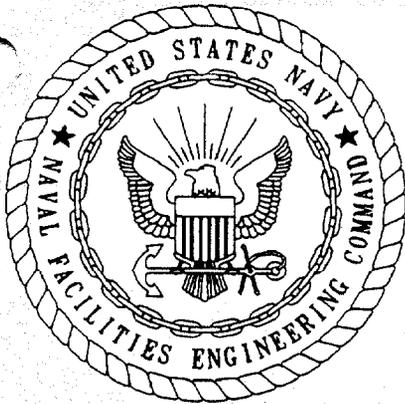


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FINAL BASE REALIGNMENT AND CLOSURE ENVIRONMENTAL SITE SCREENING  
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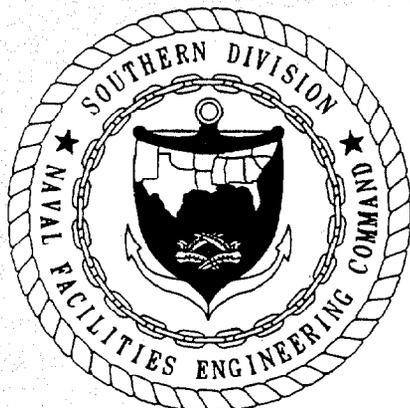
**BASE REALIGNMENT AND CLOSURE  
ENVIRONMENTAL SITE SCREENING REPORT**

**STUDY AREA 34**

**NAVAL TRAINING CENTER  
ORLANDO, FLORIDA**

**UNIT IDENTIFICATION CODE: N65928  
CONTRACT NO.: N62467-89-D-0317/107**

**MARCH 1998**



**SOUTHERN DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
NORTH CHARLESTON, SOUTH CAROLINA  
29419-9010**

**BASE REALIGNMENT AND CLOSURE  
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**STUDY AREA 34**

**NAVAL TRAINING CENTER  
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**Prepared by:**

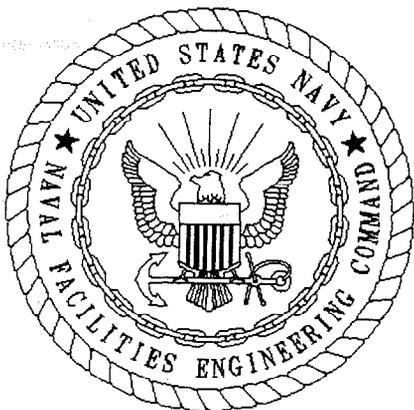
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**Prepared for:**

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North Charleston, South Carolina 29418**

**Barbara Nwokike, Code 1873, Engineer-in-Charge**

**March 1998**



CERTIFICATION OF TECHNICAL  
DATA CONFORMITY (MAY 1987)

The Contractor, ABB Environmental Services, Inc., hereby certifies that, to the best of its knowledge and belief, the technical data delivered herewith under Contract No. N62467-89-D-0317/107 are complete and accurate and comply with all requirements of this contract.

DATE: March 23, 1998

NAME AND TITLE OF CERTIFYING OFFICIAL: John Kaiser  
Task Order Manager

NAME AND TITLE OF CERTIFYING OFFICIAL: Richard Allen  
Project Technical Lead

(DFAR 252.227-7036)

TABLE OF CONTENTS

BRAC Environmental Site Screening Report  
Study Area 34  
Naval Training Center  
Orlando, Florida

<u>Chapter</u>	<u>Title</u>	<u>Page No.</u>
1.0	STUDY AREA 34, BUILDING 2024, SUPPLY ADMINISTRATION BUILDING . . . . .	1-1
1.1	STUDY AREA 34, BACKGROUND AND CONDITIONS . . . . .	1-1
1.2	STUDY AREA 34, INVESTIGATION SUMMARY . . . . .	1-1
1.3	STUDY AREA 34, CONCLUSIONS AND RECOMMENDATIONS . . . . .	1-4

REFERENCES

LIST OF FIGURES

BRAC Environmental Site Screening Report  
Study Area 34  
Naval Training Center  
Orlando, Florida

<u>Figure</u>	<u>Title</u>	<u>Page No.</u>
1	Location of Study Area 34 . . . . .	1-2
2	Study Area 34, Building 2024, Supply Administration Building, Main Base . . . . .	1-3

GLOSSARY

ABB-ES      ABB Environmental Services, Inc.

## 1.0 STUDY AREA 34, BUILDING 2024, SUPPLY ADMINISTRATION BUILDING

This report contains information gathered as a result of site screening activities conducted at Study Area 34. The proposed site screening activities were presented in the Site Screening Plan (ABB Environmental Services, Inc. [ABB-ES], 1995).

1.1 STUDY AREA 34, BACKGROUND AND CONDITIONS. This section includes a brief background summary for Study Area 34. Further details can be found in the Site Screening Plan (ABB-ES, 1995).

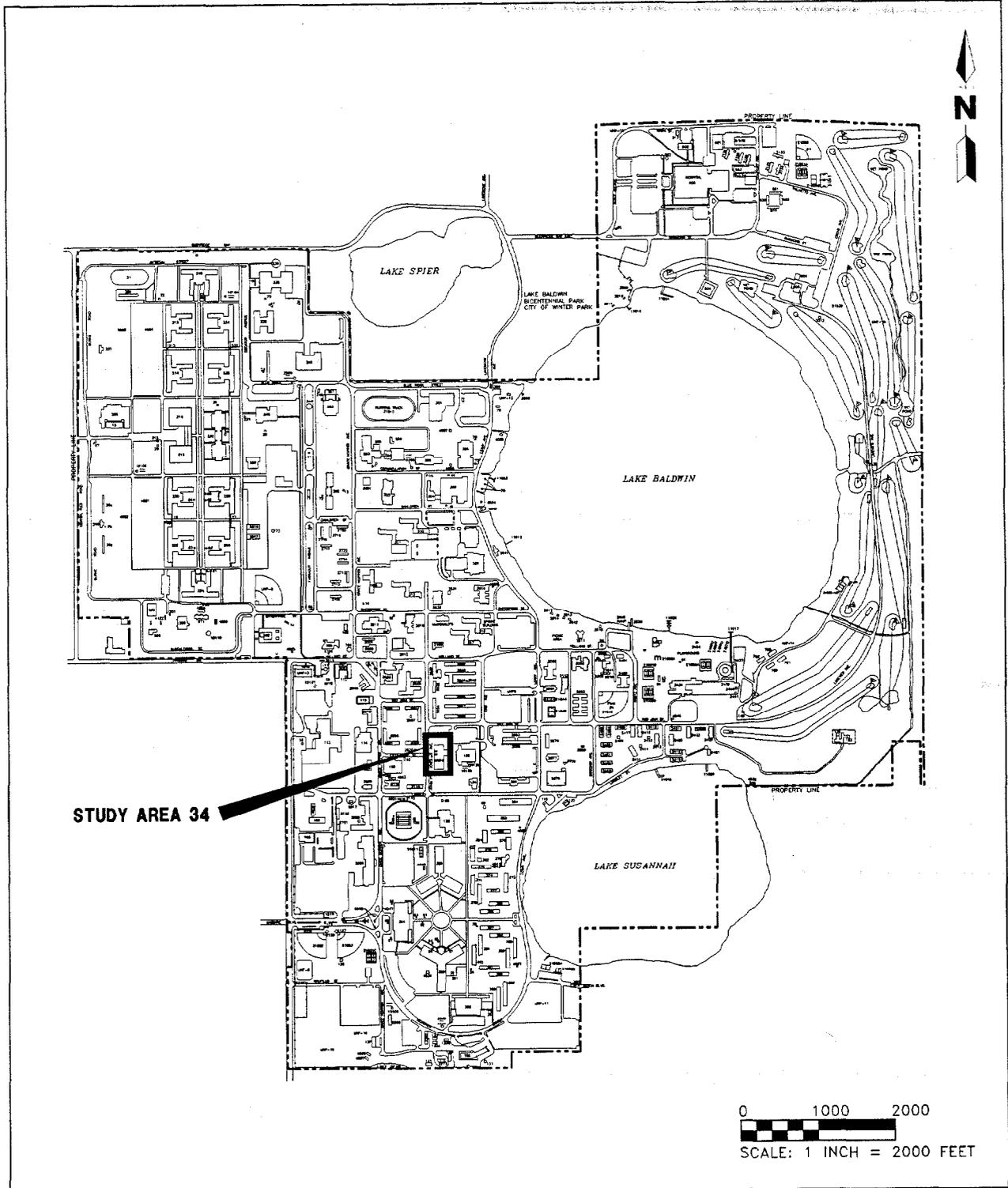
Study Area 34 is located east of John Paul Jones Avenue and south of Iwo Jima Street in the central part of the Main Base (Figure 1). An office building, Building 2024, was built at the site in 1945. Since its construction, Building 2024 has housed various administrative groups. A gasoline filling station, Building 2033, was formerly located to the south of Building 2024, beneath the parking lot at the corner of John Paul Jones Avenue and Langley Street. This area was investigated as part of the underground storage tank program, with no evidence of petroleum contamination detected (ABB-ES, 1996).

Activities at Building 2024 were primarily clerical, and available historical documents do not indicate the use, storage, or handling of hazardous materials at the site. The main environmental concern at Study Area 34 is two wells installed in the 1960s as part of an air conditioning system. The supply well and suspected drainage well are located on the eastern side of the building (Figure 2). No as-built drawings were located to indicate the actual construction details of the wells. The supply well is currently out of service, and an electric pump motor remains on top of the well casing, preventing access to the well. Construction drawings suggest that a drainage well was installed on the east side of Building 2024 along with the supply well. Other drawings indicate a sanitary sewer connection on the east side of the building. It is unclear which, if either, of these systems was completed for handling discharge water from the air conditioning system.

1.2 STUDY AREA 34, INVESTIGATION SUMMARY. A site walkover was conducted to determine the status of each well and general site conditions. The current air conditioning system for Building 2024 does not use either of the wells being investigated.

The supply well is currently out of service. The well consists of an electric motor mounted on a concrete pad above the well casing. The electric motor was used to power a downhole turbine pump. The electric supply wires to the pump motor were cut at some time in the past. The electric motor prevents access to the well, preventing any measurements (water table or depth) or sampling from the well.

Surface indications of the suspected drainage well include a vent pipe on the eastern side of Building 2024 and a 4-inch-diameter pipe nearly flush with the ground surface. A pipe and cable locator was used to trace pipes in the area in an attempt to determine if any buried piping was related to the suspected drainage well. The pipe and cable locator survey proved inconclusive due to the



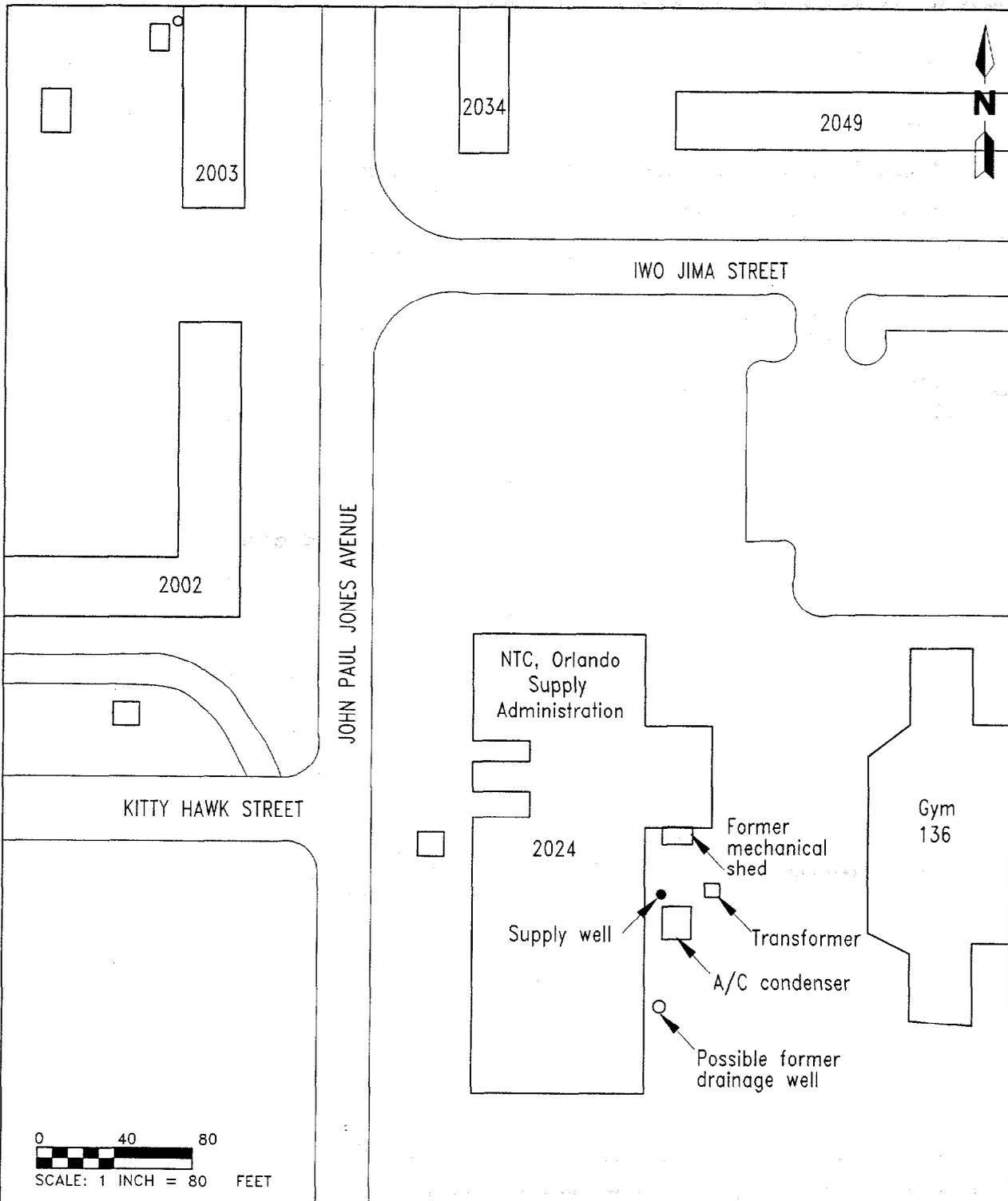
**FIGURE 1**  
**LOCATION OF STUDY AREA 34**



**BASE REALIGNMENT AND CLOSURE  
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 REPORT, STUDY AREA 34**

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**FIGURE 2**  
**STUDY AREA 34, BUILDING 2024**  
**SUPPLY ADMINISTRATION BUILDING, MAIN BASE**



**BASE REALIGNMENT AND CLOSURE  
 ENVIRONMENTAL SITE SCREENING  
 REPORT, STUDY AREA 34**

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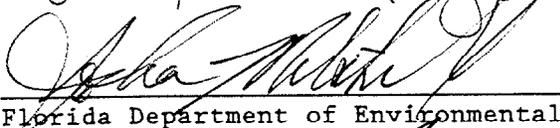
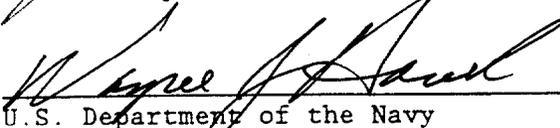
presence of other buried utilities in the area. A hand excavation was made at the 4-inch-diameter pipe to determine if it was connected to the sanitary sewer. The excavation crew was unable to dig to sufficient depth to verify a connection to the sewer system.

**1.3 STUDY AREA 34, CONCLUSIONS AND RECOMMENDATIONS.** Evaluation of past site practices and current site conditions indicates little likelihood of any release to environmental media at Study Area 34. Historically, Building 2024 housed clerical operations for the Naval Training Center supply branch, and there is no indication of use, storage, or handling of hazardous materials at the site.

The main environmental concern at the site is two wells installed in the 1960s as part of an air conditioning system. The Navy has contracted with the St. Johns River Water Management District to log and abandon the supply well. The Navy Public Works Department will conduct an excavation to determine if the drainage well is connected to the sanitary sewer system.

ABB-ES recommends that Study Area 34 be made eligible for transfer, and that the site be reclassified from 7/Grey to 1/White.

The undersigned members of the Orlando Partnering Team concur with the findings and recommendations of the preceding investigation.

<u>STUDY AREA 34</u>	
 _____ U.S. Environmental Protection Agency, Region IV	<u>3/19/98</u> _____ Date
 _____ Florida Department of Environmental Protection	<u>3/19/98</u> _____ Date
 _____ U.S. Department of the Navy	<u>3/17/98</u> _____ Date

REFERENCES

ABB Environmental Services, Inc. (ABB-ES) 1995. *Site Screening Plan, Groups I through IV Study Areas and Miscellaneous Additional Sites, Naval Training Center (NTC), Orlando, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM), North Charleston, South Carolina.

ABB-ES. 1996. *Tank Closure Assessment Report, Building 2033, Naval Training Center (NTC), Orlando, Florida.* Prepared for SOUTHNAVFACENGCOM, Charleston, South Carolina.