONTROL.
4. DITCHES TO BE 3' BELOW EXISTING GROUND LEVEL DIVERST SURFACE WATER FROM NON-OPERATIONAL AREAS AWAY FROM POND.

NOTES - AREA B

1. ALL TRENCHES 25' WIDE, 10' DEEP WITH A 15' SPACING BETWEEN TRENCHES.
2. START LANDFILL OPERATION ON WEST END OF TRENCH 1 AND WORK EASTERLY SLOPE BOTTOM OF TRENCH TO DRAIN 0.5% TO CENTER.
3. GAS VENTS - 100' MAXIMUM CENTER TO CENTER.
4. EXISTING VEGETATED AREAS TO BE REMOVED FOR SPRAY BACK FROM LEACHATE HOLDING POND SURFACE DRAINAGE FROM SPRAY BACK AREA SMALL DRAIN TO HOLDING POND.

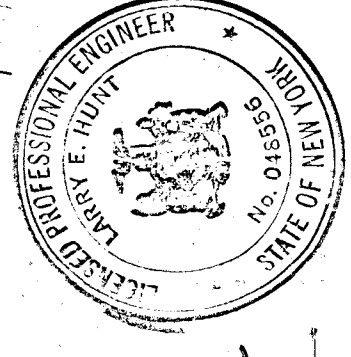
NOTES - AREA A

1. ALL TRENCHES - 25' WIDE, 10' DEEP, 10' LONG WITH A 15' SPACING BETWEEN TRENCHES.
2. START LANDFILL OPERATION ON NORTHEAST END OF TRENCH 1 AND WORK SOUTHWESTLY SLOPE BOTTOM OF TRENCH 0.5% TO DRAIN.

PERMEABILITY TEST DATA SUMMARY

TEST PIT	PERMEABILITY (cm/sec.)
TP-A	1.7 x 10 ⁻⁸
TP-B	4.5 x 10 ⁻⁸
TP-C	4.2 x 10 ⁻⁵
TP-D	3.8 x 10 ⁻⁵
TP-E	2.6 x 10 ⁻⁴
TP-F	4.4 x 10 ⁻⁴
TP-G	1.2 x 10 ⁻⁴
TP-H	3.4 x 10 ⁻⁶

SEE SOIL AND GROUND REPORT CONDUCTED BY FOUNDATION DESIGN P.C. DATED MAY(1979).



DESIGN BY:

Larry E. Hunt
LARRY E. HUNT
P.E. LIC. NO. 448556

REVISIONS: EXTEND TRENCHES #1, #2 & #3 AREA B
1/24/81

AREA B

EXTEND TRENCH FROM TO
#1 200 LF - 490 LF.
#2 260 LF - 490 LF.
#3 230 LF - 500 LF.

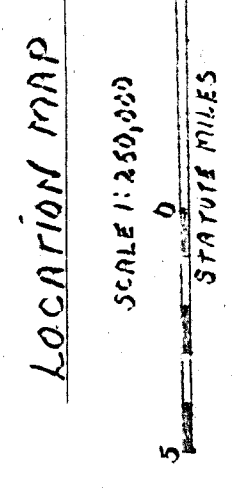
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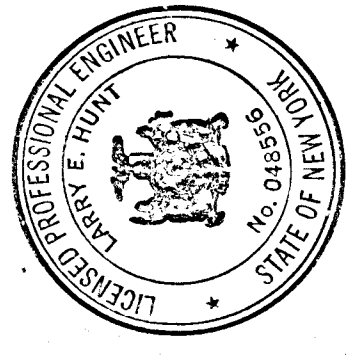
N.Y.S. DEPT. OF
ENVIRONMENTAL CONSERVATION
REGION 9 HEADQUARTERS

A hand-drawn map titled "VICINITY MAP 17-2000". The map shows several roads: "ALFRED STATION ROAD" running vertically through the center; "HAMILTON HILL ROAD" branching off horizontally to the right; "CLARK ROAD" at the top left; "WILSON ROAD" at the bottom left; "MADISON AVE" at the top right; "BIRCHWOOD RD" on the right side; and "EVALLEY ROAD" at the bottom right. Two towns are labeled vertically on the left: "TOWN OF HONEOYE FALLS" and "TOWN OF HAMLET". A hatched rectangular area is labeled "PROJECT SITE". Other labels include "STEUBEN CO., N.Y.", "ALFRED STATION", "HAMILTON HILL", "CLARK", "WILSON", "MADISON", "BIRCHWOOD", and "EVALLEY". A north arrow points towards the upper left corner.

VICINITY MAP 1" = 2000'



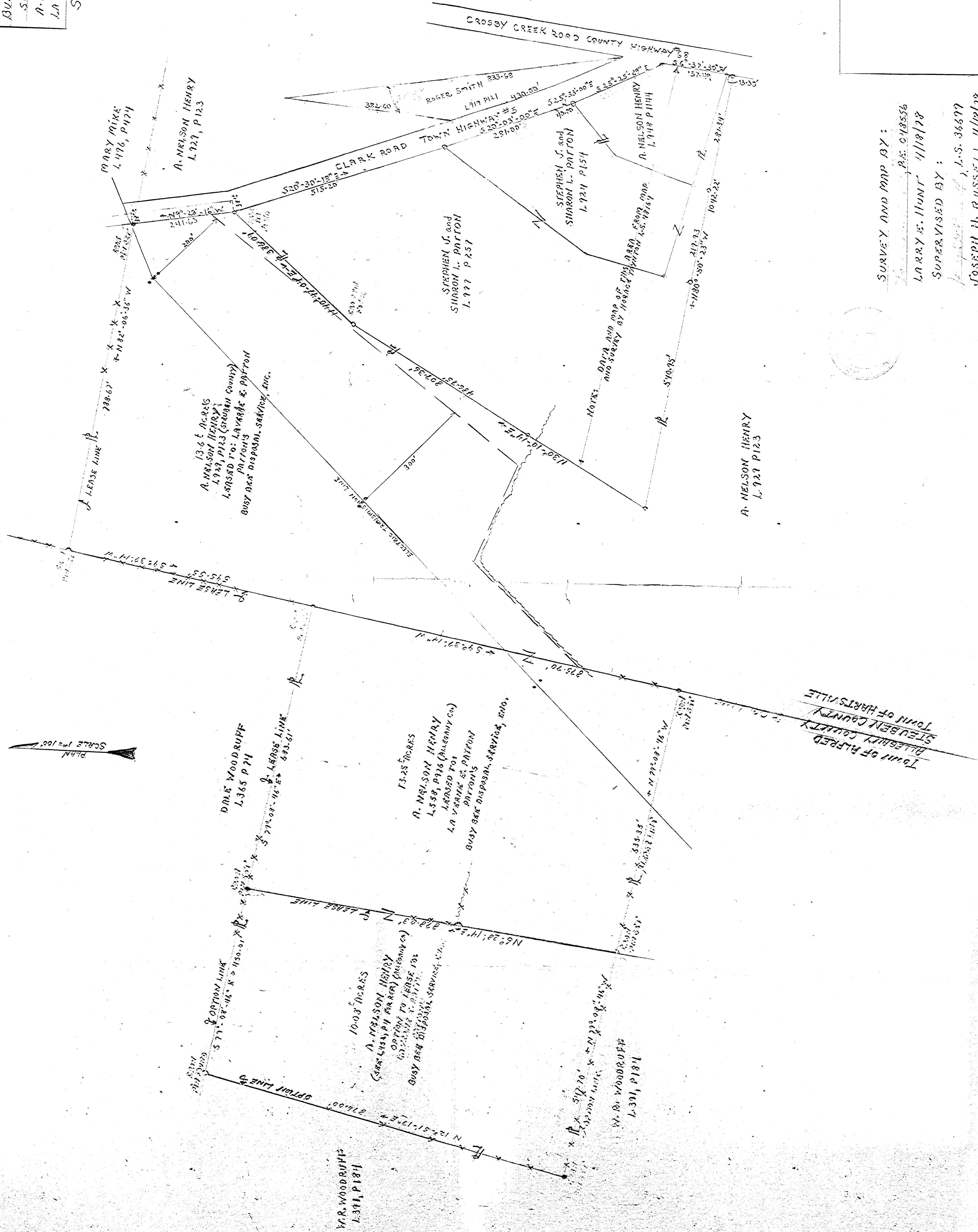
~~TOWNSHIP~~ DESIGNATES PRESENT SERVICE AREAS



#02.513

DESIGN BY:
Larry E. Hunt, P.E. 018556
LARRY E. HUNT 6/30/78

PRITTON'S
 BUSY BEE DISPOSAL SERVICE,
 SURVEY MAP OF LANDS OF
 A. NELSON HENRY LEASED TO
 LA VERNE E. PRITTON
 SANITARY LANDFILL



SURVEY AND MAP BY:
 LARRY E. HUNT 4/18/78
 SUPERVISED BY:
 JOSEPH H. RUSSELL 4/18/78

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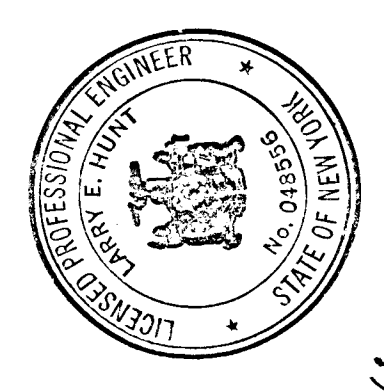
JUL 6 1978

MSYCS DEPT. OF
ENVIRONMENTAL CONSERVATION
REGION 2 HEADQUARTERS

SANITARY LANDFILL.

NAME	A. B. C.			TOTAL LBS. PURE LIVE SEED PER PLOT
	A.	B.	C.	
1. FESCUE	80	140		
2. PERennial RYE GRASS	95	15		
3. CRIMSON CLOVER	75	10		
4. ALB. HARE SEED	60	35		
5. RED WHITE CLOVER			120	

RT1480: 20 LBS NITROGEN PER ACRE
LGH: 1 MAY OR STRAW 2 TONS PER ACRE



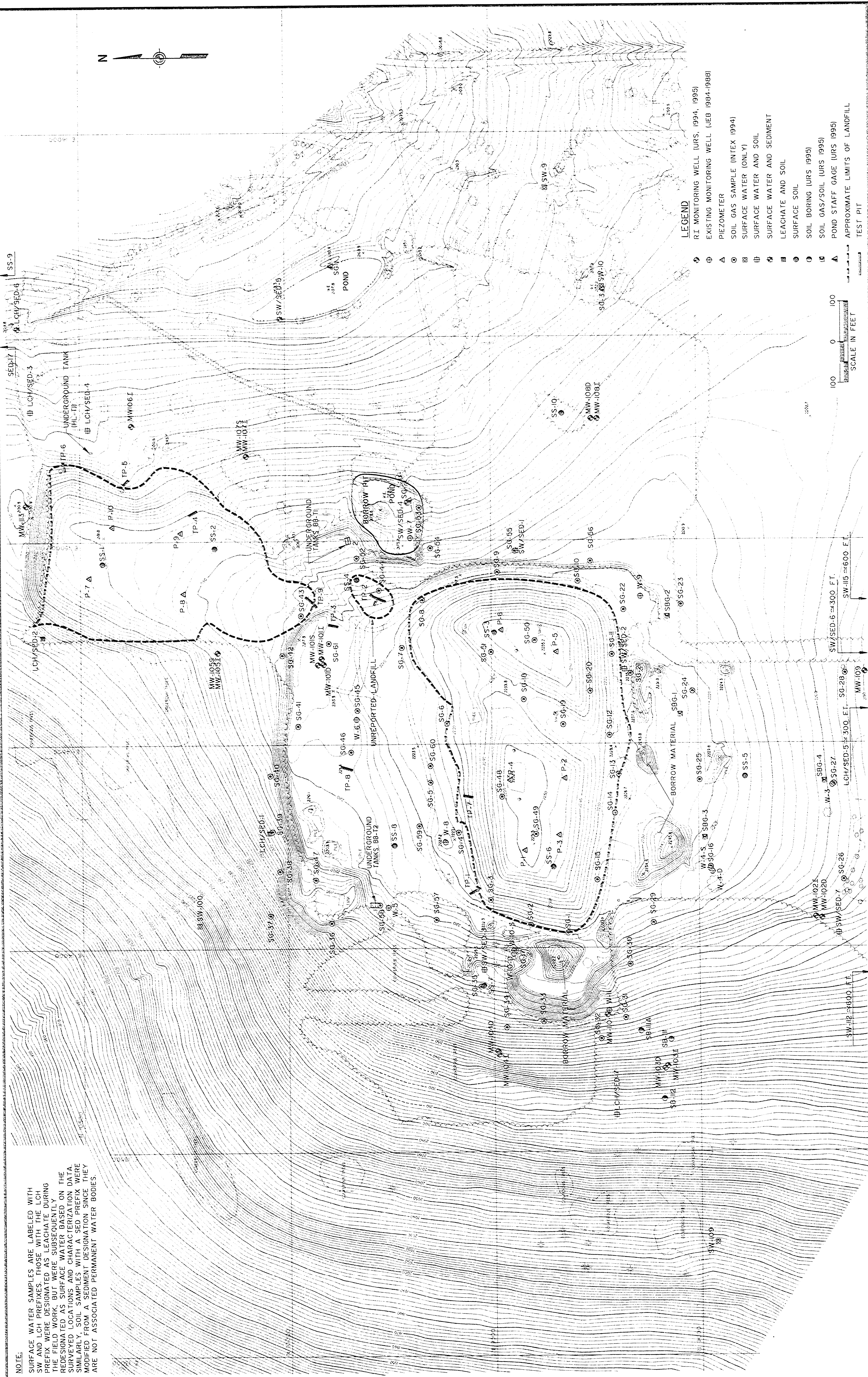
DESIGN BY:
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NATIONAL SYSTEM OF
ENVIRONMENTAL CONSERVATION
REGION 2 HEADQUARTERS

Patten's

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NYE REP
ENVIRONMENTAL OBSERVATION
REGION 2 HEADQUARTERS

SURFACE WATER SAMPLES ARE LABELED WITH SW AND LCH PREFIXES. THOSE WITH THE LCH PREFIX WERE DESIGNATED AS LEACHATE DURING THE FIELD WORK, BUT WERE SUBSEQUENTLY REDESIGNED AS SURFACE WATER BASED ON THE SURVEYED LOCATIONS AND CHARACTERIZATION DATA. SIMILARLY, SOIL SAMPLES WITH A SED PREFIX WERE MODIFIED FROM A SEDIMENT DESIGNATION SINCE THEY ARE NOT ASSOCIATED PERMANENT WATER BODIES.



RI MONITORING WELL (URS, 1994, 1995)
EXISTING MONITORING WELL (JEB 1984-1988)

PIEZOMETER
SOIL GAS SAMPLE (INTEX 1994)
SURFACE WATER (ONLY)
SURFACE WATER AND SOIL
SURFACE WATER AND SEDIMENT
LEACHATE AND SOIL
SURFACE SOIL
SOIL BORING (URS 1995)
SOIL GAS/SOIL (URS 1995)
POND STAFF GAGE (URS 1995)
APPROXIMATE LIMITS OF LANDFILL
TEST PIT

0 100
SCALE IN FEET

[illegible]

URS
URS Consultants, Inc.
CONSULTING ENGINEERS
BUFFALO NEW YORK
JOB No. 35352

PATTON'S BUSY BEE LANDFILL

REMEDIAL INVESTIGATION

SAMPLING LOCATIONS

DATE	DESCRIPTION	NO.	DATE
			REVISIONS

PROJ. ENGR.

المجلة الدولية لدراسات الطفولة

JOB No. 35352

ALFRED STATION

NEW YORK

Scale: 1" = 100'

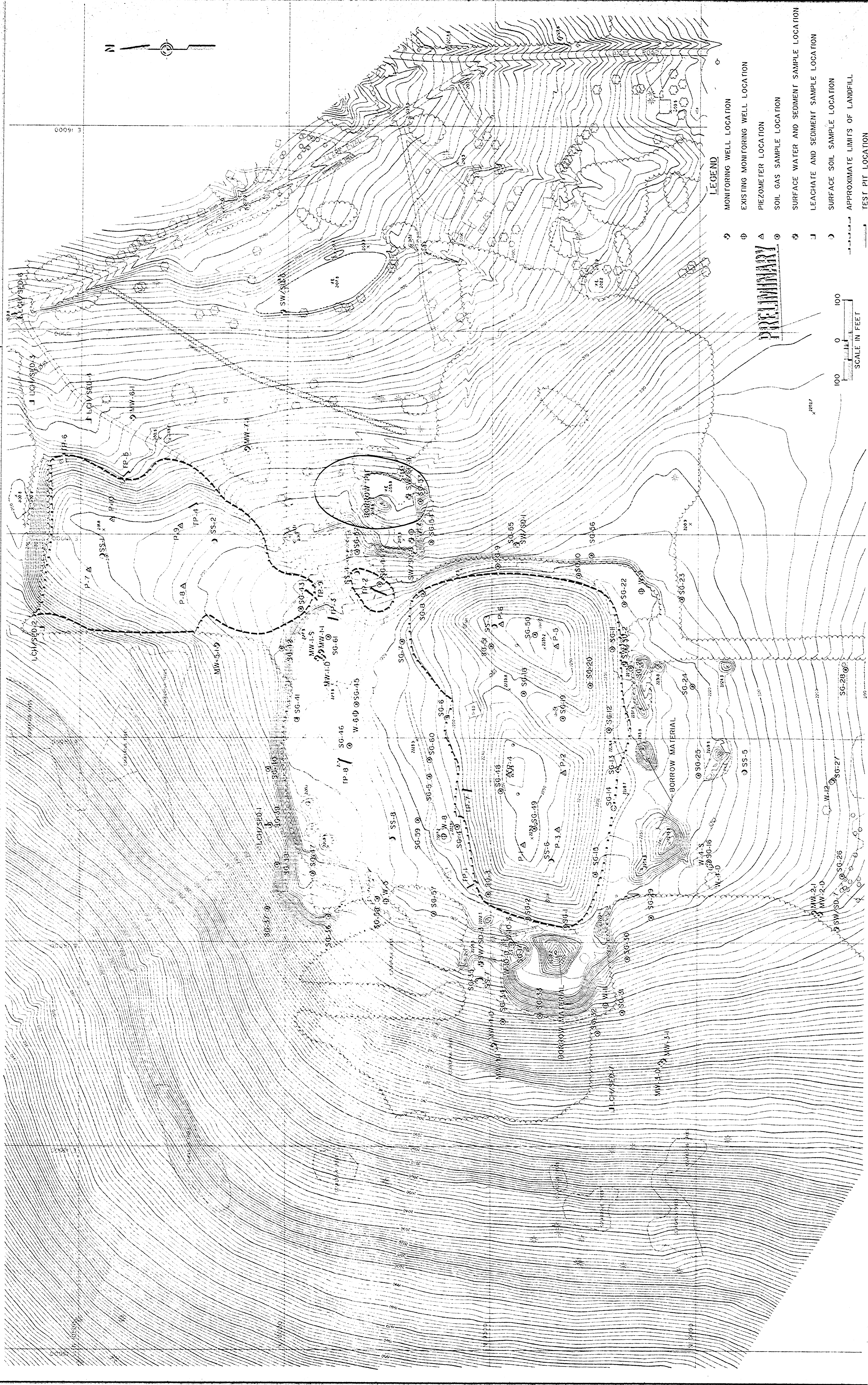
PLATE I

M. Hinton

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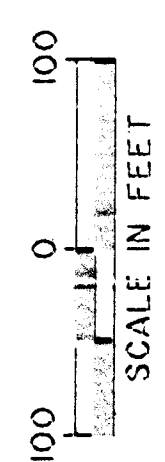
NYSDEC-REG. 9
FOIL
___REL___UNREL



LEGEND

- MONITORING WELL LOCATION
- EXISTING MONITORING WELL LOCATION
- PIEZOMETER LOCATION
- SOIL GAS SAMPLE LOCATION
- SURFACE WATER AND SEDIMENT SAMPLE LOCATION
- LEACHATE AND SEDIMENT SAMPLE LOCATION
- SURFACE SOIL SAMPLE LOCATION
- APPROXIMATE LIMITS OF LANDFILL
- TEST PIT LOCATION

PRELIMINARY



DESIGNED BY: AAA		URS		URS Consultants, Inc.		JOB No. 35352	
DRAWN BY: BBB		CONSULRING		ENGINEERS		NEW YORK	
CHECKED BY: CCC		BUFFALO		NEW YORK		PATTON'S BUSY BEE LANDFILL	
PROJ. ENGR. DDD		ALFRED STATION		NEW YORK		JOB PHASE TITLE	
NO DATE		NO DATE		NO DATE		SOIL GAS/ TEST PITS	
DESCRIPTION		DESCRIPTION		DESCRIPTION		DWG. NO.	
REVISIONS		REVISIONS		REVISIONS		Date: JULY 1994	

SANITARY LANDFILL.

SEEDING SCHEDULES

A. B. C.

COMMERCIAL	35	15
COMMERCIAL	75	10

SEED PER ACRE: 20

17.000 PER ANNO

5/15/20

1107

LAY (EASILY EXCAVATED)

100

7021.

ND WATER 30 0000

1968-1970 - HADJIA

100' DEPTH SECTION

0

TEST.

5018

Co 10' (3

de S. J.

— 2105 5" 10

2017-2018

2110

2115 6" top

177

125
NO GROUND
FEEL

Topsoil

12/01/02
H27

SIR PETER'S SECOND WATTS

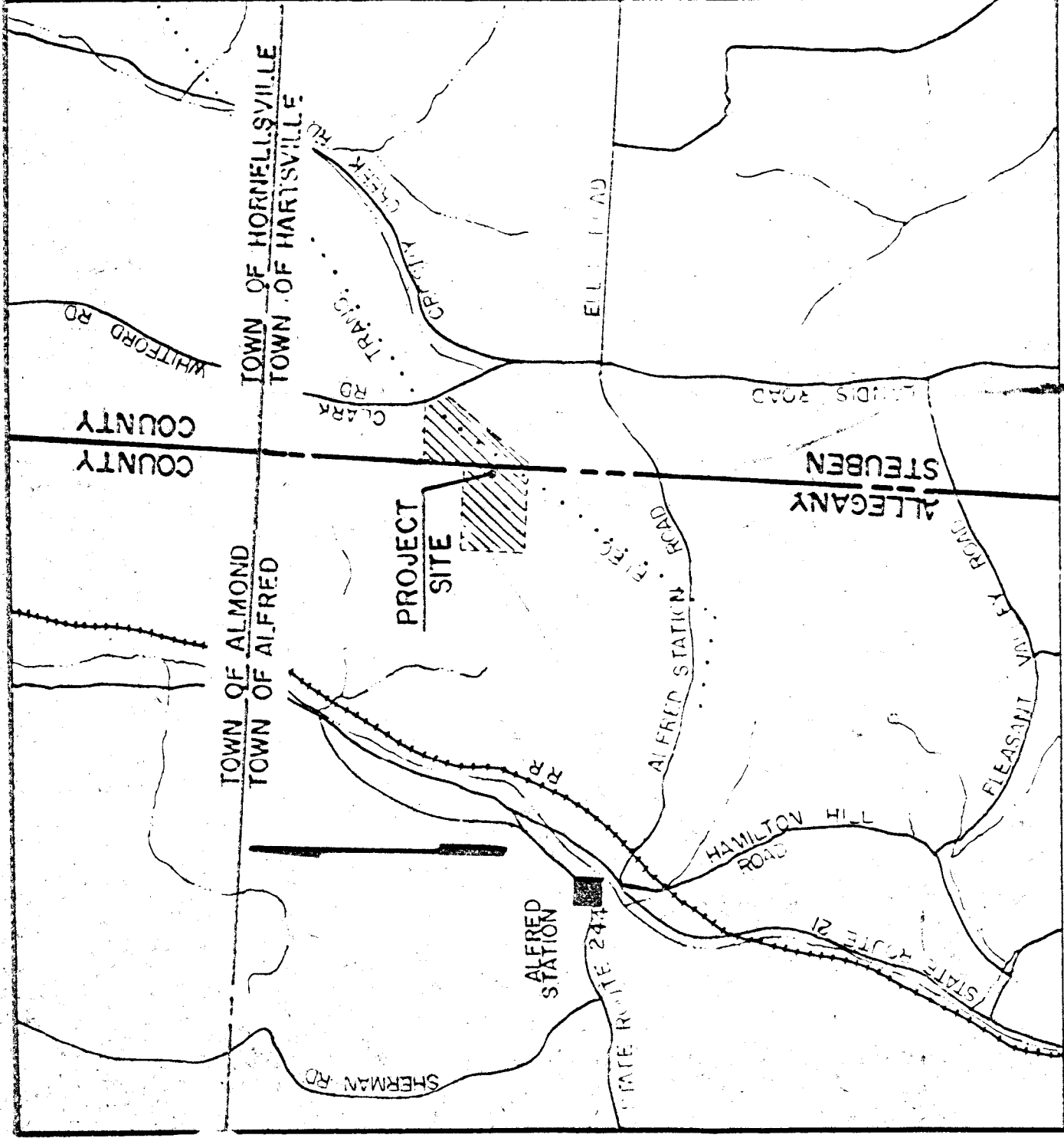
1111

1810' - (3)

251
1974

178

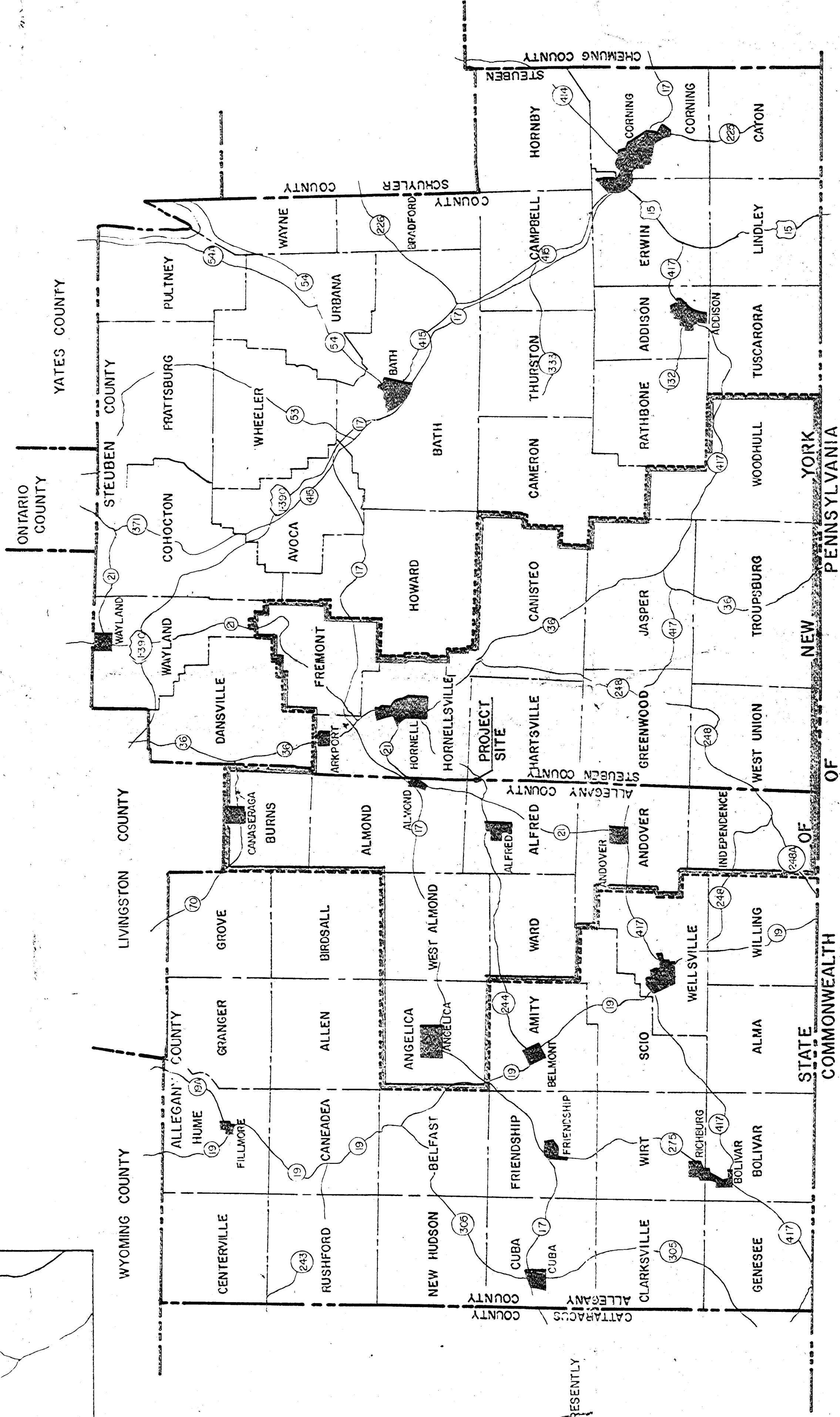
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VICINITY MAP
SCALE: 1" = 2,000'

SANITARY LANDFILL
PATTON'S BUSY BEE DISPOSAL
SERVICE, INC.
PROJECT LOCATION PLAN
SHEET 1 OF 6 SHEETS
JES
CONSULTANTS
2081 WOOD AVENUE
BUFFALO, NEW YORK 14203

NOTE: LOCATION MAP PREPARED BY
MR. LARRY E. HUNT AS PART OF THE
ORIGINAL 1973 SUBMISSION



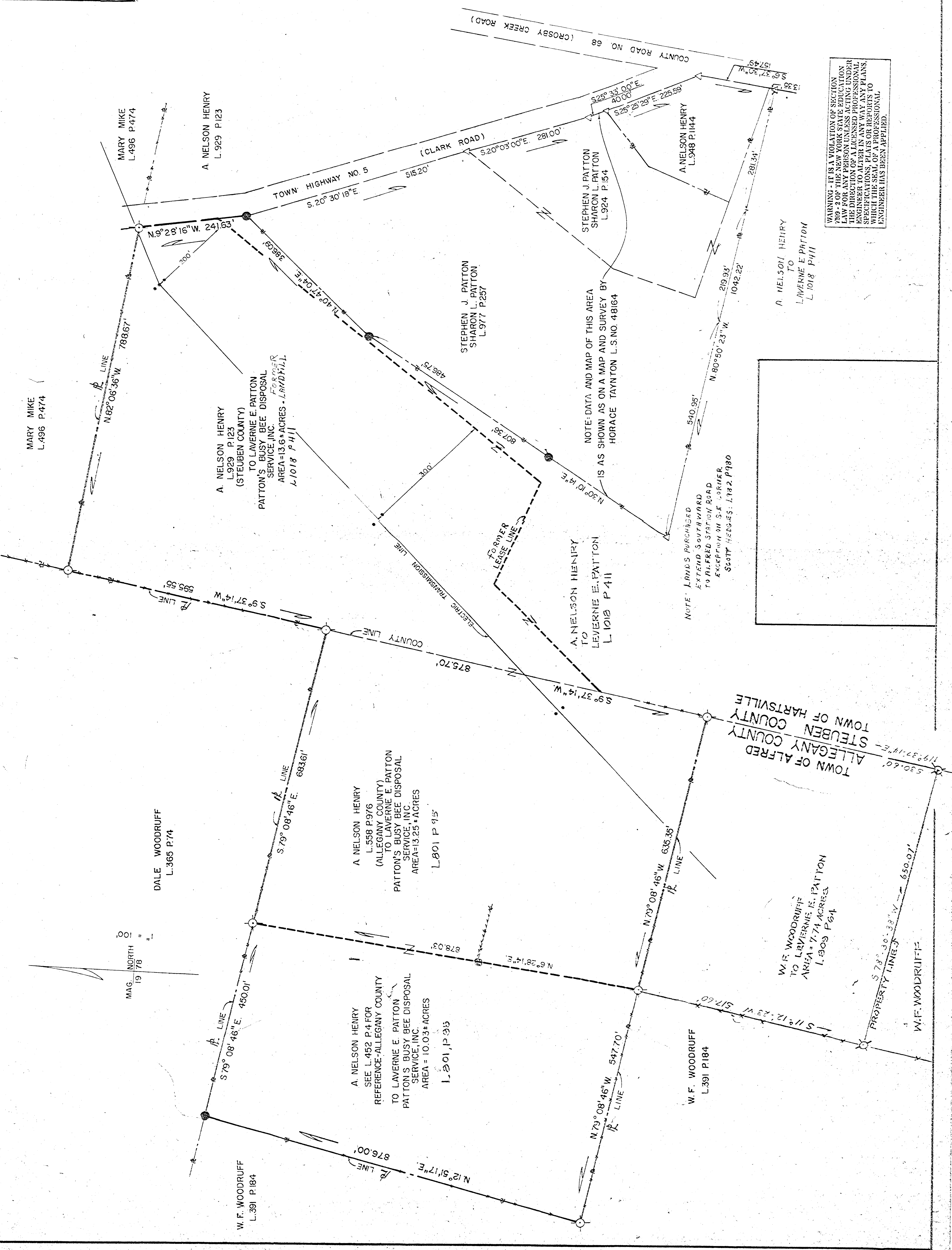
LOCATION MAP

SCALE 1:250,000
STATUTE MILES

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SANITARY LANDFILL
PATTON'S BUSY BEE DISPOSAL
SERVICE, INC.
SURVEY MAP OF LANDS OF
LAVERNE E. PATTON
SHEET 2 OF 6 SHEETS

808 LAKWOOD AVENUE
SUFFOLK NEW YORK 14809
J.E.H.
CONSULTANTS



LEGEND
● IRON PIN FOUND
○ IRON PIN SET
△ CORNER - NO PIN

I HEREBY CERTIFY THIS TO
BE AN ACCURATE MAP BASED
ON AN ACCURATE SURVEY.

LARRY E. HUNT, INTERN L.S. NO. 94
P.E. LIC. NO. 048556

UNDER THE SUPERVISION OF

JOSEPH H. RUSSELL
L.S. LIC. NO. 36699

REVISED 4/21/83
TO INDICATE PURCHASES
BY LAVERNE E. PATTON

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SANITARY LANDFILL
PATTON'S BEE DISPOSAL
SERVICE, INC.

EXISTING CONTOURS

SHEET 3 OF 6 SHEETS

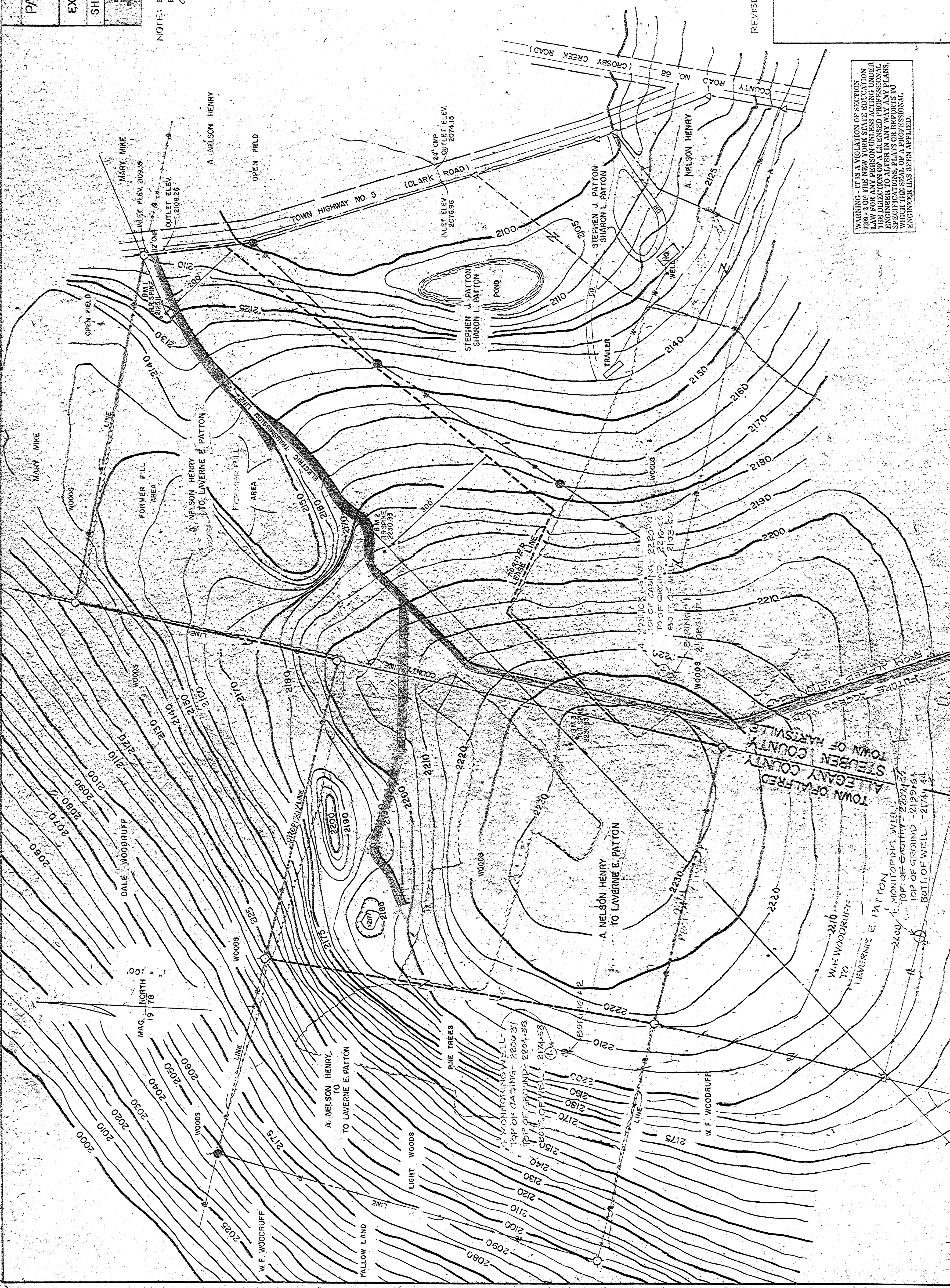
JHB CONSULTANTS
100 LANCASTER AVENUE
BUFFALO, NEW YORK 14203

NOTE: EXISTING CONTOUR MAP PREPARED
BY MR. LARRY E. HUNT AS PART
OF THE ORIGINAL 1978 SUBMISSION.

- LEGEND
- IRON PIN FOUND
 - IRON PIN SET 1978
 - △ CORNER - NO PIN

REVISED ROAD LOCATIONS 6/23/83

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SANITARY LANDFILL
PATTON'S BUSY BEE DISPOSAL
SERVICE, INC.
PROPOSED CONTOURS
SHEET 4 OF 6 SHEETS

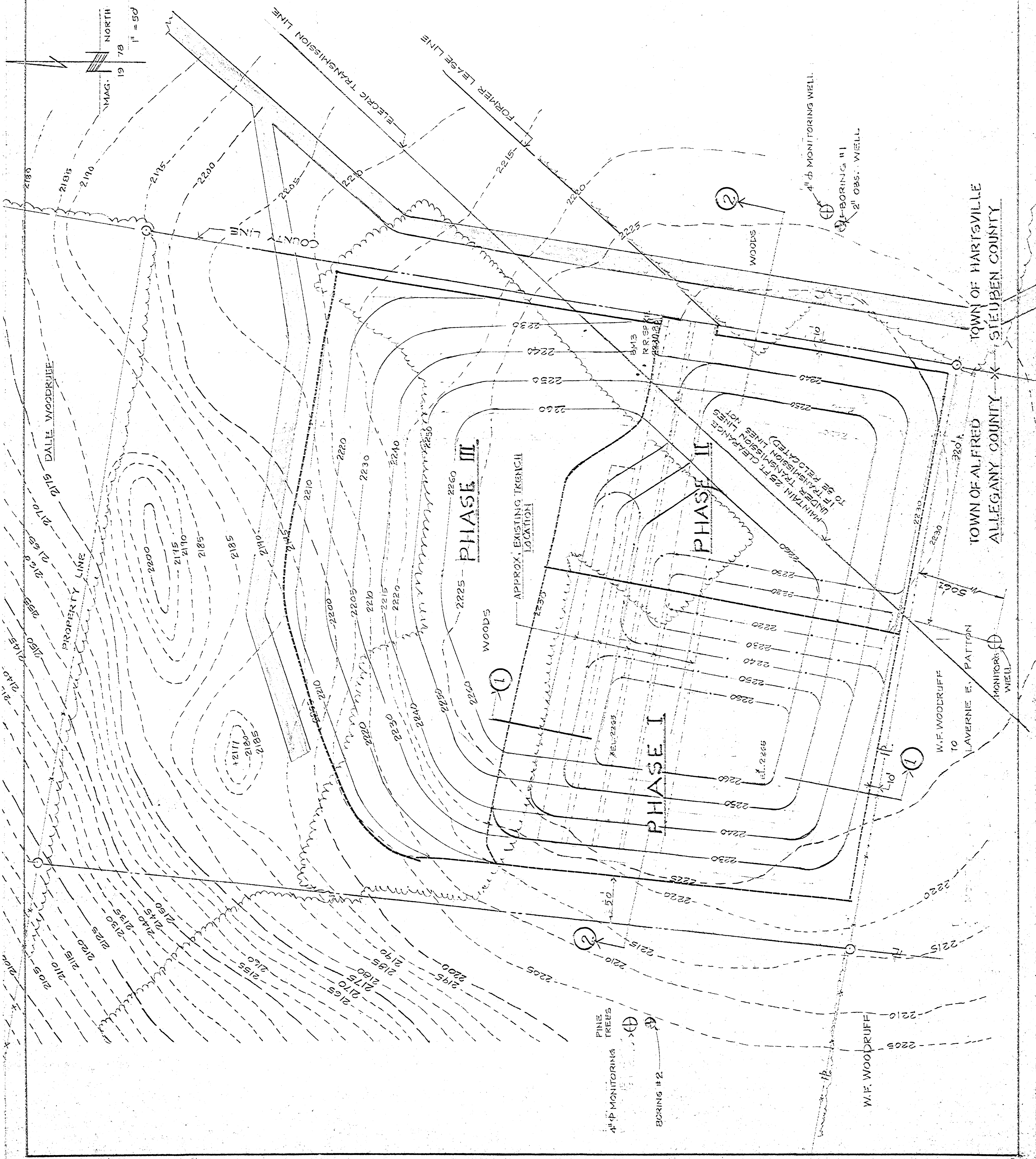
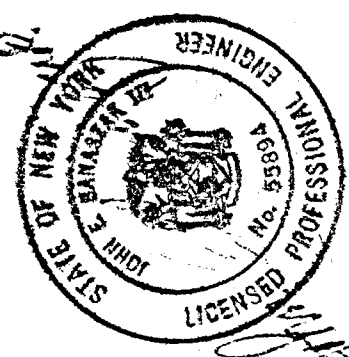
200 LAMARCO AVENUE
ELFALD, NEW YORK 11923
CONSULTANTS

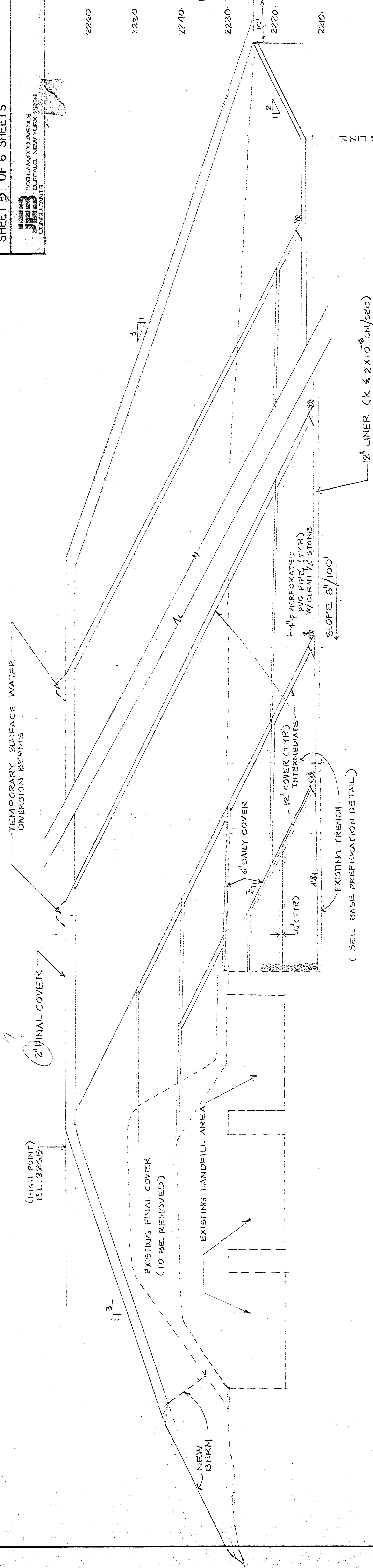
NOTE: THIS TOPOGRAPHIC DRAWING WAS
PREPARED FROM EXISTING CONTOUR
SHEET NO. 3 PREPARED BY MR. LARRY E. HUNT
IN 1978 AS PART OF THE ORIGINAL SUBMISSION.

LEGEND

- IRON PIN SET 1978.
- EXISTING
- PROPOSED FINAL
- PROPOSED PHASE I INTERMEDIATE
- PROPERTY LINE
- PHASE LIMIT LINE (THE LINE)

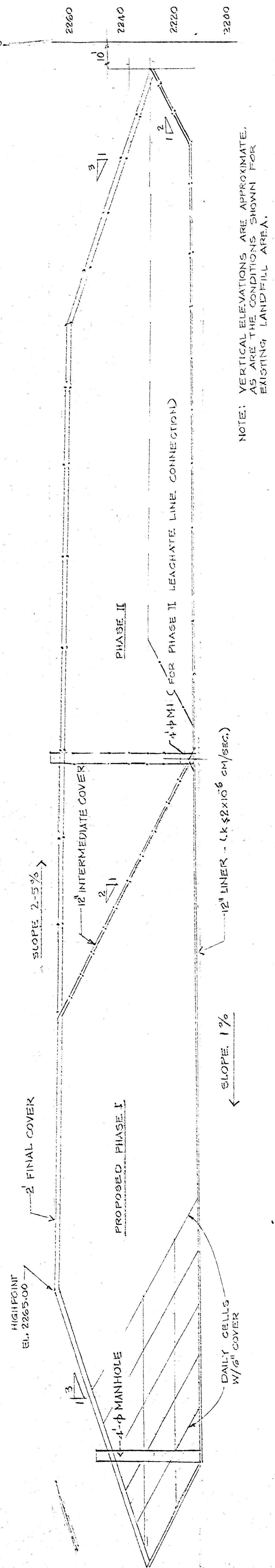
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CROSS SECTION 1-1
1" = 10'-0" HORI. 1/4" VERT.

LEGEND
— PROPOSED
--- EXIST'G.



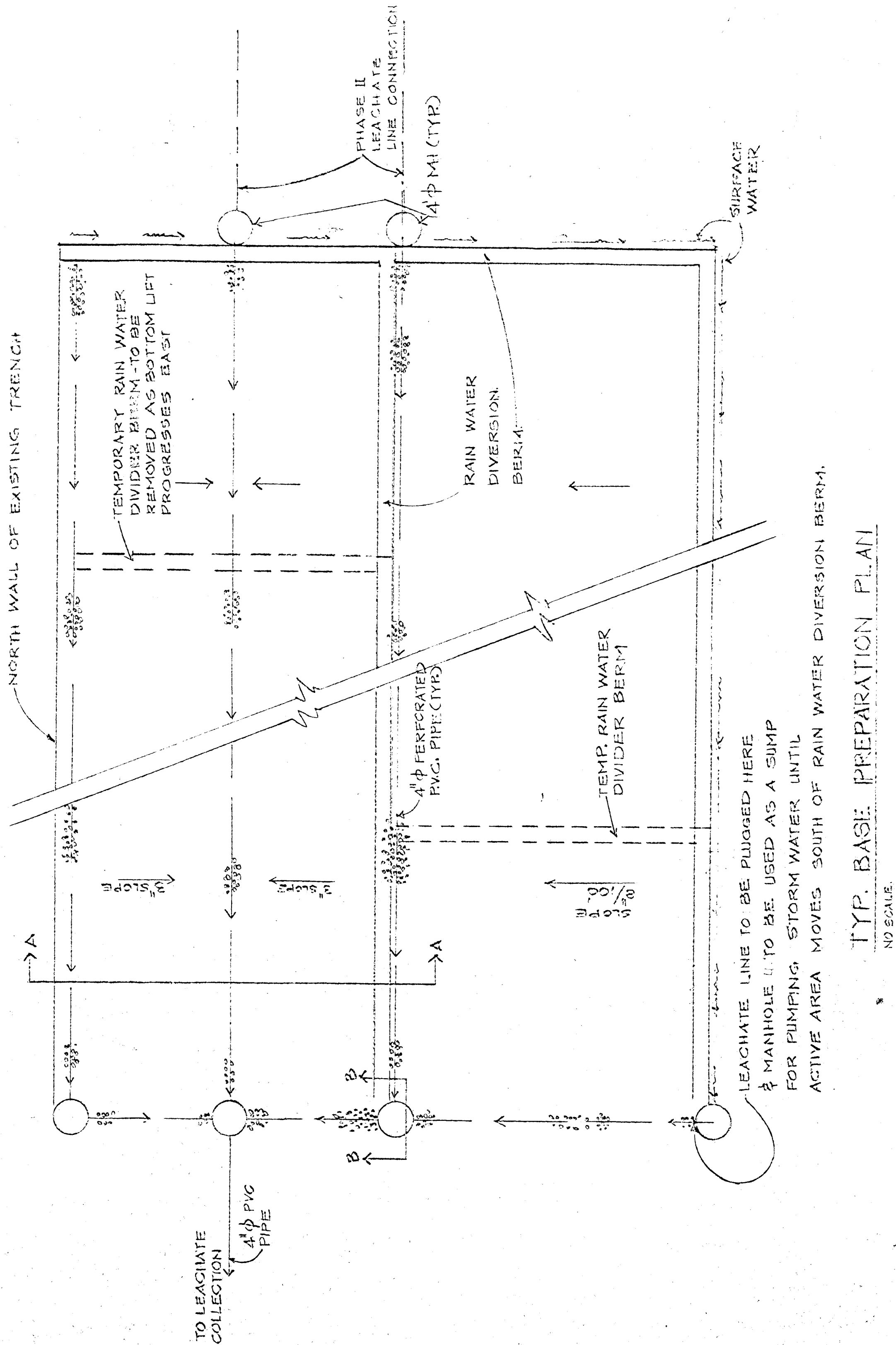
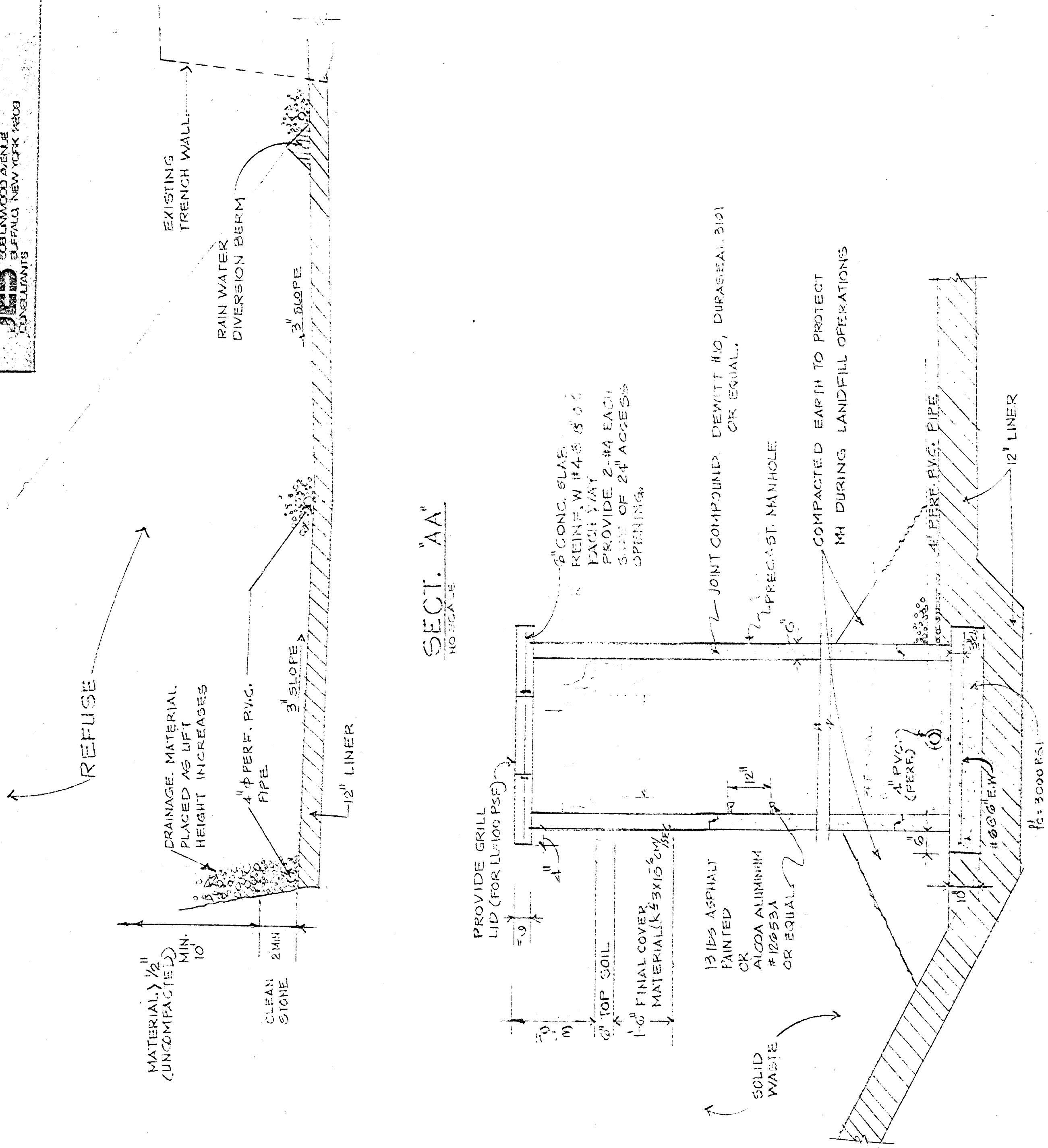
TYPICAL PROFILE 2-2
1" = 20' HORI. 1/4" VERT.

LEGEND
--- PROPOSED PHASE I
--- EXIST'G.
--- PROPOSED PHASE II INTERMEDIATE
--- PHASE III FINAL (AS SHOWN)

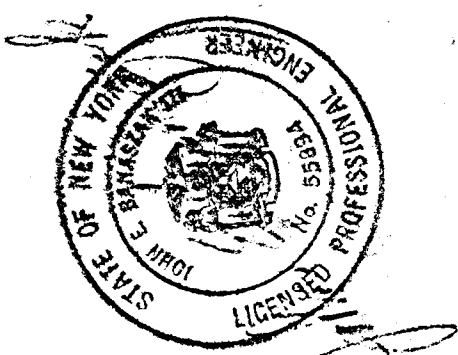
NOTE: VERTICAL ELEVATIONS ARE APPROXIMATE.
AS ARE THE CONDITIONS SHOWN FOR
EXISTING LANDFILL AREA.

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REGION 9 HEADQUARTERS

PATTON'S
BUSY BEE DISPOSAL SERVICE
TOPOGRAPHICAL MAP
LAVERNE E. PATTON
OWNER

SANITARY LANDFILL

24" DEPTH OF FINAL COVER WITH UPPER MOST 6" BEING TOPSOIL TO SUBSTAIN PLANT GROWTH

SEEDING SCHEDULE

NAME	A. B. C.
RED FESCUE	COMMERCIAL
PERENNIAL BLUE GRASS	COMMERCIAL
KENT WILD CLOVER	COMMERCIAL
WILD WHITE CLOVER	COMMERCIAL

TOTAL LBS. PURE LIVE SEED PER ACRE

PER ACRE
75
75
75
75

FERTILIZER: 30 LBS. NITROGEN PER ACRE
MULCH: 1 TON OR STRAW: 2 TONS PER ACRE

SOILS DATA

(1) TOPSOIL
(2) CLAY-LOAM
(3) WEAKSTRUCTURED STRATIFIED SHALE
SOME CLAY (EASILY EXCAVATED BY MACHINE)

TEST HOLE #1 TEST HOLE #2

TO 6" (1) TO 6" - (1)
TO 3" (2) TO 2" - (2)
TO 20" (3) TO 20" - (3)

NO GROUND WATER OR BEDROCK
ENCOUNTERED TO 20' ADJACENT
WELL INDICATES GROUND WATER AT
APPROX. 100' DEPTH BELOW SURFACE.

TEST PIT #1

6" TOPSOIL
TO 25' CLAY-LOAM
TO 10' (3)
NO GROUND WATER
TEST PIT #2

5" TOPSOIL
TO 3' CLAY-LOAM
TO 10' - (3)
NO GROUND WATER
TEST PIT #3

6" TOPSOIL
TO 25' CLAY
TO 10' - (3)
NO GROUND WATER
TEST PIT #4

5" TOPSOIL
TO 25' CLAY
TO 10' - (3)
NO GROUND WATER
TEST PIT #5

5" TOPSOIL
TO 25' CLAY
TO 10' - (3)
NO GROUND WATER
TEST PIT #6

PATTON'S BUSY BEE DISPOSAL SERVICE, INC.
CLARK ROAD LANDFILL

TEST PIT LOCATION PLAN

