INDIVIDUAL PROPERTY/DISTRICT
MARYLAND HISTORICAL TRUST
INTERNAL NR-ELIGIBILITY REVIEW FORM

Property/District Name: Bldgs. NA60, NA68, & NA69 Naval Radio Transmitter Facility Survey Number: AA-2189

Project: Architectural Inventory and Evaluation Agency: Navy

Site visit by MHT Staff: _x_ no ___ yes Name _____ Date _____

Eligibility recommended _x_ Eligibility **not** recommended _____

Criteria: _x_A ___B _x_C ___D Considerations: ___A ___B ___C ___D ___E ___F ___G ___None

Justification for decision: (Use continuation sheet if necessary and attach map)

Based on the draft report, "Architectural Inventory and Evaluation of Antenna Structures, Naval Radio Transmitter Facility (NRTF) Annapolis, Maryland," prepared by R. Christopher & Associates and dated 5 Dec 1995, the World War II-era "Marconi" Triatic antenna and associated buildings 60, 68, and 69 are eligible for the National Register as a multiple component property. The antenna and buildings date to 1941-1942 and are historically associated with Naval communications support during World War II, thus meeting Criterion A. The antenna, a low-frequency transmitter, is also significant as an intact, distinguisable example of a World War II-era triatic anntenna system (Criterion C).

Documentation on the property/district is presented in: Architectural Inventory and Evaluation of Antenna Structures, Naval Radio Transmitter Facility (NRTF), Annapolis, MD

Prepared by: R. Christopher Goodwin & Associates

David Blick/Jo Ellen Freese — February 12, 1996
Reviewer, Office of Preservation Services — Date

NR program concurrence: ✓ yes ___ no ___ not applicable

Charles Phelps — Feb. 13, 1996.
Reviewer, NR program — Date

Survey No. AA-2189

MARYLAND COMPREHENSIVE HISTORIC PRESERVATION PLAN DATA - HISTORIC CONTEXT

I. Geographic Region:

____	Eastern Shore	(all Eastern Shore counties, and Cecil)
x	Western Shore	(Anne Arundel, Calvert, Charles, Prince George's and St. Mary's)
____	Piedmont	(Baltimore City, Baltimore, Carroll, Frederick, Harford, Howard, Montgomery)
____	Western Maryland	(Allegany, Garrett and Washington)

II. Chronological/Developmental Periods:

____	Paleo-Indian	10000-7500 B.C.
____	Early Archaic	7500-6000 B.C.
____	Middle Archaic	6000-4000 B.C.
____	Late Archaic	4000-2000 B.C.
____	Early Woodland	2000-500 B.C.
____	Middle Woodland	500 B.C. - A.D. 900
____	Late Woodland/Archaic	A.D. 900-1600
____	Contact and Settlement	A.D. 1570-1750
____	Rural Agrarian Intensification	A.D. 1680-1815
____	Agricultural-Industrial Transition	A.D. 1815-1870
____	Industrial/Urban Dominance	A.D. 1870-1930
x	Modern Period	A.D. 1930-Present
____	Unknown Period (___ prehistoric	___ historic)

III. Prehistoric Period Themes:

____	Subsistence
____	Settlement
____	Political
____	Demographic
____	Religion
____	Technology
____	Environmental Adaptation

IV. Historic Period Themes:

____	Agriculture
____	Architecture, Landscape Architecture, and Community Planning
____	Economic (Commercial and Industrial)
____	Government/Law
x	Military
____	Religion
____	Social/Educational/Cultural
____	Transportation

V. Resource Type:

Category: Structure and buildings

Historic Environment: Rural

Historic Function(s) and Use(s): Defense - Naval facility

Known Design Source: Department of the Navy, Bureau of Yards and Docks

9701057

INDIVIDUAL PROPERTY/DISTRICT
MARYLAND HISTORICAL TRUST
INTERNAL NR-ELIGIBILITY REVIEW FORM

Property/District Name: Building NA68, Naval Radio Transmitter Facility, North Severn Survey Number: AA-2189

Project: Demolition Agency: NAVY

Site visit by MHT Staff: _X_ no ___ yes Name _____ Date _____

Eligibility recommended __X__ Eligibility **not** recommended _____

Criteria: ___A ___B ___C ___D Considerations: ___A ___B ___C ___D ___E ___F ___G ___None

Justification for decision: (Use continuation sheet if necessary and attach map)

Building NA68, located at the ~~Naval Air Station~~ Naval Radio Transmitter Facility in the North Severn area of the US Naval Academy in Anne Arundel County, is not located within the boundaries of a National Register-eligible historic district, but is considered eligible for individual listing on the National Register of Historic Places.

Built in 1942, Building NA68 is a rectangular red brick building measuring 22 feet by 30 feet and rising 30 feet in height. The building is windowless and consists of a single space with no interior dividing walls. The roof is flat and is made of copper. Paired heavy copper doors are located on the south facade of the simple structure.

The building was constructed, along with an almost identical structure (NA69) were built in 1942 as helixes for a low frequency transmitter. The buildings were additions to the NRTF administration building. The helix houses constitute a relatively intact example of a low frequency Marconi triatic antenna system; the primary use of the LF transmitters was as an air-to-ground contingency communications system. The helix house is an integral part of the transmitter system and is eligible for listing on the Register under Criterion A.

Documentation on the property/district is presented in: Review and Compliance Files

Prepared by: Greenhorn and O'Mara, DOE Report "Historic Resources and Determinations of Effects Report, Demolition of Various Buildings, United States Naval Academy, Annapolis, MD," March 1997.

Kimberly Prothro Williams — May 21, 1997
Reviewer, Office of Preservation Services — Date

NR program concurrence: X yes ___ no ___ not applicable

[signature] — 5/22/97
Reviewer, NR program — Date

Survey No. AA- 2189

MARYLAND COMPREHENSIVE HISTORIC PRESERVATION PLAN DATA - HISTORIC CONTEXT

I. Geographic Region:

____	Eastern Shore	(all Eastern Shore counties, and Cecil)
X	Western Shore	(Anne Arundel, Calvert, Charles, Prince George's and St. Mary's)
____	Piedmont	(Baltimore City, Baltimore, Carroll, Frederick, Harford, Howard, Montgomery)
____	Western Maryland	(Allegany, Garrett and Washington)

II. Chronological/Developmental Periods:

____	Paleo-Indian	10000-7500 B.C.
____	Early Archaic	7500-6000 B.C.
____	Middle Archaic	6000-4000 B.C.
____	Late Archaic	4000-2000 B.C.
____	Early Woodland	2000-500 B.C.
____	Middle Woodland	500 B.C. - A.D. 900
____	Late Woodland/Archaic	A.D. 900-1600
____	Contact and Settlement	A.D. 1570-1750
____	Rural Agrarian Intensification	A.D. 1680-1815
____	Agricultural-Industrial Transition	A.D. 1815-1870
____	Industrial/Urban Dominance	A.D. 1870-1930
X	Modern Period	A.D. 1930-Present
____	Unknown Period (___ prehistoric	___ historic)

III. Prehistoric Period Themes:

____	Subsistence
____	Settlement
____	Political
____	Demographic
____	Religion
____	Technology
____	Environmental Adaptation

IV. Historic Period Themes:

____	Agriculture
X	Architecture, Landscape Architecture, and Community Planning
____	Economic (Commercial and Industrial)
____	Government/Law
X	Military
____	Religion
____	Social/Educational/Cultural
____	Transportation

V. Resource Type:

Category: Structure

Historic Environment: Military base

Historic Function(s) and Use(s): Military/Radio Transmission Building

Known Design Source: _____

9701057

INDIVIDUAL PROPERTY/DISTRICT
MARYLAND HISTORICAL TRUST
INTERNAL NR-ELIGIBILITY REVIEW FORM

Property/District Name: Building NA69, Naval Radio Transmitter Facility, North Severn Survey Number: AA2189

Project: Demolition Agency: NAVY

Site visit by MHT Staff: X no ___ yes Name _____ Date _____

Eligibility recommended X Eligibility **not** recommended _____

Criteria: ___A ___B ___C ___D Considerations: ___A ___B ___C ___D ___E ___F ___G ___None

Justification for decision: (Use continuation sheet if necessary and attach map)

Building NA69, located at the ~~Naval Air Station~~ Naval Radio Transmitter Facility in the North Severn area of the US Naval Academy in Anne Arundel County, is not located within the boundaries of a National Register-eligible historic district, but is considered eligible for individual listing on the National Register of Historic Places.

Built in 1942, Building NA69 is a rectangular red brick building measuring 22 feet by 30 feet and rising 30 feet in height. The building is windowless and consists of a single space with no interior dividing walls. The roof is flat and is made of copper. Paired heavy copper doors are located on the south facade of the simple structure.

The building was constructed, along with an almost identical structure (NA68), as helixes for low frequency transmitter. The buildings were additions to the NRTF administration building. The helix houses constitute a relatively intact example of a low frequency Marconi triatic antenna system; the primary use of the LF transmitters was as an air-to-ground contingency communications system. The helix house is an integral part of the transmitter system and is eligible for listing on the Register under Criterion A.

Documentation on the property/district is presented in: Review and Compliance Files

Prepared by: Greenhorn and O'Mara, DOE Report "Historic Resources and Determinations of Effects Report, Demolition of Various Buildings, United States Naval Academy, Annapolis, MD," March 1997.

Kimberly Prothro Williams — May 21, 1997
Reviewer, Office of Preservation Services — Date

NR program concurrence: X yes ___ no ___ not applicable

[signature] — 5/22/97
Reviewer, NR program — Date

Survey No. AA-2189

MARYLAND COMPREHENSIVE HISTORIC PRESERVATION PLAN DATA - HISTORIC CONTEXT

I. Geographic Region:

____	Eastern Shore	(all Eastern Shore counties, and Cecil)
X	Western Shore	(Anne Arundel, Calvert, Charles, Prince George's and St. Mary's)
____	Piedmont	(Baltimore City, Baltimore, Carroll, Frederick, Harford, Howard, Montgomery)
____	Western Maryland	(Allegany, Garrett and Washington)

II. Chronological/Developmental Periods:

____	Paleo-Indian	10000-7500 B.C.
____	Early Archaic	7500-6000 B.C.
____	Middle Archaic	6000-4000 B.C.
____	Late Archaic	4000-2000 B.C.
____	Early Woodland	2000-500 B.C.
____	Middle Woodland	500 B.C. - A.D. 900
____	Late Woodland/Archaic	A.D. 900-1600
____	Contact and Settlement	A.D. 1570-1750
____	Rural Agrarian Intensification	A.D. 1680-1815
____	Agricultural-Industrial Transition	A.D. 1815-1870
____	Industrial/Urban Dominance	A.D. 1870-1930
X	Modern Period	A.D. 1930-Present
____	Unknown Period (___ prehistoric	___ historic)

III. Prehistoric Period Themes:

____	Subsistence
____	Settlement
____	Political
____	Demographic
____	Religion
____	Technology
____	Environmental Adaptation

IV. Historic Period Themes:

____	Agriculture
X	Architecture, Landscape Architecture, and Community Planning
____	Economic (Commercial and Industrial)
____	Government/Law
X	Military
____	Religion
____	Social/Educational/Cultural
____	Transportation

V. Resource Type:

Category: Structure

Historic Environment: Military base

Historic Function(s) and Use(s): Military/Radio Transmission Building

Known Design Source: _____

MARYLAND INVENTORY OF HISTORIC PROPERTIES

Survey No. AA-2189

Magi No.

DOE ___yes ___no

Maryland Historical Trust State Historic Sites Inventory Form

1. Name (indicate preferred name)

historic LF Transmitter Building

and/or common Buildings NA60, NA68, & NA69

2. Location

street & number Bullard Boulevard ___ **not for publication**

city, town Annapolis X **vicinity of** **congressional district**

state Maryland **county** Anne Arundel

3. Classification

Category	Ownership	Status	Present Use	
___ district	X public	X occupied	___ agriculture	___ museum
X building(s)	___ private	___ unoccupied	___ commercial	___ park
___ structure	___ both	___ work in progress	___ educational	___ private residence
___ site	**Public Acquisition**	**Accessible**	___ entertainment	___ religious
___ object	___ in process	X yes: restricted	___ government	___ scientific
	___ being considered	___ yes: unrestricted	___ industrial	___ transportation
	___ not applicable	___ no	X military	___ other:

4. Owner of Property (give names and mailing addresses of all owners)

name USNA North Severn

street & number telephone no.:

city, town Annapolis state and zip code MD 21402-5013

5. Location of Legal Description

courthouse, registry of deeds, etc. Building 265 liber

street & number USNA North Severn folio

city, town Annapolis **state** MD

6. Representation in Existing Historical Surveys

title NRTF Annapolis Cultural Resources Survey

date 1996 X **federal** ___ **state** ___ **county** ___ **local**

pository for survey records R. Christopher Goodwin & Assoc., Inc.

city, town Frederick **state** MD

7. Description

Survey No. AA-2189

Condition		Check one	Check one
___ excellent	___ deteriorated	___ unaltered	X original site
X good	___ ruins	X altered	___ moved date of move _____
___ fair	___ unexposed		

Prepare both a summary paragraph and a general description of the resource and its various elements as it exists today.

See Continuation Sheet

8. Significance

Survey No. AA-2189

Period	Areas of Significance—Check and justify below			
___ prehistoric	___ archeology-prehistoric	___ community planning	___ landscape architecture	___ religion
___ 1400–1499	___ archeology-historic	___ conservation	___ law	___ science
___ 1500–1599	___ agriculture	___ economics	___ literature	___ sculpture
___ 1600–1699	___ architecture	___ education	___ military	___ social/ humanitarian
___ 1700–1799	___ art	___ engineering	___ music	___ theater
___ 1800–1899	___ commerce	___ exploration/settlement	___ philosophy	___ transportation
___ 1900–	___ communications	___ industry	___ politics/government	___ other (specify)
		___ invention		

Specific dates **Builder/Architect**

check: Applicable Criteria: __A __B __C __D
and/or
Applicable Exception: __A __B __C __D __E __F __G

Level of Significance: __national __state __local

Prepare both a summary paragraph of significance and a general statement of history and support.

9. Major Bibliographical References

Survey No AA-2189

10. Geographical Data

Acreage of nominated property _____

Quadrangle name Annapolis, MD **Quadrangle scale** 1: 24,000

UTM **References** do NOT complete UTM references

	Zone	Easting	Northing		Zone	Easting	Northing
A				B			
C				D			
E				F			
G				H			

Verbal boundary description and justification

List all states and counties for properties overlapping state or county boundaries

state	code	county	code
state	code	county	code

11. Form Prepared By

name/title Stuart Paul Dixon/Senior Historian

organization KCI Technologies, Inc. **date** December 4,1995

street & number 5001 Louise Drive, Suite 201 **telephone** (717) 691-1340

city or town Mechanicsburg **state** PA 17055

The Maryland Historic Sites Inventory was officially created by an Act of the Maryland Legislature to be found in the Annotated Code of Maryland, Article 41, Section 181 KA, 1974 supplement.

The survey and inventory are being prepared for information and record purposes only and do not constitute any infringement of individual property rights.

return to: Maryland Historical Trust
Shaw House
21 State Circle
Annapolis, Maryland 21401
(301) 269-2438

MARYLAND HISTORICAL TRUST
DHCP/DHCD
100 COMMUNITY PLACE
CROWNSVILLE, MD 21032-2023
514-7600

PS-2746

MD State Historic Sites Inventory Form
Continuation Sheet 7.1

MHT # AA: 2189
Building NA60
LF Transmitter Building
Anne Arundel County

DESCRIPTION

Contributing Resource Count: 3

Built in 1941, Building NA60 (LF Transmitter/Meq/Admn/Sto) consists of three large, parallel two-story structures connected by perpendicular wings. The buildings stand on the south side Bullard Boulevard a short distance southeast of its intersection with Greenbury Point Road in Anne Arundel County, Maryland (Photo 41634-18). Two associated Helix Houses erected in 1942 (NA68 and NA69) stand in a line southwest of Building NA60. Transmission lines join the two Helix Houses to NA60 (Photo 41634-21).

A 15-bay wide, five-to-one common brick bond structure five bays deep fronting directly on Bullard Boulevard forms the most northern of the three parallel buildings (Photo 41634-13). The building possesses a formal entrance with double-leaf doors topped by a multi-light transom in its central bay (Photo 41634-11). Ashlar cement blocks framing the entrance exhibit Art Deco decorative motifs. "US NAVAL RADIO STATION" is incised in a plaque above the door. A concrete foundation, water table, belt course and coping also ornament the building. First story windows on the structure contain six-over-six wooden sash with concrete sills and brick jack arches ornamented with concrete keystones. Second story windows possess similar treatment except for the keystone in the jack arch lintel. The elevation also possesses brick corbels imitating quoins (Photo 41634-12). The five bays of the east elevation exhibit windows with treatment matching the north elevation.

A small two-bay wide, one-story wing connects the northern building to a two-story brick wing composed of three bays filled with industrial sash between its concrete water table and its concrete belt course. Both wings display five-to-one common bond. The two-story wing joins to the second parallel structure displaying features similar to the wing (Photo 41634-14). A shallowly-sloped gable roof caps the parallel wing. Another two-story wing with industrial sash connects to the southern of the parallel buildings. One-story structures with industrial sash have been appended between the middle and southern parallel buildings (Photo 41634-15).

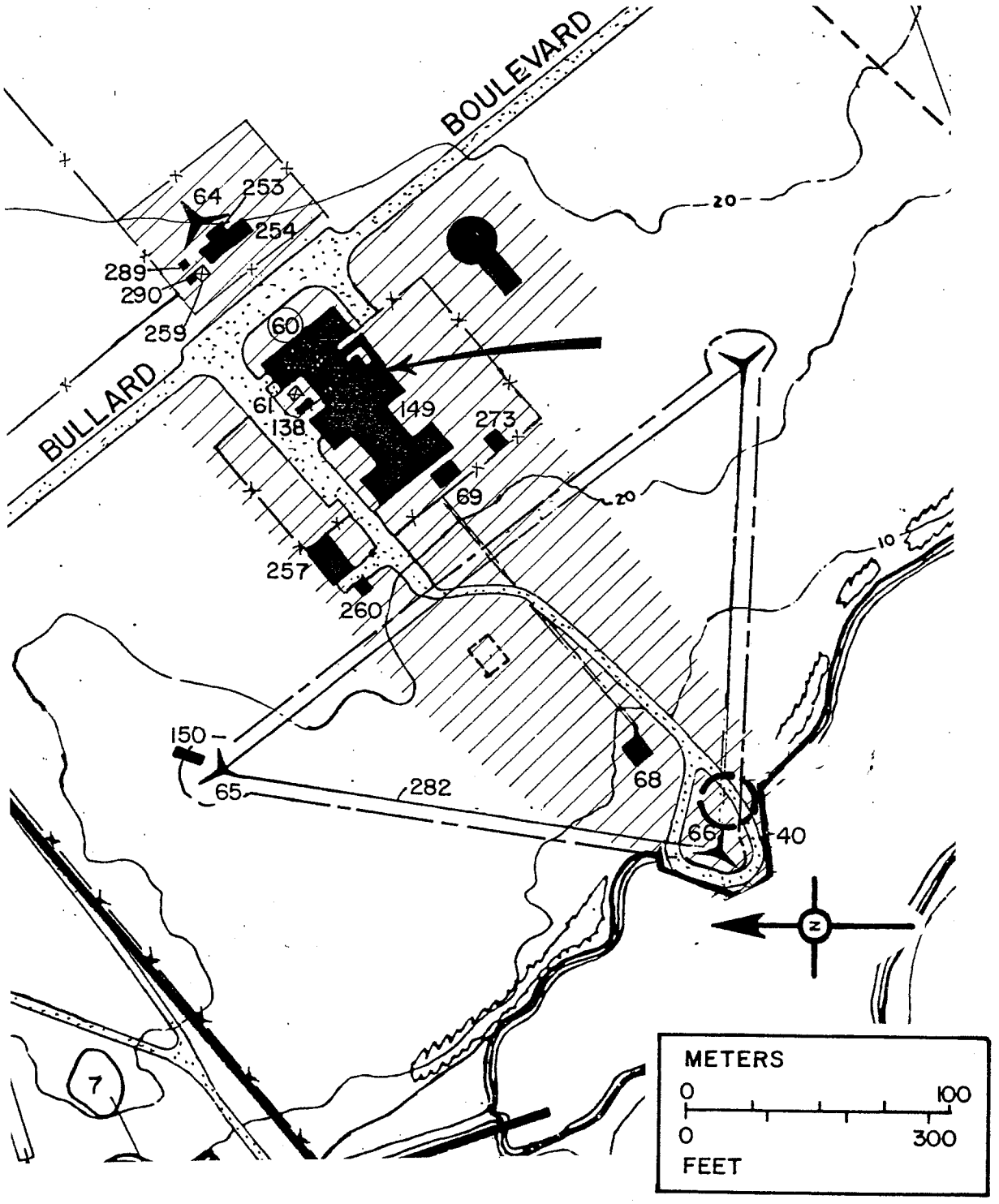
MD State Historic Sites Inventory Form
Continuation Sheet 7.2

MHT # AA: 2189
Building NA60
LF Transmitter Building
Anne Arundel County

DESCRIPTION Continued

Building NA69 (Helix Structure A) stands immediately southwest of the southern parallel wing of NA60 (Photo 41634-16). Two stories tall atop a concrete foundation, NA69 exhibits five-to-one common bond brick construction and a slightly-sloped gable roof with copper flashing. An arched opening in the western elevation contains an electrical connection. Steel double leaf doors permit entry through the southern elevation. Another steel door penetrates the north elevation (Photo 41634-17). Electrical wires connect the Helix House with Building NA60.

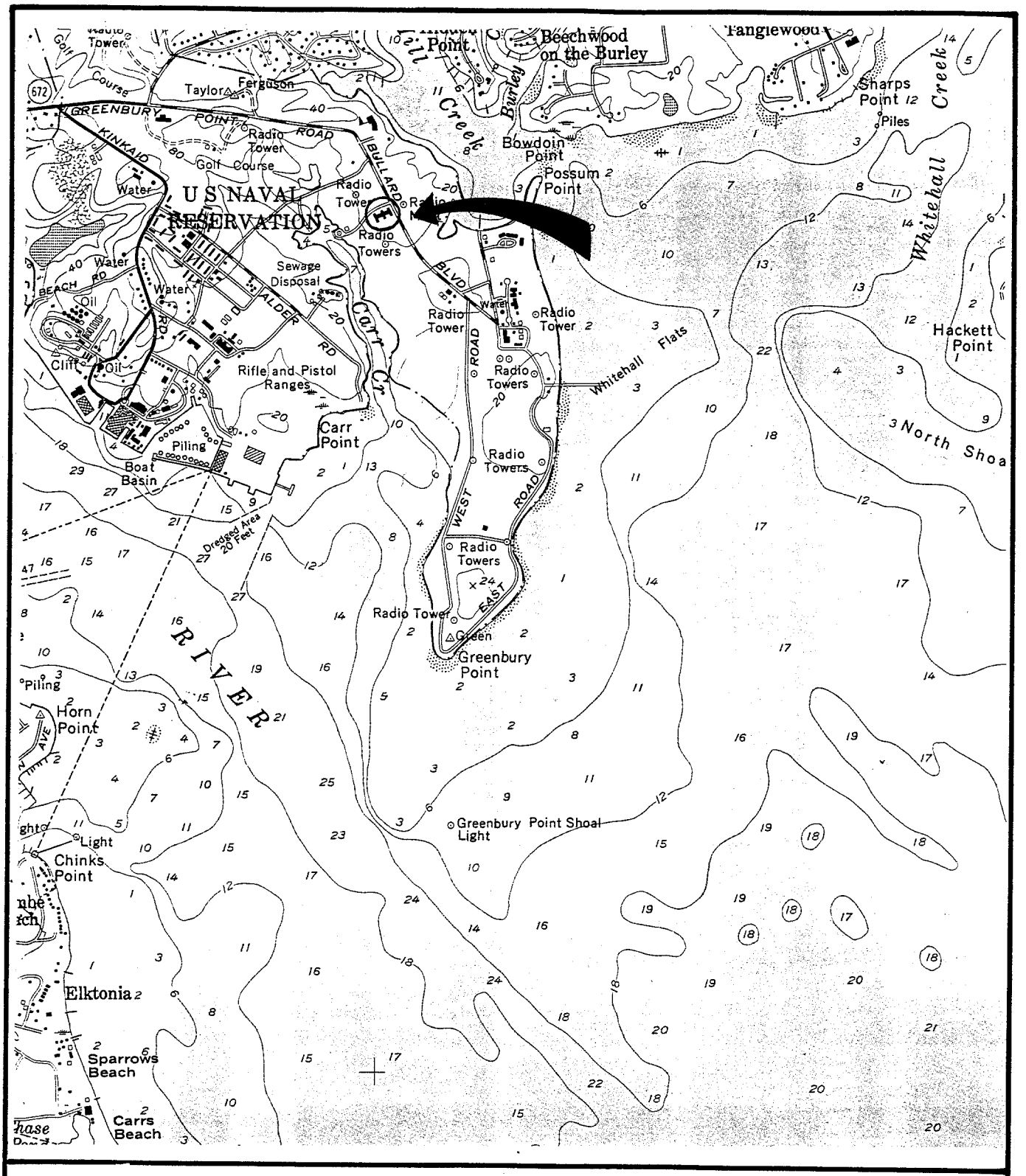
Roughly 100 meters (300 feet) southwest of the Helix House stands Building NA68, Low Frequency Helix House B-C (Photo 41634-19). NA68 imitates Helix House NA69 in form, materials and massing (Photo 41634-20).



KCI TECHNOLOGIES

-Resource Sketch Map-
North Severn Facility Building NA60
Annapolis, Anne Arundel County

AA-2189



-Location Map-

LF Transmitter Building (North Severn Facility NA60)
Annapolis, Anne Arundel County
USGS 1957 Annapolis, MD

AA-2189

AA-289

ROLL 41634 FRAME 18

Building NA60
Anne Arundel Co., Maryland
Stuart P. Dixon
11.20.95
negative at KCI Technologies, Inc.
Mechanicsburg, Pa.
West and South elevations Building NA60

1/11

AA-2189
ROLL 41634 FRAME 21
Building NA60
Anne Arundel Co., Maryland
Stuart P. Dixon
11.20.95
negative at KCI Technologies, Inc.
Mechanicsburg, Pa.
Northwest and Southwest elevations
Buildings NA68, NA69, NA60
2/11

AA-2189

ROLL 41634 FRAME 13

Building NA60
Anne Arundel Co., Maryland
Stuart P. Dixon
11.20.95
negative at KCI Technologies, Inc.
Mechanicsburg, Pa.
East and West elevations Building NA60

3/11

AA-2189

ROLL 41634 FRAME 11

Building NA60

Anne Arundel Co., Maryland

Stuart P. Dixon

11.20.95

negative at KCI Technologies, Inc.

Mechanicsburg, Pa.

East elevation Main entry Building NA60

4|11

AA-2189

ROLL 41634 FRAME 12

Building NA60

Anne Arundel Co., Maryland

Stuart P. Dixon

11.20.95

Negative at KCI Technologies, Inc.

Mechanicsburg, Pa.

South and East elevations Building NA60

5/11

AA-2189

ROLL 41634 FRAME 14

Building NA60

Anne Arundel Co., Maryland

Stuart P. Dixon

11.20.95

negative at KCI Technologies, Inc.

Mechanicsburg, Pa.

East and North elevations Building NA60

parallel wing

6/11

AA-2189

ROLL 41634 FRAME 15

Building NA60

Anne Arundel Co., Maryland

Stuart P. Dixon

11.20.95

negative at KCL Technologies, Inc.

Mechanicsburg, Pa

North and east elevations Building NA60

7/11

AA-2189

ROLL 41634 FRAME 16

Building NA60

Anne Arundel Co., Maryland

Stuart P. Dixon

11.20.95

negative at KCI Technologies, Inc.
Mechanicsburg, Pa.

North and west elevations Building NA69

8/11

AA-2189

ROLL 41634 FRAME 17

Building NA60
Anne Arundel Co., Maryland
Stuart P. Dixon
11.20.95
negative at KCI Technologies, Inc.
Mechanicsburg, Pa.
South and east elevations Building
NA69

9/11

AA-2189

ROLL 41634 FRAME 19

Building NA 60
Anne Arundel Co., Maryland
Stuart P. Dixon
11.20.95
negative at KCI Technologies, Inc.
Mechanicsburg, Pa.
Southeast and Northeast elevations
Building NA 68
10/11

AA-2189

ROLL 41634 FRAME 20

Building NA60

Anne Arundel Co., Maryland

Stuart P. Dixon

11.20.95

negative at KCI Technologies, Inc.

Mechanicsburg, Pa.

Northwest and Southwest elevations

Building NA 68

11/11