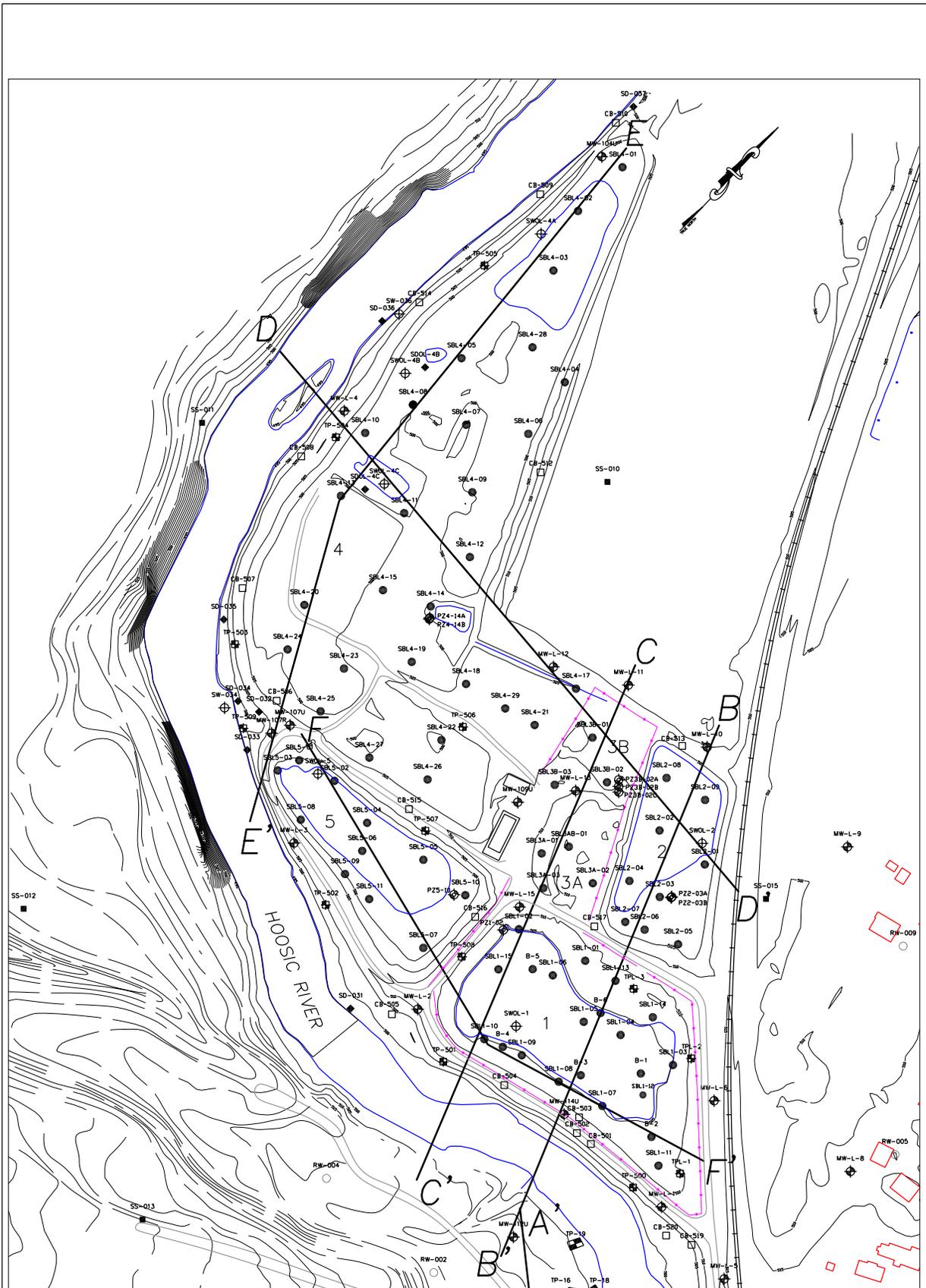


- LEGEND**
- SOIL BORING LOCATION
 - LAGOON OUTLINE
 - 5 — LAGOON THICKNESS CONTOUR (FEET)

TRC	Boott Mills South Foot of John Street Lowell, MA 01852 978-970-5600
	TRC PROJ. NO.: 02136-0220-01N93
	EPA CONTRACT NO.: 68-W6-0042
RAC SUBCONTRACTOR NO.: 107061	

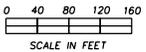
FIGURE 3.4-1
ISOPACH MAP OF
LAGOON SLUDGE
 (feet)
 POWNAL TANNERY
 POWNAL, VERMONT





LEGEND

- ⊕ 2" MONITORING WELL
- SOIL BORING LOCATION
- SURFACE SOIL SAMPLE LOCATION
- ⊙ SURFACE WATER SAMPLE LOCATION
- ⊕ RESIDENTIAL WELL SAMPLE LOCATION
- ⊕ 0.5" PIEZOMETER
- ◆ SEDIMENT SAMPLE LOCATION
- ⊕ TEST PIT LOCATION
- CULTURAL BORING LOCATION
- ✕✕ FENCE



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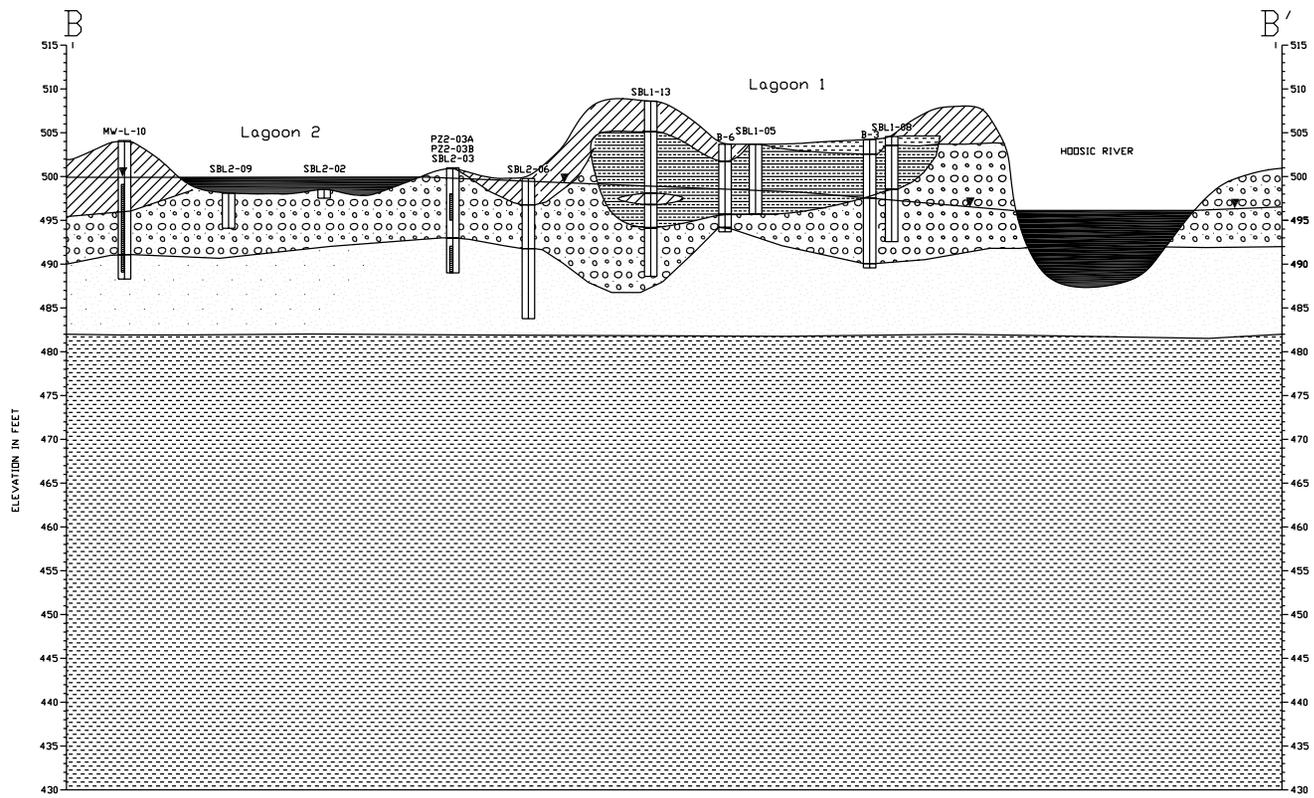
TRC PROJ. NO.: 02136-0220-01N93

EPA CONTRACT NO.: 68-W6-0042

RAC SUBCONTRACTOR NO.: 107061

FIGURE 3.4-2
SAMPLE LOCATIONS
FORMER TANNERY
BUILDING AREA
POWNAI TANNERY
POWNAI, VERMONT





LEGEND



SANDY FILL



SILT AND SAND



LAGOON SLUDGE



CLAY



SANDY, SILTY, GRAVEL



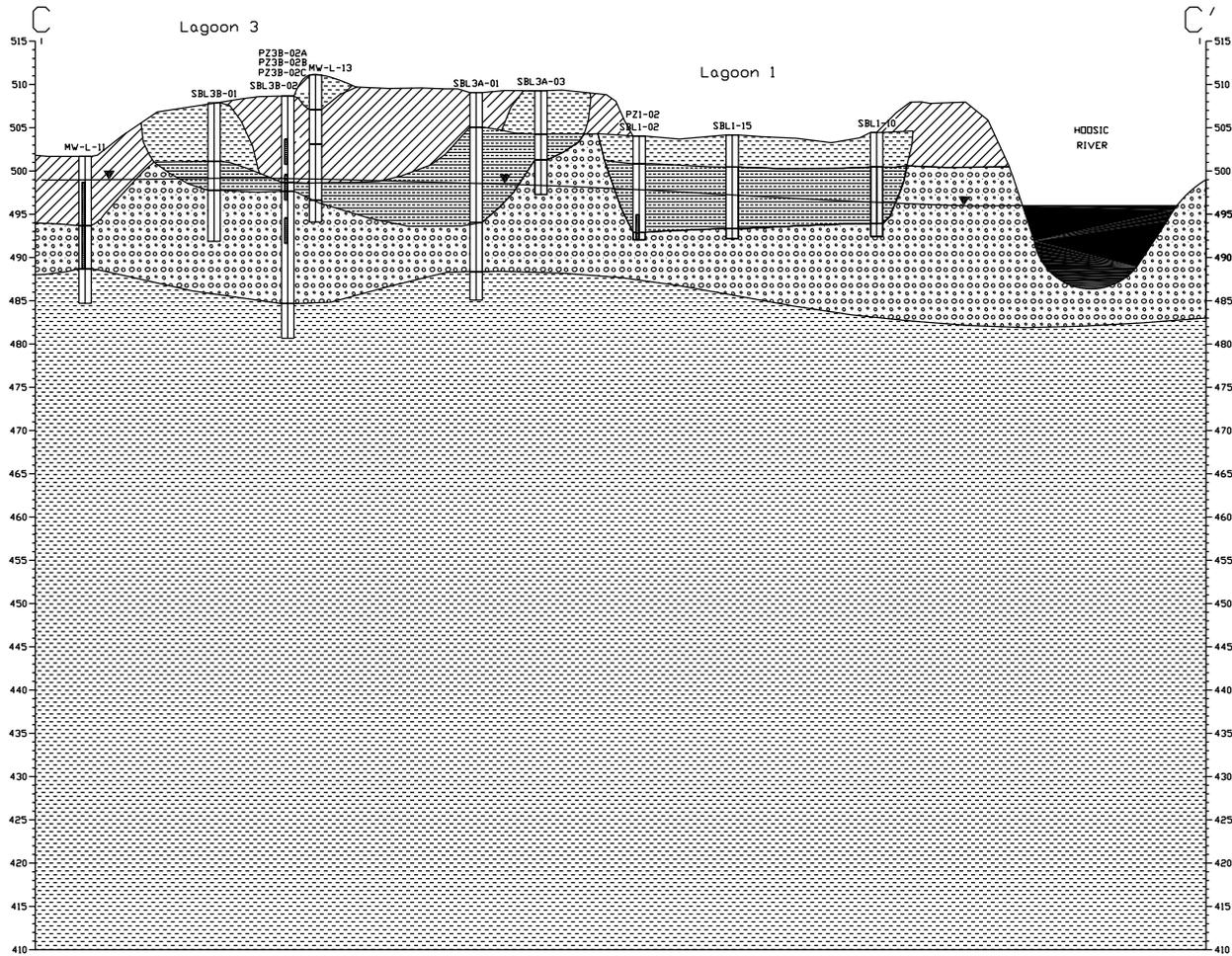
WATER TABLE (7/7/2000)



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	TRC PROJ. NO.: 02136-0220-01N93
	EPA CONTRACT NO.: 68-W6-0042
RAC SUBCONTRACTOR NO.: 107061	

FIGURE 3.4-3
 CROSS SECTION
 B-B'
 POWNAL TANNERY
 POWNAL, VERMONT





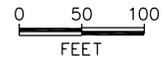
LEGEND



SANDY FILL



SILT AND SAND



LAGOON SLUDGE



CLAY



SANDY, SILTY, GRAVEL



WATER TABLE (7/7/2000)



Boott Mills South
Foot of John Street
Lowell, MA 01852
978-970-5600

TRC PROJ. NO.: 02136-0220-01N93

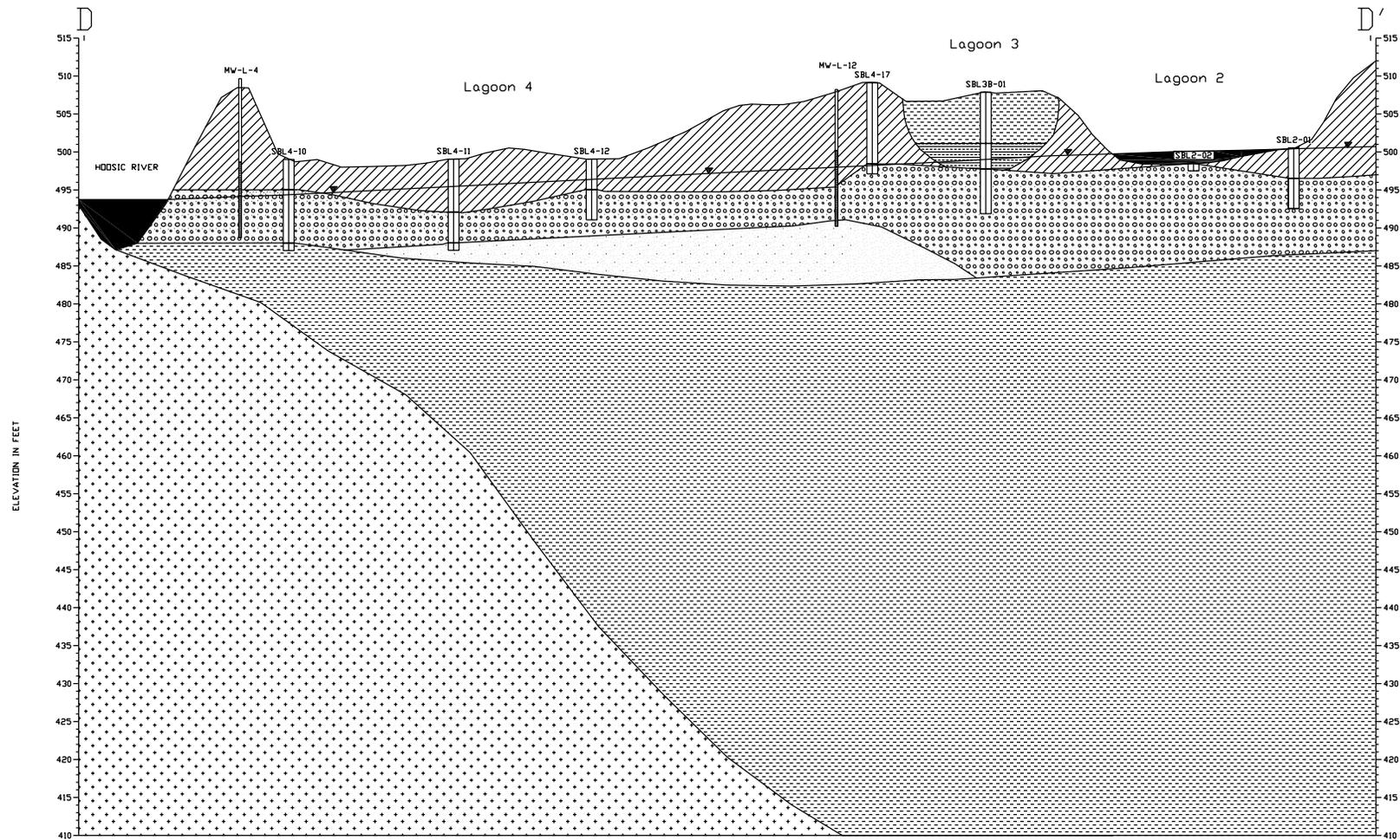
EPA CONTRACT NO.: 68-W6-0042

RAC SUBCONTRACTOR NO.: 107061

FIGURE 3.4-4
CROSS SECTION
C-C'

POWNAW TANNERY
POWNAW, VERMONT





ELEVATION IN FEET

LEGEND

-  SANDY FILL
-  LAGOON SLUDGE
-  SANDY, SILTY, GRAVEL
-  SILT AND SAND
-  CLAY
-  BEDROCK



 WATER TABLE (7/7/2000)

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Lowell, MA 01852
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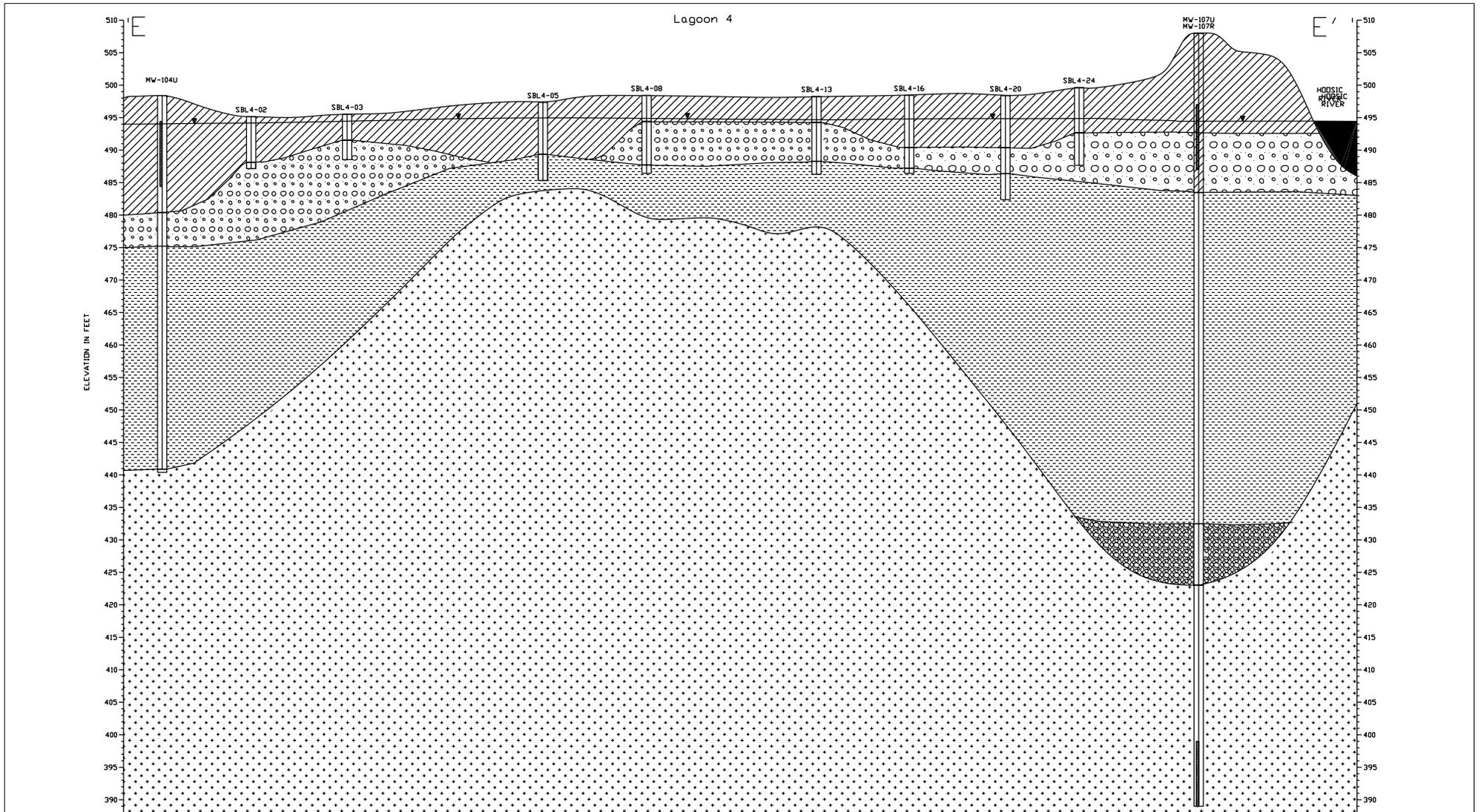
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EPA CONTRACT NO.: 68-W6-0042

RAC SUBCONTRACTOR NO.: 107061

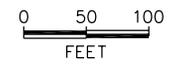
FIGURE 3.4-5
CROSS SECTION
D-D'
POWNA TANNERY
POWNA, VERMONT

M&E Metcalf & Eddy

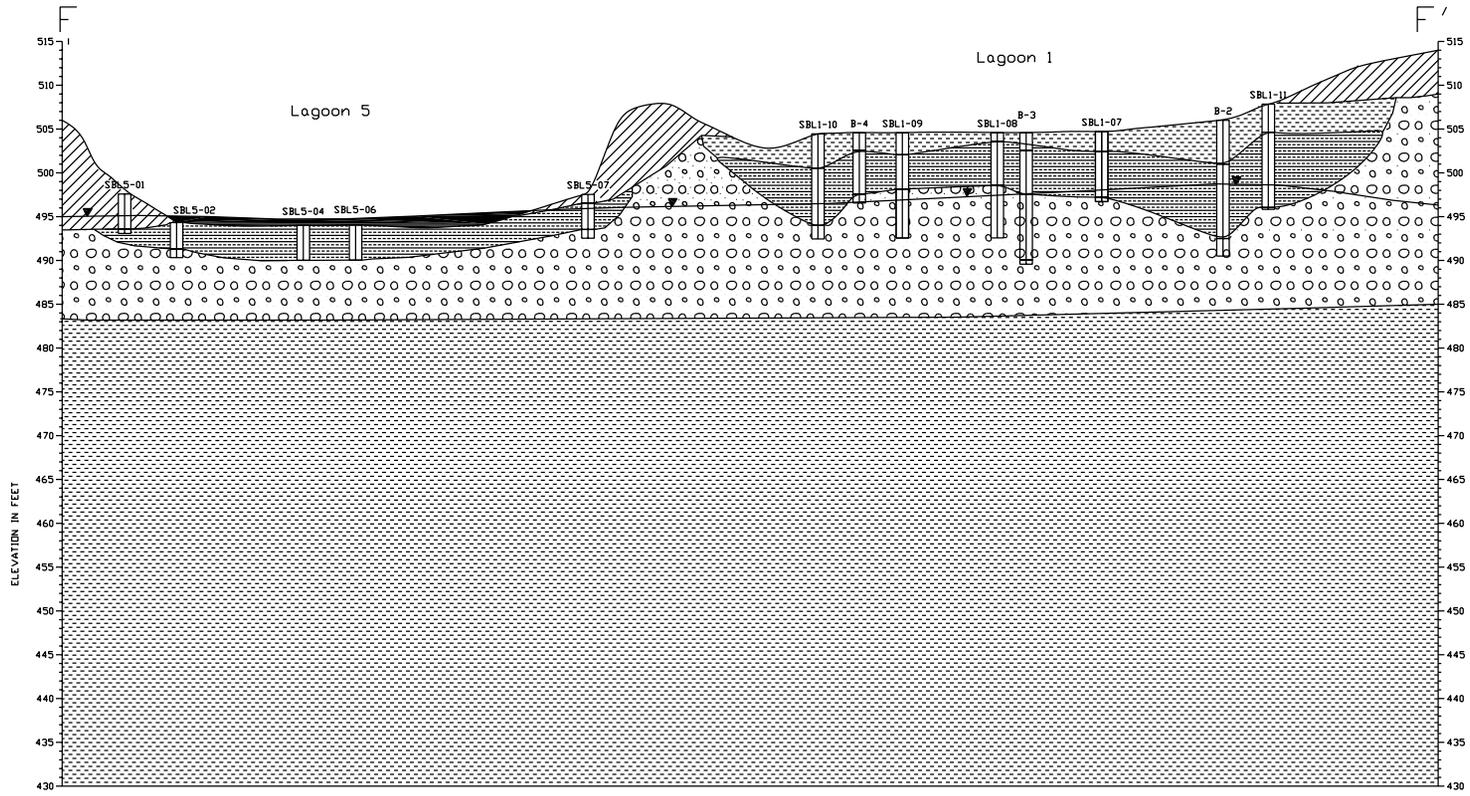


LEGEND

- | | | | |
|---|---|---|--|
|  <p>SANDY FILL</p> |  <p>CLAY</p> |  <p>BEDROCK</p> | |
|  <p>SANDY, SILTY, GRAVEL</p> |  <p>GLACIAL TILL</p> |  <p>WATER TABLE (7/7/2000)</p> | |



 <small>Boott Mills South Foot of John Street Lowell, MA 01852 978-970-5600</small>	<p>FIGURE 3.4-6 CROSS SECTION E-E'</p> <p>POWNAW TANNERY POWNAW, VERMONT</p>
<small>TRC PROJ. NO.: 02136-0220-01N93</small>	
<small>EPA CONTRACT NO.: 68-W6-0042</small>	
<small>RAC SUBCONTRACTOR NO.: 107061</small>	
	



LEGEND



SANDY FILL



CLAY



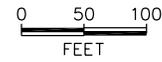
LAGOON SLUDGE



WATER TABLE (7/7/2000)

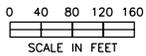
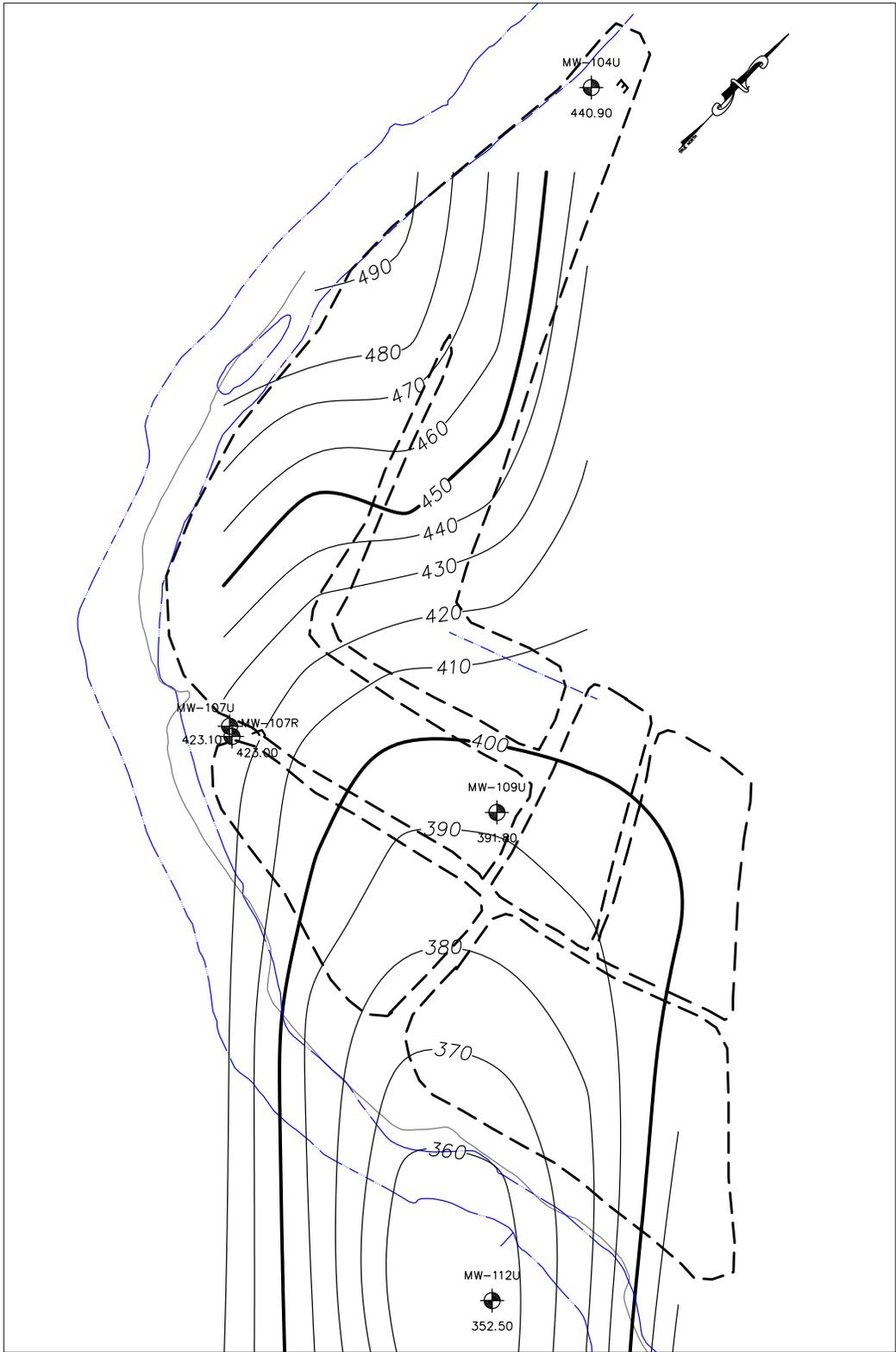


SANDY, SILTY, GRAVEL

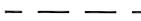
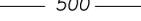


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RAC SUBCONTRACTOR NO.: 107061	

FIGURE 3.4-7
 CROSS SECTION
 F-F'
 POWNAL TANNERY
 POWNAL, VERMONT



LEGEND

-  2" MONITORING WELL WITH BEDROCK ELEVATION
-  LAGOON OUTLINE
-  500 BEDROCK ELEVATION CONTOUR INTERVAL (FEET)



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Foot of John Street
Lowell, MA 01852
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TRC PROJ. NO.: 02136-0220-01N93

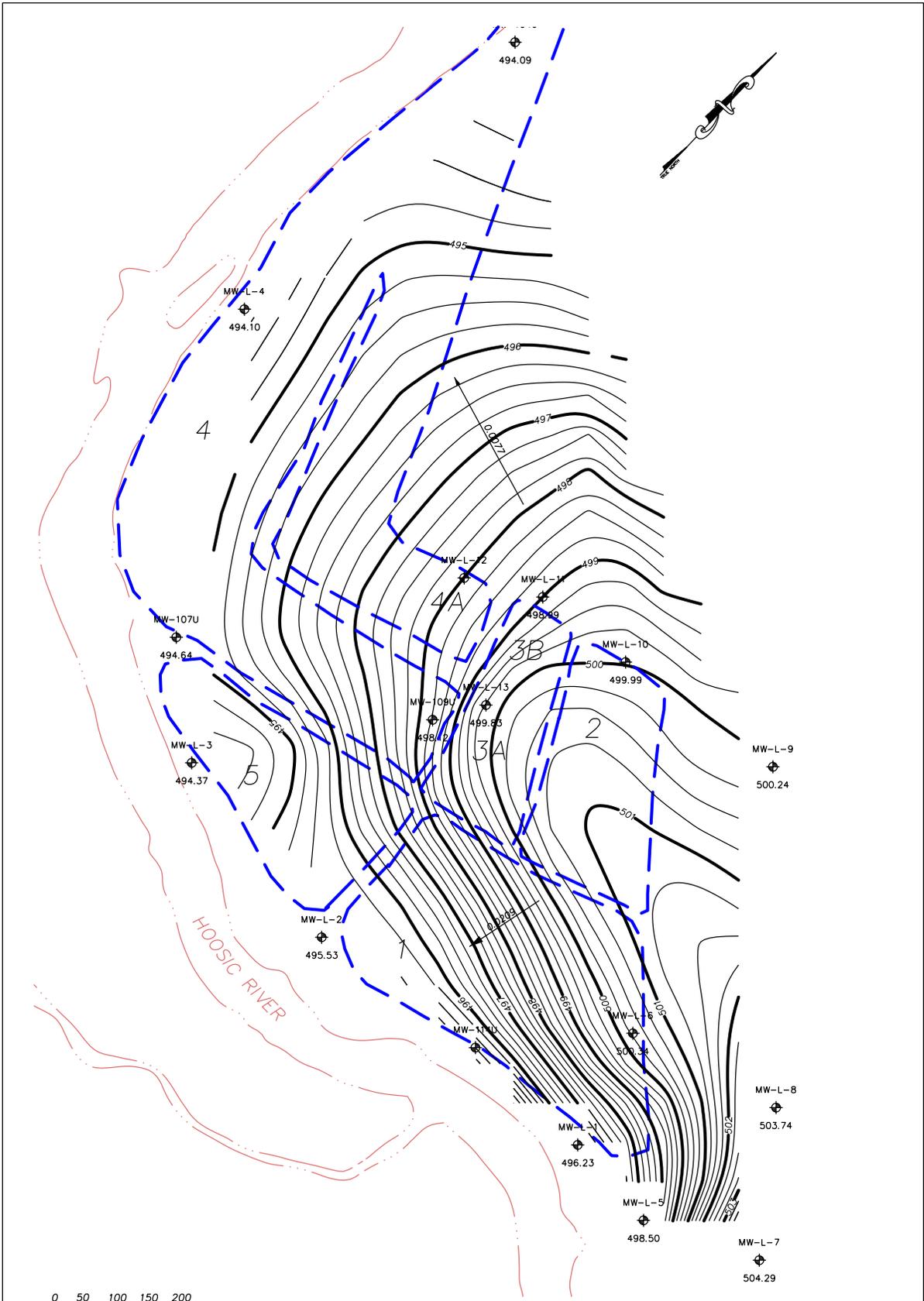
EPA CONTRACT NO.: 68-W6-0042

RAC SUBCONTRACTOR NO.: 107061

FIGURE 3.4-8
BEDROCK ELEVATION
MAP

LAGOON AREA
POWNAL TANNERY
POWNAL, VERMONT





0 50 100 150 200
SCALE IN FEET

- LEGEND**
- ◆ 2" MONITORING WELL WITH GROUND WATER ELEVATION (7/7/2000)
 - - - LAGOON OUTLINE
 - ← .00714 FLOW DIRECTION WITH HYDRAULIC GRADIENT
 - 500 — GROUND WATER ELEVATION CONTOUR (FEET)

TRC	Scott Mills South Foot of John Street Lowell, MA 01852 978-970-5600	FIGURE 3.4-9 WATER TABLE ELEVATION MAP JULY 7, 2000 POWNAL TANNERY POWNAL, VERMONT
	TRC PROJ. NO.: 02136-0220-01N93	
	EPA CONTRACT NO.: 68-W6-0042	
RAC SUBCONTRACTOR NO.: 107061	M&E Metcalf & Eddy	

MW-L-9
500.24

MW-L-8
503.74

MW-L-7
504.29

MW-L-5
498.50

MW-L-6
500.38

MW-L-7
496.23

MW-L-2
495.53

MW-L-3
494.37

MW-107U
494.64

MW-L-4
494.10

494.09

MW-L-12
498.49

MW-L-1
498.49

MW-L-10
499.99

MW-L-13
499.83

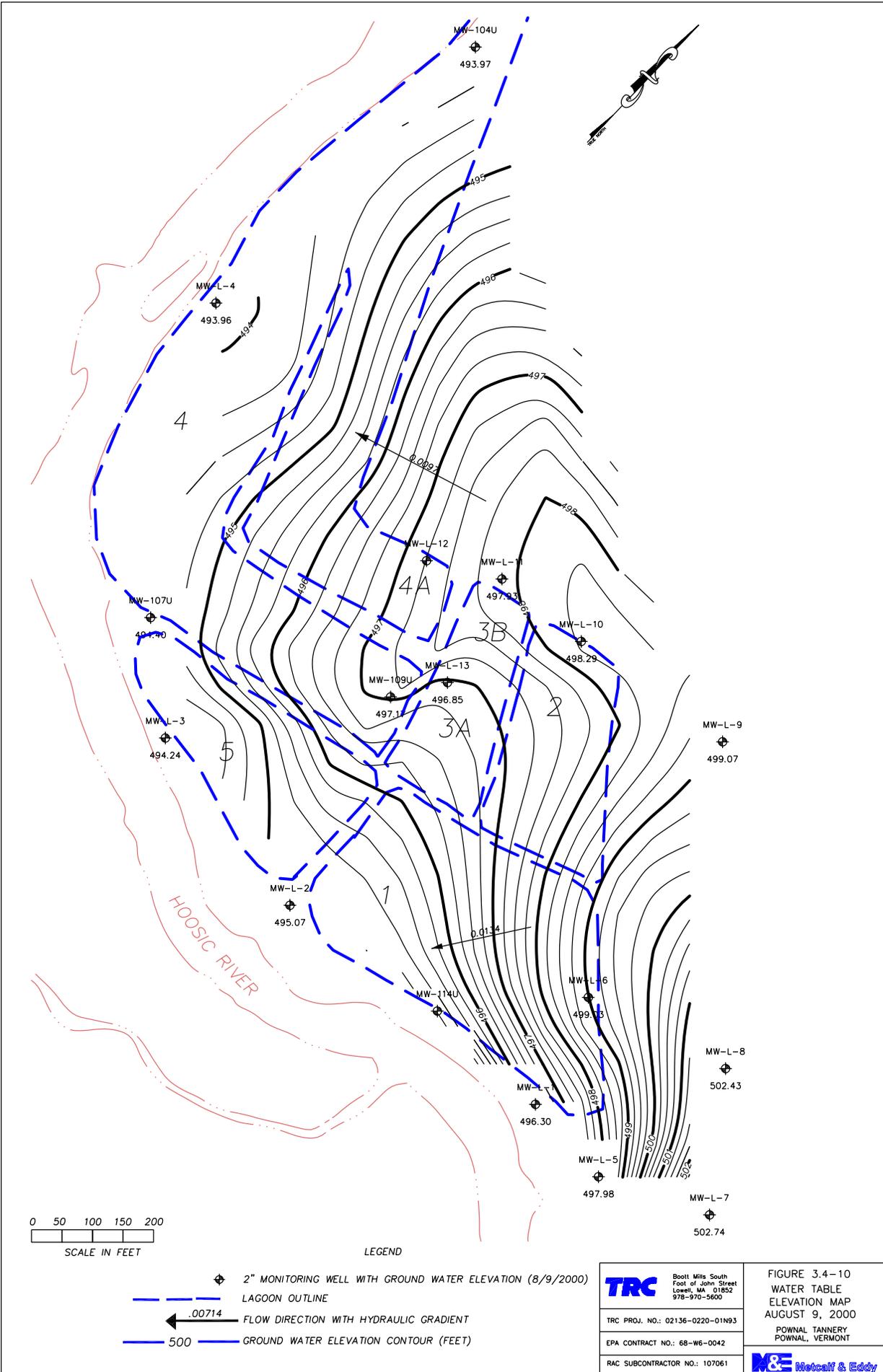
MW-109U
498.16

MW-L-11U
500.38

MW-L-16
500.38

MW-L-15
500.38

MW-L-14
500.38



MW-104U

493.97

MW-L-4

493.96

MW-107U

494.90

MW-L-3

494.24

MW-L-2

495.07

MW-L-12

497.93

MW-L-11

497.93

MW-L-13

496.85

MW-109U

497.11

MW-L-10

498.29

MW-L-9

499.07

MW-L-6

499.15

MW-L-8

502.43

MW-L-7

496.30

MW-L-5

497.98

MW-L-7

502.74

4

4A

3B

5

3A

2

1

0.0092

0.0134

495

496

497

498

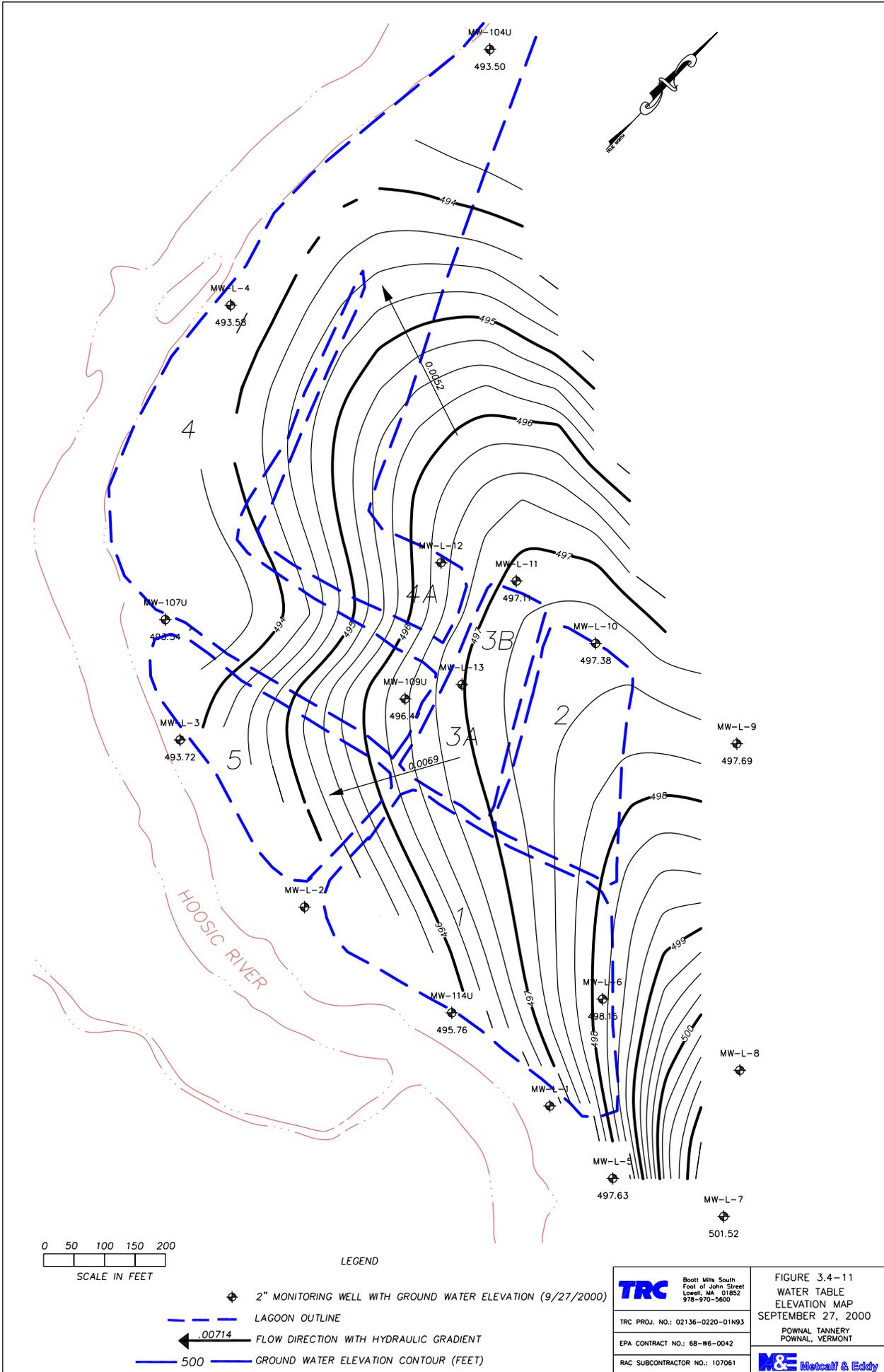
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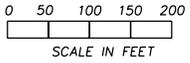
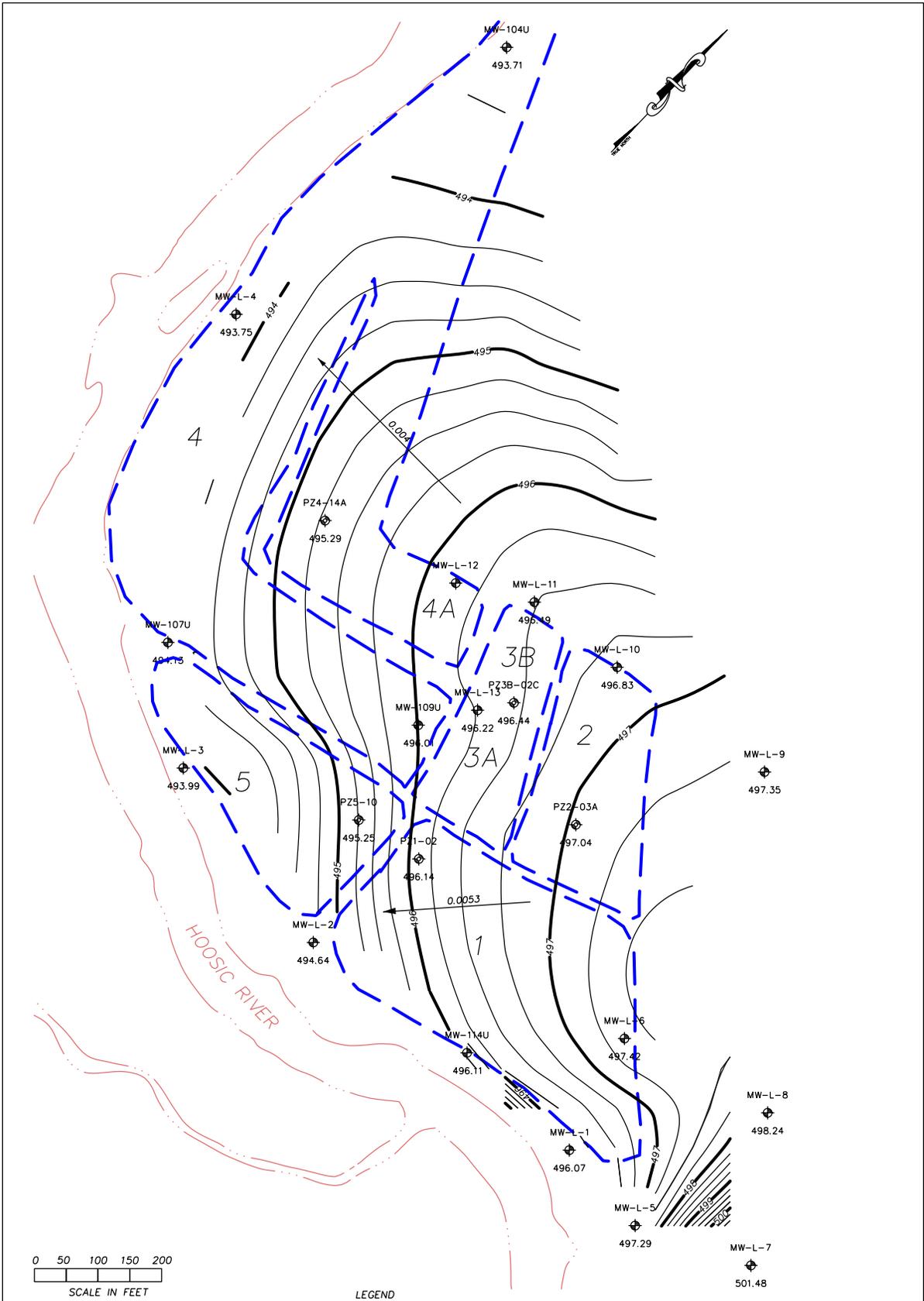
500

501

502







LEGEND

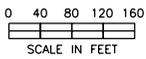
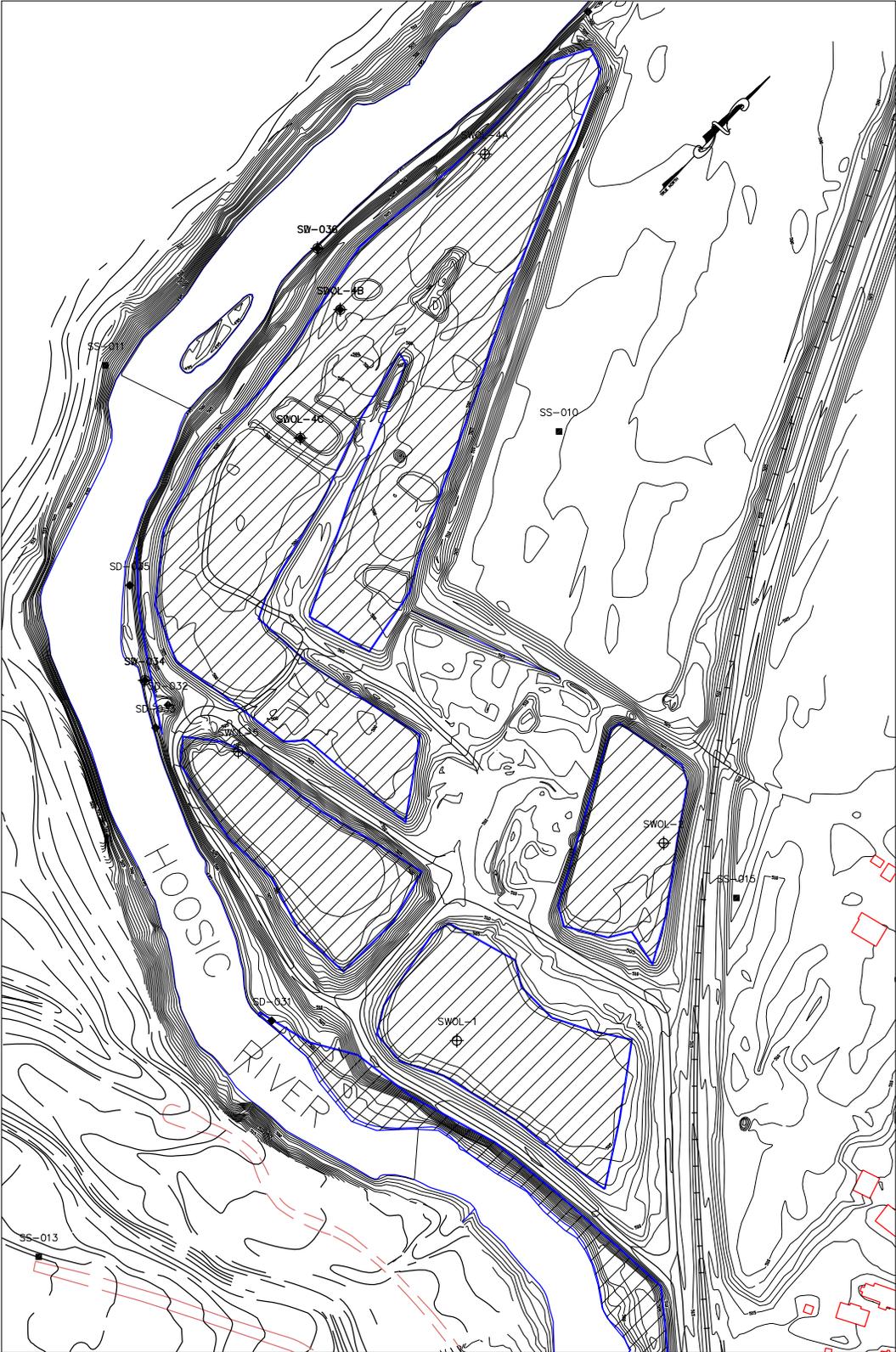
- ◆ 2" MONITORING WELL WITH GROUND WATER ELEVATION (11/21/2000)
- ◆ 0.5" PIEZOMETER WITH GROUND WATER ELEVATION (11/21/2000)
- - - LAGOON OUTLINE
- ← 00714 FLOW DIRECTION WITH HYDRAULIC GRADIENT
- 500 — GROUND WATER ELEVATION CONTOUR (FEET)

TRC	Boott Mills South Foot of John Street Lowell, MA 01852 978-970-5600
	TRC PROJ. NO.: 02136-0220-01N93
	EPA CONTRACT NO.: 68-W6-0042
	RAC SUBCONTRACTOR NO.: 107061

FIGURE 3.4-12
WATER TABLE
ELEVATION MAP
NOVEMBER 21, 2000

POWNA TANNERY
POWNA, VERMONT

M&E Metcalf & Eddy



LEGEND

- ◆ SEDIMENT SAMPLE LOCATION
- ⊕ SURFACE WATER SAMPLE LOCATION
- SURFACE SOIL SAMPLE LOCATION
- ▨ WETLAND DELINEATION

TRC Boott Mills South
Foot of John Street
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978-970-5600

TRC PROJ. NO.: 02136-0220-01N93

EPA CONTRACT NO.: 68-W6-0042

RAC SUBCONTRACTOR NO.: 107061

FIGURE 3.4-13
WETLAND EXTENT
LAGOON AREA
POWNAW TANNERY
POWNAW, VERMONT

