MT. READ BLVD.

R-101
(505.31)

R-3
(502.43)

R-301
(481.69)

R-106
(485.89)

R-110
(478.48)

R-11
(503.05)

R-102
(475.81)

R-105
(NM)

R-105-R
(474.58)

R-109
(479.97)

R-131
(475.18)

R-103
(475.62)

R-107
(474.54)

DRIVING PARK AVE.

R-308
(492.60)

R-314
(476.97)

R-240
(474.83)

R-132
(476.27)

R-108
(477.02)

LA GRANGE AVE.

R-236
(488.29)

R-242
(489.75)

R-235
(488.53)

R-237
(488.74)

R-234
(487.77)

R-239
(476.81)

NEWBURY STREET

R-243
(487.35)

R-244
(487.35)

R-238
(487.02)

R-2
(486.78)

R-241
(485.68)

LEXINGTON AVE.

500 496 492 488 484 480 476

LEGEND:

R-240   WELL LOCATION AND NUMBER
474.83 – GROUNDWATER ELEVATION (FT.)
        (NM=NOT MEASURED)

—480— GROUNDWATER ELEVATION CONTOUR
        AND ELEVATION (FT.)

→ INFERRED GROUNDWATER FLOW
  DIRECTION

NOTES:

1. DEPTH TO GROUNDWATER MEASUREMENTS TAKEN
   BY HALEY & ALDRICH ON 23 JULY 2002.

2. DATUM IS MEAN SEA LEVEL (MSL). ELEVATIONS
   EXPRESSED IN FEET.

3. GROUNDWATER ELEVATION CONTOURS DRAWN
   USING SURFER CONTOURING SOFTWARE WITH
   MANUAL MODIFICATIONS BY HALEY & ALDRICH
   SHOWN AS DASHED CONTOURS. ALL CONTOURS
   ARE APPROXIMATE AND REPRESENT INFERRED
   CONDITIONS THAT MAY BE DIFFERENT THAN
   ACTUAL CONDITIONS.

4. REFER TO TEXT FOR ADDITIONAL INFORMATION.
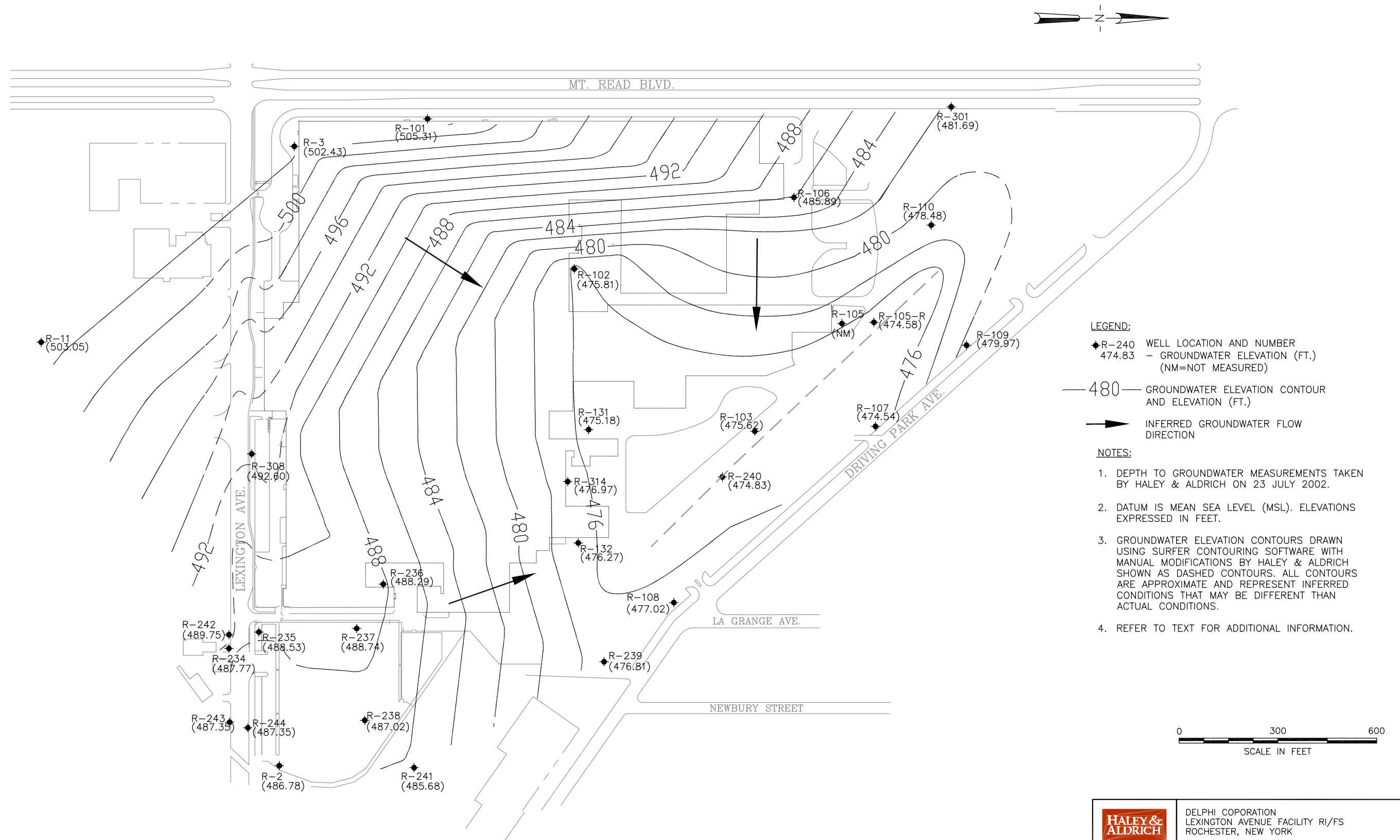
0   300   600

SCALE IN FEET

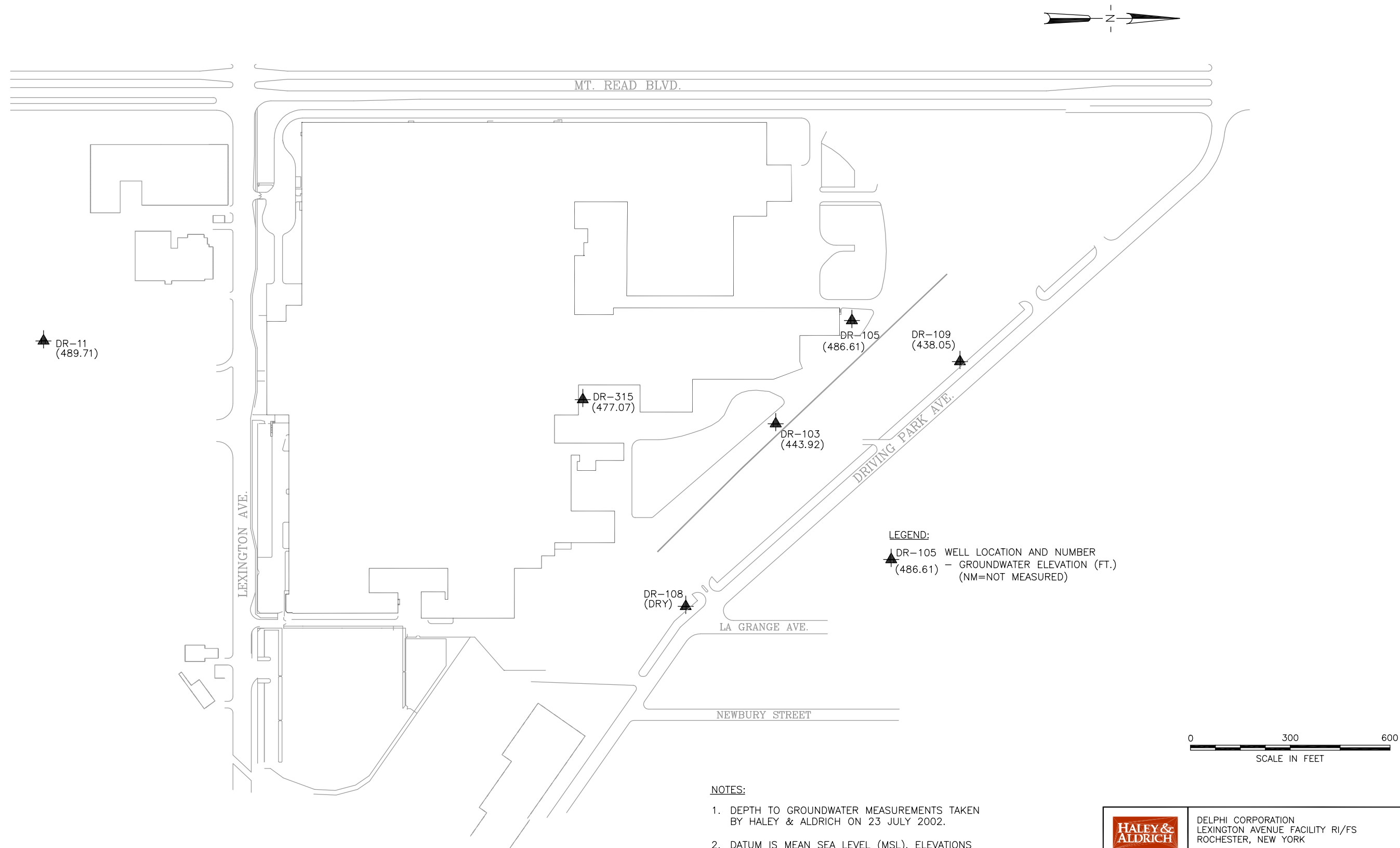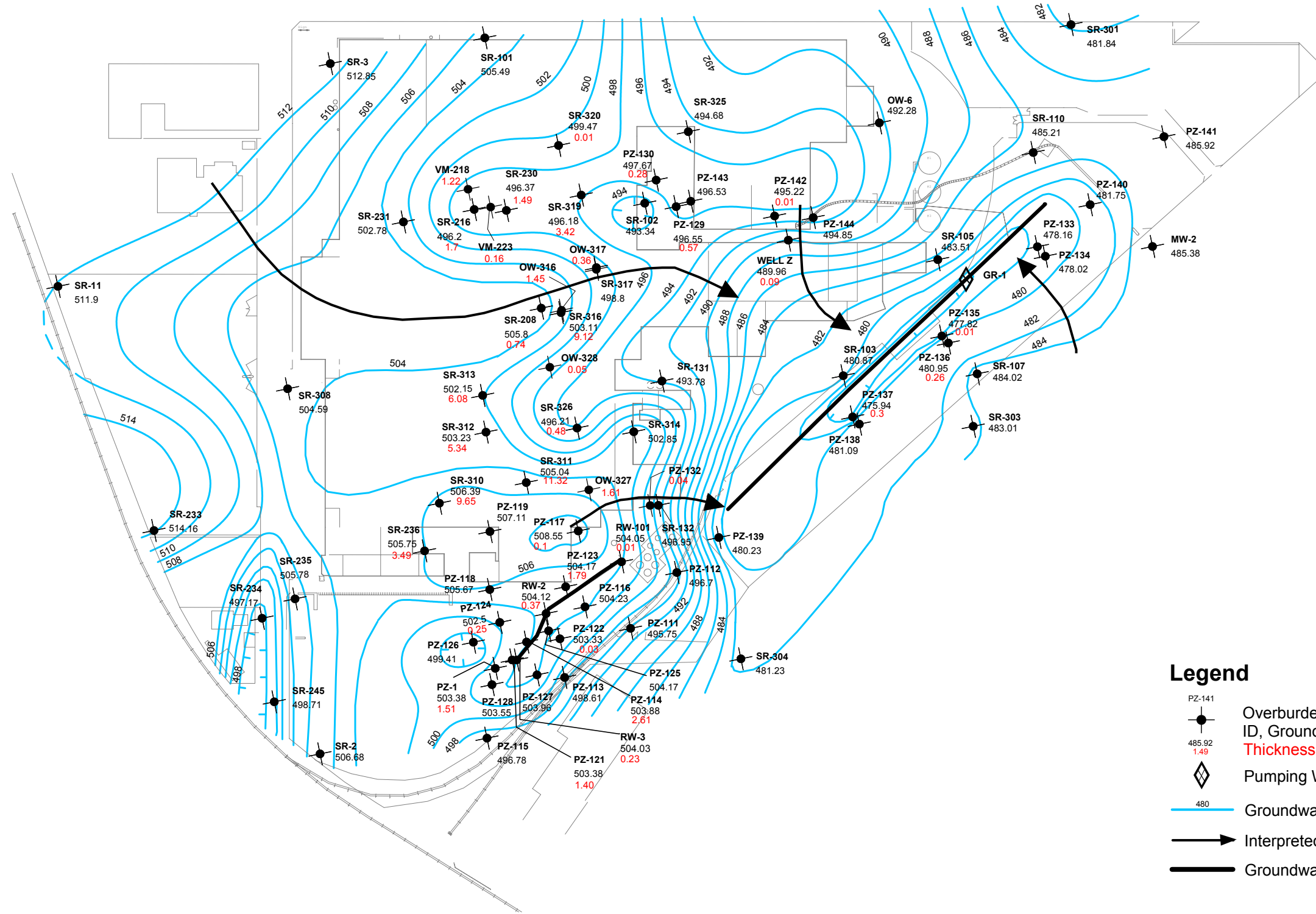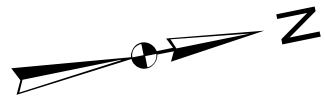70014-054 QTLY_REPORTS/NO.2/DRAWINGS/7_23_02INT.DWG

HALEY & ALDRICH

UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS

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LEXINGTON AVENUE FACILITY RI/FS
ROCHESTER, NEW YORK

GROUNDWATER ELEVATION
CONTOUR PLAN
INTERMEDIATE-BEDROCK ZONE
23 JULY 2002

SCALE: AS SHOWN   AUGUST 2002

N

MT. READ BLVD.

DR-11
(489.71)

DR-105
(486.61)

DR-109
(438.05)

DR-315
(477.07)

DR-103
(443.92)

DRIVING PARK AVE.

LEXINGTON AVE.

LEGEND:

DR-105 WELL LOCATION AND NUMBER
(486.61) — GROUNDWATER ELEVATION (FT.)
          (NM=NOT MEASURED)

DR-108
(DRY)

LA GRANGE AVE.

NEWBURY STREET

0   300   600

SCALE IN FEET

NOTES:

1. DEPTH TO GROUNDWATER MEASUREMENTS TAKEN
   BY HALEY & ALDRICH ON 23 JULY 2002.

2. DATUM IS MEAN SEA LEVEL (MSL). ELEVATIONS
   EXPRESSED IN FEET.

3. REFER TO TEXT FOR ADDITIONAL INFORMATION.

HALEY &
ALDRICH

UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS

DELPHI CORPORATION
LEXINGTON AVENUE FACILITY RI/FS
ROCHESTER, NEW YORK

GROUNDWATER ELEVATION POSTING
PLAN
DEEP-BEDROCK ZONE
23 JULY 2002
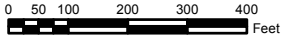
SCALE: AS SHOWN   AUGUST 2002

Legend

PZ-141
●
485.92
1.49
Overburden/Shallow-Bedrock Well Location, ID, Groundwater Elevation, and LNAPL Thickness in Feet

◇ Pumping Well

480 ——— Groundwater Elevation Contour Line

———▶ Interpreted Groundwater Flow Direction

━━━━ Groundwater Recovery Trench

NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 29 January 2003. Migration control trench recovery well GR-1 was in operation during the January 2003 sampling event. Recovery wells within the Tank Farm Area gravel-filled trench were not in operation during the water level measurement event.
2. Contours created with ESRI's ArcMap 8.2 Spatial Analyst extension using spline interpolation. Contours adjusted as necessary by H&A of New York to account for other known site features and conditions.
3. Contours reflect values interpolated between data points. Actual values between data points will vary.
4. Datum is Mean Sea Level (MSL). Contour interval is two feet. Elevations expressed in feet.
5. Arrows indicate interpreted groundwater flow direction.
6. Refer to text for additional information.

0 50 100   200   300   400
Feet

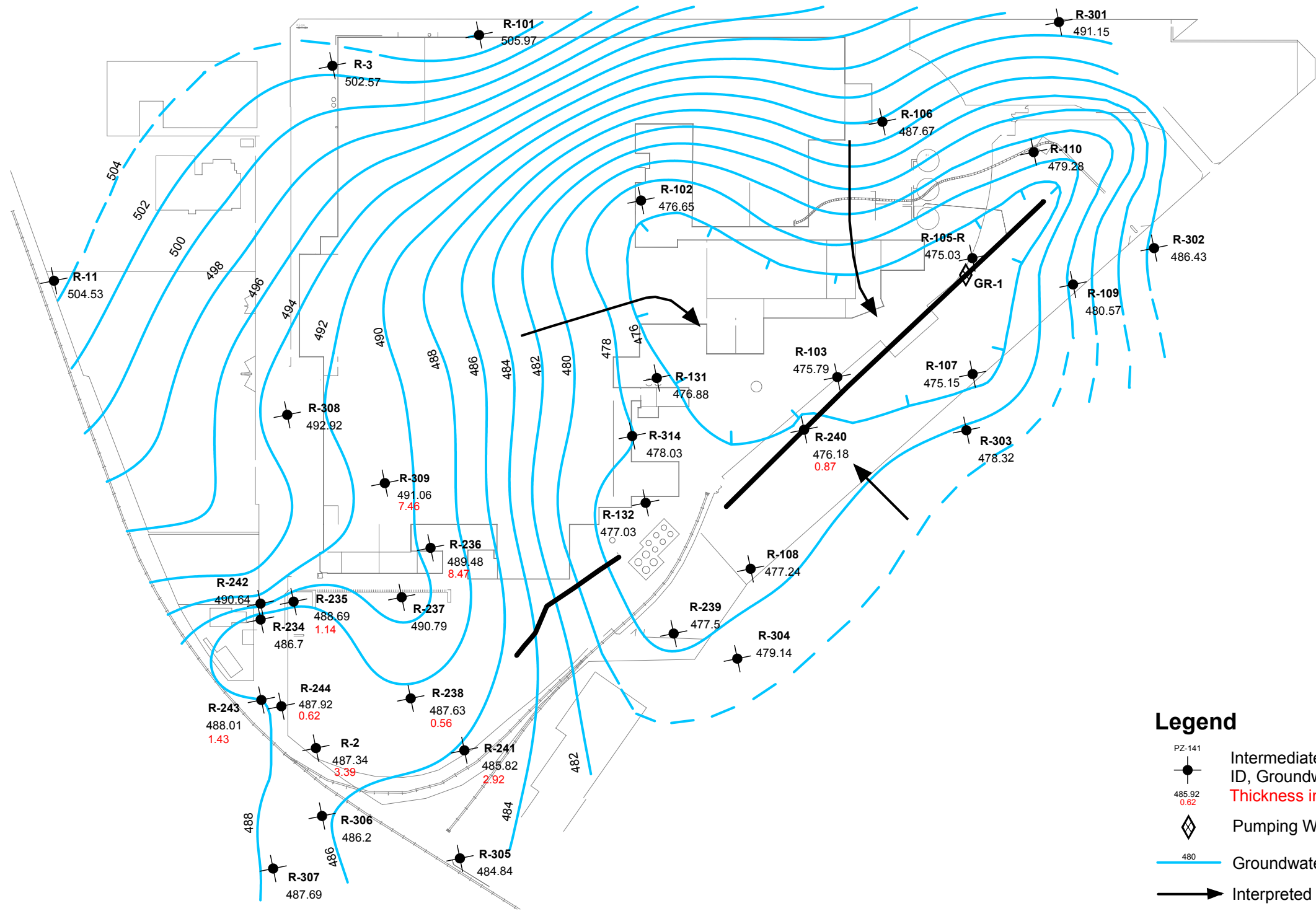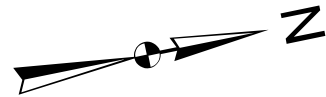**HALEY & ALDRICH**

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

DELPHI CORPORATION
LEXINGTON AVENUE FACILITY RI
ROCHESTER, NEW YORK

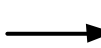OVERBURDEN/SHALLOW-BEDROCK ZONE
GROUNDWATER ELEVATION CONTOUR PLAN
JANUARY 2003

SCALE : AS SHOWN   JUNE 2003
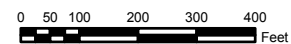
70014-054\ArcMap\Groundwater Contours\Jan 2003\Jan_2003_gwElevations over+shallow
70014-054\Database\compressed_RI-FS

N

R-101
505.97

R-301
491.15

R-3
502.57

R-106
487.67

R-110
479.28

R-102
476.65

R-11
504.53

R-105-R
475.03

GR-1

R-302
486.43

R-109
480.57

R-103
475.79

R-107
475.15

R-308
492.92

R-131
476.88

R-314
478.03

R-240
476.18
0.87

R-303
478.32

R-309
491.06
7.46

R-132
477.03

R-236
489.48
8.47

R-108
477.24

R-242
490.64

R-235
488.69

R-237
490.79

R-239
477.5

R-304
479.14

R-234
486.7
1.14

R-244
487.92
0.62

R-238
487.63
0.56

R-243
488.01
1.43

R-2
487.34
3.39

R-241
485.82
2.92

R-306
486.2

R-305
484.84

R-307
487.69

504 502 500 498 496 494 492 490 488 486 484 482 480 478 476

488 486 484 482

Legend

PZ-141

Intermediate-Bedrock Well Location,
ID, Groundwater Elevation, and LNAPL
Thickness in Feet

485.92
0.62

Pumping Well

480 ——— Groundwater Elevation Contour Line

———▶ Interpreted Groundwater Flow Direction

——— Groundwater Recovery Trench

NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 29 January 2003.
   Migration control trench recovery well GR-1 was in operation during the January
   2003 sampling event. Recovery wells within the Tank Farm Area gravel-filled trench
   were not in operation during the water level measurement event.
2. Contours created with ESRI's ArcMap 8.2 Spatial Analyst extension using spline
   interpolation. Contours adjusted as necessary by H&A of New York to account
   for other known site features and conditions.
3. Contours reflect values interpolated between data points. Actual values between
   data points will vary.
4. Datum is Mean Sea Level (MSL). Contour interval is two feet. Elevations expressed
   in feet.
5. Arrows indicate interpreted groundwater flow direction.
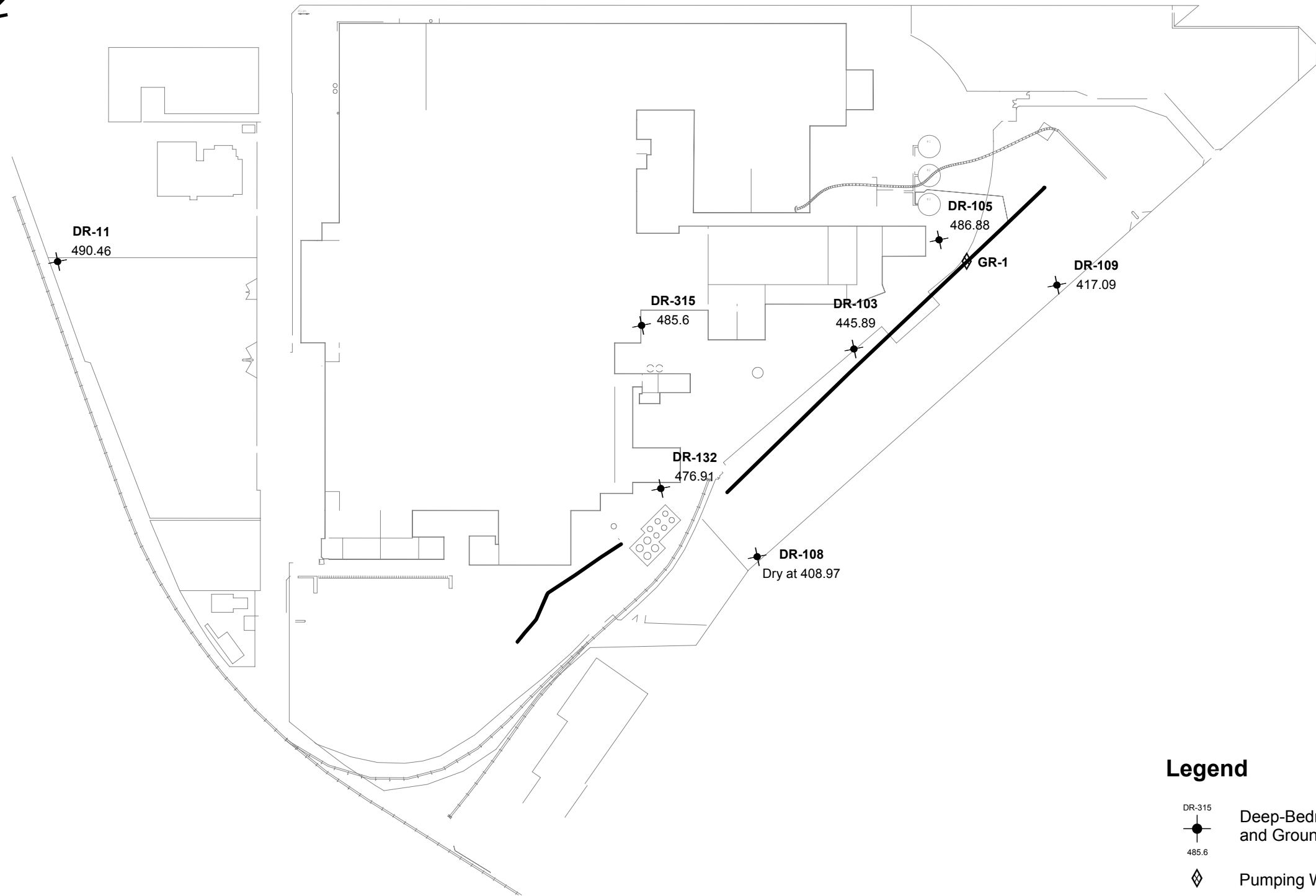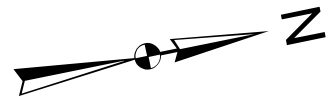6. Refer to text for additional information.

70014-054\ArcMap\Groundwater Contours\Jan 2003\Jan_2003_gwElevations intermed
70014-054\Database\compressed_RI-FS

0 50 100   200   300   400
Feet

N

DR-11
490.46

DR-105
486.88

GR-1

DR-109
417.09

DR-315
485.6

DR-103
445.89

DR-132
476.91

DR-108
Dry at 408.97

Legend

DR-315
485.6
Deep-Bedrock Well Location, ID,
and Groundwater Elevation

◊ Pumping Well

— Groundwater Recovery Trench

NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 29-31 January 2003.
   Migration control trench recovery well GR-1 was in operation during the January 2003
   sampling event.
2. Datum is Mean Sea Level (MSL). Groundwater elevations expressed in feet.
3. Refer to text for additional information.

0 50 100   200   300   400
                                    Feet

Legend

SR-230 ✛ Overburden/Shallow-Bedrock Well Location,
485.92 ID, Groundwater Elevation, and LNAPL
1.95 Thickness in Feet

◇ Pumping Well

480 ～～ Groundwater Elevation Contour Line

➝ Interpreted Groundwater Flow Direction

▬▬ Groundwater Recovery Trench

NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 21-22 April 2003.
   Migration control trench recovery well GR-1 was in operation during the April
   2003 sampling event. Recovery wells within the Tank Farm Area gravel-filled trench
   were not in operation during the water level measurement event.
2. Contours created with ESRI's ArcMap 8.2 Spatial Analyst extension using spline
   interpolation. Contours adjusted as necessary by H&A of New York to account
   for other known site features and conditions.
3. Contours reflect values interpolated between data points. Actual values between
   data points will vary.
4. Datum is Mean Sea Level (MSL). Contour interval is two feet. Elevations expressed
   in feet.
5. Arrows indicate interpreted groundwater flow direction.
6. Refer to text for additional information.

0 50 100   200   300   400
Feet

HALEY &
ALDRICH

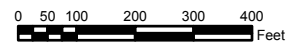UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS

DELPHI CORPORATION
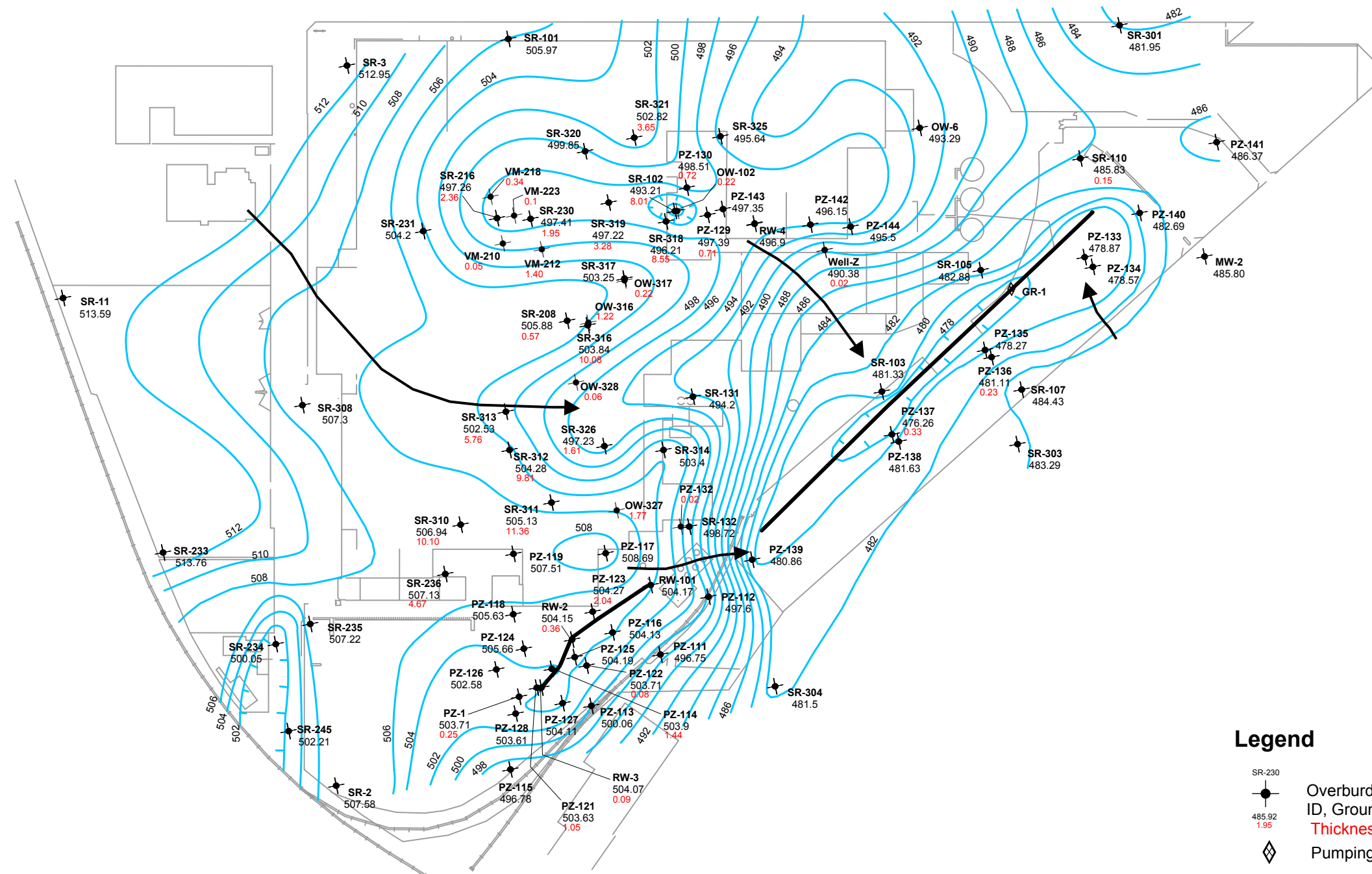LEXINGTON AVENUE FACILITY RI
ROCHESTER, NEW YORK

OVERBURDEN/SHALLOW-BEDROCK ZONE
GROUNDWATER ELEVATION CONTOUR PLAN
APRIL 2003

SCALE : AS SHOWN   JUNE 2003

70014-054\ArcMap\Groundwater Contours\April 2003\April_2003_gwElevations over+shallow
70014-054\Database\compressed_RI-FS

Legend

R-101 ⊕
505.97
1.21
Intermediate-Bedrock Well Location, ID, Groundwater Elevation, and LNAPL Thickness in Feet
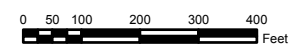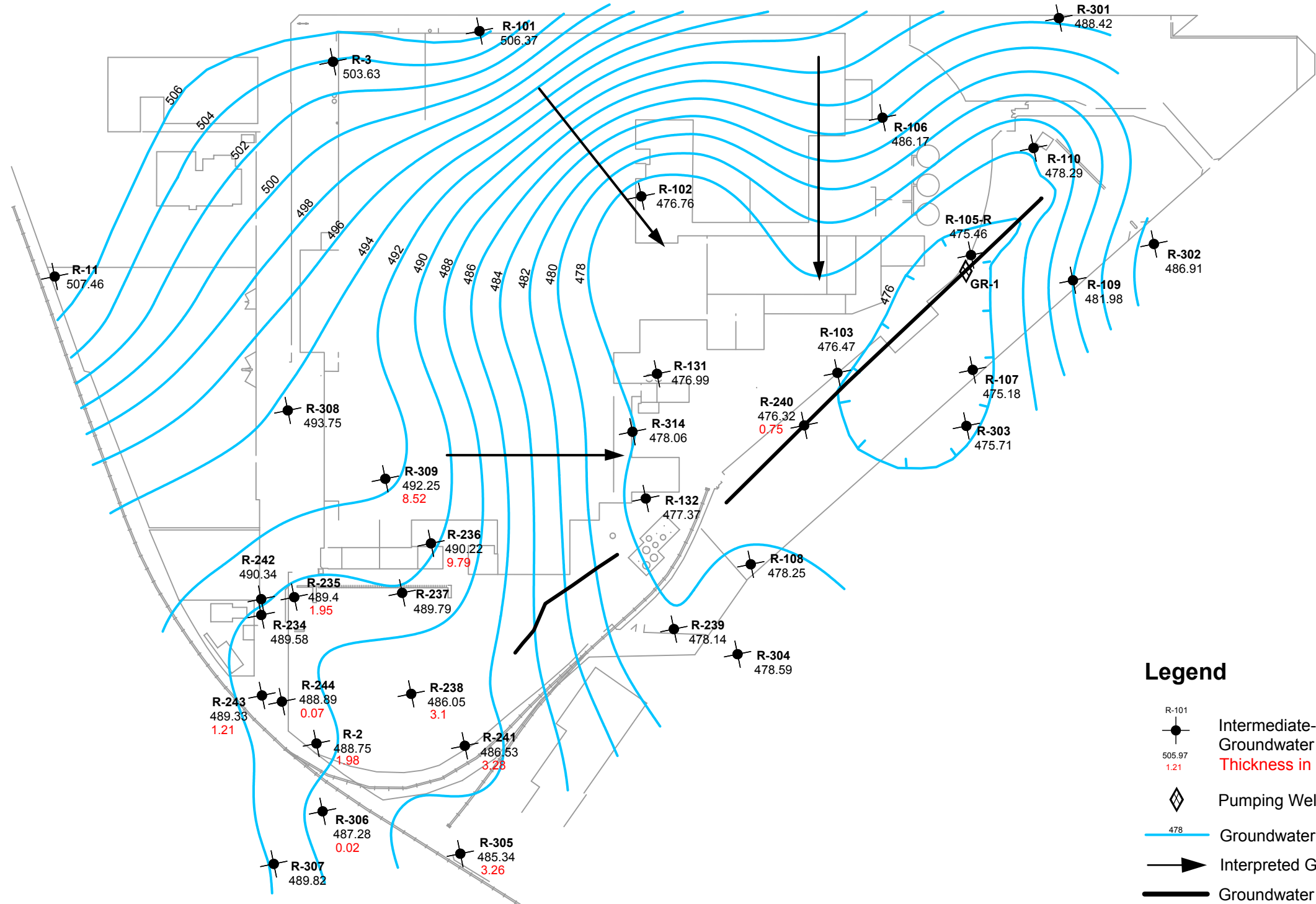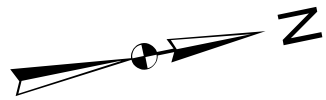
◇ Pumping Well

⎯478⎯ Groundwater Elevation Contour Line

➤ Interpreted Groundwater Flow Direction

▬▬▬ Groundwater Recovery Trench

Well labels shown on map:

- R-301 488.42
- R-101 506.37
- R-3 503.63
- R-106 486.17
- R-110 478.29
- R-105-R 475.46
- R-102 476.76
- R-302 486.91
- R-11 507.46
- R-109 481.98
- GR-1
- R-103 476.47
- R-107 475.18
- R-131 476.99
- R-308 493.75
- R-314 478.06
- R-240 476.32 / 0.75
- R-303 475.71
- R-309 492.25 / 8.52
- R-132 477.37
- R-236 490.22 / 9.79
- R-108 478.25
- R-242 490.34
- R-235 489.4 / 1.95
- R-237 489.79
- R-234 489.58
- R-239 478.14
- R-304 478.59
- R-244 488.89 / 0.07
- R-238 486.05 / 3.1
- R-243 489.33 / 1.21
- R-2 488.75 / 1.98
- R-241 486.53 / 3.26
- R-306 487.28 / 0.02
- R-305 485.34 / 3.26
- R-307 489.82

NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 21-22 April 2003. Migration control trench recovery well GR-1 was in operation during the April 2003 sampling event.
2. Contours created with ESRI's ArcMap 8.2 Spatial Analyst extension using spline interpolation. Contours adjusted as necessary by H&A of New York to account for other known site features and conditions.
3. Contours reflect values interpolated between data points. Actual values between data points will vary.
4. Datum is Mean Sea Level (MSL). Contour interval is two feet. Elevations expressed in feet.
5. Arrows indicate interpreted groundwater flow direction.
6. Refer to text for additional information.

0 50 100   200   300   400 Feet

70014-054\ArcMap\Groundwater Contours\April 2003\April_2003_gwElevations intermed
70014-054\Database\compressed_RI-FS

N

DR-105
487.41

GR-1

DR-11
491.24

DR-109
442.78

DR-315
488.45

DR-103
447.43

DR-132
478.11

DR-108
Dry at 408.97

Legend

DR-315
485.6
Deep-Bedrock Well Location, ID, and Groundwater Elevation

Pumping Well

Groundwater Recovery Trench

NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 21-22 April 2003. Migration control trench recovery well GR-1 was in operation during the April 2003 sampling event.
2. Datum is Mean Sea Level (MSL). Groundwater elevations expressed in feet.
3. Refer to text for additional information.

0 50 100 200 300 400
Feet

HALEY & ALDRICH

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

DELPHI CORPORATION
LEXINGTON AVENUE FACILITY RI
ROCHESTER, NEW YORK

DEEP-BEDROCK ZONE
GROUNDWATER ELEVATION POSTING
APRIL 2003

SCALE: AS SHOWN   JUNE 2003

Legend

SR-230

Overburden/Shallow-Bedrock Well Location, ID, Groundwater Elevation, and LNAPL Thickness in Feet

485.92
1.95

⬦ Pumping Well

480 — Groundwater Elevation Contour Line

→ Interpreted Groundwater Flow Direction

▬ Groundwater Recovery Trench

NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 28-29 July 2003. Migration control trench recovery well GR-1 was in operation during the July 2003 sampling event. Recovery well RW-2 within the Tank Farm Area gravel-filled trench was in operation during the water level measurement event.
2. Contours created with ESRI's ArcMap 8.2 Spatial Analyst extension using spline interpolation. Contours adjusted as necessary by H&A of New York to account for other known site features and conditions.
3. Contours reflect values interpolated between data points. Actual values between data points will vary.
4. Datum is Mean Sea Level (MSL). Contour interval is two feet. Elevations expressed in feet.
5. Arrows indicate interpreted groundwater flow direction.
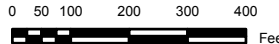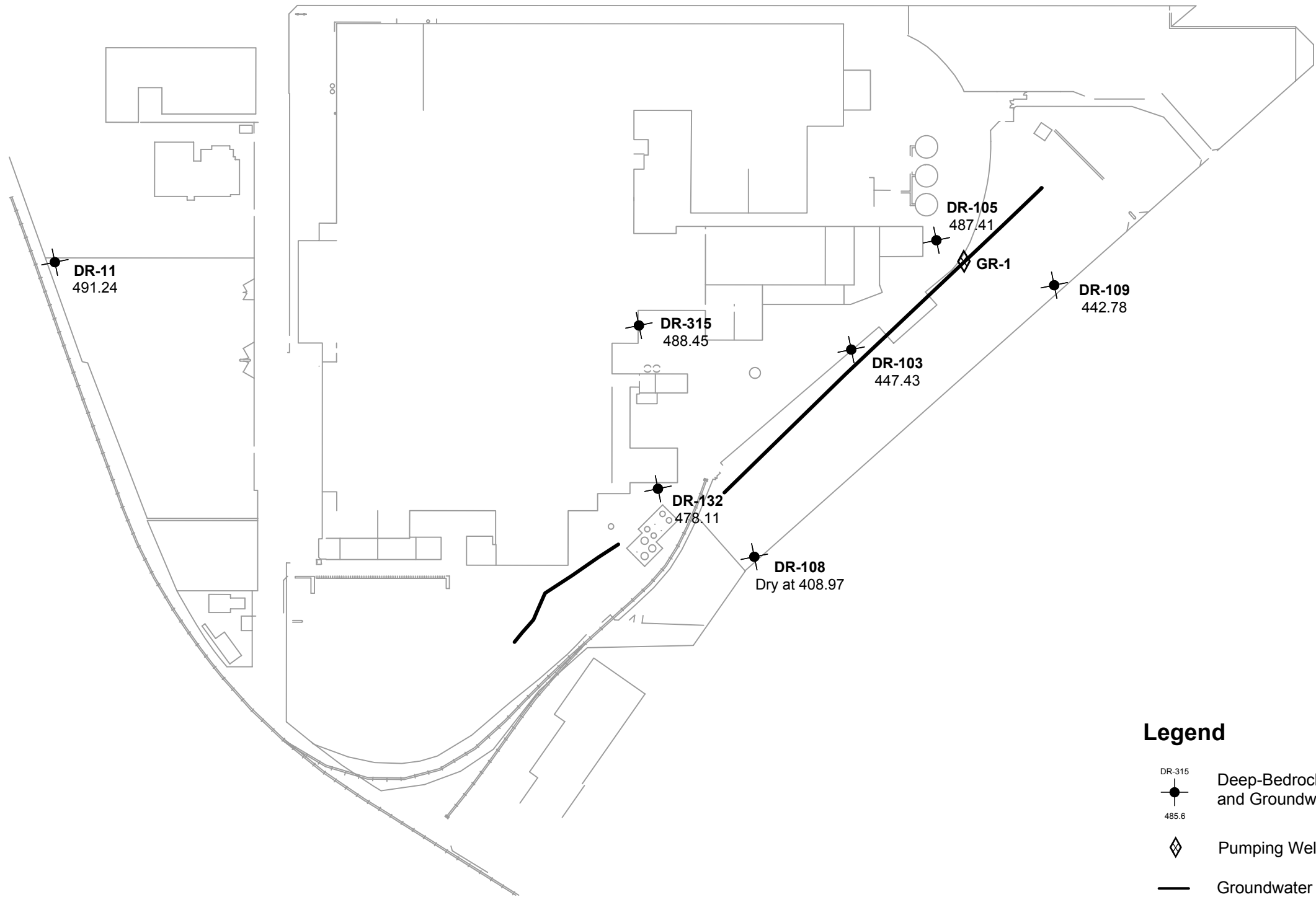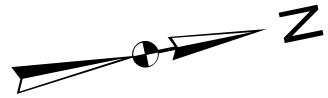6. Refer to text for additional information.

70014-054\ArcMap\Groundwater Contours\July 2003\July_2003_gwElevations over+shallow
70014-054\Database\compressed_RI-FS

0 50 100   200   300   400 Feet

Well locations and data:

SR-301 480.65
SR-101 505.32
SR-3 512.66
SR-321 501.71 2.94
SR-325 493.7
PZ-141 485.99
SR-320 498.75
VM-218 507.17 .04
SR-216 496.2 1.5
SR-319 496.18 3.25
PZ-130 496.7 7.95
SR-110 483.97
SR-230 496.37 1.35
SR-102 492.4 6.91
PZ-143 496.41
PZ-142 495.16
PZ-144 495.02
PZ-140 481.92
SR-231 502.64
SR-318 495.25 8.56
PZ-129 496.5 0.3
RW-4 490.48
PZ-133 478.33
MW-2 Photec 485.35
VM-210 509.15 0.01
VM-211 502 13.5
SR-317 496.42
OW-102 497.35 0.22
Well Z 490.94
SR-105 482.52
PZ-134 478.13
SR-11 511.62
OW-317 508.29 0.1
GR-1
SR-208 505.93 0.75
OW-316 507.25
PZ-135 477.78
SR-316 503.57 1.33 10.27
SR-103 480.35
PZ-136 481.4 0.15
SR-107 484.3
SR-313 502.61 5.79
OW-328 506.48 0.15
SR-131 494.38
480
482
484
SR-308 506.77
SR-312 504.55 8.17
SR-326 496.66 3.4
SR-314 502.52
PZ-157 475.36 0.37
PZ-138 481.24
SR-303 483.02
SR-311 505.10 10.68
OW-327 502.68 0.8
PZ-132 504.13 0.07
SR-132 497.52
PZ-139 479.75
SR-310 506.89 10.27
SR-233 510.2
SR-236 506.23 1.28
PZ-119 507.3
PZ-117 507.07
PZ-118 505.43
RW-2 503.76 0.52
PZ-123 503.85 1.28
RW-101 504.7 0.11
PZ-112 497.08
482
SR-235 505.75
PZ-124 504.18 2.27
PZ-125 503.78
PZ-116 503.83
PZ-111 496.02
SR-304 480.77
PZ-126 495.69
PZ-122 503.38 0.02
PZ-114 503.19 6.64
PZ-121 503.01
PZ-1 503.34 1.88
PZ-127 503.61
PZ-113 458.89
SR-245 498.41
PZ-128 503.59
RW-3 503.74 0.15
SR-2 505.84
PZ-115 496.77

Contour labels: 512 510 508 506 504 502 500 498 496 494 492 490 488 486 484 482 480 478

INTERMEDIATE-BEDROCK ZONE
GROUNDWATER ELEVATION CONTOUR PLAN
JULY 2003

Legend

R-101
505.97
1.21 — Intermediate-Bedrock Well Location, ID, Groundwater Elevation, and LNAPL Thickness in Feet

◇ — Pumping Well

478 — Groundwater Elevation Contour Line

→ — Interpreted Groundwater Flow Direction

▬ — Groundwater Recovery Trench

NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 28-29 July 2003. Migration control trench recovery well GR-1 was in operation during the July 2003 sampling event.
2. Contours created with ESRI's ArcMap 8.2 Spatial Analyst extension using spline interpolation. Contours adjusted as necessary by H&A of New York to account for other known site features and conditions.
3. Contours reflect values interpolated between data points. Actual values between data points will vary.
4. Datum is Mean Sea Level (MSL). Contour interval is two feet. Elevations expressed in feet.
5. Arrows indicate interpreted groundwater flow direction.
6. Refer to text for additional information.

HALEY & ALDRICH

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

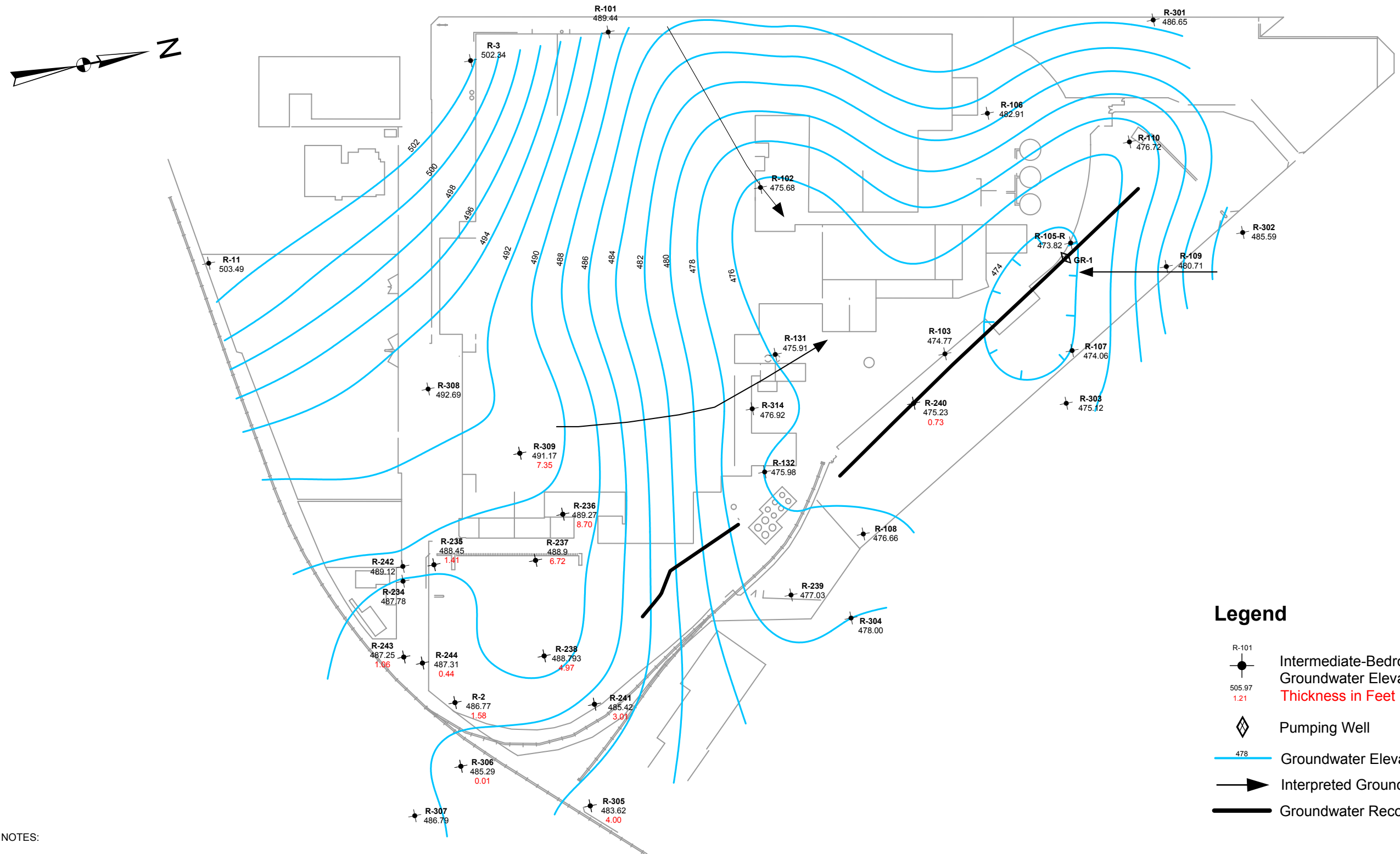DELPHI CORPORATION
LEXINGTON AVENUE FACILITY RI
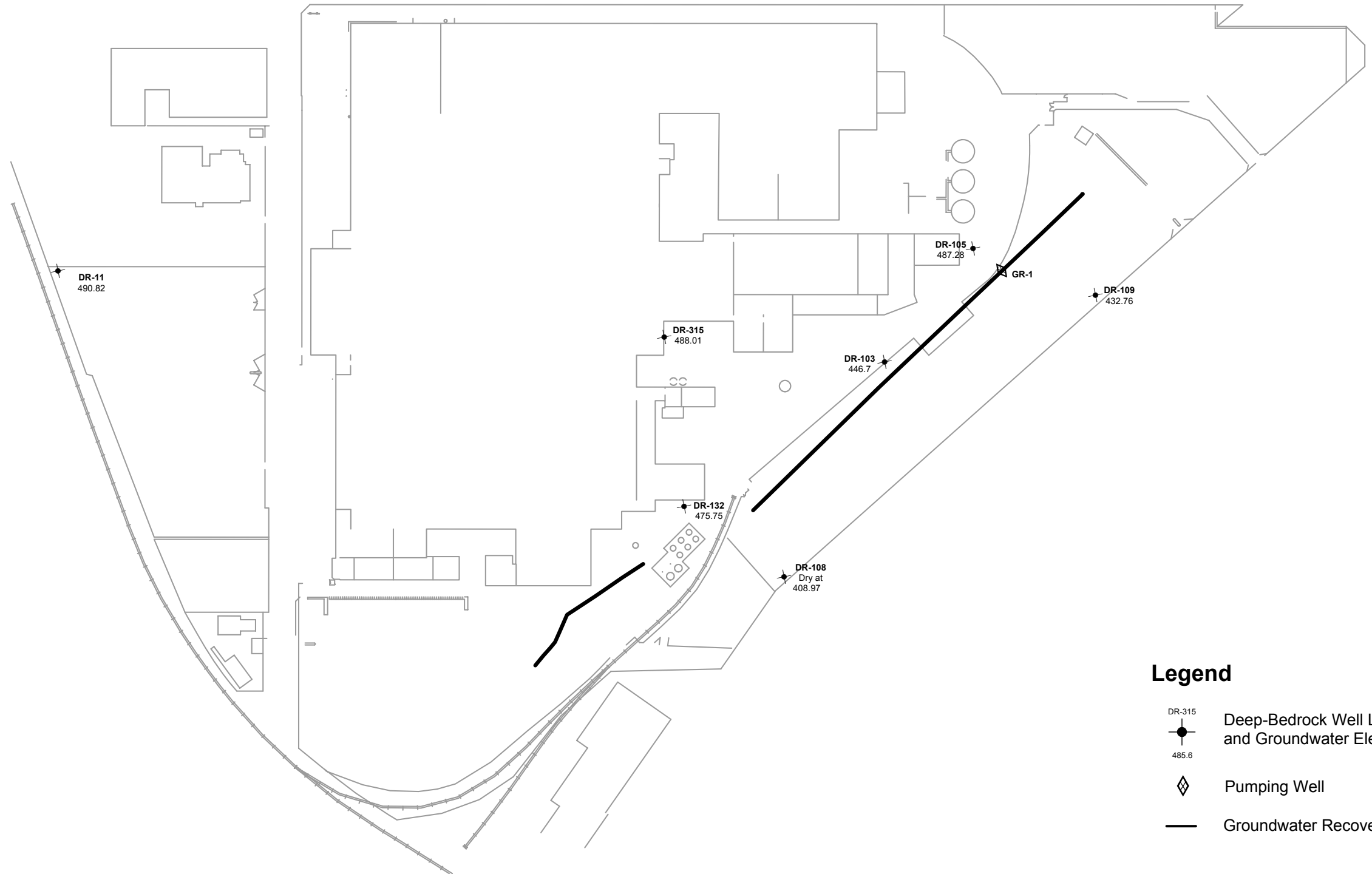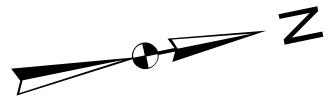ROCHESTER, NEW YORK

INTERMEDIATE-BEDROCK ZONE
GROUNDWATER ELEVATION CONTOUR PLAN
JULY 2003

SCALE : AS SHOWN   SEPTEMBER 2003

0 50 100   200   300   400   Feet

70014-054\ArcMap\Groundwater Contours\July 2003\July_2003_gwElevations intermed
70014-054\Database\compressed_RI-FS

N

DR-11
490.82

DR-105
487.28

GR-1

DR-109
432.76

DR-315
488.01

DR-103
446.7

DR-132
475.75

DR-108
Dry at
408.97

Legend

DR-315
●
485.6
Deep-Bedrock Well Location, ID, and Groundwater Elevation

◇ Pumping Well

—— Groundwater Recovery Trench

NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 28-29 July 2003. Migration control trench recovery well GR-1 was in operation during the July 2003 sampling event.
2. Datum is Mean Sea Level (MSL). Groundwater elevations expressed in feet.
3. Refer to text for additional information.

0 50 100   200   300   400
Feet

70014-054\ArcMap\Groundwater Contours\July 2003\July_2003_gwElevations deep
70014-054\Database\compressed_RI-FS

Legend

SR-230
485.92
1.95
Overburden/Shallow-Bedrock Well Location, ID, Groundwater Elevation, and LNAPL Thickness in Feet

◇ Pumping Well

480 — Groundwater Elevation Contour Line

→ Interpreted Groundwater Flow Direction

━━ Groundwater Recovery Trench

NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 20-21 October 2003. Migration control trench recovery well GR-1 was in operation during the October 2003 sampling event. Recovery well RW-2 within the Tank Farm Area gravel-filled trench was in operation during the water level measurement event.
2. Contours created with ESRI's ArcMap 8.2 Spatial Analyst extension using spline interpolation. Contours adjusted as necessary by H&A of New York to account for other known site features and conditions.
3. Contours reflect values interpolated between data points. Actual values between data points will vary.
4. Datum is Mean Sea Level (MSL). Contour interval is two feet. Elevations expressed in feet.
5. Arrows indicate interpreted groundwater flow direction.
6. Refer to text for additional information.

70014-054\ArcMap\Groundwater Contours\Oct 2003\Oct_2003_gwElevations over+shallow
70014-054\Database\compressed_RI-FS

0   150   300   600   900
Feet

HALEY & ALDRICH

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

DELPHI CORPORATION
LEXINGTON AVENUE FACILITY RI
ROCHESTER, NEW YORK

OVERBURDEN/SHALLOW-BEDROCK ZONE
GROUNDWATER ELEVATION CONTOUR PLAN
OCTOBER 2003

SCALE : AS SHOWN   DECEMBER 2003

N

R-301
488.79

R-101
492.54

R-3
502.35

R-106
483.62

R-110
478.24

R-102
477.63

R-105-R
476.57

R-302
485.25

GR-1

R-109
480.74

R-11
503.62
0.01

R-103
477.32

R-131
478.24

R-107
476.7

R-308
492.65

R-314
478.99

R-240
477.73
1.32

R-303
471.07

R-309
491.7
10.91

R-132
478.16

R-236
490.05
8.14

R-108
478.1

R-242
489.41

R-235
488.51
0.95

R-237
489.2
6.18

R-239
478.22

R-234
489.86

R-304
478.1

R-243
487.45
0.99

R-244
487.49
0.96

R-238
487.34
3.08

R-241
485.81
3.01

R-2
486.98
1.49

R-306
485.33

R-305
484.11
7.59

R-307
486.92

502 500 498 496 494 492 490 488 486 484 482 480 478 476 474 472 472 478

Legend

R-101

Intermediate-Bedrock Well Location, ID, Groundwater Elevation, and LNAPL Thickness in Feet

505.97
1.21

Pumping Well

478 — Groundwater Elevation Contour Line

→ Interpreted Groundwater Flow Direction

— Groundwater Recovery Trench

NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 20-21 October 2003. Migration control trench recovery well GR-1 was in operation during the October 2003 sampling event.
2. Contours created with ESRI's ArcMap 8.2 Spatial Analyst extension using spline interpolation. Contours adjusted as necessary by H&A of New York to account for other known site features and conditions.
3. Contours reflect values interpolated between data points. Actual values between data points will vary.
4. Datum is Mean Sea Level (MSL). Contour interval is two feet. Elevations expressed in feet.
5. Arrows indicate interpreted groundwater flow direction.
6. Refer to text for additional information.

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UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

DELPHI CORPORATION
LEXINGTON AVENUE FACILITY RI
ROCHESTER, NEW YORK

INTERMEDIATE-BEDROCK ZONE
GROUNDWATER ELEVATION CONTOUR PLAN
OCTOBER 2003

SCALE : AS SHOWN   DECEMBER 2003

0   150   300   600   900   Feet

N

DR-11
491.34

DR-105
487.53

GR-1

DR-109
433.04

DR-315
490.49

DR-103
447.78

DR-132
476.75

DR-108
Dry at
94.2 Feet
(408.97)

Legend

DR-315
●
485.6

Deep-Bedrock Well Location, ID,
and Groundwater Elevation

◇   Pumping Well

———   Groundwater Recovery Trench

NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 20-21 October 2003.
   Migration control trench recovery well GR-1 was in operation during the October 2003
   sampling event.
2. Datum is Mean Sea Level (MSL). Groundwater elevations expressed in feet.
3. Refer to text for additional information.

0   150   300   600   900
Feet

70014-054\ArcMap\Groundwater Contours\Oct_ 2003\Oct_2003_gwElevations deep
70014-054\Database\compressed_RI-FS

LEGEND:

R-315 — SHALLOW BEDROCK OR OVERBURDEN WELL ID
485.6 — GROUNDWATER ELEVATION
PRODUCT THICKNESS (IN FT. - IF PRESENT)

GR-1 ◊ — BLASTED BEDROCK TRENCH RECOVERY WELL

——— GROUNDWATER RECOVERY TRENCH

NOTES:

1. DEPTH TO GROUNDWATER MEASURED BY FREE-COL LABORATORIES, INC. 20-24 JANUARY 2004. MIGRATION CONTROL TRENCH RECOVERY WELL GR-2 WAS IN OPERATION DURING THE JANUARY 2004 SAMPLING EVENT. GRAVEL-FILLED TRENCH PUMPING WELL RW-2 WAS NOT IN OPERATION DURING THE MEASUREMENT PERIOD DUE TO A FROZEN PUMP.

2. DATUM IS MEAN SEA LEVEL (MSL). GROUNDWATER ELEVATIONS EXPESSED IN FEET

3. REFER TO TEXT FOR ADDITIONAL INFORMATION.

Map labels:

- DR-11 — 492.03
- DR-315 — 492.84
- DR-105 — 487.89
- GR-1
- DR-109 — 433.49
- DR-103 — 449.03
- GR-2
- DR-132 — 482.39
- DR-108 — DRY AT 409.0 FT

Scale: 0 — 150 — 300 — 600 Feet
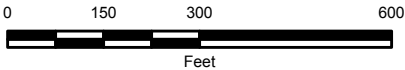
HALEY & ALDRICH

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LEXINGTON AVENUE FACILITY RIFS
ROCHESTER, NEW YORK

DEEP BEDROCK
GROUNDWATER POSTING MAP
JANUARY 2004

SCALE AS SHOWN — MARCH 2004
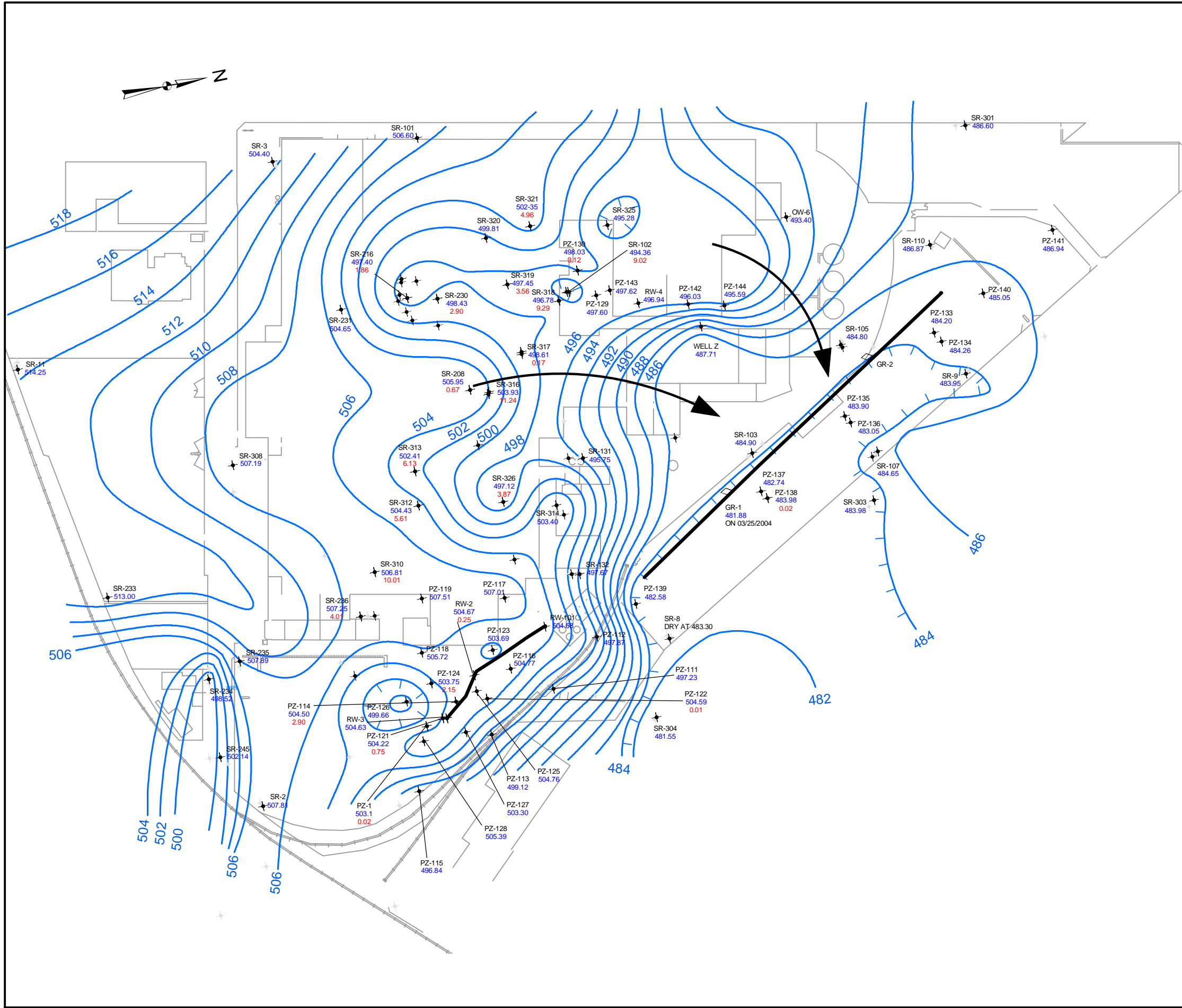
LEGEND:

R-315   SHALLOW-BEDROCK OR OVERBURDEN WELL LOCATION ID
485.6   GROUNDWATER ELEVATION
10.2   LNAPL THICKNESS (IN FT. - IF PRESENT)

GR-1 ◇   BLASTED BEDROCK TRENCH RECOVERY WELL

498 ⎯   GROUNDWATER ELEVATION CONTOUR - 2FT. INTERVAL

⎯⎯   GROUNDWATER RECOVERY TRENCH

⤷   INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

1. DEPTH TO GROUNDWATER MEASURED BY FREE-COL LABORATORIES, INC. 12-13 APRIL 2004. MIGRATION CONTROL TRENCH RECOVERY WELL GR-2 WAS IN OPERATION DURING THE APRIL 2004 SAMPLING EVENT. GRAVEL-FILLED TRENCH PUMPING WELL RW-2 WAS IN OPERATION DURING THE MEASUREMENT PERIOD.

2. DATUM IS MEAN SEA LEVEL (MSL). GROUNDWATER ELEVATIONS EXPRESSED IN FEET

3. REFER TO TEXT FOR ADDITIONAL INFORMATION.

0   150   300   600   900

Feet

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ROCHESTER, NEW YORK

SHALLOW-BEDROCK AND OVERBURDEN GROUNDWATER CONTOUR MAP
APRIL 2004

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

SCALE AS SHOWN   JUNE 2004

G:\PROJECTS\70014\054\ARCMAP\GROUNDWATER CONTOURS\APR_2004\2004_APR-O-S.MXD ARCGIS[B][FIGURE 3]

LEGEND:

R-315 · 485.6 · 10.2 — INTERMEDIATE-BEDROCK WELL ID / GROUNDWATER ELEVATION / PRODUCT THICKNESS (IN FT. - IF PRESENT)

GR-1 ◇ — BLASTED BEDROCK TRENCH RECOVERY WELL

498 — GROUNDWATER CONTOUR - 2FT. INTERVAL

—— GROUNDWATER RECOVERY TRENCH

⤸ — INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

1. DEPTH TO GROUNDWATER MEASURED BY FREE-COL LABORATORIES, INC. 12-13 APRIL 2004. MIGRATION CONTROL TRENCH RECOVERY WELL GR-2 WAS IN OPERATION DURING THE APRIL 2004 SAMPLING EVENT. GRAVEL-FILLED TRENCH PUMPING WELL RW-2 WAS IN OPERATION DURING THE MEASUREMENT PERIOD.

2. DATUM IS MEAN SEA LEVEL (MSL). GROUNDWATER ELEVATIONS EXPESSED IN FEET

3. REFER TO TEXT FOR ADDITIONAL INFORMATION.

Scale: 0 — 150 — 300 — 600 — 900 Feet

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DELPHI CORPORATION
LEXINGTON AVENUE FACILITY RIFS
ROCHESTER, NEW YORK

INTERMEDIATE-BEDROCK
GROUNDWATER CONTOUR MAP
APRIL 2004

UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS

SCALE AS SHOWN   JUNE 2004

G:\\PROJECTS\70014\054\ARCMAP\GROUNDWATER CONTOURS\APR_2004\2004_APR-I.MXD ARCGIS\B\[FIGURE4]

LEGEND:

R-315 — DEEP-BEDROCK WELL ID
485.6 — GROUNDWATER ELEVATION
PRODUCT THICKNESS (IN FT. - IF PRESENT)

GR-1 ◇ — BLASTED BEDROCK TRENCH RECOVERY WELL

──────── — GROUNDWATER RECOVERY TRENCH

NOTES:

1. DEPTH TO GROUNDWATER MEASURED BY FREE-COL LABORATORIES, INC. 12-13 APRIL 2004. MIGRATION CONTROL TRENCH RECOVERY WELL GR-2 WAS IN OPERATION DURING THE APRIL 2004 SAMPLING EVENT. GRAVEL-FILLED TRENCH PUMPING WELL RW-2 WAS IN OPERATION DURING THE MEASUREMENT PERIOD.

2. DATUM IS MEAN SEA LEVEL (MSL). GROUNDWATER ELEVATIONS EXPESSED IN FEET

3. REFER TO TEXT FOR ADDITIONAL INFORMATION.

DR-11
492.50

DR-315
494.53

DR-105
487.87

GR-1

DR-109
433.81

DR-103
450.23

GR-2

DR-132
484.61

DR-108
DRY AT 409.0 FT.

Z (North arrow)

0   150   300   600   900
Feet

G:\\PROJECTS\70014\054\ARCMAP\GROUNDWATER CONTOURS\APR_2004\2004_APR-D.MXD ARCGIS[B][FIGURE 5]

HALEY & ALDRICH
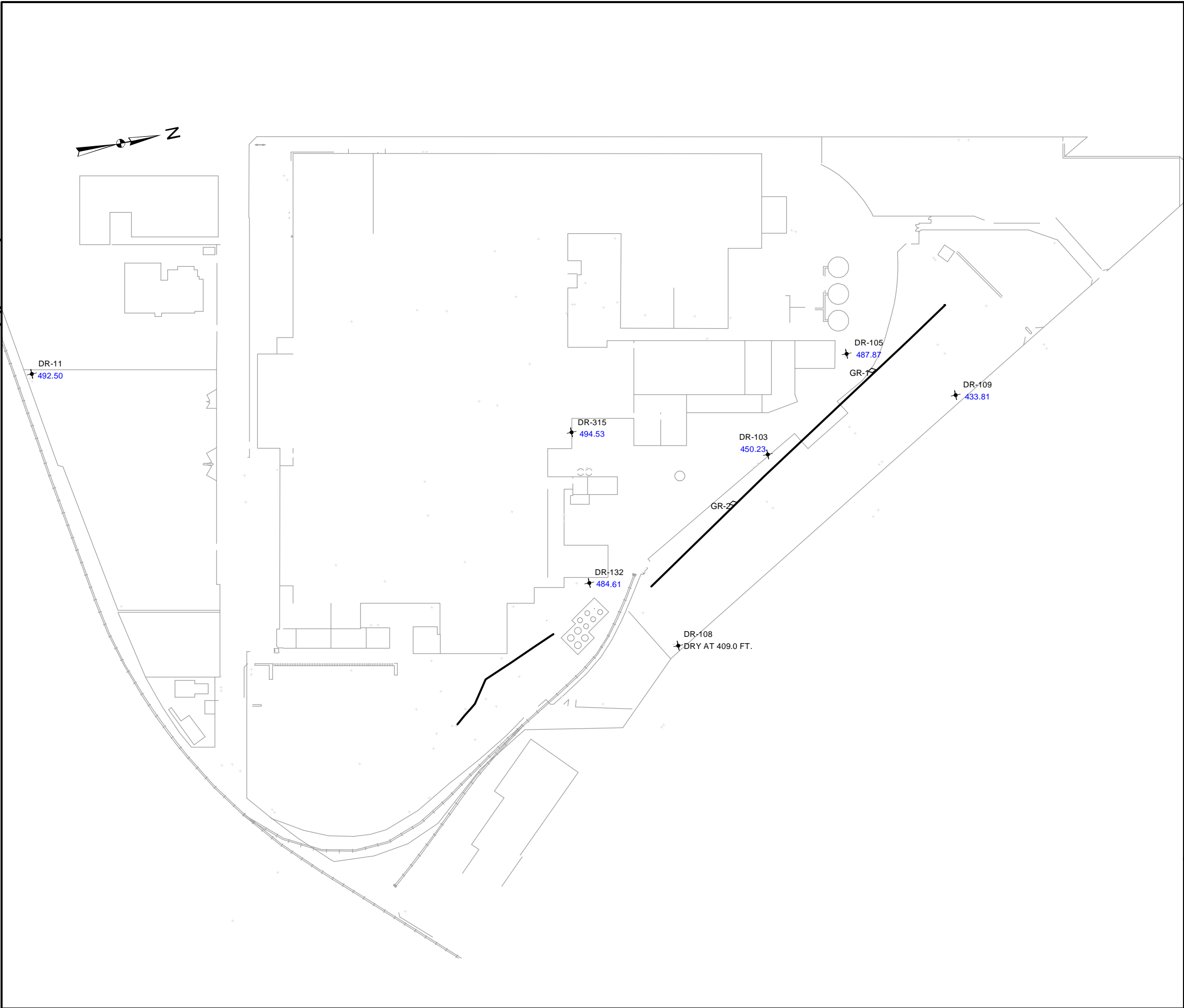
DELPHI CORPORATION
LEXINGTON AVENUE FACILITY RIFS
ROCHESTER, NEW YORK

DEEP-BEDROCK
GROUNDWATER POSTING MAP
APRIL 2004

UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
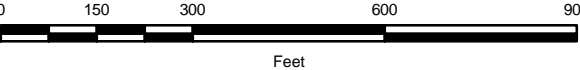SOLUTIONS

SCALE AS SHOWN   JUNE 2004

LEGEND:

SR-102 — SHALLOW-BEDROCK OR OVERBURDEN WELL LOCATION ID
493.89 — GROUNDWATER ELEVATION
7.91 — LNAPL THICKNESS (IN FT. - IF PRESENT)

GR-1 — BLASTED BEDROCK TRENCH RECOVERY WELL

GROUNDWATER RECOVERY TRENCH

492 — GROUNDWATER CONTOURS 2-FT INTERVAL

INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

1. DEPTH TO GROUNDWATER MEASURED BY FREE-COL LABORATORIES, INC. 19-20 JULY 2004. MIGRATION CONTROL TRENCH RECOVERY WELL GR-2 WAS IN OPERATION DURING THE JULY 2004 SAMPLING EVENT. GRAVEL-FILLED TRENCH PUMPING WELL RW-2 WAS IN OPERATION DURING THE MEASUREMENT PERIOD.

2. CONTOURS CREATED WITH SURFER 8 USING KRIGING ANALYSIS. CONTOURS ARE ADJUSTED AS NECESSARY BY HALEY & ALDRICH OF NEW YORK TO ACCOUNT FOR OTHER KNOWN SITE FEATURES AND CONDITIONS.

3. CONTOURS REFLECT VALUES INTERPOLATED BETWEEN DATA POINTS. ACTUAL VALUES BETWEEN DATA POINTS WILL VARY. CONTOUR INTERVAL IS 2 FEET.

4. DATUM IS MEAN SEA LEVEL (MSL). GROUNDWATER ELEVATIONS EXPESSED IN FEET.

5. ARROWS INDICATE INTERPRETED GROUNDWATER FLOW DIRECTION.

6. REFER TO TEXT FOR ADDITIONAL INFORMATION.

Scale:
0   150   300   600   900
Feet

70014-054 ARCMAP B1
G:\PROJECTS\70014\054\ARCMAP\GROUNDWATER CONTOURS\JUL_2004\2004_Jul-O-S.MXD

HALEY & ALDRICH

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

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LEXINGTON AVENUE FACILITY RI/FS
ROCHESTER, NEW YORK

SHALLOW-BEDROCK AND OVERBURDEN
GROUNDWATER CONTOUR MAP
JULY 2004

SCALE AS SHOWN   SEPTEMBER 2004

LEGEND:

R-305   INTERMEDIATE BEDROCK WELL LOCATION ID
485.60   GROUNDWATER ELEVATION
9.61   LNAPL THICKNESS (IN FT. - IF PRESENT)

GR-1   BLASTED BEDROCK TRENCH RECOVERY WELL

GROUNDWATER RECOVERY TRENCH

492   GROUNDWATER CONTOURS 2-FT INTERVAL (DASHED WHERE INFERRED)

INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

1. DEPTH TO GROUNDWATER MEASURED BY FREE-COL LABORATORIES, INC. 19-20 JULY 2004. MIGRATION CONTROL TRENCH RECOVERY WELL GR-2 WAS IN OPERATION DURING THE JULY 2004 SAMPLING EVENT. GRAVEL-FILLED TRENCH PUMPING WELL RW-2 WAS IN OPERATION DURING THE MEASUREMENT PERIOD.

2. CONTOURS CREATED WITH SURFER 8 USING KRIGING ANALYSIS. CONTOURS ARE ADJUSTED AS NECESSARY BY HALEY & ALDRICH OF NEW YORK TO ACCOUNT FOR OTHER KNOWN SITE FEATURES AND CONDITIONS.

3. CONTOURS REFLECT VALUES INTERPOLATED BETWEEN DATA POINTS. ACTUAL VALUES BETWEEN DATA POINTS WILL VARY. CONTOUR INTERVAL IS 2 FEET.

4. DATUM IS MEAN SEA LEVEL (MSL). GROUNDWATER ELEVATIONS EXPESSED IN FEET.

5. ARROWS INDICATE INTERPRETED GROUNDWATER FLOW DIRECTION.

6. REFER TO TEXT FOR ADDITIONAL INFORMATION.

Map well labels:

R-301 489.24
R-3 504.01
R-101 500.08
R-106 487.37
R-110 484.31
R-102 484.19
R-302 487.36
R-105-R 483.49
GR-1
R-109 484.17
R-11 508.84
R-131 483.84
R-103 483.18
R-107 483.23
R-308 493.07
GR-2
R-240 483.20 / 0.16
R-303 477.29
R-314 483.96
R-309 492.36 / 8.63
R-132 483.42
R-236 490.20 / 7.95
R-108 482.66
R-242 489.96
R-235 489.48 / 2.7
R-237 489.62 / 9.46
R-234 489.51
R-239 482.34
R-304 482.16
R-243 489.13 / 0.55
R-244 489.02 / 0.41
R-238 488.02 / 4.52
R-2 488.36
R-241 486.27 / 2.53
R-306 486.76
R-305 485.60 / 9.61
R-307 489.45

Scale:
0   150   300   600   900
Feet

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ROCHESTER, NEW YORK

INTERMEDIATE-BEDROCK
GROUNDWATER CONTOUR MAP
JULY 2004

UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS

SCALE AS SHOWN   SEPTEMBER 2004

N

LEGEND:

DR-315   SHALLOW-BEDROCK OR OVERBURDEN WELL LOCATION ID
495.96   GROUNDWATER ELEVATION

◇   BLASTED BEDROCK TRENCH RECOVERY WELL
GR-1

▬▬   GROUNDWATER RECOVERY TRENCH

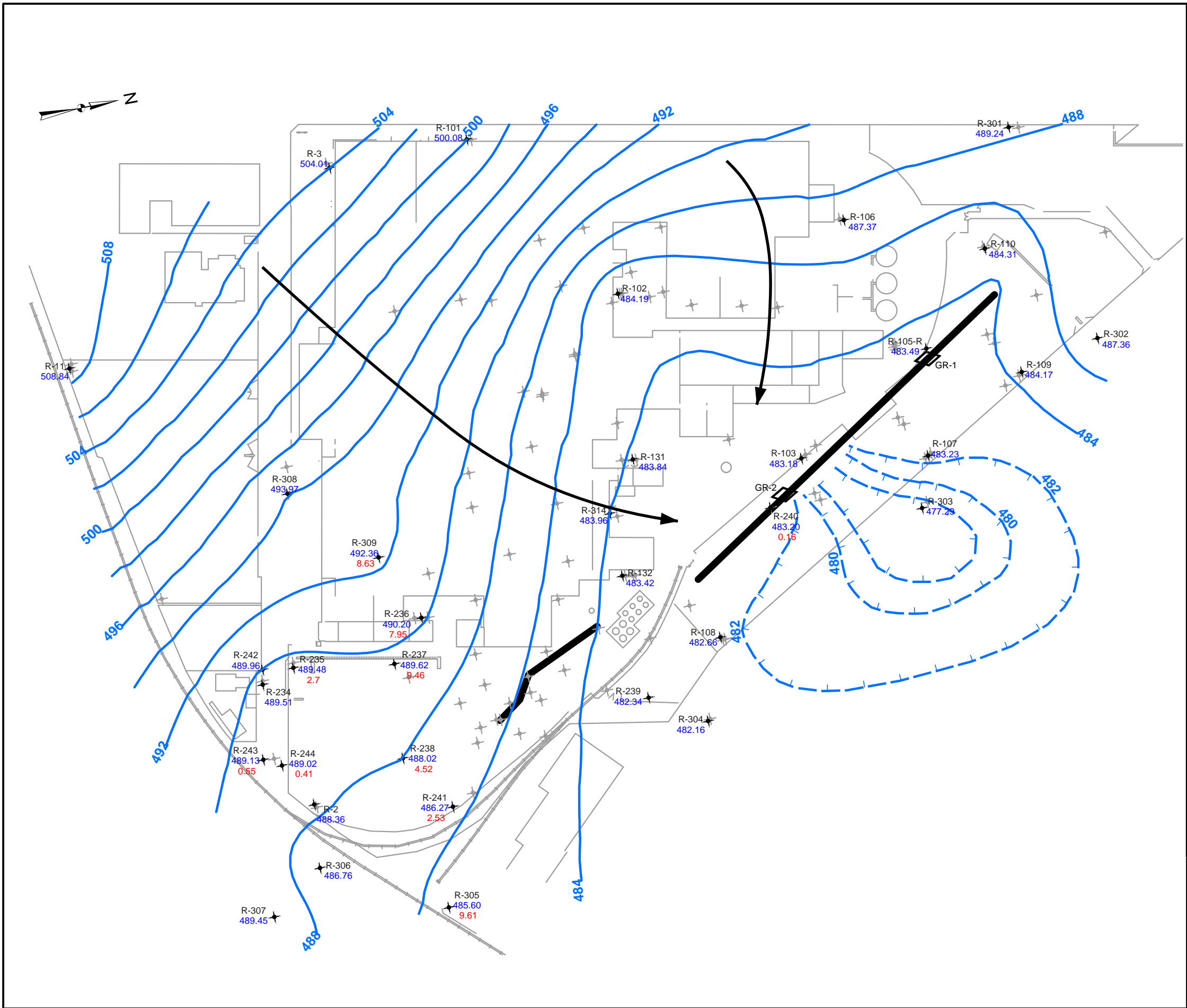⌐   INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

1. DEPTH TO GROUNDWATER MEASURED BY FREE-COL LABORATORIES, INC.
   19-20 JULY 2004. MIGRATION CONTROL TRENCH RECOVERY WELL GR-2
   WAS IN OPERATION DURING THE JULY 2004 SAMPLING EVENT.
   GRAVEL-FILLED TRENCH PUMPING WELL RW-2 WAS IN OPERATION
   DURING THE MEASUREMENT PERIOD.

2. DATUM IS MEAN SEA LEVEL (MSL). GROUNDWATER ELEVATIONS EXPESSED
   IN FEET

3. REFER TO TEXT FOR ADDITIONAL INFORMATION.

DR-11
493.42

DR-105
488.34

GR-1

DR-109
434.07

DR-315
495.96

DR-103
451.73

GR-2

DR-132
483.19

DR-108
DRY AT 409.00-FT

0   150   300   600   900
Feet

HALEY & ALDRICH

DELPHI CORPORATION
LEXINGTON AVENUE FACILITY RI/FS
ROCHESTER, NEW YORK

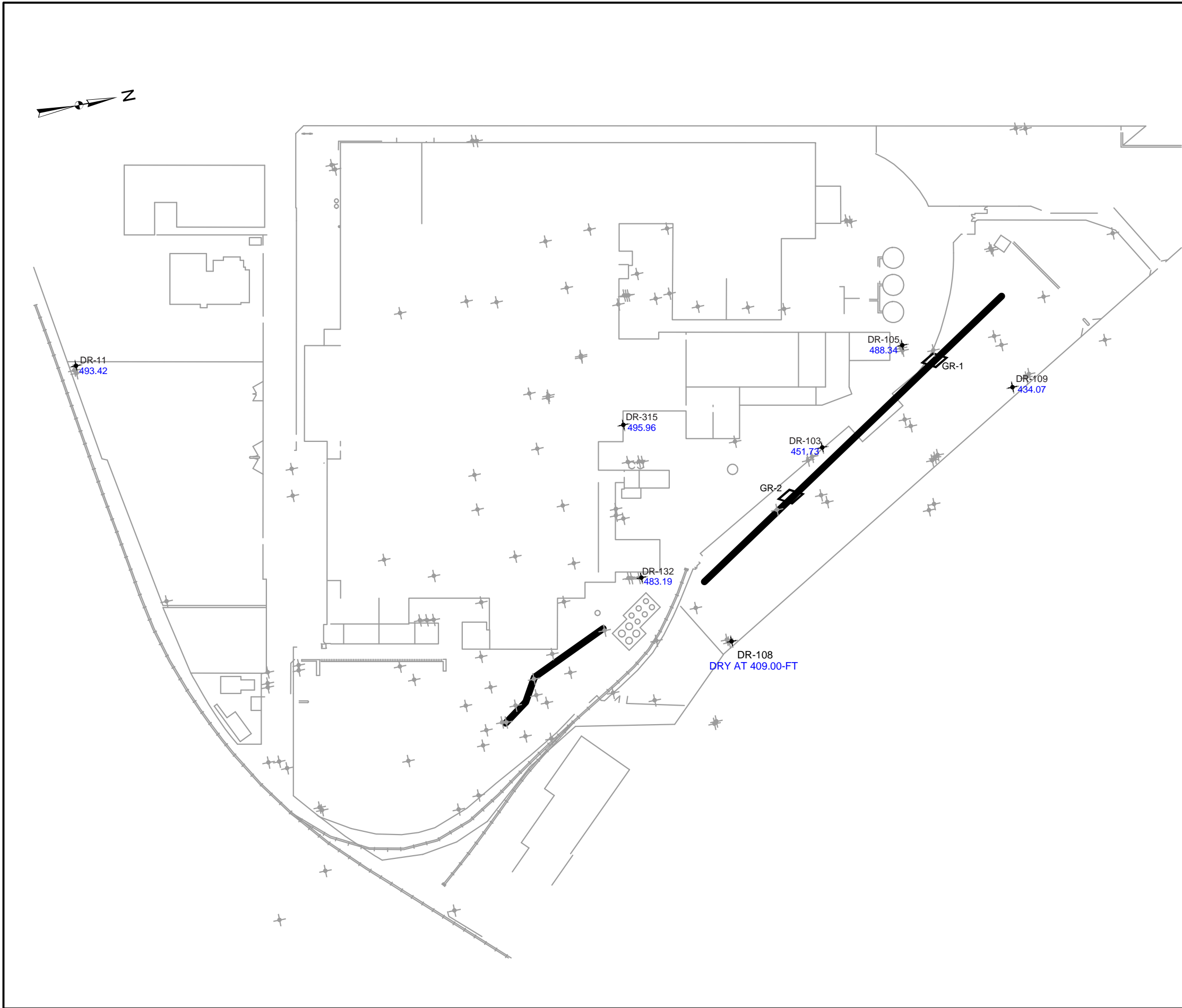DEEP-BEDROCK
GROUNDWATER CONTOUR MAP
JULY 2004

UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS

SCALE AS SHOWN   SEPTEMBER 2004

LEGEND:

SR-102 SHALLOW-BEDROCK OR OVERBURDEN WELL LOCATION ID
493.89 GROUNDWATER ELEVATION
7.91   LNAPL THICKNESS (IN FT.), IF PRESENT

GR-1   BLASTED BEDROCK TRENCH RECOVERY WELL

        GROUNDWATER RECOVERY TRENCH

492   GROUNDWATER CONTOURS 2-FT INTERVAL

        INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

1. DEPTH TO GROUNDWATER MEASURED BY FREE-COL LABORATORIES, INC. 18-20 OCTOBER 2004. MIGRATION CONTROL TRENCH RECOVERY WELL GR-2 WAS IN OPERATION DURING THE OCTOBER 2004 SAMPLING EVENT. GRAVEL-FILLED TRENCH PUMPING WELL RW-2 WAS IN OPERATION DURING THE MEASUREMENT PERIOD.

2. CONTOURS CREATED WITH SURFER 8 USING KRIGING ANALYSIS. CONTOURS ARE ADJUSTED AS NECESSARY BY HALEY & ALDRICH OF NEW YORK TO ACCOUNT FOR OTHER KNOWN SITE FEATURES AND CONDITIONS.

3. CONTOURS REFLECT VALUES INTERPOLATED BETWEEN DATA POINTS. ACTUAL VALUES BETWEEN DATA POINTS WILL VARY. CONTOUR INTERVAL IS 2 FEET.

4. DATUM IS MEAN SEA LEVEL (MSL). GROUNDWATER ELEVATIONS EXPESSED IN FEET.

5. ARROWS INDICATE INTERPRETED GROUNDWATER FLOW DIRECTION.

6. REFER TO TEXT FOR ADDITIONAL INFORMATION.
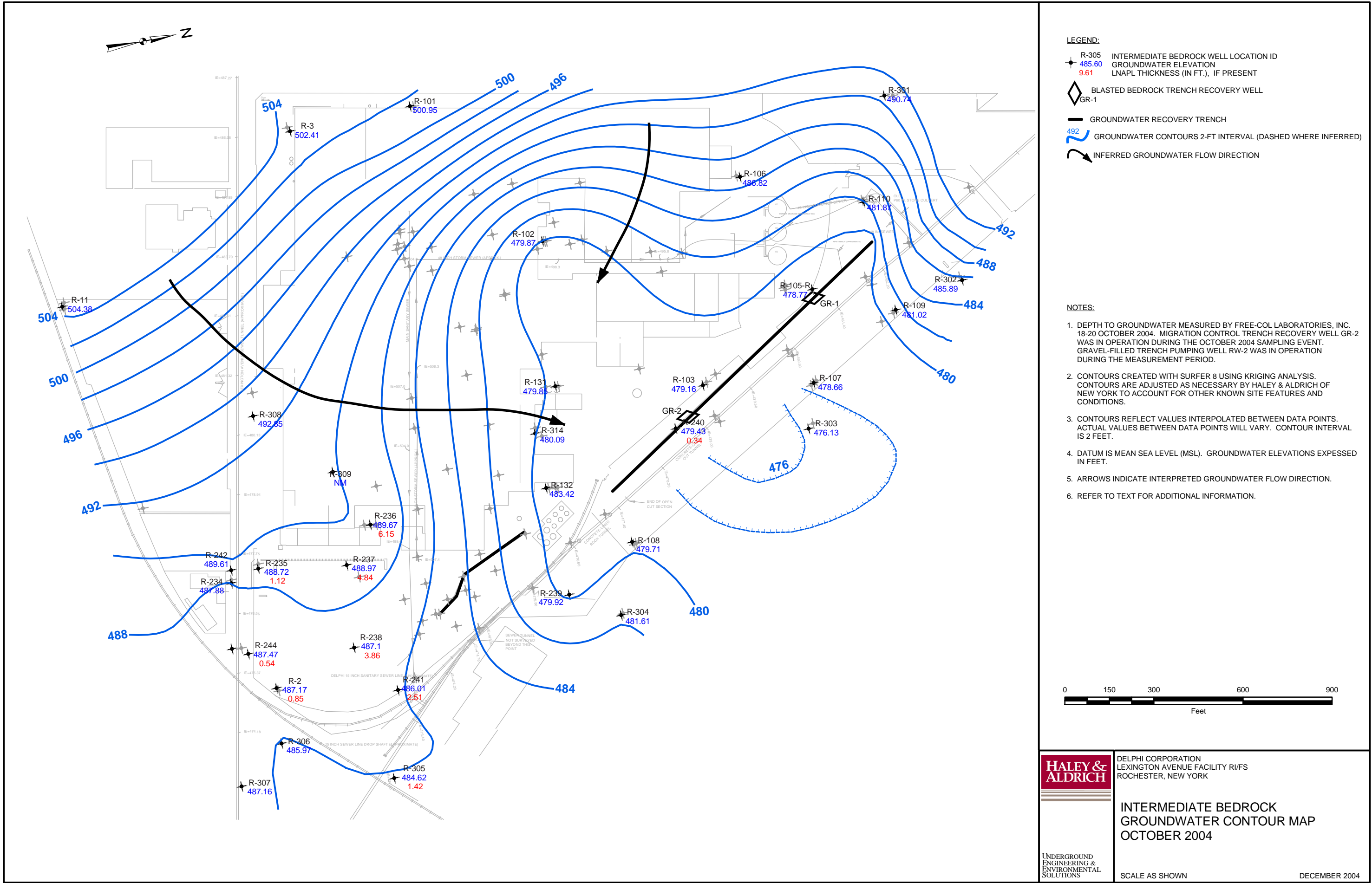
0   150   300   600   900
Feet

HALEY & ALDRICH

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ROCHESTER, NEW YORK

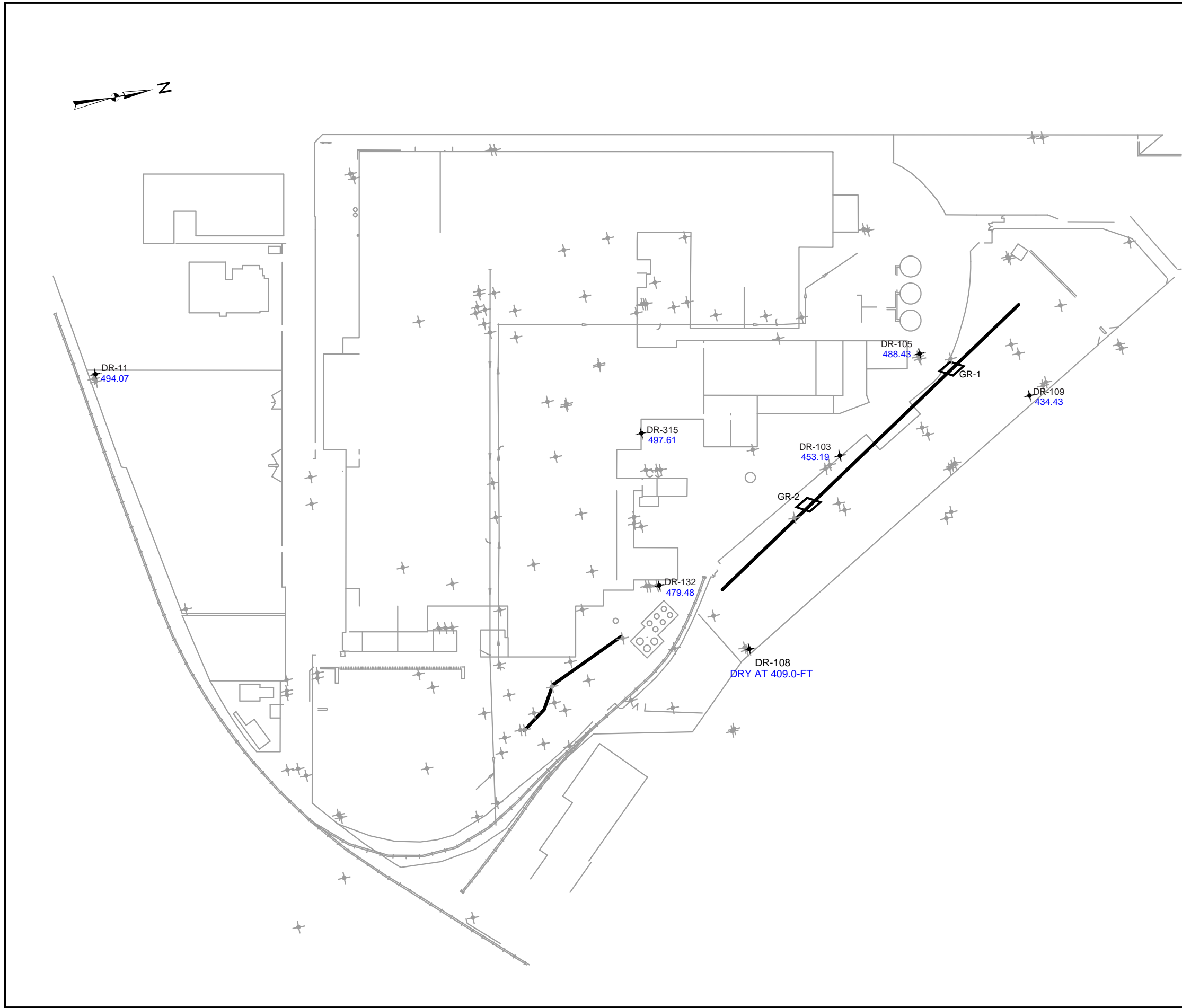SHALLOW BEDROCK AND OVERBURDEN
GROUNDWATER CONTOUR MAP
OCTOBER 2004

UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS

SCALE AS SHOWN   DECEMBER 2004

LEGEND:

R-305 — INTERMEDIATE BEDROCK WELL LOCATION ID
485.60 — GROUNDWATER ELEVATION
9.61 — LNAPL THICKNESS (IN FT.), IF PRESENT

GR-1 — BLASTED BEDROCK TRENCH RECOVERY WELL

—— GROUNDWATER RECOVERY TRENCH

492 — GROUNDWATER CONTOURS 2-FT INTERVAL (DASHED WHERE INFERRED)

↘ INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

1. DEPTH TO GROUNDWATER MEASURED BY FREE-COL LABORATORIES, INC. 18-20 OCTOBER 2004. MIGRATION CONTROL TRENCH RECOVERY WELL GR-2 WAS IN OPERATION DURING THE OCTOBER 2004 SAMPLING EVENT. GRAVEL-FILLED TRENCH PUMPING WELL RW-2 WAS IN OPERATION DURING THE MEASUREMENT PERIOD.

2. CONTOURS CREATED WITH SURFER 8 USING KRIGING ANALYSIS. CONTOURS ARE ADJUSTED AS NECESSARY BY HALEY & ALDRICH OF NEW YORK TO ACCOUNT FOR OTHER KNOWN SITE FEATURES AND CONDITIONS.

3. CONTOURS REFLECT VALUES INTERPOLATED BETWEEN DATA POINTS. ACTUAL VALUES BETWEEN DATA POINTS WILL VARY. CONTOUR INTERVAL IS 2 FEET.

4. DATUM IS MEAN SEA LEVEL (MSL). GROUNDWATER ELEVATIONS EXPESSED IN FEET.

5. ARROWS INDICATE INTERPRETED GROUNDWATER FLOW DIRECTION.

6. REFER TO TEXT FOR ADDITIONAL INFORMATION.

Scale:
0 — 150 — 300 — 600 — 900
Feet

DELPHI CORPORATION
LEXINGTON AVENUE FACILITY RI/FS
ROCHESTER, NEW YORK

HALEY & ALDRICH

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

INTERMEDIATE BEDROCK
GROUNDWATER CONTOUR MAP
OCTOBER 2004

SCALE AS SHOWN   DECEMBER 2004

70014-054 ARCMAP B2
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Well data points:

R-101 500.95
R-3 502.41
R-301 490.74
R-106 486.82
R-110 481.87
R-102 479.87
R-11 504.38
R-105-R 478.77
R-302 485.89
R-109 481.02
R-131 479.85
R-103 479.16
R-107 478.66
R-308 492.85
R-314 480.09
GR-2 / 240 479.43 / 0.34
R-303 476.13
R-309 NM
R-132 483.42
R-236 489.67 / 6.15
R-108 479.71
R-242 489.61
R-235 488.72 / 1.12
R-237 488.97 / 4.84
R-234 487.88
R-239 479.92
R-304 481.61
R-244 487.47 / 0.54
R-238 487.1 / 3.86
R-2 487.17 / 0.85
R-241 486.01 / 2.51
R-306 485.97
R-305 484.62 / 1.42
R-307 487.16

LEGEND:

DR-315 SHALLOW-BEDROCK OR OVERBURDEN WELL LOCATION ID
495.96 GROUNDWATER ELEVATION

BLASTED BEDROCK TRENCH RECOVERY WELL
GR-1

GROUNDWATER RECOVERY TRENCH

NOTES:

1. DEPTH TO GROUNDWATER MEASURED BY FREE-COL LABORATORIES, INC.
   18-20 OCTOBER 2004. MIGRATION CONTROL TRENCH RECOVERY WELL GR-2
   WAS IN OPERATION DURING THE OCTOBER 2004 SAMPLING EVENT.
   GRAVEL-FILLED TRENCH PUMPING WELL RW-2 WAS IN OPERATION
   DURING THE MEASUREMENT PERIOD.

2. DATUM IS MEAN SEA LEVEL (MSL). GROUNDWATER ELEVATIONS EXPESSED
   IN FEET

3. REFER TO TEXT FOR ADDITIONAL INFORMATION.

DR-11
494.07

DR-105
488.43

GR-1

DR-109
434.43

DR-315
497.61

DR-103
453.19

GR-2

DR-132
479.48

DR-108
DRY AT 409.0-FT

0   150   300   600   900

Feet

HALEY & ALDRICH

DELPHI CORPORATION
LEXINGTON AVENUE FACILITY RI/FS
ROCHESTER, NEW YORK

DEEP BEDROCK
GROUNDWATER CONTOUR MAP
OCTOBER 2004

UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS

SCALE AS SHOWN   DECEMBER 2004