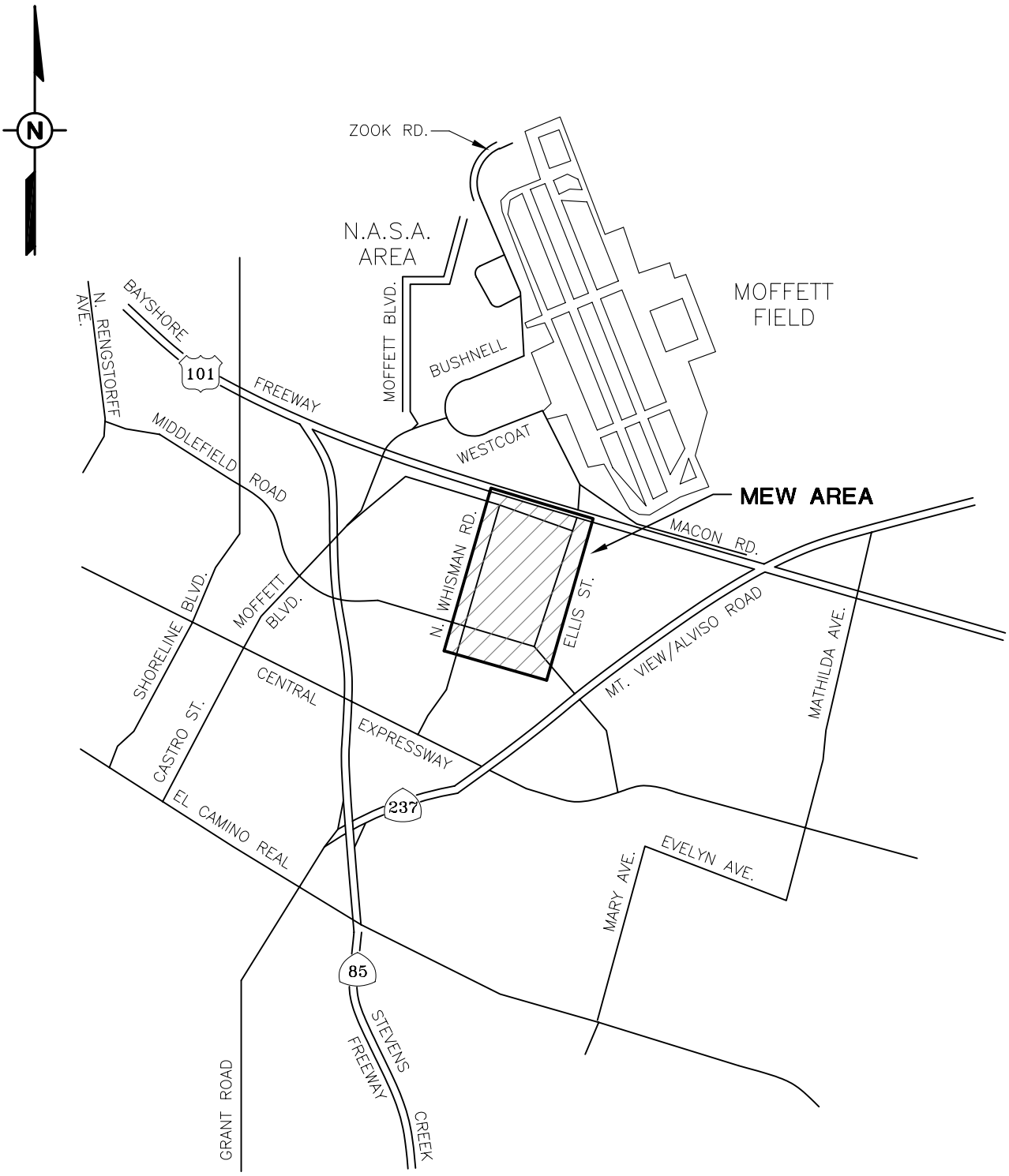
FIGURES



SITE LOCATION MAP
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

FAIRCHILD
SEMICONDUCTOR CORP.

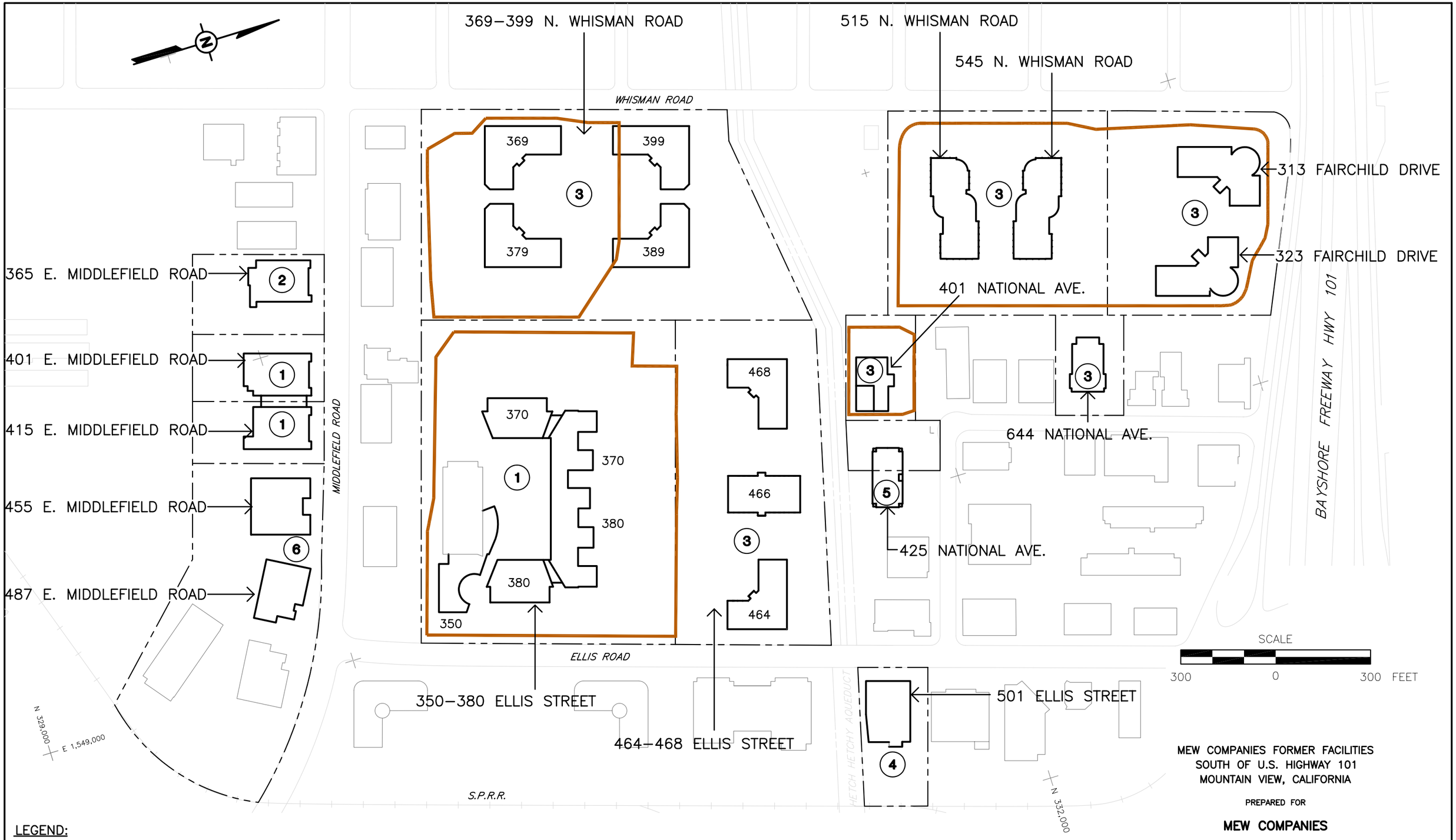
No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
2	7 AUG 06	ISSUED FOR REPORT	VZC	JDR	EHH

Locus TECHNOLOGIES

SCALE: N.T.S.

DRAWING NO. 97-023-A45

FIGURE 2-1



LEGEND:

1. RAYTHEON COMPANY
2. INTEL CORPORATION
3. FAIRCHILD SEMICONDUCTOR CORPORATION
4. NEC ELECTRONICS, INC.
5. SUMITOMO MITSUBISHI SILICON CORPORATION/ VISHAY GENERAL SEMICONDUCTOR, INC.
6. SMI HOLDING LLC

PROPERTY BOUNDARIES

SLURRY WALL

MEW COMPANIES FORMER FACILITIES
SOUTH OF U.S. HIGHWAY 101
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	12 DEC 03	ISSUED FOR REPORT	VZC	WH	

Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B47

FIGURE 2–2

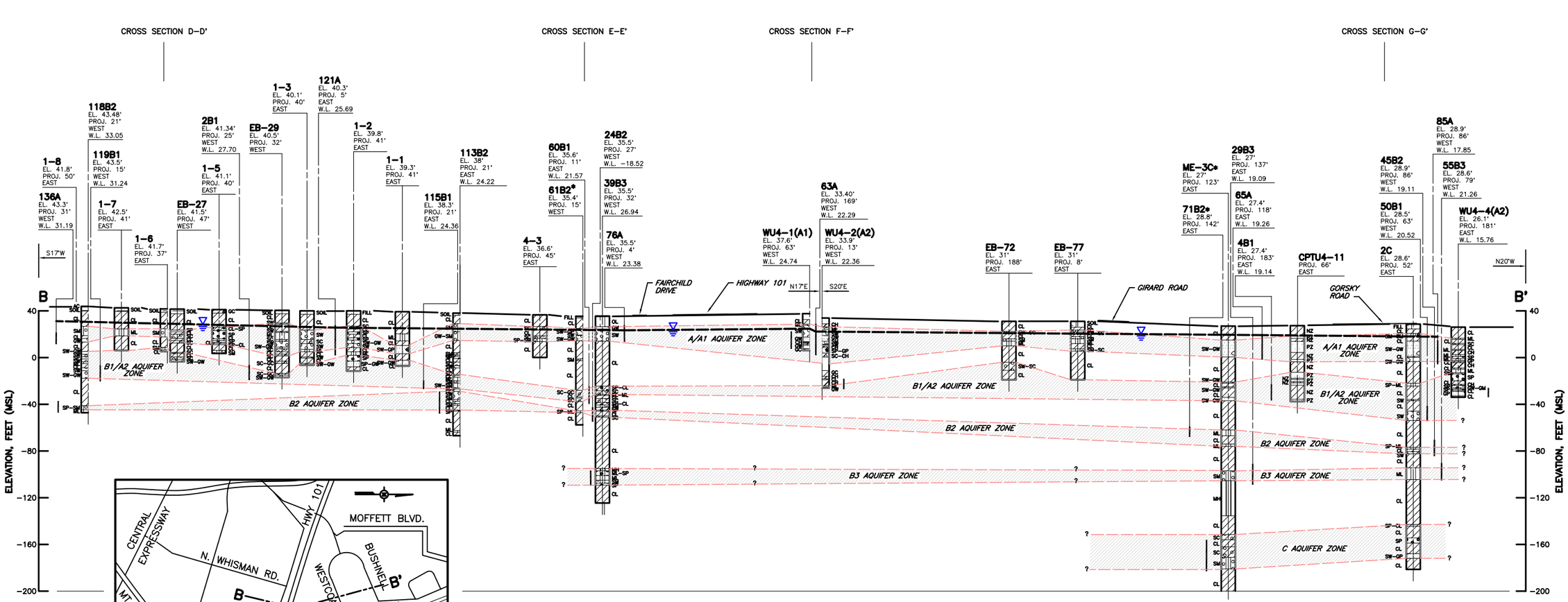
K:\23-007\B47.DWG 12 DEC 03

CROSS SECTION D–D'

CROSS SECTION E–E'

CROSS SECTION F–F'

CROSS SECTION G–G'



CROSS SECTION B–B'

NOTES:

1. CONE PENETRATION TESTS ON MOFFET FIELD WERE PERFORMED BY NAVY CONTRACTORS.
2. CONE PENETRATION TEST LOGS WERE INTERPRETED BY CANONIE AS PERMEABLE OR NONPERMEABLE MATERIALS.
3. CROSS SECTION LOCATION SHOWN ON DRAWING NO. 92–189–E8.
4. WELLS WITH (•) ON NAME WERE SEALED.
5. LITHOLOGIC LOG NOT RECORDED ON WELL WU4–2(A2) BORING LOG FROM 33 TO 50 FEET.
6. THE GRAVEL PACK INTERVALS SHOWN ARE GENERALLY PROJECTED TO THE CROSS SECTIONS. THE GRAVEL PACK INTERVALS DO NOT NECESSARILY CORRESPOND TO THE SOIL BORING SHOWN.
7. THESE CROSS SECTIONS REPRESENT ONE INTERPRETATION OF THE LIMITED GEOLOGIC DATA AVAILABLE. OTHER INTERPRETATIONS OF THE DATA ARE POSSIBLE. AS MORE DATA ARE GATHERED AND STUDIED, THE INTERPRETATION MAY CHANGE.
8. W.L. = WATER LEVELS MEASURED ON 22 FEBRUARY 2001.

LEGEND:

- CH – CLAY
- CL – CLAY
- MH – FINE SANDY OR SILTY SOILS
- ML – CLAYEY SILT OR SILTY OR CLAYEY SANDS
- GC – CLAYEY GRAVEL
- GM – SILTY GRAVEL
- GP – POORLY GRADED GRAVEL
- GW – WELL–GRADED GRAVEL
- ESTIMATED PIEZOMETRIC SURFACE IN THE "A/A1" AQUIFER ON 22 FEBRUARY 2001
- SC – CLAYEY SAND
- SM – SILTY SAND
- SP – POORLY GRADED SAND
- SW – WELL–GRADED SAND
- NZ – NONPERMEABLE ZONE
- OL – ORGANIC SILTS AND ORGANIC SILTY CLAYS
- PZ – PERMEABLE ZONE
- LITHOLOGIC LOG
- WELL GRAVEL PACK INTERVAL

VERTICAL SCALE
40 0 40 80 FEET

HORIZONTAL SCALE
100 0 100 200 FEET

CROSS SECTION B–B'
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

INTEL CORPORATION AND RAYTHEON COMPANY

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
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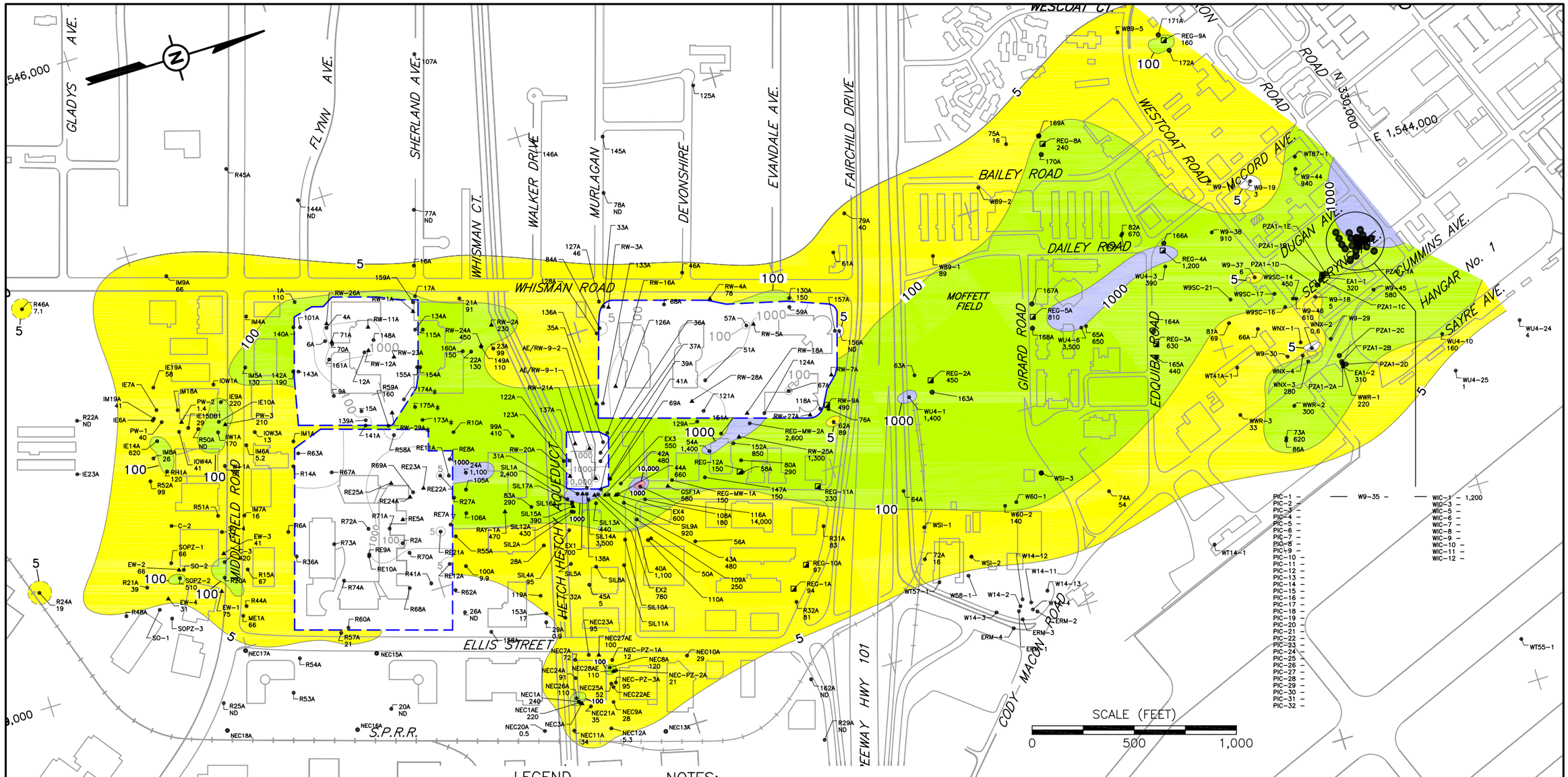
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 92-189-E17

FIGURE 2–3

K:\92–189\E17.DWG 7 AUG 06



REFERENCE:

1. WEISS ASSOCIATES,
   2005 ANNUAL PROGRESS REPORT
   MEW STUDY AREA
   MOUNTAIN VIEW, CA

LEGEND

- RW-3A / 16 — WELL ID / TCE CONCENTRATION (µg/L)
- 106A — WELL ID (WELL NOT ON MONITORING PROGRAM)
- REGIONAL RECOVERY WELL
- SOURCE CONTROL RECOVERY WELL
- LOCATION APPROXIMATE
- SLURRY WALL
- 5 — ESTIMATED TCE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED; QUERIED WHERE UNCERTAIN)
- ND — NOT DETECTED AT OR ABOVE A REPORTING LIMIT OF 0.5 ng/L
- NS — NOT SAMPLED

NOTES:

1. TCE ISOCONCENTRATION CONTOURS ARE ESTIMATED USING ACCEPTED INDUSTRY PRACTICES & PROFESSIONAL JUDGEMENT. DATA ARE CONTOURED USING STATISTICAL SOFTWARE; EXPONENTIAL VARIOGRAM MODEL AND KRIGING APPLIED TO LOG TRANSFORMED DATA.
2. SAMPLES WERE NOT COLLECTED WITHIN FAIRCHILD SLURRY WALLS THIS REPORTING PERIOD. CONTOURS FROM 2002 SHOWN ON MAP.
3. SAMPLES WERE NOT COLLECTED WITHIN THE RAYTHEON SLURRY WALLS THIS REPORTING PERIOD. CONTOURS FROM 2003 SHOWN ON MAP.
4. IN CASE OF DUPLICATE SAMPLES COLLECTED ON THE SAME DAY, THE HIGHER CONCENTRATION IS USED.
5. IN CASE OF MULTIPLE SAMPLES COLLECTED DURING THIS REPORTING PERIOD, THE MOST RECENT SAMPLE IS USED.
6. ND RESULTS CONTOURED USING A VALUE OF 1/2 THE DETECTION LIMIT.

TCE CONCENTRATIONS 2005–2006
A/A1 AQUIFER SOUTH
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

FAIRCHILD
SEMICONDUCTOR CORP.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	24 APR 06	ISSUED FOR REPORT	VZC	CNN	JDR

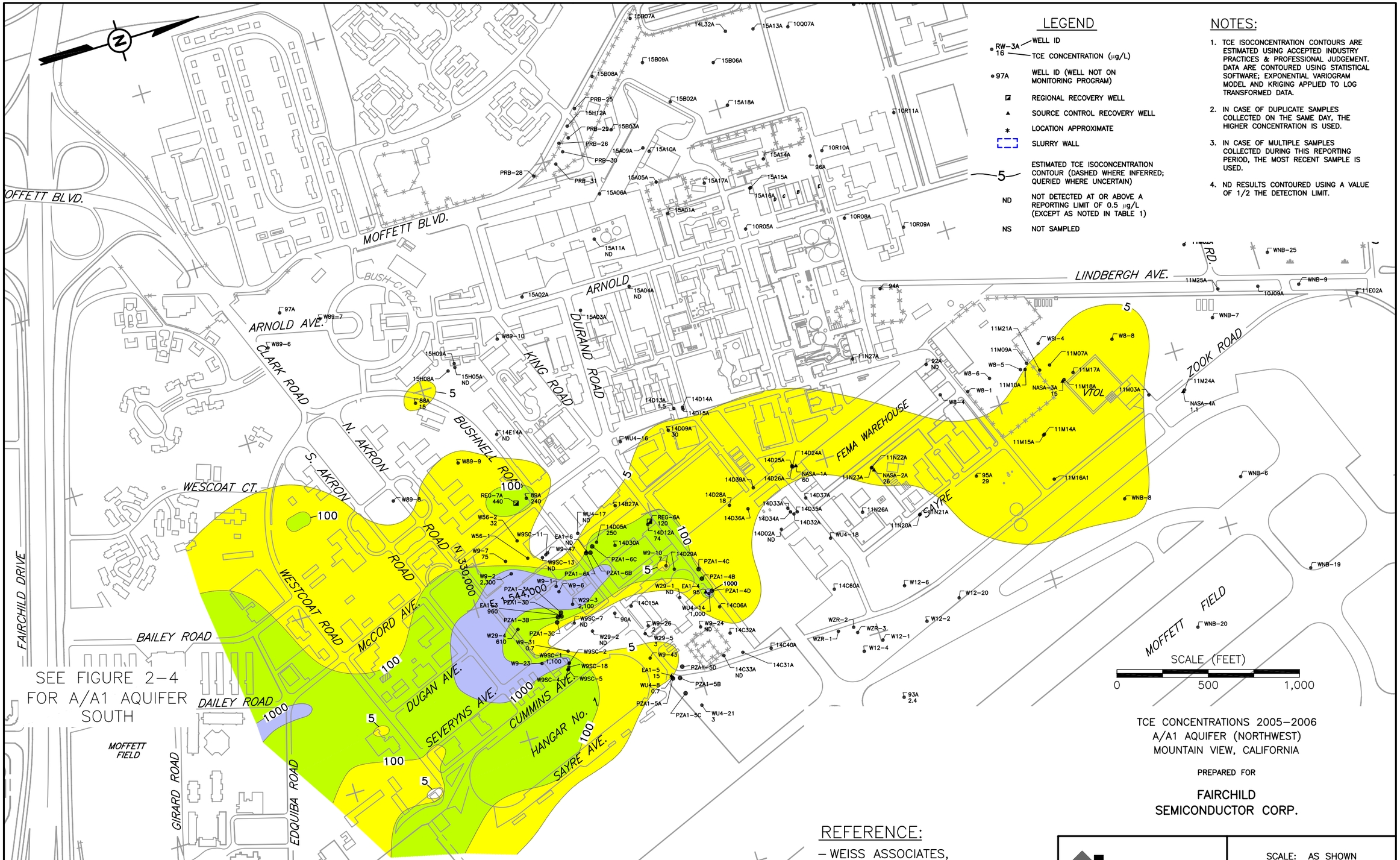
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B129

FIGURE 2–4

K:\23-007\B129.DWG 7 AUG 06



LEGEND

- RW-3A / 16 — WELL ID / TCE CONCENTRATION (µg/L)
- 97A — WELL ID (WELL NOT ON MONITORING PROGRAM)
- REGIONAL RECOVERY WELL
- SOURCE CONTROL RECOVERY WELL
- LOCATION APPROXIMATE
- SLURRY WALL
- 5 — ESTIMATED TCE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED; QUERIED WHERE UNCERTAIN)
- ND — NOT DETECTED AT OR ABOVE A REPORTING LIMIT OF 0.5 µg/L (EXCEPT AS NOTED IN TABLE 1)
- NS — NOT SAMPLED

NOTES:

1. TCE ISOCONCENTRATION CONTOURS ARE ESTIMATED USING ACCEPTED INDUSTRY PRACTICES & PROFESSIONAL JUDGEMENT. DATA ARE CONTOURED USING STATISTICAL SOFTWARE; EXPONENTIAL VARIOGRAM MODEL AND KRIGING APPLIED TO LOG TRANSFORMED DATA.
2. IN CASE OF DUPLICATE SAMPLES COLLECTED ON THE SAME DAY, THE HIGHER CONCENTRATION IS USED.
3. IN CASE OF MULTIPLE SAMPLES COLLECTED DURING THIS REPORTING PERIOD, THE MOST RECENT SAMPLE IS USED.
4. ND RESULTS CONTOURED USING A VALUE OF 1/2 THE DETECTION LIMIT.

TCE CONCENTRATIONS 2005–2006
A/A1 AQUIFER (NORTHWEST)
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

FAIRCHILD SEMICONDUCTOR CORP.

REFERENCE:

– WEISS ASSOCIATES, 2005 ANNUAL PROGRESS REPORT MEW STUDY AREA MOUNTAIN VIEW, CA

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	24 APR 06	ISSUED FOR REPORT	VZC	JDR	EHH

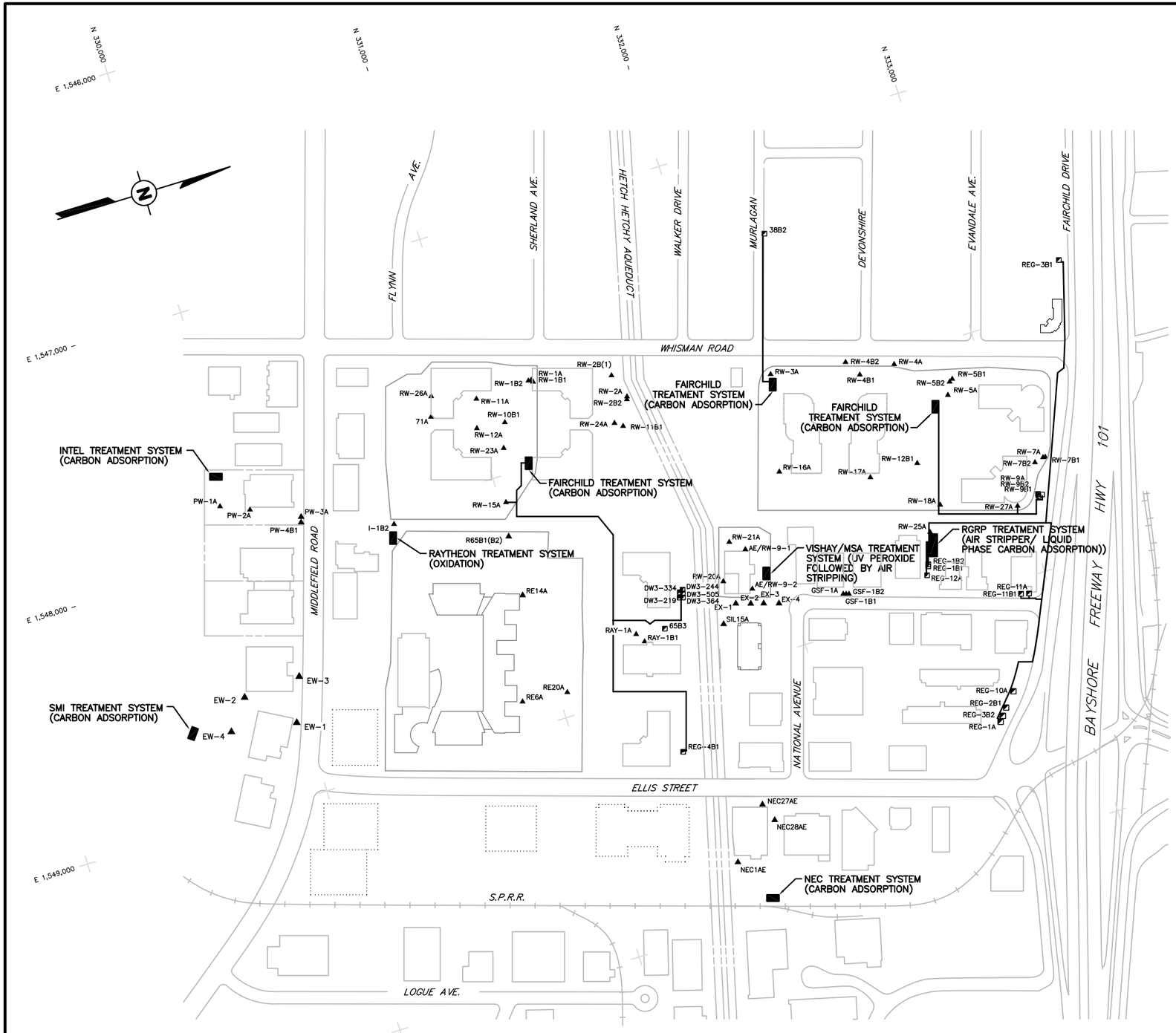
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B130

FIGURE 2-5

K:\23-007\E130.DWG 7 AUG 06



LEGEND:

- ▲ RW-4A — SOURCE CONTROL RECOVERY WELL
- ◩ REG-1A — MEW REGIONAL RECOVERY WELL
- ▬ TREATMENT SYSTEM
- SLURRY WALL
- RECOVERY PIPING FOR REGIONAL WELLS
- ..... FORMER BUILDING FOOTPRINTS

LOCATION OF RRWs, SCRWs, AND GROUNDWATER TREATMENT SYSTEMS
MIDDLEFIELD–ELLIS–WHISMAN SITE
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

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Locus TECHNOLOGIES

SCALE: 200 0 200 400 FEET

DRAWING NO. 23-016-E30

FIGURE 2–6

K:\23-016\E30.DWG 31 JULY 03

STEVENS CREEK OUTFALL CONSTRUCTION DETAILS
SEE DWG. NO. 97-185-E72

LEGEND:

- CONVEYANCE PIPING
- DISCHARGE PIPING
- REUSE VAULT
- REG-9A — REGIONAL RECOVERY WELL
- EAI-2 — SOURCE CONTROL RECOVERY WELL

NOTES:

1. DETAIL PLAN AND ELEVATION VIEWS FOR THE GROUND WATER CONVEYANCE PIPELINES ARE SHOWN ON THE FOLLOWING DRAWINGS:

PIPELINE	DRAWING NUMBERS
"A"	97-185-E62, E76
"B"	97-185-E65, E21, E76
"C"	97-185-E63, E64
"E"	97-185-E66, E64
"F"	97-185-E64, E66, E80, E81, E82, E83
"F1"	97-185-E84
"G"	97-185-E77
"J", "H"	97-185-E78
"K"	97-185-E120

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
4	7 AUG 06	ISSUED FOR REPORT	VZC	JDR	EHH

REGIONAL RECOVERY WELLS, CONVEYANCE PIPELINES AND TREATMENT SYSTEM LOCATION REGIONAL GROUND WATER REMEDIATION PROGRAM NORTH OF U.S. HIGHWAY 101 MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

INTEL CORPORATION AND RAYTHEON COMPANY

Locus TECHNOLOGIES

SCALE 300 0 300 600 FEET

DRAWING NO. 97-185-E99

FIGURE 2-7

K:\97-185\E99.DWG 11-20-98

JAMES DR.

KITTOE DRIVE

N 330,000

E 1,547,000

FLYNN AVE.

SHERLAND AVE.

WALKER DRIVE

DORCHESTER DRIVE

MURLAGAN

DEVONSHIRE

LAMBERT WAY

EVANDALE AVE.

FAIRCHILD DRIVE

WHISMAN ROAD

MIDDLEFIELD ROAD

ELLIS ROAD

S.P.R.R.

LOGUE AVE.

HETCH HETCHY AQUEDUCT

BAYSHORE FREEWAY HWY 101

LEGEND:

1. RAYTHEON COMPANY
2. INTEL CORPORATION
3. FAIRCHILD SEMICONDUCTOR CORPORATION
4. NEC ELECTRONICS, INC.
5. SUMITOMO MITSUBISHI SILICON CORPORATION/ VISHAY GENERAL SEMICONDUCTOR, INC.
6. SMI HOLDING LLC

AREAS OF EXCAVATION

AREA REMEDIATED BY SOIL VAPOR EXTRACTION

NOTES:

1. NO SOIL REMEDIATION WAS PERFORMED FOR THE REGIONAL PROGRAM NORTH OF U.S. HIGHWAY 101.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	6 JAN 04	ISSUED FOR REPORT	VZC	JDR	EHH

LOCATION OF SOIL CLEANUP ACTIVITIES
MEW FACILITIES
SOUTH OF U.S. HIGHWAY 101
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

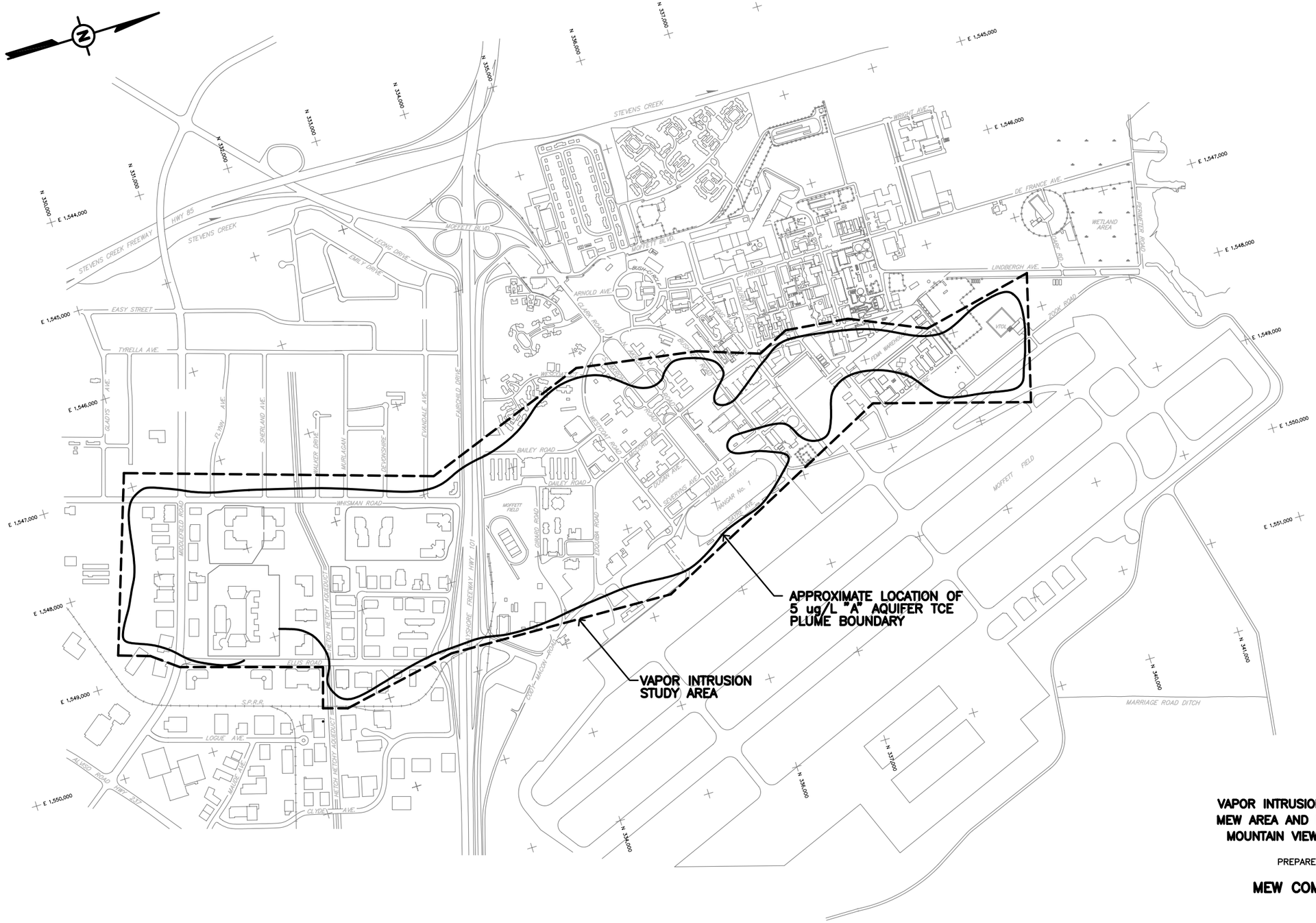
Locus TECHNOLOGIES

SCALE
160 0 160 320 FEET

DRAWING NO. 23-007-E4

FIGURE 2-8

K:\23-007\E4.DWG 1 APR 03



VAPOR INTRUSION STUDY AREA
MEW AREA AND MOFFETT FIELD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

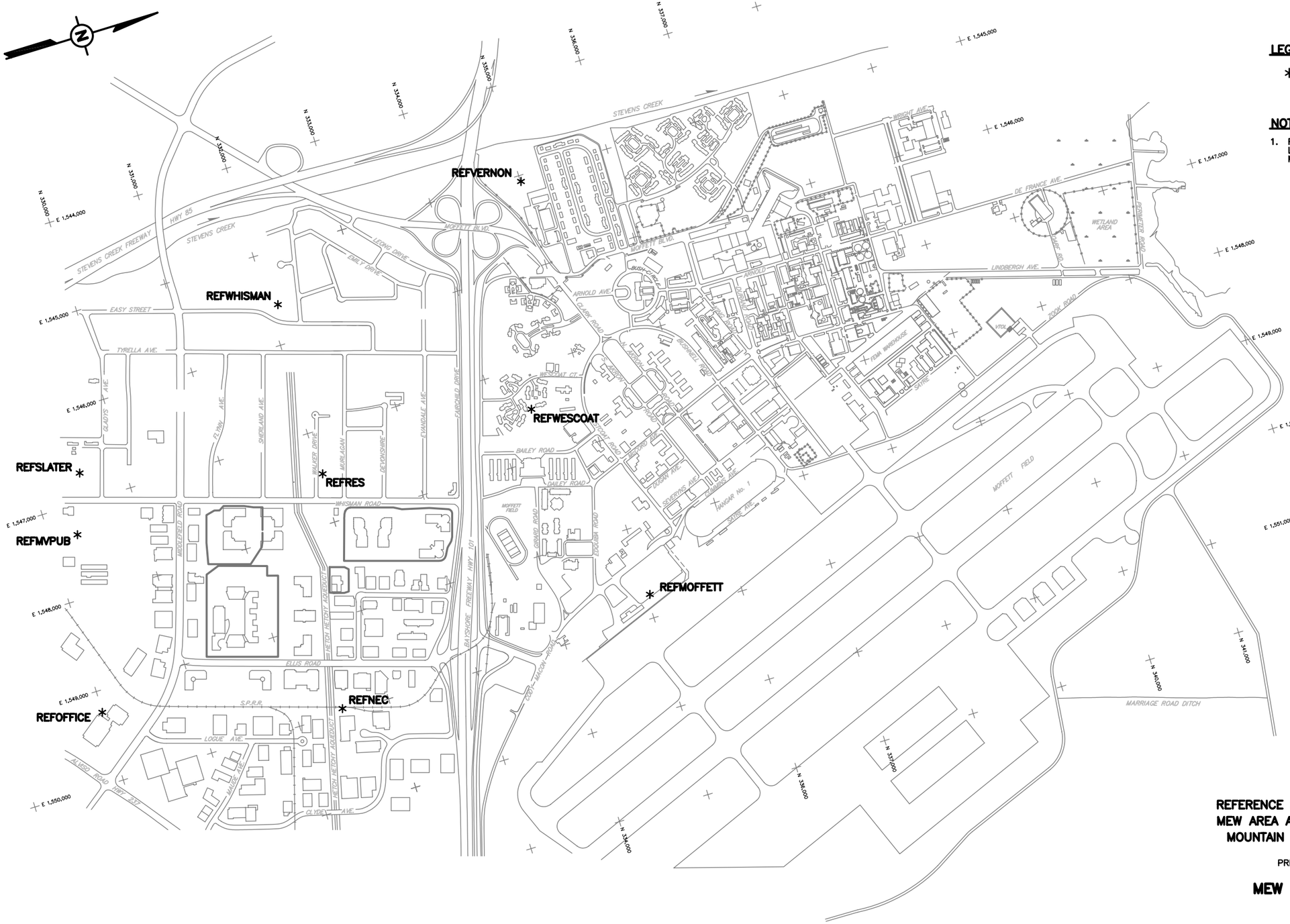
Locus TECHNOLOGIES

SCALE
500 0 500 1000 FEET

DRAWING NO. 23-007-E131

FIGURE 3-1

K:\23-007\E131.DWG 14 AUG 06



LEGEND:

* REFRES REFERENCE SAMPLE LOCATION

NOTES:

1. REFERENCE SAMPLE LOCATIONS WERE LOCATED 0.25–1 MILES FROM THE MEW SITE.

REFERENCE SAMPLE LOCATIONS
MEW AREA AND MOFFETT FIELD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

Locus TECHNOLOGIES

SCALE
500 0 500 1000 FEET

DRAWING NO. 23-007-E127

FIGURE 4–1

K:\23-007\E127.DWG 27 JUL 06

LEGEND:

● BACKGROUND SAMPLE LOCATION

BACKGROUND SAMPLE LOCATIONS

PREPARED FOR

MEW COMPANIES

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1	11 AUG 06	ISSUED FOR REPORT	VZC	EHH	EHH

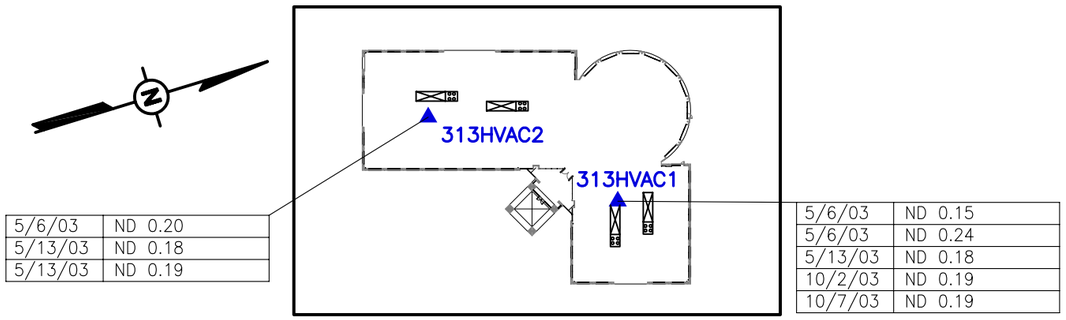
Locus TECHNOLOGIES

SCALE: N T S

DRAWING NO. 23-007-A131

FIGURE 4-2

K:\23-007\A131.DWG 11 AUG 06



5/6/03	ND 0.20
5/13/03	ND 0.18
5/13/03	ND 0.19

5/6/03	ND 0.15
5/6/03	ND 0.24
5/13/03	ND 0.18
10/2/03	ND 0.19
10/7/03	ND 0.19

APPROXIMATE LOCATION OF HVAC SYSTEM

LEGEND:

313AMB1 — AMBIENT AIR SAMPLE

313PATH1 — PATHWAY AIR SAMPLE

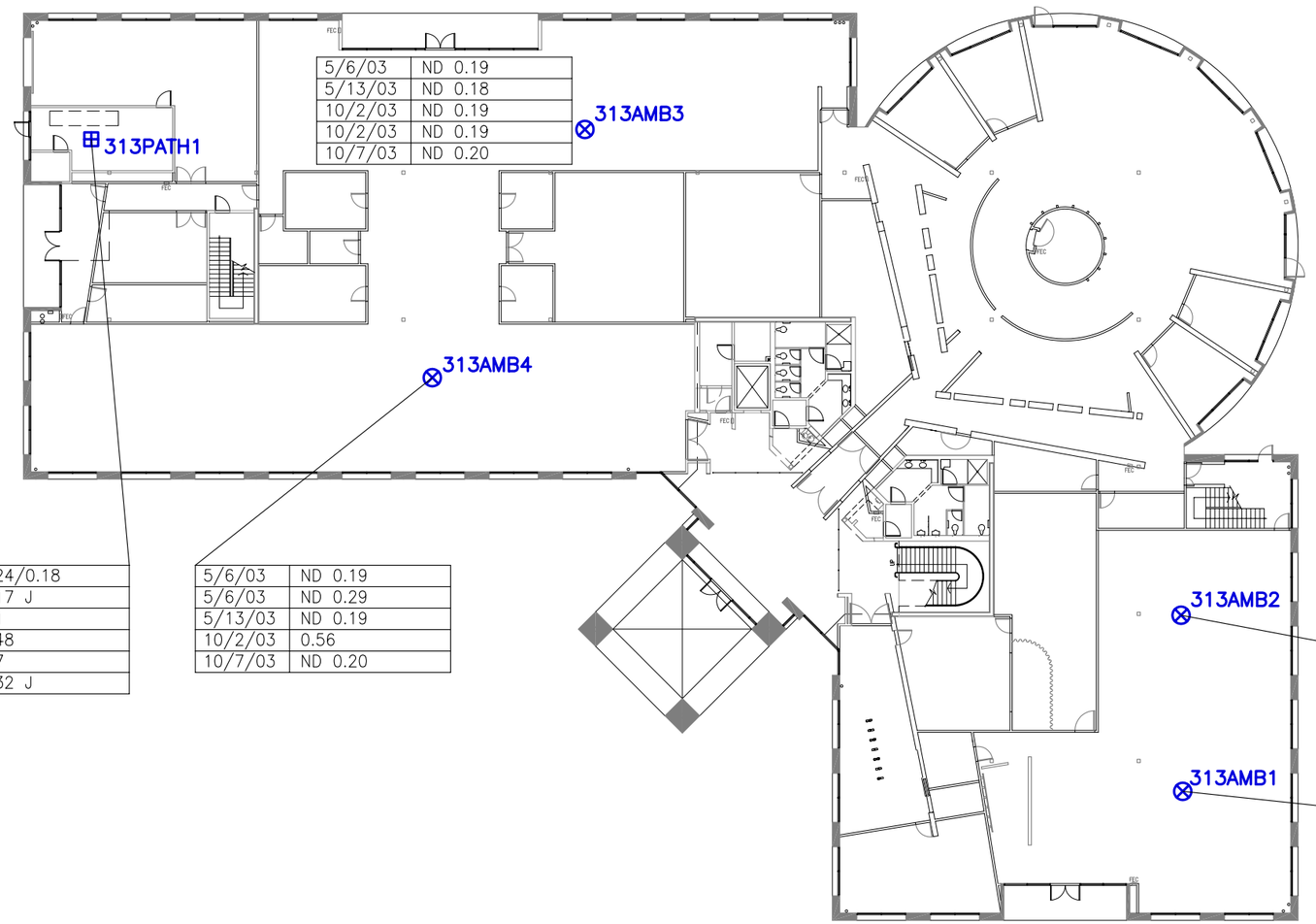
313HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.



5/6/03	ND 0.19
5/13/03	ND 0.18
10/2/03	ND 0.19
10/2/03	ND 0.19
10/7/03	ND 0.20

5/6/03	0.24/0.18
5/6/03	0.17 J
5/13/03	3.1
10/2/03	0.48
10/2/03	0.7
10/7/03	0.32 J

5/6/03	ND 0.19
5/6/03	ND 0.29
5/13/03	ND 0.19
10/2/03	0.56
10/7/03	ND 0.20

5/6/03	ND 0.19
5/13/03	ND 0.18
10/2/03	ND 0.18
10/7/03	ND 0.19

5/6/03	ND 0.19
5/13/03	ND 0.18
10/2/03	ND 0.18
10/7/03	ND 0.19

SCALE

30 0 30 FEET

TCE CONCENTRATIONS
313 FAIRCHILD DRIVE
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	RP/VZC	CC	JDR

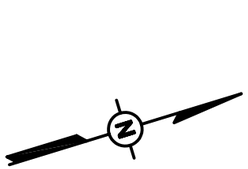
Locus TECHNOLOGIES

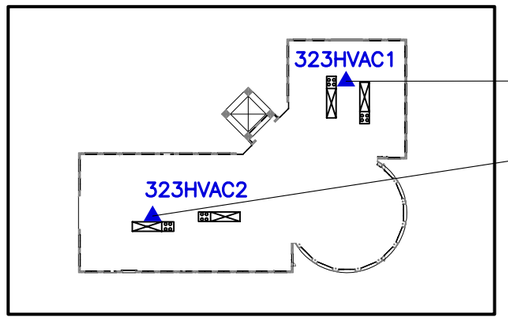
SCALE: AS SHOWN

DRAWING NO. 23-007-B94

FIGURE 4-3

K:\23-007\B94.DWG 14 JUL 06



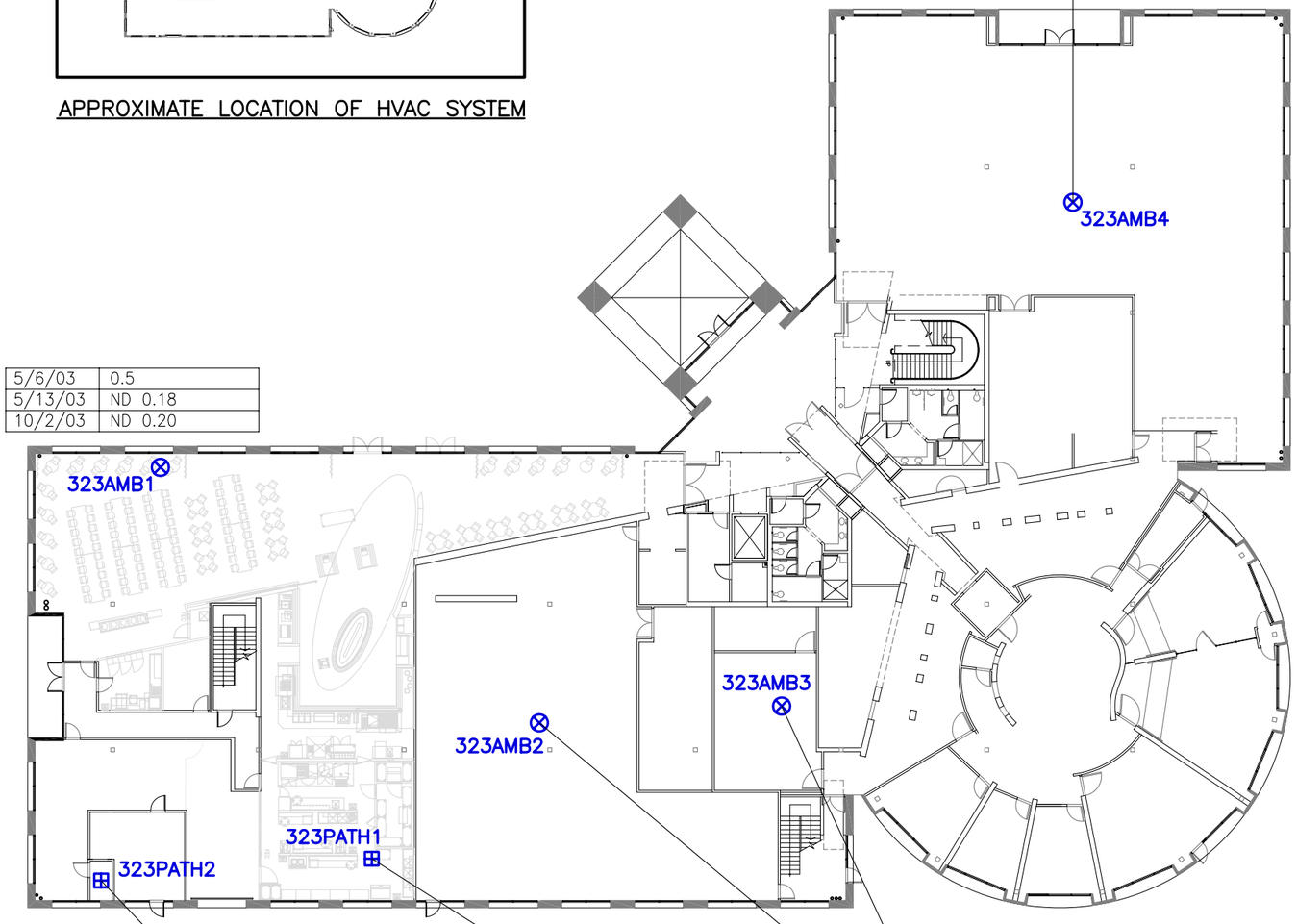


APPROXIMATE LOCATION OF HVAC SYSTEM

5/6/03	ND 0.18
5/13/03	ND 0.18

5/6/03	ND 0.17
5/13/03	ND 0.18

5/6/03	ND 0.18
5/6/03	ND 0.18
5/13/03	ND 0.19
5/13/03	ND 0.19
5/13/03	ND 0.29
10/2/03	ND 0.19
10/7/03	ND 0.20



5/6/03	0.5
5/13/03	ND 0.18
10/2/03	ND 0.20

5/6/03	ND 0.19
5/6/03	ND 0.19
5/6/03	ND 0.37
5/13/03	0.72
5/13/03	ND 0.29
10/2/03	ND 0.19

5/6/03	ND 0.19
5/13/03	ND 0.18

5/6/03	ND 0.18
5/13/03	ND 0.18
10/2/03	ND 0.20
10/7/03	ND 0.19
10/7/03	ND 0.19

5/6/03	0.24
5/13/03	ND 0.18/ND 0.18
5/13/03	ND 0.18
10/2/03	ND 0.19
10/7/03	0.19 J

LEGEND:

- 323AMB1 — AMBIENT AIR SAMPLE
- 323PATH1 — PATHWAY AIR SAMPLE
- 323HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18
- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.

SCALE

30 0 30 FEET

TCE CONCENTRATIONS
323 FAIRCHILD DRIVE
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	RP/VZC	CC	JDR

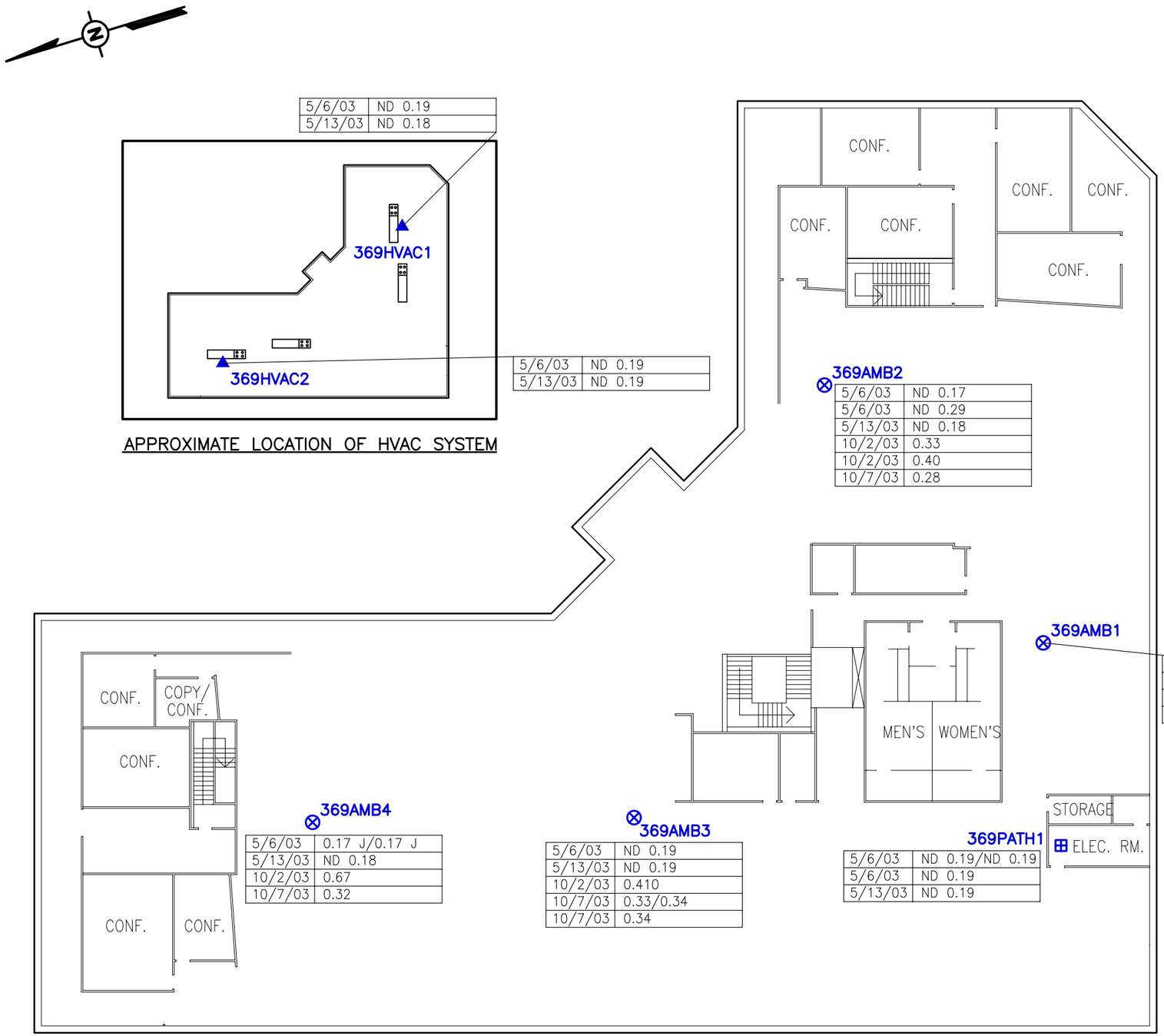
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B95

FIGURE 4-4

K:\23-007\B95.DWG 14 JUL 06



LEGEND:

- ⊗ 369AMB1 — AMBIENT AIR SAMPLE
- ⊞ 369PATH1 — PATHWAY AIR SAMPLE
- ▲ 369HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.

SCALE

25 0 25 FEET

TCE CONCENTRATIONS
369 N. WHISMAN ROAD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	RP/VZC	CC	JDR

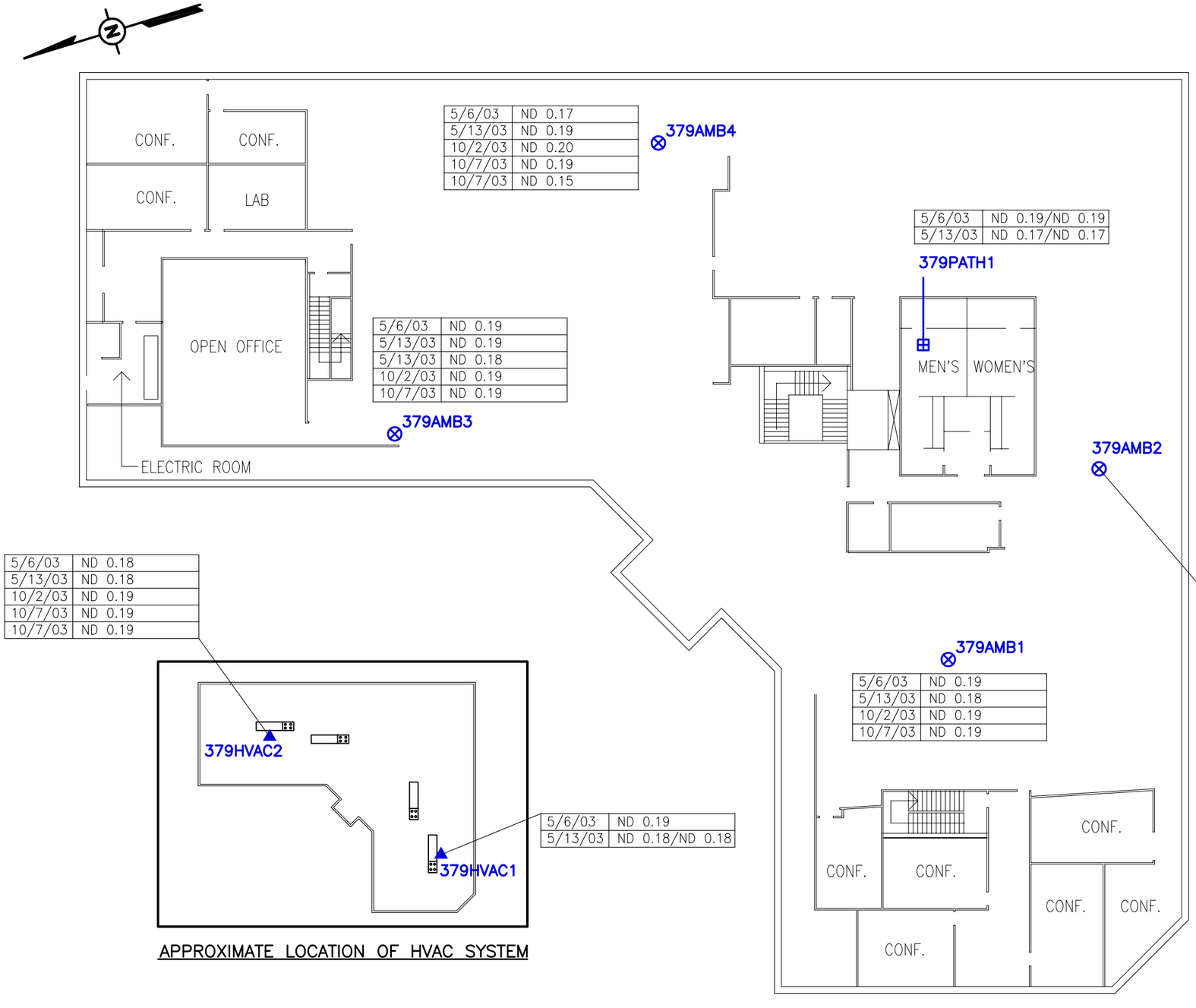
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B87

FIGURE 4–5

K:\23–007\B23.DWG 3 APR 03



APPROXIMATE LOCATION OF HVAC SYSTEM

LEGEND:

379AMB1 — AMBIENT AIR SAMPLE

379PATH1 — PATHWAY AIR SAMPLE

379HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

5/6/03 ND 0.19
5/6/03 ND 0.29
5/13/03 ND 0.19/ND 0.19
10/2/03 ND 0.17
10/7/03 0.19 J

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.

SCALE

25 0 25 FEET

TCE CONCENTRATIONS
379 N. WHISMAN ROAD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	RP/VZC	CC	JDR

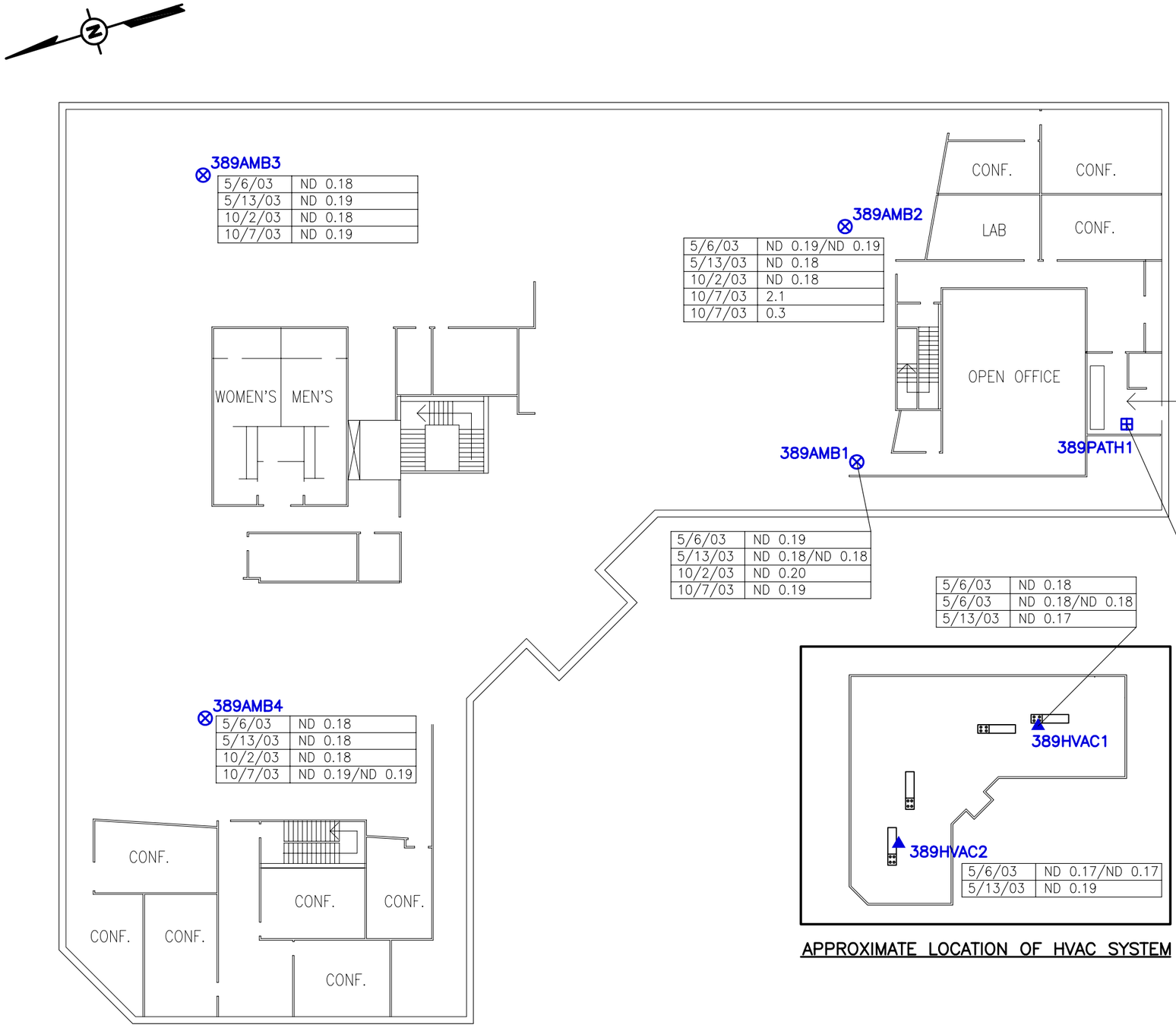
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B85

FIGURE 4–6

K:\23-007\B85.DWG 14 JUL 06



APPROXIMATE LOCATION OF HVAC SYSTEM

LEGEND:

- 389AMB1 — AMBIENT AIR SAMPLE
- 389PATH1 — PATHWAY AIR SAMPLE
- 389HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

5/6/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.

SCALE

25 0 25 FEET

TCE CONCENTRATIONS
389 N. WHISMAN ROAD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

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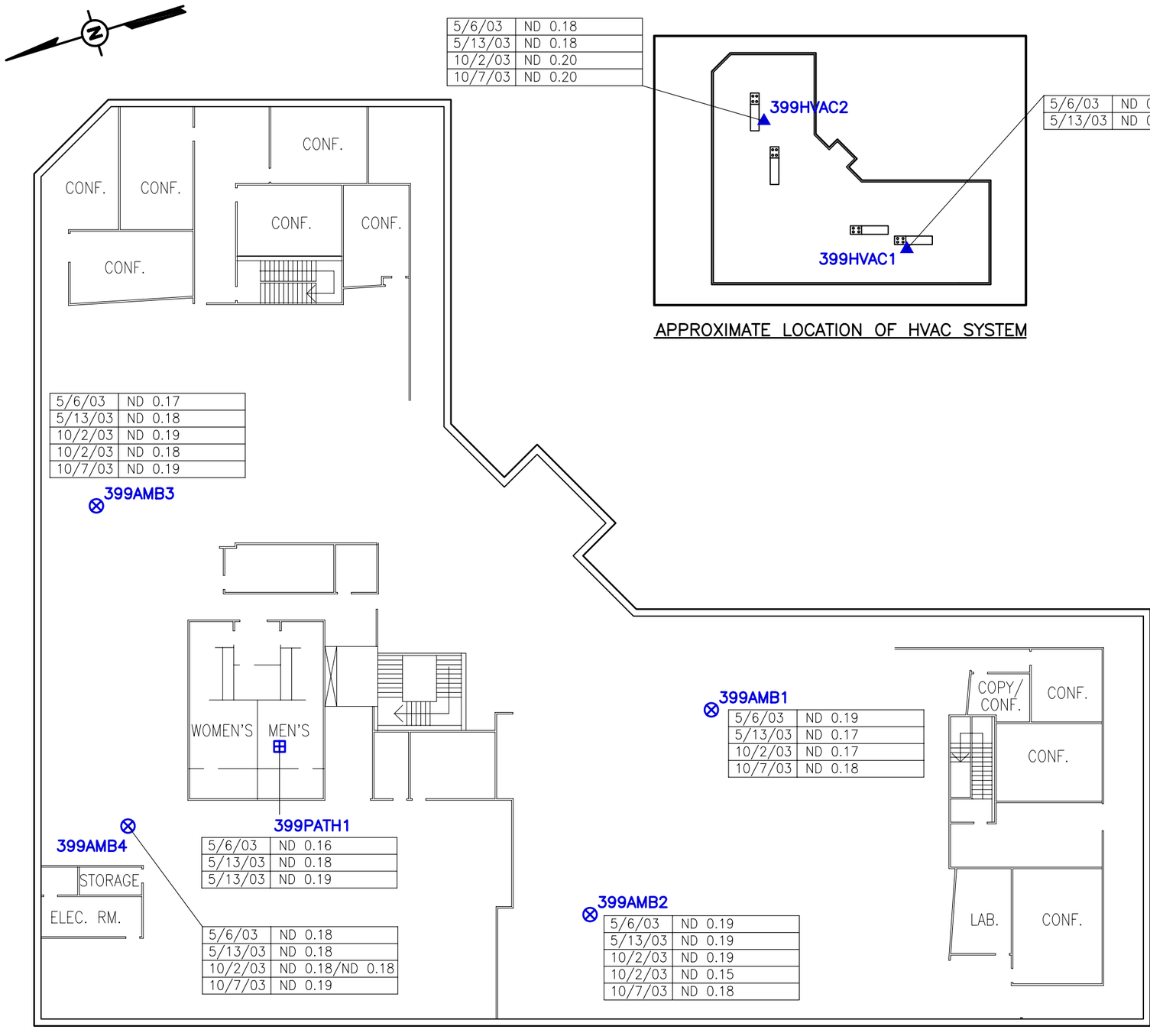
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B99

FIGURE 4–7

K:\23-007\B99.DWG 14 JUL 06



LEGEND:

- 399AMB1 — AMBIENT AIR SAMPLE
- 399PATH1 — PATHWAY AIR SAMPLE
- 399HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.

SCALE

25 0 25 FEET

TCE CONCENTRATIONS
399 N. WHISMAN ROAD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

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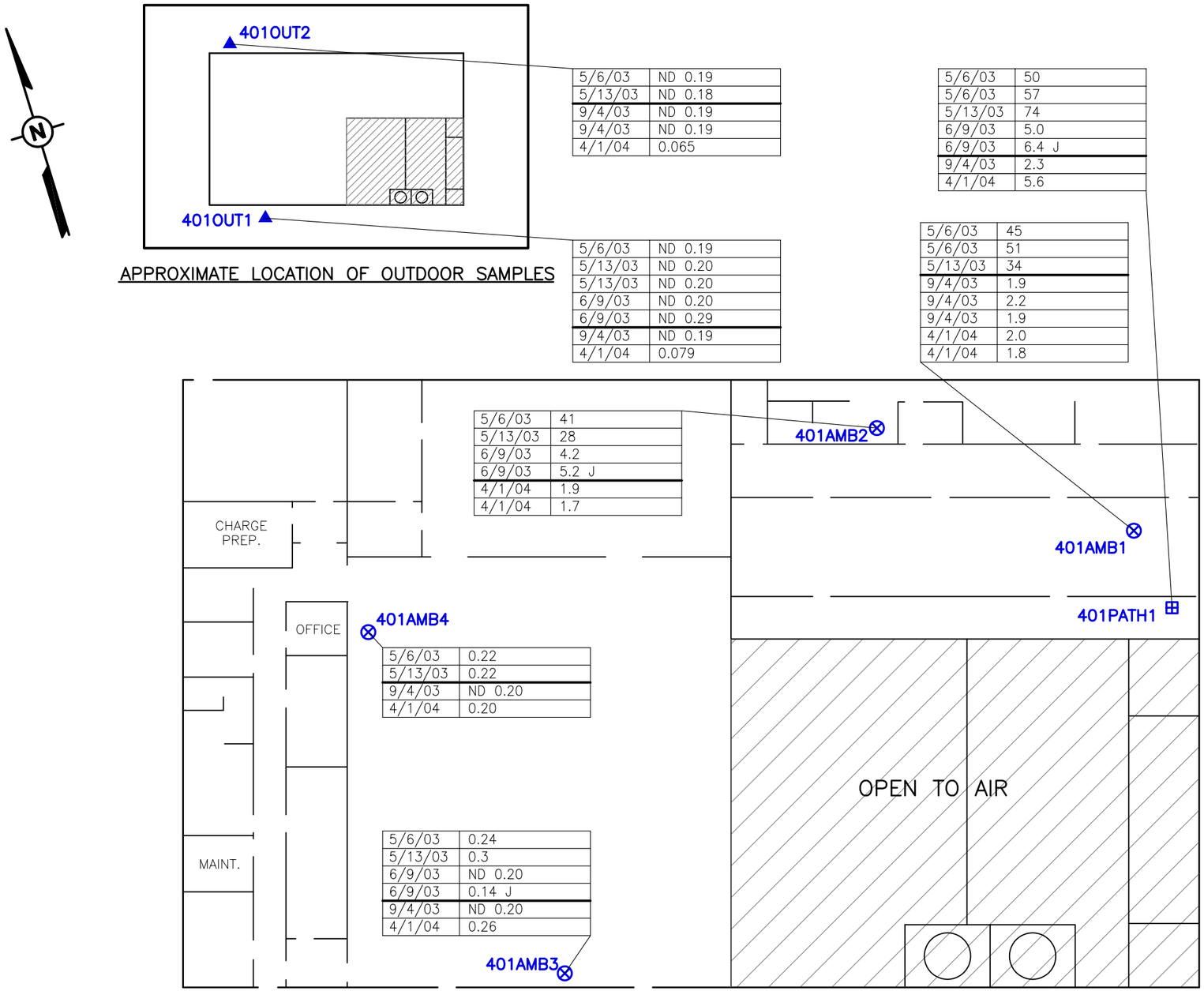
SCALE: AS SHOWN

DRAWING NO. 23-007-B86

FIGURE 4–8

K:\23-007\B86.DWG 12 JUL 06



LEGEND:

401AMB1 — AMBIENT AIR SAMPLE

401PATH1 — PATHWAY AIR SAMPLE

401OUT1 — OUTDOOR AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. THE HVAC SYSTEM DOES NOT OPERATE AT THIS BUILDING. THEREFORE TWO OUTDOOR SAMPLES OUTSIDE THE BUILDING WERE COLLECTED AT 5 FEET ABOVE GROUND LEVEL.
2. ALL RESULTS IN ug/m^3.
3. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.
4. MITIGATIONS MEASURES INCLUDED SEALING OF OPEN CONDUITS AND INSTALLATION/ OPERATION OF AN EXHAUST SYSTEM IN THE UTILITY ROOM. SAMPLES COLLECTED IN SEPTEMBER 2003 AND APRIL 2004 ARE AFTER IMPLEMENTATION OF MITIGATION MEASURES.

APPROXIMATE SCALE

20 0 20 FEET

TCE CONCENTRATIONS
401 NATIONAL AVENUE
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
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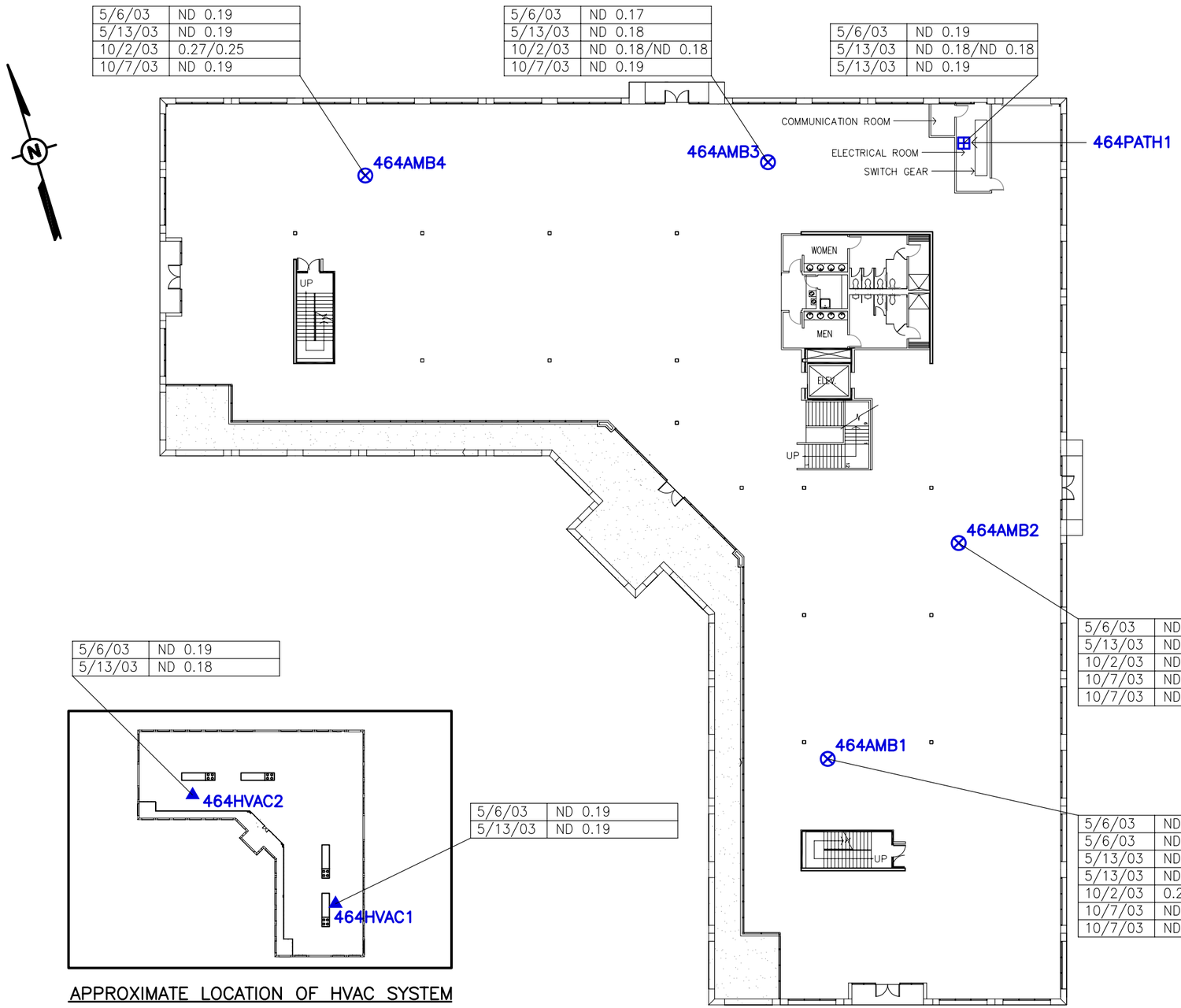
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B96

FIGURE 4-9

K:\23-007\B96.DWG 14 JUL 06



APPROXIMATE LOCATION OF HVAC SYSTEM

LEGEND:

- ⊗ 464AMB1 — AMBIENT AIR SAMPLE
- ⊞ 464PATH1 — PATHWAY AIR SAMPLE
- ▲ 464HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN.

SCALE

30 0 30 FEET

TCE CONCENTRATIONS
464 ELLIS STREET
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

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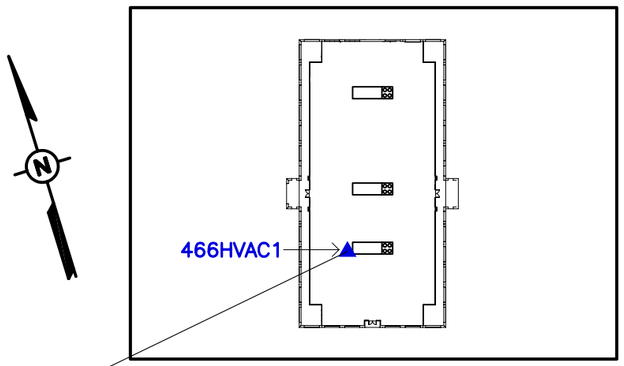
Locus TECHNOLOGIES

SCALE : AS SHOWN

DRAWING NO. 23-007-B91

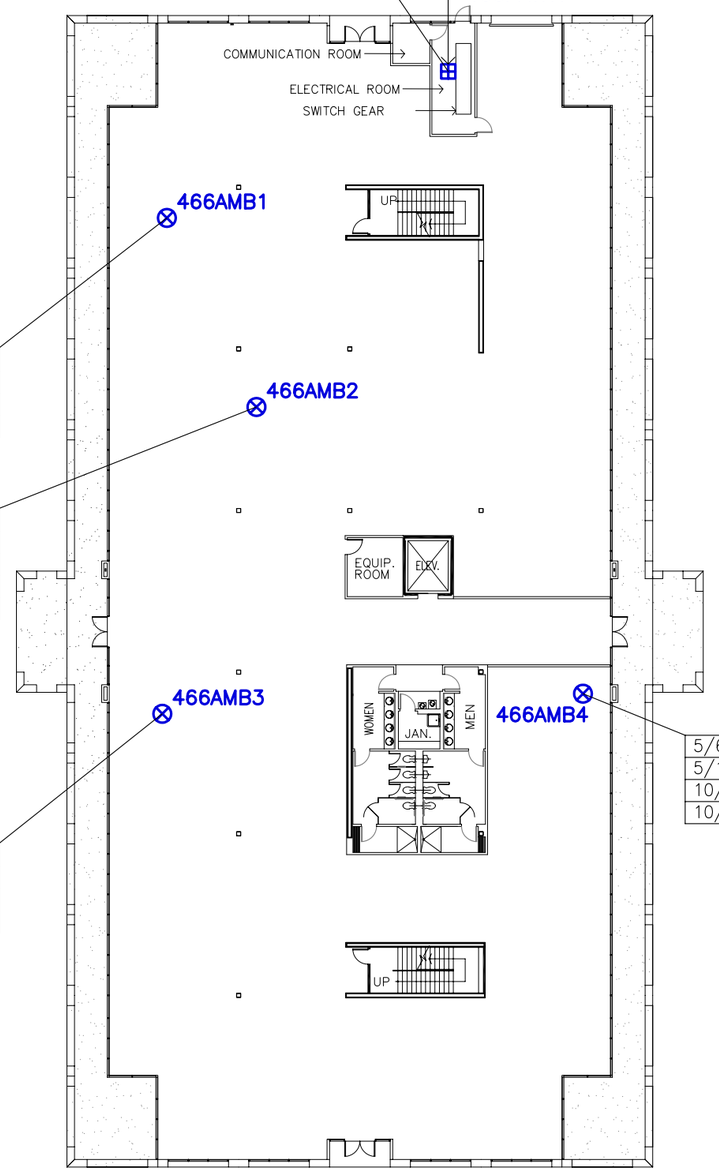
FIGURE 4-10

K:\23-007\B91.DWG 14 JUL 06



APPROXIMATE LOCATION OF HVAC SYSTEM

5/6/03	ND 0.15
5/6/03	ND 0.19
5/13/03	ND 0.18
10/2/03	ND 0.18
10/2/03	ND 0.18
10/7/03	ND 0.19



5/6/03	ND 0.19
5/13/03	ND 0.18

5/6/03	ND 0.19
5/13/03	ND 0.18
10/2/03	ND 0.20
10/7/03	ND 0.19

5/6/03	ND 0.18
5/13/03	ND 0.19
10/2/03	ND 0.18
10/7/03	ND 0.19
10/7/03	0.21 J

5/6/03	ND 0.19
5/13/03	ND 0.18
10/2/03	ND 0.19
10/7/03	ND 0.19

5/6/03	ND 0.19
5/13/03	ND 0.18
10/2/03	ND 0.19
10/7/03	ND 0.19

LEGEND:

- 466AMB1 — AMBIENT AIR SAMPLE
- 466PATH1 — PATHWAY AIR SAMPLE
- 466HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03	ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.

SCALE

30 0 30 FEET

TCE CONCENTRATIONS
466 ELLIS STREET
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

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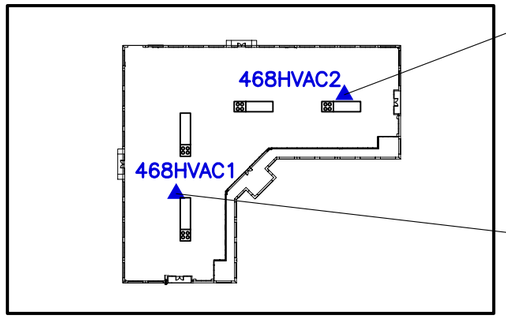
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B93

FIGURE 4-11

K:\23-007\B93.DWG 14 JUL 06



5/6/03	ND 0.17/ND 0.17
5/13/03	ND 0.19
10/2/03	ND 0.19
10/7/03	ND 0.19

5/6/03	ND 0.19
5/13/03	ND 0.19

APPROXIMATE LOCATION OF HVAC SYSTEM

5/6/03	ND 0.17
5/13/03	ND 0.18
10/2/03	ND 0.19
10/7/03	ND 0.19
10/7/03	ND 0.15

468PATH1

468PATH2

468AMB2

5/6/03	ND 0.18
5/13/03	ND 0.19

5/6/03	ND 0.18
5/6/03	ND 0.15
5/13/03	ND 0.20

5/6/03	ND 0.19
5/13/03	ND 0.19
5/13/03	ND 0.17
10/2/03	ND 0.19
10/7/03	ND 0.18

468AMB3

5/6/03	ND 0.19
5/13/03	ND 0.17
5/13/03	ND 0.29
10/2/03	ND 0.19
10/7/03	ND 0.18

468AMB4

5/6/03	0.22
5/13/03	ND 0.18/ND 0.18
10/2/03	ND 0.18
10/7/03	ND 0.19

468AMB1

DELIVERY
COMMUNICATION ROOM
ELECTRICAL ROOM
SWITCH GEAR
STORAGE
SERVING AREA
GIFT SHOP
KITCHEN
OFFICE
DRY STORAGE
WOMEN
JAN.
MEN
ELEV.
UP
CONCIERGE
FLORIST
WAREWASH
DINING AREA
STORAGE

LEGEND:

468AMB1 AMBIENT AIR SAMPLE

468PATH1 PATHWAY AIR SAMPLE

468HVAC1 OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN.

SCALE

30 0 30 FEET

TCE CONCENTRATIONS
468 ELLIS STREET
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

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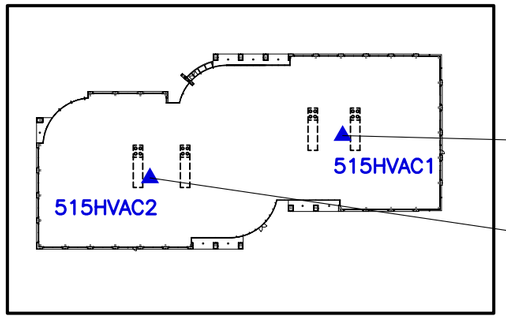
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B92

FIGURE 4-12

K:\23-007\B92.DWG 14 JUL 06



5/6/03	ND 0.19
5/6/03	ND 0.19
5/13/03	ND 0.18

5/6/03	ND 0.17
5/13/03	ND 0.18

APPROXIMATE LOCATION OF HVAC SYSTEM

LEGEND:

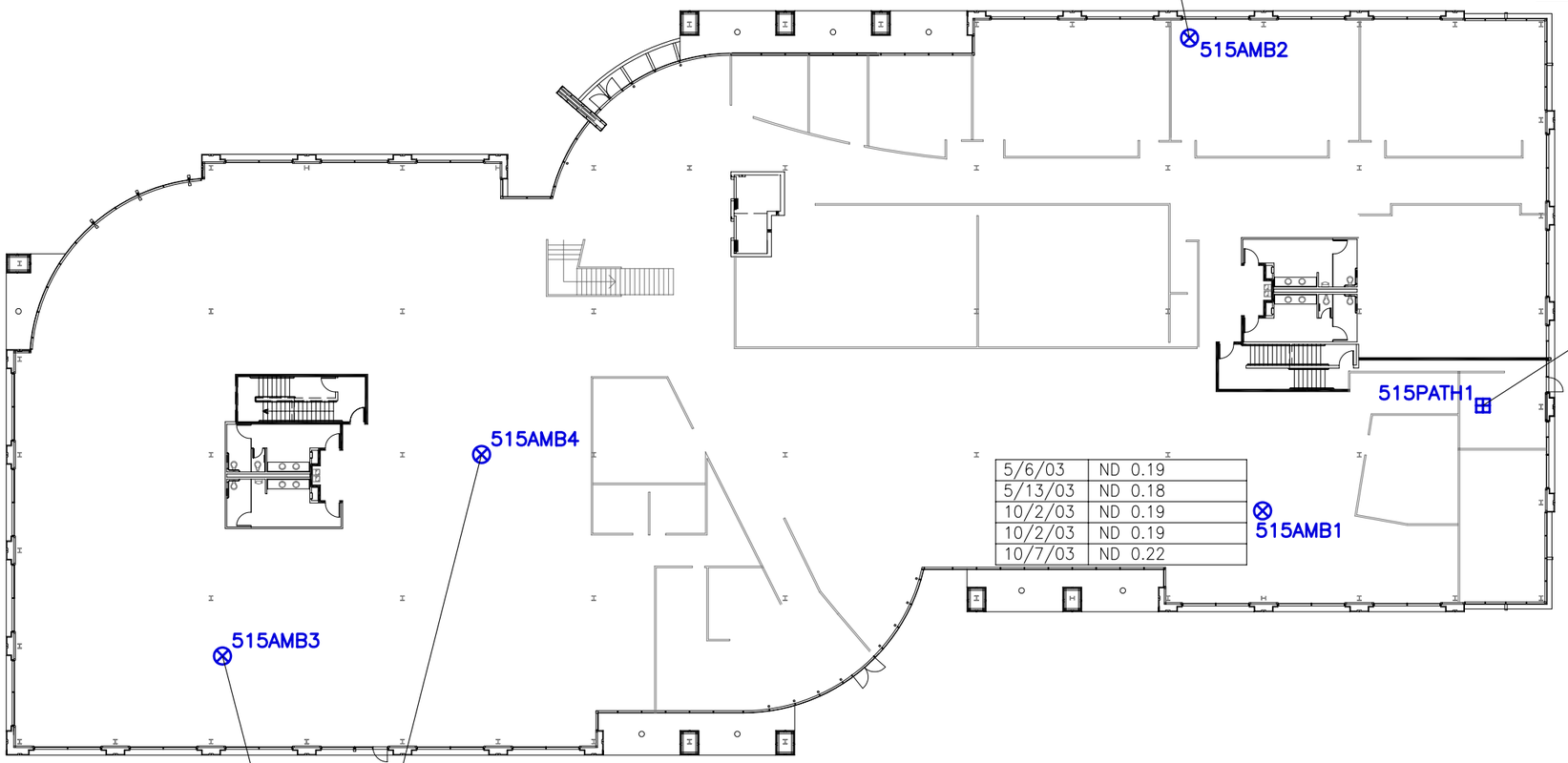
- ⊗ 515AMB1 — AMBIENT AIR SAMPLE
- ⊞ 515PATH1 — PATHWAY AIR SAMPLE
- ▲ 515HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.



5/6/03	ND 0.19
5/13/03	ND 0.19
10/2/03	ND 0.18
10/7/03	ND 0.19

5/6/03	ND 0.17
5/13/03	0.39
5/13/03	ND 0.23

5/6/03	ND 0.19
5/13/03	ND 0.18
10/2/03	ND 0.19
10/2/03	ND 0.19
10/7/03	ND 0.22

5/6/03	ND 0.19
5/13/03	ND 0.19
10/2/03	ND 0.19
10/2/03	0.18 J
10/7/03	ND 0.22

5/6/03	ND 0.18
5/13/03	ND 0.19
10/2/03	0.18
10/7/03	ND 0.23

SCALE

30 0 30 FEET

TCE CONCENTRATIONS
515 N. WHISMAN ROAD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

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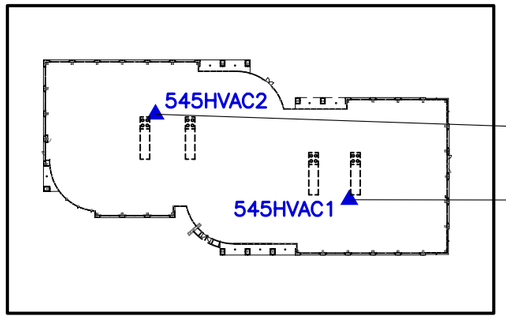
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B98

FIGURE 4-13

K:\23-007\B98.DWG 14 JUL 06



5/6/03	ND 0.19
5/13/03	ND 0.18
5/13/03	ND 0.19

5/6/03	ND 0.19
5/13/03	ND 0.19
10/2/03	ND 0.19
10/7/03	0.94
10/7/03	ND 0.20

APPROXIMATE LOCATION OF HVAC SYSTEM

LEGEND:

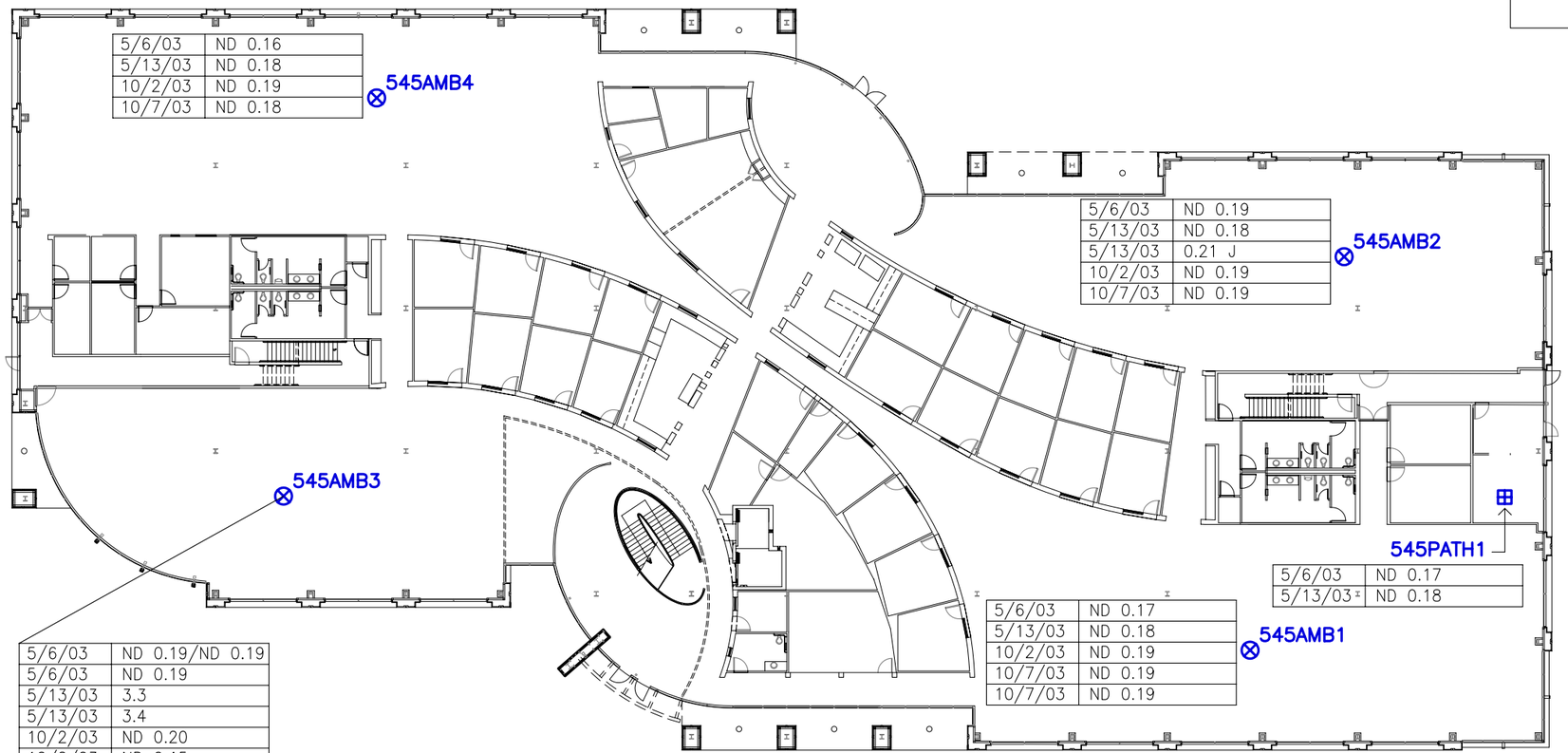
545AMB1 — AMBIENT AIR SAMPLE

545PATH1 — PATHWAY AIR SAMPLE

545HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE



5/6/03	ND 0.16
5/13/03	ND 0.18
10/2/03	ND 0.19
10/7/03	ND 0.18

5/6/03	ND 0.19
5/13/03	ND 0.18
5/13/03	0.21 J
10/2/03	ND 0.19
10/7/03	ND 0.19

5/6/03	ND 0.19/ND 0.19
5/6/03	ND 0.19
5/13/03	3.3
5/13/03	3.4
10/2/03	ND 0.20
10/2/03	ND 0.15
10/7/03	ND 0.19

5/6/03	ND 0.17
5/13/03	ND 0.18
10/2/03	ND 0.19
10/7/03	ND 0.19
10/7/03	ND 0.19

5/6/03	ND 0.17
5/13/03	ND 0.18

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.

SCALE

30 0 30 FEET

TCE CONCENTRATIONS
545 N. WHISMAN ROAD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

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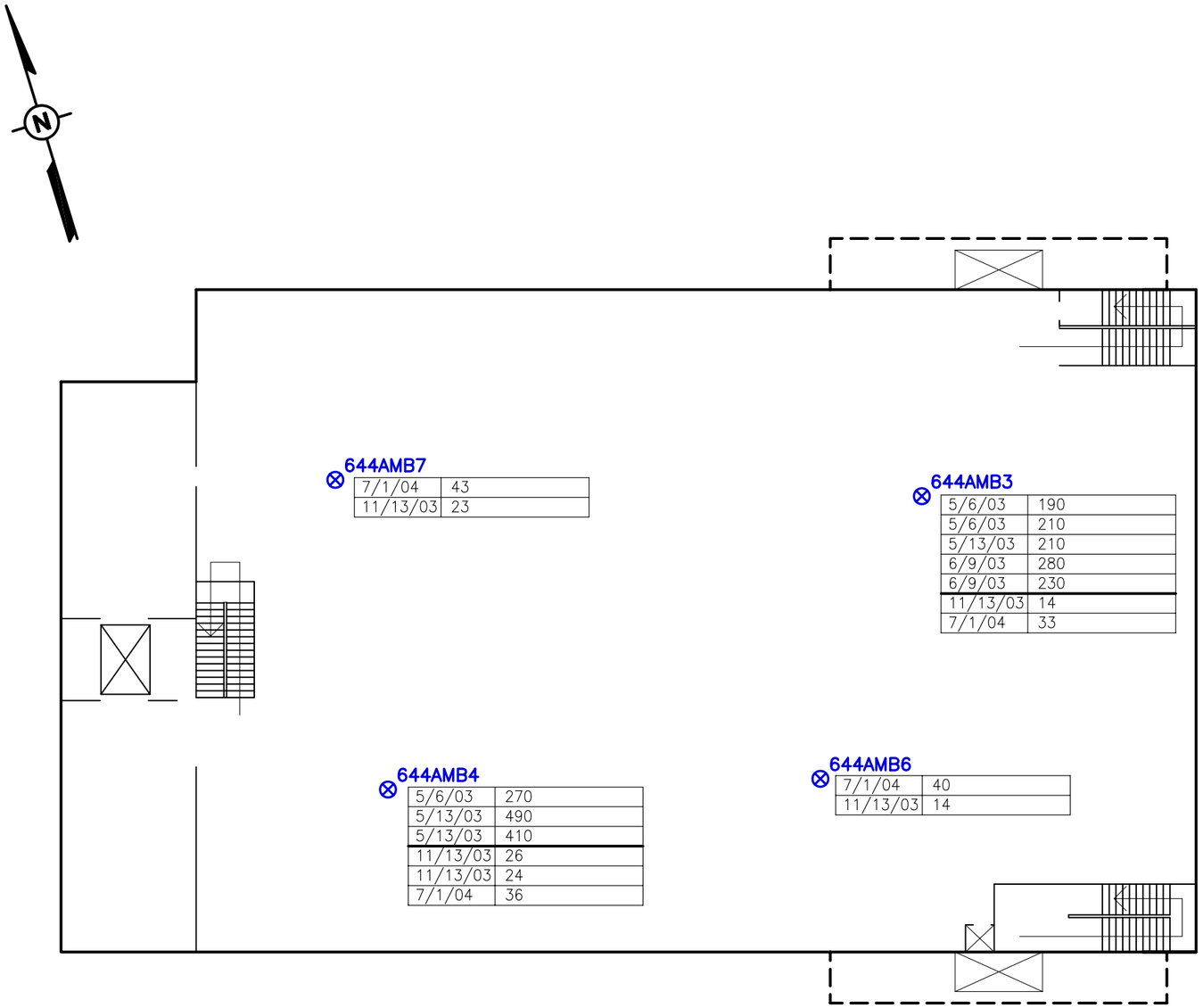
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B97

FIGURE 4-14

K:\23-007\B97.DWG 14 JUL 06



LEGEND:

644AMB1 — AMBIENT AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- ND 0.18/ND 0.18 — LAB DUPLICATE RESULT
- ND 0.18 — TCE CONCENTRATION
- 10/2/03 — SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. MITIGATION MEASURES INCLUDED SEALING OF SUMPS AND INSTALLATION OF AN EXHAUST SYSTEM IN THE BASEMENT. SAMPLES COLLECTED IN NOVEMBER 2003 AND JULY 2004 ARE AFTER IMPLEMENTATION OF MITIGATION MEASURES.

APPROXIMATE SCALE

20 0 20 FEET

TCE CONCENTRATIONS
644 NATIONAL AVENUE
BASEMENT
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
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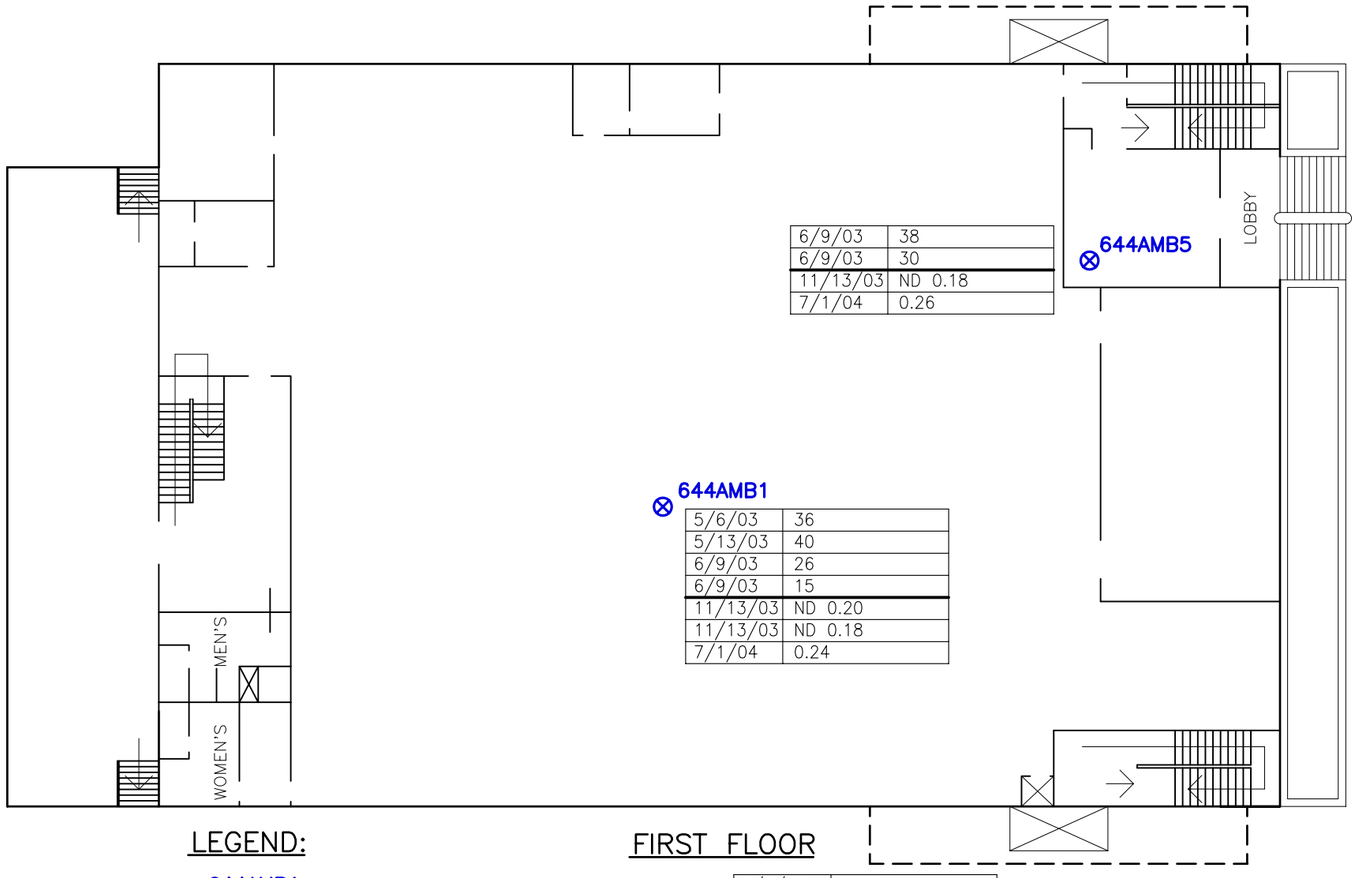
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B102

FIGURE 4-15

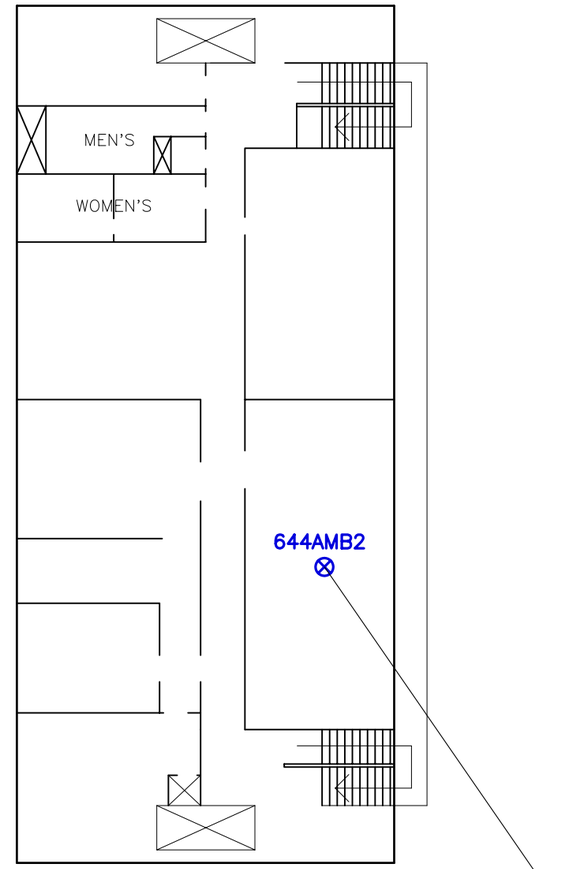
K:\23-007\B102.DWG 14 JUL 06



6/9/03	38
6/9/03	30
11/13/03	ND 0.18
7/1/04	0.26

5/6/03	36
5/13/03	40
6/9/03	26
6/9/03	15
11/13/03	ND 0.20
11/13/03	ND 0.18
7/1/04	0.24

FIRST FLOOR



SECOND FLOOR

5/6/03	94
5/13/03	50
5/13/03	49
6/9/03	80
6/9/03	70
11/13/03	ND 0.20
7/1/04	0.56
7/1/04	0.59

LEGEND:

644AMB1 — AMBIENT AIR SAMPLE

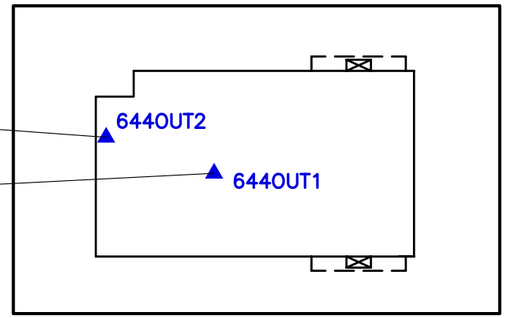
644OUT1 — OUTDOOR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

5/6/03	0.73
5/13/03	1.1
6/9/03	2.0
6/9/03	0.88
11/13/03	ND 0.29
11/13/03	0.29
7/1/04	0.68

5/6/03	0.80
5/13/03	1.6
11/13/03	ND 0.20
7/1/04	ND 0.19
7/1/04	ND 0.19



APPROXIMATE LOCATION OF OUTDOOR SAMPLES

NOTES:

1. THE HVAC SYSTEM DOES NOT OPERATE AT THIS BUILDING. THEREFORE TWO OUTDOOR SAMPLES OUTSIDE THE BUILDING WERE COLLECTED, ONE ON THE WEST SIDE AND ONE OUTSIDE THE SECOND FLOOR.
2. ALL RESULTS IN ug/m^3.
3. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN.
4. MITIGATION MEASURES INCLUDED SEALING OF SUMPS AND INSTALLATION OF AN EXHAUST SYSTEM IN THE BASEMENT. SAMPLES COLLECTED IN NOVEMBER 2003 AND JULY 2004 ARE AFTER IMPLEMENTATION OF MITIGATION MEASURES.

APPROXIMATE SCALE

20 0 20 FEET

TCE CONCENTRATIONS
644 NATIONAL AVENUE
FIRST AND SECOND FLOORS
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

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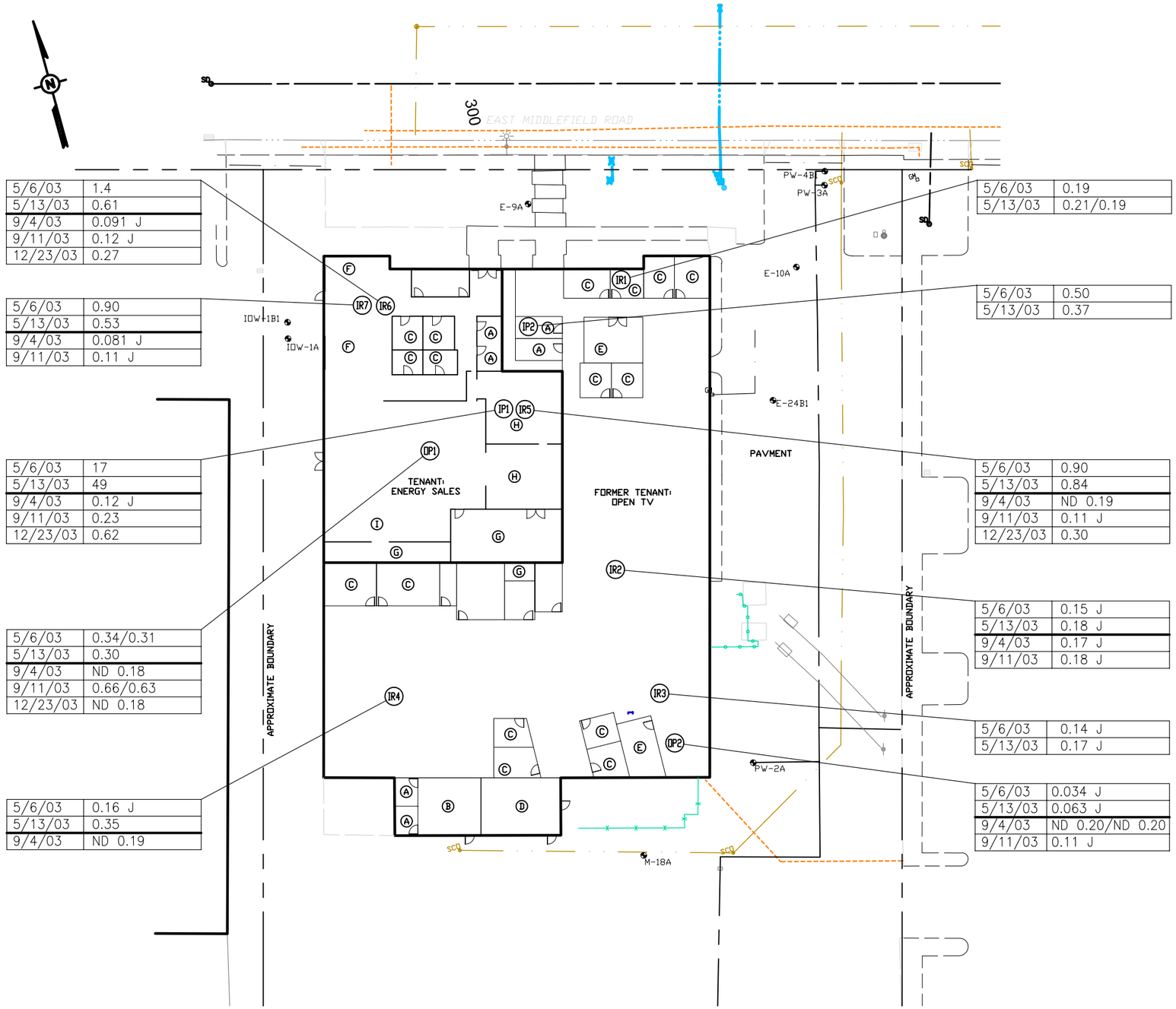
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B101

FIGURE 4-16

K:\23-007\B101.DWG 14 JUL 06



LEGEND:

- (IR) INDOOR AIR REPRESENTATIVE SAMPLE – USED TO EVALUATE WORKER EXPOSURE
- (IP) INDOOR AIR PATHWAY SAMPLE – USED TO EVALUATE POTENTIAL GROUND WATER TO INDOOR AIR PATHWAYS
- (DP) OUTDOOR AIR SAMPLE – COLLECTED ON ROOF AT HVAC INTAKE

- (A) RESTROOM
- (B) SHOWER
- (C) OFFICE (CLOSED)
- (D) KITCHEN
- (E) CONFERENCE ROOM
- (F) OPEN SPACE/CUBICAL OFFICES
- (G) STORAGE AREA
- (H) SHOP AREA
- (I) WAREHOUSE SPACE

9/4/03	ND 0.2/ND 0.2

LAB DUPLICATE RESULT
TCE CONCENTRATION
SAMPLE DATE

NOTES:

1. INSIDE BUILDING FEATURES ARE APPROXIMATE.
2. ALL RESULTS IN ug/m^3.
3. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.
4. MITIGATION MEASURES INCLUDED SEALING OF CRACKS AND REFURBISHING THE VENTILATION SYSTEM TO INCREASE MAKEUP AIR. SAMPLES COLLECTED IN SEPTEMBER AND DECEMBER 2003 ARE AFTER IMPLEMENTATION OF THE REMEDIAL MEASURES.

SCALE

40 0 40 FEET

TCE CONCENTRATIONS
355/365 E. MIDDLEFIELD ROAD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

REFERENCE:

– WEISS ASSOCIATES,
TITLED: AIR SAMPLING LOCATIONS
FORMER INTEL MOUNTAIN VIEW FACILITY
MOUNTAIN VIEW, CALIFORNIA
FIGURE 1
DATED: 01/14/04

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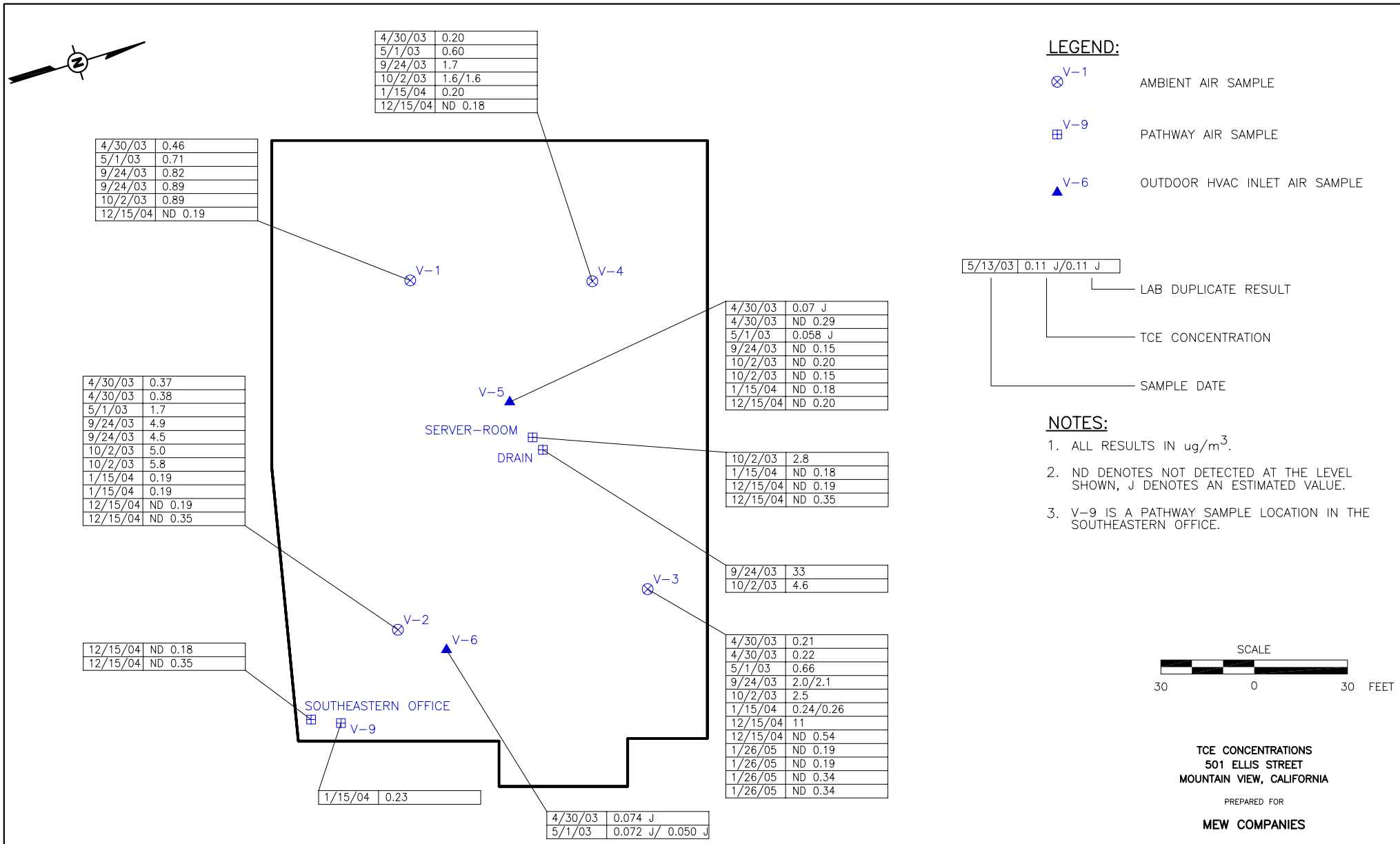
Locus TECHNOLOGIES

DRAWING NO. 23-007-B106

FIGURE 4–17

K:\23-016\B135.DWG 13 JUL 06



LEGEND:

- V-1 — AMBIENT AIR SAMPLE
- V-9 — PATHWAY AIR SAMPLE
- V-6 — OUTDOOR HVAC INLET AIR SAMPLE

5/13/03 | 0.11 J/0.11 J

- 0.11 J/0.11 J — LAB DUPLICATE RESULT
- TCE CONCENTRATION
- 5/13/03 — SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.
3. V-9 IS A PATHWAY SAMPLE LOCATION IN THE SOUTHEASTERN OFFICE.

SCALE

30 0 30 FEET

TCE CONCENTRATIONS
501 ELLIS STREET
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

REFERENCE:

- GEOSYNTEC CONSULTANTS
  TITLED: BUILDING LAYOUT WITH AIR SAMPLE LOCATIONS
  PROJECT NO: WR0162, FIGURE NO. 2
  DATED: 30 MARCH 2005

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	RP/VZC	CC	JDR

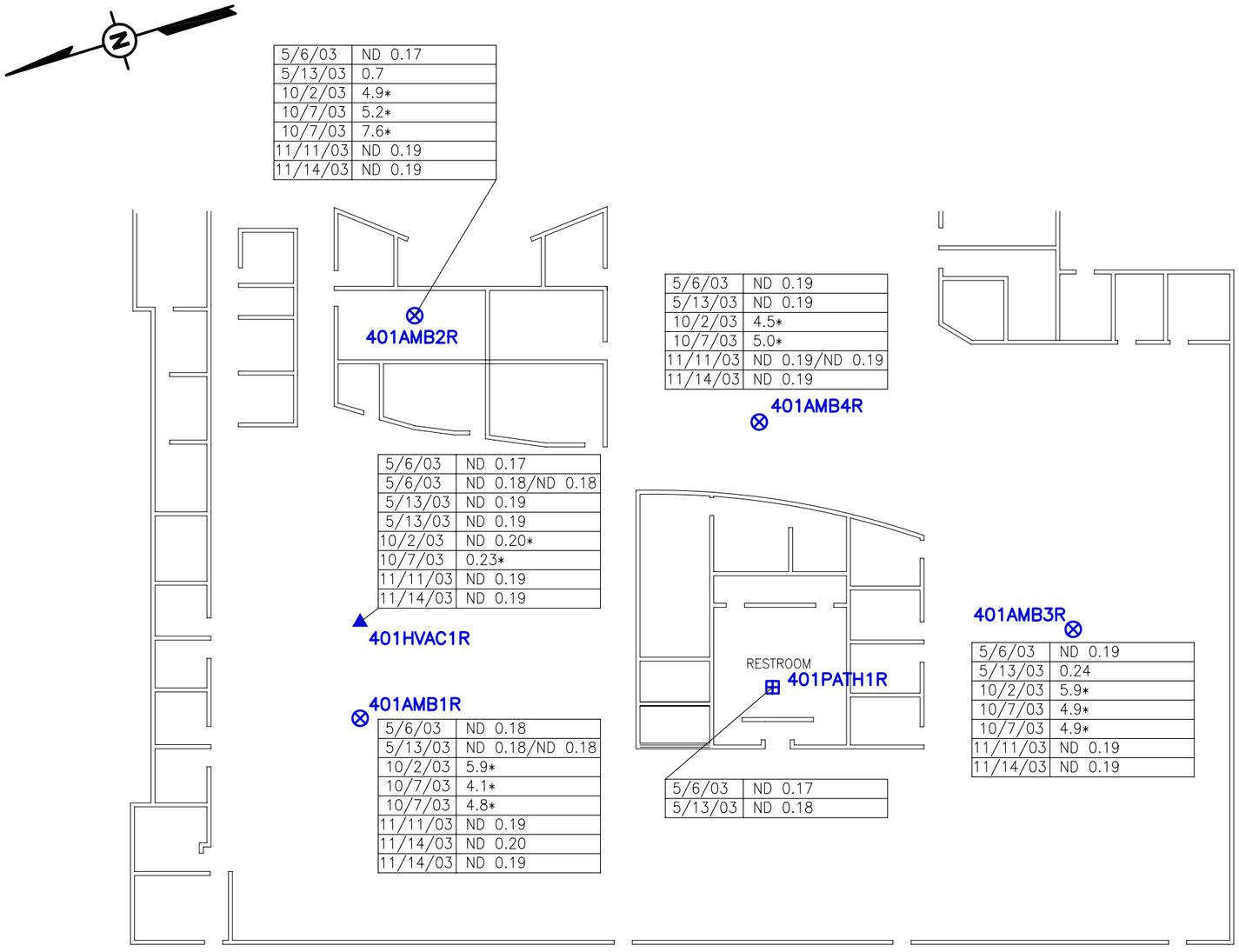
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B109

FIGURE 4-18

K:\23-007\B109.DWG 17 JUL 06



LEGEND:

- ⊗ 401AMB1R — AMBIENT AIR SAMPLE
- ⊞ 401PATH1R — PATHWAY AIR SAMPLE
- ▲ 401HVAC1R — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- 10/2/03 — SAMPLE DATE
- ND 0.18 — TCE CONCENTRATION
- ND 0.18 — LAB DUPLICATE RESULT

NOTES:

1. HVAC SAMPLE LOCATION IS APPROXIMATE.
2. ALL RESULTS IN ug/m^3.
3. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN.
4. * VENTILATION SYSTEM WAS OFF.

APPROXIMATE SCALE

25 0 25 FEET

TCE CONCENTRATIONS
401 E. MIDDLEFIELD ROAD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

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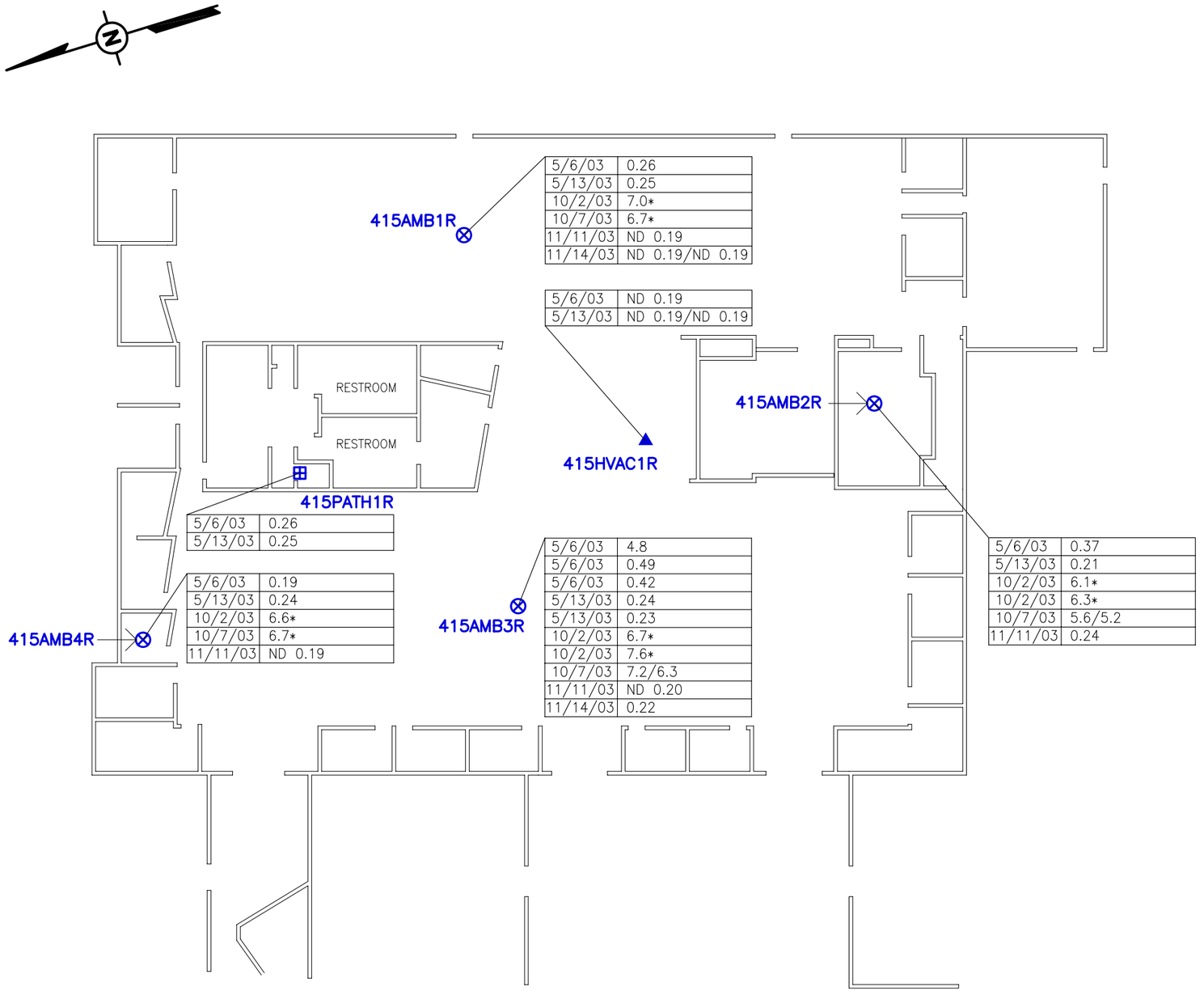
Locus TECHNOLOGIES

DRAWING NO. 23-016-B133

FIGURE 4–19

K:\23-007\B133.DWG 12 JUL 06



LEGEND:

- ⊗ 415AMB1R — AMBIENT AIR SAMPLE
- ⊞ 415PATH1R — PATHWAY AIR SAMPLE
- ▲ 415HVAC1R — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03	ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. LOCATION OF HVAC SAMPLE IS APPROXIMATE.
2. ALL RESULTS IN ug/m^3.
3. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN.
4. * VENTILATION SYSTEM WAS OFF.

APPROXIMATE SCALE

25 0 25 FEET

TCE CONCENTRATIONS
415 E. MIDDLEFIELD ROAD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
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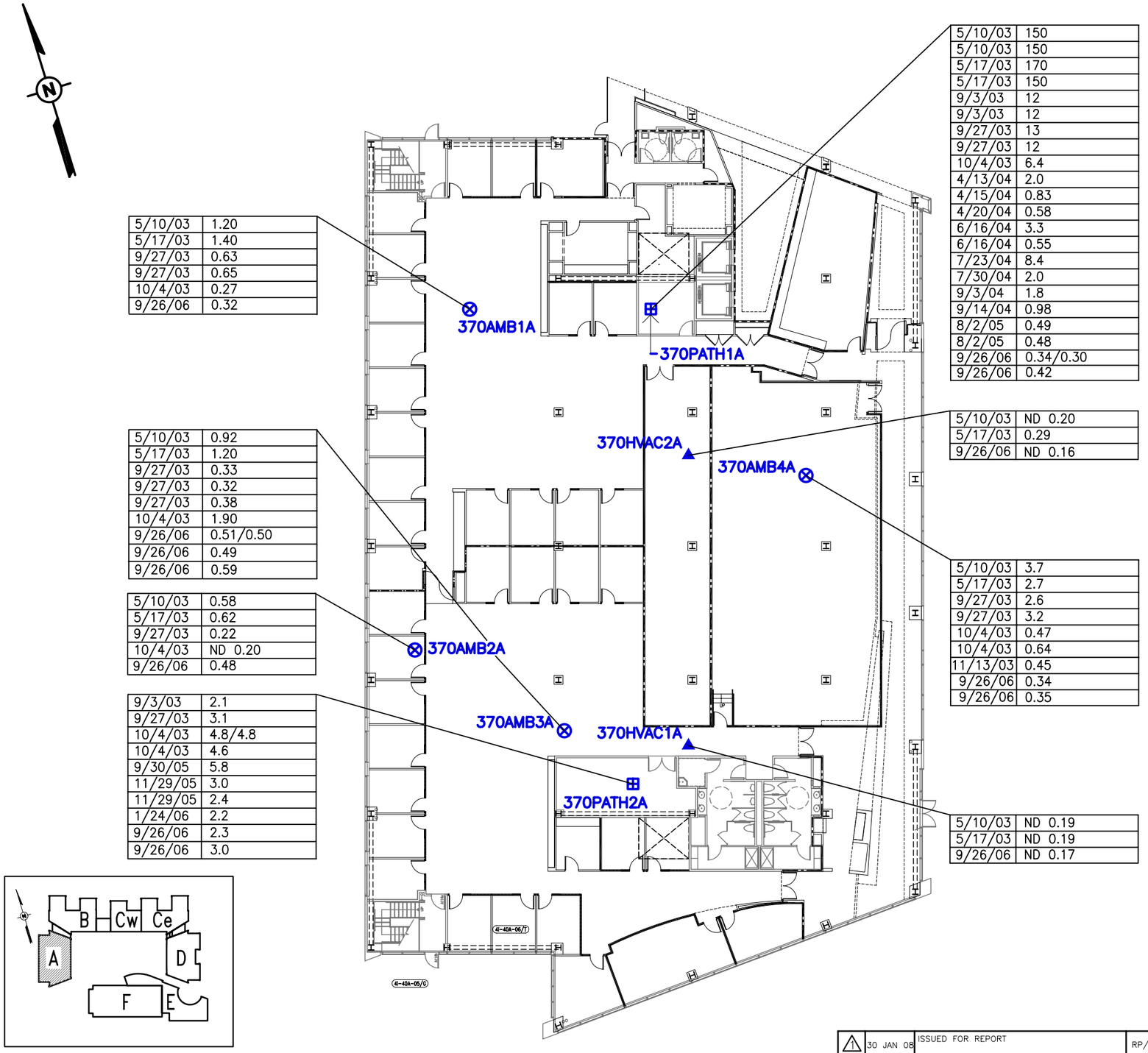
Locus TECHNOLOGIES

DRAWING NO. 23-016-B134

FIGURE 4–20

K:\23-016\B134.DWG



5/10/03	1.20
5/17/03	1.40
9/27/03	0.63
9/27/03	0.65
10/4/03	0.27
9/26/06	0.32

5/10/03	0.92
5/17/03	1.20
9/27/03	0.33
9/27/03	0.32
9/27/03	0.38
10/4/03	1.90
9/26/06	0.51/0.50
9/26/06	0.49
9/26/06	0.59

5/10/03	0.58
5/17/03	0.62
9/27/03	0.22
10/4/03	ND 0.20
9/26/06	0.48

9/3/03	2.1
9/27/03	3.1
10/4/03	4.8/4.8
10/4/03	4.6
9/30/05	5.8
11/29/05	3.0
11/29/05	2.4
1/24/06	2.2
9/26/06	2.3
9/26/06	3.0

5/10/03	150
5/10/03	150
5/17/03	170
5/17/03	150
9/3/03	12
9/3/03	12
9/27/03	13
9/27/03	12
10/4/03	6.4
4/13/04	2.0
4/15/04	0.83
4/20/04	0.58
6/16/04	3.3
6/16/04	0.55
7/23/04	8.4
7/30/04	2.0
9/3/04	1.8
9/14/04	0.98
8/2/05	0.49
8/2/05	0.48
9/26/06	0.34/0.30
9/26/06	0.42

5/10/03	ND 0.20
5/17/03	0.29
9/26/06	ND 0.16

5/10/03	3.7
5/17/03	2.7
9/27/03	2.6
9/27/03	3.2
10/4/03	0.47
10/4/03	0.64
11/13/03	0.45
9/26/06	0.34
9/26/06	0.35

5/10/03	ND 0.19
5/17/03	ND 0.19
9/26/06	ND 0.17

KEY PLAN

LEGEND:

370AMB1A — AMBIENT AIR SAMPLE

370PATH1A — PATHWAY AIR SAMPLE

370HVAC1A — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. 370HVAC1A AND 370HVAC2A COLLECTED AT INLETS TO ACU–A1 AND ACU–A2, RESPECTIVELY.
2. ALL RESULTS IN ug/m^3.
3. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN.
4. MITIGATION MEASURES INCLUDED SEALING OF CONDUITS IN AUGUST 2003, INSTALLATION OF AIR PURIFIERS IN APRIL 2003 (370PATH1A) AND NOVEMBER 2005 (370PATH2A).

SCALE

25 0 25 FEET

TCE CONCENTRATIONS
370 ELLIS STREET, BLDG. A
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
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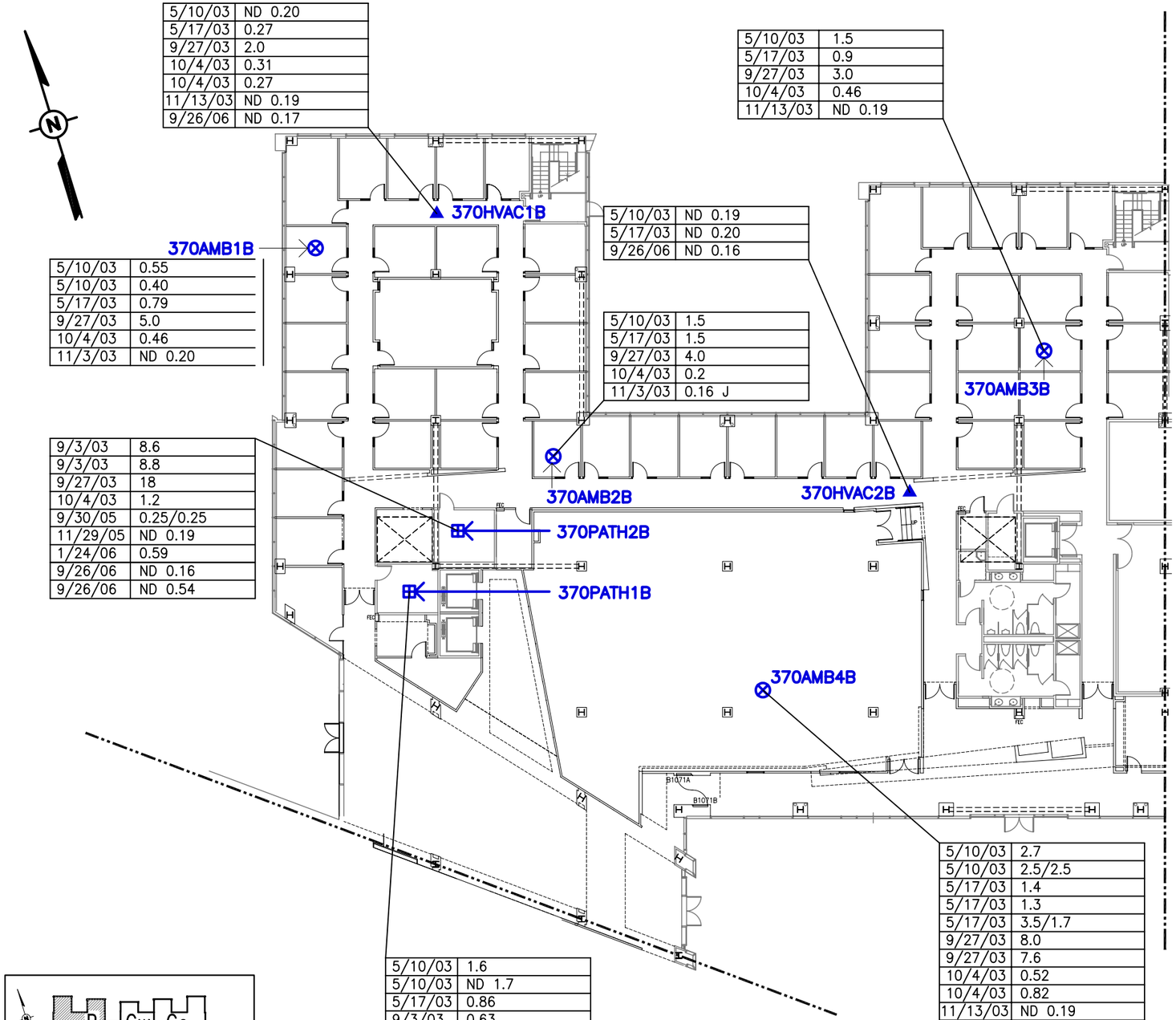
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-016-B127

FIGURE 4–21

K:\23–016\B127.DWG 12 JUL 06



5/10/03	ND 0.20
5/17/03	0.27
9/27/03	2.0
10/4/03	0.31
10/4/03	0.27
11/13/03	ND 0.19
9/26/06	ND 0.17

5/10/03	1.5
5/17/03	0.9
9/27/03	3.0
10/4/03	0.46
11/13/03	ND 0.19

5/10/03	ND 0.19
5/17/03	ND 0.20
9/26/06	ND 0.16

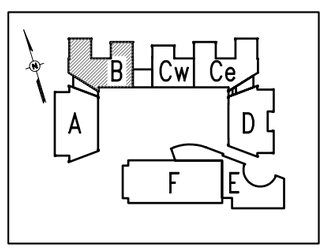
5/10/03	0.55
5/10/03	0.40
5/17/03	0.79
9/27/03	5.0
10/4/03	0.46
11/3/03	ND 0.20

5/10/03	1.5
5/17/03	1.5
9/27/03	4.0
10/4/03	0.2
11/3/03	0.16 J

9/3/03	8.6
9/3/03	8.8
9/27/03	18
10/4/03	1.2
9/30/05	0.25/0.25
11/29/05	ND 0.19
1/24/06	0.59
9/26/06	ND 0.16
9/26/06	ND 0.54

5/10/03	2.7
5/10/03	2.5/2.5
5/17/03	1.4
5/17/03	1.3
5/17/03	3.5/1.7
9/27/03	8.0
9/27/03	7.6
10/4/03	0.52
10/4/03	0.82
11/13/03	ND 0.19
11/13/03	ND 0.20
9/26/06	ND 0.17
9/26/06	0.26 J

5/10/03	1.6
5/10/03	ND 1.7
5/17/03	0.86
9/3/03	0.63
9/27/03	5.9
9/27/03	5.6
10/4/03	0.94
10/4/03	0.94
9/26/06	0.51
9/26/06	0.78



KEY PLAN

LEGEND:

370AMB1B — AMBIENT AIR SAMPLE

370PATH1B — PATHWAY AIR SAMPLE

370HVAC1B — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. 370HVAC1B AND 370HVAC2B COLLECTED AT INLETS TO ACU–B1 AND ACU–B2, RESPECTIVELY.
2. ALL RESULTS IN ug/m^3.
3. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.
4. MITIGATION MEASURES INCLUDED SEALING OF CONDUITS IN UTILITY ROOMS AND INSTALLATION OF AN AIR PURIFICATION SYSTEM. SAMPLES COLLECTED IN 390PATH1B AND 390PATH2B IN SEPTEMBER 2003 AND 2005 AND IN NOVEMBER 2003 WERE AFTER SEALING OF CONDUITS. SAMPLES COLECTED IN 390PATH2B IN NOVEMBER 2005 AND JANUARY 2006 WERE AFTER INSTALLATION OF THE AIR PURIFIER.

SCALE

25 0 25 FEET

TCE CONCENTRATIONS
370 ELLIS STREET, BLDG. B
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	30 JAN 08	ISSUED FOR REPORT	RP/VZC	CC	JDR

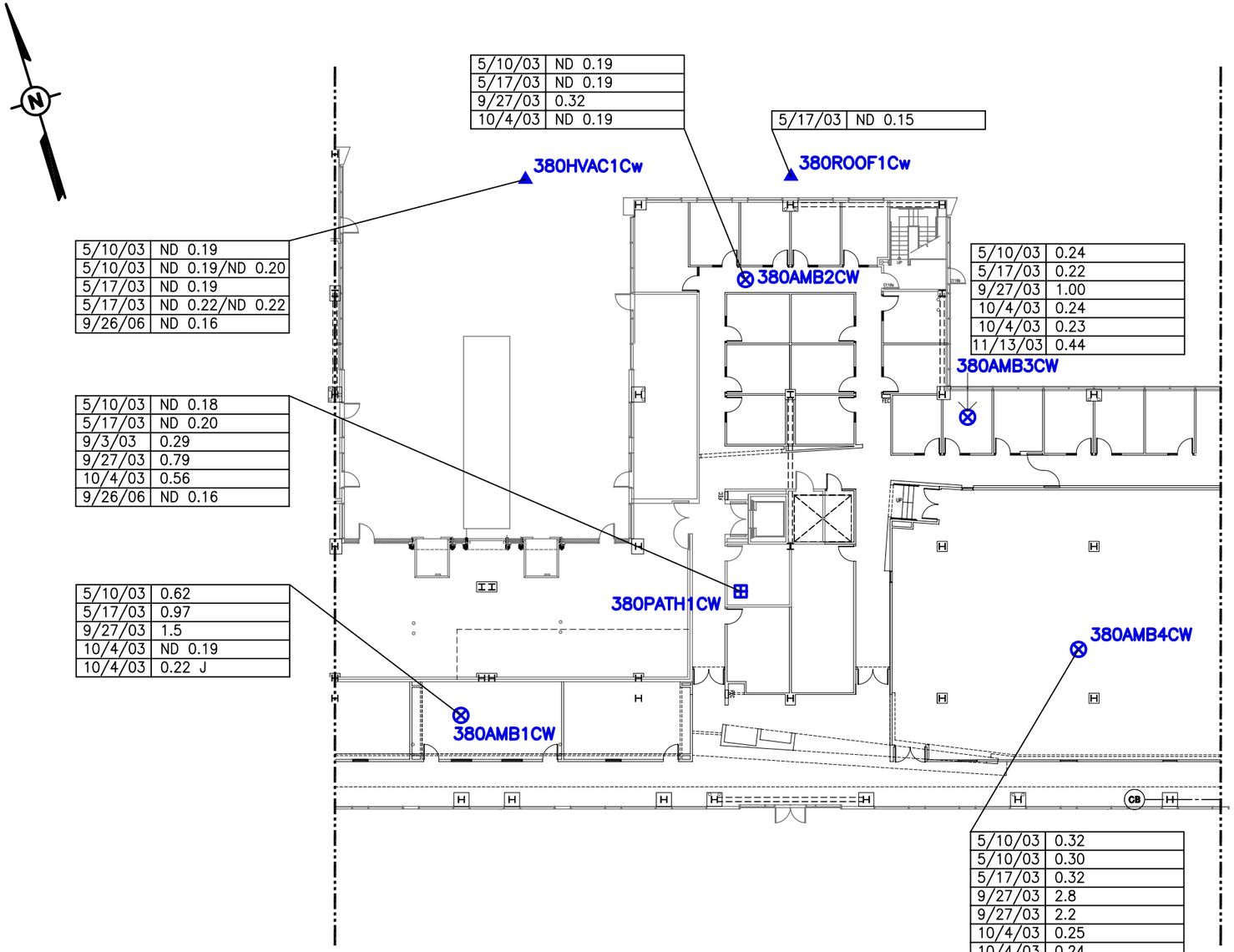
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-016-B128

FIGURE 4–22

K:\23–016\B128.DWG 12 JUL 06



LEGEND:

380AMB1CW — AMBIENT AIR SAMPLE

380PATH1CW — PATHWAY AIR SAMPLE

380HVAC1Cw — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

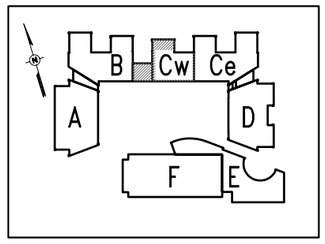
- 10/2/03 — SAMPLE DATE
- ND 0.18 — TCE CONCENTRATION
- ND 0.18 — LAB DUPLICATE RESULT

NOTES:

1. 380HVAC1Cw COLLECTED AT ACU–C1; 380ROOF1Cw COLLECTED 60 FEET FROM ACU–C1.
2. ALL RESULTS IN ug/m^3.
3. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.
4. MITIGATION MEASURES INCLUDED SEALING OF CONDUITS IN UTILITY ROOM. SAMPLES IN 380PATH1Cw IN SEPTEMBER AND OCTOBER 2003 WERE AFTER SEALING OF CONDUITS.

SCALE

25 0 25 FEET



KEY PLAN

TCE CONCENTRATIONS
380 ELLIS STREET, BLDG. Cw
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

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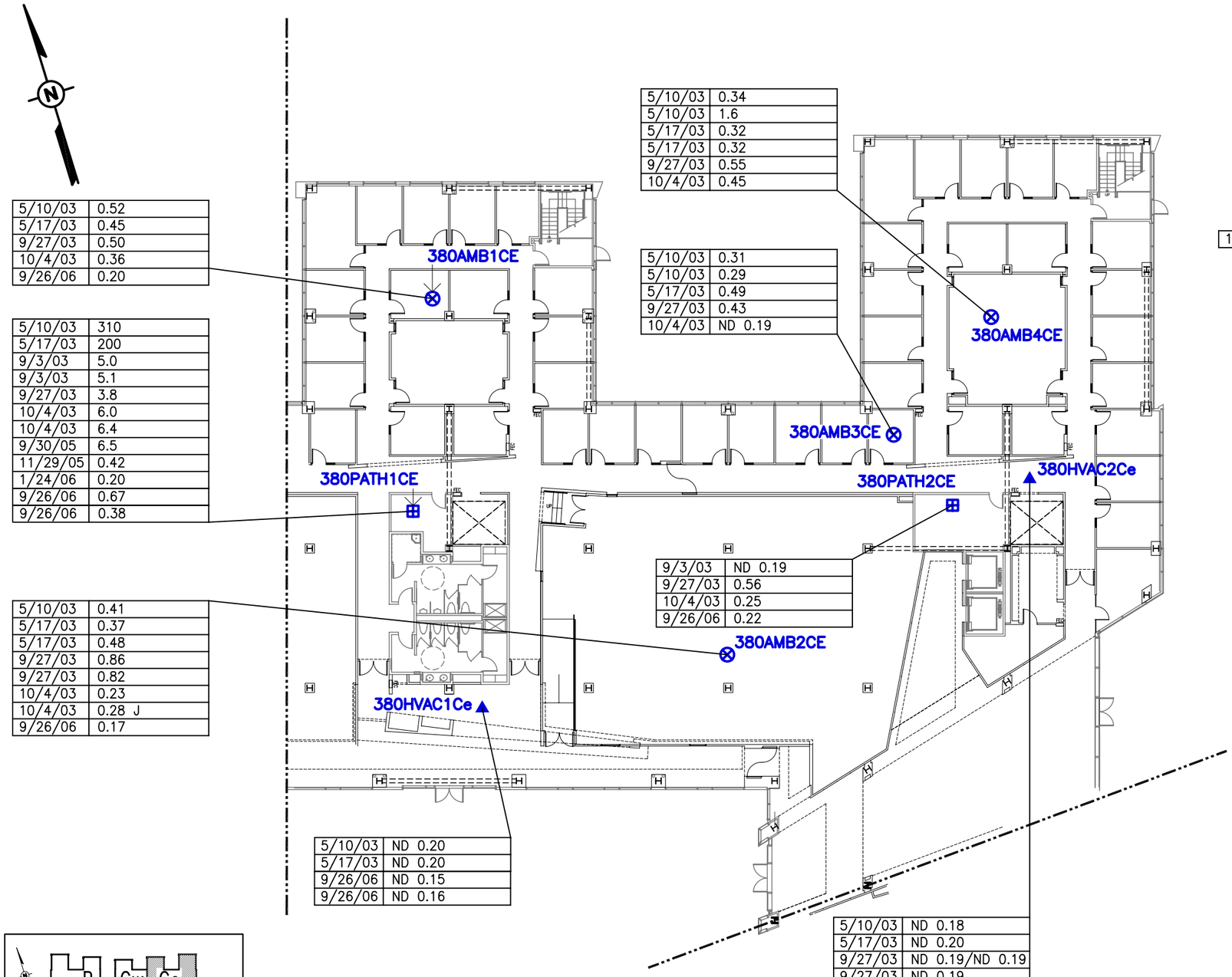
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-016-B129

FIGURE 4–23

K:\23–016\B129.DWG 12 JUL 06



LEGEND:

- 380AMB1CE — AMBIENT AIR SAMPLE
- 380PATH1CE — PATHWAY AIR SAMPLE
- 380HVAC1Ce — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

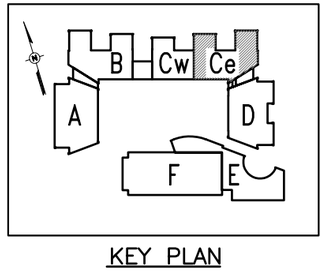
- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. 380HVAC1Ce AND 380HVAC2Ce COLLECTED AT INLETS TO ACU–C3 AND ACU–C2, RESPECTIVELY.
2. ALL RESULTS IN ug/m^3.
3. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUES.
4. MITIGATION MEASURES INCLUDED SEALING OF CONDUITS IN UTILITY ROOM (380PATH1Ce) AND INSTALLATION OF AN AIR PURIFICATION SYSTEM. SAMPLES IN 380PATH1Ce IN SEPTEMBER 2003 AND 2005 AND OCTOBER 2003 WERE AFTER SEALING OF CONDUITS. SAMPLES IN NOVEMBER 2005 AND JANUARY 2006 WERE COLLECTED AFTER INSTALLATION OF THE AIR PURIFIER.

SCALE

25 0 25 FEET



KEY PLAN

TCE CONCENTRATIONS
380 ELLIS STREET, BLDG. Ce
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
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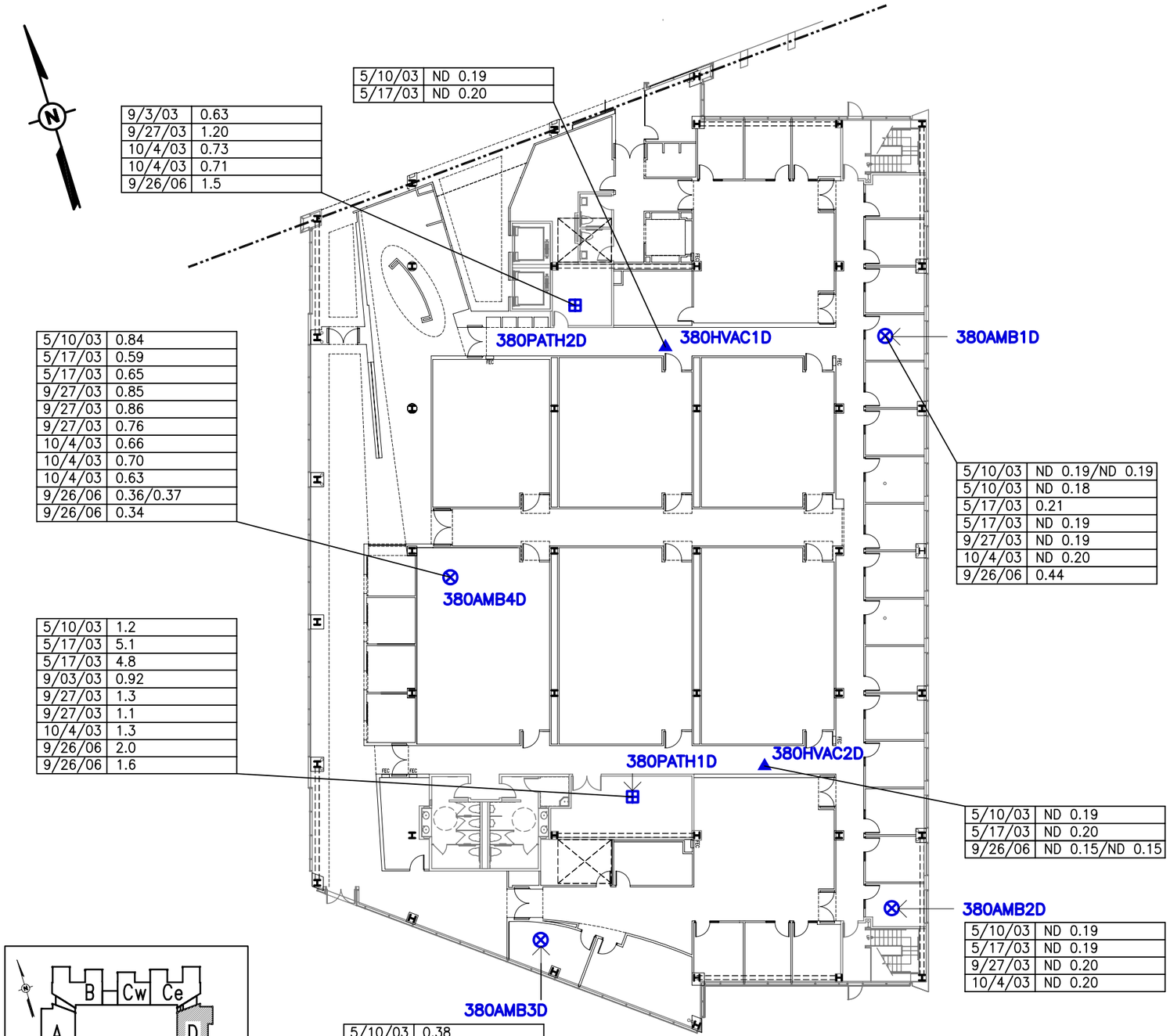
Locus TECHNOLOGIES

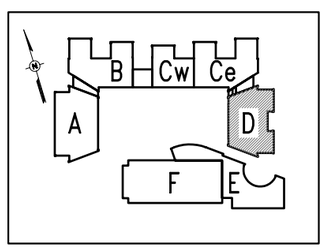
SCALE: AS SHOWN

DRAWING NO. 23-016-B130

FIGURE 4–24

K:\23–016\B130.DWG 12 JUL 06





KEY PLAN

LEGEND:

380AMB1D — AMBIENT AIR SAMPLE

380PATH1D — PATHWAY AIR SAMPLE

380HVAC1D — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03 | ND 0.18/ND 0.18

- LAB DUPLICATE SAMPLE COLLECTED
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. 380HVAC1D AND 380HVAC2D COLLECTED AT INLETS TO ACU–D1 AND ACU–D2, RESPECTIVELY.
2. ALL RESULTS IN ug/m^3.
3. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.
4. MITIGATION MEASURES INCLUDED SEALING OF CONDUITS. SAMPLES COLLECTED IN 380PATH1D AND 380PATH2D IN SEPTEMBER AND OCTOBER 2003 ARE AFTER SEALING OF CONDUITS.

SCALE

25 0 25 FEET

TCE CONCENTRATIONS
380 ELLIS STREET, BLDG D
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

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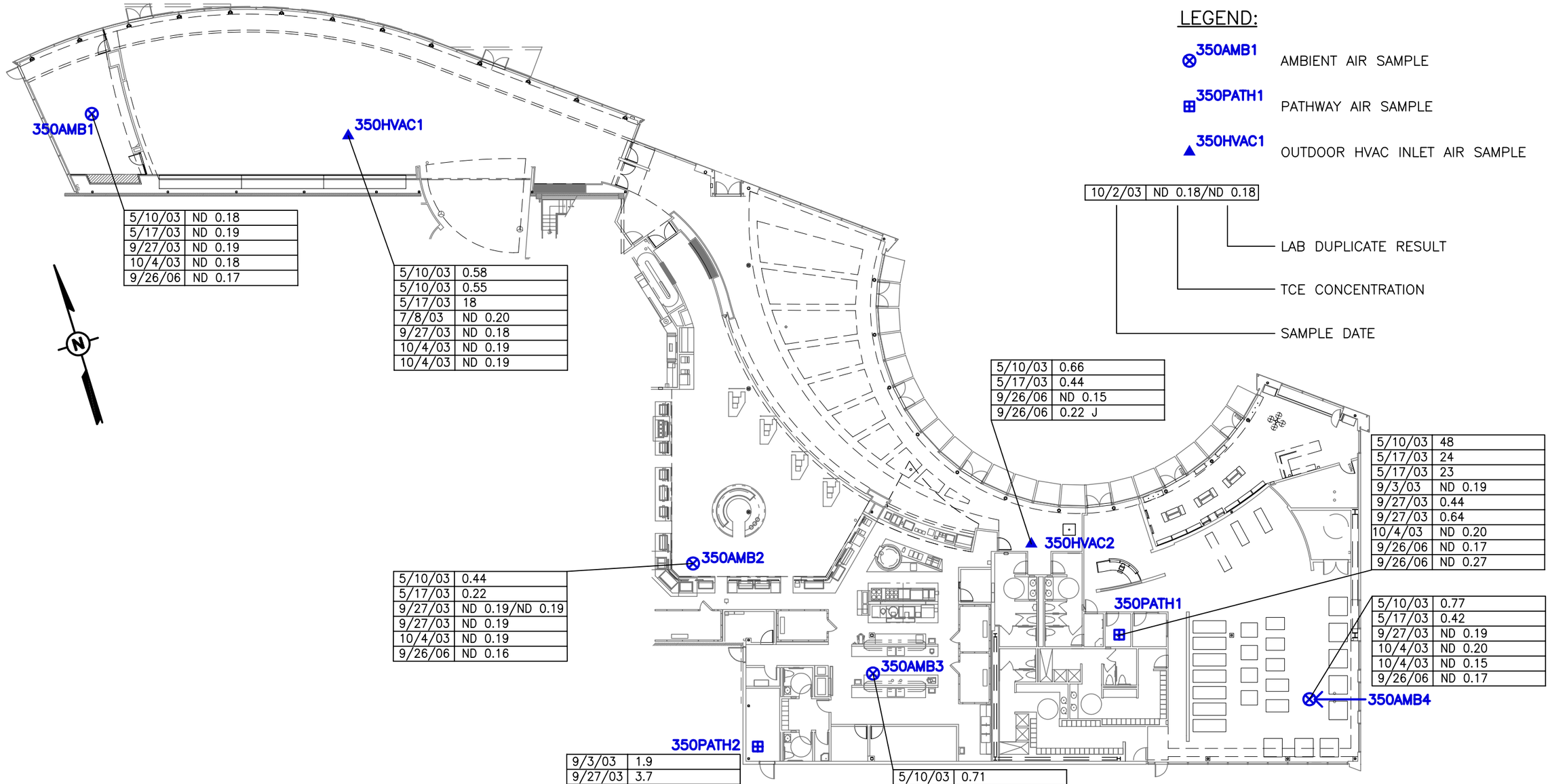
Locus TECHNOLOGIES

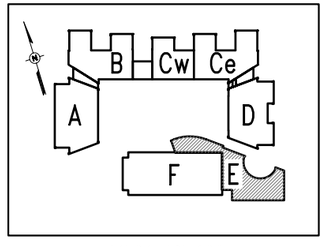
SCALE: AS SHOWN

DRAWING NO. 23-016-B131

FIGURE 4–25

K:\23-016\B131.DWG 12 JUL 06





KEY PLAN

NOTES:

1. 350HVAC1 AND 350HVAC2 COLLECTED AT INLETS TO ACU–E3 AND ACU–E1, RESPECTIVELY.
2. ALL RESULTS IN ug/m^3.
3. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN.
4. MITIGATION MEASURES INCLUDED SEALING OF CONDUITS IN UTILITY ROOM. SAMPLES COLLECTED IN 350PATH1 IN SEPTEMBER AND NOVEMBER 2003 ARE AFTER SEALING OF CONDUITS.

TCE CONCENTRATIONS
350 ELLIS STREET, BLDG E
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

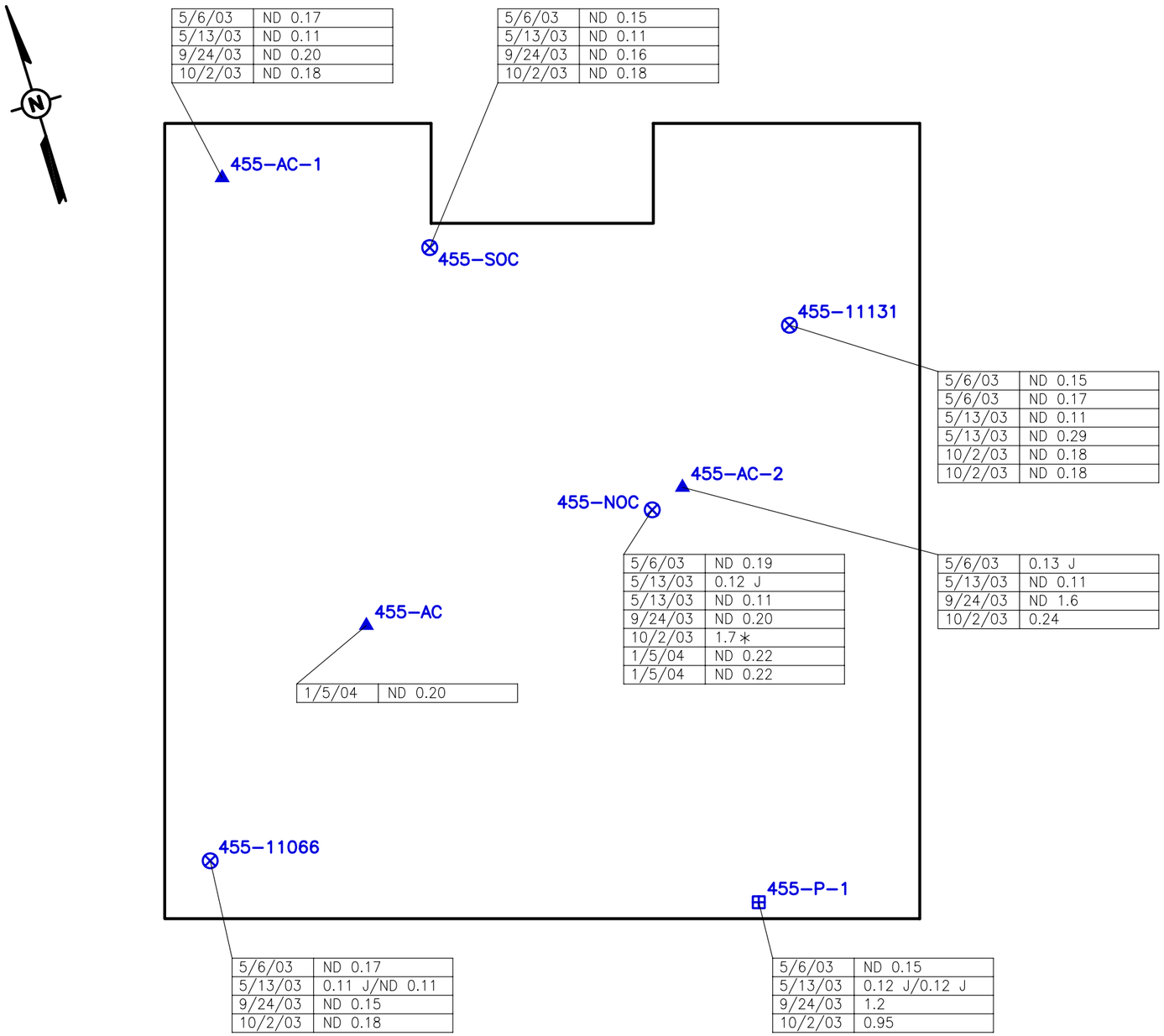
No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	30 JAN 08	ISSUED FOR REPORT	RP/VZC	CC	JDR

Locus TECHNOLOGIES

DRAWING NO. 23-016-B132

FIGURE 4–26

K:\23–016\B132.DWG 12 JUL 06



LEGEND:

- ⊗ 455–11131 — AMBIENT AIR SAMPLE
- ⊞ 455–P–1 — PATHWAY AIR SAMPLE
- ▲ 455–AC–2 — OUTDOOR HVAC INLET AIR SAMPLE
- ∗ — ANOMALOUS DATA

5/13/03 | 0.11 J/0.11 J

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.
3. 455–AC JANUARY 2004 HVAC SAMPLE COLLECTED AT DIFFERENT UNIT THAN AC–1 AND AC–2.

SCALE

30 0 30 FEET

TCE CONCENTRATIONS
455 EAST MIDDLEFIELD ROAD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

REFERENCE:

– PES ENVIRONMENTAL, INC.
TITLED: AIR SAMPLE LOCATIONS AT 455 EMR
DRAWING NO. 37900401009_IA–0104, PLATE 2
DATED: JANUARY 2004

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

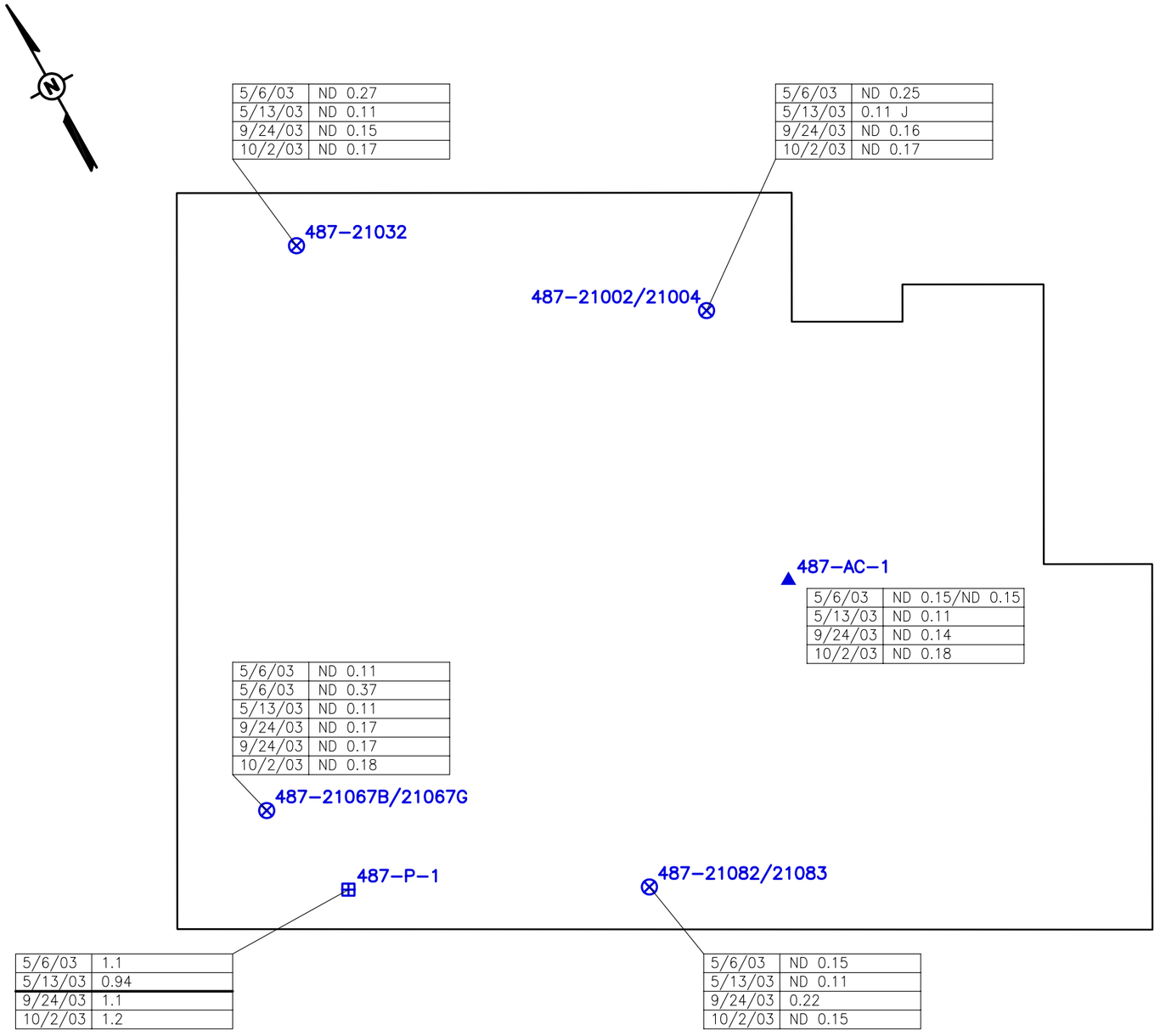
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B108

FIGURE 4–27

K:\23–007\B108.DWG 17 JUL 06

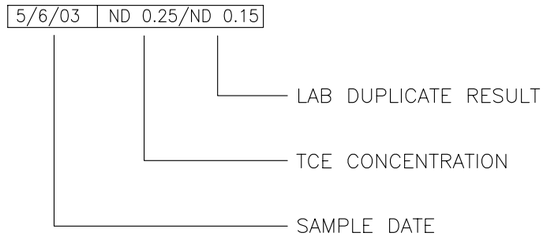


LEGEND:

487–21032 AMBIENT AIR SAMPLE

487–P–1 PATHWAY AIR SAMPLE

487–AC–1 OUTDOOR HVAC INLET AIR SAMPLE



NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.
3. SAMPLES WERE COLLECTED AT 487–21067G, 487–21002, AND 487–21082 IN THE SPRING 2003, LOCATIONS ARE IN THE SAME VICINITY AS 487–21067B, 487–21004 AND 487–21083, RESPECTIVELY, WHERE THE REMAINING SAMPLES WERE COLLECTED.
4. MITIGATION MEASURES INCLUDED SEALING OF SOME CONDUITS IN THE ELECTRICAL ROOM. SAMPLES COLLECTED IN 487–P–1 IN SEPTEMBER AND OCTOBER 2003 ARE AFTER IMPLEMENTATION OF MITIGATION MEASURES.

APPROXIMATE SCALE

25 0 25 FEET

TCE CONCENTRATIONS
487 E. MIDDLEFIELD ROAD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

REFERENCE:

– PES ENVIRONMENTAL, INC.
TITLED: AIR SAMPLE LOCATIONS AT 487 EMR
DRAWING NO. 37900401009_IA–0104, PLATE 3
DATED: JANUARY 2004

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

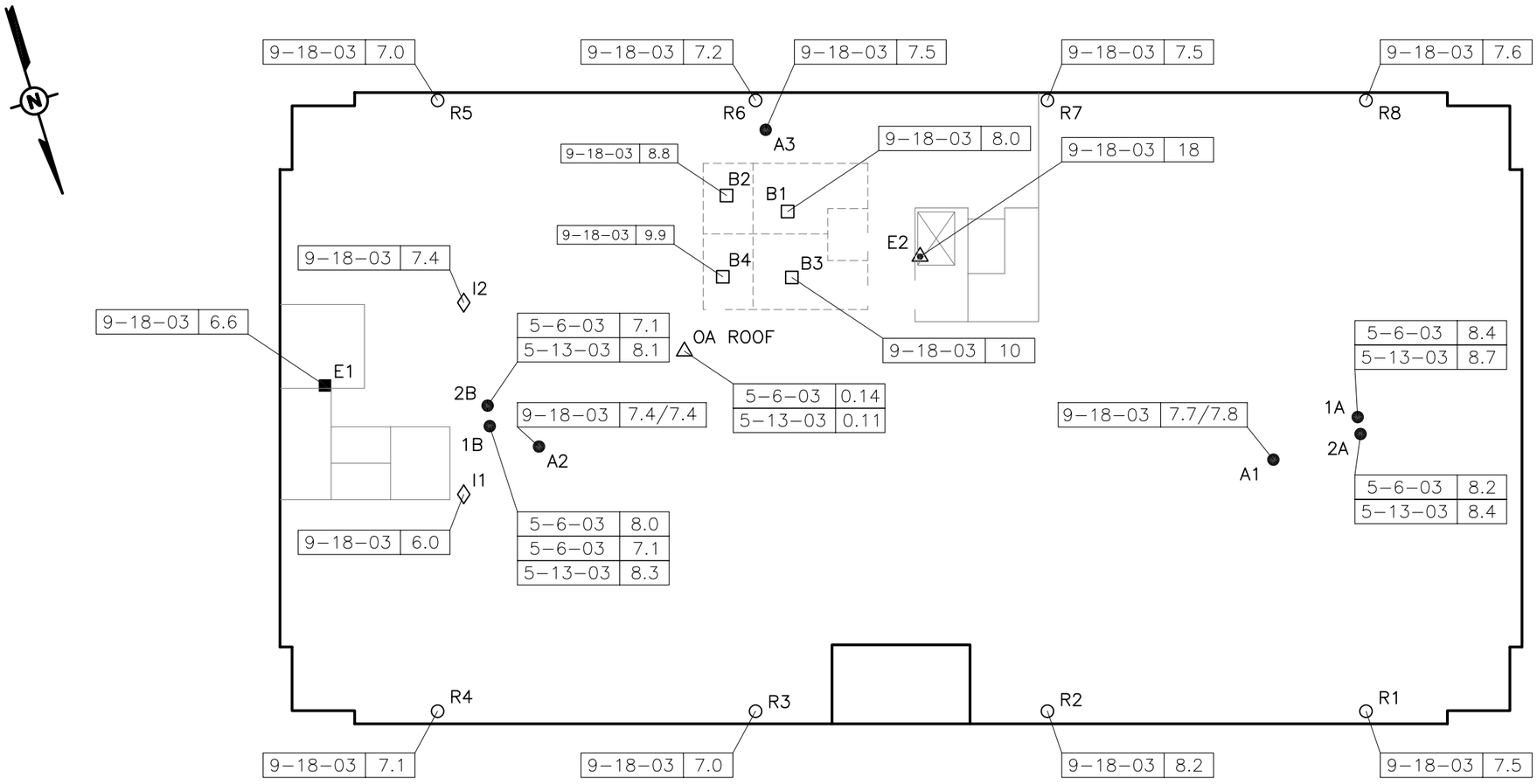
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B107

FIGURE 4–28

K:\23–007\B187.DWG 17 JUL 06



LEGEND:

- A1 — AMBIENT AIR SAMPLES
- R1 — RAIN WATER LEADERS
- I1 — COLUMNS
- B1 — RESTROOM FLOOR DRAINS
- E1 — ELECTRICAL CONDUIT
- E2 — ELEVATOR SHAFT
- 1A, 1B — FIRST FLOOR AMBIENT AIR SAMPLE
- 2A, 2B — SECOND FLOOR AMBIENT AIR SAMPLE
- OA ROOF — ROOF TOP SAMPLE

9-18-03 | 7.7/7.8
- SAMPLE COLLECTION DATE
- TCE CONCENTRATION
- LAB DUPLICATE RESULT

NOTES:

1. ALL RESULTS IN ug/m^3.

APPROXIMATE SCALE

20 0 20 FEET

TCE CONCENTRATIONS
425 NATIONAL AVENUE
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

REFERENCE:

- DRAWING PROVIDED BY GEOMATRIX CONSULTANTS, TITLED: PATHWAY SAMPLE LOCATIONS AND RESULTS PROJECT NO: 1486.001 CC, FIGURE 3

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1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

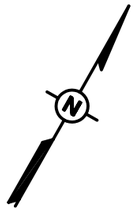
Locus TECHNOLOGIES

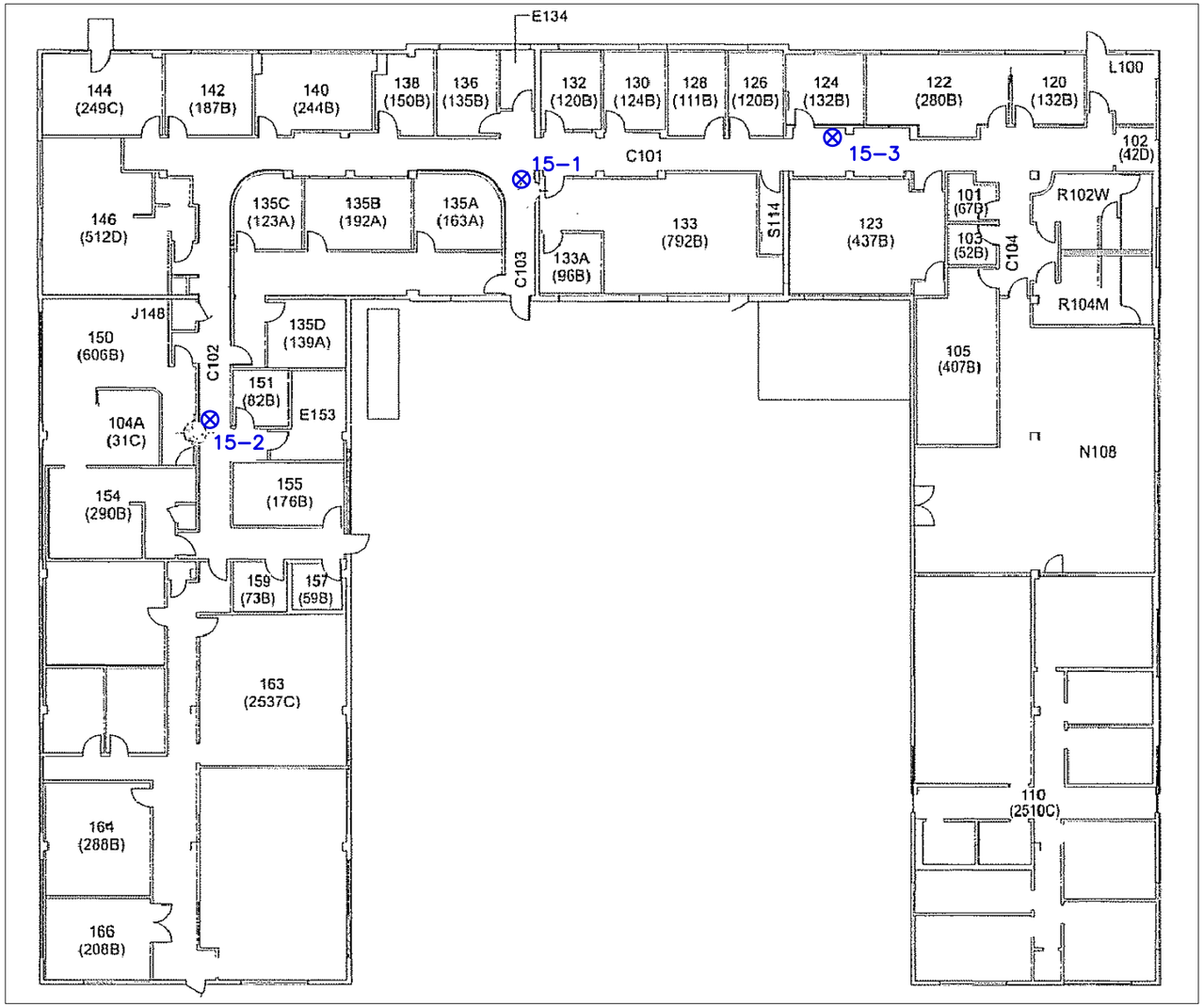
SCALE: AS SHOWN

DRAWING NO. 23-007-B84

FIGURE 4-29

K:\23-007\B84.DWG 12 JUL 06





LEGEND:

15-1 AMBIENT AIR SAMPLE

REFERENCE:

- MACTEC
  TITLED: SAMPLE LOCATIONS, BUILDING 15
  JOB NO. 4086030001 11, PLATE 3
  DATED: APRIL 2003, REVISED DECEMBER 2004

SAMPLE LOCATIONS, BUILDING 15
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

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FIGURE 4-30

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