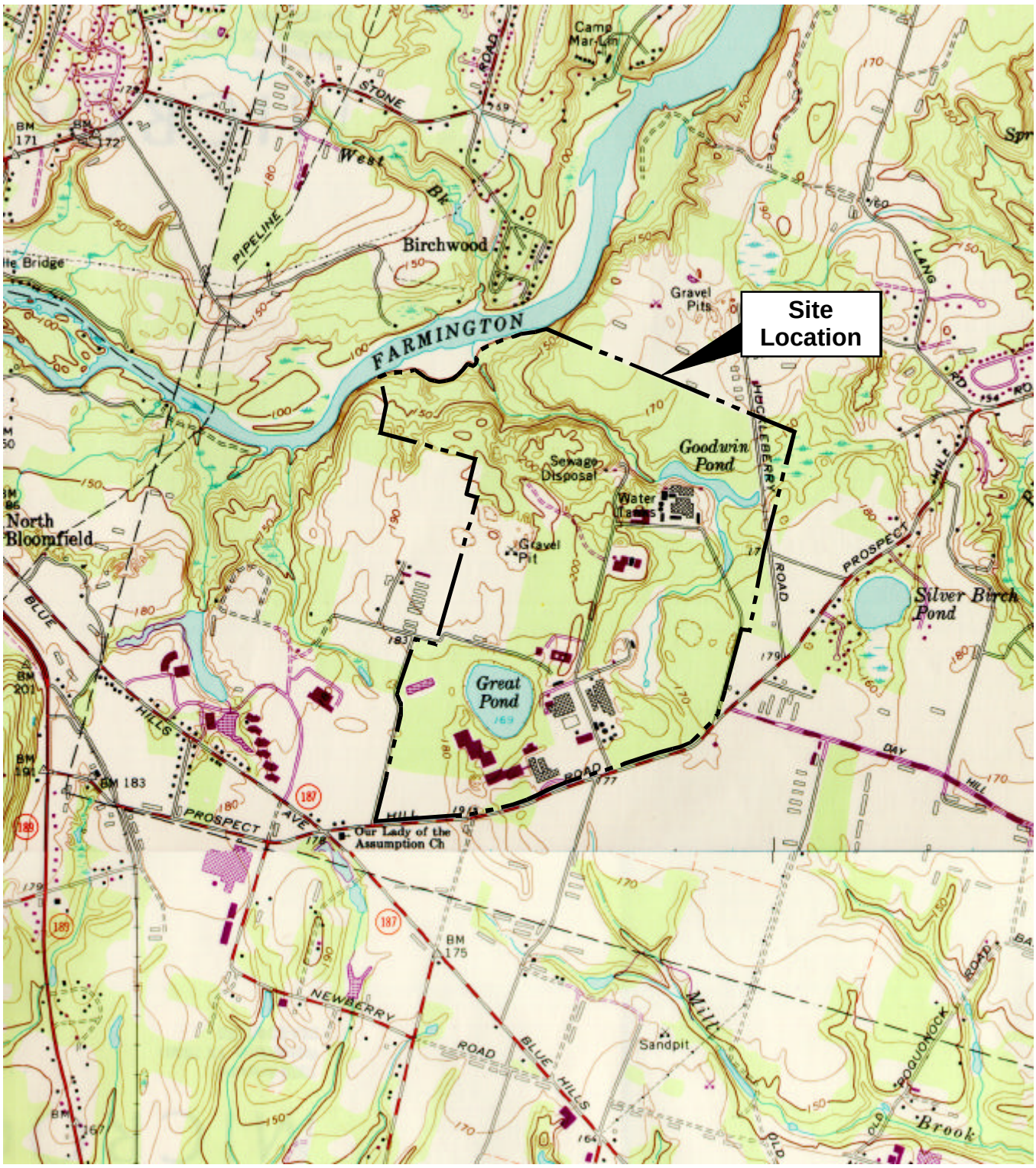


Connecticut

QuadrangleLocation

Map Source:USGSMap,WindsorLocks, Conn
Dated1964, Photorevised 1984.

N

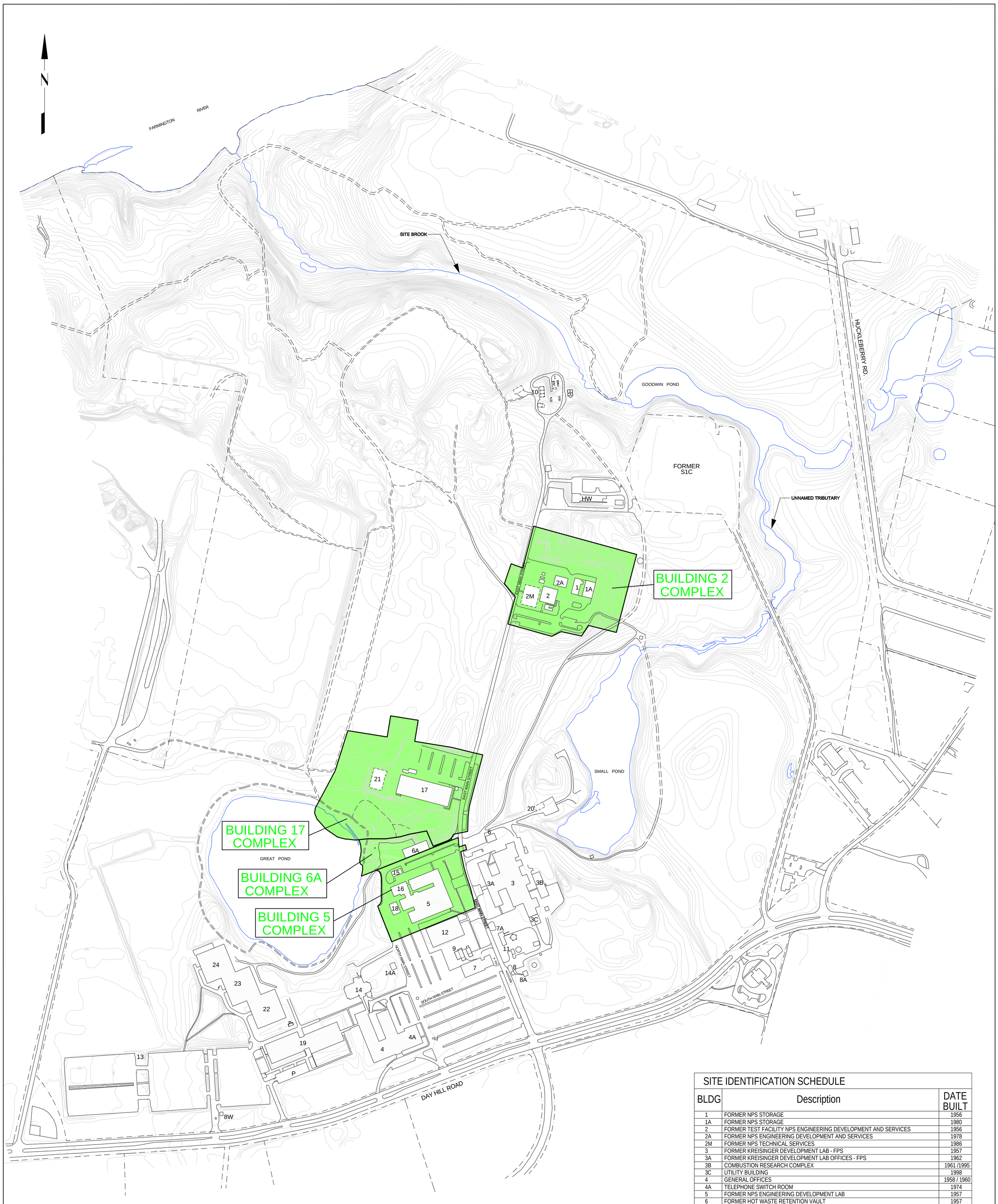
Scale in Feet

0 2,000 4,000

FIGURE 3-1
SITE LOCATION MAP
DECOMMISSIONING PLAN
CE WINDSOR SITE
WINDSOR, CONNECTICUT

MACTEC Constructors, Inc.

W2001012(c) 3



SITE IDENTIFICATION SCHEDULE

BLDG	Description	DATE BUILT
1	FORMER NPS STORAGE	1956
1A	FORMER NPS STORAGE	1980
2	FORMER TEST FACILITY NPS ENGINEERING DEVELOPMENT AND SERVICES	1956
2A	FORMER NPS ENGINEERING DEVELOPMENT AND SERVICES	1978
2M	FORMER NPS TECHNICAL SERVICES	1986
3	FORMER KREISINGER DEVELOPMENT LAB - FPS	1957
3A	FORMER KREISINGER DEVELOPMENT LAB OFFICES - FPS	1962
3B	COMBUSTION RESEARCH COMPLEX	1961 /1995
3C	UTILITY BUILDING	1998
4	GENERAL OFFICES	1958 / 1960
4A	TELEPHONE SWITCH ROOM	1974
5	FORMER NPS ENGINEERING DEVELOPMENT LAB	1957
6	FORMER HOT WASTE RETENTION VAULT	1957
6A	FACILITIES ENGINEERING & SERVICES	1957 / 1960
7	CENTRAL BOILER HOUSE & CHILLING PLANT	1956 / 1972
7A	SHIPPING & RECEIVING	1956
8	FORMER NUCLEAR EOC EQUIPMENT BUILDING	1956
8A	SECURITY CONTROL	1988
8W	GUARD GATE	1987
9	COOLING TOWERS	1957
10	FORMER SEWAGE WASTE WATER TREATMENT PLANT	1957
	FORMER INDUSTRIAL pH CONTROL TANKS	1976
11	FIRE PUMP HOUSE	1956
12	FOSSIL ENGINEERING AND DEVELOPMENT	1961
13	ATHLETIC EQUIPMENT STORAGE	1958
14	GENERAL DINING, MAIL, CREDIT UNION	1965
14A	SHOWER / LOCKER ROOM FACILITY	1985
15	FORMER FACILITIES ENGINEERING & SERVICES	1969
16	FORMER NPS ENGINEERING DEVELOPMENT LAB	1967
17	FORMER NUCLEAR PRODUCTS MFG FUEL FABRICATION	1967 / 1975
18	FORMER NPS ENGINEERING DEVELOPMENT LAB	1968
19	GENERAL OFFICES	1967
20	FORMER FACILITIES ENGINEERING & SERVICES	1967
21	FORMER NUCLEAR PRODUCTS MFG WAREHOUSE	1969
22	GENERAL OFFICES	1972
23	GENERAL OFFICES	1974
24	GENERAL OFFICES	1979
HW	FORMER HEALTHWORKS	1977

LEGEND

- EXISTING STRUCTURE
- FORMER STRUCTURE
- PROPERTY LINE
- WATER
- UNIMPROVED ROAD
- 180 GROUND SURFACE CONTOUR (ELEVATION, FEET MSL)

NOTES:

1. BASE MAP PROVIDED BY METROPOLITAN DISTRICT COMMISSION.
2. CONNECTICUT STATE PLANE NAD 1983.

0 150 300 600 FEET

FIGURE 3-2
CURRENT SITE CONDITIONS
DECOMMISSIONING PLAN
CE WINDSOR SITE
WINDSOR, CONNECTICUT

MACTEC Constructors, Inc.
A MACTEC COMPANY

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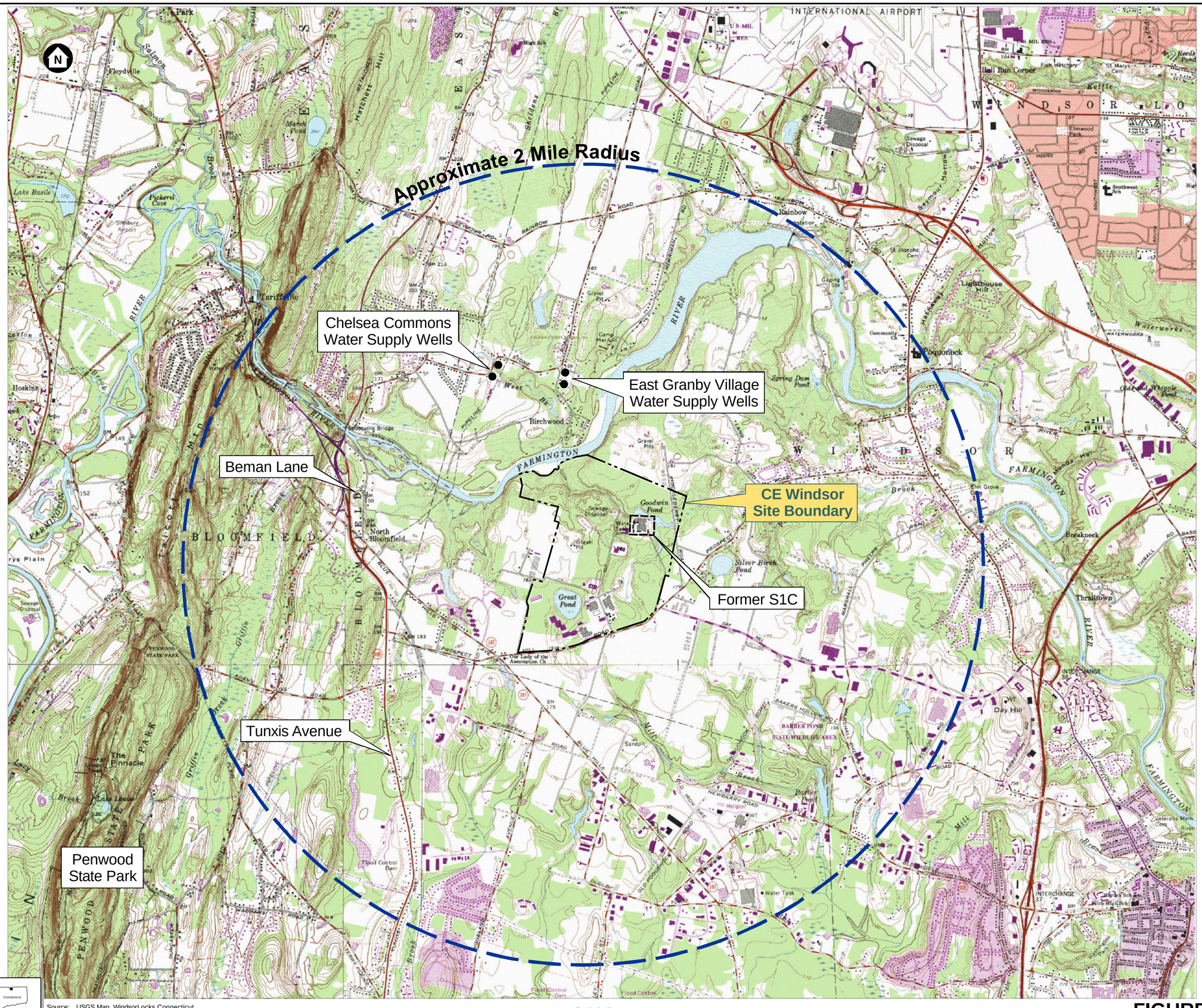
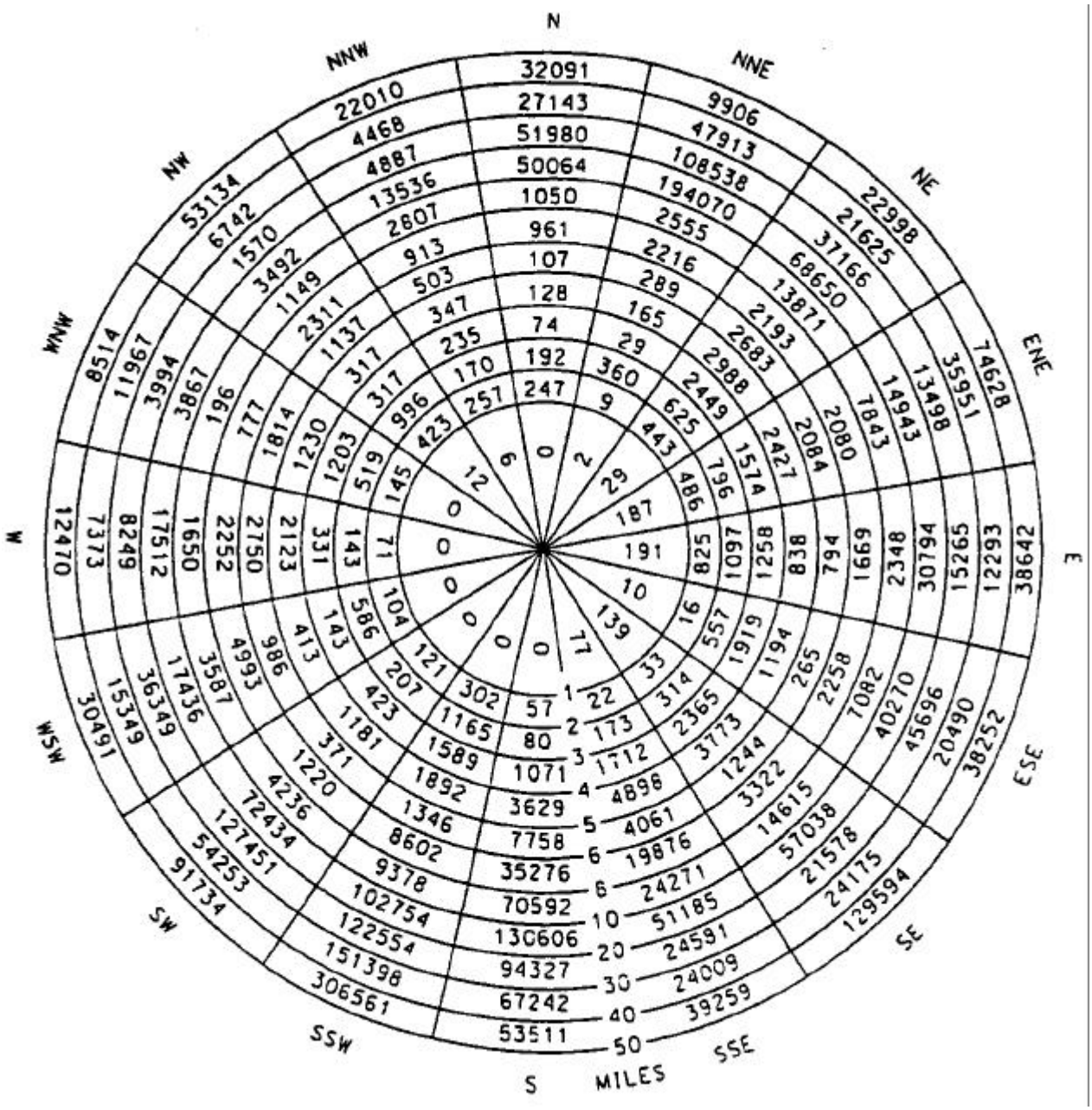


FIGURE 3-3
SURROUNDING LAND USE
DECOMMISSIONING PLAN
CE WINDSOR SITE
WINDSOR, CONNECTICUT

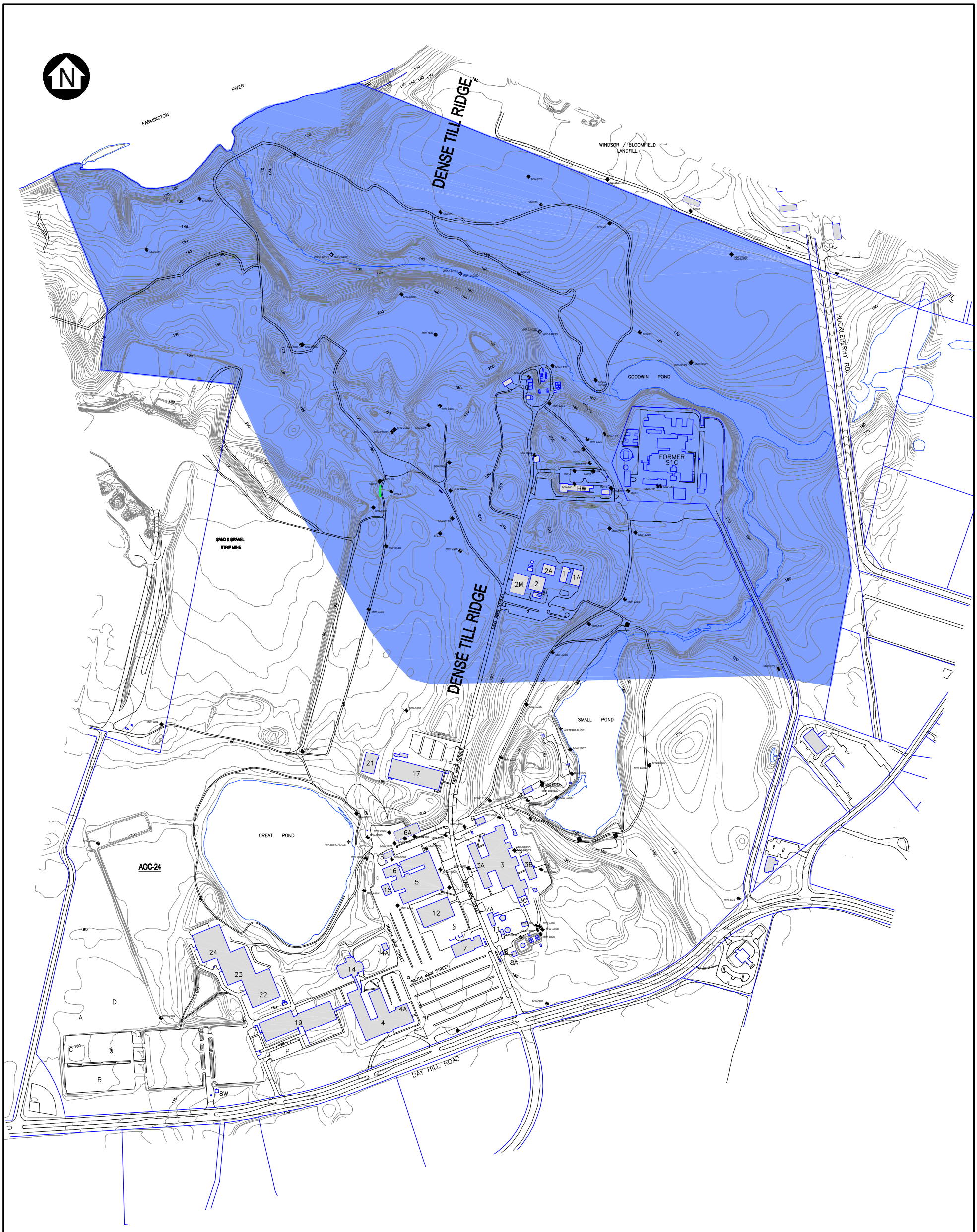
MACTEC Constructors, Inc.
A MACTEC COMPANY

W2001025(d) 2



Source: U.S. Department of Energy, Office of Naval Reactors. Environmental Impact Statement, SIC Prototype Reactor Plant Disposal, Volume 1 of 2, November 1996.

FIGURE 3-4
1990 POPULATION DISTRIBUTION WITHIN A 50-MILE RADIUS
DECOMMISSIONING PLAN
CE WINDSOR SITE
WINDSOR, CONNECTICUT



LEGEND

- AREA CLASSIFIED AS GB
- EXISTING STRUCTURE
- PROPERTY LINE
- WATER
- UNIMPROVED ROAD
- 180 GROUND SURFACE CONTOUR (ELEVATION, FEET MSL)
- MONITORING WELL

NOTES:

1. BASE MAP PROVIDED BY METROPOLITAN DISTRICT COMMISSION.
2. MONITORING WELL LOCATIONS SURVEYED BY ALFORD ASSOCIATES, AUGUST AND NOVEMBER 1998, MESSIER & ASSOCIATES, JUNE 1999, AND FUSS AND O'NEILL, JULY 1999 AND JANUARY 2000.
3. ALL SAMPLING LOCATIONS (EXCEPT FOR MONITORING WELLS) SURVEYED BY HARDING LAWSON ASSOCIATES USING GLOBAL POSITIONING SYSTEM, AUGUST 1998.

0 150 300 600 FEET

FIGURE 3-5
AREA OF GB GROUNDWATER CLASSIFICATION
DECOMMISSIONING PLAN
CE WINDSOR SITE
WINDSOR, CONNECTICUT

MACTEC Constructors, Inc.
A MACTEC Company

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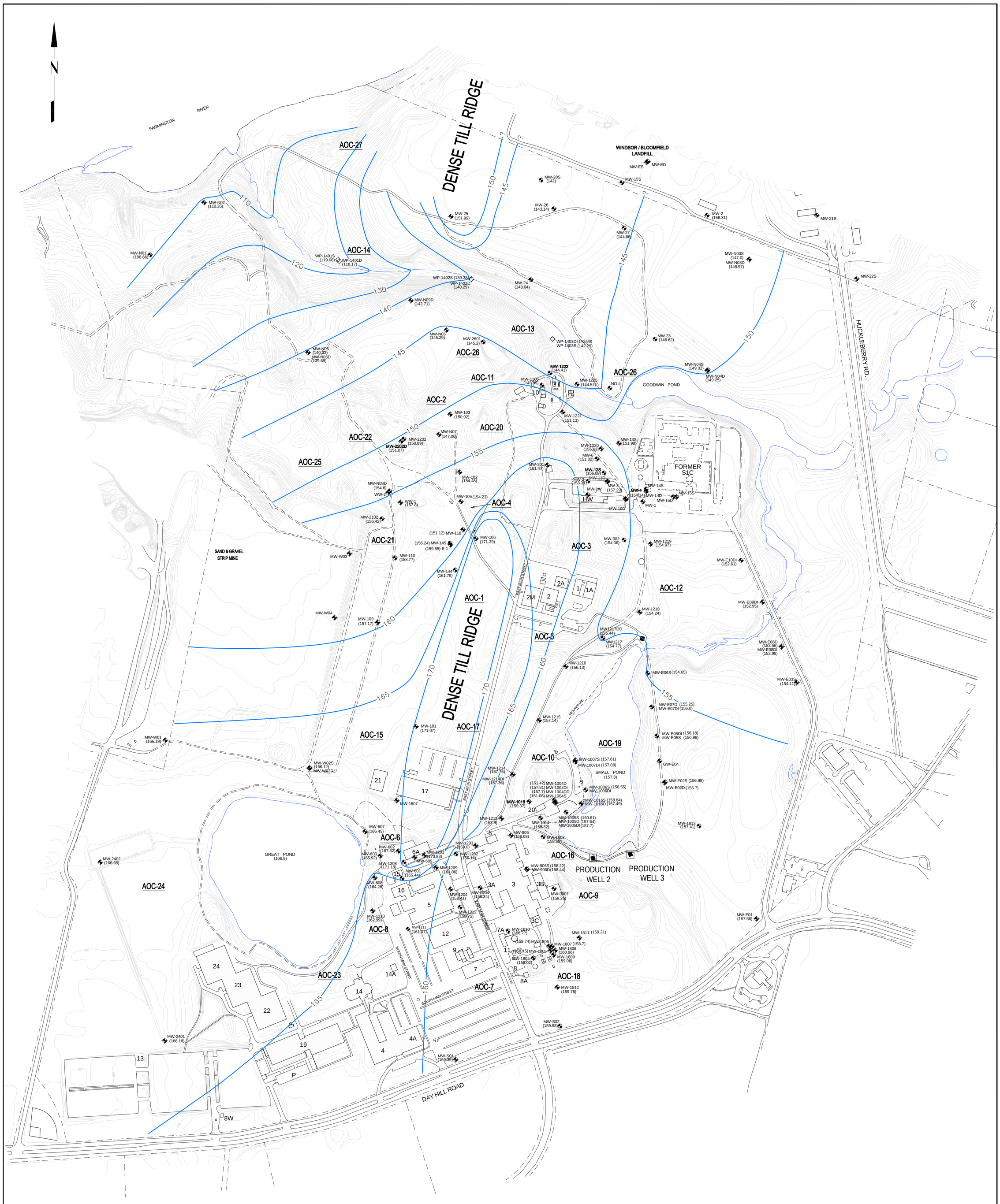

LEGEND

- 145 — INTERPRETED GROUNDWATER SURFACE CONTOUR
- (168.5) GROUNDWATER ELEVATION FT(MSL) OCTOBER 3-4, 2001
- EXISTING STRUCTURE
- FORMER STRUCTURE
- MONITORING WELL
- PROPERTY LINE
- WATER
- UNIMPROVED ROAD
- 180 GROUND SURFACE CONTOUR (ELEVATION, FEET MSL)

NOTES:

1. BASE MAP PROVIDED BY METROPOLITAN DISTRICT COMMISSION.
2. MONITORING WELL LOCATIONS SURVEYED BY ALFORD ASSOCIATES, AUGUST 1998 AND NOVEMBER 1999, MESSIER & ASSOCIATES, JUNE 1999, AND FUSS AND O'NEILL, 1999 - 2001.
3. CONNECTICUT STATE PLANE NAD 1983.

0 150 300 600 FEET

FIGURE 3-6
INTERPRETED GROUNDWATER CONTOURS
OCTOBER 2001
DECOMMISSIONING PLAN
CE WINDSOR SITE
WINDSOR, CONNECTICUT

MACTEC Constructors, Inc.
A MACTEC COMPANY

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LEGEND

- 158 — INTERPRETED PIEZOMETRIC ELEVATION CONTOUR CONTOUR
- (168.5) GROUNDWATER ELEVATION FT(MSL) JULY 16, 2001
- EXISTING STRUCTURE
- FORMER STRUCTURE
- MONITORING WELL
- PROPERTY LINE
- WATER
- UNIMPROVED ROAD
- 180 GROUND SURFACE CONTOUR (ELEVATION, FEET MSL)

NOTES:

1. BASE MAP PROVIDED BY METROPOLITAN DISTRICT COMMISSION.
2. MONITORING WELL LOCATIONS SURVEYED BY ALFORD ASSOCIATES, AUGUST 1998 AND NOVEMBER 1999, MESSIER & ASSOCIATES, JUNE 1999, AND FUSS AND O'NEILL, 1999-2001.
3. CONNECTICUT STATE PLANE NAD 1983.

0 150 300 600 FEET

FIGURE 3-7
INTERPRETED PIEZOMETRIC CONTOURS IN
INTERMEDIATE DEPTH MONITORING WELLS, JULY 2001
DECOMMISSIONING PLAN
CE WINDSOR SITE
WINDSOR, CONNECTICUT

MACTEC Constructors, Inc.
A MACTEC COMPANY

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