

JAN 01 1986

JAN 1988 - DESTROY  
SECNAVINST 5215.5B, Part 11, Chap 1  
Par 11010(1)(b)  
RETENTION - 2 YEARS

# Memorandum

5420/2

FAC

DEC 17 1986

DATE:

FROM: Assistant Chief  
Camp Lejeune  
TO: Director, Natl

SUBJ: MINUTES OF ENV

Encl: (1) Chairman,

*23 Dec 86*  
*Dan*

*Charles CDP*

*Peter AB*

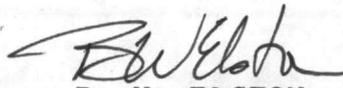
*fdw*

Corps Base,  
Affairs Division

REVIEW BOARD

1986 w/encls

1. The enclosure is provided for your advanced coordination for the FY87 Timber Harvest Plan.



B. W. ELSTON

By direction

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Director, Federal Resources and Environmental Protection  
Agency, Chief of Staff, Facilities, Marine Corps Base

IMPACT OF ENVIRONMENTAL ENHANCEMENT IMPACT REVIEW BOARD

Enclosure, BEIRB for 842015 PAC of 5 Dec 1975

The enclosure is provided for your advice or cooperation for  
the 842015 PAC of 5 Dec 1975.

W. J. ...  
...

# Memorandum

5420/2

FAC

DEC 17 1986

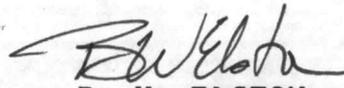
DATE:

FROM: Assistant Chief of Staff, Facilities, Marine Corps Base,  
Camp Lejeune  
TO: Director, Natural Resources and Environmental Affairs Division

SUBJ: MINUTES OF ENVIRONMENTAL ENHANCEMENT/IMPACT REVIEW BOARD

Encl: (1) Chairman, EEIRB ltr 5420/2 FAC of 5 Dec 1986 w/encls

1. The enclosure is provided for your advanced coordination for the FY87 Timber Harvest Plan.



B. W. ELSTON  
By direction

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UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542-5001

5420/2  
FAC

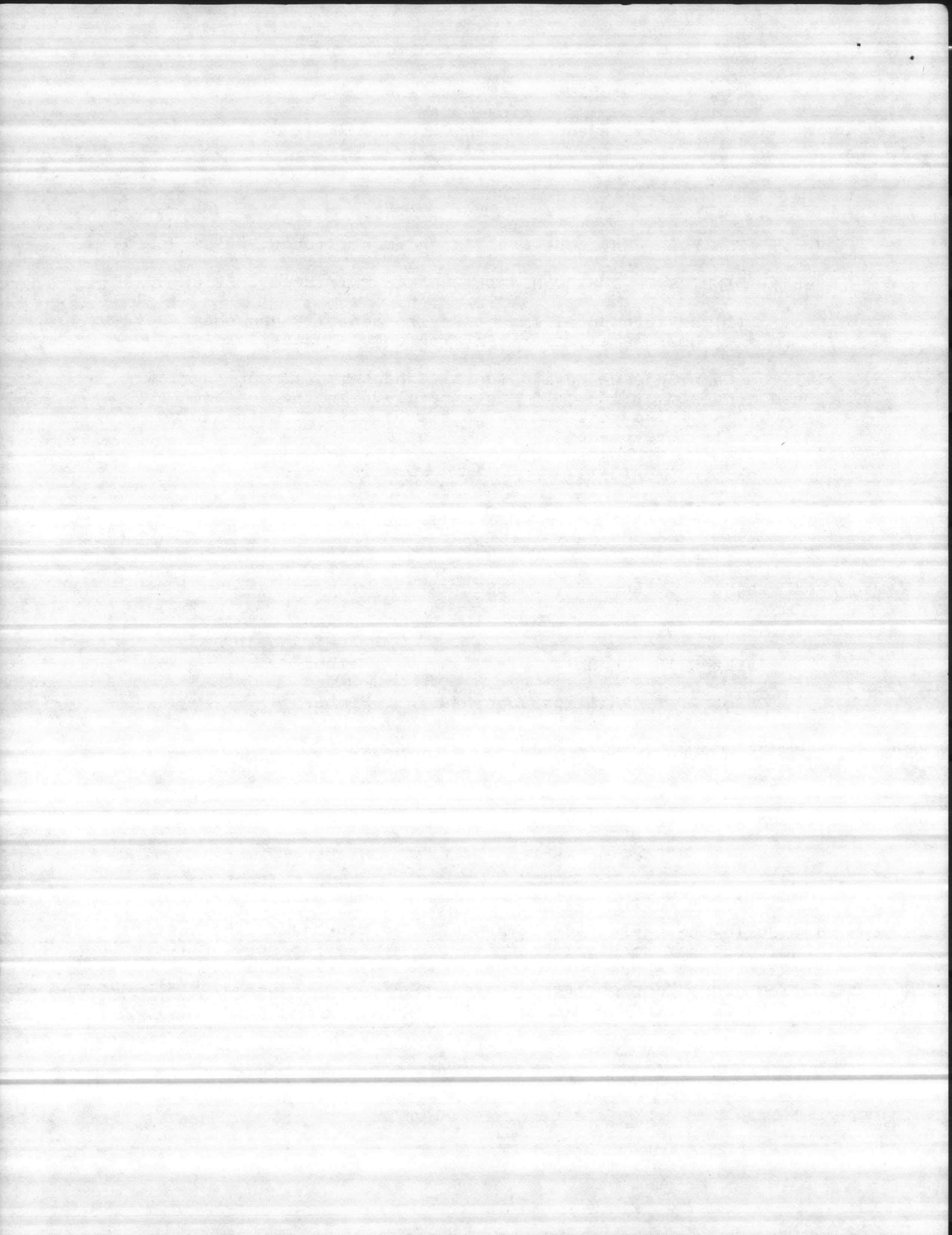
05 DEC 1986

From: Chairman, Environmental Enhancement/Impact Review Board  
Subj: MINUTES OF ENVIRONMENTAL ENHANCEMENT/IMPACT REVIEW BOARD  
Encl: (1) Environmental Impact/Environmental Enhancement Review  
Board Preliminary Environmental Assessment (PEA)

1. The Camp Lejeune Environmental Enhancement/Impact Review Board convened at 1000, 25 September 1986 in the Conference Room of Building 1 and reviewed various projects. The following individuals were present:

Col T. J. Dalzell	Chairman
Col M. G. Lilley, BMaintO	Member
LtCol J. A. Wellington, SJA	Advisor
Maj A. M. Bancroft, 2dFSSG	Member
Capt L. G. Flores, 2dMarDiv	Member
1stLt C. R. Donnelly, TFACO	Member
GySgt R. T. Phillips, 6th MAB	Member
Mr. R. Alexander, EnvEngr	Advisor
Mr. J. Wooten, NREAD	Advisor
Mr. P. Black, NREAD	Advisor
Mr. E. G. Jones, PubWks	Member
Ms. L. Huber	Guest

1. Following review and comments on each project, the Board concluded that no significant environmental impact was likely to result from the projects listed below. This conclusion is conditioned upon appropriate environmental permits being obtained prior to construction or project start up as discussed in the enclosures.



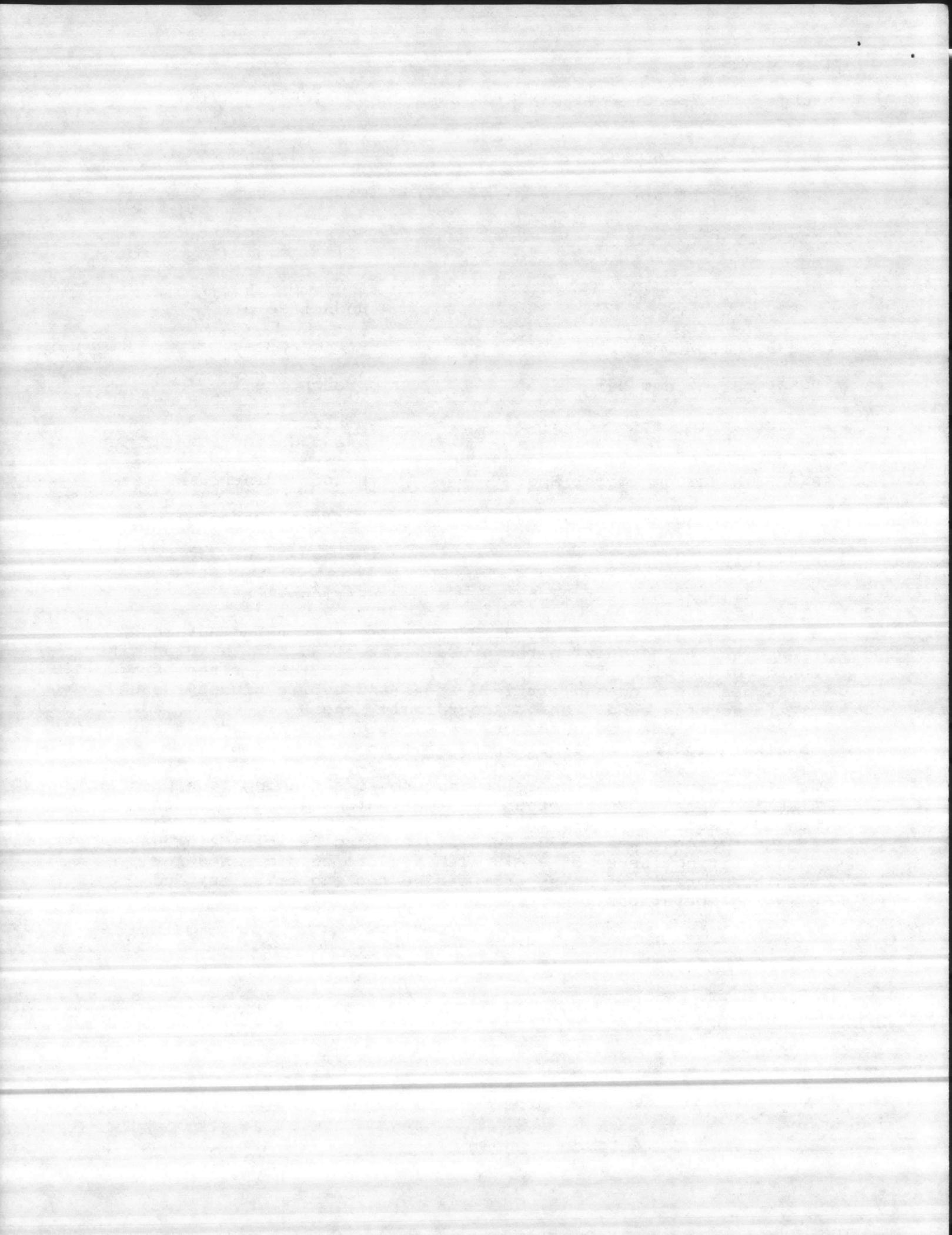
Subj: MINUTES OF ENVIRONMENTAL ENHANCEMENT/IMPACT REVIEW BOARD

<u>Project</u>	<u>Location</u>
P-870, School of Infantry	Camp Geiger
P-872, CAST	Hospital Point
P-871, BEQ	Camp Geiger
P-629, BEQ	Hadnot Point
P-679, Elec/Comm Maint Shop	French Creek
P-564, Elec/Comm Maint Shop	French Creek
P-852, Child Care Facilities	Montford Point and Hadnot Point
P-229, Elec/Comm Maint Shop	Hadnot Point
P-810, Mechanics Training Bldg	Montford Point
P-841, Mess Hall Addition	French Creek
FY-87, Timber Harvest Plan	Various Areas

3. The Board reviewed the FY-87 Forestry Prescribed Burning Plan. While recognizing the overall importance of the Plan, the Board agreed with the Base Forester that portions of the burn areas near housing and airfield areas and public highways could create adverse conditions. Accordingly, the Board concurred in the Plan provided advance notice is properly made and careful consideration of smoke nuisance is given as in the past.

4. The Board tabled the following projects pending receipt of site location maps and other information: P-433, Corrosion Control Facility; P-497, Ordnance Building; P-506, Aviation Armament Shops; and P-873, Remotely Piloted Vehicle Maintenance Shop. Siting issues of P-873 also need to be addressed for possible impacts of noise from engine testing emissions and painting operations.

  
T. J. DALZELL



UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD

PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA)

SUBJ: P-870, SCHOOL OF INFANTRY, CAMP GEIGER

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

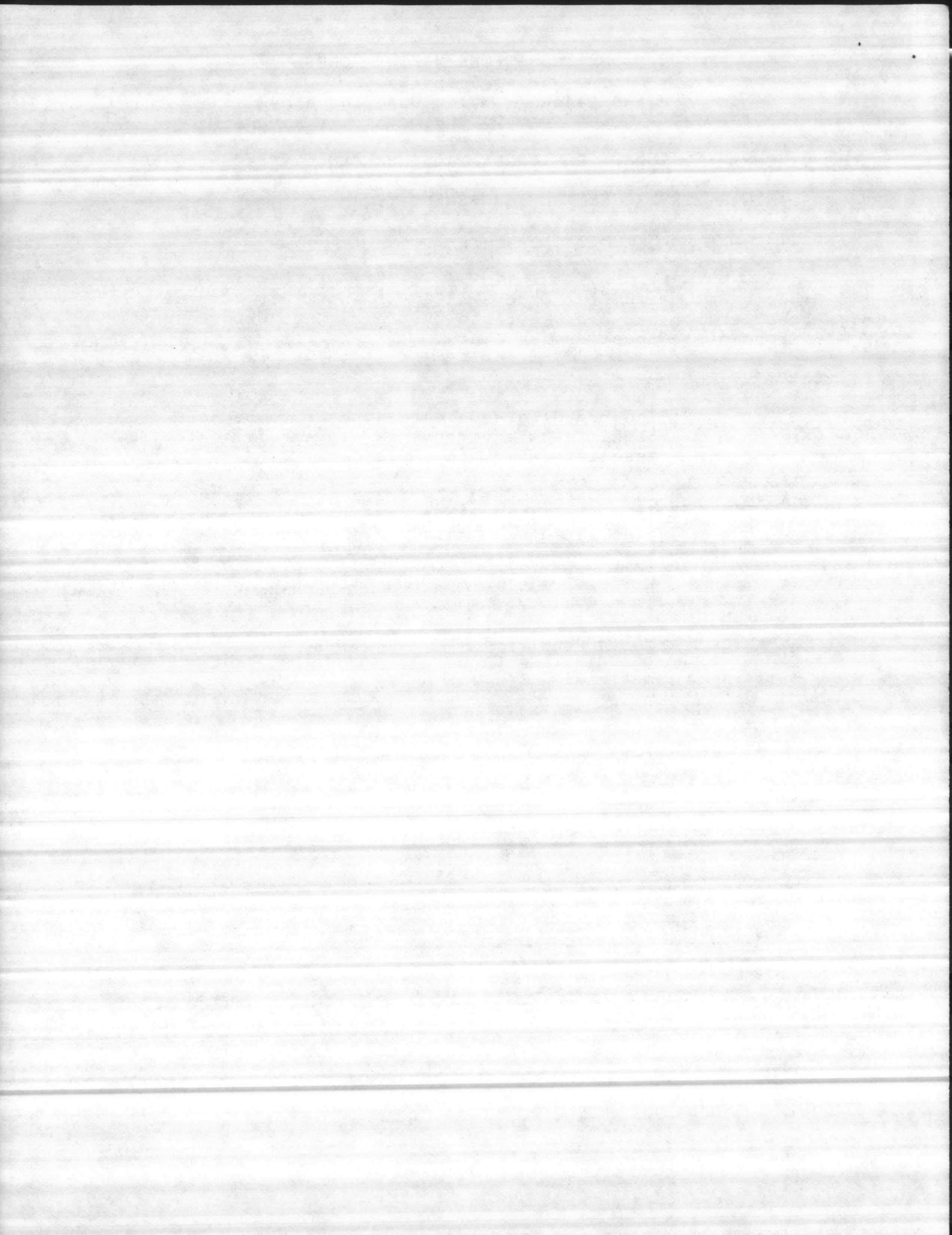
BOARD ACTION

\_\_\_\_\_ The board agreed there appears to be no significant environmental impact or controversy associated with this project.

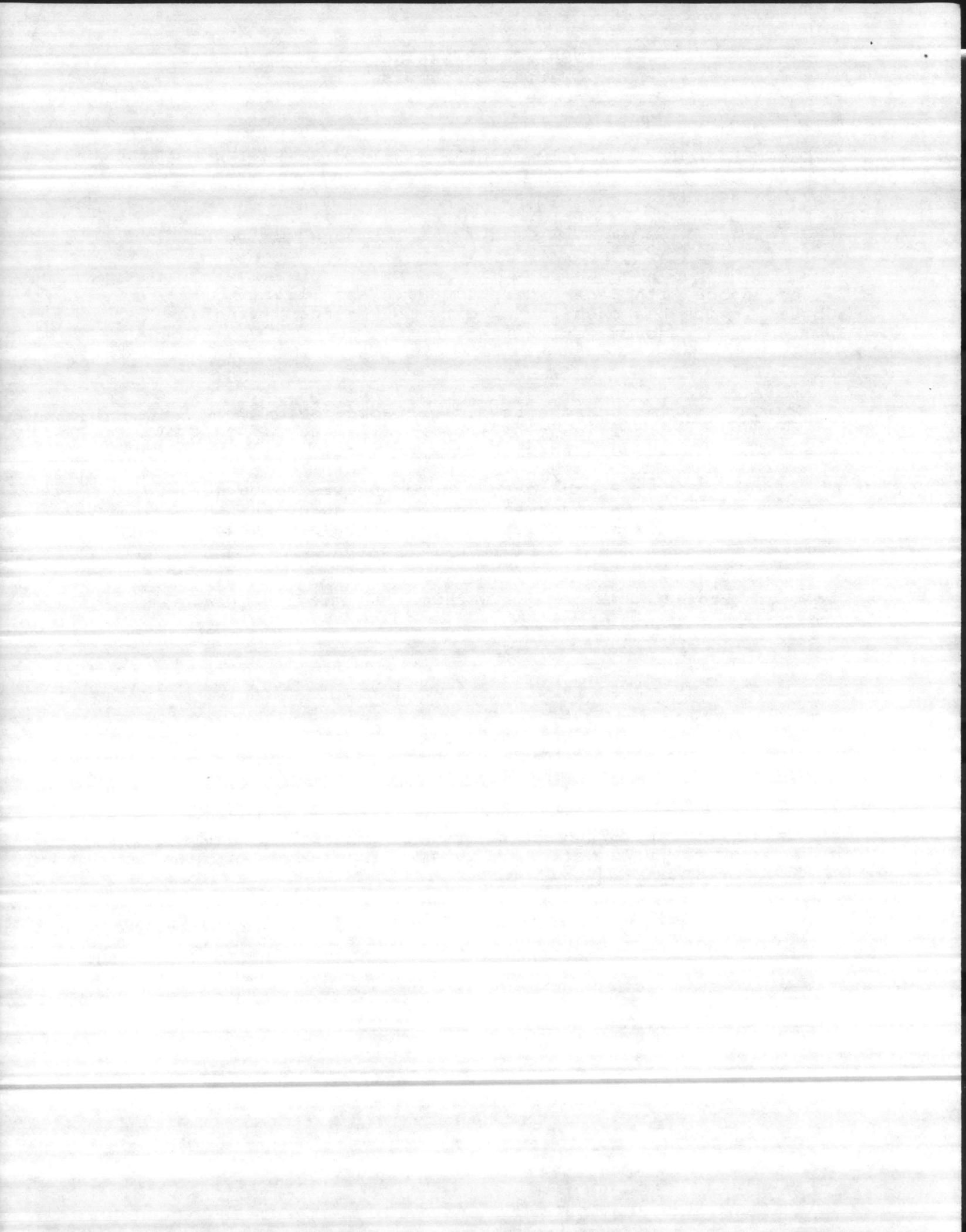
XX\_\_\_\_\_ The Board agreed there appears to be no significant environmental impact or controversy associated with this project provided:

- An approved sediment control plan is obtained during project design from the N.C. Division of Land Quality.
- Disposal of significant volumes of masonry rubble is specified for use as shoreline stabilization material where applicable.

\_\_\_\_\_ The Board agreed there is potential environmental impact with the project and recommends the following:







UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD

PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA)

SUBJ: P-871, BACHELOR ENLISTED QUARTERS, CAMP GEIGER

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

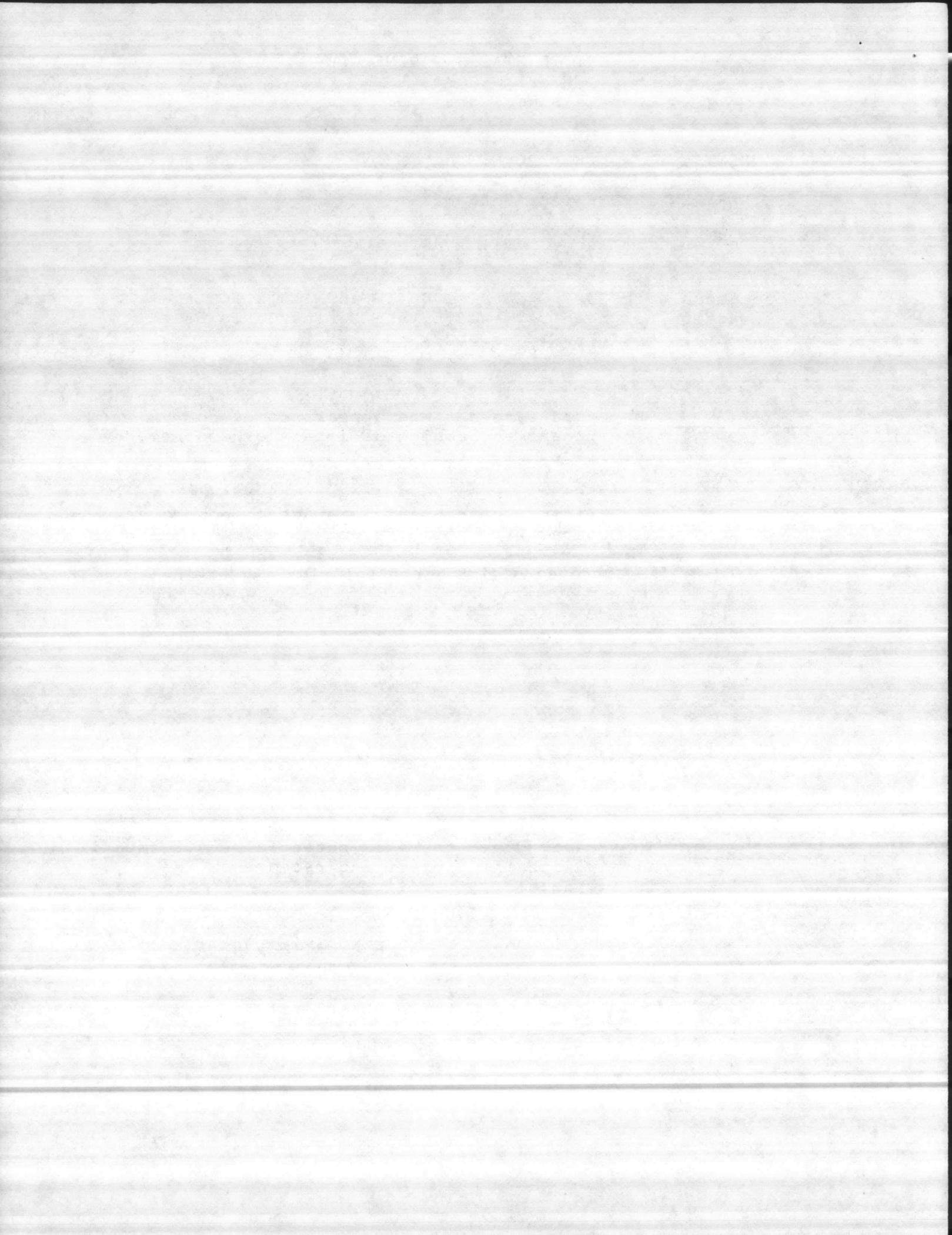
BOARD ACTION

\_\_\_\_\_ The board agreed there appears to be no significant environmental impact or controversy associated with this project.

XX\_\_\_\_\_ The Board agreed there appears to be no significant environmental impact or controversy associated with this project provided:

An approved sediment control plan is obtained during project design from the N.C. Division of Land Quality.

\_\_\_\_\_ The Board agreed there is potential environmental impact with the project and recommends the following:



UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD  
PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA)

SUBJ: P-629, BACHELOR ENLISTED QUARTERS, HADNOT POINT

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

BOARD ACTION

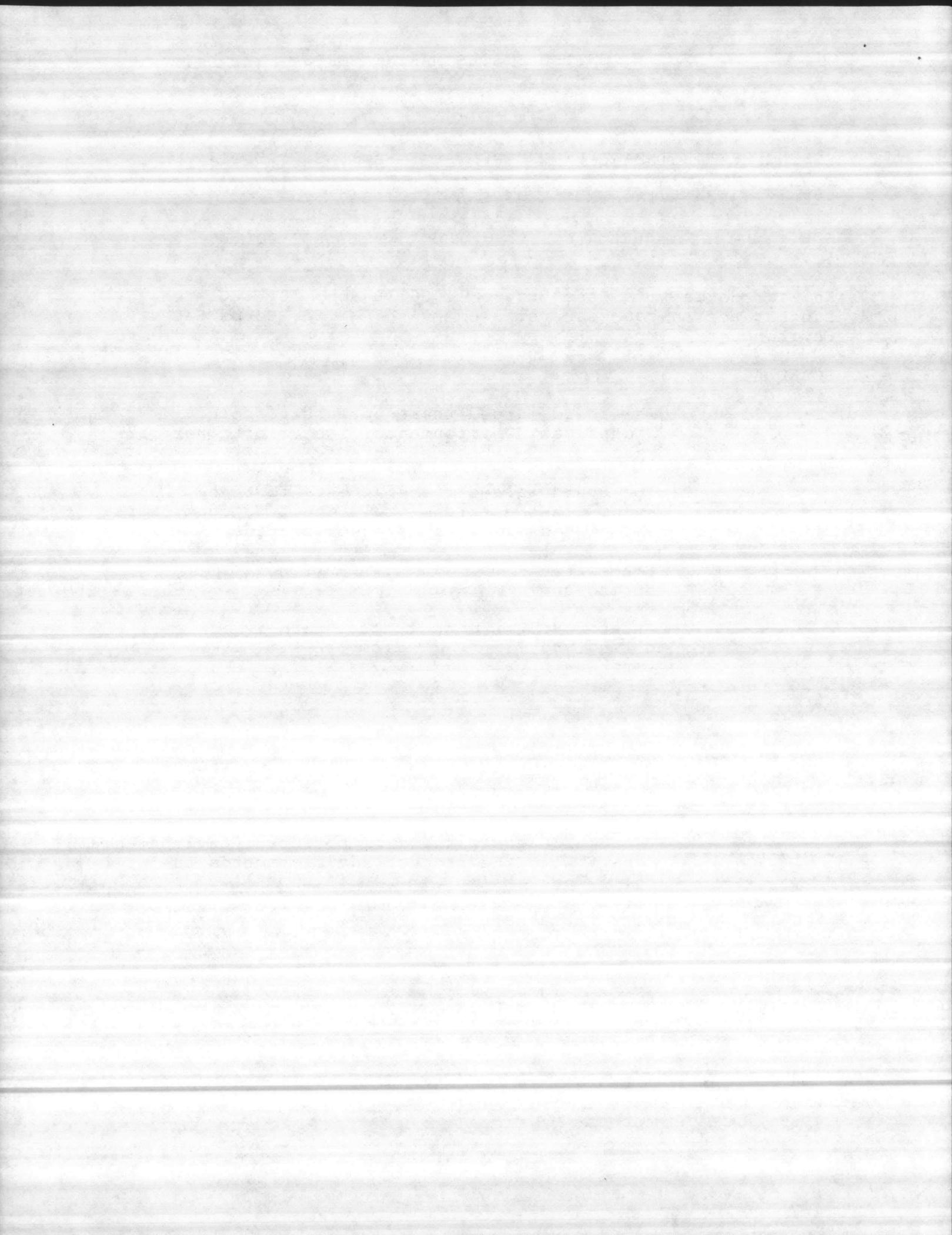
\_\_\_\_\_ The board agreed there appears to be no significant environmental impact or controversy associated with this project.

\_\_\_\_\_ XX The Board agreed there appears to be no significant environmental impact or controversy associated with this project provided:

Stormwater runoff controls must be addressed during project design.

An approved sediment control plan is obtained during project design from the N.C. Division of Land Quality.

\_\_\_\_\_ The Board agreed there is potential environmental impact with the project and recommends the following:



UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD  
PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA)

SUBJ: P-679, COMMUNICATIONS/ELECTRONICS MAINTENANCE SHOP,  
FRENCH CREEK

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

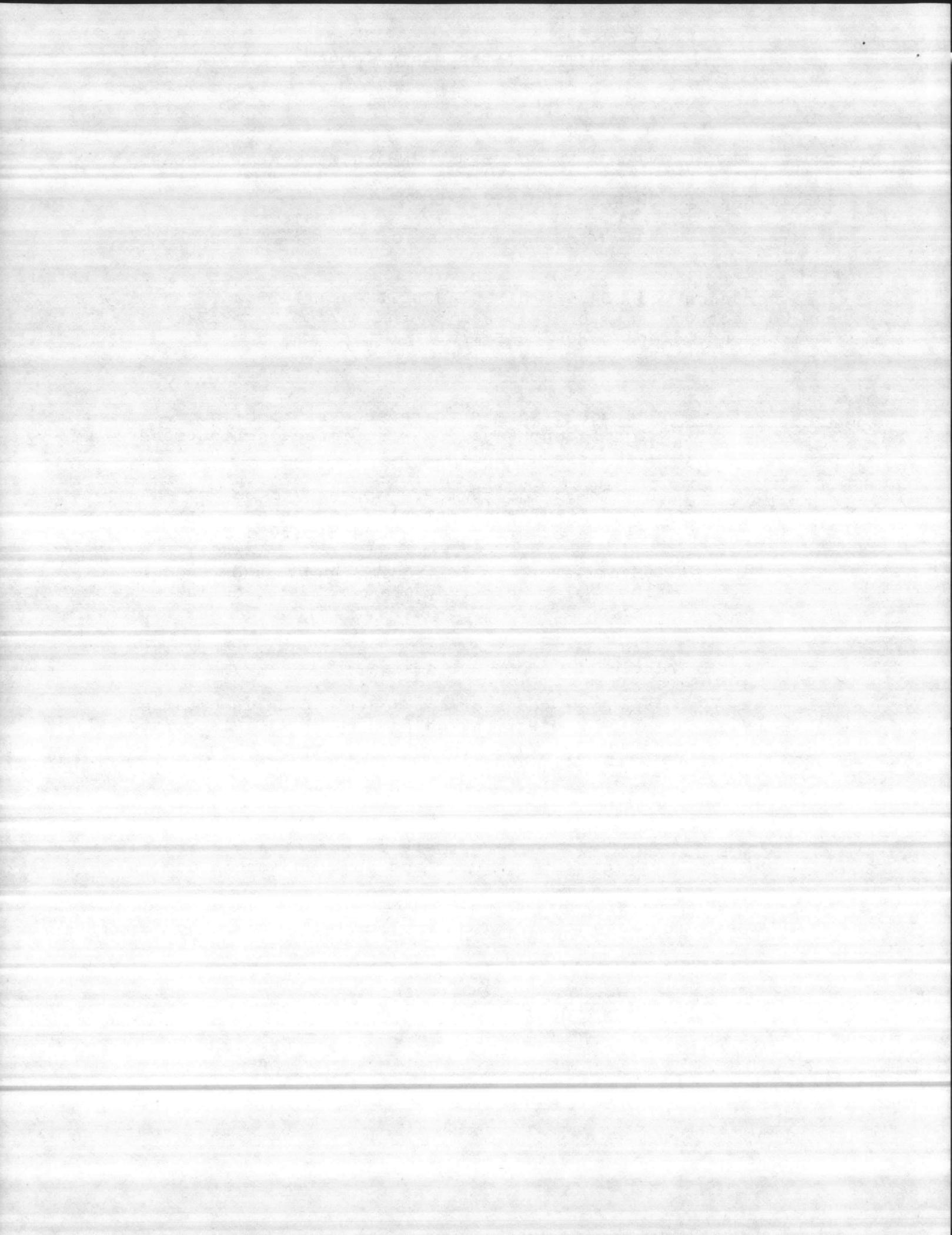
BOARD ACTION

\_\_\_\_\_ The board agreed there appears to be no significant environmental impact or controversy associated with this project.

\_\_\_\_\_ XX The Board agreed there appears to be no significant environmental impact or controversy associated with this project provided:

- Stormwater control recommendations of Cogdels Creek Watershed study are considered during project design.
- Adequate storage for Hazardous Material/Waste is included in project design.
- An approved sediment control plan is obtained during project design from the N.C. Division of Land Quality.

\_\_\_\_\_ The Board agreed there is potential environmental impact with the project and recommends the following:



UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD  
PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA)

SUBJ: P564, COMMUNICATIONS/ELECTRONICS MAINTENANCE SHOP,  
FRENCH CREEK

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

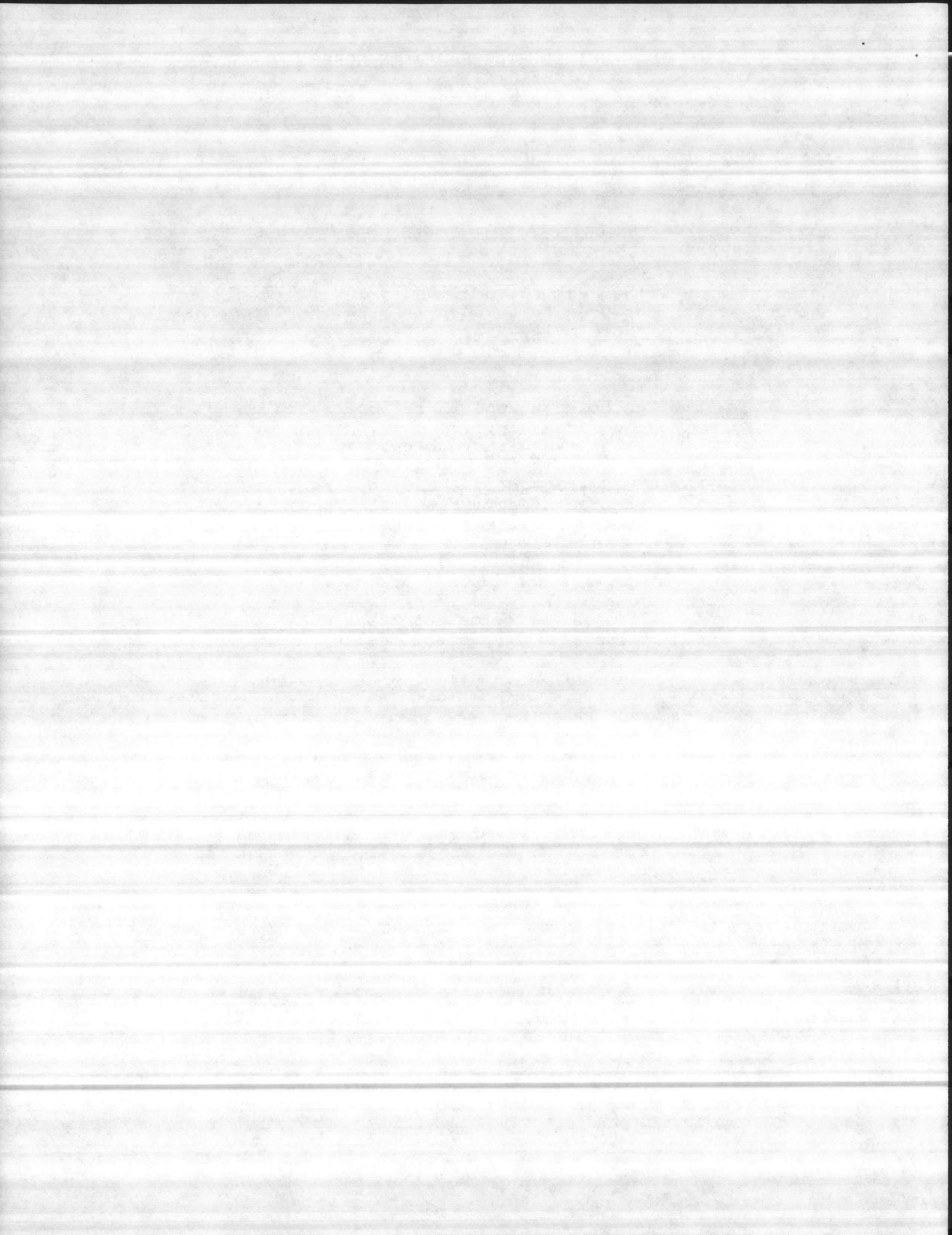
BOARD ACTION

\_\_\_\_\_ The board agreed there appears to be no significant environmental impact or controversy associated with this project.

\_\_\_\_\_ XX The Board agreed there appears to be no significant environmental impact or controversy associated with this project provided:

- Stormwater controls of Cogdels Creek Watershed study are considered during project design.
- Adequate storage for Hazardous Material/Waste is included in project design.
- An approved sediment control plan is obtained during project design from the N.C. Division of Land Quality.

\_\_\_\_\_ The Board agreed there is potential environmental impact with the project and recommends the following:



UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD

PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA)

SUBJ: P-852, CHILD CARE FACILITIES, MONTFORD POINT AND HADNOT  
POINT

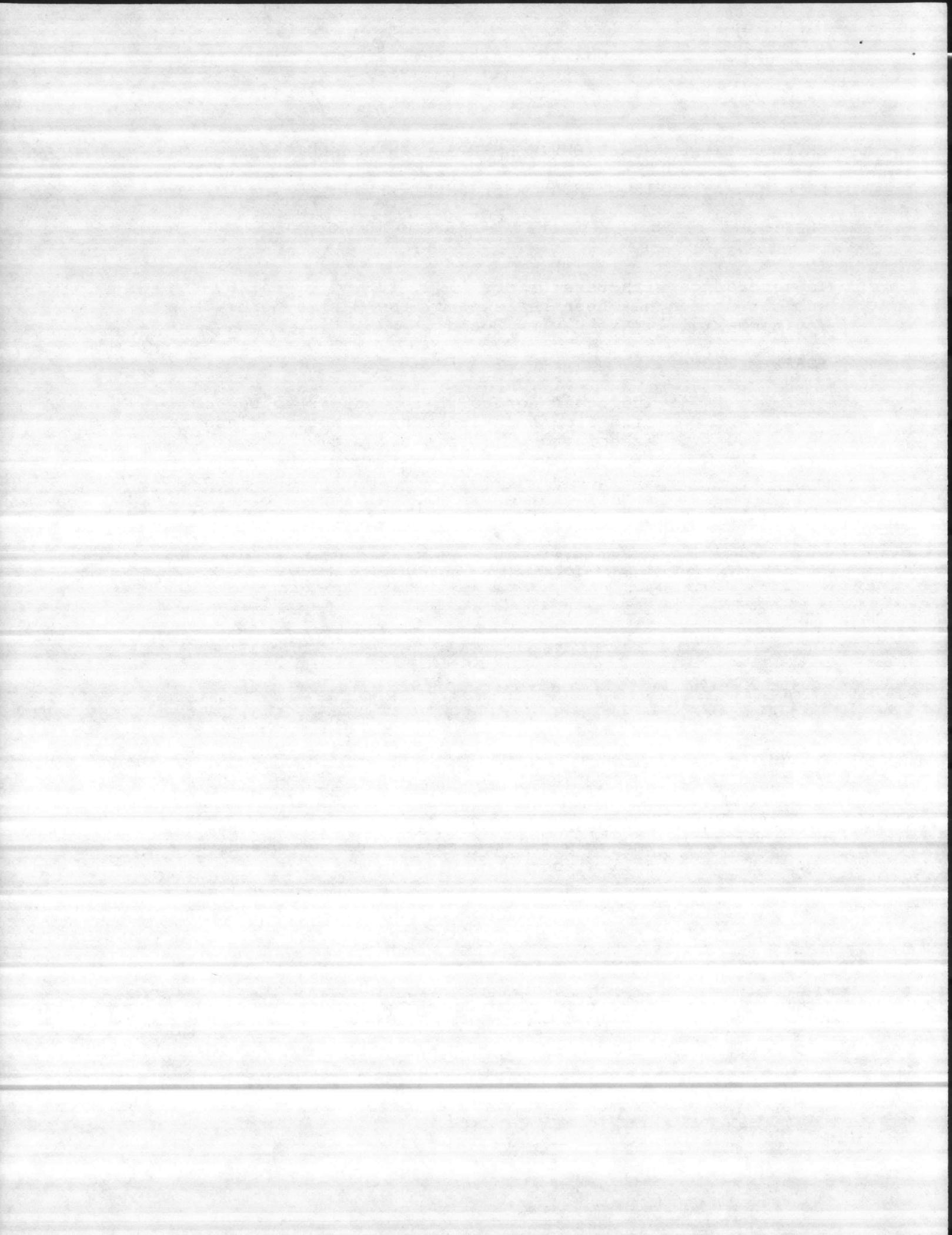
In accordance with Base Orders 11000.1B and 11015.2G, the  
subject action has been reviewed by the Marine Corps Base  
Environmental Impact Review Board.

BOARD ACTION

\_\_\_\_\_ The board agreed there appears to be no  
significant environmental impact or controversy  
associated with this project.

\_\_\_\_\_ XX The Board agreed there appears to be no  
significant environmental impact or controversy  
associated with this project provided:  
  
- Commercially harvestable timber is removed  
from Brewster Boulevard site prior to construction.

\_\_\_\_\_ The Board agreed there is potential environmental  
impact with the project and recommends the  
following:



UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD

PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA)

SUBJ: P-229, COMMUNICATIONS/ELECTRONICS MAINTENANCE SHOP,  
HADNOT POINT

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

BOARD ACTION

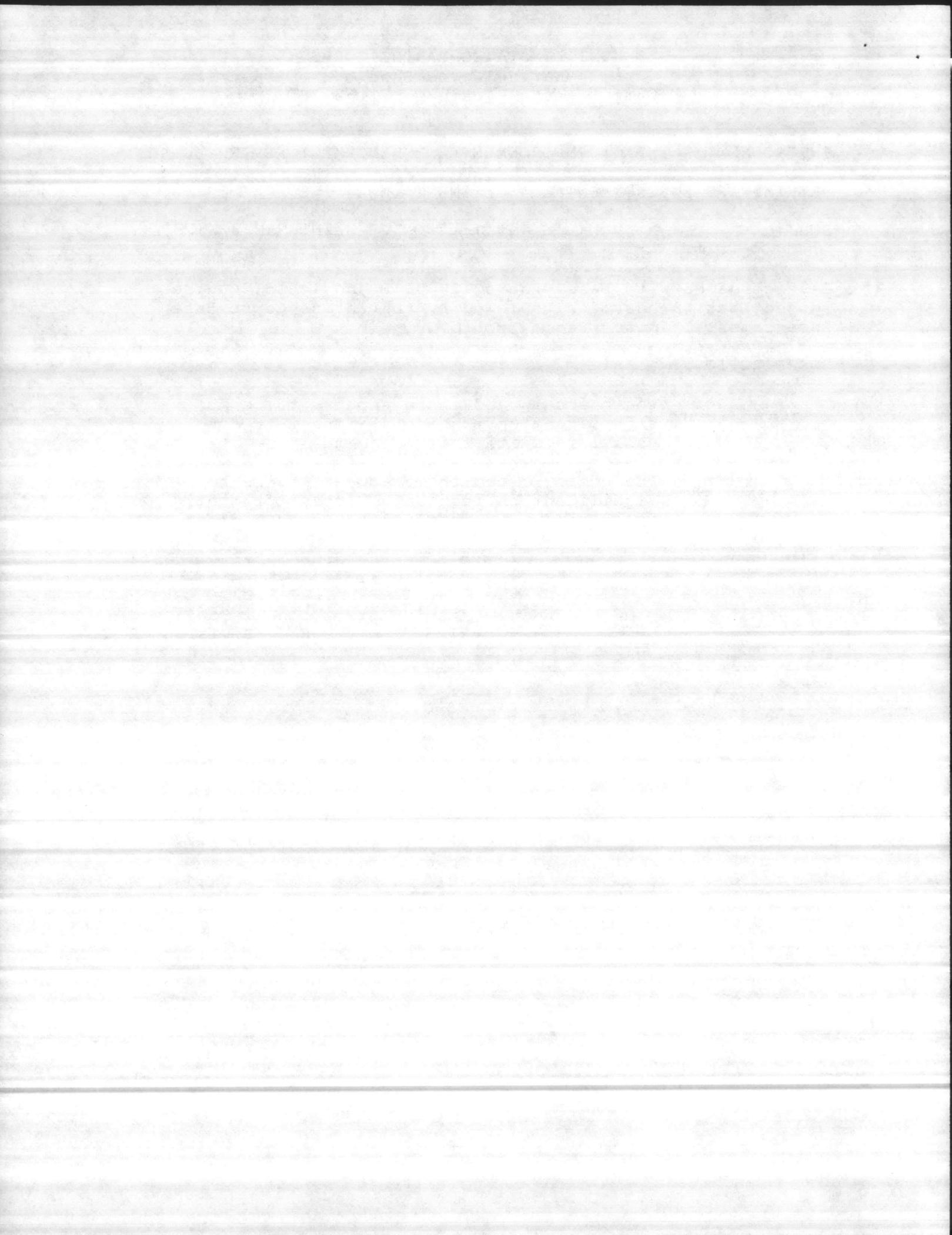
\_\_\_\_\_ The board agreed there appears to be no significant environmental impact or controversy associated with this project.

\_\_\_\_\_ XX The Board agreed there appears to be no significant environmental impact or controversy associated with this project provided:

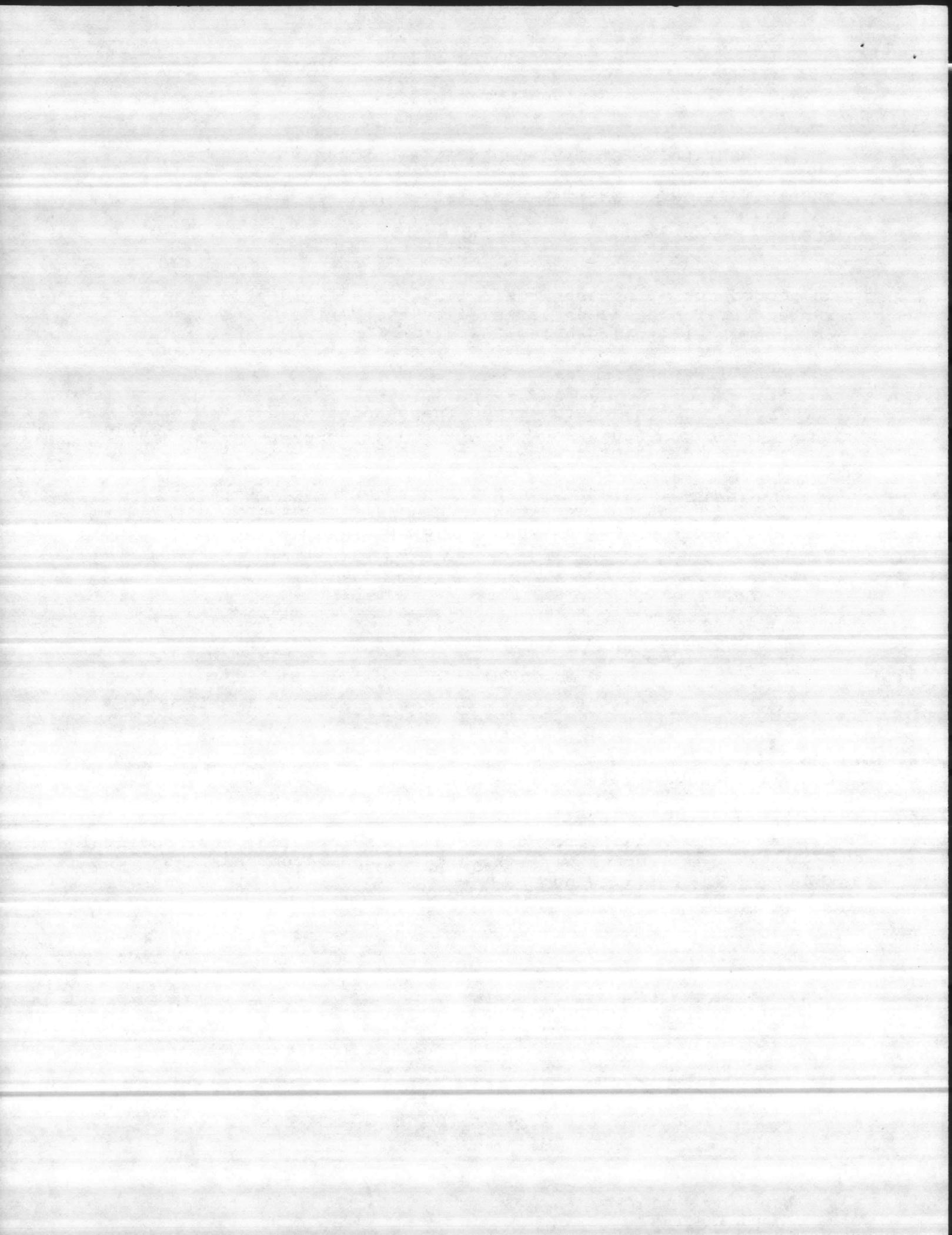
- Adequate storage for Hazardous Material/Waste is included in project design

- An approved sediment control plan is obtained during project design from the N.C. Division of Land Quality.

\_\_\_\_\_ The Board agreed there is potential environmental impact with the project and recommends the following:







UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD

PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA)

SUBJ: P-841, MESS HALL ADDITION

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

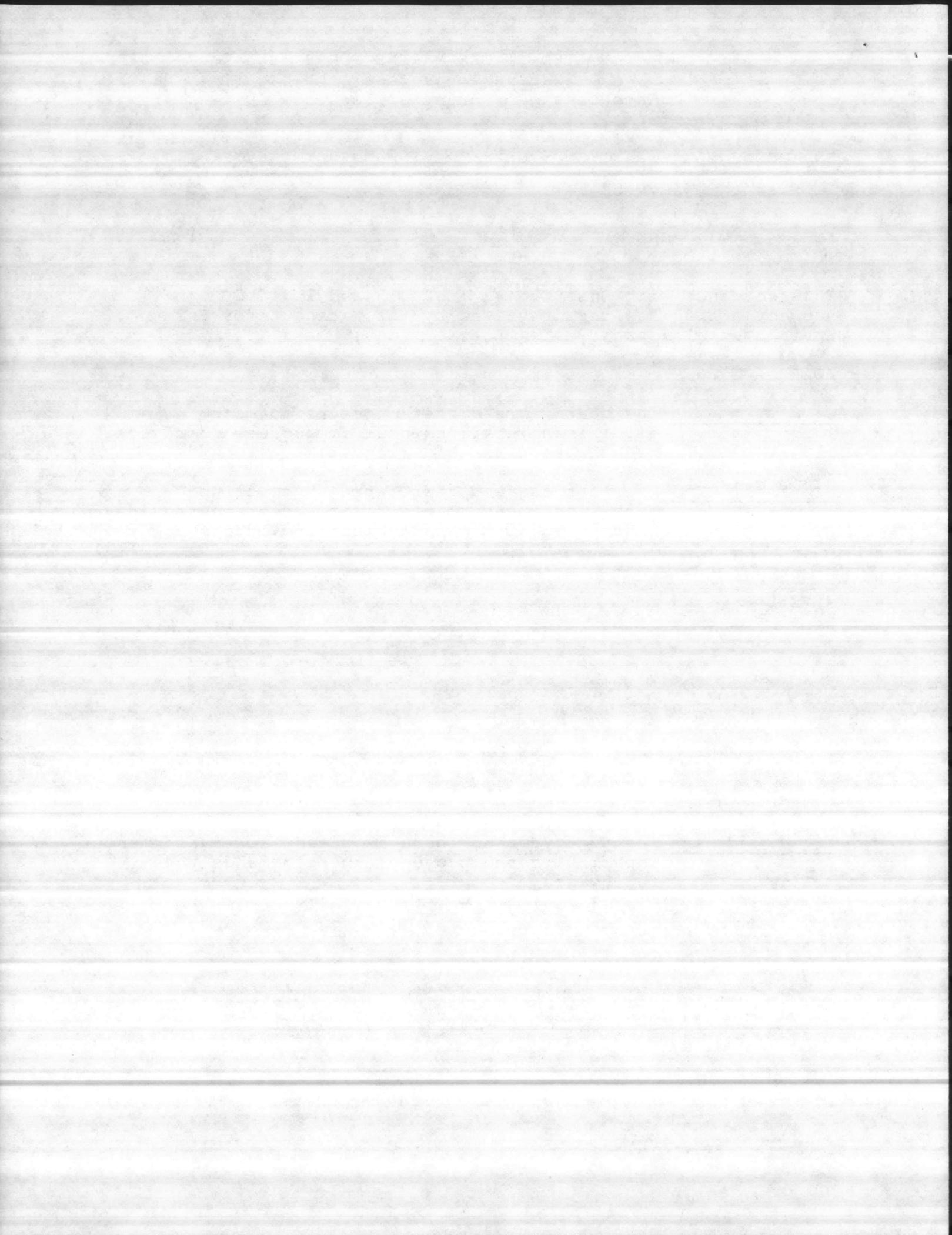
BOARD ACTION

           XX

The board agreed there appears to be no significant environmental impact or controversy associated with this project.

           The Board agreed there appears to be no significant environmental impact or controversy associated with this project provided:

           The Board agreed there is potential environmental impact with the project and recommends the following:



UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD  
PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA)

SUBJ: FY-87 TIMBER HARVESTING PLAN

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

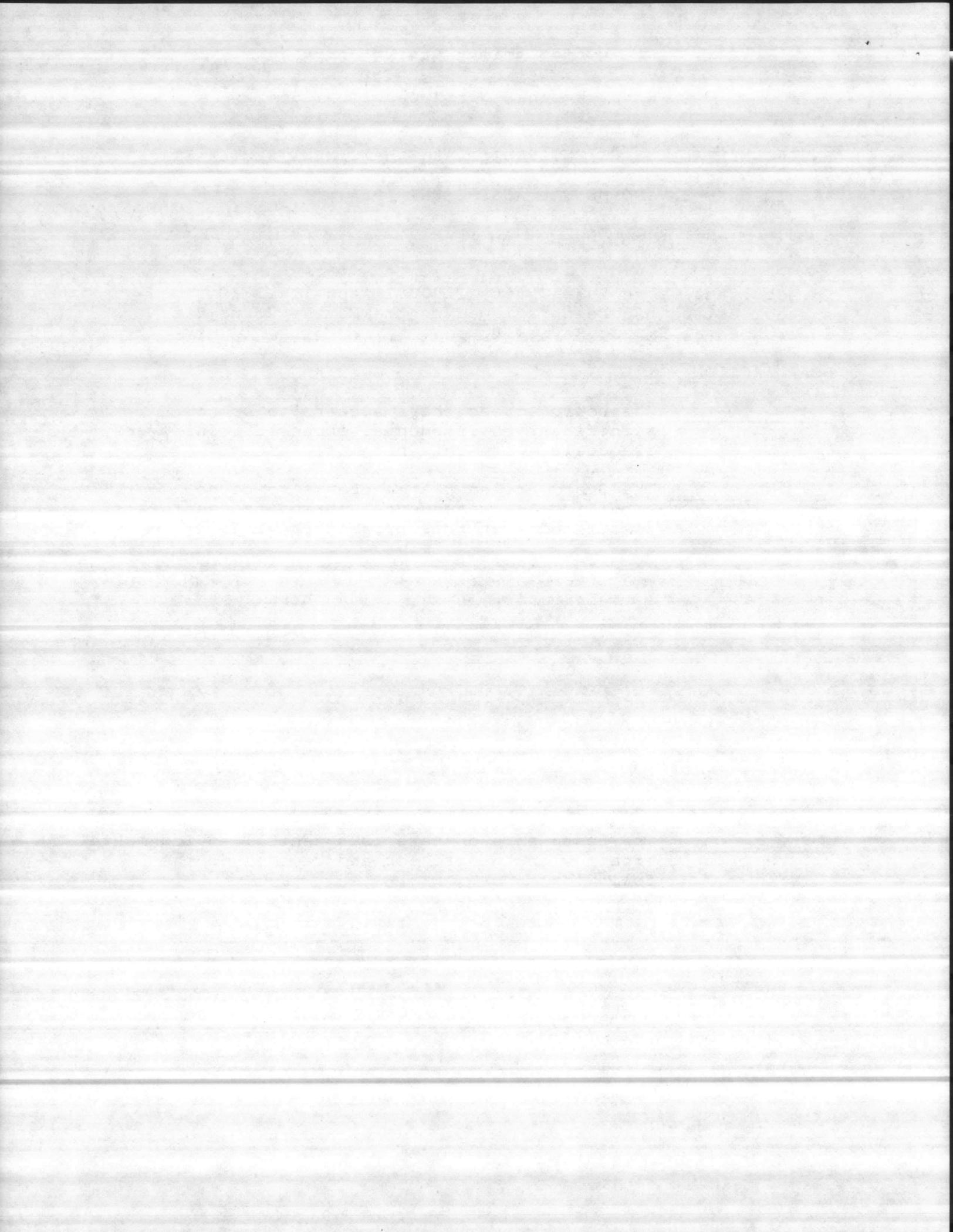
BOARD ACTION

\_\_\_\_\_ The board agreed there appears to be no significant environmental impact or controversy associated with this project.

XX\_\_\_\_\_ The Board agreed there appears to be no significant environmental impact or controversy associated with this project provided:

Advance notice is given to avoid undue smoke nuisance for portions of the burn near housing and airfield areas and public highways.

\_\_\_\_\_ The Board agreed there is potential environmental impact with the project and recommends the following:



UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD  
PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA)

SUBJ: P-873, REMOTELY PILOTED VEHICLE MAINTENANCE SHOP, HADNOT  
POINT

In accordance with Base Orders 11000.1B and 11015.2G, the  
subject action has been reviewed by the Marine Corps Base  
Environmental Impact Review Board.

BOARD ACTION

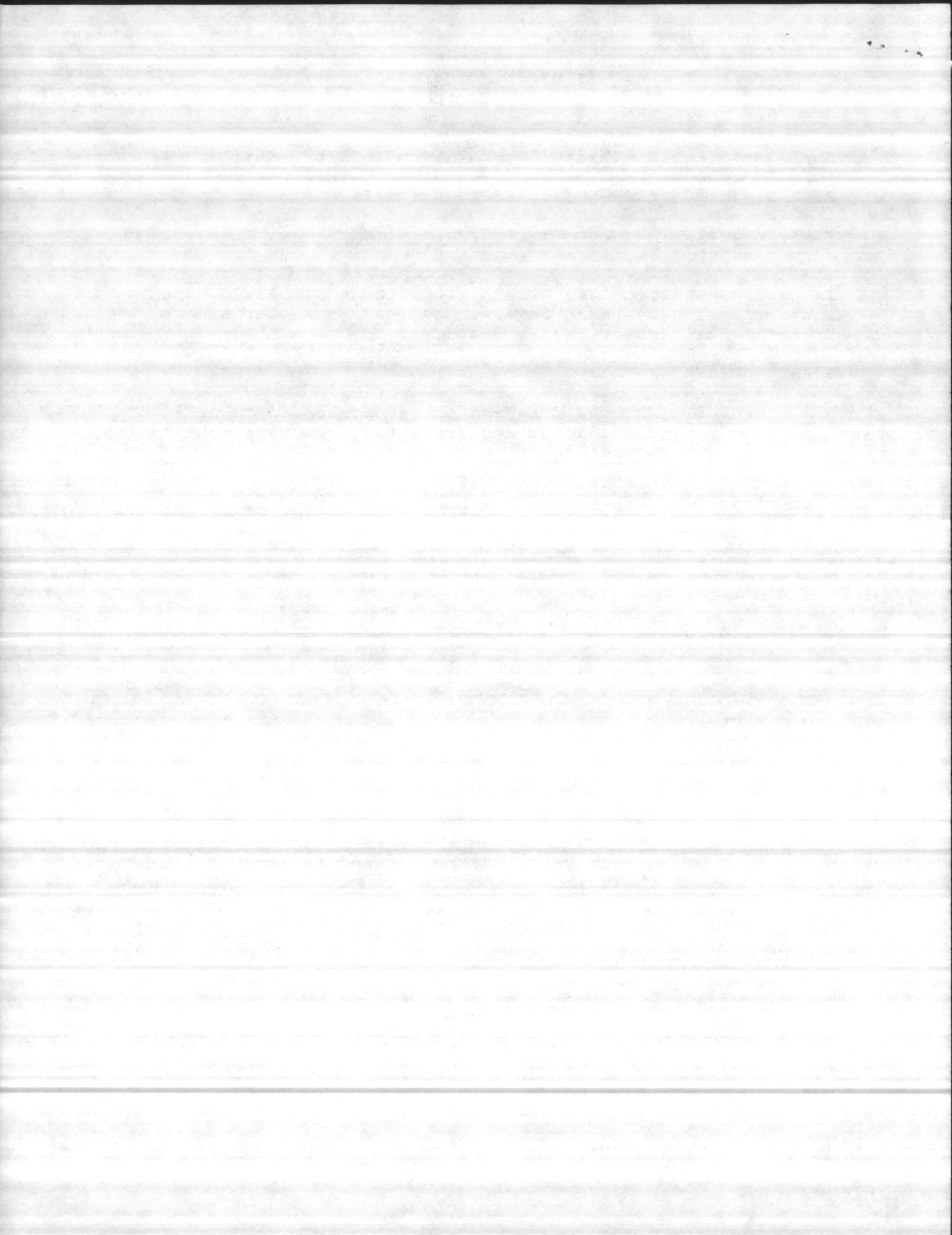
\_\_\_\_\_ The board agreed there appears to be no  
significant environmental impact or controversy  
associated with this project.

\_\_\_\_\_ The Board agreed there appears to be no  
significant environmental impact or controversy  
associated with this project provided:

XX

\_\_\_\_\_ The Board agreed there is potential environmental  
impact with the project and recommends the  
following:

Siting issues be addressed for possible impacts  
of noise from engine testing and emissions from  
painting operation.



NREAD 10 Sept 86

Dan [signature]  
Peter [signature]  
Charles CDP

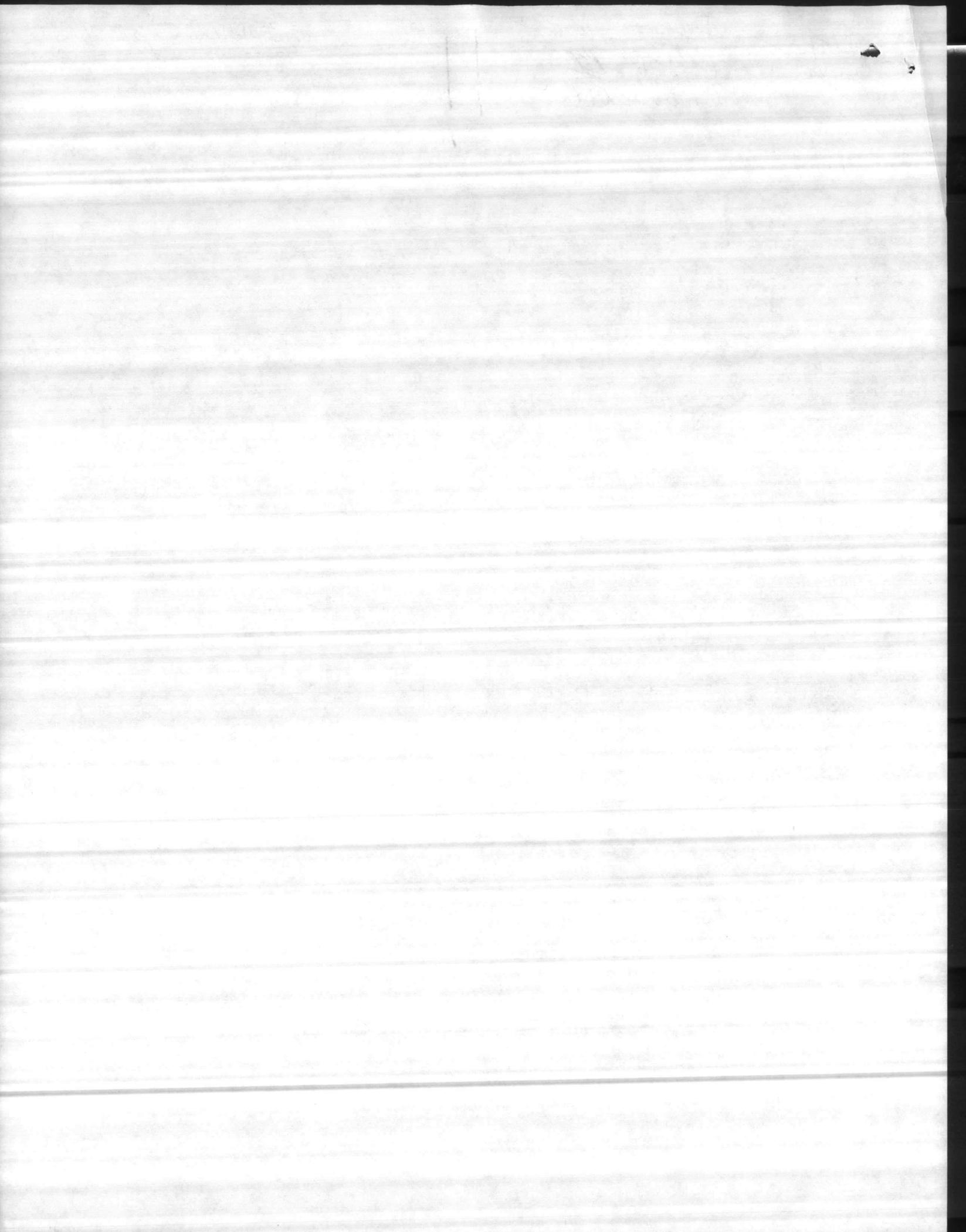
A G E N D A

ENVIRONMENTAL ENHANCEMENT/IMPACT REVIEW BOARD  
Marine Corps Base  
Camp Lejeune, NC

25 September 1986

- I. Call to order
- II. Review of Preliminary Environmental Assessments (PEA)

<u>Title</u>	<u>Action Sponsor</u>
A. School of Infantry (P-870)	AC/S, Training, MCB
B. Combined Arms Staff Trainer (CAST) (P-872)	AC/S, Training, MCB
C. Bachelor Enlisted Quarters (BEQ) (P-871)	Public Works Officer
D. Bachelor Enlisted Quarters (BEQ) (P-629)	Public Works Officer
E. Electronics/Communications Maintenance Shop (P-679)	2d FSSG
F. Electronics/Communications Maintenance Shop (P-564)	2d FSSG
G. Child Care Facility (P-852)	AC/S, MWR, MCB
H. Electronics/Communications Maintenance Shop (10th Marines) (P-229)	2d MarDiv
I. Remotely Piloted Vehicle Maintenance Shop (P-873)	2d MarDiv
J. Mechanics Training Building (P-810)	MCSSS
K. Mess Hall Addition, French Creek Area (P-841)	2d FSSG
L. FY 87 Timber Harvest Plan	Dir, Nat Resources & Env Affairs
M. Controlled and Prescribed Burning Program for FY 87 at MCB Camp Lejeune	Dir, Nat Resources & Env Affairs
N. Corrosion Control Facility (P-433)	MCAS, New River



O. Ordnance Building (P-497)

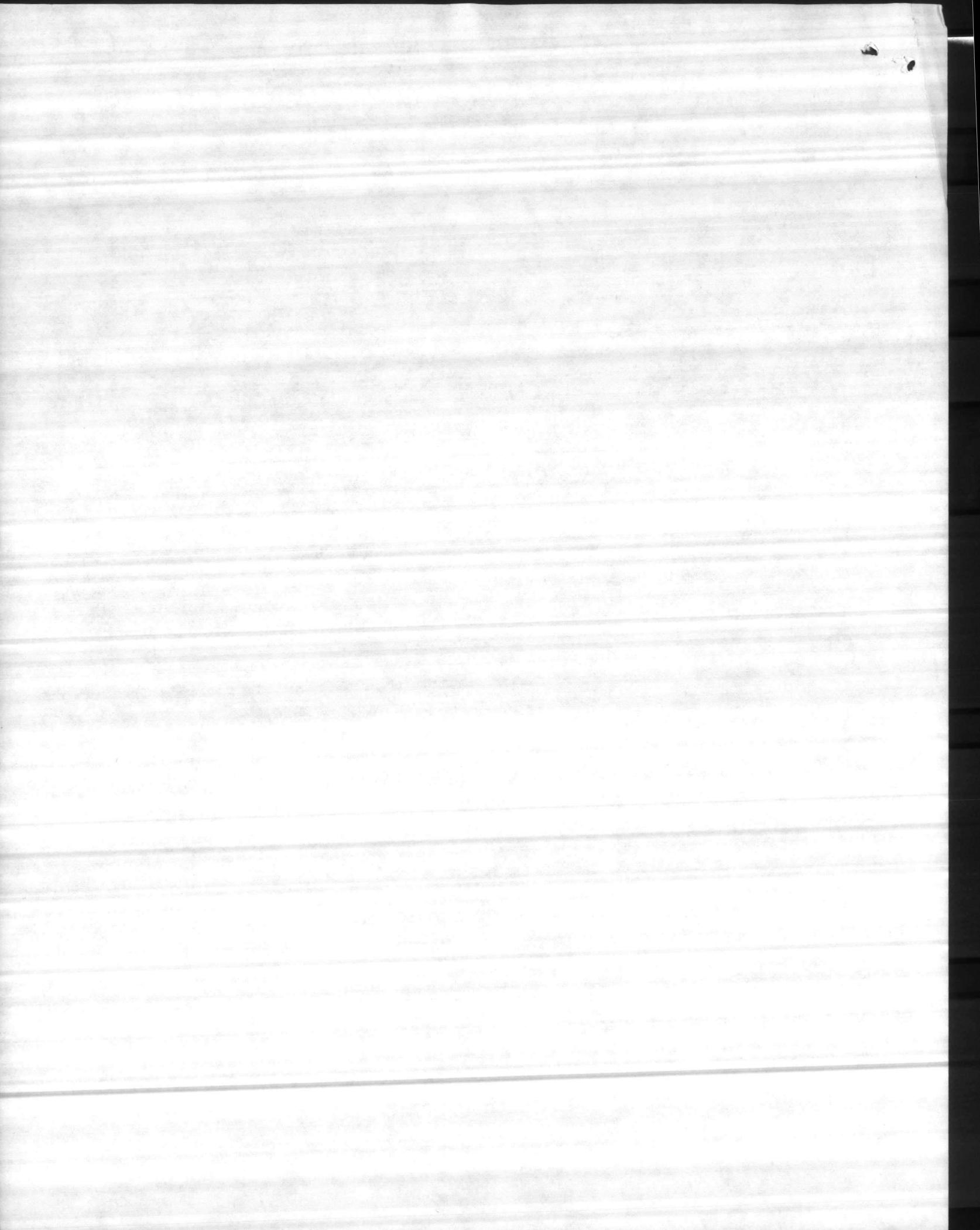
MCAS, New River

P. Aviation Armament Shops (2)  
(P-506)

MCAS, New River

III. Comments by members

IV. Adjournment



UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542-5001

5420/2  
FAC

05 SEP 1986

From: Chairman, Environmental Enhancement/Impact Review Board  
Subj: MEETING OF ENVIRONMENTAL ENHANCEMENT/IMPACT REVIEW BOARD  
Ref: (a) BO 11015.2G  
(b) BO 11000.1B  
Encl: (1) Requests for Environmental Review  
(2) Agenda

1. In accordance with the provisions of references (a) and (b), a meeting of the subject Board is scheduled in the Conference Room of Bldg 1 at 1000, 25 September 1986. Advisors to the Board are also invited to attend. A tentative agenda is provided at enclosure (2).

2. The Board will review the enclosures and provide guidance to the action sponsors. Members and advisors knowing of other agenda items should notify the chairman at extension 3034 as soon as possible prior to the meeting.

  
T. J. DALZELL

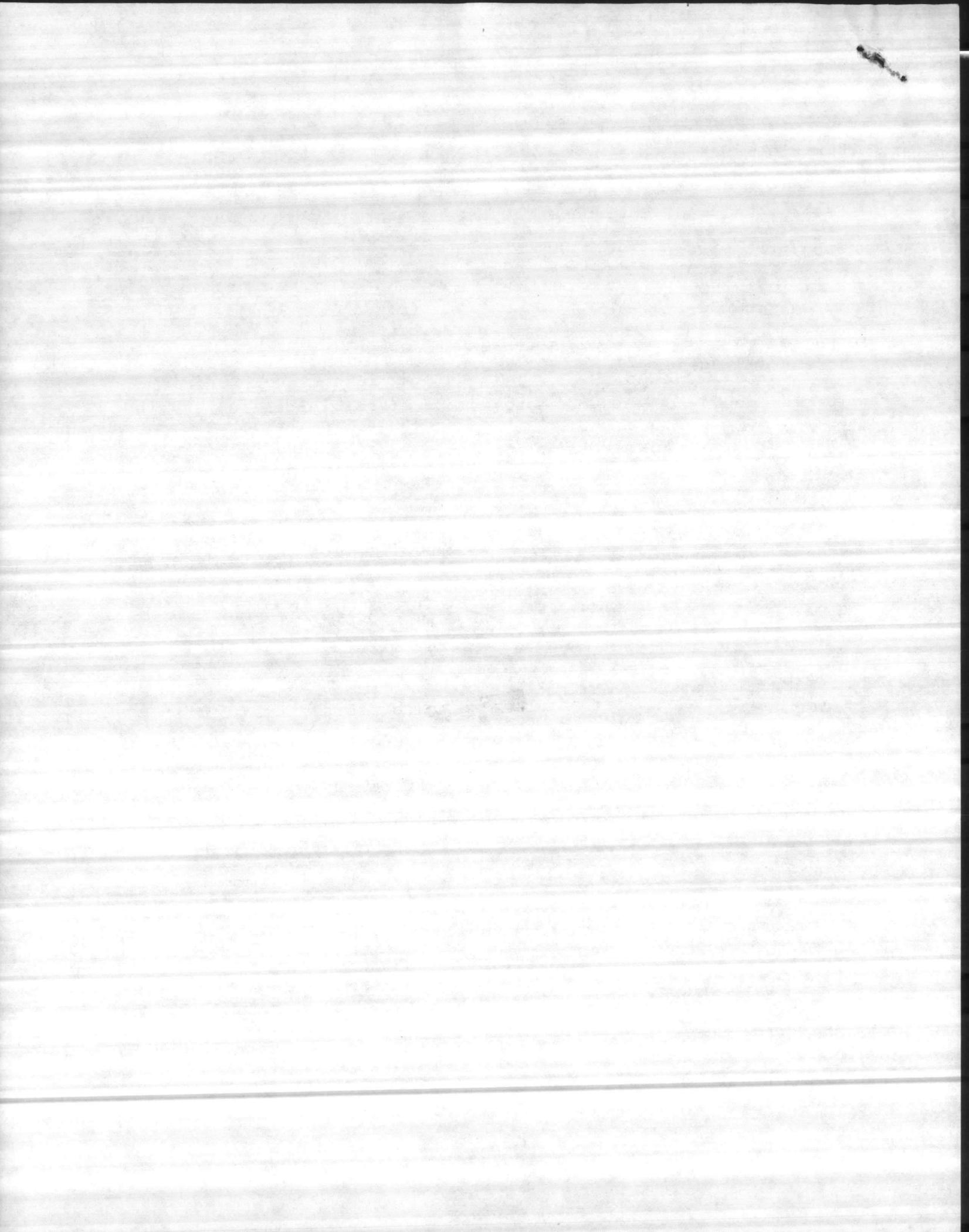
DISTRIBUTION:

(Members)

Rep, 2d MarDiv (G-4)  
Rep, 2d FSSG (G-4)  
Rep, 6th MAB (G-4)  
Rep, MCAS, NR (S-4)  
TFACO  
MAIN  
PWO

(Advisors)

Dir, NREA  
SupvEcologist  
BWildlifeMgr  
BGame Protector, PMO  
SAFD  
SJA  
DRMO  
Ch, VetMed Svc, NH  
Ch, Occup/PrevMed, NH



A G E N D A

ENVIRONMENTAL ENHANCEMENT/IMPACT REVIEW BOARD  
Marine Corps Base  
Camp Lejeune, NC

25 September 1986

- I. Call to order
- II. Review of Preliminary Environmental Assessments (PEA)

<u>Title</u>	<u>Action Sponsor</u>
A. School of Infantry (P-870)	AC/S, Training, MCB
B. Combined Arms Staff Trainer (CAST) (P-872)	AC/S, Training, MCB
C. Bachelor Enlisted Quarters (BEQ) (P-871)	Public Works Officer
D. Bachelor Enlisted Quarters (BEQ) (P-629)	Public Works Officer
E. Electronics/Communications Maintenance Shop (P-679)	2d FSSG
F. Electronics/Communications Maintenance Shop (P-564)	2d FSSG
G. Child Care Facility (P-852)	AC/S, MWR, MCB
H. Electronics/Communications Maintenance Shop (10th Marines) (P-229)	2d MarDiv
I. Remotely Piloted Vehicle Maintenance Shop (P-873)	2d MarDiv
J. Mechanics Training Building (P-810)	MCSSS
K. Mess Hall Addition, French Creek Area (P-841)	2d FSSG
L. FY 87 Timber Harvest Plan	Dir, Nat Resources & Env Affairs
M. Controlled and Prescribed Burning Program for FY 87 at MCB Camp Lejeune	Dir, Nat Resources & Env Affairs
N. Corrosion Control Facility (P-433)	MCAS, New River



O. Ordnance Building (P-497)

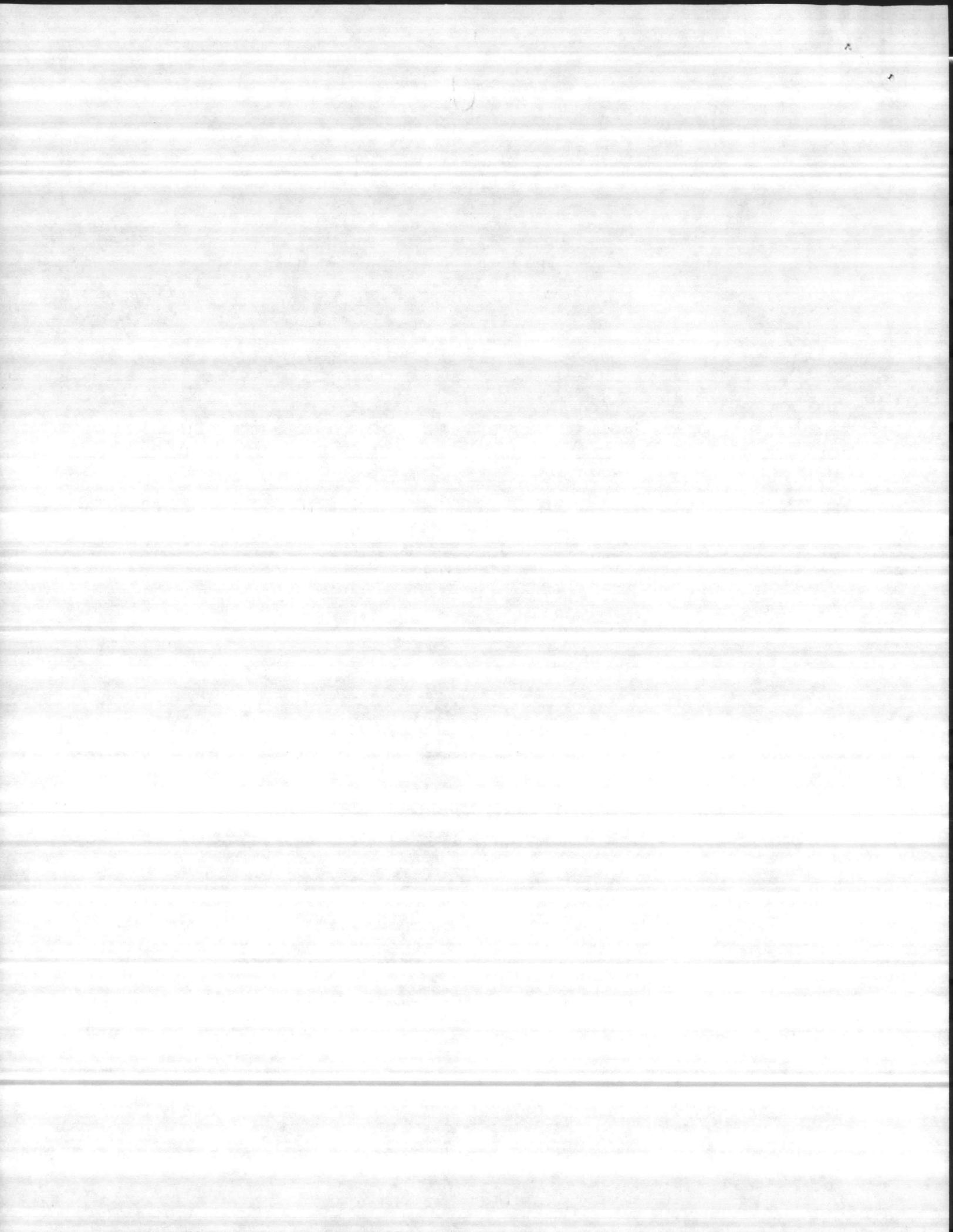
MCAS, New River

P. Aviation Armament Shops (2)  
(P-506)

MCAS, New River

III. Comments by members

IV. Adjournment





UNITED STATES MARINE CORPS  
MARINE CORPS BASE  
CAMP LEJEUNE, NORTH CAROLINA 28542-5001

IN REPLY REFER TO:  
11000  
TRNG/OPS  
21 Jul 86

From: Assistant Chief of Staff, Training and Operations  
To: Assistant Chief of Staff, Facilities

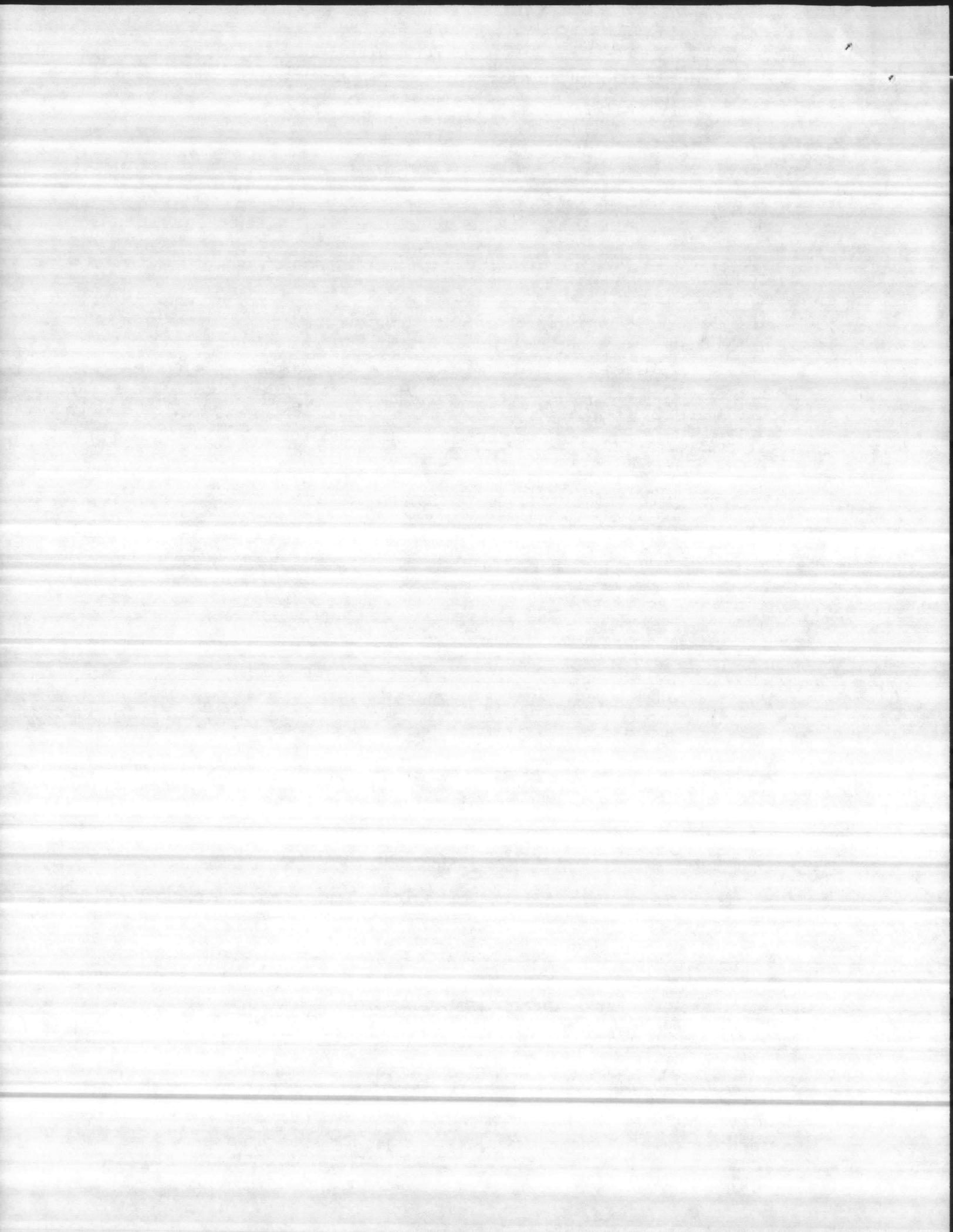
Subj: PREPARATION OF ENVIRONMENTAL DOCUMENTS FOR FY-89 MILITARY  
CONSTRUCTION PROJECTS

Ref: (a) CG MCB ltr 6280 over FAC dtd 3 Jul 86

Encl: (1) Environmental Impact Review; P-872 Combined Arms  
Staff Trainer  
(2) Environmental Impact Review; P-870 School of Infantry

1. In accordance with the reference, enclosures (1) and (2) are  
submitted.

*J. F. Charles*  
J. F. CHARLES  
By direction



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Assistant Chief of Staff, Training and Operations

2. Name, Address, Phone Number of Point of Contact: Elton C. O'Byrne,  
Director, TAVSC, MCB, CLNC, ext 3733/1972

3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

P-872 Combined Arms Staff Trainer

Date: Ready for training date currently July 1990

Purpose: To provide staff training facility for FMF commands.

1 May 1984

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).
5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? UNK Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? NO Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? UNK Will there be an increase in level of soil disturbance/damage to vegetation? UNK Will there be one acre or more of land cleared/disturbed? NO

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any excavations deeper than twenty feet? NO Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? NO Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? UNK

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNK Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? UNK Will all wastewater be connected to sanitary sewer? UNK Will there be an increase in erosion/siltation from soil disturbing activity? UNK Will petroleum oil and lubricants be routinely stored or used at the site? NO Will the project increase rates of surface/storm water run-off? NO

e. Natural Resources: Will there be a loss of forest land? NO Will public access for hunting, boating, fishing, etc., be restricted? NO Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? NO Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? Yes Will there be any increased demand on a local or state government to provide services? NO Will there be any changes to traffic flow and patterns on or off-base? Yes Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? NO Is there any known controversy associated with the type of project or action proposed? NO Are there any historical or archaeological sites affected by project/action? NO

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)

REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding Officer, Infantry Training School, MCB, CLNC
2. Name, Address, Phone Number of Point of Contact: 1st Lt. P.R. WILSON, Logistics Officer, ITS, MCB, CLNC (Ext. 0248/0461)

3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

SCHOOL OF INFANTRY (P-870)

I. PROJECT DESCRIPTION

Construct a permanent academic instructional facility with masonry walls, reinforced concrete floor, steel joists, metal roof deck with built-up roofing and interior masonry partitions. Interior support systems consist of air conditioning, heating, ventilation, fire protection, public address and communication systems. Exterior support systems consist of utility connections, paved road and parking, sidewalks and site improvements.

II. PROJECT PURPOSE

This project will provide an instructional facility for the newly established U. S. Marine Corps School of Infantry.

III. SITE SELECTION

The project's environmental impact upon its location at Camp Geiger is being written and processed through the local EIA Review Board. No adverse environmental impact is anticipated.

IV. CONCLUSION

Based upon the Base Master Plan and pending finalization of the above mentioned review, this project will not have significant adverse impact on the environment. The subject facility is needed to establish formal skill progression training for enlisted infantry leaders.

1 May 1984

4. Location: Attach a Corp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the proposed action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? No Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? No Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require an amount of significant amount of earthen fill material? Unk Will there be an increase in level of soil disturbance (due to vegetation)? No Will there be one acre or more of land cleared/disturbed? No

c. Groundwater Quality: Does the project involve use of pesticides, insecticides or other pesticides in significant amount? No Does the project involve installation/use of septic tanks or any other type of disposal of sanitary waste? No Will there be any wells dug or any excavation deeper than twenty feet? Unk Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? No Will there be a net increase of solid waste caused by implementing the project/action? No Will the project or action be carried out within 200 feet of a drinking water supply well? No

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? Unk Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? Unk Will all wastewater be connected to sanitary sewer? Yes Will there be an increase in erosion/siltation from soil disturbing activity? Unk Will petroleum oil and lubricants be routinely stored or used at the site? No Will the project increase runoff of surface/ground water run-off? Unk

e. Natural Resources: Will there be a loss of forest land? No Will public access for hunting, fishing, etc., be restricted? No Is there a change in land use from what is presently shown in Base Master Plan? No Will removal of existing vegetation be required? No Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? No

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? No Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)



UNITED STATES MARINE CORPS  
PUBLIC WORKS DIVISION  
BUILDING 1005, MARINE CORPS BASE  
CAMP LEJEUNE, NORTH CAROLINA 28542-5001

IN REPLY REFER TO:

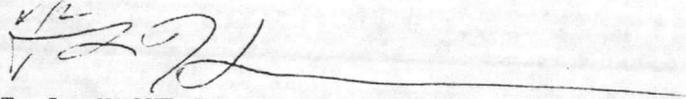
PWO

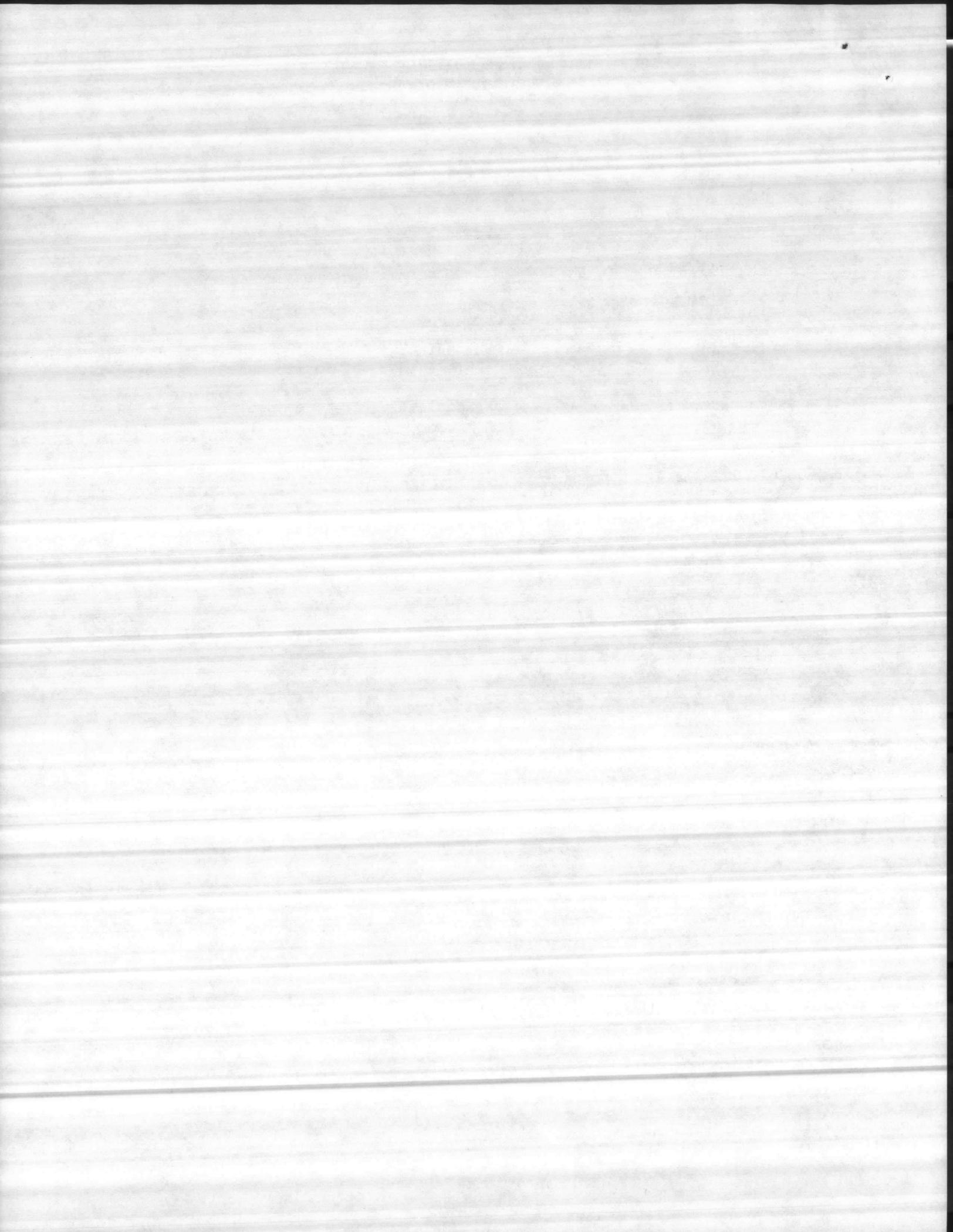
11000

11 July 1986

From: Public Works Officer  
To: Commanding General (Attn: Assistant Chief of Staff, Facilities)  
Subj: ENVIRONMENTAL DOCUMENTS FOR FY89 MILITARY CONSTRUCTION PROJECTS  
Ref: (a) FAC ltr 6280 of 3 July 1986  
Encl: (1) FY89 MCon Project P-629, BEQ; Request for Environmental Impact Review  
(2) FY89 MCon Project P-871, BEQ; Request for Environmental Impact Review

1. As requested by the reference, the enclosures are provided.

  
T. L. HUGUELET



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: Assistant Chief of Staff, Facilities, Marine Corps Base (Attn: Mr. Gene Jones, Manager, Planning Branch, Public Works Division, ext. 1833)
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

BACHELOR ENLISTED QUARTERS, CAMP GEIGER (P-871)

I. PROJECT DESCRIPTION

PROJECT: Provide adequate billeting for enlisted personnel assigned to the proposed U. S. Marine Corps School of Infantry Training.

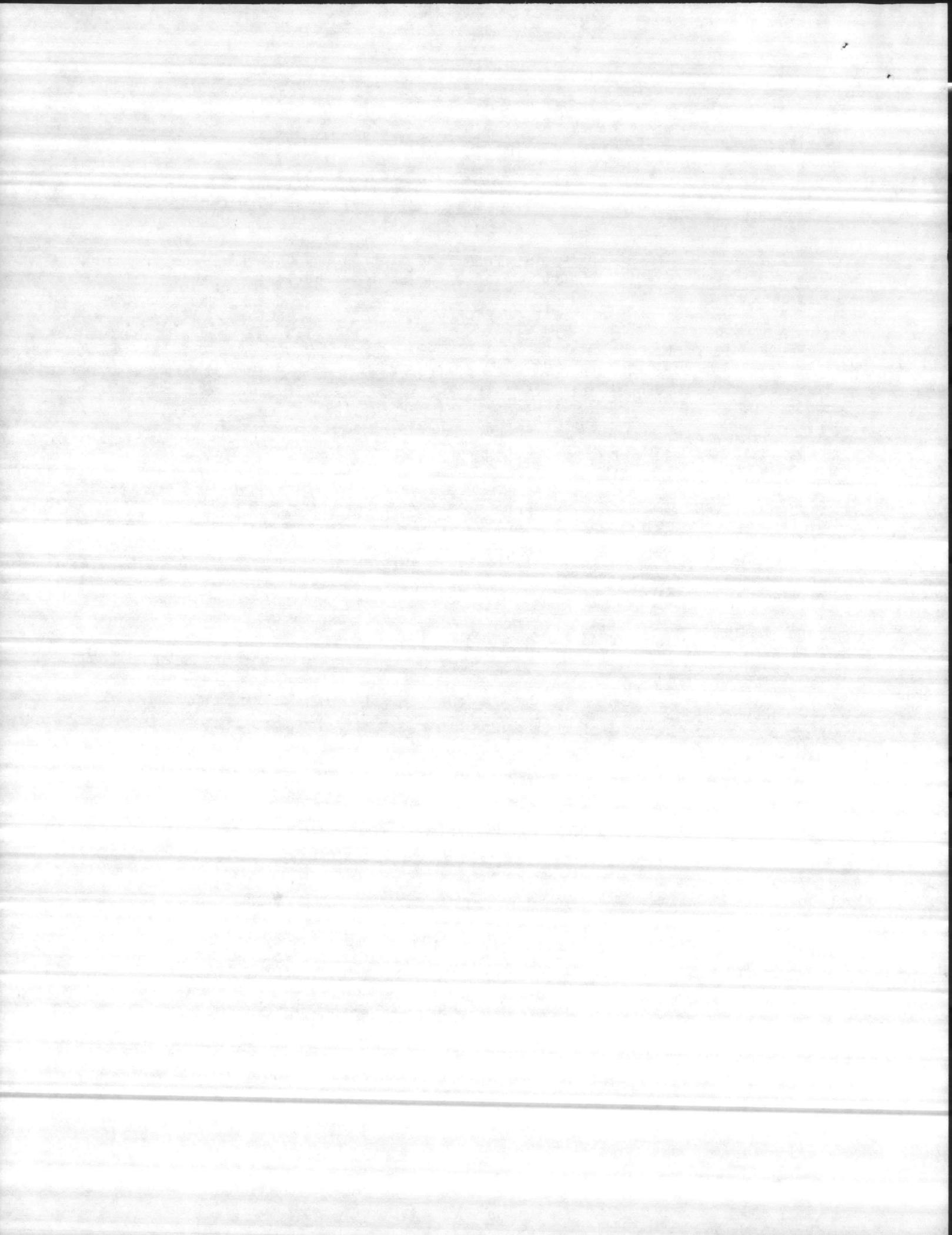
II. PROJECT PURPOSE

REQUIREMENT: This barracks will accommodate approximately 150 student personnel attending the Squad Leader, Platoon Sergeant Course and various Marine Corps Institute complimentary courses. Approximately 200 student personnel will be training in the new Platoon Sergeant Course along with 600 personnel in the new Squad Leader Course annually. This facility will be located in close proximity to the proposed School of Infantry at Camp Geiger.

III. SITE SELECTION

The site location is in accordance with the Base Master Plan and has been approved by CMC. See enclosure (1).

IV. CONCLUSION



1 May 1984

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? UNKNOWN Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? NO Will the project involve the use or disposal of asbestos? YES Will project cause dust problems? UNKNOWN

b. Land Quality: Will the action require use of significant amount of earthen fill material? UNKNOWN Will there be an increase in level of soil disturbance/damage to vegetation? UNKNOWN Will there be one acre or more of land cleared/disturbed? UNKNOWN

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any excavations deeper than twenty feet? UNKNOWN Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? YES Will there be a net increase of solid waste caused by implementing the project/action? YES Will the project or action be carried out within 200 feet of a drinking water supply well? UNKNOWN

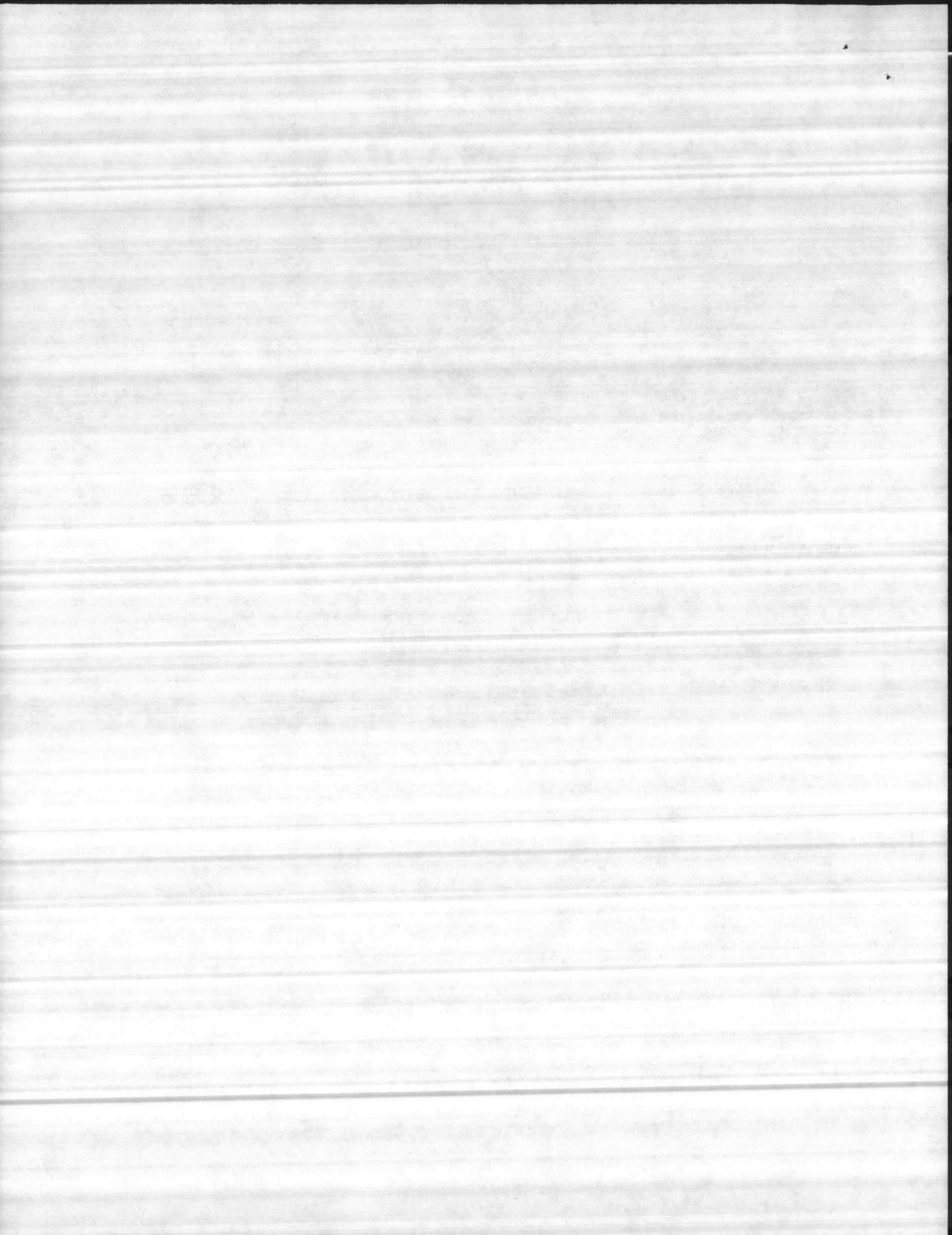
d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNKNOWN Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? UNKNOWN Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? UNKNOWN Will petroleum oil and lubricants be routinely stored or used at the site? NO Will the project increase rates of surface/storm water run-off? UNKNOWN

e. Natural Resources: Will there be a loss of forest land? NO Will public access for hunting, boating, fishing, etc., be restricted? NO Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? UNKNOWN Are there any known effects on any endangered species? UNKNOWN Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? UNKNOWN Will there be any increased demand on a local or state government to provide services? UNKNOWN Will there be any changes to traffic flow and patterns on or off-base? YES Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? UNKNOWN Are there any known controversy associated with the type of project or action proposed? UNKNOWN Are there any historical or archaeological sites affected by project/action? UNKNOWN

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune (Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Division, ext 1833)
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

BACHELOR ENLISTED QUARTERS (P-629)

I. PROJECT DESCRIPTION

Construct five 3-story reinforced concrete frame buildings, masonry walls, pile foundations, utility connections; 600 bedrooms with individual bathrooms, lounges, laundry; storage, vending machine areas. Construct 3 recreation fields, demolition of 5 buildings and three recreation fields, etc.. Provide telephones and telephone switching equipment.

II. PROJECT PURPOSE

Provide adequate billeting for unaccompanied enlisted personnel assigned to the 2d Marine Division.

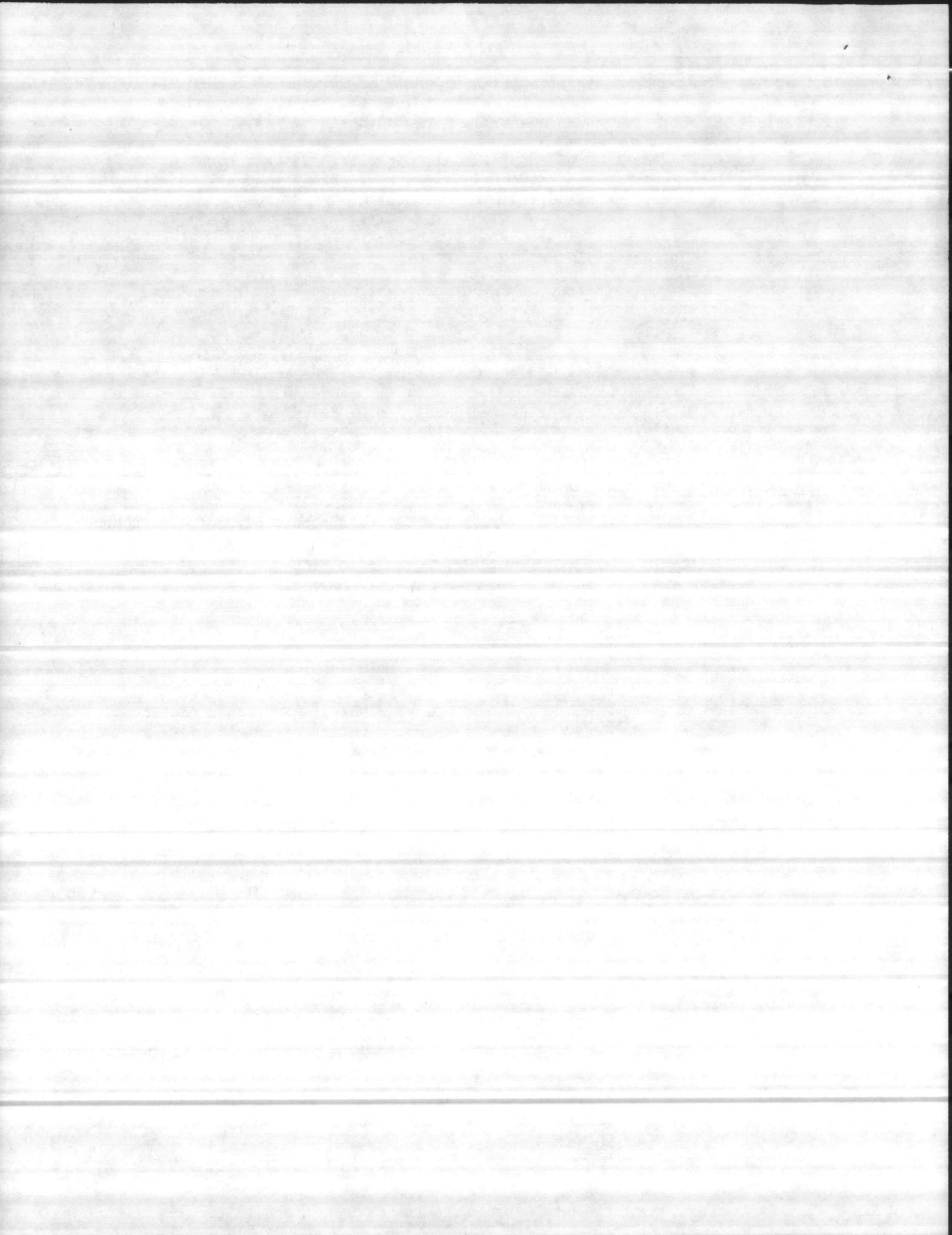
III. SITE SELECTION

The project site is in accordance with the Base Master Plan and will be located in the 300 and 500 area of Hadnot Point.

IV. CONCLUSION

Based on the information provided and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. The Division billeting area was comprised of 60 inadequate WWII open squad bay barracks with communal heads and showers. A replacement program began in 1978, with the construction of 3 of 6 new BEQ's each year. This is the 10th increment of a planned series of 11 increments to replace these 60 barracks. One future increment will be required to replace the remaining WWII barracks.

Enclosure (1)



1 May 1984

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? NO Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? NO Will there be an increase in level of soil disturbance/damage to vegetation? YES Will there be one acre or more of land cleared/disturbed? YES

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any excavations deeper than twenty feet? NO Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? NO Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? NO

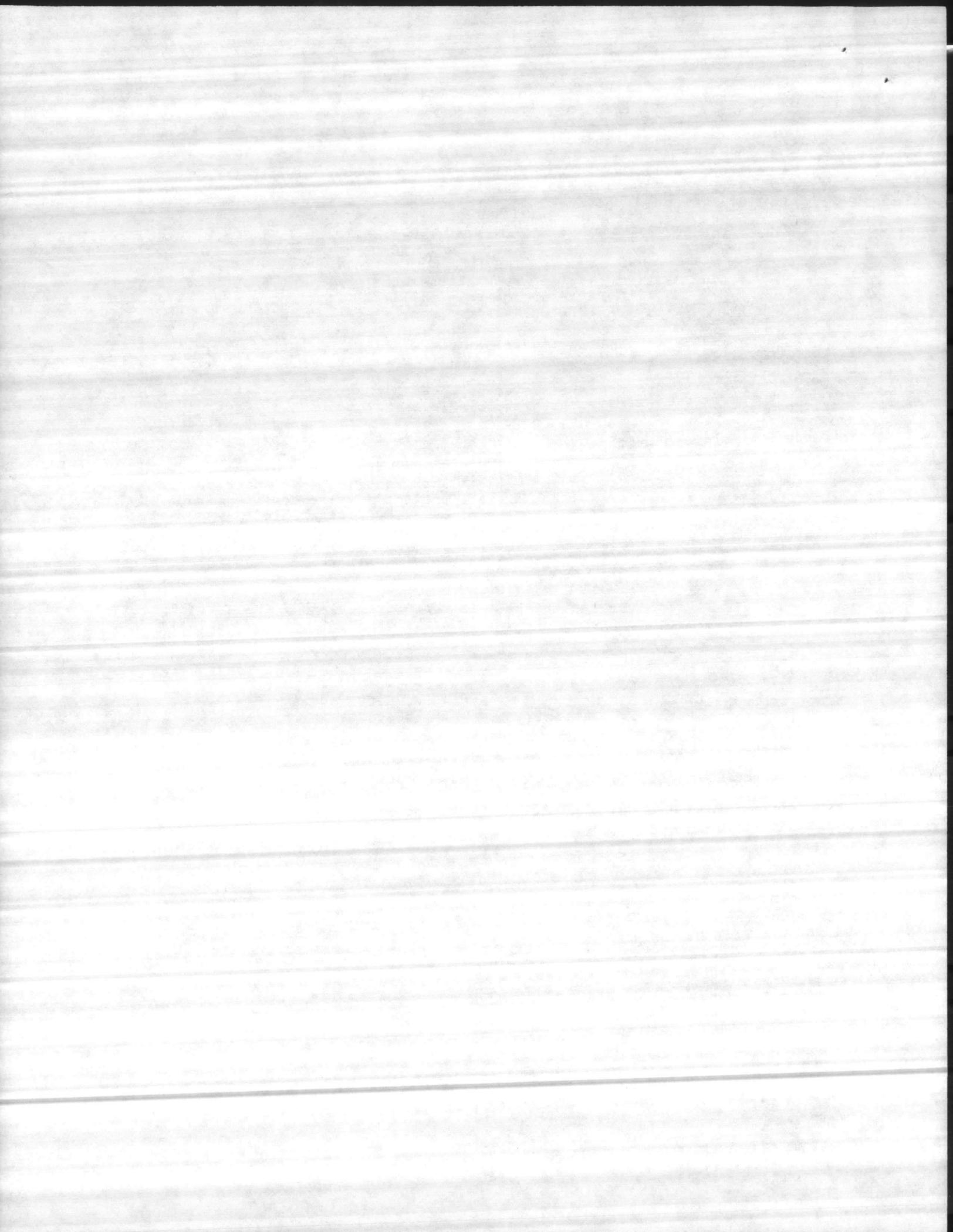
d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNKNOWN Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? UNKNOWN Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? UNKNOWN Will petroleum oil and lubricants be routinely stored or used at the site? NO Will the project increase rates of surface/storm water run-off? YES

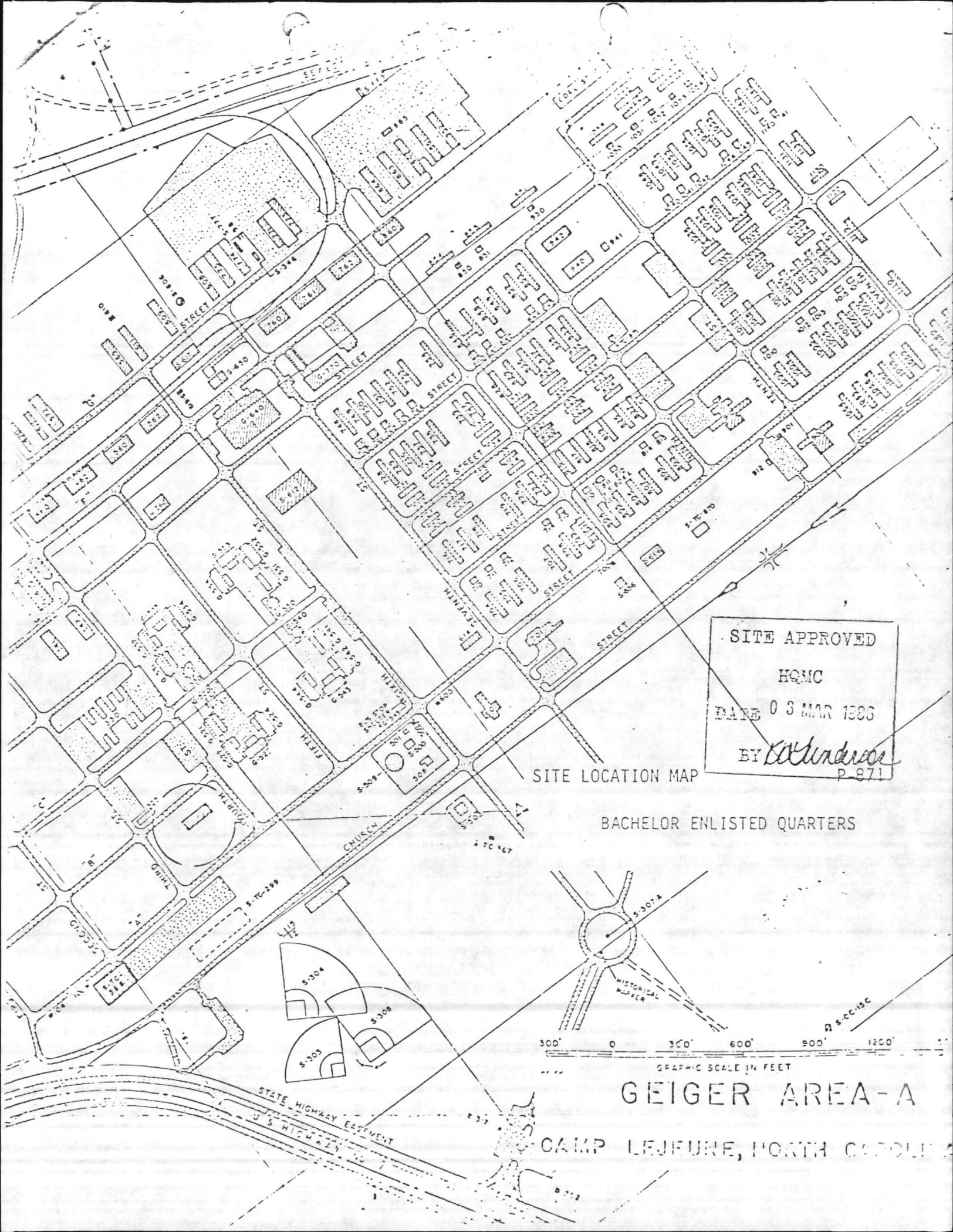
e. Natural Resources: Will there be a loss of forest land? NO Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? UNKNOWN Will there be any increased demand on a local or state government to provide services? NO Will there be any changes to traffic flow and patterns on or off-base? NO Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? NO Is there any known controversy associated with the type of project or action proposed? NO Are there any historical or archaeological sites affected by project/action? NO

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)

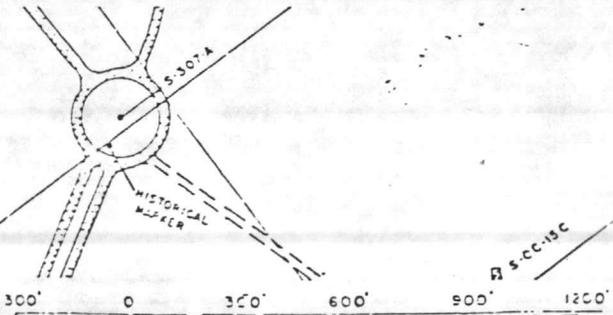




SITE APPROVED  
 HQMC  
 DATE 03 MAR 1966  
 BY *K. Anderson*  
 P. 871

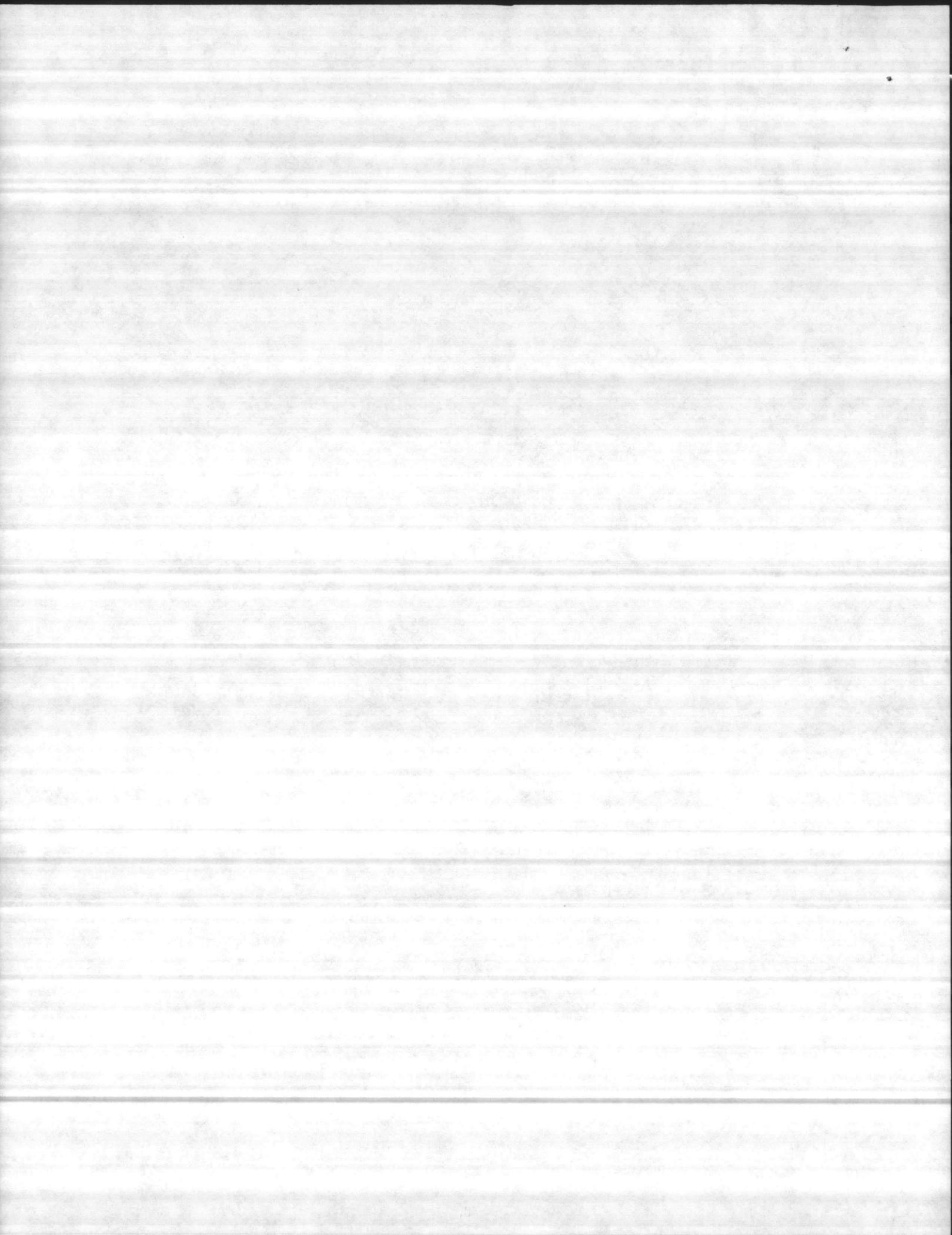
SITE LOCATION MAP

BACHELOR ENLISTED QUARTERS



GEIGER AREA-A

CAMP LEJEUNE, NORTH CAROLINA





UNITED STATES MARINE CORPS  
2D FORCE SERVICE SUPPORT GROUP (REIN)  
FLEET MARINE FORCE, ATLANTIC  
CAMP LEJEUNE, NORTH CAROLINA 28542-5701

IN REPLY REFER TO:  
6280  
42  
19 Aug 86

From: Commanding General, 2d Force Service Support Group (Rein)  
To: Commanding General, Marine Corps Base, Camp Lejeune, NC

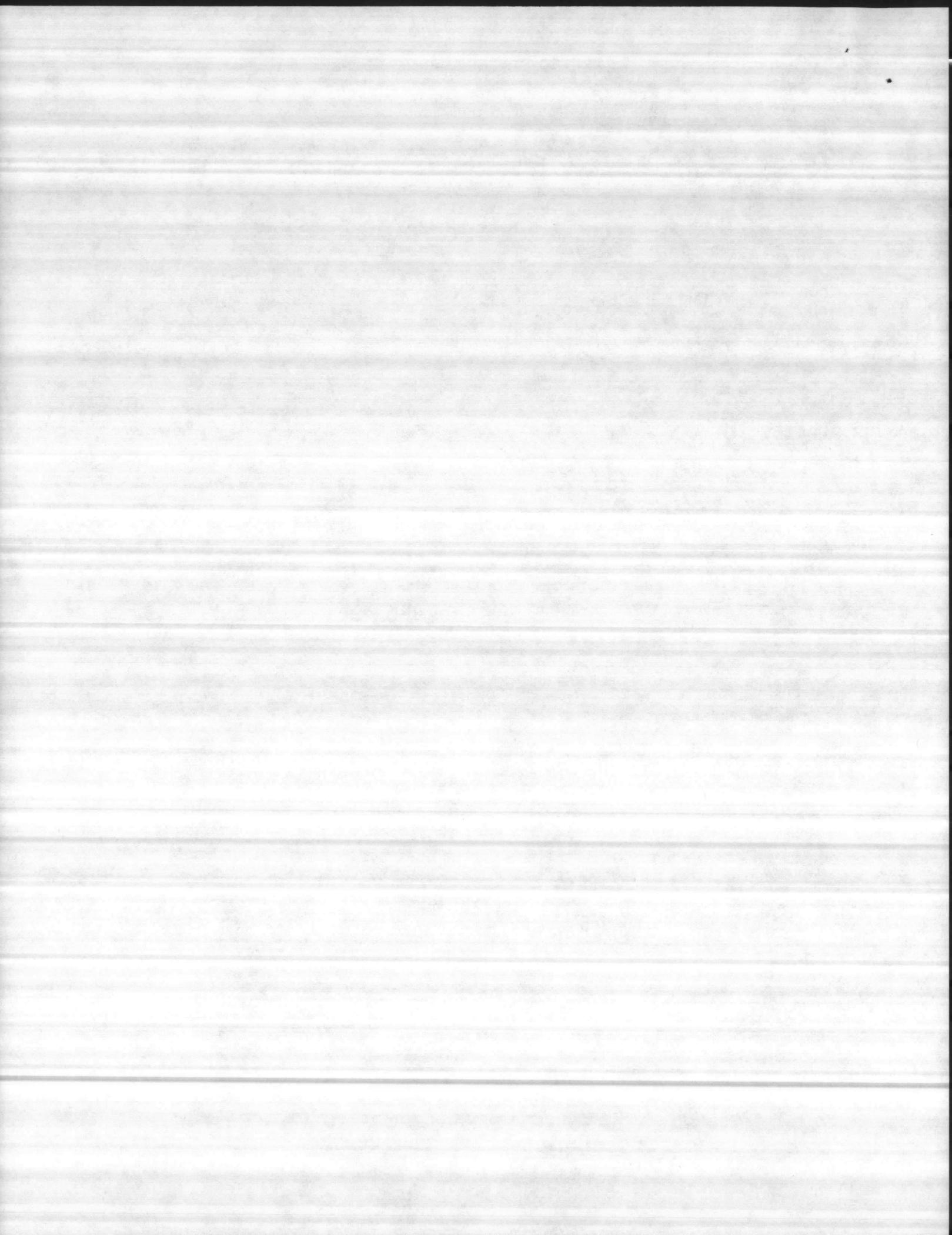
Subj: PREPARATION OF ENVIROMENTAL DOCUMENTS FOR FY-89 MILITARY  
CONSTRUCTION PROJECTS

Encl: (1) Enviromental Impact Review Formats

1. The enclosure is submitted for consideration by the Marine Corps  
Base Environmental Impact Review Board.

2. Point of contact is Maj Bancroft, Ext 3456/1042.

*A M Bancroft*  
A. M. BANCROFT  
By direction



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, 2d Force Service Support Group (Rein)
2. Name, Address, Phone Number of Point of Contact: AC/S, G-4 Facilities, 2d FSSG  
CamLej Attn: Maj. Bancroft, Facilities Officer Ext: 3456/1042
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (P-679)

1. PROJECT DESCRIPTION

Construct a one-story Comm/Elec shop with piles, reinforced concrete foundation, floors, masonry walls. Built up roof over insulation and interior support systems to include air conditioning, steam, compressed air, sprinkler fire alarm, plumbing, telephones and telephone equipment installation. 60/400 cycle electrical with grounding. Exterior pavements, fencing, area lighting, site work, and utilities connected.

2. PROJECT PURPOSE

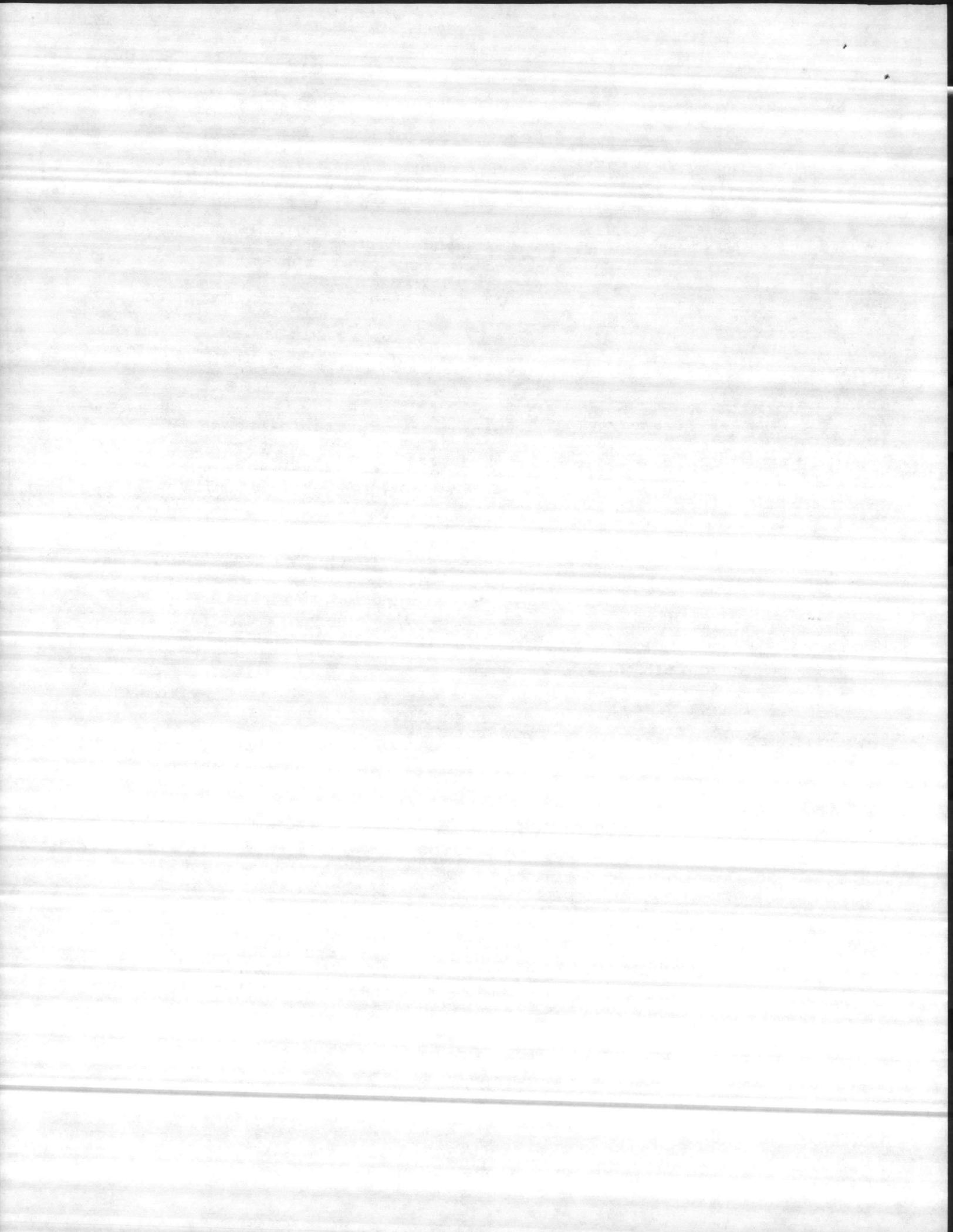
This project will provide an adequate Electronics Communication shop for the 2d Maintenance Bn of 2d Force Service Support Group.

3. SITE SELECTION

The environmental impact of location of the project has been documented in the current Base Master Plan. (See Enclosure 1). The preferred site has been reviewed with Base Environmental personnel. No significant environmental impact or loss of natural resources were identified with this proposed site.

4. CONCLUSION

Based on the information provided above and in the Camp Lejeune Master Plan, this project will not have any significant adverse environmental impact on the environment. This facility is required due to personnel having to perform maintenance on electronic equipment in substandard facilities which adversely affects the maintenance capability and combat readiness of this unit.



4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? YES Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? NO Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

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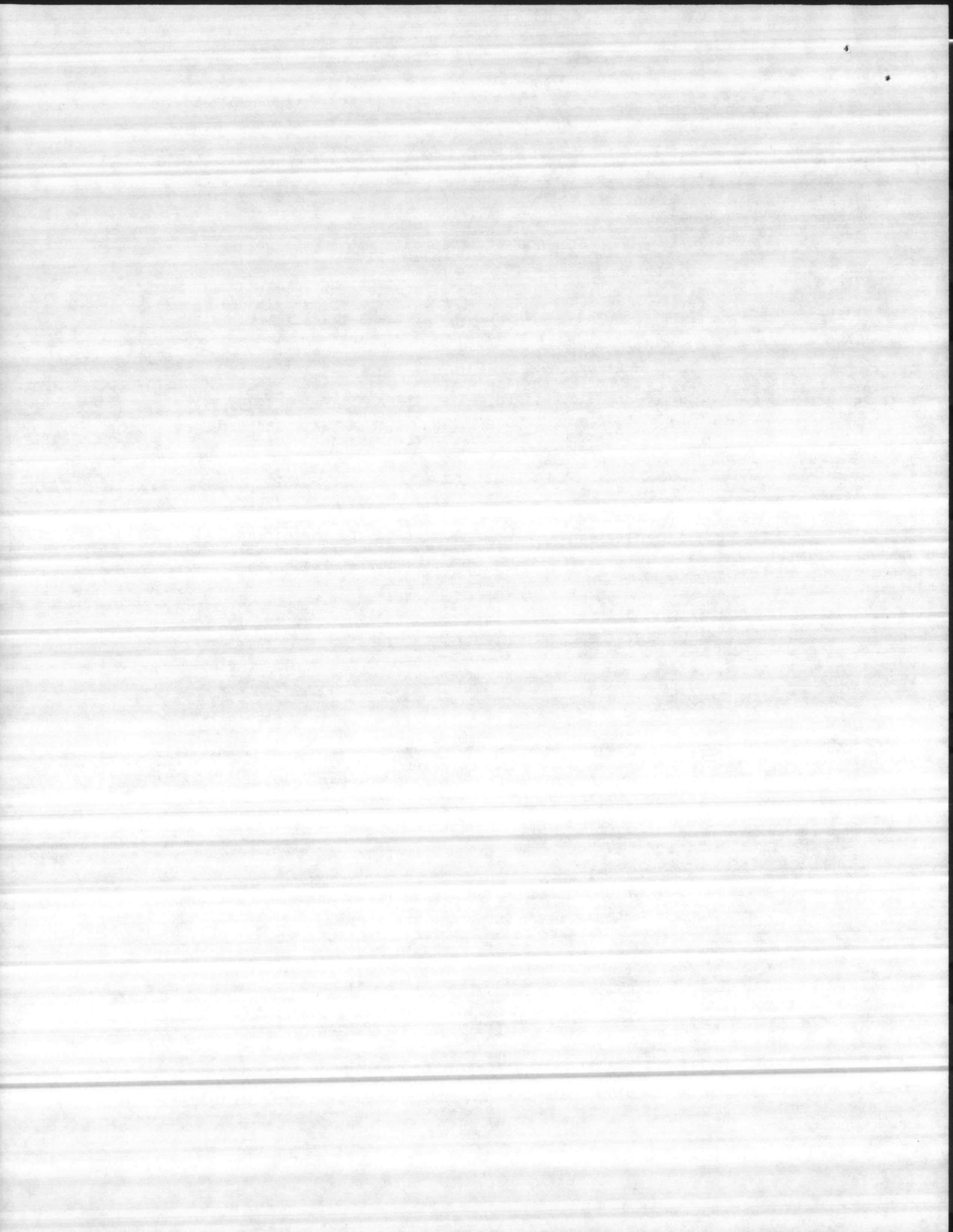
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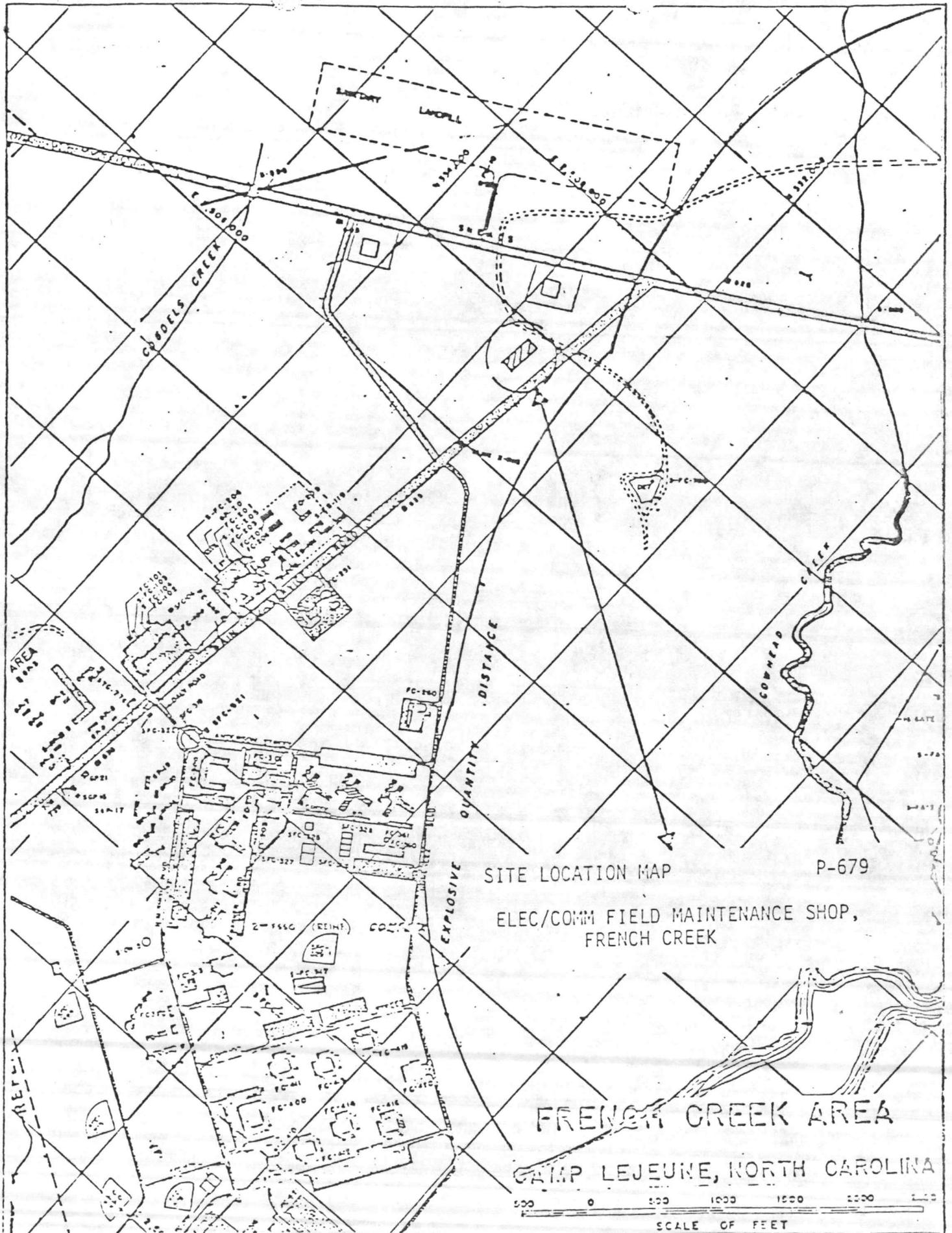
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e. Natural Resources: Will there be a loss of forest land? NO Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

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NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.





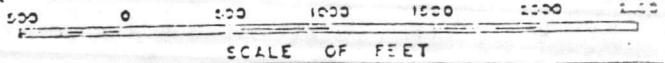
SITE LOCATION MAP

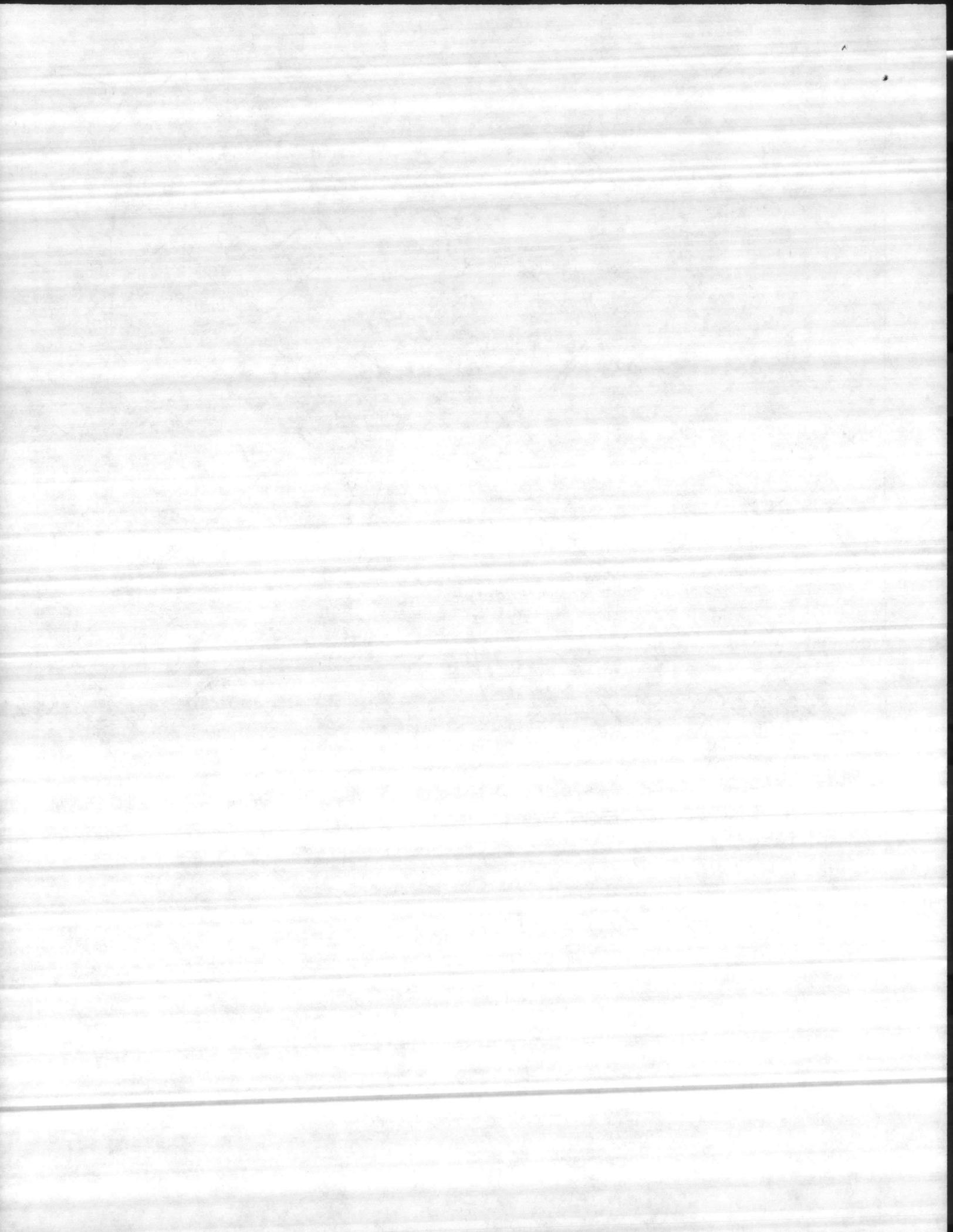
P-679

ELEC/COMM FIELD MAINTENANCE SHOP,  
FRENCH CREEK

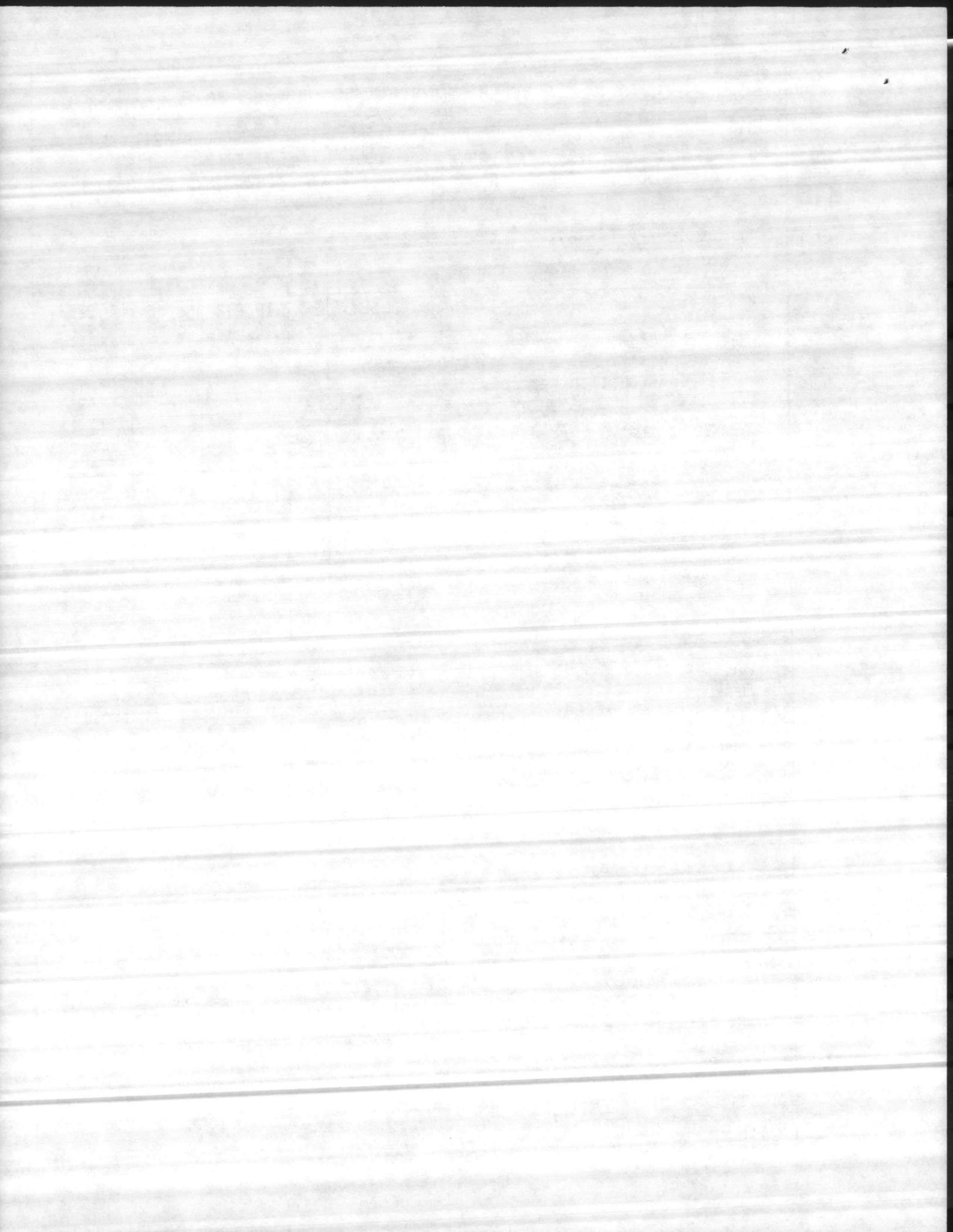
FRENCH CREEK AREA

CAMP LEJEUNE, NORTH CAROLINA





1. COMPONENT MARINE CORPS		FY 19 <sup>89</sup> MILITARY CONSTRUCTION PROJECT DATA		2. DATE 20 Feb 86	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542			4. PROJECT TITLE ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP		
5. PROGRAM ELEMENT		6. CATEGORY CODE 217-30	7. PROJECT NUMBER P-679		8. PROJECT COST (\$000) 1,800
ESCALATED TO APRIL 1989					
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP		SF	19,912	66.56	1,325
Building		SF	19,912		(982)
Built-in Equipment		LS	-		(343)
SUPPORTING FACILITIES					311
Special Construction Features		LS	-		(41)
Utilities		LS	-		(110)
Roads, Parking, Sidewalks		LS	-		(134)
Site Improvements		LS	-		(26)
SUBTOTAL					1,636
CONTINGENCY (5%)					82
TOTAL CONTRACT COST					1,718
SUPERVISION, INSPECTION & OVERHEAD (5.5%)					94
TOTAL REQUEST					1,812
TOTAL REQUEST (ROUNDED)					1,800
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(NON-ADD)	(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION					
<p>Permanent one-story shop with piles, reinforced concrete foundation, floors, and masonry walls. Built-up roof over insulation and interior support systems, i.e.: air conditioning, steam, compressed air, sprinkler fire alarm plumbing, telephones and telephone equipment installation, 60/400 cycle electrical; grounding, etc., exterior pavements, fencing, area lighting, site work, and utilities connected. Fallout shelter excluded - shelters for personnel have been programmed in other projects.</p> <p>Air conditioning: 20 Tons</p>					
<p>REQUIREMENTS: <u>26,312 SF</u> *ADEQUATE: <u>13,662 SF</u> SUBSTANDARD: <u>0 SF</u></p>					
<p>PROJECT: Provide an adequate facility for the 2d Force Service Support Group Maintenance Battalion to perform third and fourth echelon electronic/communication maintenance.</p> <p>REQUIREMENT: A maintenance facility to effectively execute the prescribed Electronics and Communications Maintenance Program.</p> <p>CURRENT SITUATION: The maintenance program is being carried out in a facility with inadequate utilities, security, and building configuration. Location of existing facility is contrary to the Facility Master Plan.</p> <p>IMPACT IF NOT PROVIDED: The deadline time on electronic equipment for personnel and vehicles will remain adversely affected and maintenance capability and combat readiness will continue to be impaired.</p>					

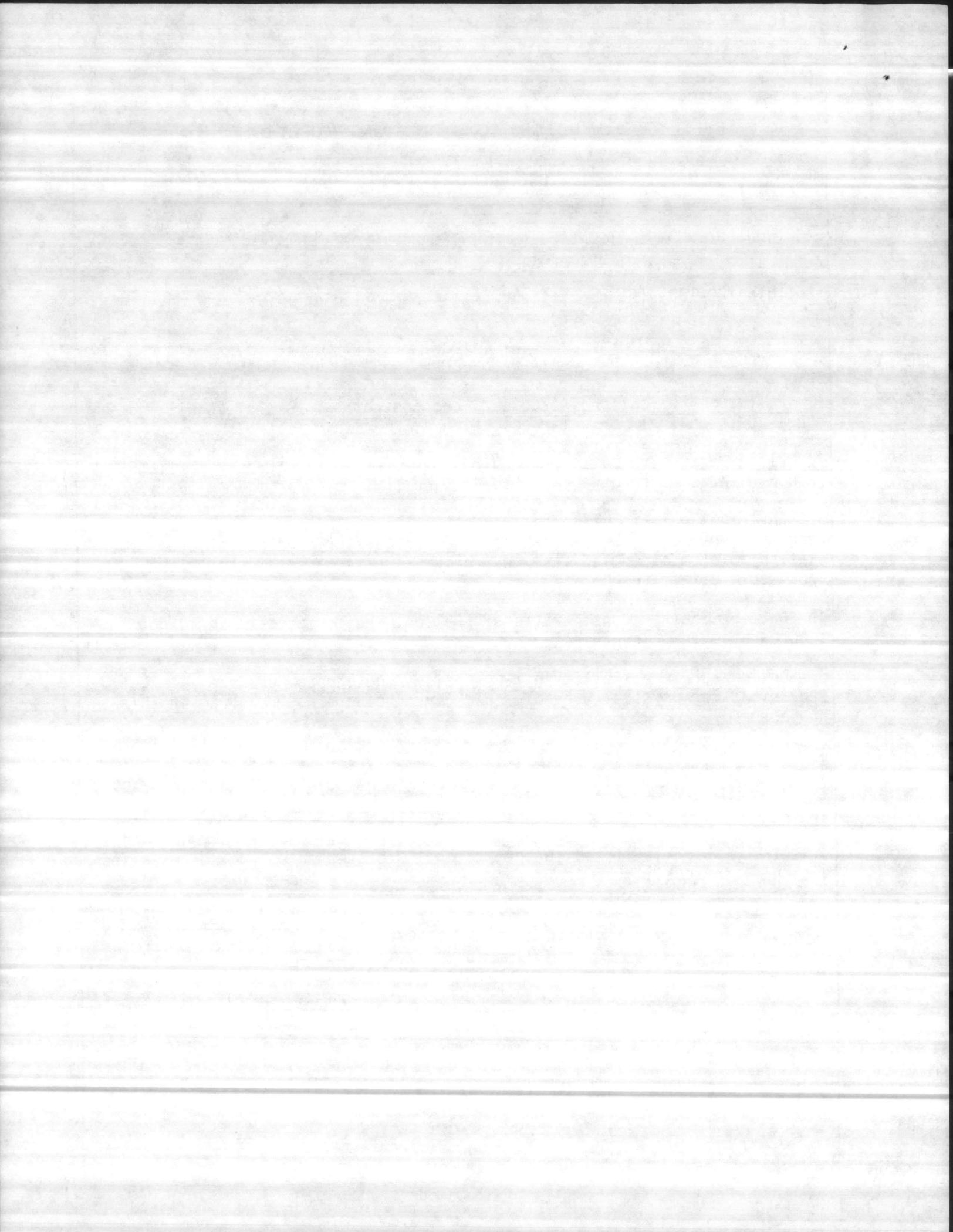


1. COMPONENT MARINE CORPS	FY 19 <sup>89</sup> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE, -CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE ELECTRONICS/COMMUNICATIONS FIELD MAINTENANCE SHOP	5. PROJECT NUMBER P-679	

\*Building FC-100 will be utilized until completion of P-679 and convert back to Category Code 214-51.

SPECIAL CONSIDERATIONS

1. Pollution Prevention, Abatement, and Control: This project will not cause additional air or water pollution.
2. Flood Hazard Evaluation: Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.
3. Environmental Impact: The project Environmental Impact Assessment has been made, reviewed, and where required, the design concepts give consideration to eliminating adverse environmental effects consistent with applicable directives.
4. Fallout Shelter Considerations: Fallout shelter protection is not incorporated in this project.
5. Design for Accessibility of Physically Handicapped Personnel: Provisions for physically handicapped personnel are not required in this project.
6. Use of Air Conditioning: Ceiling "U" factors will be made to conform with DOD 4270.1-M.
7. Preservation of Historical Sites and Structures: This project does not directly or indirectly affect a district, site, building, structure, object, or setting which is listed in the National Register or otherwise possesses a significant quality of American history.
8. "New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76): Not applicable.



1. COMPONENT MARINE CORPS	FY 1989 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
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3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542
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4. PROJECT TITLE ELEC/COMM FIELD MAINTENANCE SHOP	5. PROJECT NUMBER P-679
--	----------------------------

FACILITY STUDY

1. Project: Provide 19,912 SF of Electronics/Communications Maintenance Shop to perform third and fourth echelon elec/comm maintenance.

2. Current and Planned Future Workload with Regard to this Project: The duration of need is indefinite and the facility will be utilized 100 percent of the time. An average of ten hours per day for a five-day work-week is spent in the shop. After training exercises or deployments, the maintenance workload increases; consequently, many nights and weekends are required to perform the additional maintenance. The organization is responsible for performing third and fourth echelon maintenance on all items of electronics and communications equipment authorized by the T/E. The future workload is difficult to project; however, it is expected to increase as the present equipment becomes older and new items are introduced into the system.

3. Description of Proposed Construction:

a. Type of Construction:

(1) Permanent one-story maintenance shop on pilings, reinforced concrete foundations, floors, masonry walls, built-up roofs, insulation, interior utilities, air conditioning in training and administrative areas, 60/400 cycle power with AC/DC power bus duct.

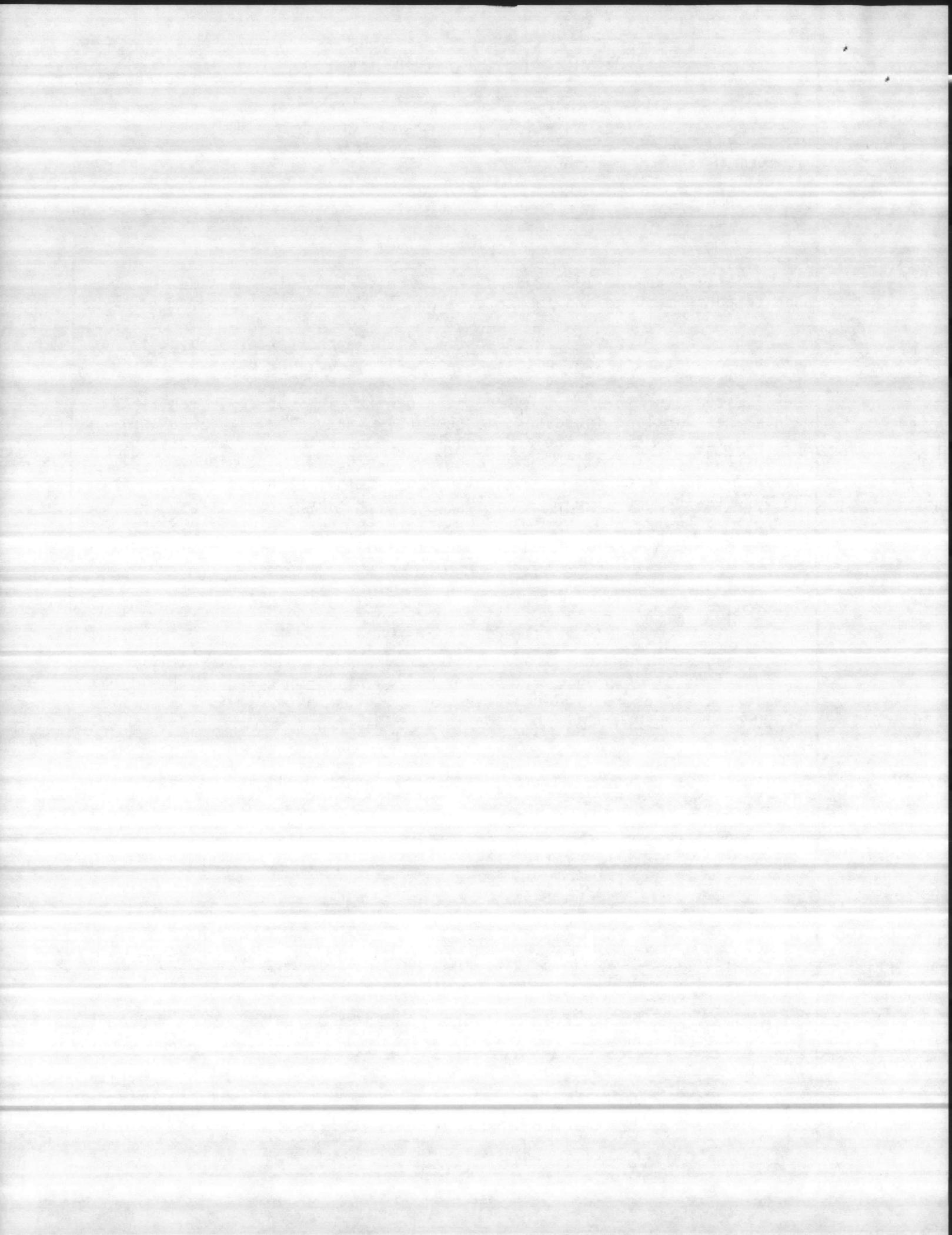
(2) Rigid and flexible walks and parking pavements, security fencing and lighting, site improvements, exterior utilities, telephones and telephone switching equipment.

b. Replacement: Not applicable. Existing facilities will be temporarily utilized to satisfy deficiencies until new facilities are constructed.

c. Description of Work to be Done:

(1) Primary Facilities: Modular reinforced concrete/masonry structures on pile foundation.

(2) Energy Conservation: Energy efficient equipment and building orientation for maximum energy conservation will be utilized.



1. COMPONENT

MARINE CORPS

FY-1989

MILITARY CONSTRUCTION PROJECT DATA

2. DATE

20 Feb 86

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

ELEC/COMM FIELD MAINTENANCE SHOP

5. PROJECT NUMBER

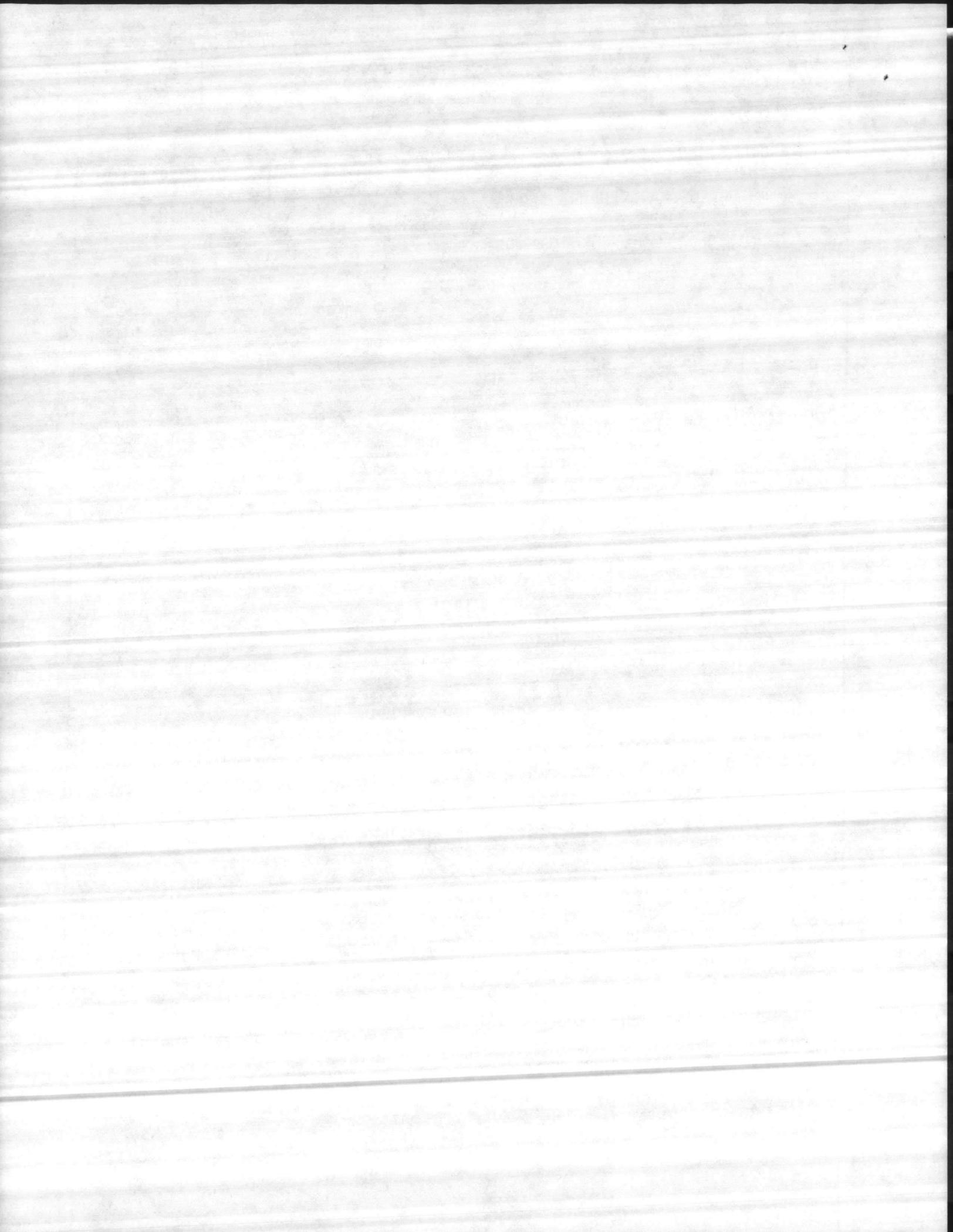
P-579

(3) Collateral Equipment:

(a) Built-in (MCON Funded):

Description

- \* Air Conditioning, Heating & Ventilating Systems
- \* Plumbing System & Steam System (Interior)
- \* Compressed Air System
- \* Sprinkler System
- \* Telephone, Fire Alarm & Intercom Systems
- \* Drinking Water Coolers
- \* Lockers, Wall Mounted
- \* Locker-room benches, 6' long
- \* Chalkboards, Wall Mounted
- \* Bulletin Board, Wall Mounted
- \* Blinds, Venetian, Light Tight
- \* Counter, Dispatchers-
- \* Exhaust System, overhead. fractional HP, 208V, 3 phase
- \* Deluge Shower, w/eye wash CW
- \* Acid Resistant Sink w/bench CW
- \* Exhaust Hood (over) w/fractional HP, 120V, 1 phase fan
- \* Grounding System, Electronic



1. COMPONENT  
MARINE CORPS

FY 1985 MILITARY CONSTRUCTION PROJECT DATA

2. DATE  
20 Feb 86

3. INSTALLATION AND LOCATION  
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE  
ELEC/COMM FIELD MAINTENANCE SHOP

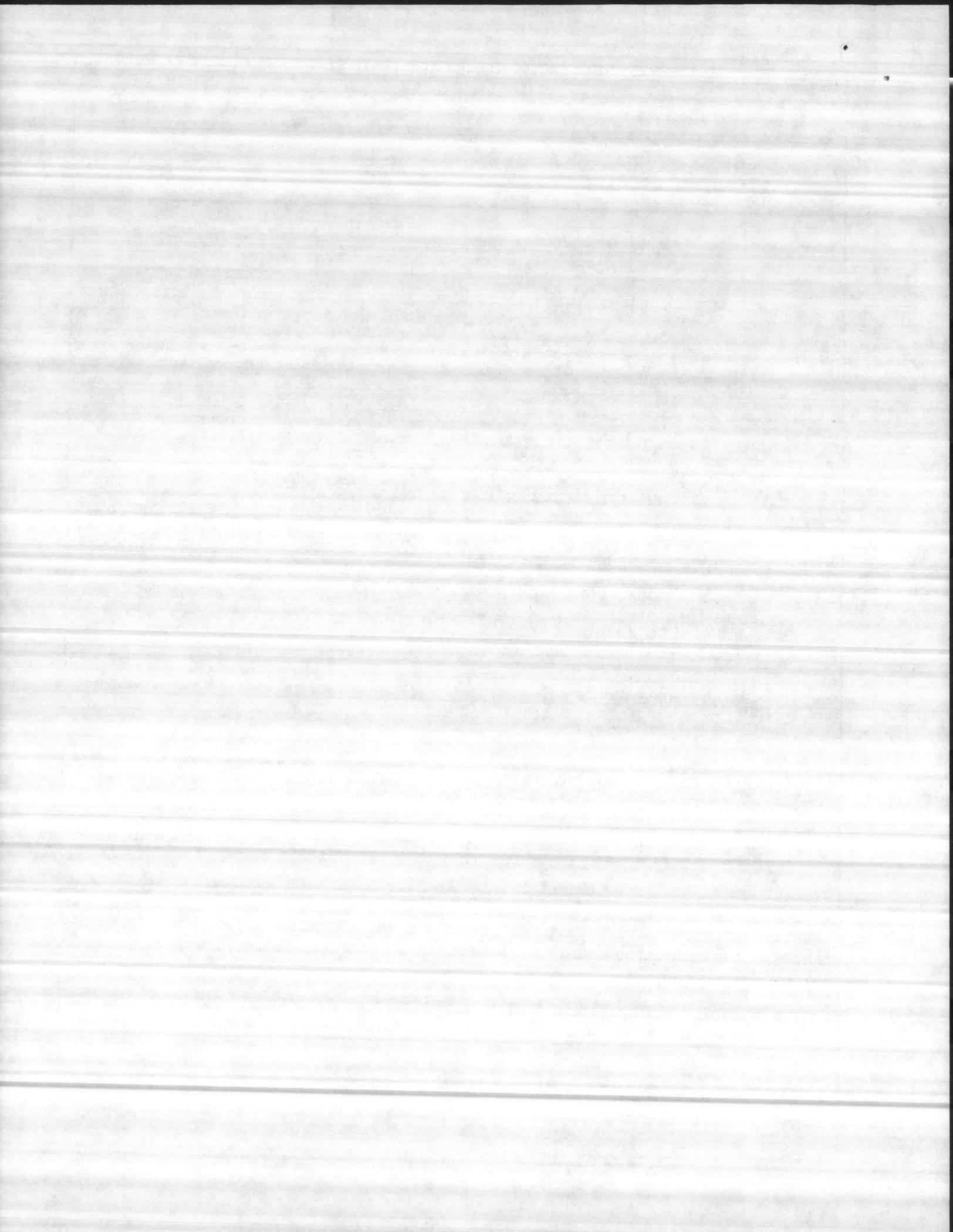
5. PROJECT NUMBER  
P-679

- \*Pass Window, 4' wide, w/counter & "B" label roll down shutter (w/ fusible link)
- \*60/400 Cycle Electrical System with AC/DC Power Bus Bar and transformers

\*Equipment with associated installation cost.

(b) Expense Items:

<u>Description</u>	<u>Qty</u>	<u>Unit of Issue</u>	<u>Unit Price</u>	<u>Total Cost</u>
Benches, work, portable, 48"x28"x34"H	5	EA	\$225	1,125
Benches, work, portable, 72"x28"x34"H	4	EA	340	1,360
Benches, work, stationary, 28"Dx34"H, stl top, std, lead covered in btry shop	2	EA	375	750
Parts Bins, adj shelving 14"x24"D	4	EA	75	300
Grinder, bench, 7" w/ buffer wheel	1	EA	385	385
Parts Rota Bins, 3' dia. multi-bin	4	EA	360	1,440
Charger, battery, 12V, 24V, 36V selenium type; battery tester, 12V, 24V, 36V, 2.2KW, 110/220V	2	EA	550	1,100
14"W shelving w/adj stds	4	EA	120	480
12"W shelving w/adj stds, 6 shelves, 36"W & 84"H	4	EA	90	360
Desk, flat top, dbl ped, 60"x30", walnut pattern top, no overhang	1	EA	315	315



1. COMPONENT

MARINE CORPS

FY

1989

MILITARY CONSTRUCTION PROJECT DATA

2. DATE

20 Feb 86

## 3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

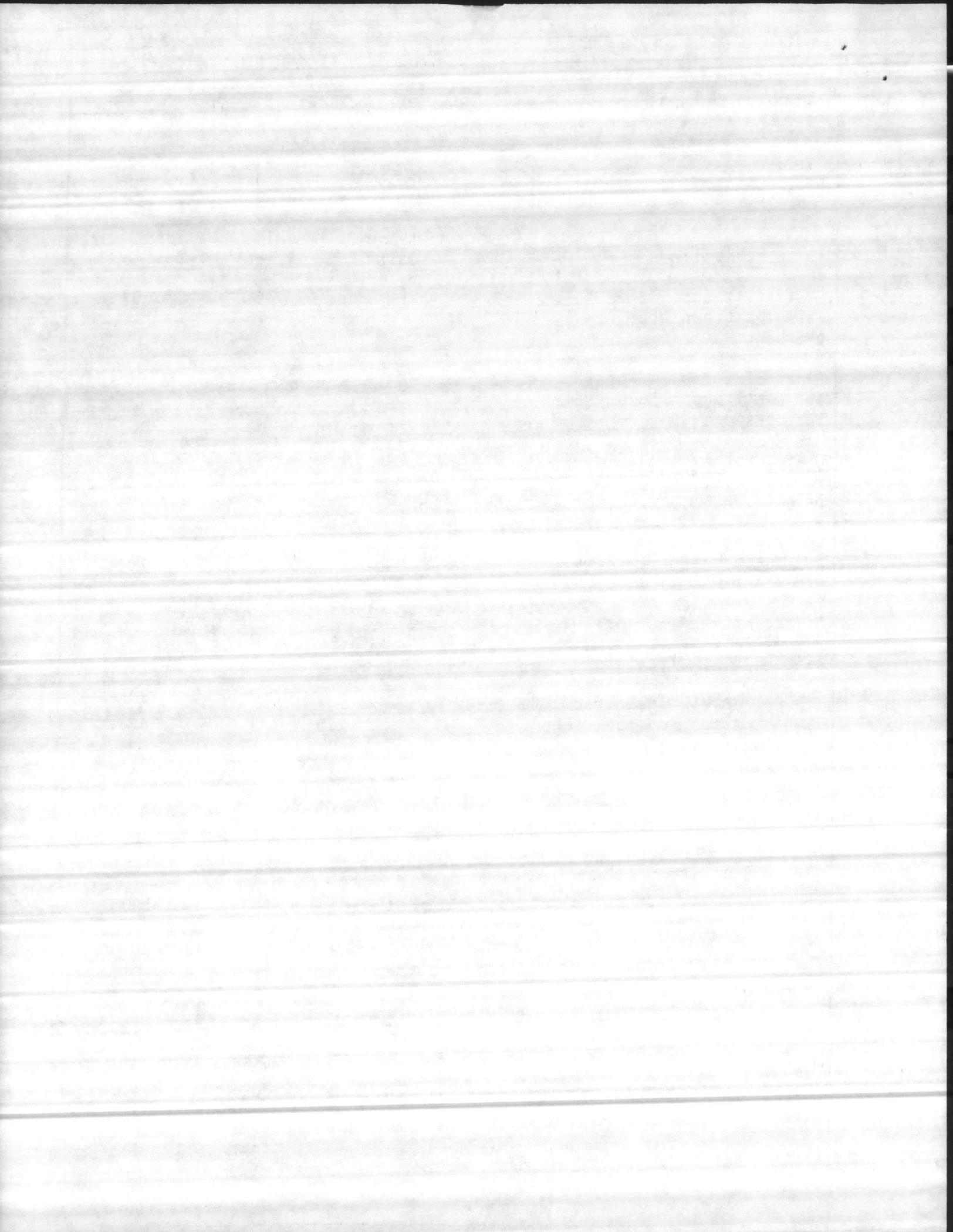
## 4. PROJECT TITLE

ELEC/COMM FIELD MAINTENANCE SHOP

## 5. PROJECT NUMBER

P-579

<u>Description</u>	<u>Qty</u>	<u>Unit of Issue</u>	<u>Unit Price</u>	<u>Total Cost</u>
Desk, flat top, 45"x30" walnut pattern top, no overhang	3	EA	240	720
Desk, flat top, w/attach for sec'l & gen. clerical purposes	2	EA	275	550
Chair, rotary, tilting seat & back, adj. seat height, w/arms, w/casters	4	EA	94	376
Chair, secretarial, rotary adj. seat height, w/arms, w/casters	2	EA	70	140
Stand, office machine 2 drop leaves, walnut pattern top, w/casters	3	EA	66	198
Typewriter, IBM electric 13½" carriage, carbon ribbon, 10 pitch Model 833	2	EA	710	1,420
Filing Cabinet, 5 drawers, legal size, w/o lock	2	EA	220	440
Cabinet, storage, dbl door, 36"x18"x80-1/16"H	4	EA	190	760
Bookcase, base, 33"x13" x10"H	6	EA	20	120
Bookcase, section, w/o doors, 31"x12"x14"H	24	EA	40	960
Bookcase, top, 33"x 13"x2½"H	6	EA	20	120
Chair, straight, w/o arms	20	EA	70	1,400
Costumer, wearing apparel, contemporary, 4 dbl hooks, round pole w/rd base	6	EA	35	210



1. COMPONENT  
 MARINE CORPS FY-1989

MILITARY CONSTRUCTION PROJECT DATA

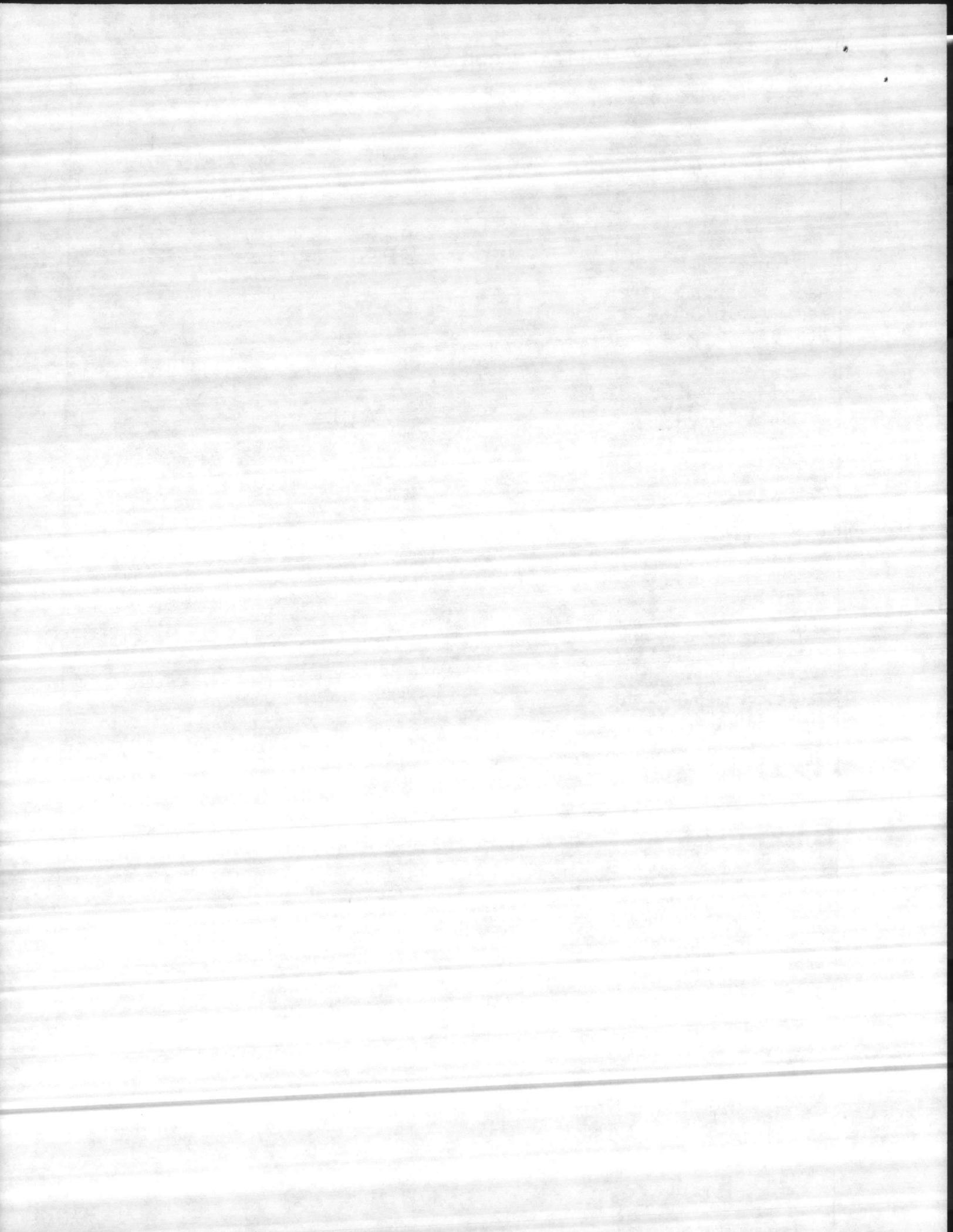
2. DATE  
 20 Feb 86

3. INSTALLATION AND LOCATION  
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE  
 ELEC/COMM FIELD MAINTENANCE SHOP

5. PROJECT NUMBER  
 P-679

Description	Qty	Unit of Issue	Unit Price	Total Cost
Rack, wearing apparel contemporary, 6 metal hangers, 78"Hx30"Lx20"D at base	4	EA	85	340
Wastepaper Basket, dark brown, 14½"Hx13" dia top	12	EA	6	72
Draperies	3	PR	74	222
Draperies, blackout	3	PR	95	285
Desk Lamp	6	EA	45	270
Adding Machine, Monroe Model 1405	2	EA	290	580
Bulletin Board, cork, alum frame, 4'x6'	4	EA	65	260
Table, gen. purpose, 60"x30"x29½"H	3	EA	105	315
Student Chairs, Heywood Wakefield Model HC-7730-PABS-PP	18	EA	70	1,260
Portable Easel	2	EA	85	170
Bench, work, electronic, 120/220V, 60 cycle & 400 cyc., 28V	3	EA	1,450	4,350
Rack, security, for mechanics' tool boxes, 24 openings	1	EA	2,000	2,000
Extinguisher, fire, 15 lb., CO2	4	EA	85	340
Extinguisher, fire, 2½ gal. H2O	4	EA	40	160
TOTAL EXPENSE ITEMS				25,653



1. COMPONENT

MARINE CORPS

FY-1989

MILITARY CONSTRUCTION PROJECT DATA

2. DATE

20 Feb 86

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

ELEC/COMM FIELD MAINTENANCE SHOP

5. PROJECT NUMBER

P- 679

(3) COLLATERAL EQUIPMENT (continued)

TOTAL EXPENSE ITEMS: 25,653

(c) Investment Items: None.

(d) APA Equipment: None.

(e) Training Equipment:

<u>Description</u>	<u>Qty</u>	<u>Unit of Issue</u>	<u>Unit Price</u>	<u>Total Cost</u>
Movie Projector	1	EA	650	650
Movie Screen	1	EA	235	235
Overhead Projector	1	EA	375	375
TOTAL TRAINING ITEMS				\$ 1,260

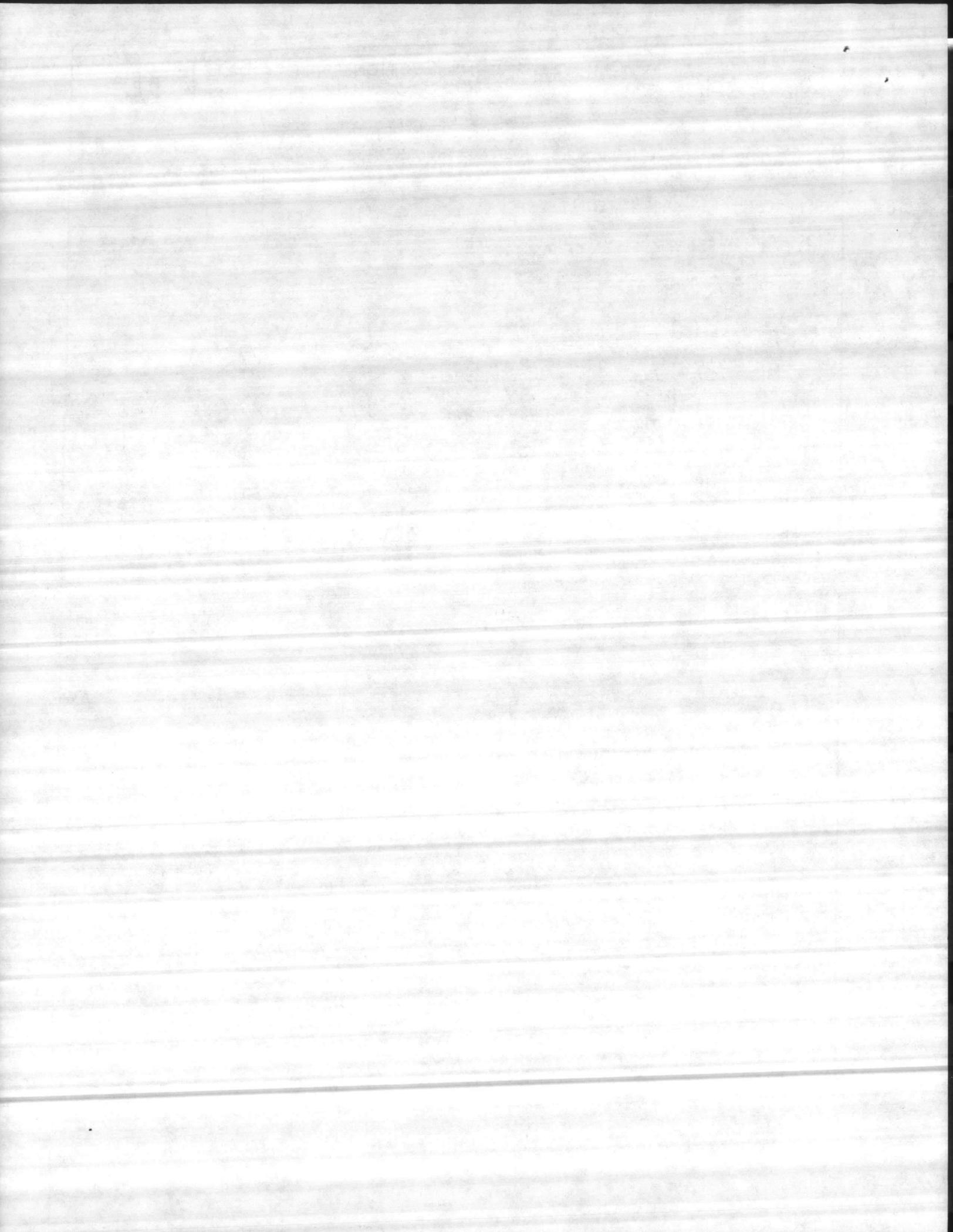
(f) Equipment on Hand: None.

(g) Summary:

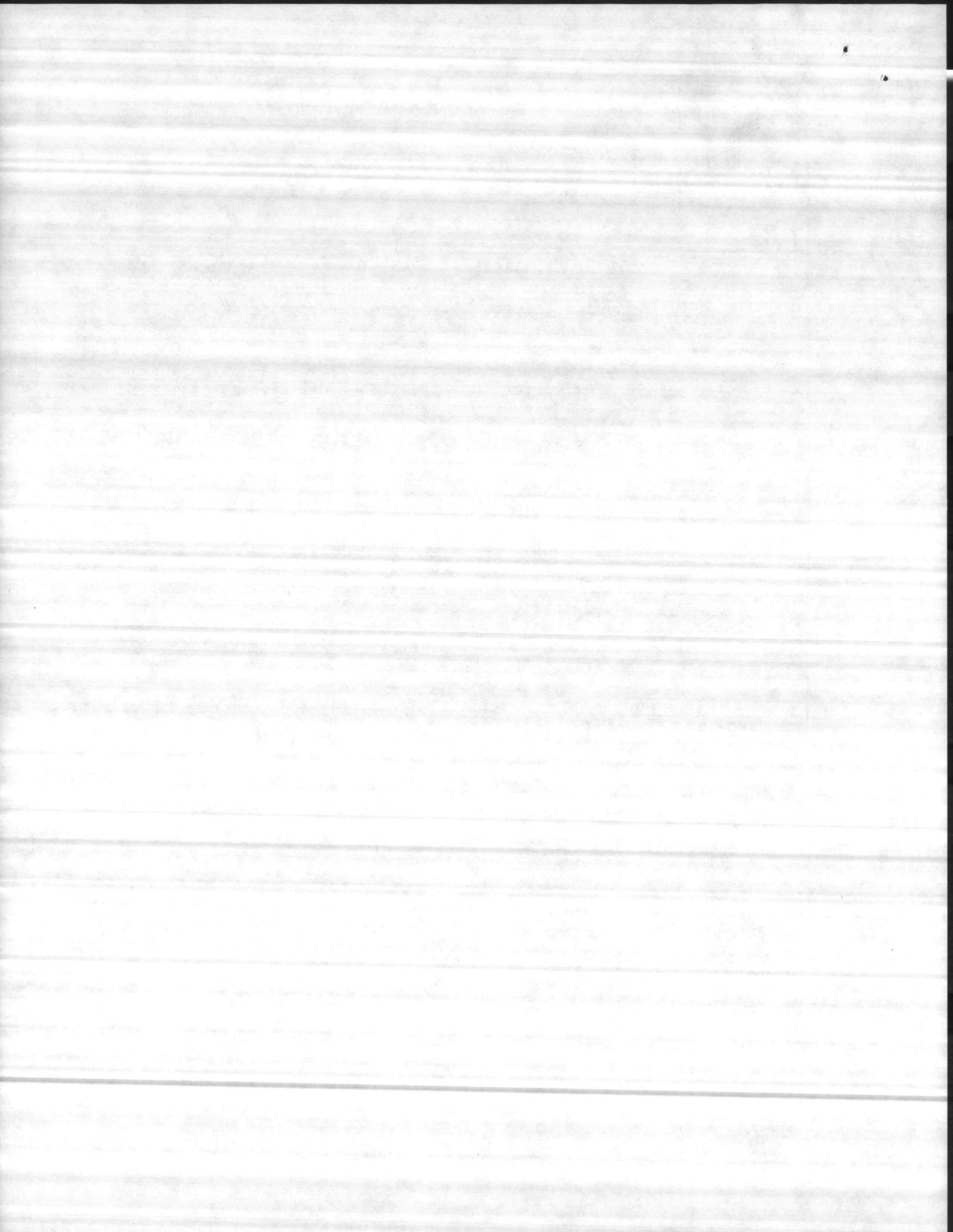
Expense Cost (O&MMC) 25,653

Training Cost (O&MMC) 1,260

TOTAL 26,913



1. COMPONENT MARINE CORPS	FY 19 <u>89</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE ELEC/COMM FIELD MAINTENANCE SHOP		5. PROJECT NUMBER P-579
<p>(4) <u>Supporting Facilities</u>: Special piling, foundation, solar hot water system, collateral equipment, site improvement, pollution abatement, etc. No demolition will be accomplished on this project.</p> <p>4. <u>Cost Estimate</u>: Area cost factor for Camp Lejeune, NC is 0.86. Cost data derived from the Military Construction Cost Review Guide, FY-84 (DOD 4270.1-CG) to provide for this proposed facility, and escalated to FY-89.</p> <p>5. <u>Justification for Project and for Scope of Project</u>:</p> <p>a. <u>Justification for Project</u>:</p> <p>(1) <u>Project</u>: Proposed facilities are required to provide a Maintenance Battalion adequate and secure facilities to perform electronic and communications equipment maintenance.</p> <p>(2) <u>Current Situation</u>: Personnel are working in a facility that was not designed for third and fourth echelon elec/comm maintenance. This facility is located in the Hadnot Point area. Proposed facility will be in the French Creek area in keeping with the Facility Master Plan.</p> <p>(3) <u>Impact if Not Provided</u>: Personnel will continue to work in sub-standard and makeshift facilities, resulting in time consuming and inefficient operations resulting in loss of work time and wasted energy.</p> <p>b. <u>Justification for Scope of Project</u>: The project scope, 19,912 SF, is the minimum size facility that can meet the deficiency requirement for the electronic/communications maintenance needs of the Maintenance Battalion of 2d FSSG. See Item 13.</p> <p>6. <u>Equipment Provided from Other Appropriations</u>: Not applicable.</p> <p>7. <u>Common Support Facilities</u>: Not applicable. There are no common support facilities available in the French Creek area.</p> <p>8. <u>Effect on Other Resources</u>: The project will require approximately \$6,876 per year in increased O&amp;MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. The project will enhance and improve the morale of personnel presently working in widely dispersed facilities. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977 and implemented by NAVFACINST 4100.5A.</p>		



1. COMPONENT MARINE CORPS	FY 1989 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
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3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

ELEC/COMM FIELD MAINTENANCE SHOP

5. PROJECT NUMBER

P-679

Utility Requirements

- |   |             |                  |
|---|-------------|------------------|
| a. Electricity:                                 | Consumption | 67,830 KWHR/yr   |
|   | Peak Demand | 42 KW            |
|   | Avg Demand  | 36 KW            |
| b. Steam:                                       | Consumption | 3,042,432 LBS/yr |
|   | Demand      | 1,092 LBS/hr     |
| c. Coal:  |             | 118 Tons/yr      |
| d. Adequate utility requirements are available. |             |                  |

9. Siting of the Project: This facility will be located in the French Creek area, in keeping with the Camp Lejeune Master Plan. See enclosure (1).

10. Other Graphic Presentations, including Photographs: None.

11. Economic Analysis: This facility is being constructed on an undeveloped site adjacent to a developed area. Economic savings will be in nominal energy consumption savings to be realized from efficient operations. This is a military operational project in support of an operational mission located in this area.

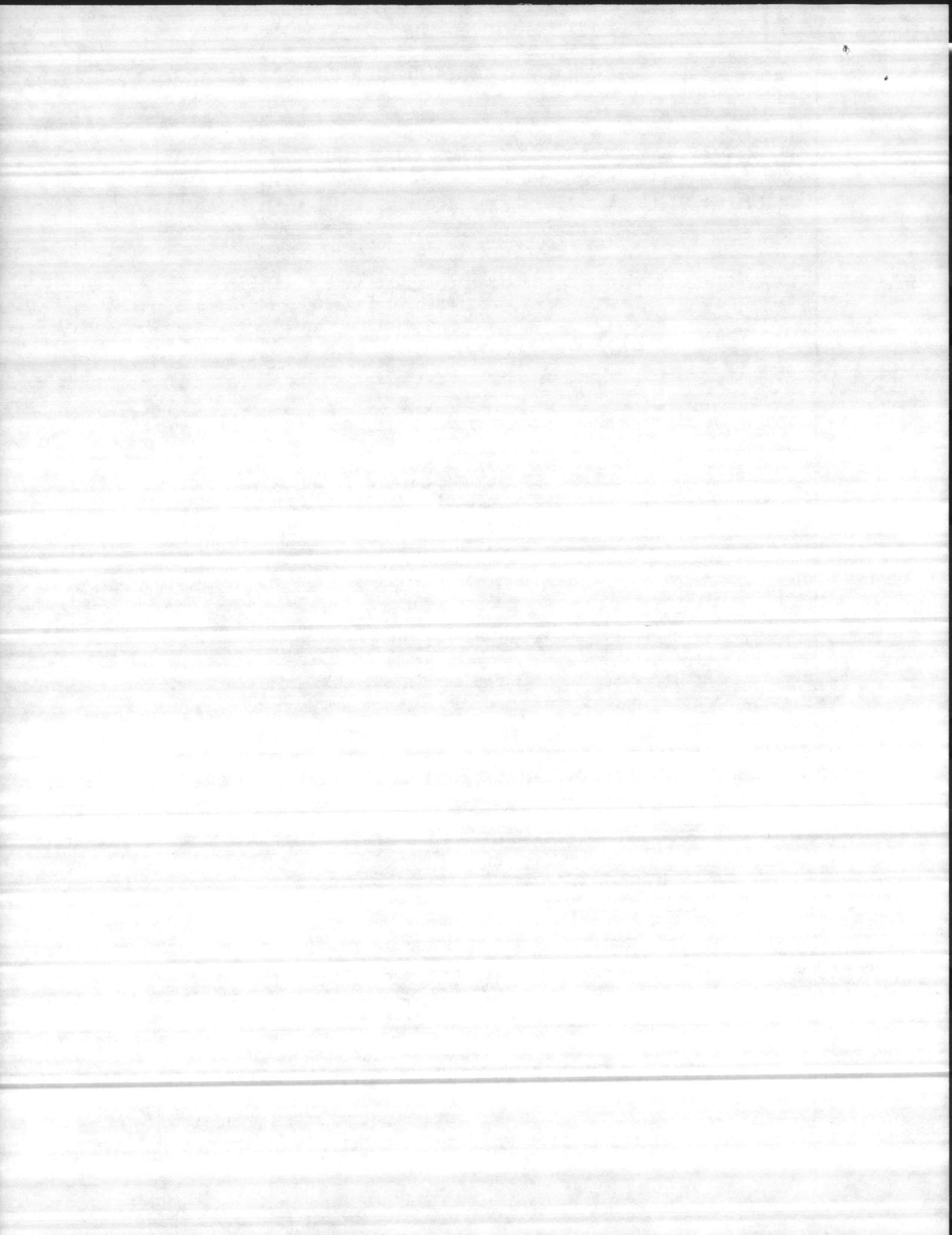
12. Environmental Impact Assessment: An Environmental Impact Assessment of the area has been made and will be routed through the Environmental Review Board. No adverse environmental impact is anticipated.

13. Quantitative Data:

- a. UNIT OF MEASURE: "SQUARE FEET"
- b. TOTAL REQUIREMENT: 26,312 SQUARE FEET
- c. EXISTING SUBSTANDARD: 0 SQUARE FEET
- d. EXISTING INADEQUATE: 0 SQUARE FEET
- \* e. EXISTING ADEQUATE: 13,662 SQUARE FEET
- f. OTHER ASSETS, NOT IN INVENTORY: 0 SQUARE FEET
- g. FUNDED, NOT IN INVENTORY: 0 SQUARE FEET
- \* h. ADEQUATE ASSETS: (e + f + g) 13,662 SQUARE FEET
- i. DEFICIENCY: (b - h) 12,650 SQUARE FEET

TOTAL REQUIREMENT = 26,312 SQUARE FEET  
ADEQUATE ASSETS = 13,662 SQUARE FEET  
TOTAL DEFICIENCY = 12,650 SQUARE FEET

\*Bldg FC-100 will be utilized until completion of P-679 and convert back to Category Code 214-51. Bldg FC-100 currently utilizes 8,712 Square Feet.



1. COMPONENT MARINE CORPS		FY 1989 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 20 Feb 86	
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542					
4. PROJECT TITLE ELEC/COMM FIELD MAINTENANCE SHOP				5. PROJECT NUMBER P-679	

14. Maintenance Facilities: Planning factors have been identified in terms of quantitative workloads that have been supported by the level of utilization. This facility has certain specifications in order to satisfy the space requirements and functional capabilities to effectively store and maintain the equipment involved. The NAVFAC definitive drawing given in P-272, Part IV is NAVFAC Dwg. # 1293356, Field Maintenance Shop, Service Battalion.

15. Morale, Welfare and Recreation Facilities: Not Applicable

16. Relocation Facilities: Not Applicable.

17. Storage Facilities: Not Applicable.

18. Hazards Identification, Assessment and Analysis:

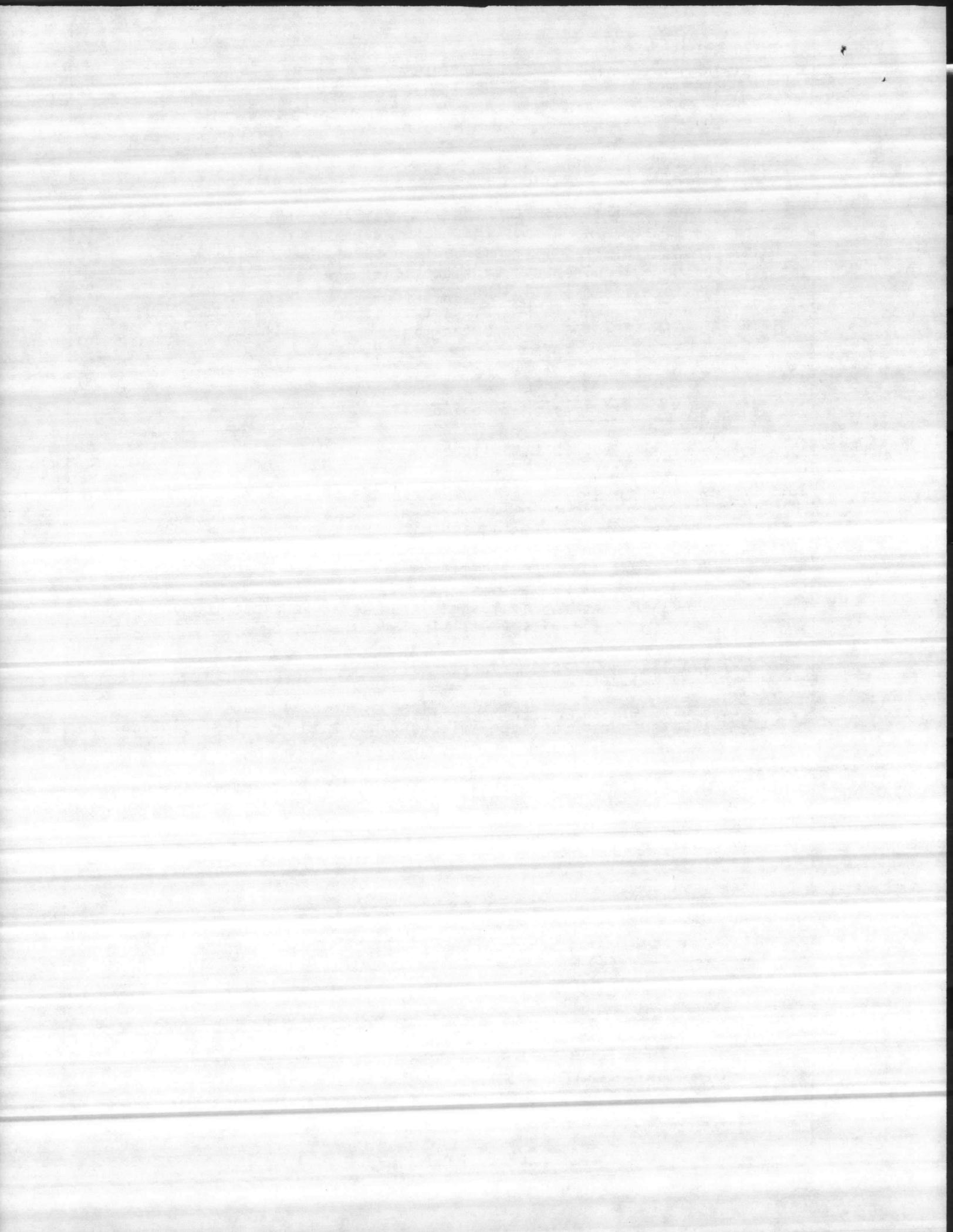
a. System safety engineering and management programs will be used to ensure that the highest possible degree of safety and occupational health is designed into these facilities.

b. The requirement for applying system safety engineering principles and management to this facility will include the following documentation:

(1) A listing of primary hazards identified.

(2) Risk assessment data, leading to the assignment of a "risk assessment code," shall be in accordance with OPNAVINST 5100.23, Navy Occupational Safety and Health (NAVOSH) program.

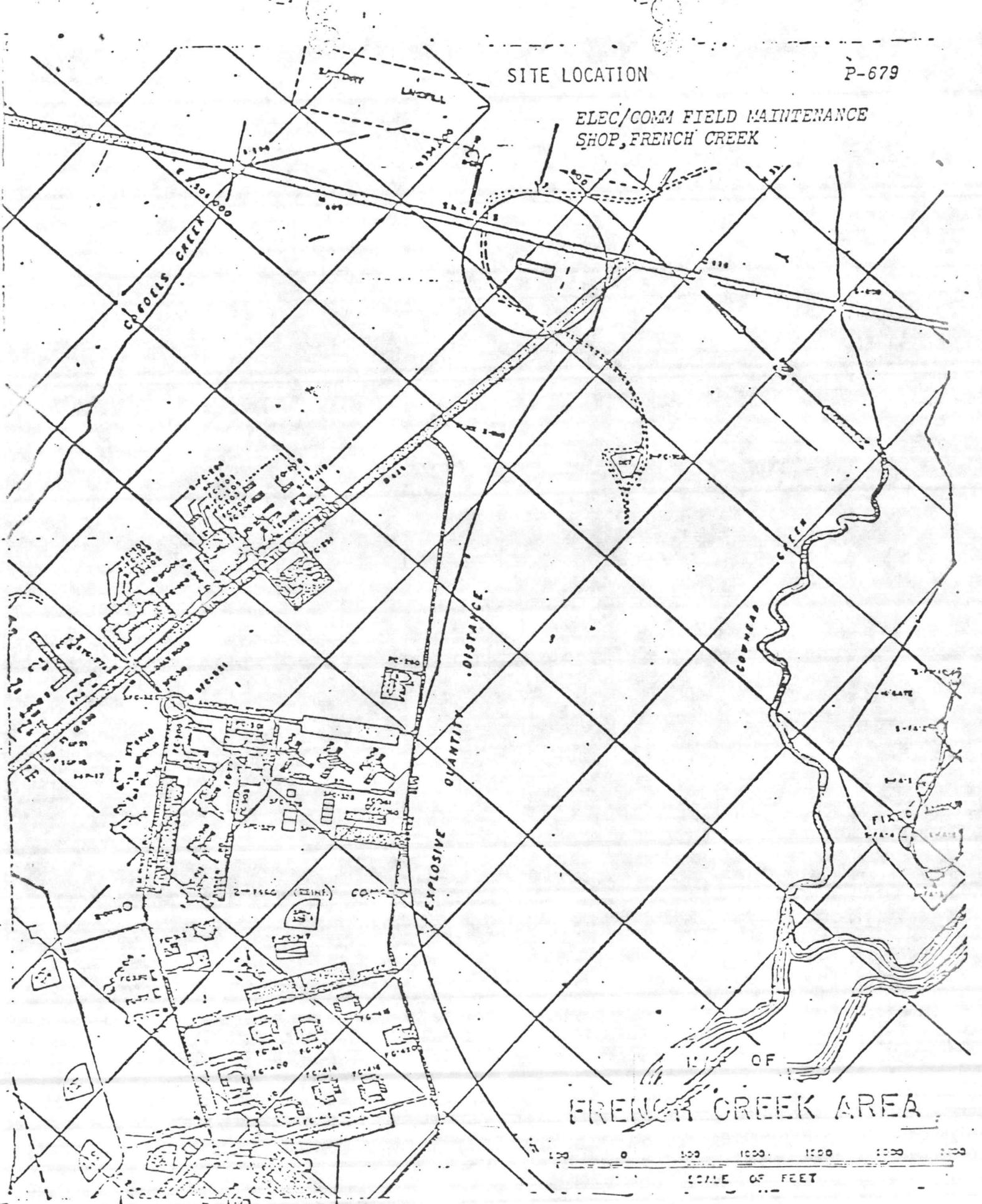
(3) A preliminary hazard analysis (PHA) will be submitted as required.



SITE LOCATION

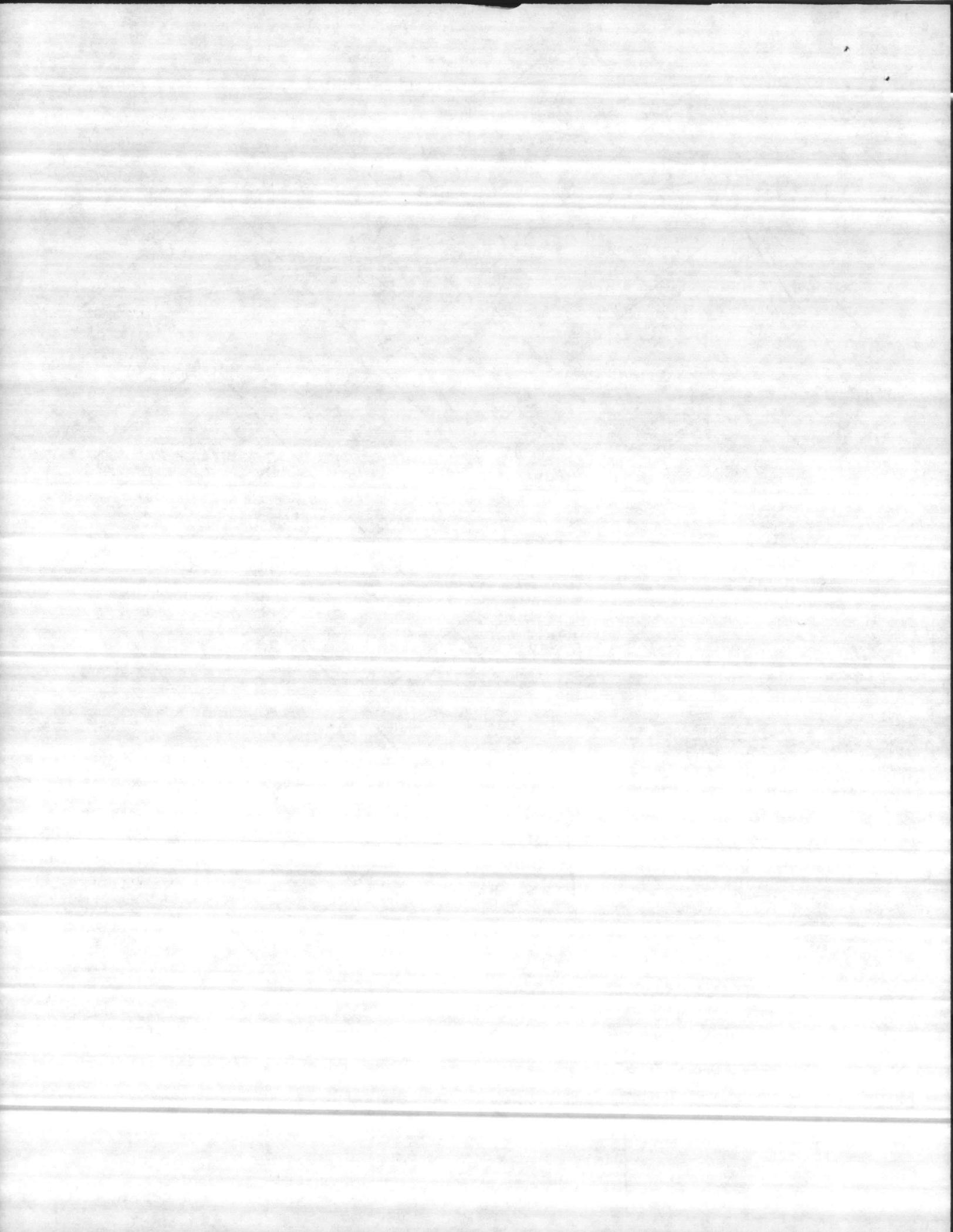
P-679

ELEC/COMM FIELD MAINTENANCE  
SHOP, FRENCH CREEK

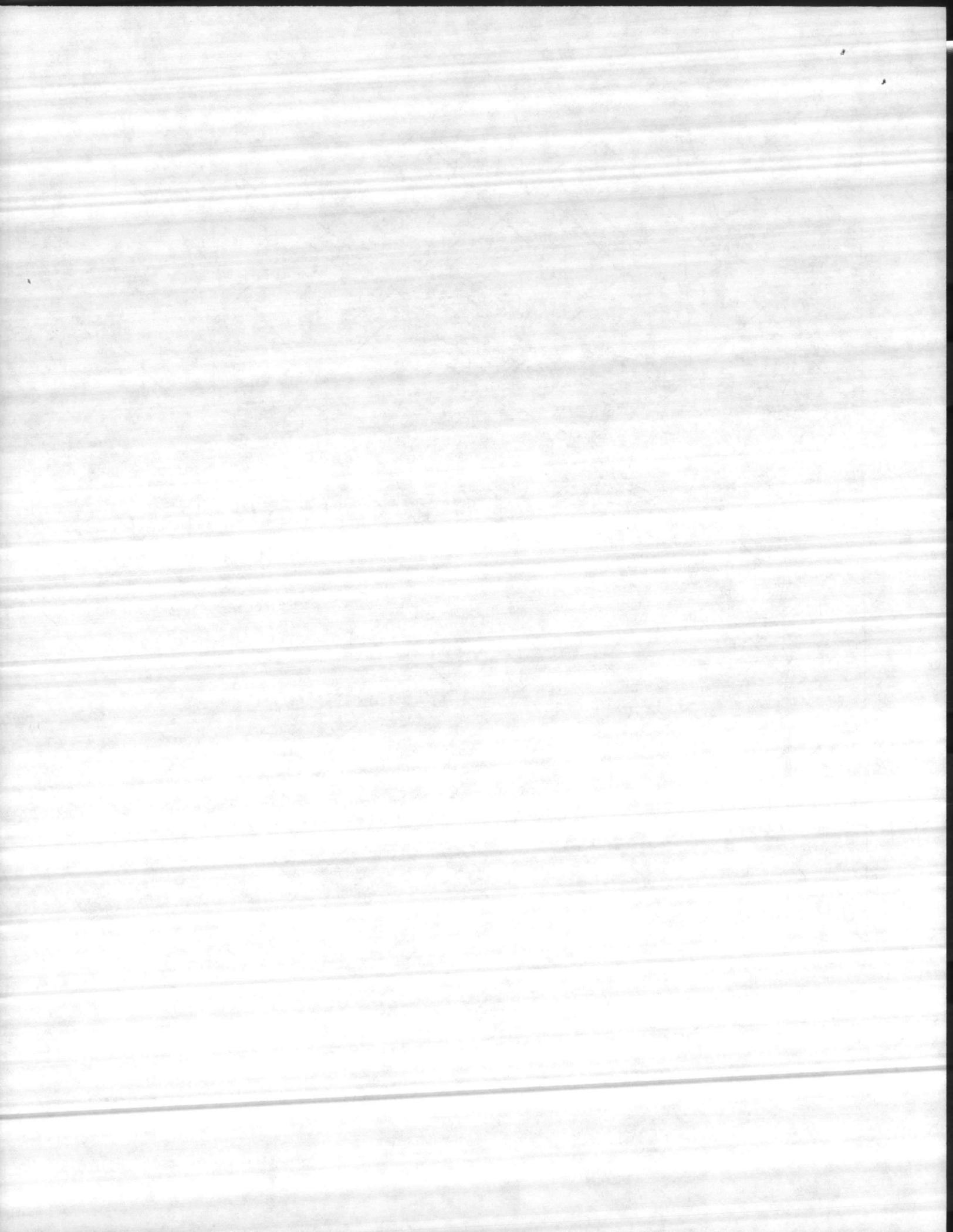


DATE 9/27/70

ENCLOSURE (1)







REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, 2d Force Service Support Group (Rein)
2. Name, Address, Phone Number of Point of Contact: AC/S, G-4 Facilities, 2d FSSG  
CamLej Attn: Maj. Bancroft, Facilities Officer Ext: 3456/1042
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

ELECTRONICS?COMMUNICATIONS MAINTENANCE SHOP (P-564)

1. Project Description

Construct a one-story shop with piles, reinforced concrete foundation, floors, and masonry walls. Built-up roof over insulation and interior support systems. to include air conditioning, steam compressed air, sprinker, fire alarm, plumbing, telephones and telephone equipment installation, 60/400 cycle electrical to include grounding. exterior pavements, fencing area lighting, site work, access road and utilities extended and connected.

2. Project Purpose

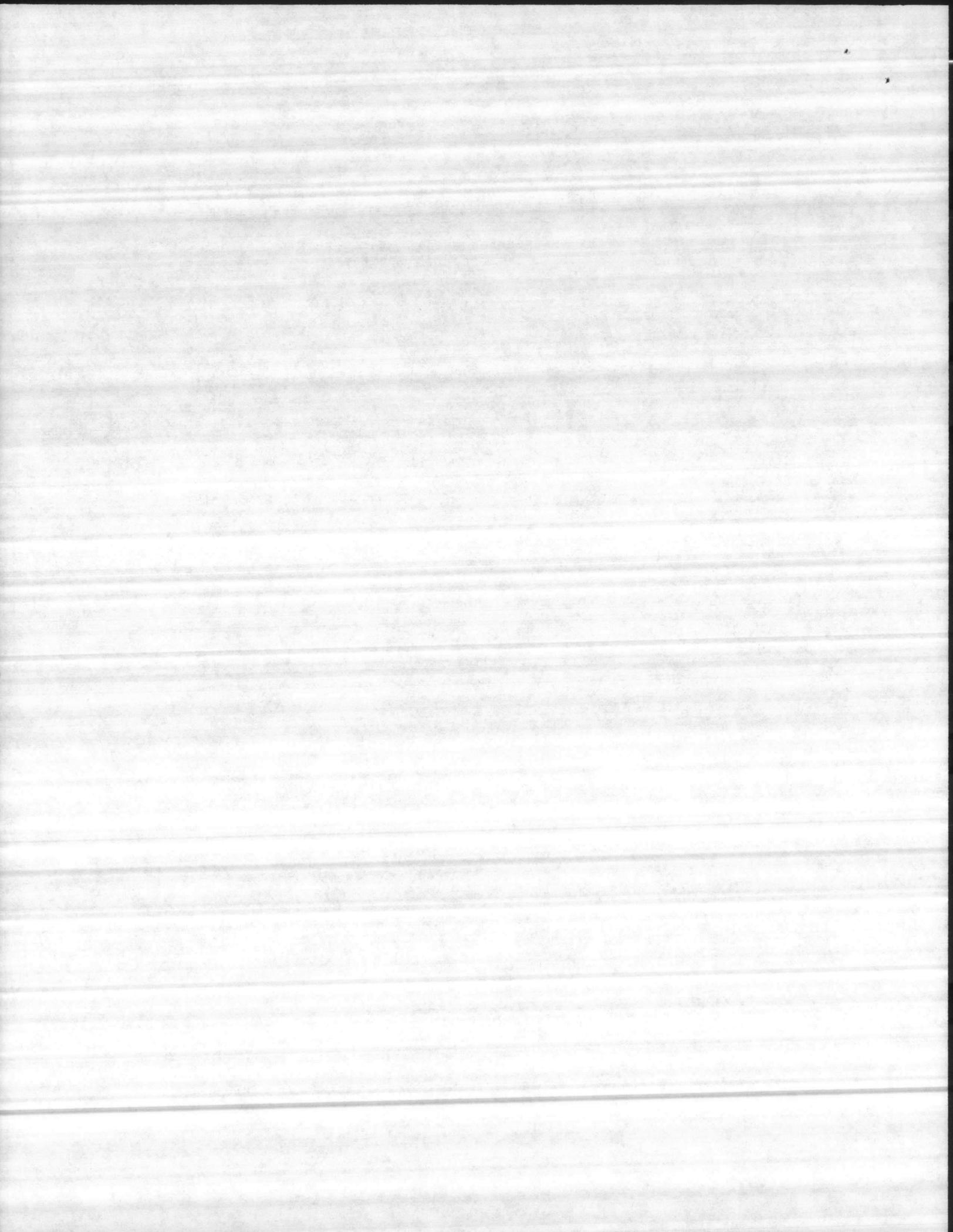
The project will provide an adequate facility for the 2d Landing Support Battalion of 2d Force Service Support Group to perform first and second echelon electronic/communication maintenance.

3. Site Selection

The environmental impact of location of the project has been documented in the current Base Master Plan. This building will be sited in the French Creek Area (see enclosure (1)). The preferred site has been reviewed with Base environmental Personnel. No significant Environmental impact or loss of natural resources were identified with this proposed site.

4. Conclusion

Based on the information provided above and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. This facility is required due to personnel having to perform maintenance in substandard facilities resulting in time consuming and inefficient operations with loss of work time and wasted energy.



1 May 1984

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? YES Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? NO Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? UNKNOWN Will there be an increase in level of soil disturbance/damage to vegetation? UNKNOWN Will there be one acre or more of land cleared/disturbed? YES

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any excavations deeper than twenty feet? UNKNOWN Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? NO Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? UNKNOWN

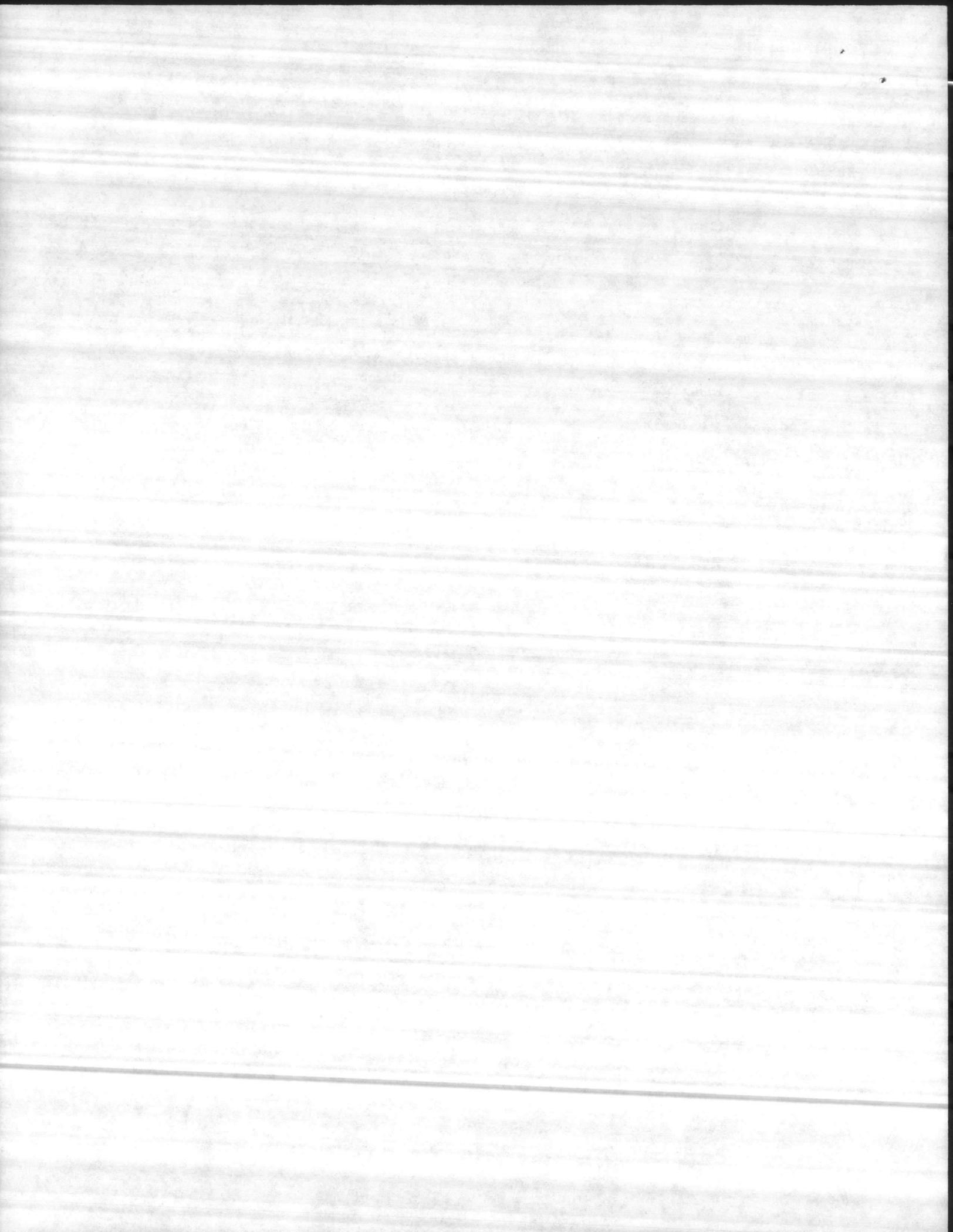
d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNKNOWN Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? UNKNOWN Will petroleum oil and lubricants be routinely stored or used at the site? NO Will the project increase rates of surface/storm water run-off? UNKNOWN

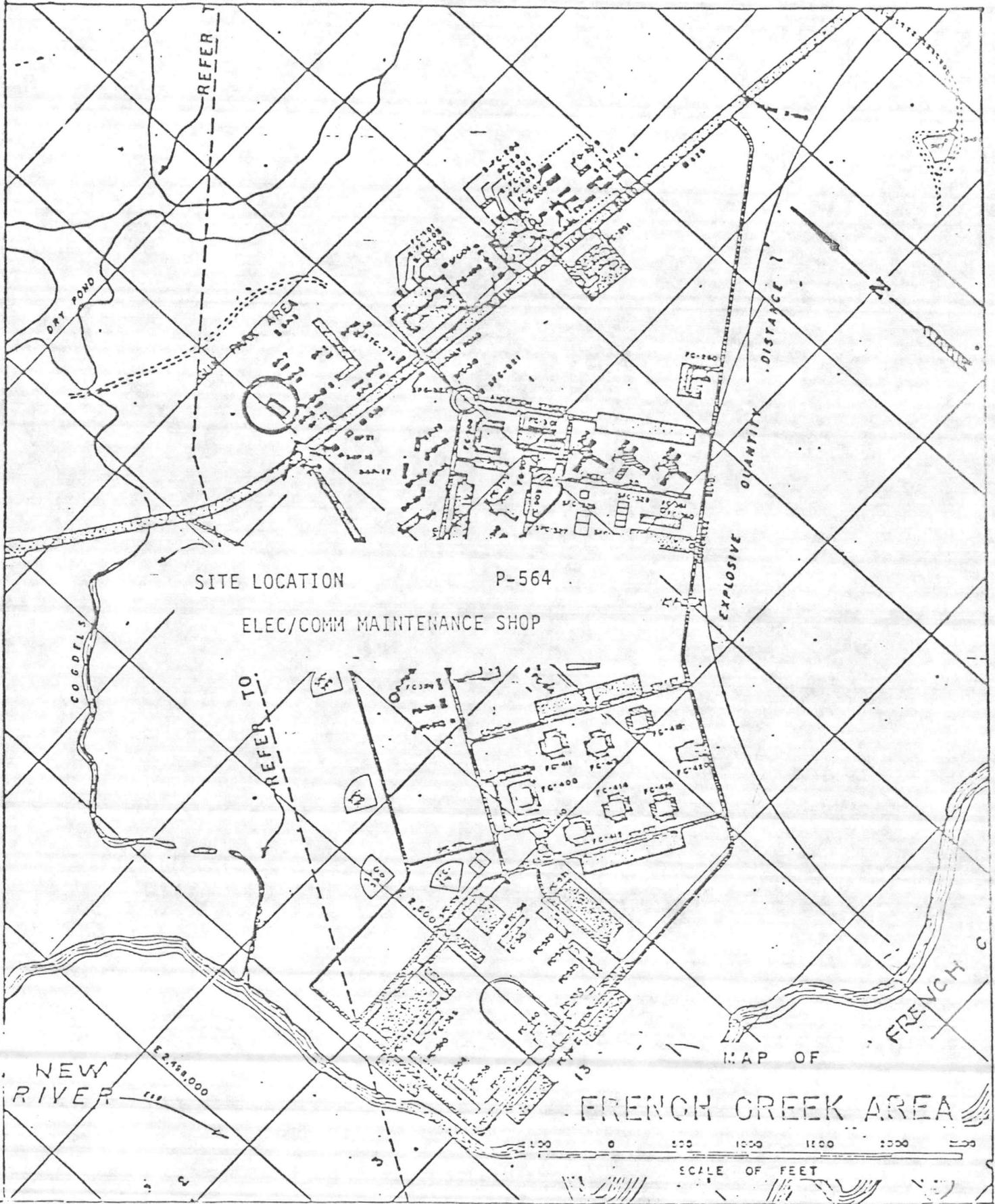
e. Natural Resources: Will there be a loss of forest land? NO Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

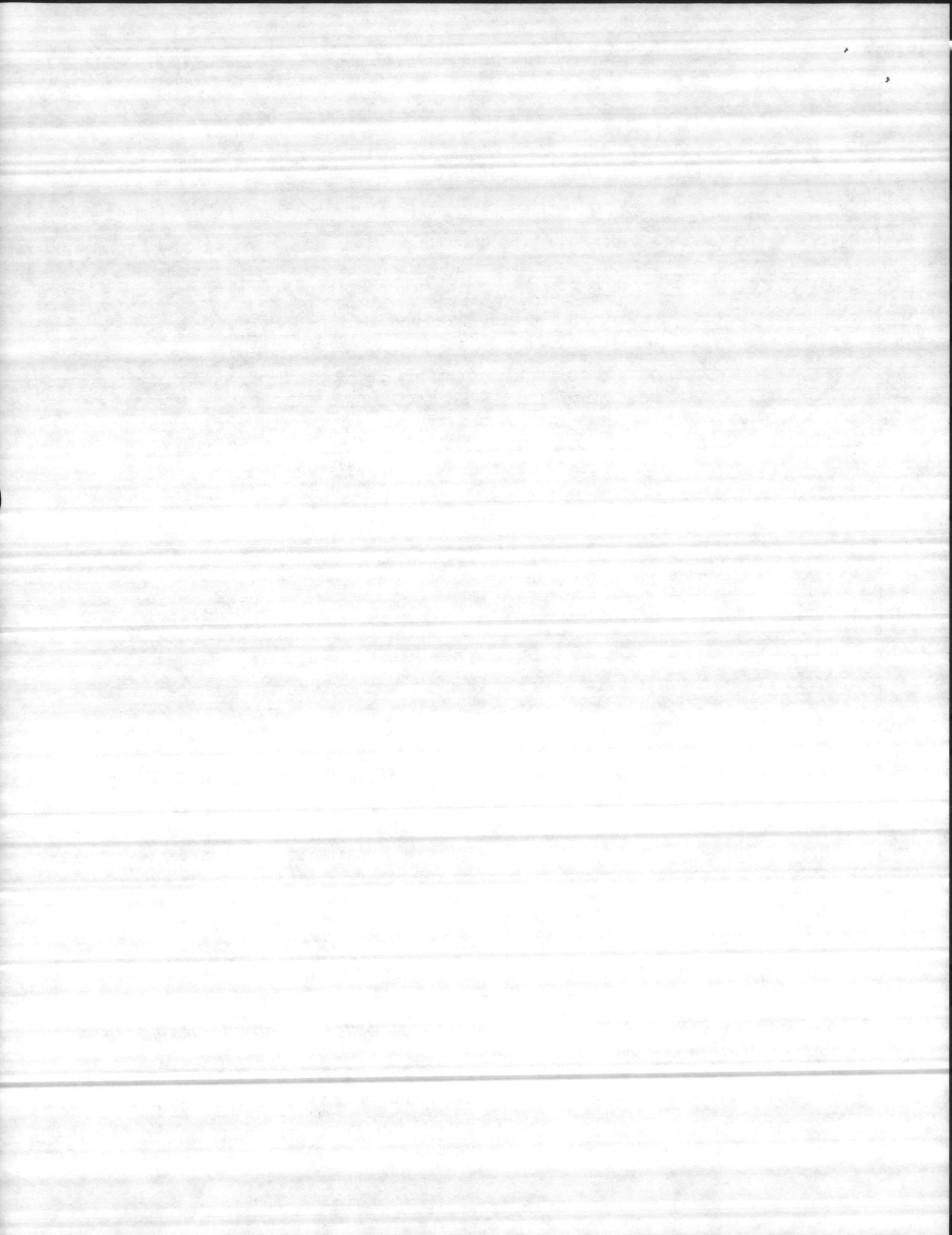
f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? NO Will there be any increased demand on a local or state government to provide services? NO Will there be any changes to traffic flow and patterns on or off-base? YES Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? NO Is there any known controversy associated with the type of project or action proposed? NO Are there any historical or archaeological sites affected by project/action? NO

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRE.

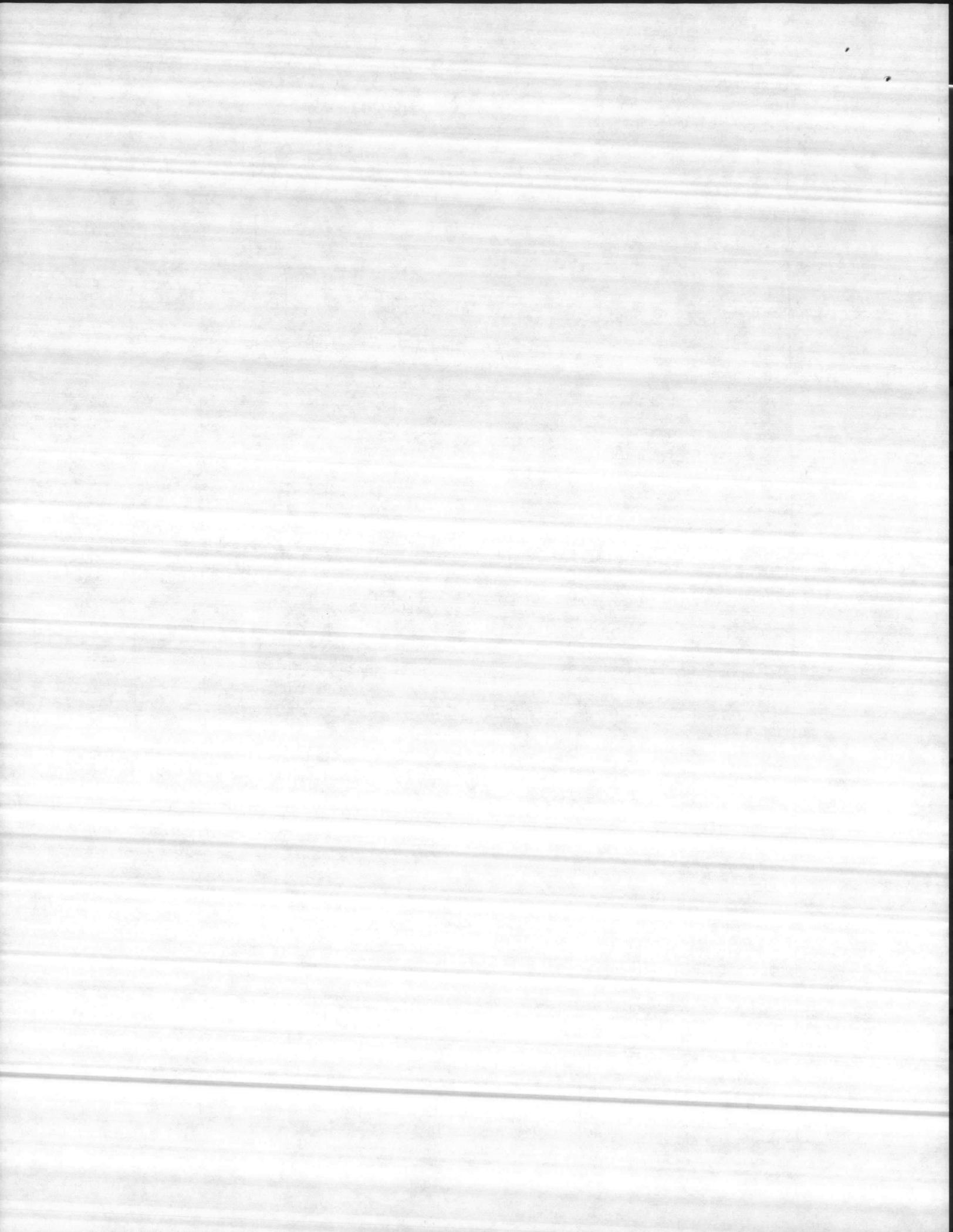
ENCLOSURE (1)







1. COMPONENT MARINE CORPS		FY 19 <sup>89</sup> MILITARY CONSTRUCTION PROJECT DATA		2. DATE 20 Feb 1986	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542			4. PROJECT TITLE ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP		
5. PROGRAM ELEMENT		6. CATEGORY CODE 217-10	7. PROJECT NUMBER P-564	8. PROJECT COST (\$000) 1,400	
ESCALATED TO APRIL <del>1988</del> <sup>1989</sup> 9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP		SF	6,100		516
Building		SF	6,100	66.33	(405)
Built-in Equipment		LS	-	-	(111)
SUPPORTING FACILITIES					747
Special Construction Features		LS	-	-	( 14)
*Utilities		LS	-	-	(588)
*Roads, Parking, Sidewalks		LS	-	-	(137)
Site Improvements		LS	-	-	( 8)
SUBTOTAL					1,263
CONTINGENCY (5%)					63
TOTAL CONTRACT COST					1,326
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)					73
TOTAL REQUEST					1,399
TOTAL REQUEST (ROUNDED)					1,400
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				NONADD	0
*Access Road and Utilities will be extended approximately 1,350 linear feet to accommodate this project and future construction in this area.					
10. Description of proposed construction					
<p>Permanent one-story shop with piles, reinforced concrete foundation, floors, and masonry walls. Built-up roof over insulation and interior support systems, i.e.: air conditioning, steam, compressed air, sprinkler, fire alarm, plumbing, telephones and telephone equipment installation, 60/400 cycle electrical; grounding, etc., exterior pavements, fencing, area lighting, site work, access road and utilities extended and connected. Fallout shelter excluded - shelters for personnel have been programmed in other projects.</p> <p>(4 tons Air Conditioning)</p>					
<p>REQUIREMENTS: <u>52,285 SF</u>    ADEQUATE: <u>7,834 SF</u>    SUBSTANDARD: <u>2,400 SF</u></p> <p>PROJECT: Provide an adequate facility for the Landing Support Battalion of the 2d Force Service Support Group to perform first and second echelon electronic/communication maintenance.</p> <p>REQUIREMENT: A maintenance facility to effectively execute the prescribed electronics and communications maintenance program.</p> <p>CURRENT SITUATION: Communication and Electronics maintenance is now being performed by Landing Support Battalion in scattered substandard masonry-type buildings and Butler-type metal buildings constructed in 1952 during</p>					



1. COMPONENT MARINE CORPS	FY 19 <sup>89</sup> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 1986
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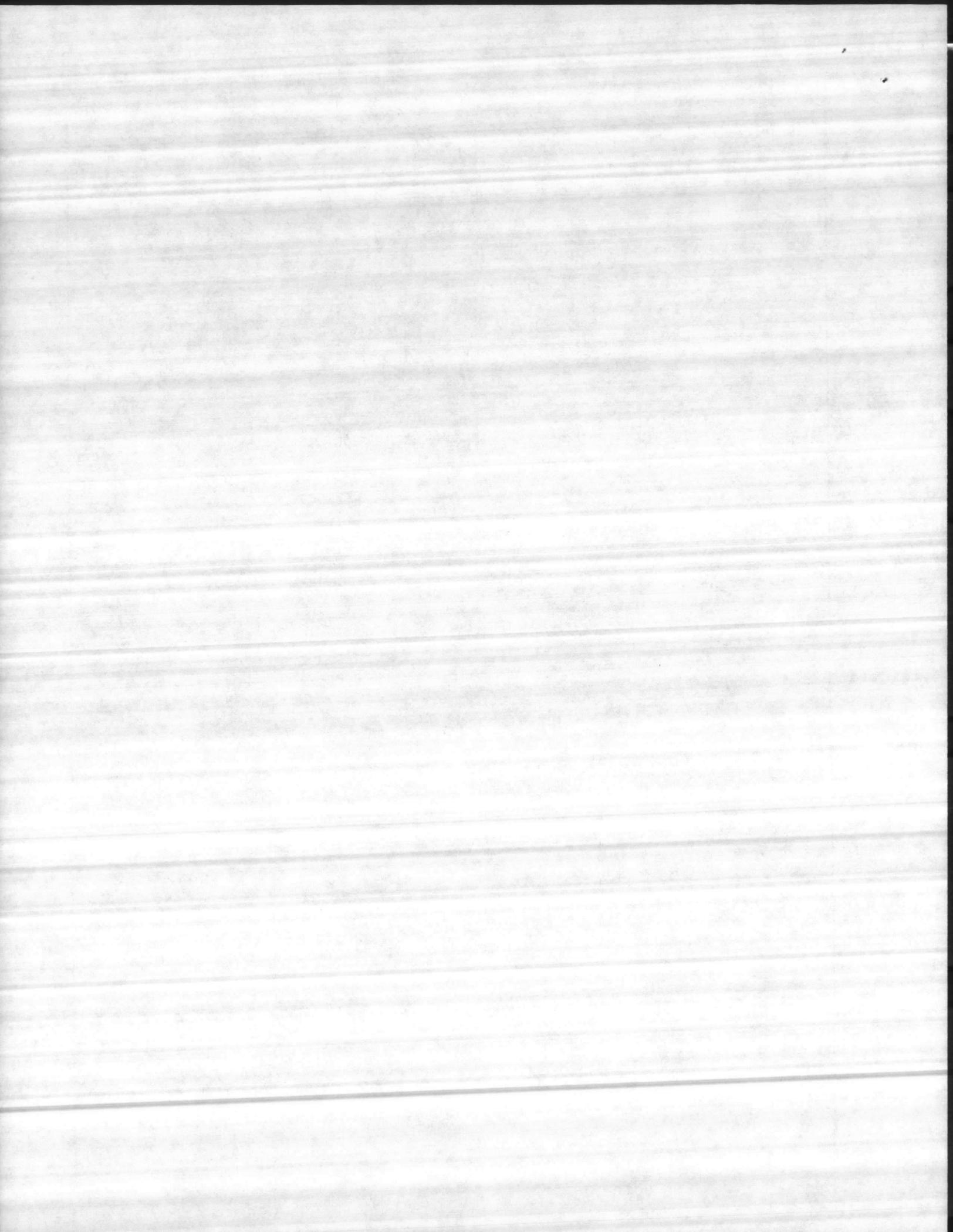
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542
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4. PROJECT TITLE ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP	5. PROJECT NUMBER P-564
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CURRENT SITUATION: (cont'd)

the Korean campaign. These facilities cannot be made adequate. They lack proper ceiling height, proper door height, proper bay size, electrical service, lighting, workspace and parking space.

IMPACT IF NOT PROVIDED: The maintenance work will continue to be performed in scattered WWII make-do buildings, causing protracted maintenance efforts with a resulting increase in deadline equipment, which will result in adversely affecting the Landing Support Battalions combat readiness posture.



1. COMPONENT MARINE CORPS	FY 19 89 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 1986
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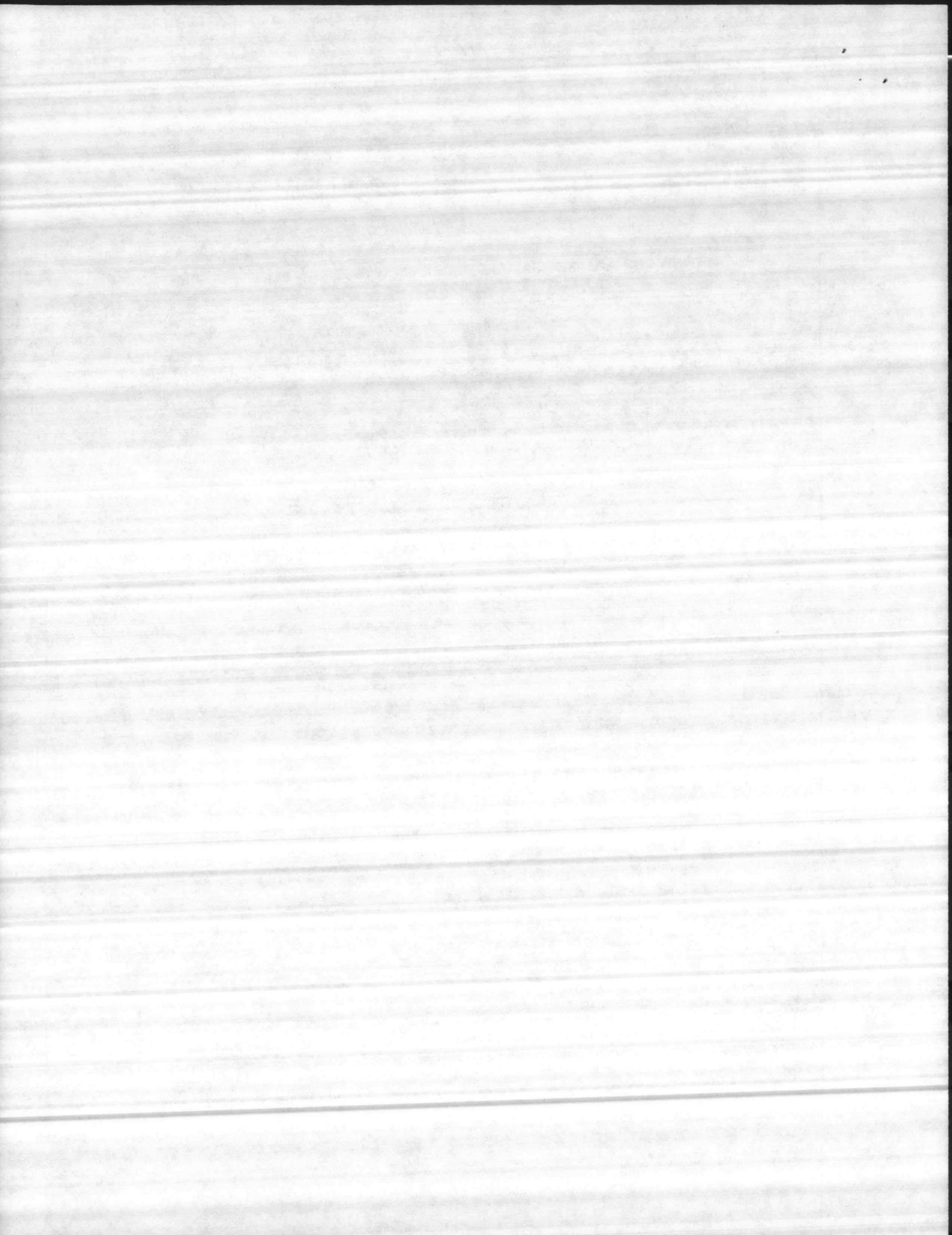
3. INSTALLATION AND LOCATION  
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE  
ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP

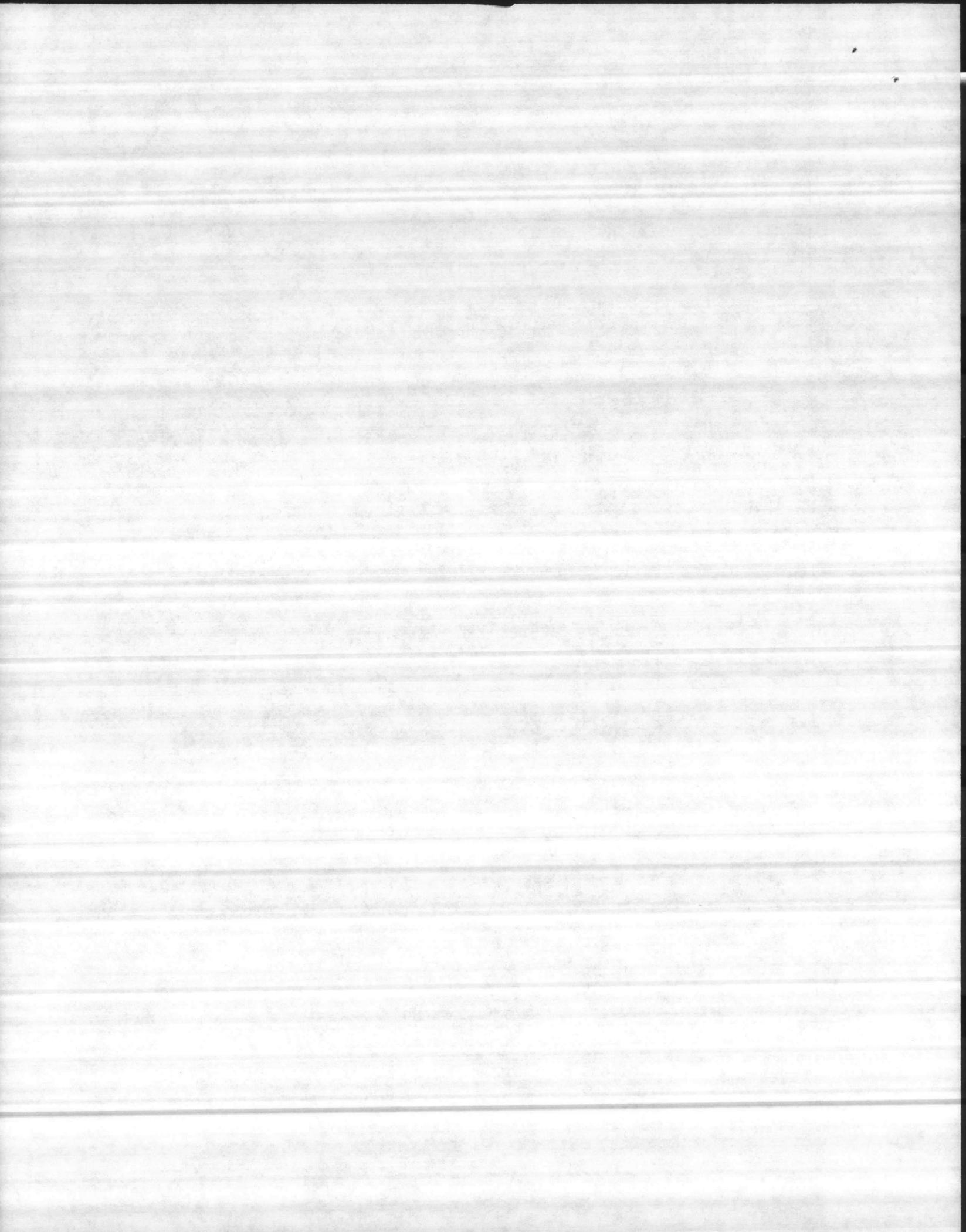
5. PROJECT NUMBER  
P-564

SPECIAL CONSIDERATIONS

1. Pollution Prevention, Abatement, and Control: This project will not cause additional air or water pollution.
2. Flood Hazard Evaluation: Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.
3. Environmental Impact: The project Environmental Impact Assessment will be made, reviewed, and where required, the design concepts will be given consideration to eliminating adverse environmental effects consistent with applicable directives.
4. Fallout Shelter Construction: Fallout shelter protection is not incorporated in this project.
5. Design for Accessibility of Physically Handicapped Personnel: Provisions for physically handicapped personnel are not required in this project.
6. Use of Air Conditioning: Ceiling "U" factors will be made to conform with DOD 4270.1-H.
7. Preservation of Historical Sites and Structures: This project does not directly or indirectly affect a district, site, building, structure, object, or setting which is listed in the National Register or otherwise possesses a significant quality of American history.
8. "New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76): Not applicable.



1. COMPONENT MARINE CORPS	FY 19 <u>89</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 1986
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE ELEC/COMM MAINTENANCE SHOP	5. PROJECT NUMBER P-564	
<u>FACILITY STUDY</u>		
1. <u>Project</u> : Provide 6,100 SF of electronics/communications maintenance shop and an access road for electronics and communications T/E equipment assigned to Landing Support Battalion of the 2d Force Service Support Group.		
2. <u>Current and Planned Future Workload with Regard to this Project</u> : The duration of need is indefinite and the facility will be utilized 100 percent of the time. An average of ten hours per day for a five-day work-week is spent in the shop. After training exercises or deployments, the maintenance workload increases; consequently, many nights and weekends are required to perform the additional maintenance. The organization is responsible for performing first and second echelon maintenance on all items of electronics and communications equipment authorized by the T/E. The future workload is difficult to project; however, it is expected to increase as the present equipment becomes older and new items are introduced into the system.		
3. <u>Description of Proposed Construction</u> :		
a. <u>Type of Construction</u> :		
(1) Permanent one-story maintenance shop on pilings, reinforced concrete foundations, floors, masonry walls, built-up roofs, insulation, interior utilities, air conditioning in training and administrative areas, 60/400 cycle power with AC/DC power bus duct.		
(2) Rigid and flexible concrete walks, parking pavements and access road, security fencing and lighting, site improvement, exterior utilities, telephones and telephone switching equipment, etc.		
b. <u>Replacement</u> : Not applicable. Existing facilities will be temporarily utilized to satisfy deficiencies until new facilities are constructed.		
c. <u>Description of Work to be Done</u> :		
(1) <u>Primary Facilities</u> : Modular reinforced concrete/masonry structures on pile foundation.		
(2) <u>Energy Conservation</u> : Energy efficient equipment and building orientation for maximum energy conservation will be utilized.		



1. COMPONENT MARINE CORPS	FY 1982 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 1986
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3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542
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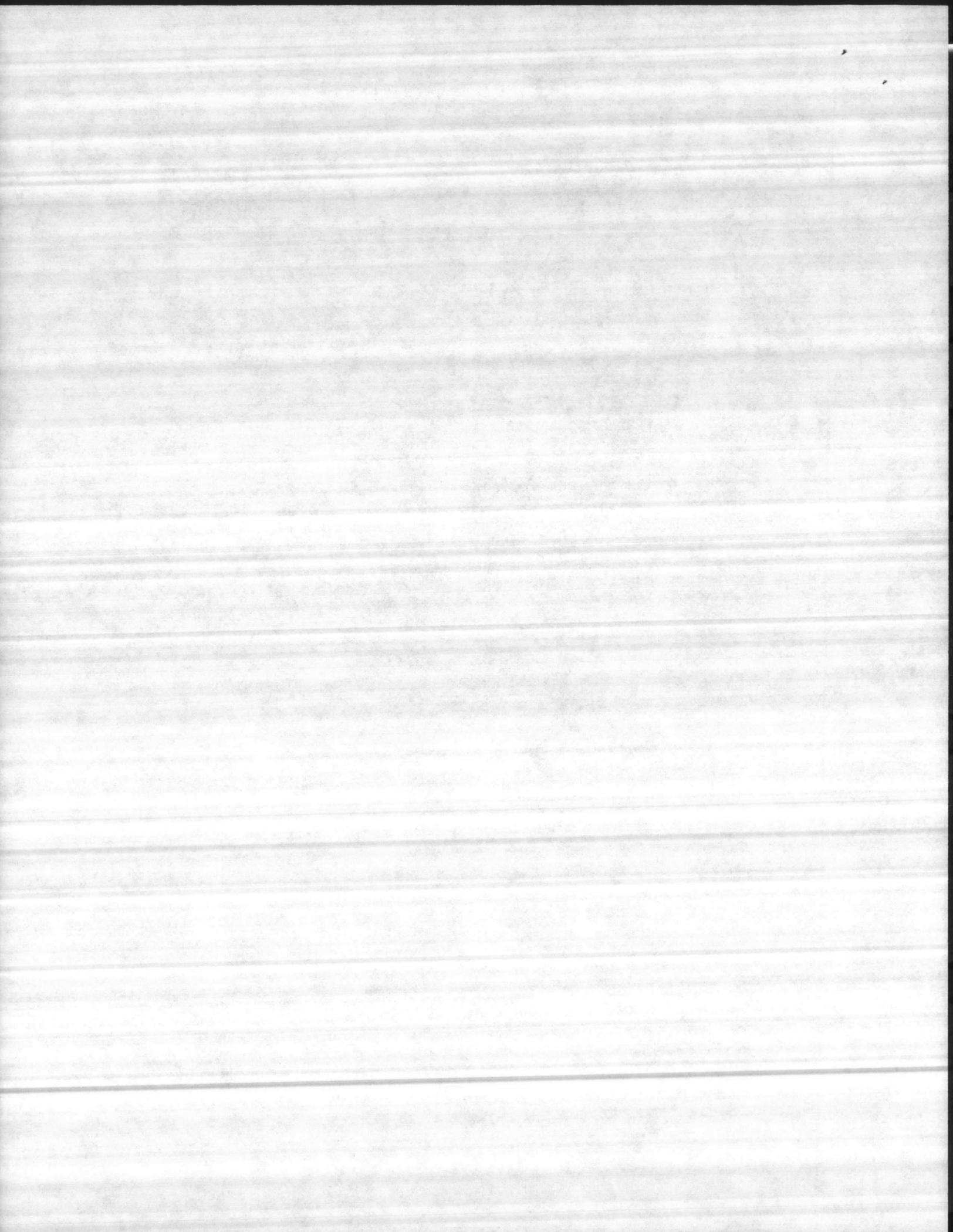
4. PROJECT TITLE ELEC/COMM MAINTENANCE SHOP	5. PROJECT NUMBER P-564
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(3) Collateral Equipment.

(a) Built-in (MCON Funded)

Description

- \* Air Conditioning, Heating & Ventilating Systems
- \* Plumbing System & Steam System (Interior)
- \* Compressed Air System
- \* Sprinkler System
- \* Telephone, Fire Alarm & Intercom Systems
- \* Drinking Water Coolers
- \* Lockers, Wall Mounted
- \* Locker-room benches, 6' long
- \* Chalkboards, Wall Mounted
- \* Bulletin Board, Wall Mounted
- \* Blinds, Venetian, Light Tight
- \* Counter, Dispatchers
- \* Exhaust System, overhead fractional HP, 208V, 3 phase
- \* Deluge Shower; w/eye wash CW
- \* Acid Resistant Sink w/bench CW
- \* Exhaust Hood (over) w/fractional HP, 120V, 1 phase fan
- \* Grounding System, Electronic



1. COMPONENT  
MARINE CORPS | FY 1989 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE  
20 Feb 1986

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

ELEC/COMM MAINTENANCE SHOP

5. PROJECT NUMBER

P-564

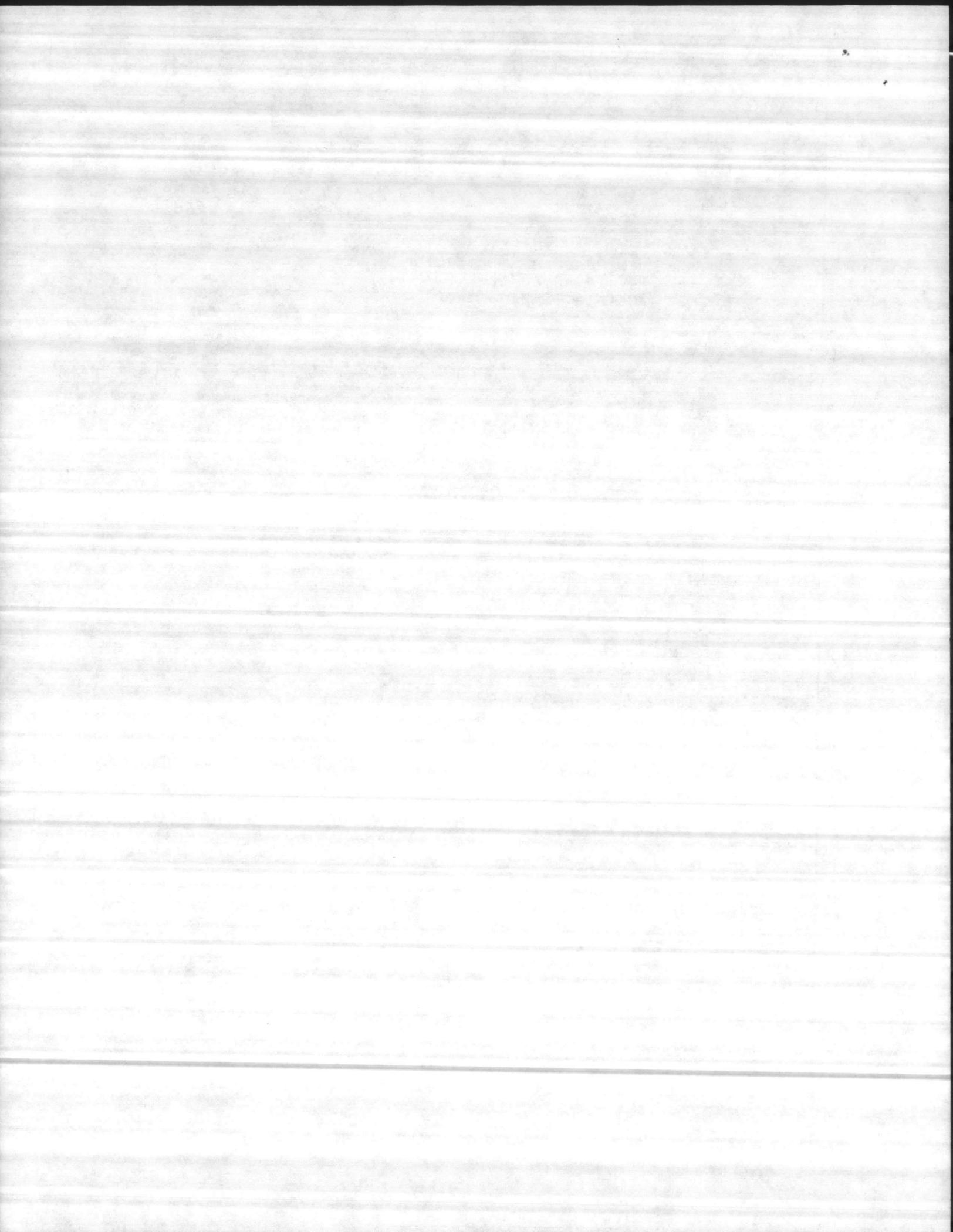
\* Pass Window, 4' wide,  
w/counter & "B" label  
roll down shutter (w/  
fusible link)

\* 60/400 Cycle Electrical System  
with AC/DC Power Bus Bar and  
transformers

\*Equipment with associated installation cost.

(b) Expense Items

<u>Description</u>	<u>Qty</u>	<u>Unit of Issue</u>	<u>Unit Price</u>	<u>Total Cost</u>
Benches, work, portable, 48"x28"x34"H	8	EA	\$160	\$1,280
Benches, work, portable, 72"x28"x34"H	6	EA	332	1,992
Benches, work, stationary, 28"Dx34"H, stl top, std, lead covered in btry shop	12	EA	210	2,520
Parts Bins, adj shelving 14"x24"D	5	EA	276	1,380
Grinder, bench, 7" w/ buffer wheel	1	EA	462	462
Parts Rota Bins, 3' dia. multi-bin	8	EA	400	3,200
Charger, battery, 12V, 24V, 36V selenium type; battery tester, 12V, 24V, 36V, 2.2KW, 110/220V	2	EA	473	946
14"W shelving w/adj stds	8	EA	100	800
12"W shelving w/adj stds, 5 shelves, 36"W & 84"H	8	EA	75	600
Desk, flat top, dbl ped, 60"x30", walnut pattern top, no overhang	2	EA	234	468



1. COMPONENT  
MARINE CORPS

FY 1989, MILITARY CONSTRUCTION PROJECT DATA

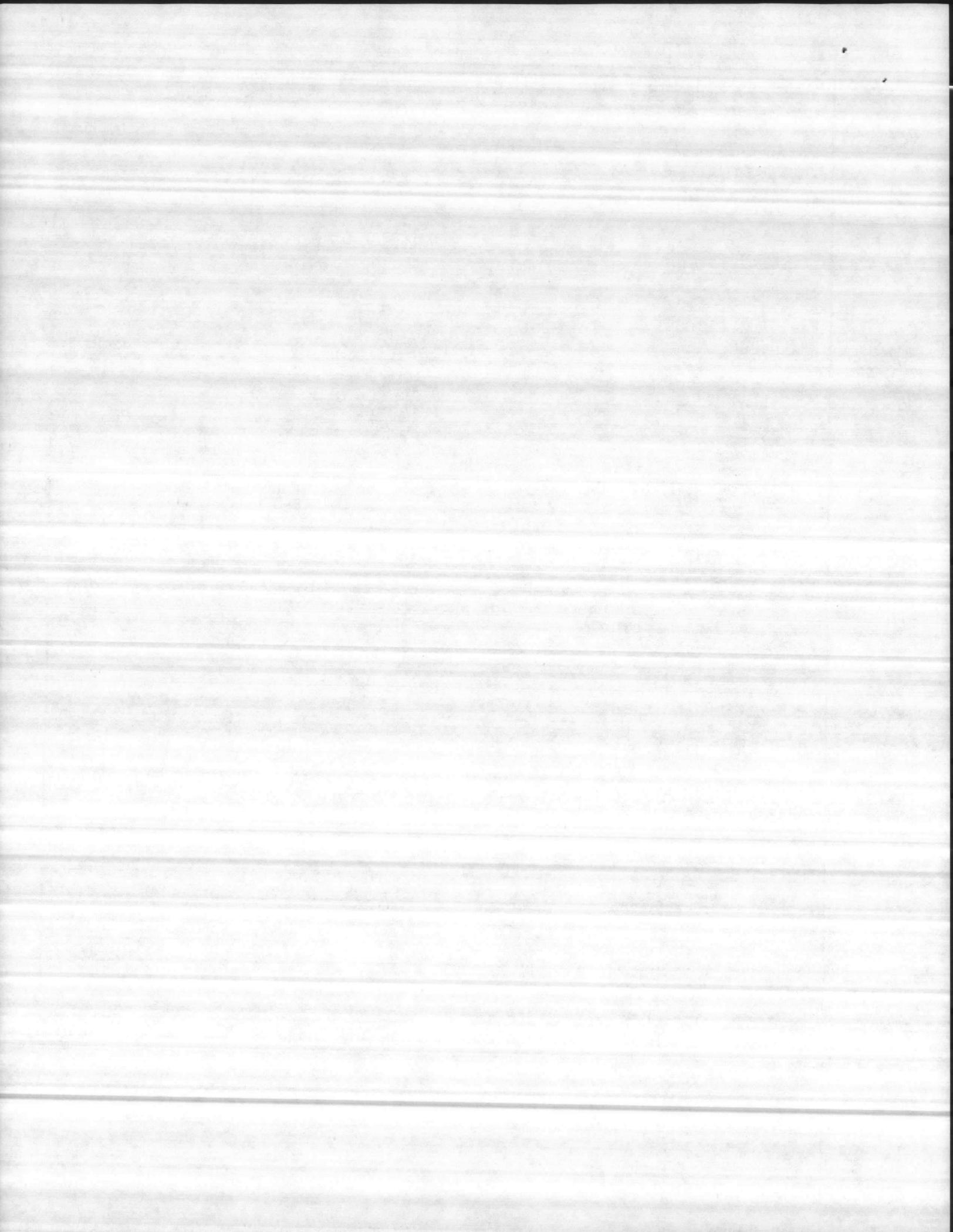
2. DATE  
20 Feb 1986

3. INSTALLATION AND LOCATION  
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE  
ELEC/COMM MAINTENANCE SHOP

5. PROJECT NUMBER  
P-564

Description	Qty	Unit of Issue	Unit Price	Total Cost
Desk, flat top, 45"x30" walnut pattern top, no overhang	6	EA	227	1,362
Desk, flat top, w/attach for sec'l & gen. clerical purposes	6	EA	180	1,080
Chair, rotary, tilting seat & back, adj. seat height, w/arms, w/casters	8	EA	66	528
Chair, secretarial, rotary adj. seat height, w/arms, w/casters	6	EA	65	390
Stand, office machine 2 drop leaves, walnut pattern top, w/casters	4	EA	85	340
Typewriter, IBM electric 13½" carriage, carbon ribbon, 10 pitch Model 833	4	EA	850	3,400
Filing Cabinet, 5 drawers, legal size, w/o lock	6	EA	146	876
Cabinet, storage, dbl door, 36"x18"x80-1/16"H	8	EA	132	1,056
Bookcase, base, 33"x13" x10"H	9	EA	20	180
Bookcase, section, w/o doors, 31"x12"x14"H	36	EA	40	1,440
Bookcase, top, 33"x 13"x2½"H	9	EA	20	180
Chair, straight, w/o arms	28	EA	40	1,120
Costumer, wearing apparel, contemporary, 4 dbl hooks, round pole w/rd base	9	EA	55	495



1. COMPONENT  
MARINE CORPS

FY 1989 MILITARY CONSTRUCTION PROJECT DATA

2. DATE  
20 Feb 1986

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

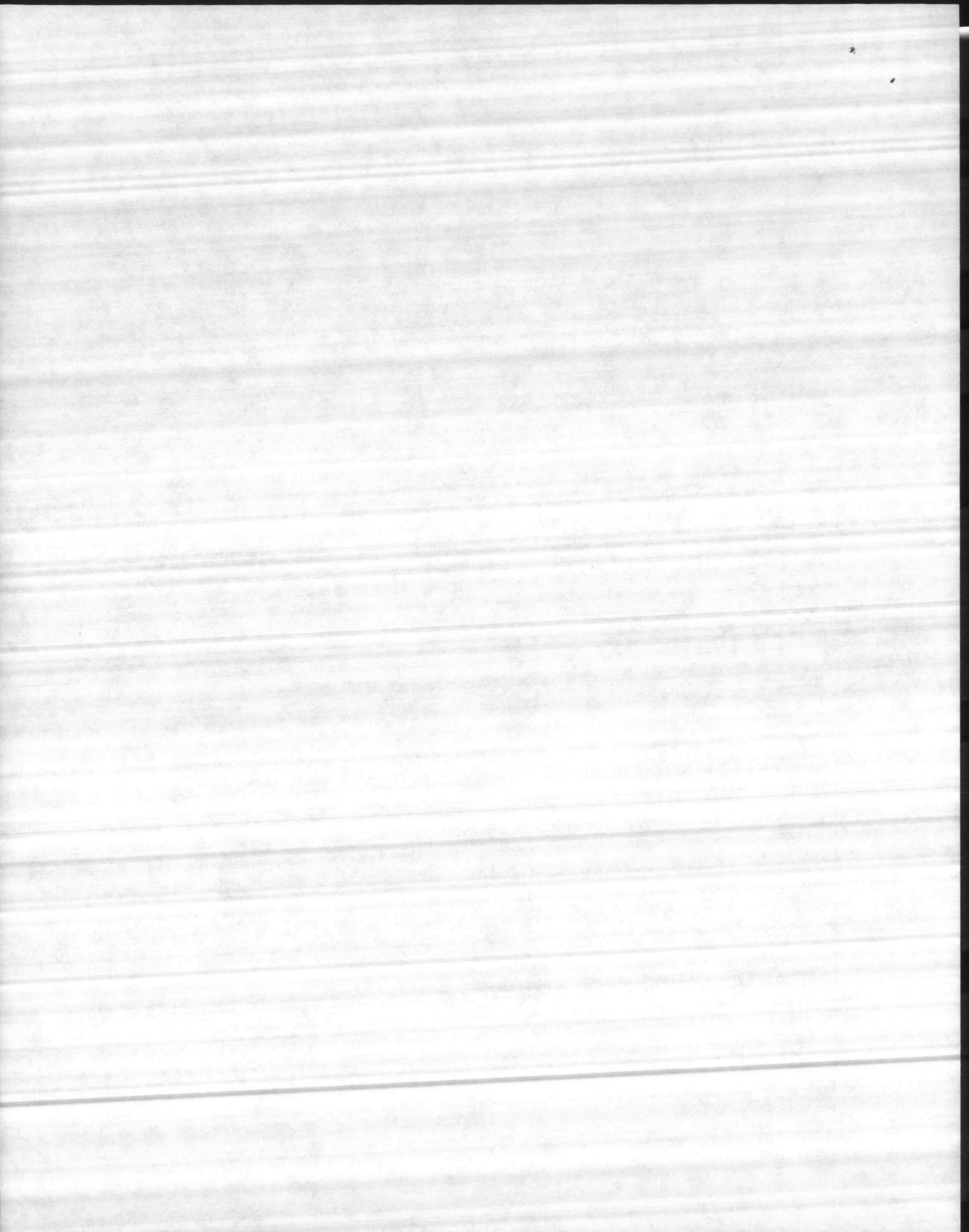
4. PROJECT TITLE

ELEC/COMM MAINTENANCE SHOP

5. PROJECT NUMBER

P-564

<u>Description</u>	<u>Qty</u>	<u>Unit of Issue</u>	<u>Unit Price</u>	<u>Total Cost</u>
Rack, wearing apparel contemporary, 6 metal hangers, 78"Hx30"Lx20"D at base	6	EA	45	\$ 270
Wastepaper Basket, dark brown, 14½"Hx13" dia top	18	EA	3	54
Draperies	4	PR	90	360
Draperies, blackout	5	PR	90	450
Desk Lamp	14	EA	39	546
Adding Machine, Monroe Model 1405	4	EA	300	1,200
Bulletin Board, cork, alum frame, 4'x6'	6	EA	65	390
Table, gen. purpose, 60"x30"x29½"H	4	EA	164	656
Student Chairs, VIRCO Chrome frame, Model 7020	30	EA	40	1,200
Portable Easel	2	EA	96	192
Bench, work, electronic, 120/220V, 60 cycle & 400 cyc., 28V	6	EA	1,500	9,000
Rack, security, for mechanics' tool boxes, 24 openings	1	EA	582	582
Extinguisher, fire, 15 lb., CO <sub>2</sub>	8	EA	164	1,312
Extinguisher, fire, 2½ gal. H <sub>2</sub> O	8	EA	30	240
TOTAL EXPENSE ITEMS				42,547



1. COMPONENT

MARINE CORPS

FY 1989 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

20 Feb 1986

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

ELEC/COMM MAINTENANCE SHOP

5. PROJECT NUMBER

P-564

(3) COLLATERAL EQUIPMENT (continued):

TOTAL EXPENSE ITEMS: \$ 42,547

(c) Investment Items: None

(d) APA Equipment - None(e) Training Equipment

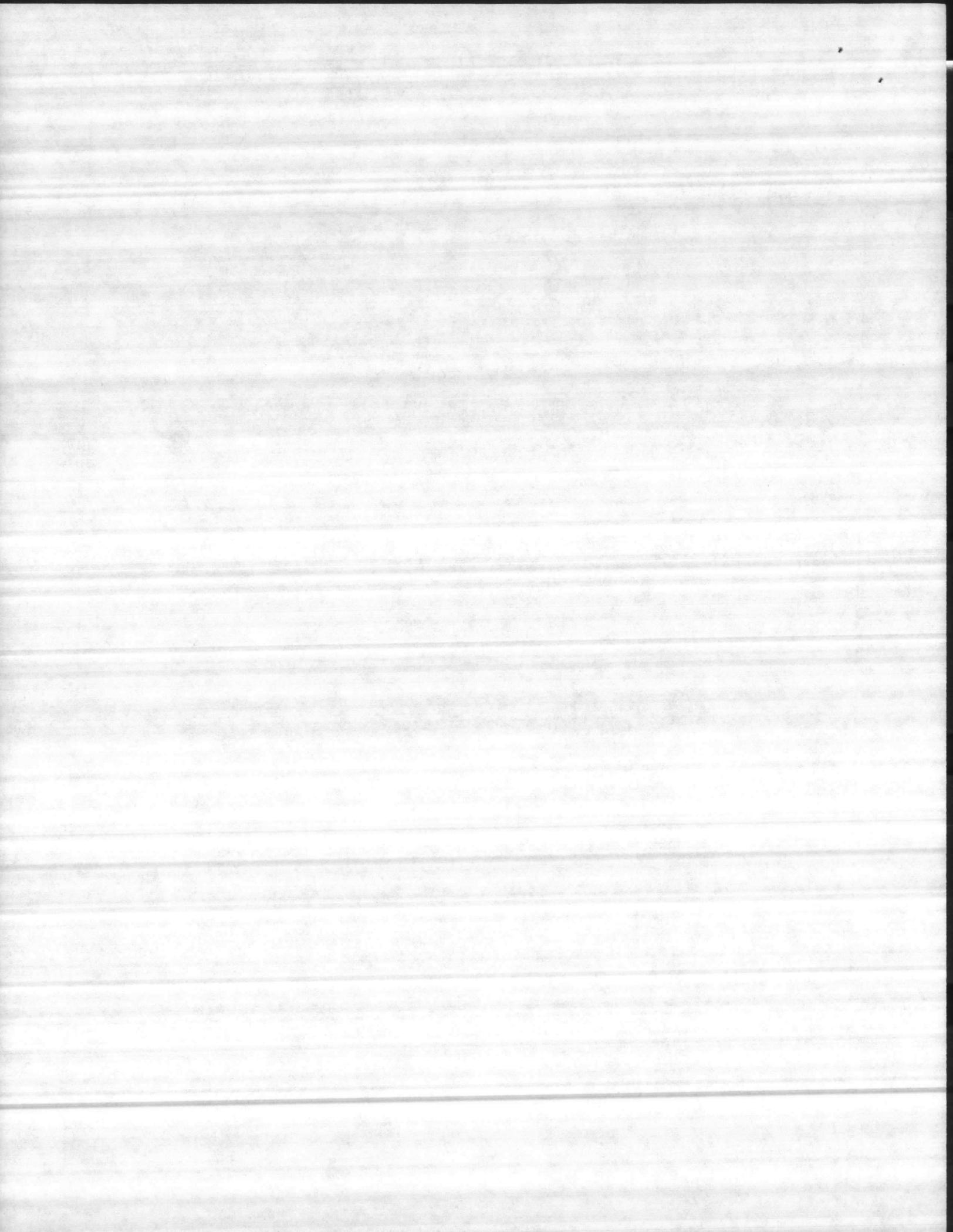
<u>Description</u>	<u>Qty</u>	<u>Unit of Issue</u>	<u>Unit Price</u>	<u>Total Cost</u>
Movie Projector	1	EA	468	468
Movie Screen	1	EA	127	127
Overhead Projector	1	EA	203	<u>203</u>
TOTAL TRAINING ITEMS				\$ 798

(f) Equipment on Hand: (To be determined at a later date.)(g) Summary

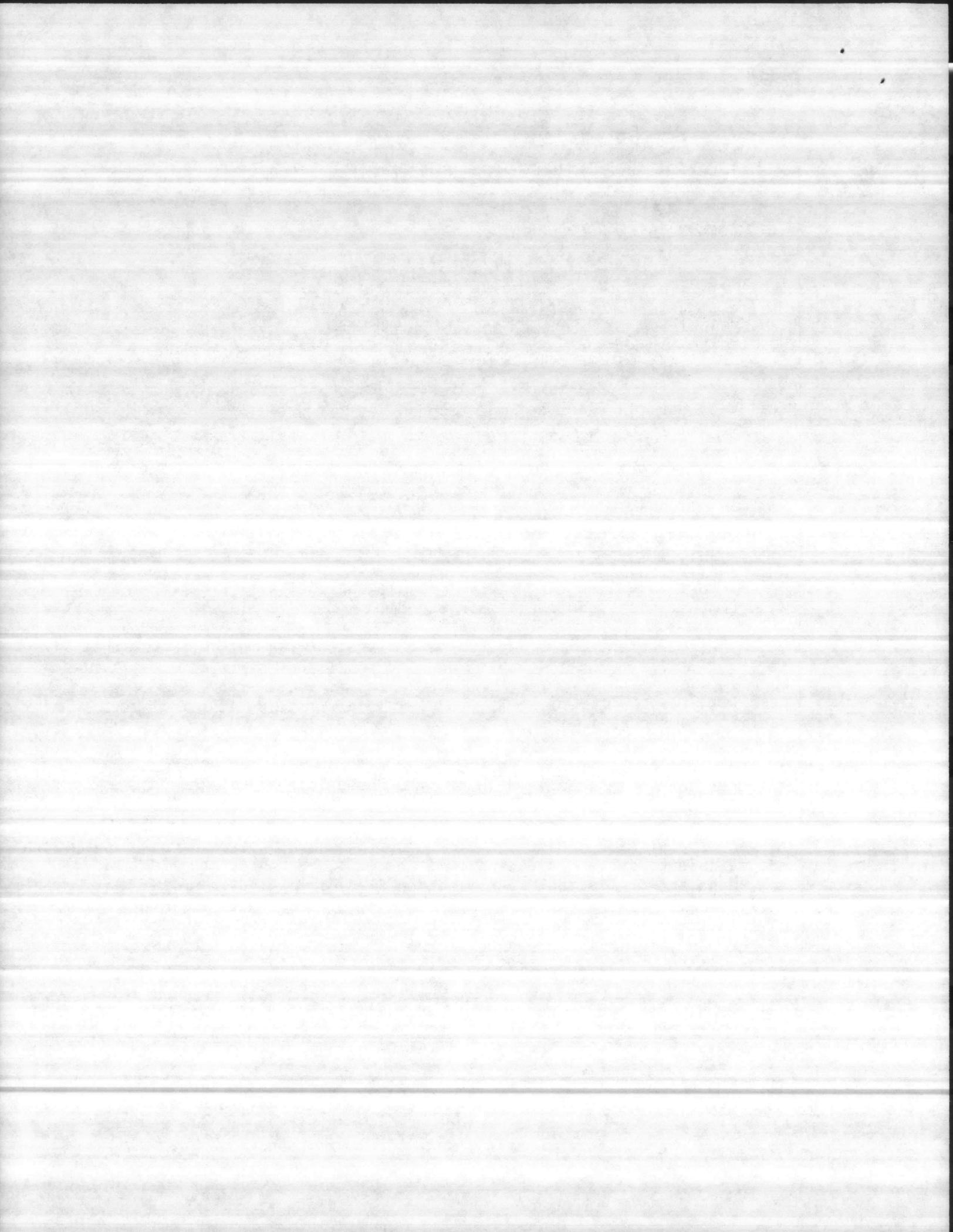
Expense Cost (O&amp;MMC) 42,547

Training Cost (O&MMC) 798

TOTAL 43,345



1. COMPONENT MARINE CORPS	FY 1989 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 1986
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE ELEC/COMM MAINTENANCE SHOP	5. PROJECT NUMBER P-564	
<p>3. <u>Description of Proposed Construction.</u> (Continued)</p> <p>(4) <u>Supporting Facilities.</u> Special piling, foundation, collateral equipment, site improvement, pollution abatement and access road, etc. No demolition will be accomplished on this project.</p> <p>4. <u>Cost Estimate.</u> Area cost factor for Camp Lejeune, N. C. is 0.86. Cost data derived from the COMNAVFACEGCOM Cost Index dated 1 October 1984, and escalated to FY-89 to provide for this proposed facility.</p> <p>5. <u>Justification for Project and for Scope of Project.</u></p> <p>a. <u>Justification for Project.</u></p> <p>(1) <u>Project.</u> Proposed facilities are required to provide a Landing Support Battalion adequate and secure facilities to perform electronic and communications equipment maintenance.</p> <p>(2) <u>Current Situation.</u> Personnel are working in facilities that were not designed to perform 1st and 2nd echelon electronic/communication maintenance, and they are located in the Hadnot Point Area. The proposed facility will be located in the French Creek Area in keeping with the Facility Master Plan.</p> <p>(3) <u>Impact if Not Provided.</u> The maintenance work will continue to be performed in scattered WW II make-do buildings, causing protracted maintenance efforts with a resulting increase in deadline equipment, which will adversely affect the Landing Support Battalions combat readiness posture. The personnel performing the maintenance work will not be able to become proficient, in an efficient manner, due to time-consuming and inefficient operations created by working in substandard facilities.</p> <p>b. <u>Justification for Scope of Project.</u> The project scope, 6,100 SF, is the minimum size facility that can meet the deficiency requirement for the electronic/communications maintenance needs of the Landing Support Battalion of 2d FSSG. See Item 13, Quantitative Data.</p> <p>6. <u>Equipment Provided from Other Appropriations.</u> Not applicable.</p> <p>7. <u>Common Support Facilities.</u> Not applicable. There are no common support facilities available in the French Creek Area.</p> <p>8. <u>Effect on Other Resources.</u> The project will require approximately</p>		



1. COMPONENT MARINE CORPS	FY 1989 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 1986
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3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542
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4. PROJECT TITLE ELEC/COMM MAINTENANCE SHOP	5. PROJECT NUMBER P-564
--	----------------------------

3. Description of Proposed Construction. (Continued)

\$2,118 per year in increased O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. The project will enhance and improve the morale of personnel presently working in widely dispersed facilities. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977 and implemented by NAVFACINST 4100.5A.

Utility Requirements

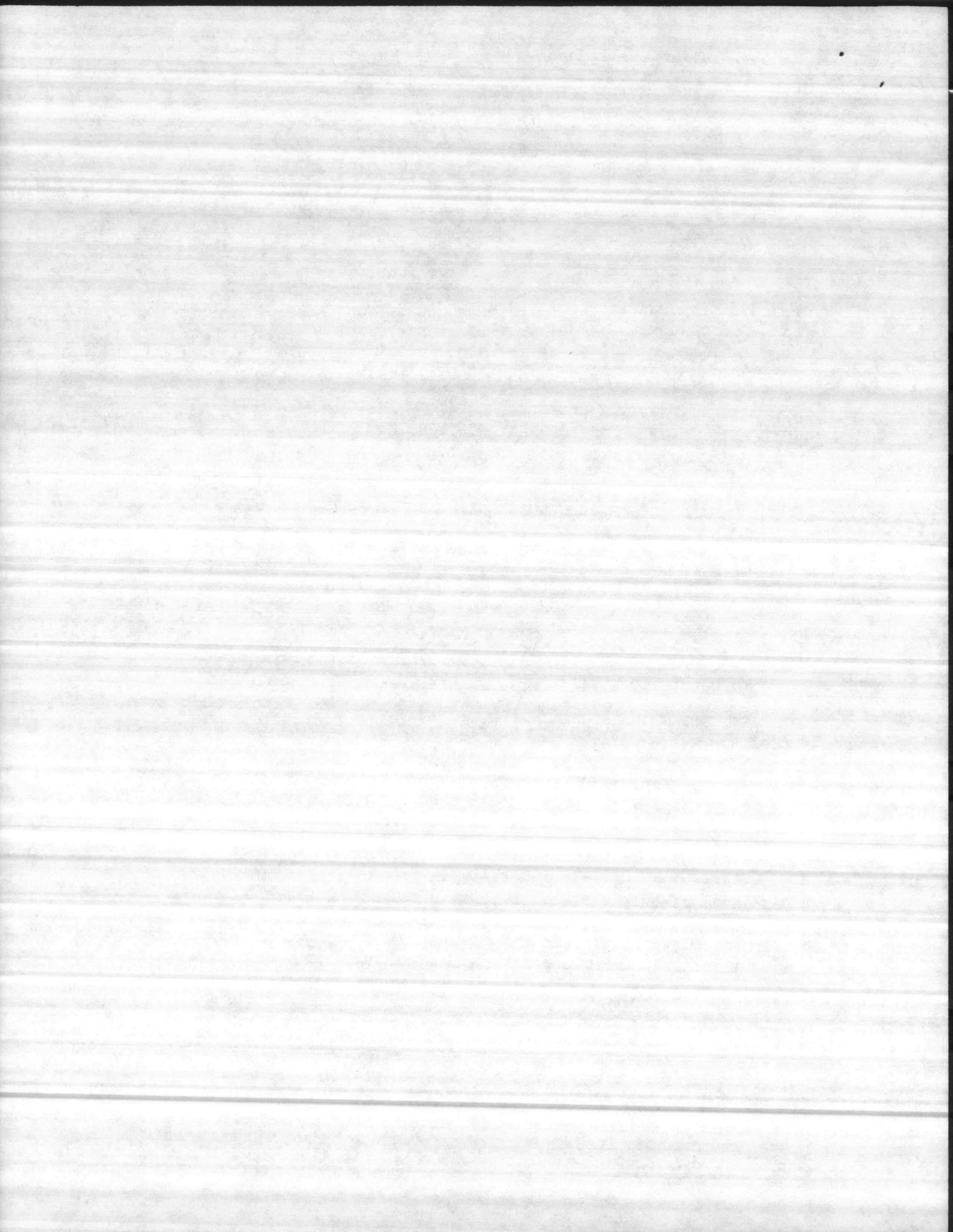
a. <u>Electricity</u> :	Consumption	20,896	KWHR/yr
	Peak Demand	13	KW
	Avg Demand	12	KW
b. <u>Steam</u> :	Consumption	937,281	lbs/yr
	Demand	336	lbs/hr
c. <u>Coal</u> :		36.6	tons/yr
d.	Adequate utility requirements are available.		

9. Siting of the Project. This facility will be located in the French Creek Area, in keeping with the Camp Lejeune Master Plan. See encl (1).

10. Other Graphic Presentations, including Photographs. None.

11. Economic Analysis. This facility is being constructed on an undeveloped site adjacent to a developed area. Economic savings will be in nominal energy consumption savings to be realized from efficient operations. This is a military operational project in support of an operational mission located in this area.

12. Environmental impact assessment. An environmental impact assessment of the area will be made and it is not anticipated that this project will have neither a significant impact on the environment nor is it highly controversial.



1. COMPONENT MARINE CORPS	FY 19 <u>89</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 1986
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE ELEC/COMM MAINTENANCE SHOP		5. PROJECT NUMBER P-564

13. Quantitative Data.

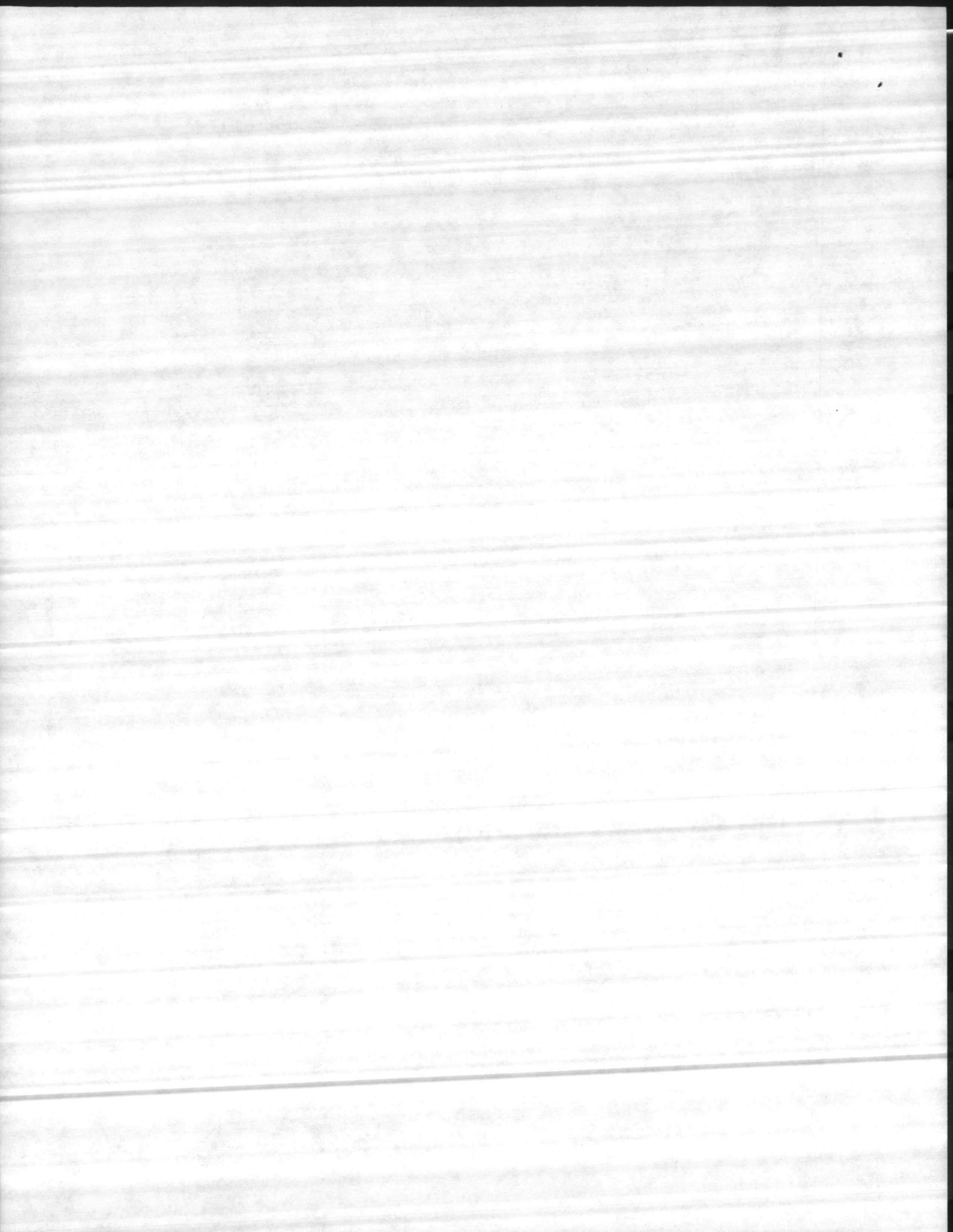
- a. UNIT OF MEASURE: "SQUARE FEET"
- b. TOTAL REQUIREMENT: 52,285 SQUARE FEET
- c. EXISTING SUBSTANDARD: 2,400 SQUARE FEET
- d. EXISTING INADEQUATE: 0 SQUARE FEET
- e. EXISTING ADEQUATE: 7,834 SQUARE FEET
- f. OTHER ASSETS, NOT IN INVENTORY: 0 SQUARE FEET
- g. FUNDED, NOT IN INVENTORY: 5,250 SQUARE FEET

<u>Proj No.</u>	<u>Area</u>	<u>FY</u>
P-505	5,250 SF	FY-86

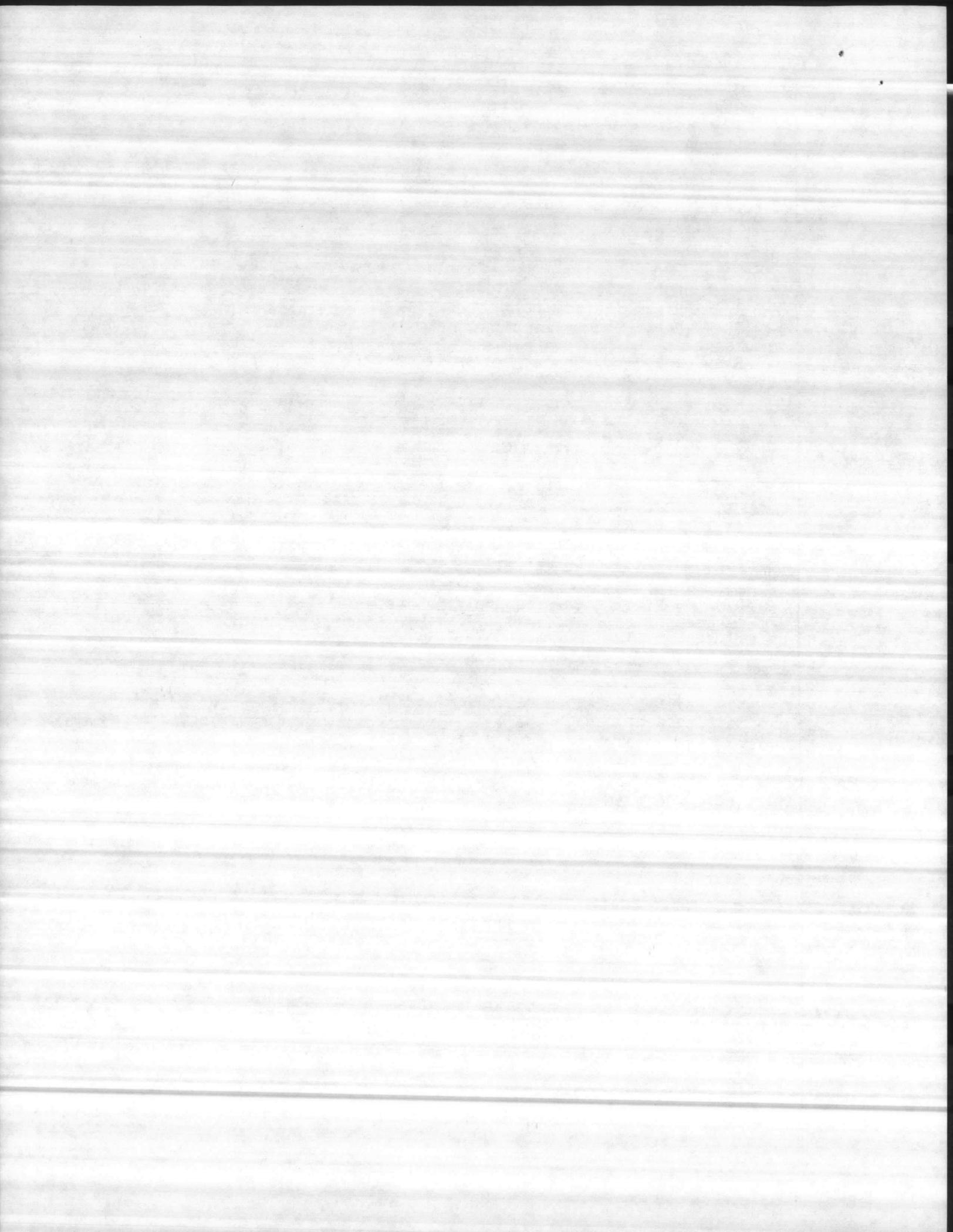
- h. ADEQUATE ASSETS: (e + f + g) 13,084 SQUARE FEET
- i. DEFICIENCY: (b-h) 17,916

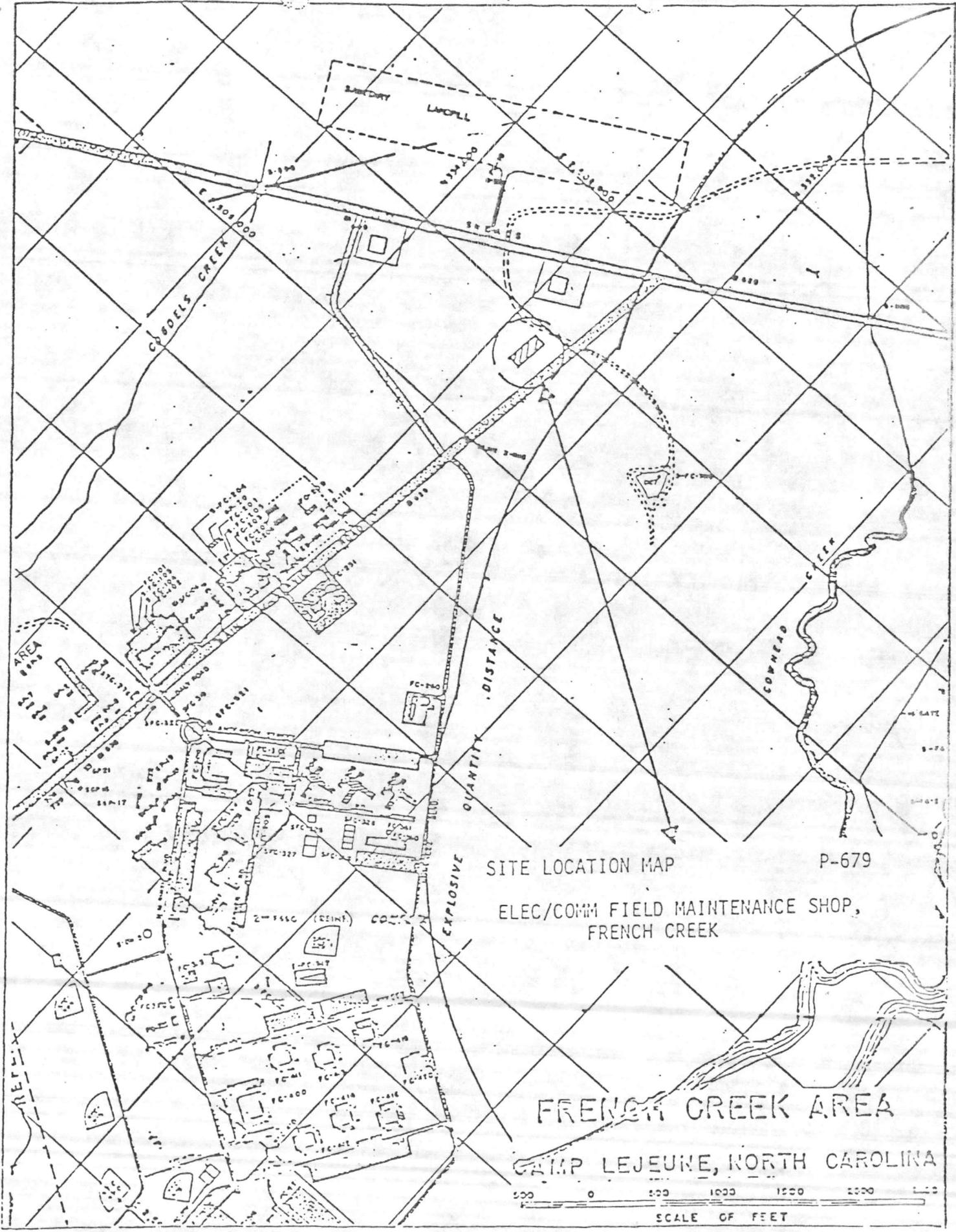
TOTAL REQUIREMENT = 52,285 SQUARE FEET  
ADEQUATE ASSETS = -13,084 SQUARE FEET

TOTAL DEFICIENCY = 39,201 SQUARE FEET



1. COMPONENT MARINE CORPS	FY 19 <u>89</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 1986
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE ELEC/COMM MAINTENANCE SHOP	5. PROJECT NUMBER P-564	
<p>14. <u>Maintenance Facilities</u>. Planning factors have been identified in terms of quantitative workloads that have been supported by the level of utilization. This facility has certain specifications in order to satisfy the space requirements and functional capabilities to effectively store and maintain the equipment involved. The NAVFAC definitive drawing given in P-272, Part IV is NAVFAC Dwg. #1293361.</p> <p>15. <u>Morale, Welfare and Recreation Facilities</u>. Not Applicable.</p> <p>17. <u>Storage Facilities</u>. Not Applicable.</p> <p>18. <u>Hazards Identifications, Assessment and Analysis</u>.</p> <p>a. System safety engineering and management programs will be used to ensure that the highest possible degree of safety and occupational health is designed into this facility.</p> <p>b. The requirement for applying system safety engineering principles and management to this facility will include the following documentation:</p> <p>(1) A listing of primary hazards identified.</p> <p>(2) Risk assessment data, leading to the assignment of a "risk assessment code," shall be in accordance with OPNAVINST 5100.23, Navy Occupational Safety and Health (NAVOSH) program.</p> <p>(3) A preliminary hazard analysis (PHA) will be submitted as required.</p>		





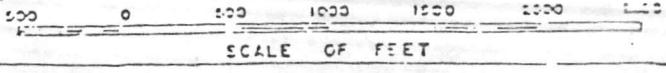
SITE LOCATION MAP

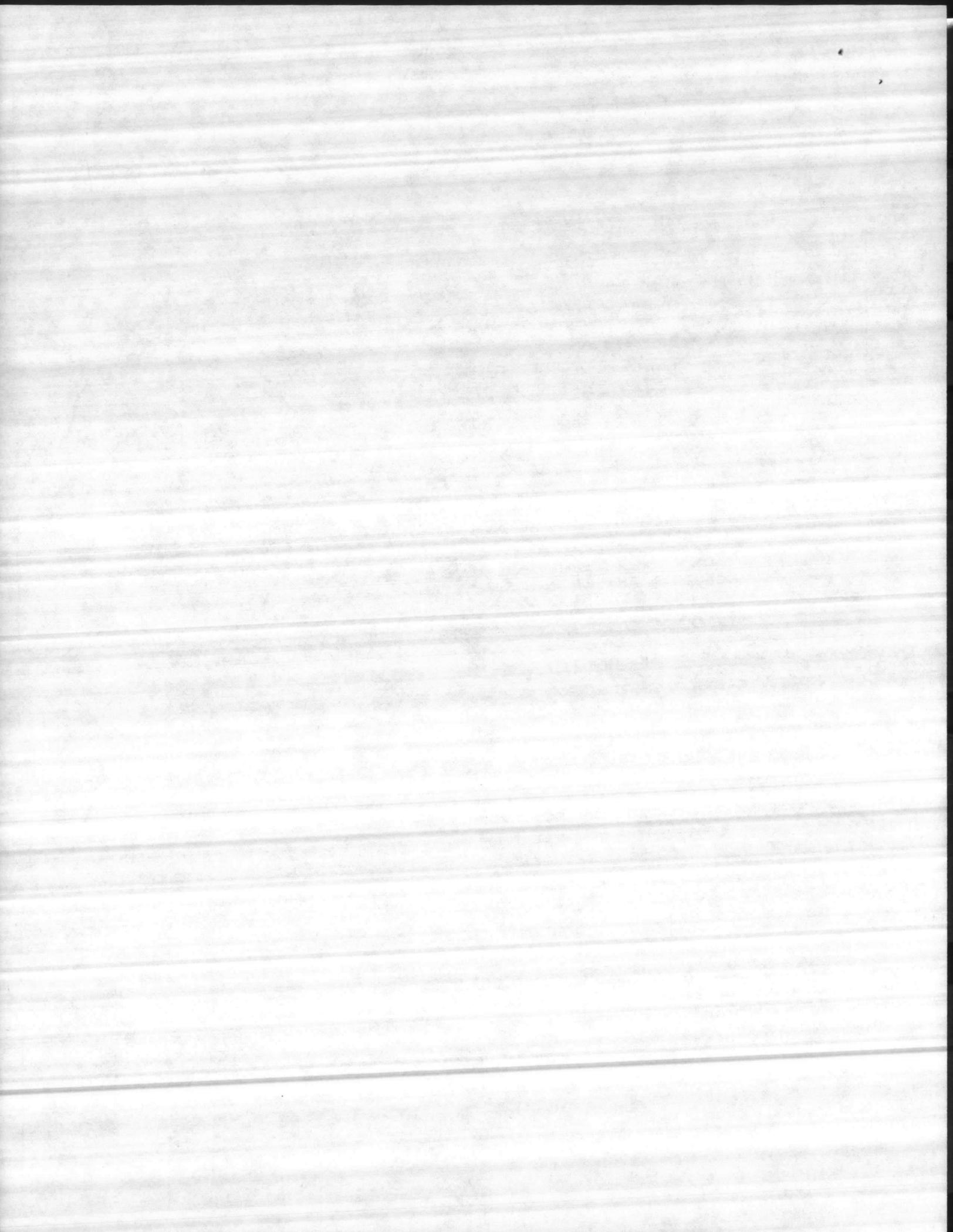
P-679

ELEC/COMM FIELD MAINTENANCE SHOP,  
FRENCH CREEK

FRENCH CREEK AREA

CAMP LEJEUNE, NORTH CAROLINA





# Memorandum

DATE: 11000  
17 Jul 86

FROM: Special Services Director, Marine Corps Base, Camp Lejeune

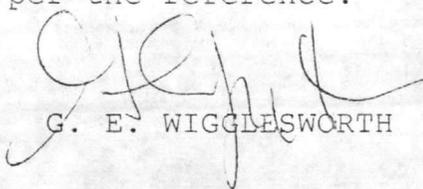
TO: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune

SUBJ: REQUEST FOR ENVIRONMENTAL REVIEW, PROJECT P-852

Ref: (a) CG ltr 6280 over FAC of 3 Jul 86

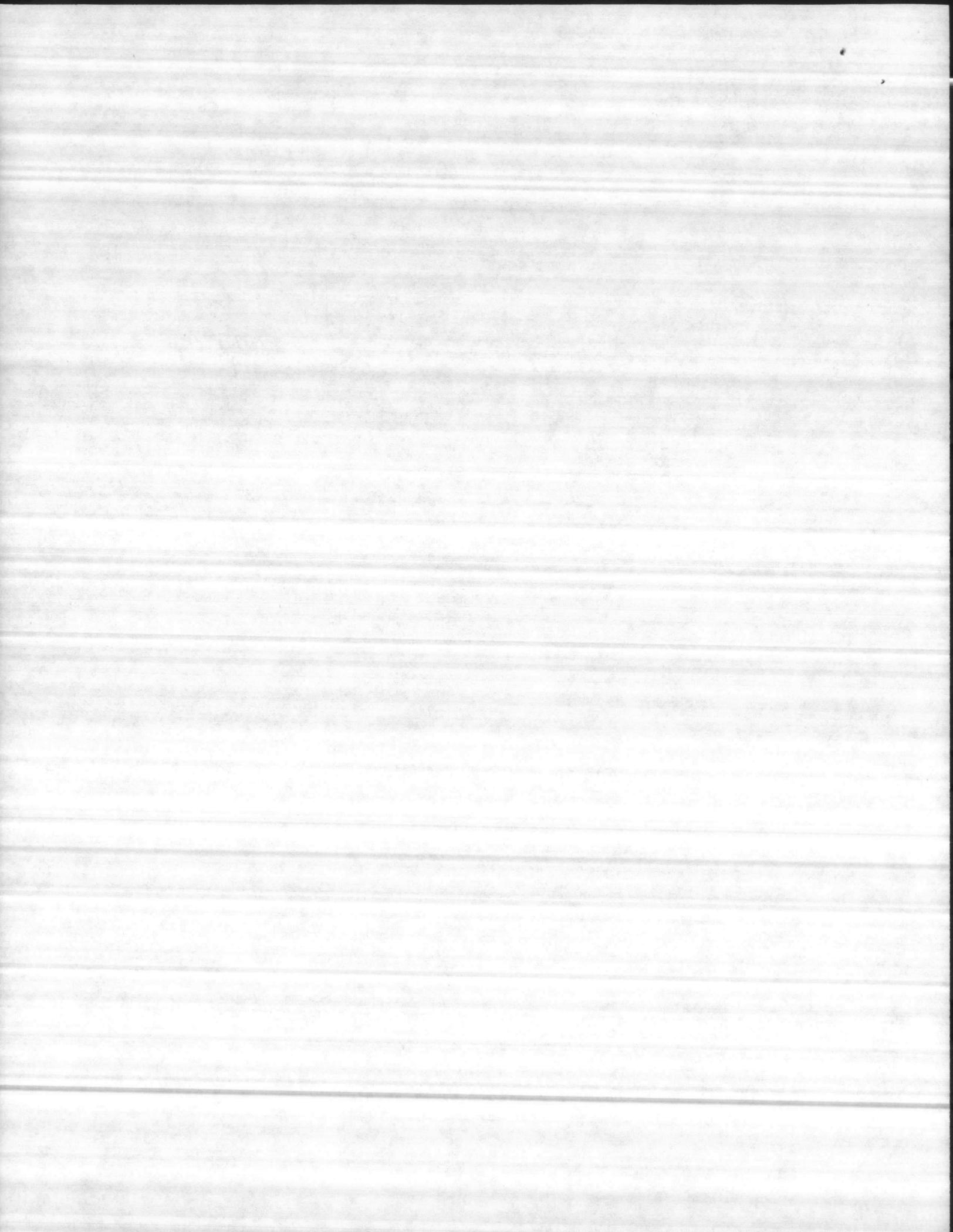
Encl: (1) Request for Environmental Impact Review

1. The enclosure is submitted per the reference.



G. E. WIGGLESWORTH

Copy to:  
AC/S, MWR



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB, CamLej Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Div. Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

CHILD CARE CENTER (P-852)

I. PROJECT DESCRIPTION

Construct two permanent, one-story buildings of 4,000 and 2,000 square feet, respectively, to serve as childcare centers. Include necessary safety, health, climate control and childcare-specific systems to support intended use. Outside work includes sidewalks, playground equipment, fencing, security lighting and utilities connections. Demolition of three existing wooden buildings (1945, 2694 and 2625) is required.

II. PROJECT PURPOSE

This project will provide Camp Lejeune's first two structures specifically designed and constructed to meet DOD criteria for childcare centers.

III. SITE SELECTION

Sites of the two centers are adjacent to existing administrative/service areas on Brewster Boulevard and on Camp Johnson. No significant impact or loss of natural resources were identified with either site.

IV. CONCLUSION

No significant adverse environmental impact will result from this project. The two structures are needed to provide childcare facilities which meet DOD standards for that type service. Present patron need far exceeds capacity of existing facilities, all of which are operated in structures which have been modified to meet the very minimum standards. Upgrading to make them adequate would be more costly than new construction due to their present ages, type of construction and the standards involved.

ENCL ( / )

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? NO Will the project involve the use or disposal of asbestos? UNK Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? NO Will there be an increase in level of soil disturbance/damage to vegetation? NO Will there be one acre or more of land cleared/disturbed? YES

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any excavations deeper than twenty feet? NO Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? NO Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? UNK

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNK Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? NO Will petroleum oil and lubricants be routinely stored or used at the site? NO Will the project increase rates of surface/storm water run-off? YES

e. Natural Resources: Will there be a loss of forest land? UNK Will public access for hunting, boating, fishing, etc., be restricted? NO Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? NO Will there be any increased demand on a local or state government to provide services? NO Will there be any changes to traffic flow and patterns on or off-base? YES Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? NO Is there any known controversy associated with the type of project or action proposed? NO Are there any historical or archaeological sites affected by project/action? NO

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)



UNITED STATES MARINE CORPS  
2d Marine Division, Fleet Marine Force  
Camp Lejeune, North Carolina 28542-5500

IN REPLY REFER TO  
11000

G-4 FAC

1 AUG 1986

From: Commanding General, 2d Marine Division, FMF  
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina (Attn: AC/S, Facilities)

Subj: PREPARATION OF ENVIRONMENTAL DOCUMENTS FOR FY-89 MILITARY CONSTRUCTION PROJECTS (MCON)

Ref: (a) CG, MCB ltr 6280 FAC of 3 Jul 86.

Encl: (1) CO, 10th Mar ltr 11000 S-4 dtd 15 Jul 86.  
(2) OIC, Det A, 1st RPV Plt, HqBn ltr 11000.1B RPV dtd 17 Jul 86.

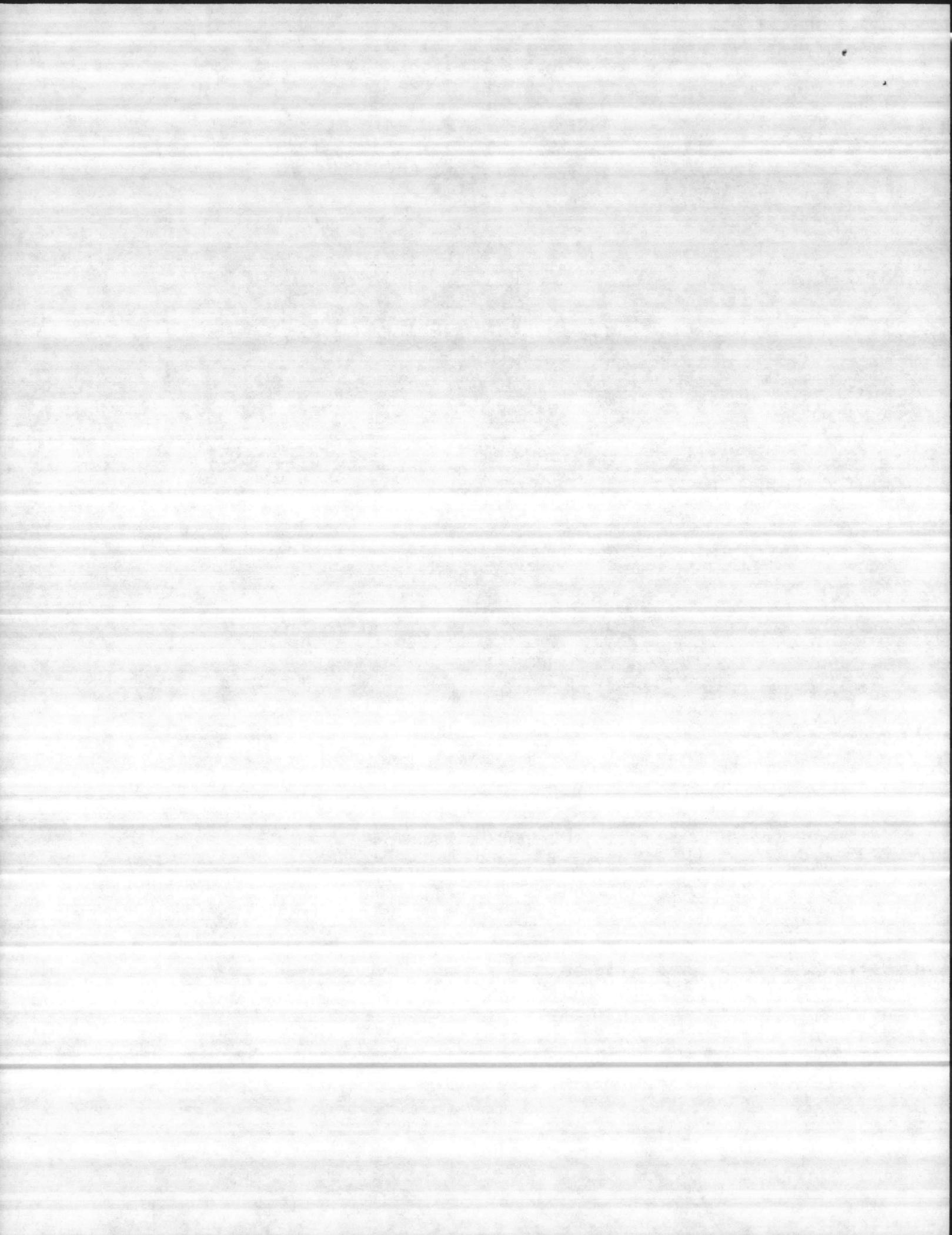
1. The reference requested a review of the potential environmental impact of FY-89 military construction projects. The results of the review (Preliminary Environmental Assessments) are appended herein as enclosures (1) and (2).

2. Point of contact at this headquarters is Captain L. G. Flores, the Division Facilities Officer at extensions 2417/5111.

A handwritten signature in cursive script, appearing to read "J. A. Marapoti".

J. A. MARAPOTI  
By direction

Copy to:  
CO, HqBn (RPV)  
CO, 10th Mar Regt (S-4)





UNITED STATES MARINE CORPS  
10th Marines, 2d Marine Division, FMF  
Camp Lejeune, North Carolina 28542-5515

IN REPLY REFER TO  
11000  
S-4  
15 Jul 86

From: Commanding Officer, 10th Marines  
To: Commanding General, Marine Corps Base, Camp Lejeune (Facilities)  
Via: Commanding General, 2d Marine Division, FMF (AC/S, G-4, Fac)

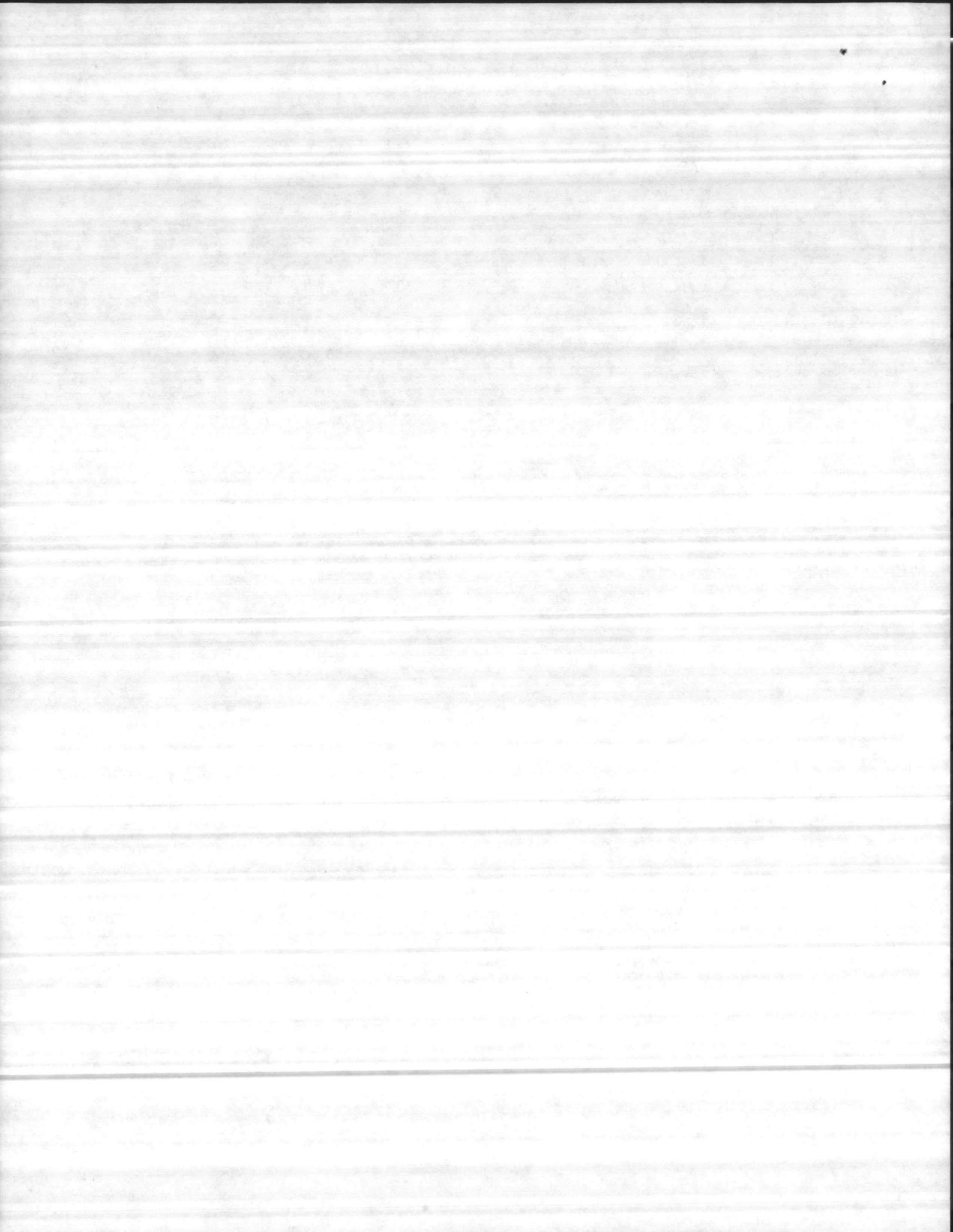
Subj: ENVIRONMENTAL IMPACT INFORMATION FOR MCON PROJECT P-229

Ref: (a) CG, 2d MarDiv ltr 11000 over G-4 Fac dtd 14 Jul 1986

Encl: (1) Project Description  
(2) Potential Environmental Impact/Considerations

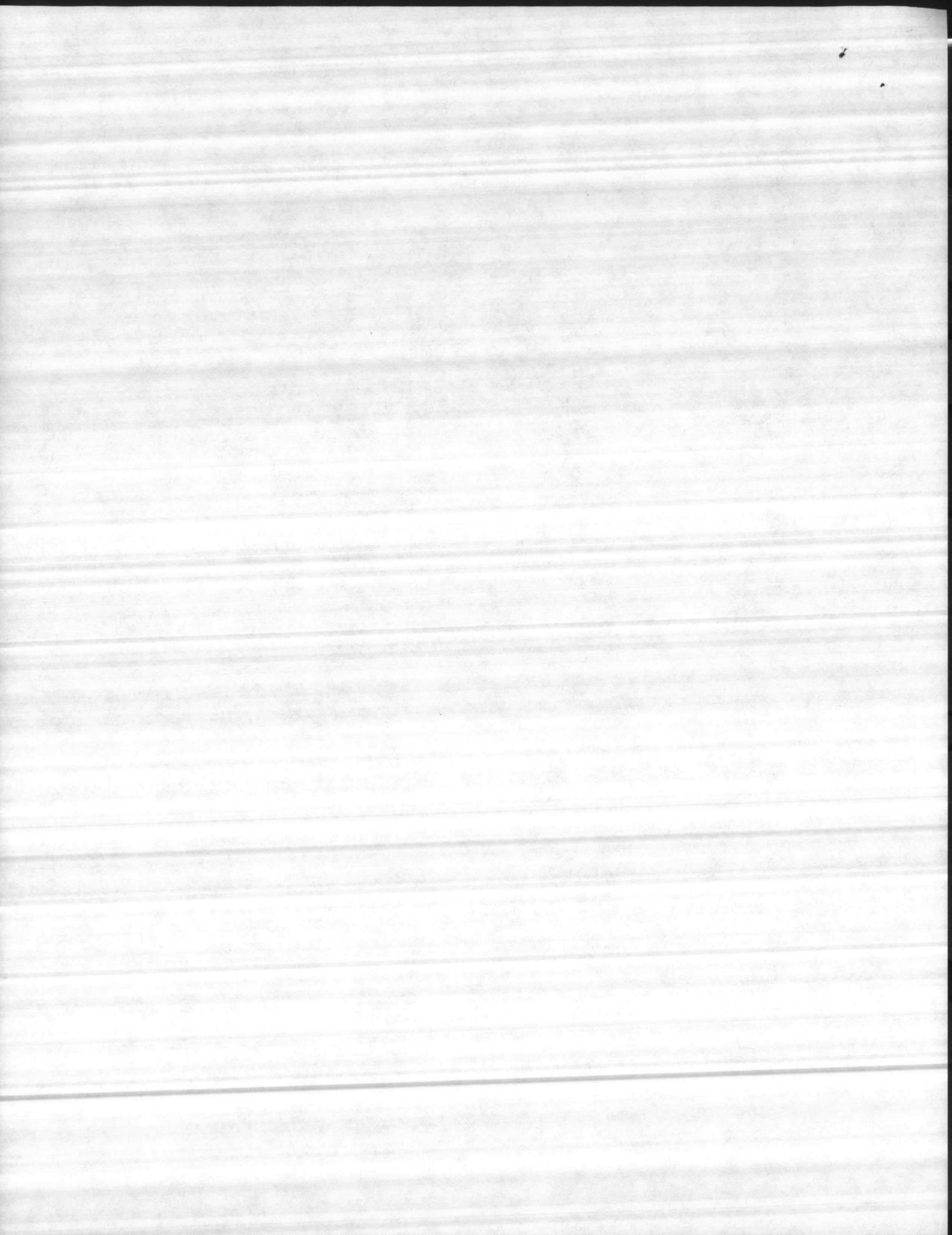
1. As requested by the reference, enclosures (1) and (2) are submitted.
2. Point of contact at this headquarters is Captain A. E. MAREE at extensions 3933/3467.

  
V. L. FISCHER, Jr.  
By direction



### Project Description

Construct a permanent one-story electronics/communication shop with piles, reinforced concrete foundation, floors, masonry walls, built-up roof over insulation with interior support systems. Air conditioning, steam, compressed air, sprinkler, fire alarm, plumbing, 60/400 cycle electrical grounding, exterior pavements, fencing, area lighting, site work, telephone and telephone switching equipment and utilities are included. Fallout shelter excluded. Shelters for personnel have been programmed in other projects.



Potential Environmental Impact/Considerations

a. Air Quality: Will there be any open burning associated with the project/action? UNKNOWN Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? UNKNOWN Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? UNKNOWN Will the project involve the use or disposal of asbestos? UNKNOWN Will project cause dust problems? UNKNOWN

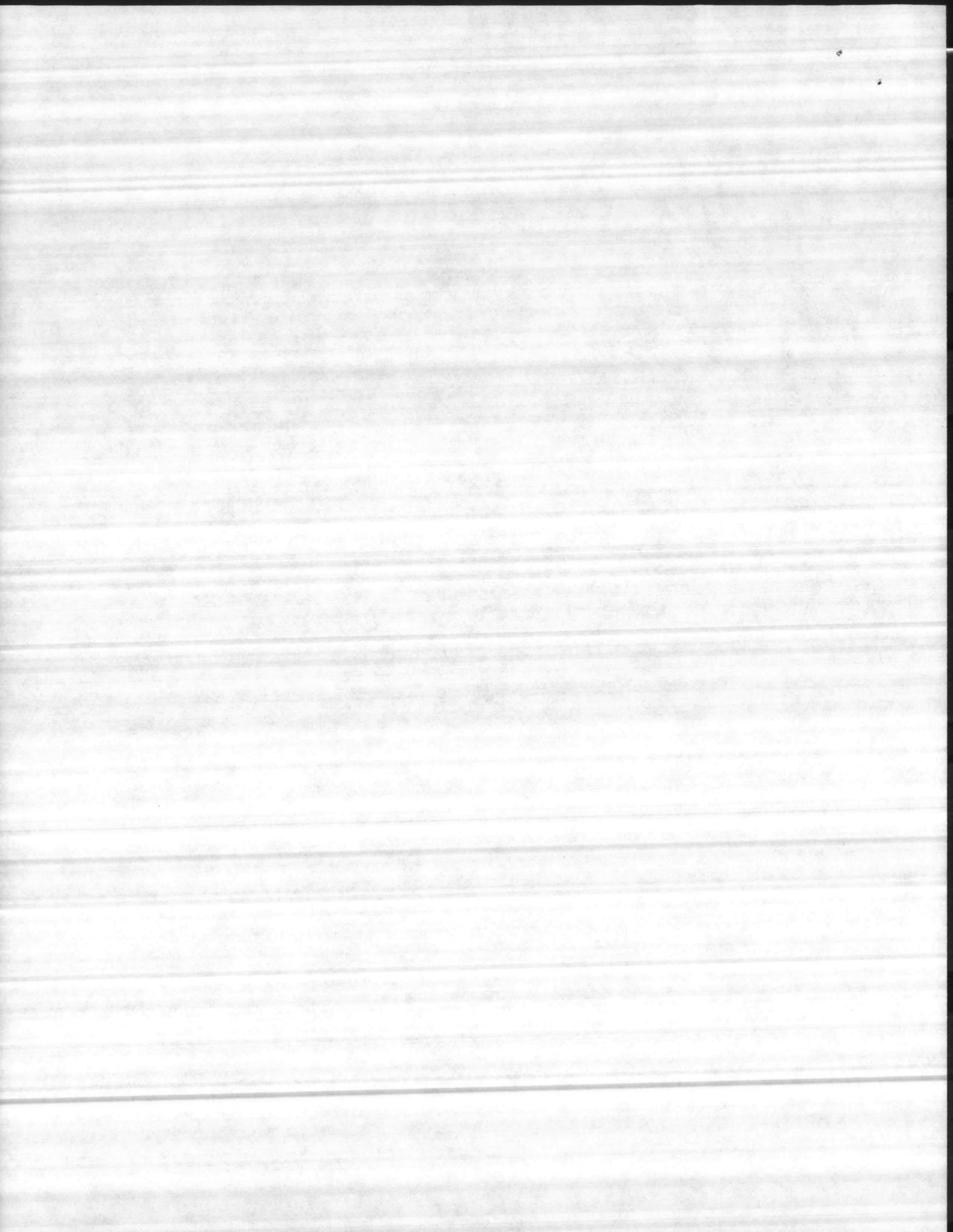
b. Land Quality: Will the action require use of significant amount of earthen fill material? UNKNOWN Will there be an increase in level of soil disturbance/damage to vegetation? UNKNOWN Will there be one acre or more of land cleared/disturbed? YES

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? UNKNOWN Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? UNKNOWN Will there be any wells dug or any excavations deeper than twenty feet? UNKNOWN Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? UNKNOWN Will there be a net increase of solid waste caused by implementing the project/action? UNKNOWN Will the project or action be carried out within 200 feet of a drinking water supply well? UNKNOWN

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNKNOWN Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? UNKNOWN Will all wastewater be connected to sanitary sewer? UNKNOWN Will there be an increase in erosion/siltation from soil disturbing activity? UNKNOWN Will petroleum oil and lubricants be routinely stored or used at the site? YES Will the project increase rates of surface/storm water run-off? UNKNOWN

e. Natural Resources: Will there be a loss of forest land? UNKNOWN Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? UNKNOWN Will removal of existing vegetation be required? UNKNOWN Are there any known effects on any endangered species? UNKNOWN Does the project involve the purchase or sale of any real estate? No

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? UNKNOWN Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? UNKNOWN





UNITED STATES MARINE CORPS  
2d Marine Division, Fleet Marine Force  
Camp Lejeune, North Carolina 28542-5500

IN REPLY REFER TO  
11000.1B  
RPV  
17 Jul 1986

From: Officer-In-Charge, Detachment A, 1st Remotely Piloted Vehicle Platoon,  
Headquarters Battalion, 2d Marine Division  
To: Commanding General, Marine Corps Base (Attn: Facilities)  
Via: (1) Assistant Chief of Staff, G-2, 2d Marine Division *PJH*  
(2) Assistant Chief of Staff, G-4, 2d Marine Division

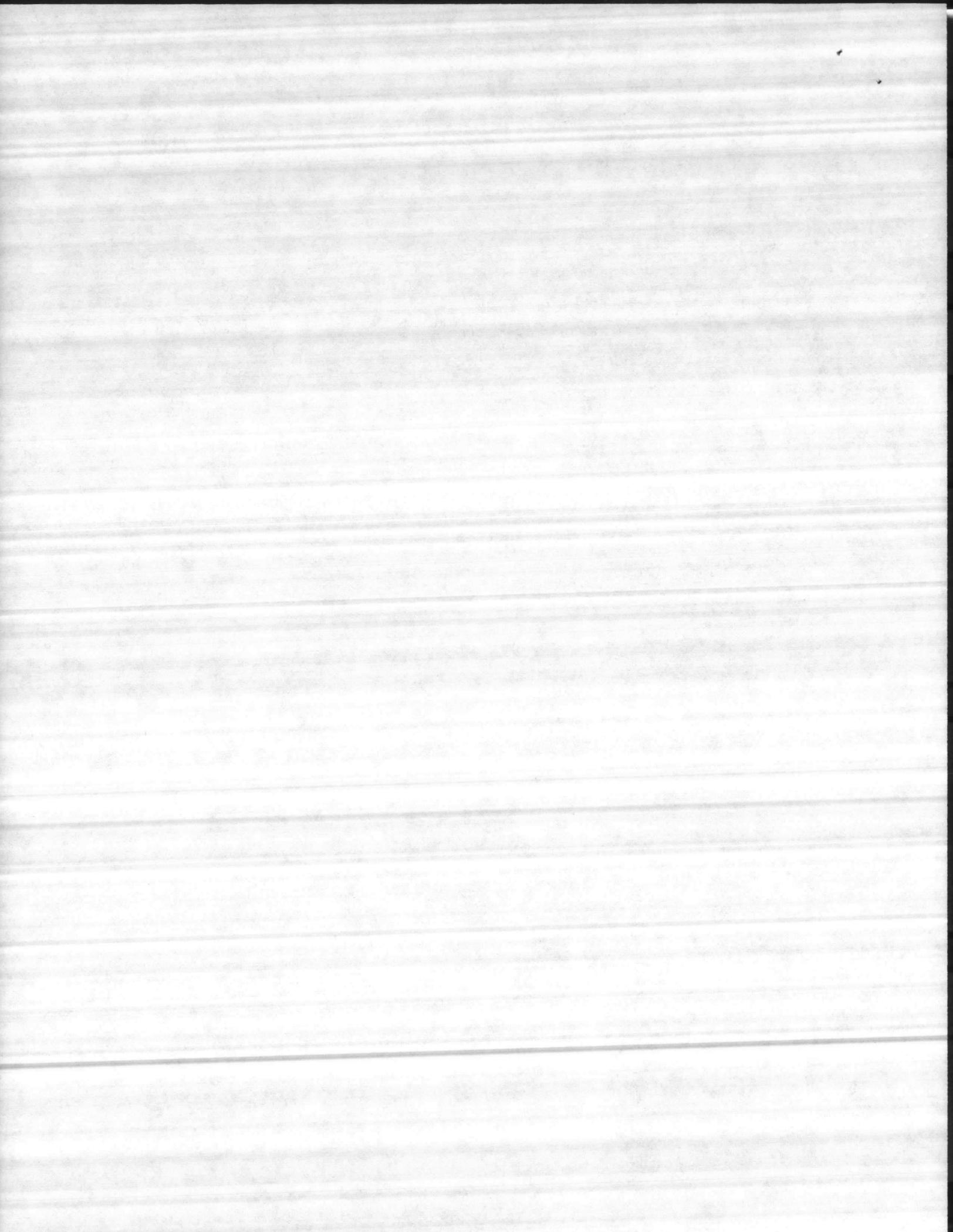
Subj: PREPARATION OF ENVIRONMENTAL DOCUMENTS FOR FY-89 MILITARY CONSTRUCTION  
PROJECTS (MCON)

Ref: (a) BO 11000.1B  
(2) CG, 2d MarDiv ltr 11000 G-4 FAC of 15 Jul 1986

Encl: (1) Request for Environmental Impact Review, Format and Procedures for  
Submission of

1. As requested by reference (b), enclosure (1) is submitted in the format provided in reference (a) for appropriate action.
2. Point of Contact at this headquarters is Captain C.A. PERRY at extension 2405.

*C. A. Perry*  
C. A. PERRY



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune

2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB, CamLej Attn: Mr Gene JONES, Chief, Planning Branch, Public Works Div., Ext. 1833.

3. Title and Brief Description of Proposed Action:

a. Title: Remotely Piloted Vehicle Maintenance Shop (P-873)

b. Project Description: Construct a reinforced concrete and masonry operation and maintenance facility with foundation, overhead doors, compressed air, fiberglass repair shop, paint shop, dust-free electronic maintenance space, sound proof engine test room, classroom/briefing room, locker and shower facilities, loading dock, maintenance bays, storage space for communication equipment, mount-out, and spare parts, oil water separator, security fencing and lighting, hazardous flammable storage, fire protection system, telephones with telephone switching equipment, air conditioning and utilities connected parking area for deployment and vehicle storage.

c. Project Purpose: This project will provide an operation and maintenance facility for the Second Remotely Piloted Vehicle Company, 2d MarDiv to perform first echelon maintenance on communication equipment, third and fourth echelon maintenance on Remotely Piloted Vehicle aircraft, avionics and support equipment.

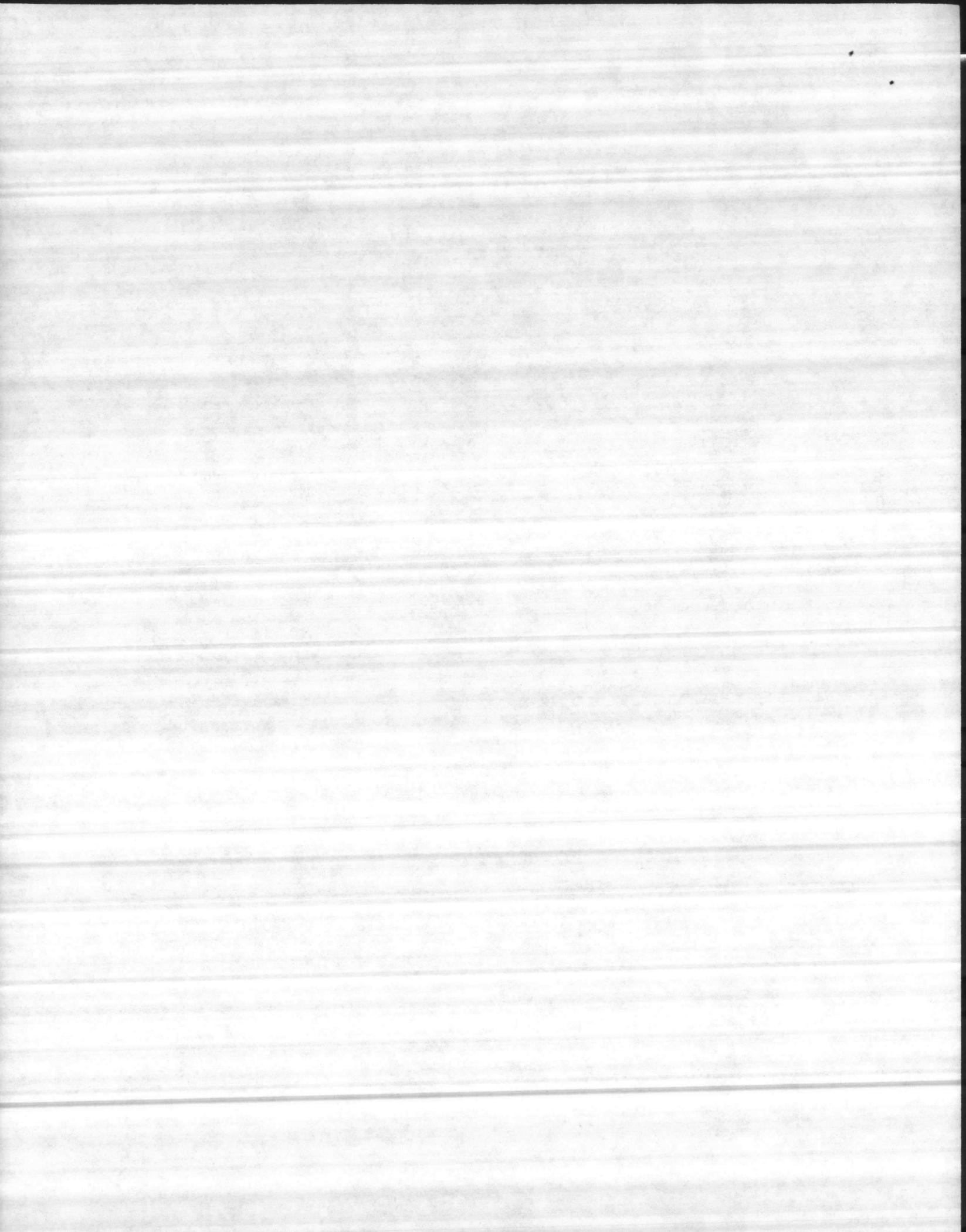
4. Location: The environmental impact of the location of the project has been documented in the current Base Master Plan. This building will be sited in the Industrial Area, near Building 1710 (See Enclosure (1)). The preferred site has been reviewed with Base Environmental Personnel. No significant environmental impact or loss of natural resources were identified with this proposed site.

5. Potential Environmental Impact/Considerations:

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? YES Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? UNK Will there be an increase in level of soil disturbance/damage to vegetation? UNK Will there be one acre or more of land cleared/disturbed? YES

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any excavation deeper than twenty feet? NO Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? NO Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? NO

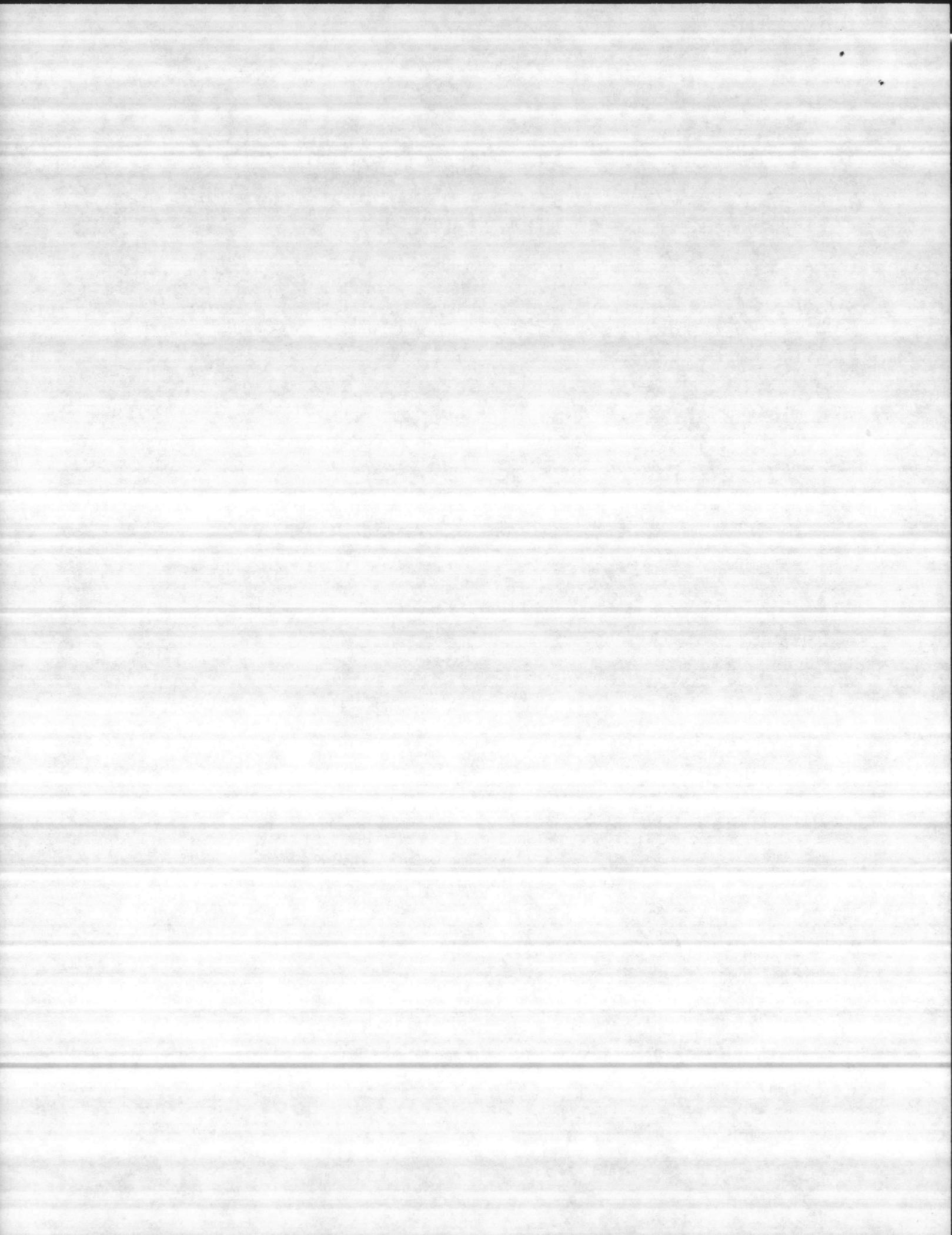


d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNK Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? UNK Will petroleum oil and lubricants be routinely stored or used at the site? YES Will the project increase rates of surface/storm water run-off? YES

e. Natural Resources: Will there be a loss of forest land? UNK Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? UNK Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? NO Will there be any increased demand on a local or state government to provide services? NO Will there be any changes to traffic flow and patterns on or off-base? NO Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? NO Is there any known controversy associated with the type of project or action proposed? NO Are there any historical or archaeological sites affected by project/action? NO

6. Conclusion: Based on the information provided above and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. The said facility is needed due to personnel being required to perform maintenance in substandard, improvised facilities. The present work conditions result in time consuming and inefficient operations with loss of work time, wasted effort, and less than optimum combat readiness.





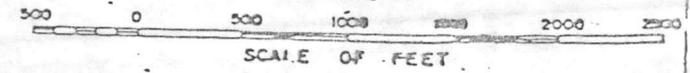
RIVER

HADNOT POINT AREA

CAMP LEJEUNE, NORTH CAROLINA

SHOWING CONDITIONS ON

JUNE 30, 1979



SCALE OF FEET

*[Signature]*  
ENGINEER, U.S. ARMY

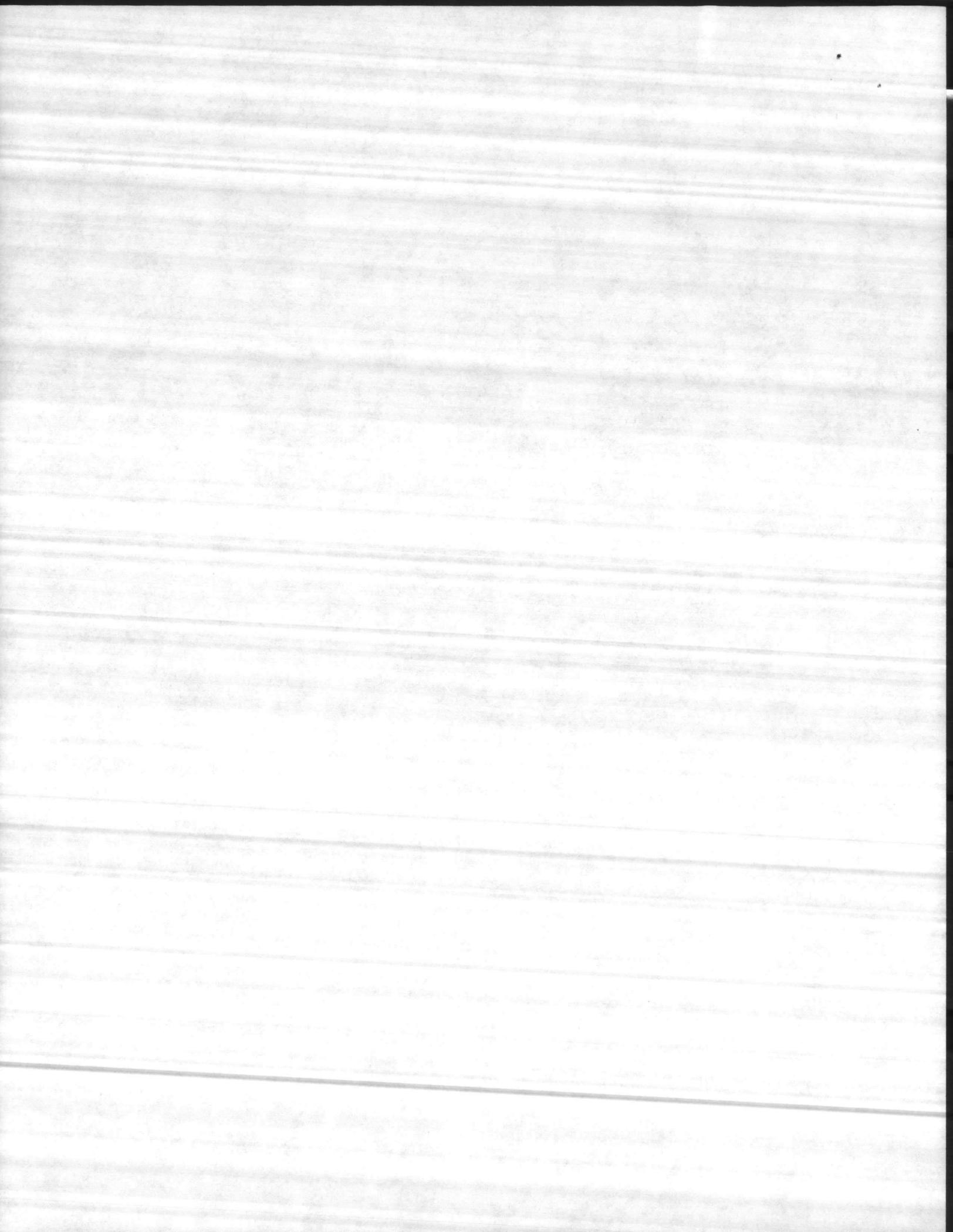
APPROVAL OFFICIAL: Date: 13 May 1986

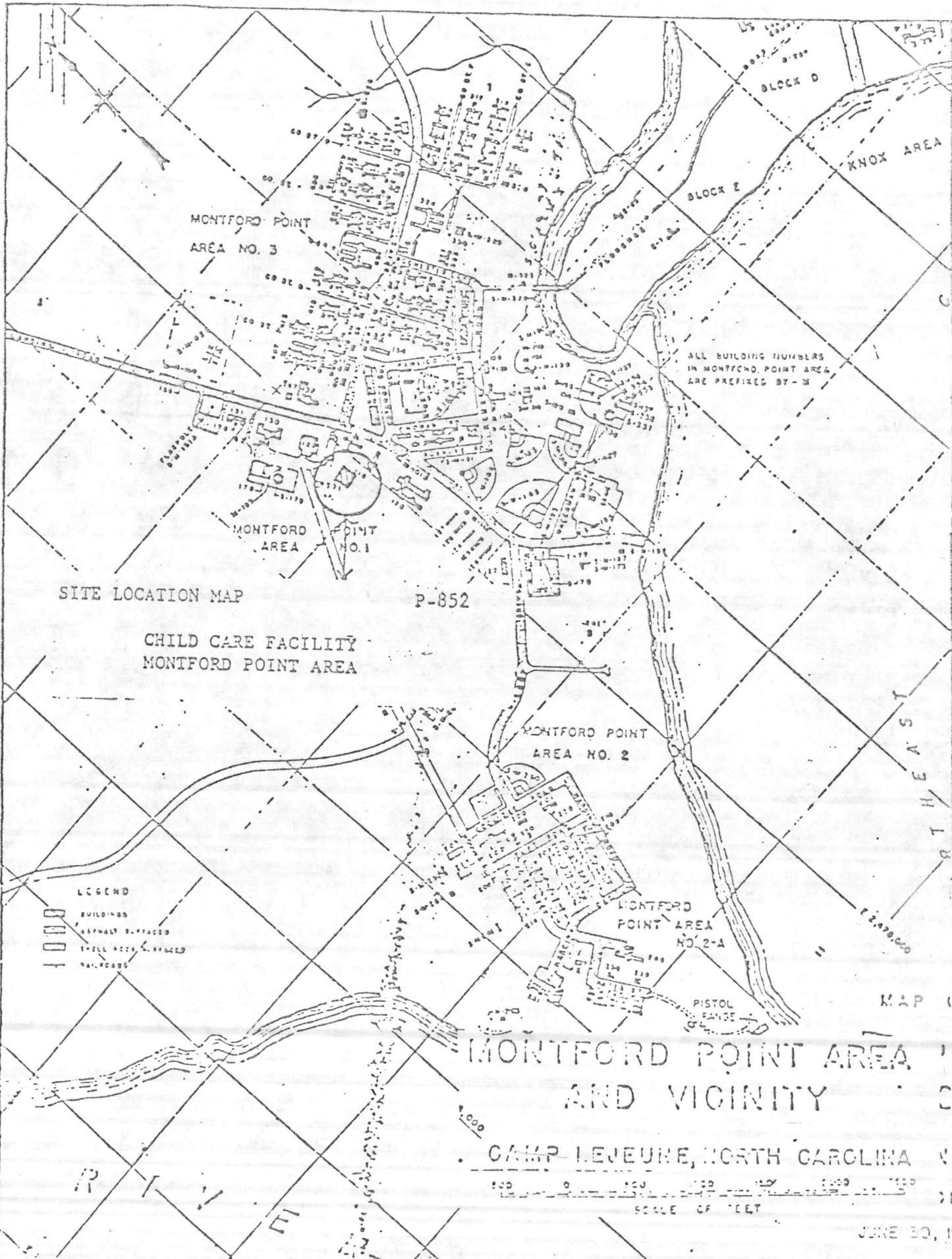
*T. J. Dalzell*

T. J. DALZELL, By direction

FOR LEGEND REFER TO SHEET 10-A.

ENC 1/1





MONTFORD POINT  
AREA NO. 3

BLOCK D

BLOCK E

KNOX AREA

ALL BUILDING NUMBERS  
IN MONTFORD POINT AREA  
ARE PREFIXED BY "M"

MONTFORD POINT  
AREA NO. 1

SITE LOCATION MAP

P-852

CHILD CARE FACILITY  
MONTFORD POINT AREA

MONTFORD POINT  
AREA NO. 2

MONTFORD POINT  
AREA NO. 2-A

PISTOL  
RANGE

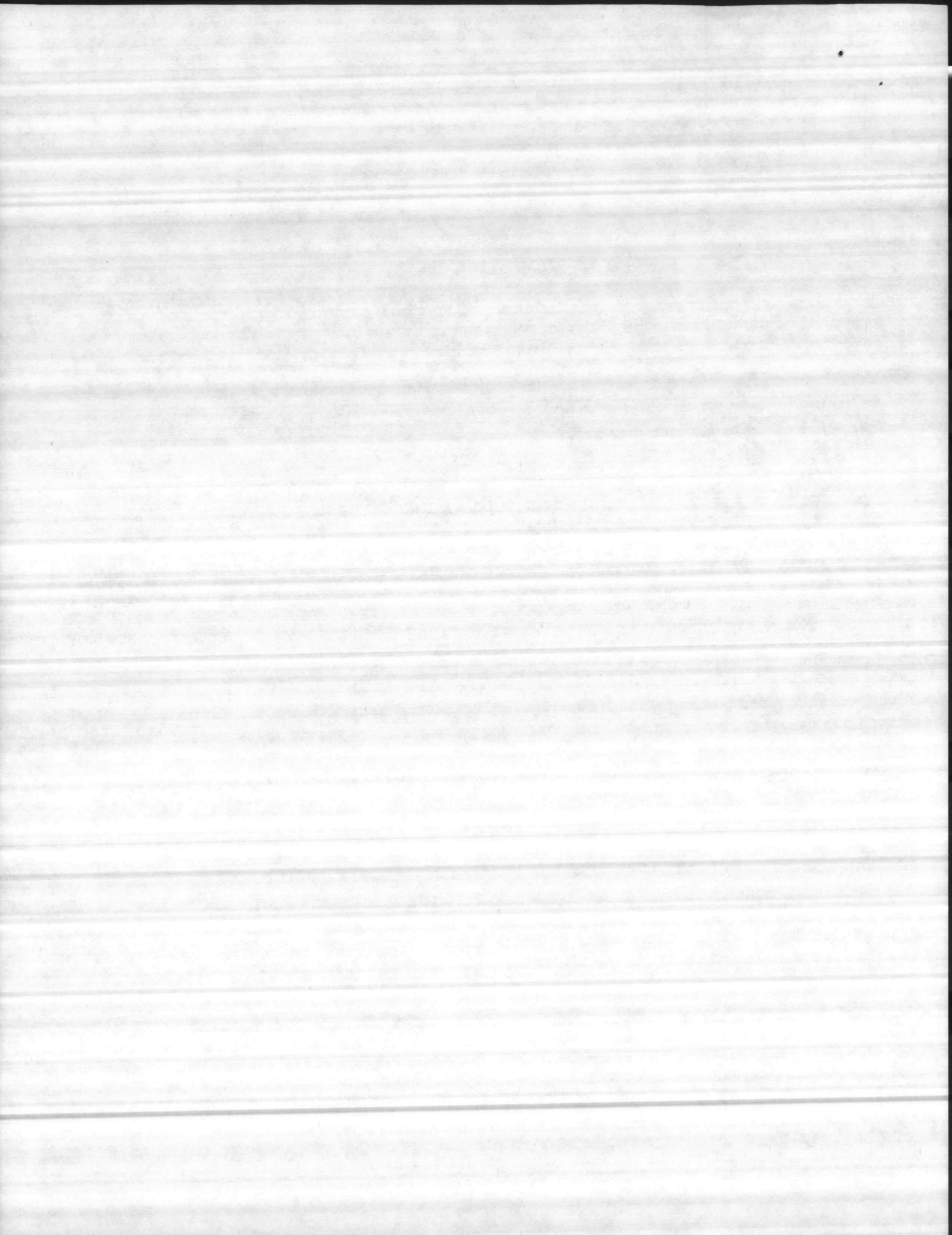
- LEGEND
-  BUILDINGS
  -  ASPHALT SURFACES
  -  SHELL ROAD SURFACES
  -  RAILROADS

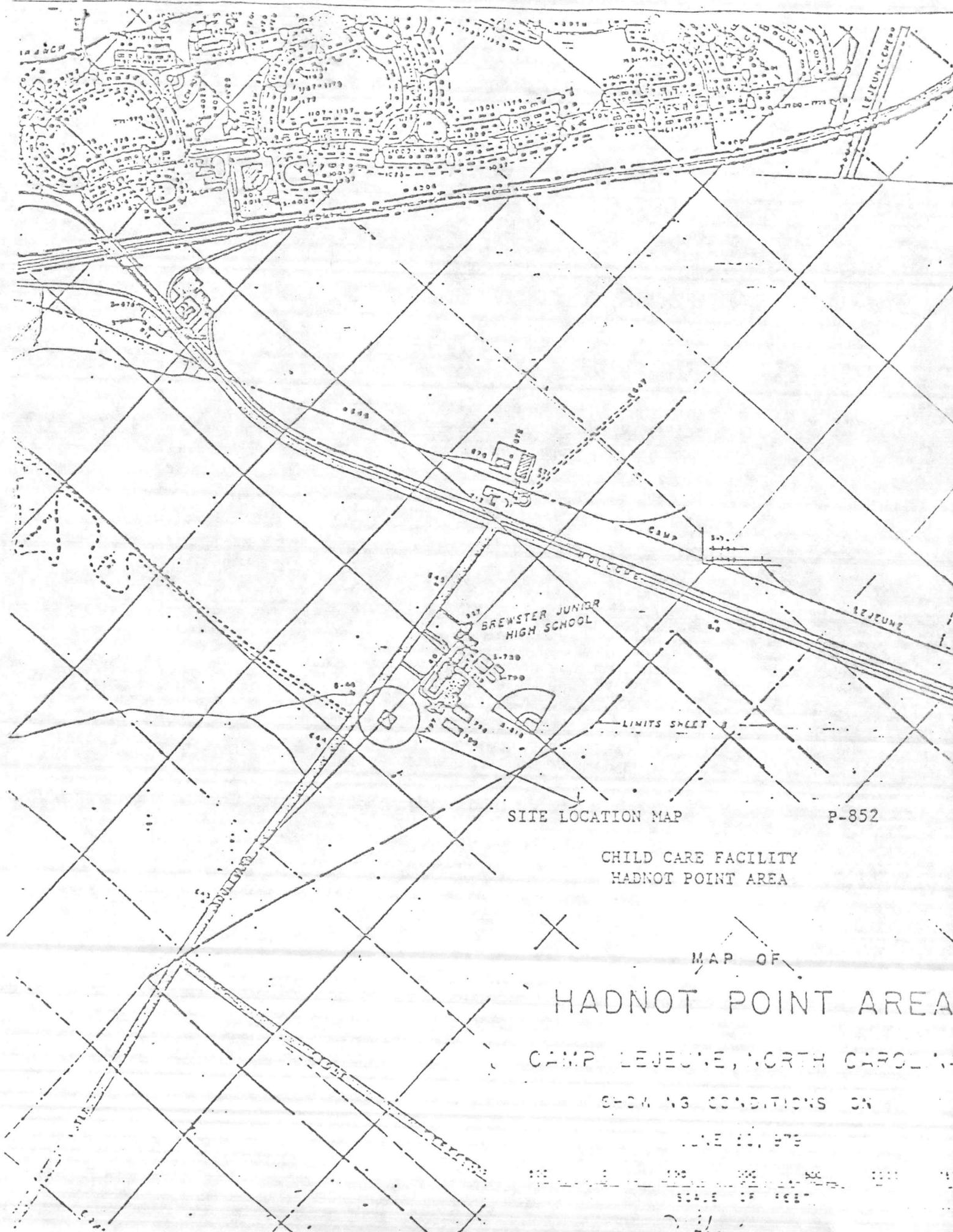
MONTFORD POINT AREA  
AND VICINITY

CAMP LEJEUNE, NORTH CAROLINA

SCALE OF FEET

JUNE 30, 1950





SITE LOCATION MAP

P-852

CHILD CARE FACILITY  
HADNOT POINT AREA

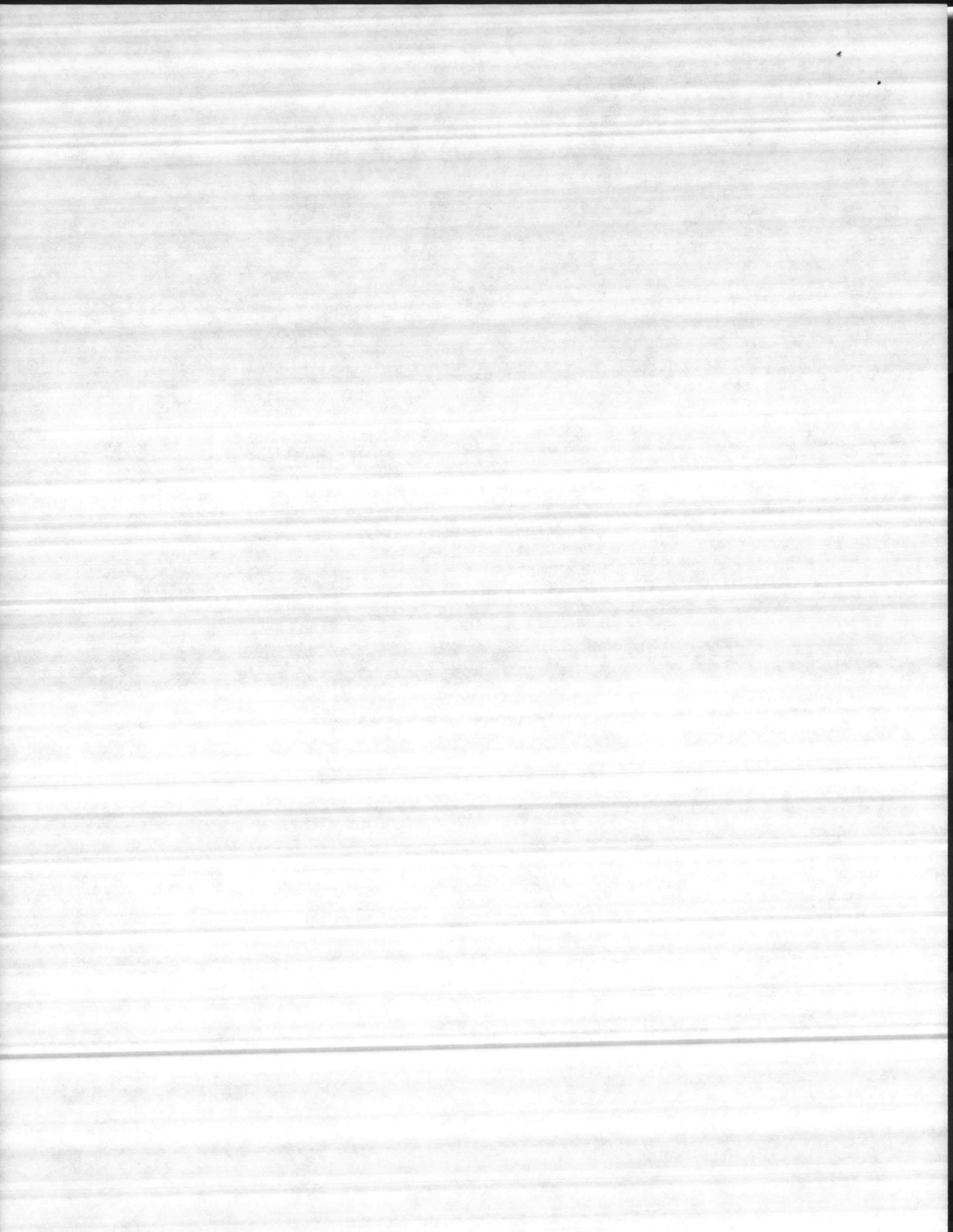
MAP OF  
HADNOT POINT AREA

CAMP LEJEUNE, NORTH CAROLINA

SHOWING CONDITIONS ON

JUNE 22, 1978

SCALE OF FEET



UNITED STATES MARINE CORPS  
Marine Corps Service Support Schools  
Marine Corps Base  
Camp Lejeune, North Carolina 28542-5050

1000/196/2  
204  
2 Sep 86

From: Commanding Officer, Marine Corps Service Support Schools  
To: Commanding General, Marine Corps Base, Camp Lejeune, North  
Carolina 28542-5050 (Attn: AC/S Facilities attn: Mr  
Alexander)

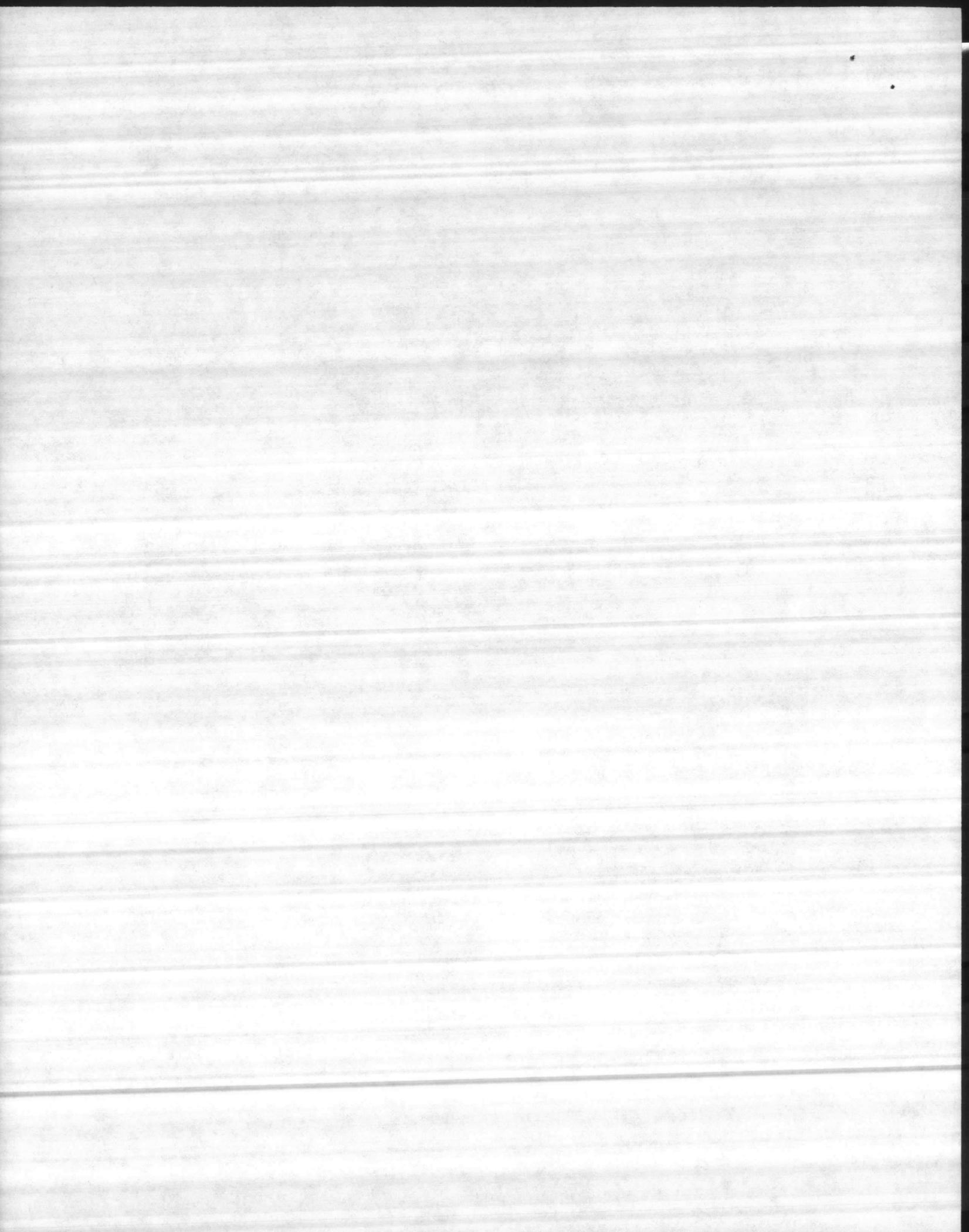
Subj: ENVIRONMENTAL IMPACT REVIEW

Ref: (a) CG, MCB CLNC ltr 6280 over FAC dtd 3 July 86

Encl: (1) Request for Environmental Review

1. As requested by the reference, enclosure (1) is submitted.

*N. A. Baker*  
N. A. BAKER  
By direction



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB, CamLej  
Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Div., Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

MECHANICS TRAINING BUILDING (INCREMENT 3)

I. PROJECT DESCRIPTION

Construct a permanent masonry building to accommodate applied instruction for the Motor Transport School, which encompasses automotive intermediate maintenance courses in gasoline and diesel engines, fuel and electrical, power transmission and other vehicle related courses. The building will consist of wall bearing masonry structure, reinforced concrete floor, interior masonry partitions, steel joists, metal roof decking, roof insulation and built-up roofing, and special wall treatment to suppress sound transmissions; heating, ventilation, and air conditioning; exterior utilities, paving, and site improvements.

II. PROJECT PURPOSE

Provide adequate facilities for training military personnel in 2nd, 3rd, and 4th echelon maintenance of Marine Corps equipment. Both academic and applied instruction will be accomplished in this facility. This is the only formal mechanics school in the Marine Corps. It employs 64 full-time instructors and instructs over 1,580 students annually. The present facilities are used to capacity, and it is anticipated that the workload will increase as the new Field Logistic System is introduced into the Marine Corps.

III. SITE SELECTION

The environmental impact of location of the project has been documented in the current Base Master Plan. (This facility is the last of three increments of construction to provide a new Motor Transport School. This increment is located at the same site as the two previous projects, and no additional environmental impact is anticipated.

IV. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. This facility and the other increments will replace the existing mechanics training school which is currently being accomplished in converted 40 year-old storage facilities, mess halls, barracks and a varied assortment of other structures. This facility will provide immeasurable enhancement in this instruction of entry, intermediate and advance level courses, and increase the caliber of motor transport personnel throughout the Marine Corps.

1 May 1984

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? YES Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? YES Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? No Will there be an increase in level of soil disturbance/damage to vegetation? YES Will there be one acre or more of land cleared/disturbed? YES

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? UNKNOWN Will there be any wells dug or any excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? YES Will there be a net increase of solid waste caused by implementing the project/action? No Will the project or action be carried out within 200 feet of a drinking water supply well? UNKNOWN

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNKNOWN Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? YES Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? No Will petroleum oil and lubricants be routinely stored or used at the site? YES Will the project increase rates of surface/storm water run-off? YES

e. Natural Resources: Will there be a loss of forest land? No Will public access for hunting, boating, fishing, etc., be restricted? No Is there a change in land use from what is presently shown in Base Master Plan? No Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? No

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? YES Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)

May 1964

## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, 2d Force Service Support Group (Rein)
2. Name, Address, Phone Number of Point of Contact: AC/S, G-4 Facilities, 2d FSSG  
Attn: Maj Bancroft, Facilities Officer Ext: 3456/1042

3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

MESS HALL ADDITION, FRENCH CREEK AREA (P-841)

1. PROJECT DESCRIPTION

Construct a mini-galley, serving lane and fast food dining area as an addition to Dining Facility FC-540. The construction will consist of reinforced concrete foundation, masonry walls, structural steel framing, interior support systems to include heating, ventilation, air conditioning, fire alarm, kitchen and refrigeration equipment, paved access road, utility connections and energy conservation features.

2. PROJECT PURPOSE

This project will provide a fast food eat-in dining area and fast food take-out with drive-thru service lane to support additional personnel working and living in French Creek.

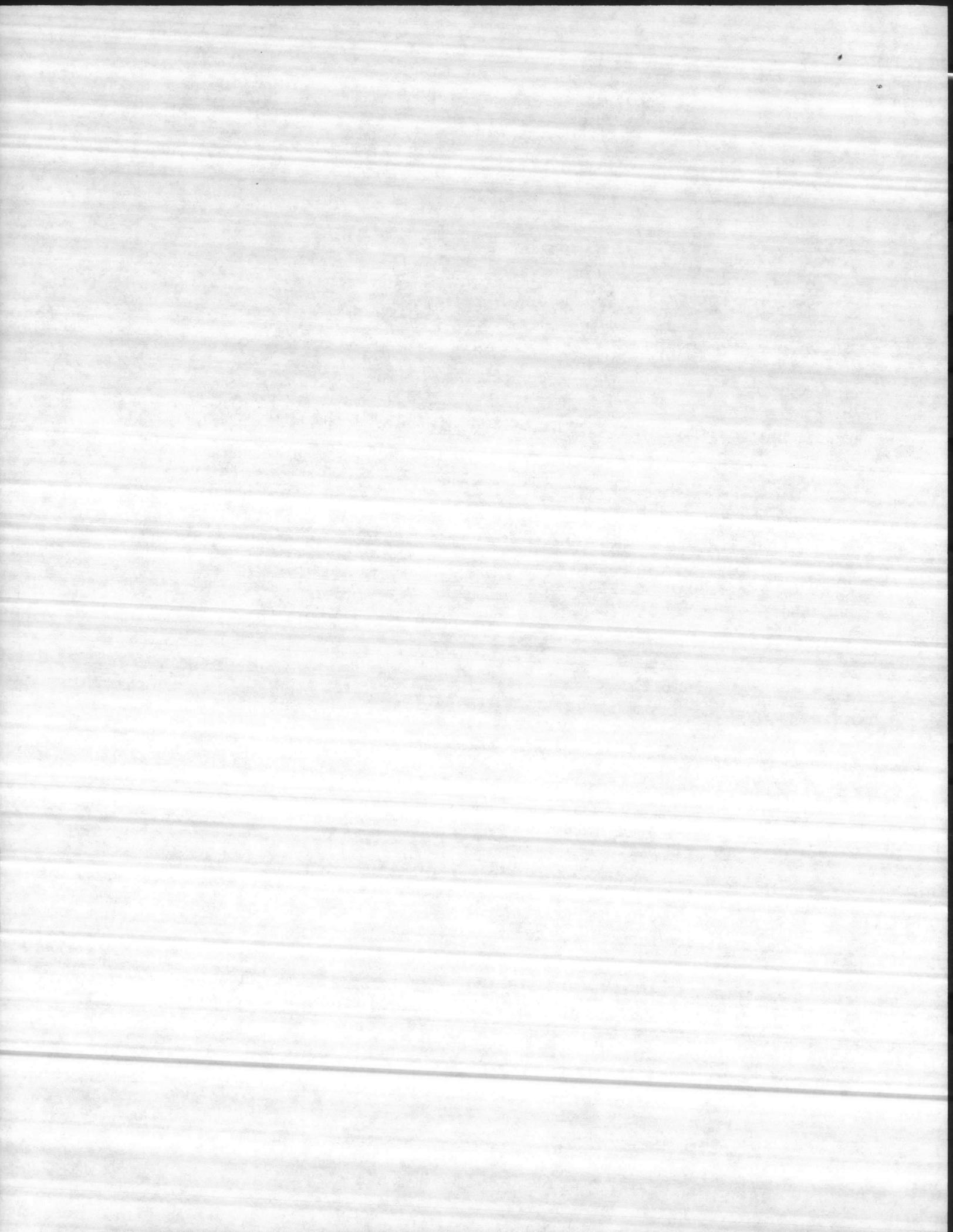
3. SITE LOCATION

The environmental impact of the project has been documented in the current Base Master Plan. This project will be sited in the French Creek area (See enclosure (1)). No significant environmental impact or loss of natural resources were identified with this proposed site.

4. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. This facility is needed due to the increases of personnel living and working in French Creek. Without this project, troops will continue to be fed in over crowded facilities which has cut into valuable training and operational time and jeopardize combat readiness.

ENCLOSURE (1)



4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? NO Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? UNKNOWN Will there be an increase in level of soil disturbance/damage to vegetation? UNKNOWN Will there be one acre or more of land cleared/disturbed? UNKNOWN

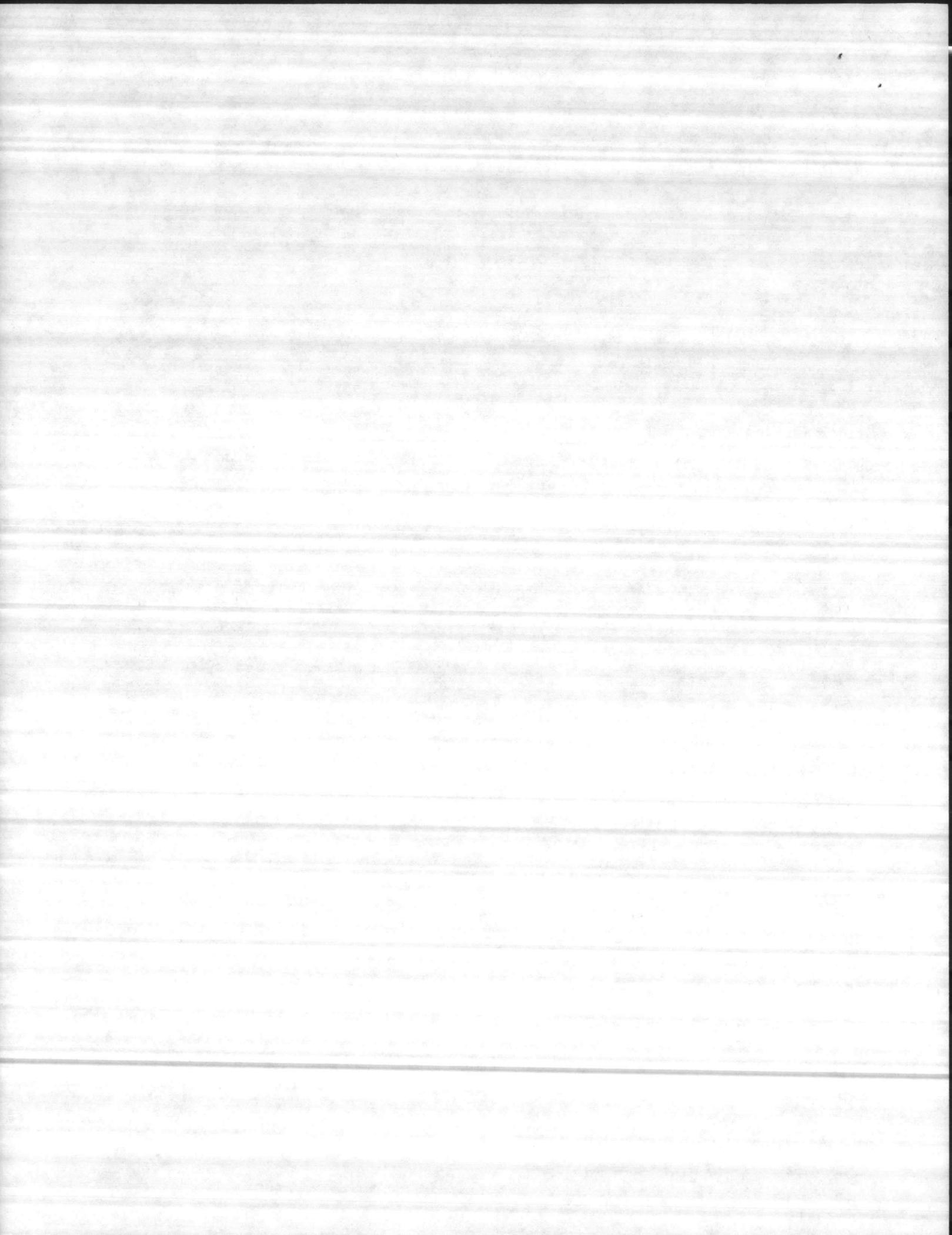
c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any excavations deeper than twenty feet? UNKNOWN Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? NO Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? UNKNOWN

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNKNOWN Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? NO Will petroleum oil and lubricants be routinely stored or used at the site? NO Will the project increase rates of surface/storm water run-off? UNKNOWN

e. Natural Resources: Will there be a loss of forest land? NO Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

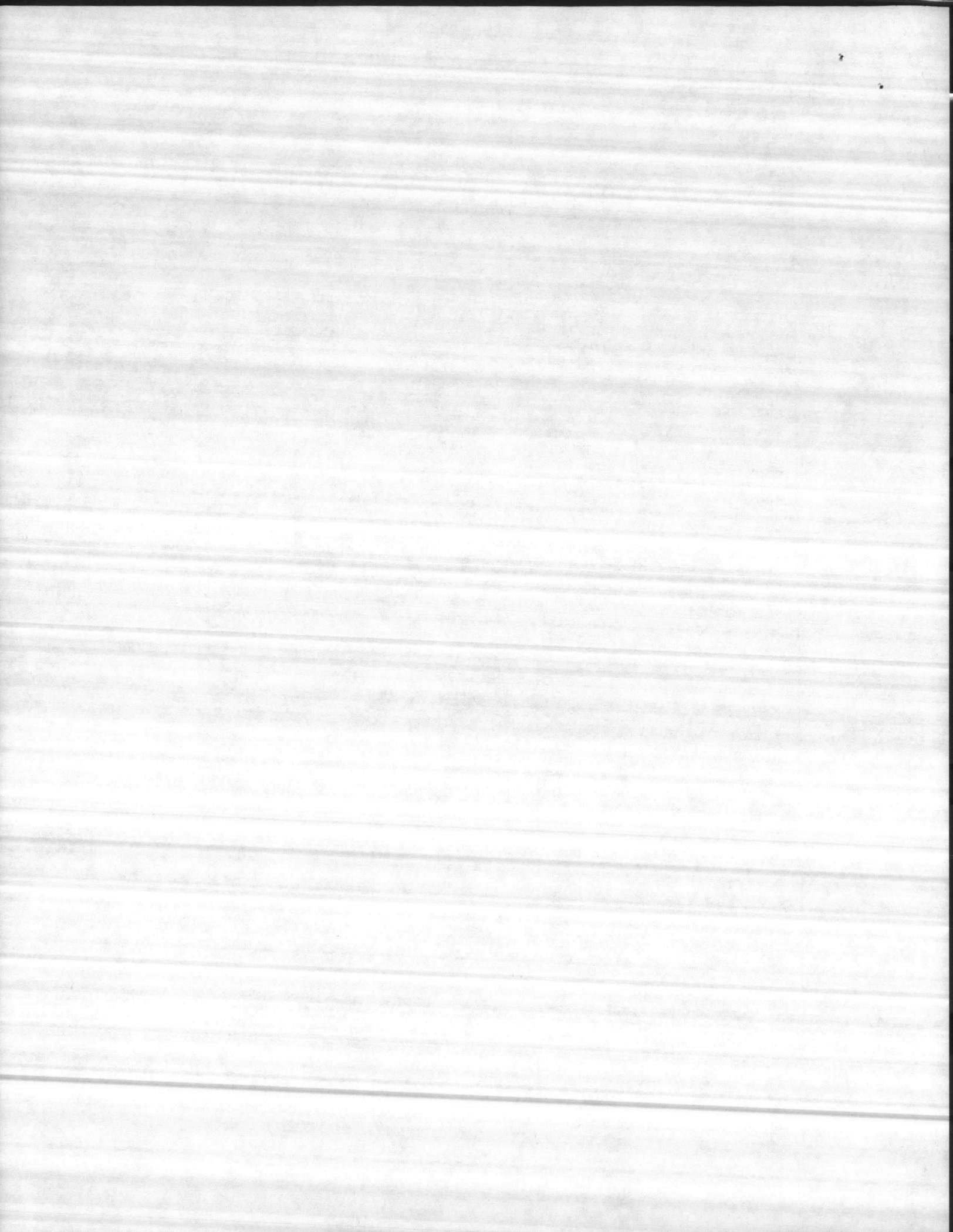
f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? NO Will there be any increased demand on a local or state government to provide services? NO Will there be any changes to traffic flow and patterns on or off-base? NO Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? NO Is there any known controversy associated with the type of project or action proposed? NO Are there any historical or archaeological sites affected by project/action? NO

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.



1. COMPONENT MARINE CORPS		FY 19 <sup>89</sup> MILITARY CONSTRUCTION PROJECT DATA			2. DATE 20 Feb 86	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542			4. PROJECT TITLE MESS HALL ADDITION, FRENCH CREEK AREA			
5. PROGRAM ELEMENT	6. CATEGORY CODE 722-10	7. PROJECT NUMBER P-841	8. PROJECT COST (\$000) 1,850			
Escalated to April 1989		9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)		
ADDITION TO MESS HALL FC-540	SF	8,320	-	1,466		
Fast Food Area (Dining, Galley, etc.)	SF	8,120	133.50	(1,084)		
Convert Existing Area to Fast Food use	SF	200	85	(17)		
Built-in Equipment				(365)		
SUPPORTING FACILITIES				85		
Utilities	-	-	-	(25)		
Site Improvements	-	-	-	(35)		
Pavements (Parking, Sidewalks & Roads)	-	-	-	(15)		
Special Construction Features	-	-	-	(10)		
SUBTOTAL	-	-	-	1,551		
CONTINGENCY (5%)	-	-	-	155		
TOTAL CONTRACT COST	-	-	-	1,706		
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)	-	-	-	94		
TOTAL REQUEST	-	-	-	1,800		
EQUIPMENT FROM OTHER APPROPRIATIONS	-	(Non-Add)		0		
*Project cost escalated by 3.70% for FY-89 cost.				*1,866		
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
Construct a mini-galley, serving lane and fast food dining area as an addition to Dining Facility, FC-540. Construction to consist of reinforced concrete foundation, masonry walls, structural steel framing, interior support systems (i.e., heating, ventilation, air conditioning, fire alarm, kitchen and refrigeration equipment, etc.), paved access road, utility connections and energy conservation features. Match existing architectural motif.						
Air Conditioning: 25 Tons.						
11. REQUIREMENT: 6,008 PN ADEQUATE: 4,629 PN SUBSTANDARD: 0 PN						
PROJECT: Construct an addition to Dining Facility FC-540, to include a fast food mini-galley, 188 seat fast food eat-in dining area and fast-food take-out with drive-thru service lane.						
REQUIREMENTS: French Creek is a separate self-contained area at Camp Lejeune where all 2d FSSG personnel live and work. The population has doubled there in the past eight years. The population is now more than 10,000 Marines, of which 6,008 are eligible for messing. Only enough space exists to feed 4,629 personnel. This planned addition to Dining Facility FC-540 will accommodate the personnel scheduled to occupy barracks facilities due to be completed in FY-87.						
CURRENT SITUATION: Approximately one and one half Battalions are sharing living and messing facilities in Hadnot Point, an adjacent area. Barracks for these personnel are now under construction in the French Creek Area. They will be completed and occupied in the summer of FY-87.						

Enclosure (11)



1. COMPONENT MARINE CORPS	FY 19 <sup>89</sup> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
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3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542
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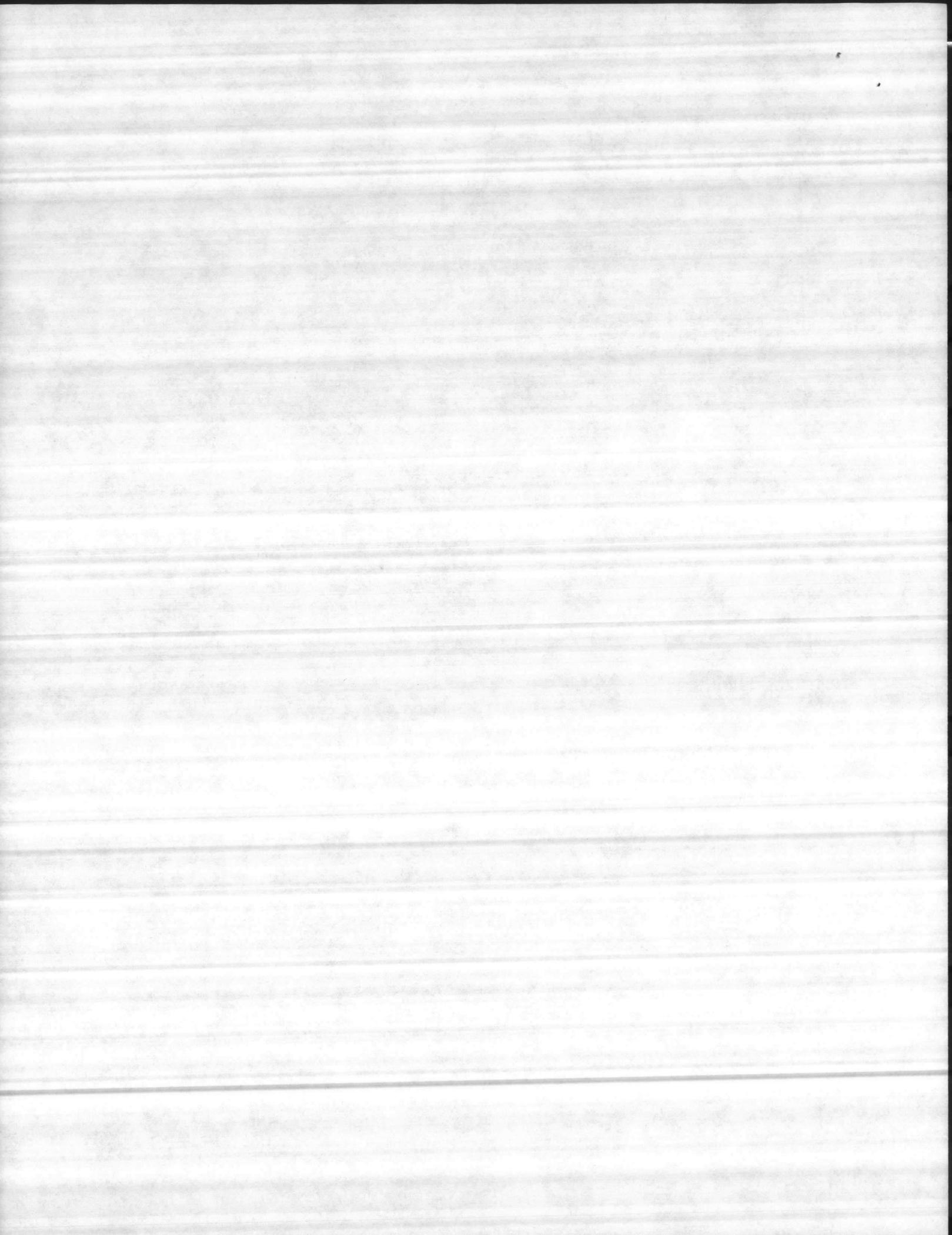
4. PROJECT TITLE MESS HALL ADDITION, FRENCH CREEK AREA	5. PROJECT NUMBER P-841
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11. REQUIREMENT: (cont'd)..

IMPACT IF NOT PROVIDED: Troops will have to be fed in overcrowded facilities and/or bussed or marched to other areas for messing, cutting into valuable training and operational time and jeopardizing combat readiness.

SPECIAL CONSIDERATIONS

1. Pollution Prevention, Abatement, and Control. This project will not cause additional air or water pollution.
2. Flood Hazard Evaluation. Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.
3. Environmental Impact. The project Environmental Impact Assessment will be made, reviewed, and where required, the design concepts will be given consideration to eliminating adverse environmental effects consistent with applicable directives.
4. Fallout Shelter Construction. Fallout shelter protection is not incorporated in this project.
5. Design for Accessibility of Physically Handicapped Personnel. Provisions for physically handicapped personnel are not required in this project.
6. Use of Air Conditioning. Ceiling "U" factors will be made to conform with DOD 4270.1-M.
7. Preservation of Historical Sites and Structures. This project does not directly or indirectly affect a district, site, building, structure, object or setting which is listed in the National Register or otherwise possesses a significant quality of American history.
8. "New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76). Not applicable.



1. COMPONENT MARINE CORPS	FY 1989 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
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3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542
---

4. PROJECT TITLE MESS HALL ADDITION	5. PROJECT NUMBER P-841
--	----------------------------

FACILITY STUDY

1. PROJECT. - Construct an addition to Dining Facility FC-540 to include a fast food mini-galley, 188 seat fast food eat-in dining area, and fast food take-out with drive-thru service.

2. CURRENT AND PLANNED FUTURE WORKLOAD WITH REGARD TO THIS PROJECT. This facility will be utilized 24 hours daily, seven days a week. The duration of need is indefinite. This addition will accommodate additional messing.

3. DESCRIPTION OF PROPOSED CONSTRUCTION.

a. Type of Construction. Construct an addition to FC-540. Construction will include pile and reinforced concrete foundation, masonry walls, open web steel joist and built-up roof. Total area includes space for mini-galley and serving line for fast food service, dish washing, food storage and preparation, toilet, locker areas, and mechanical equipment space. Parking areas, roads, sidewalks, loading dock, and clean area are included. All utilities connected. Architectural motif compatible with existing facility.

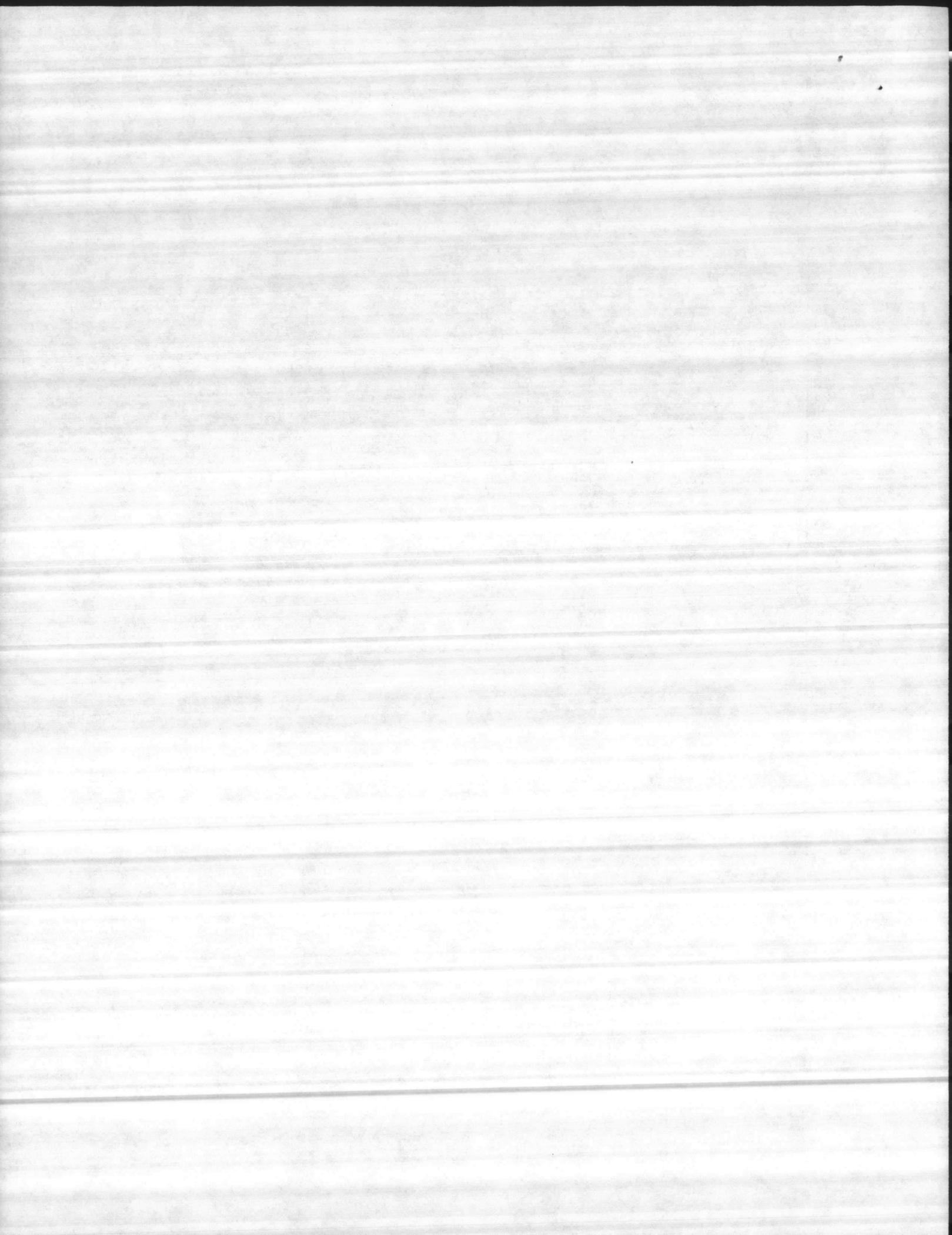
b. Replacement. This project does not replace any existing facilities.

c. Description of Work to Be Done

(1) Primary Facility. Construct an addition to Dining Facility FC-540. Add a mini-galley and serving line for fast food service.

(2) Energy Conservation. This project will utilize energy efficient equipment and building orientation for maximum energy conservation.

(3) Collateral Equipment. See pages 2-5.



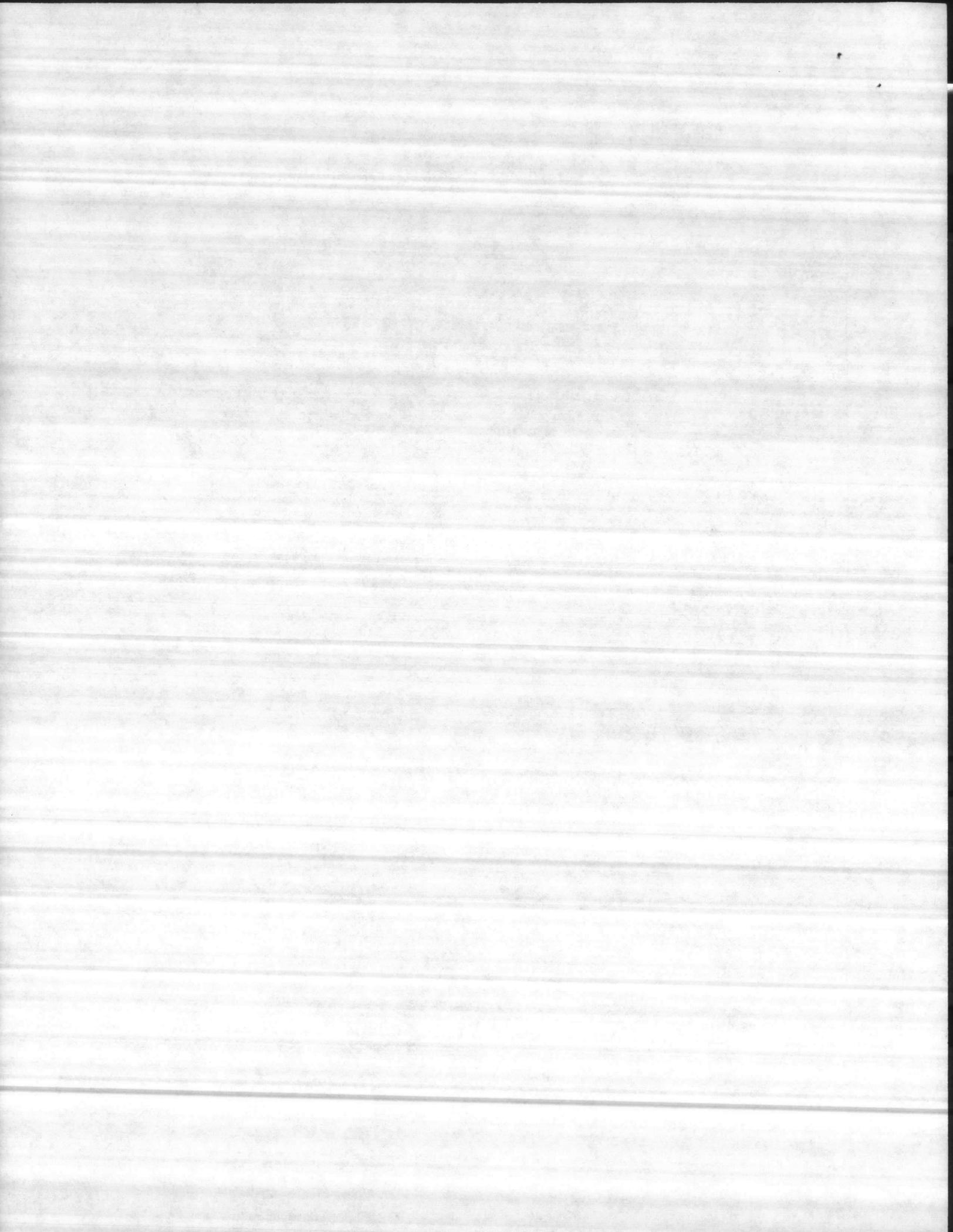
1. COMPONENT MARINE CORPS		FY 19 <sup>89</sup> MILITARY CONSTRUCTION PROJECT DATA			2. DATE 20 Feb 86	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA						
4. PROJECT TITLE MESS HALL ADDITION				5. PROJECT NUMBER P-841		
COG. SYMBOL & FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST	
<u>BUILT-IN EQUIP- MENT TO BE MCON FUNDED</u>						
<u>SHORT ORDER SERVING LINE</u>						
Tom Davis Co., Atlantic Bch, NC	Counter Front w/tray slide	1	Ea		Contractor	
Gaylord Model "C"	Ventilation Hood for Counter	1	Ea		Contractor	
Tom Davis Co., Atlantic Bch, NC	Hot Food Unit (steam table)	1	Ea		Contractor	
Tom Davis Co., Atlantic Bch, NC	Work Table, 30" X 30"	1	Ea		Contractor	
		1	Ea		Contractor	
<u>WORK AREA</u>						
Scotsman HC800 (Bin B-60)	Ice Cuber w/ storage bin	2	Ea		Contractor	
Traulsen-Model RRI-1-32-LUT	Refrigerator Cabinet, roll- thru (double)	2	Ea		Contractor	
Traulsen-Model RIH-2-32-L	Warmer cabinet, roll-thru (single)	2	Ea		Contractor	
Posteroid Corp. (BV-602)	Menu Board	1	Ea	800	800	
<u>POT-PAN WASH AREA</u>						
	Scullery Sink w/ drainboards	1	Ea		Contractor	
Metal Wash- Model RT-42BC	Corner Washer (pot & pan)	1	Ea		Contractor	
	Counter/Clean Gear Table	1	Ea		Contractor	
Chicago Faucets- Model B-13	Prerinse Unit	1	Ea		Contractor	
	Scullery Sink w/ disposal	1	Ea		Contractor	
	Wash Table w/ disposal	1	Ea		Contractor	

FORM 100-10310

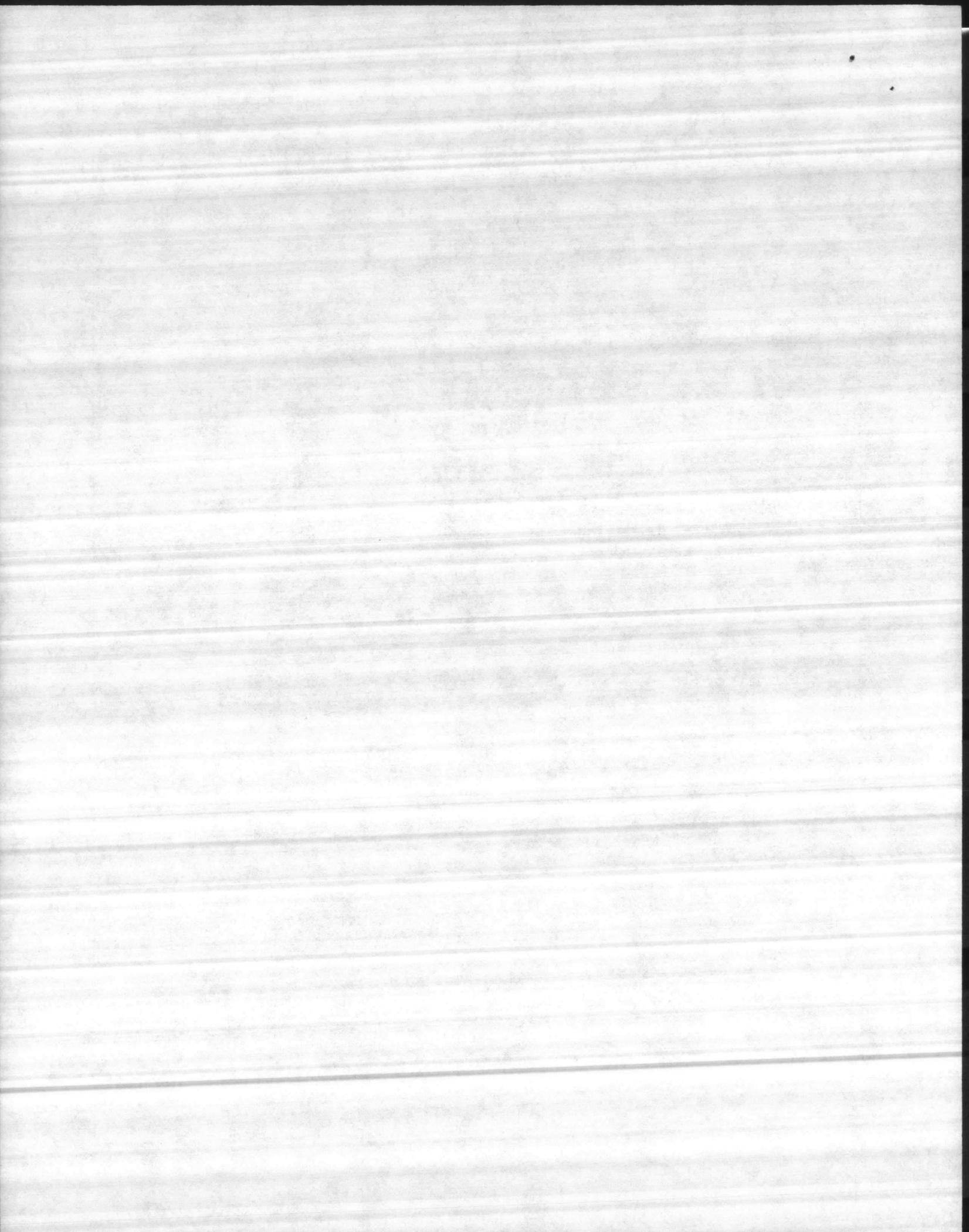
PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 2 OF 7

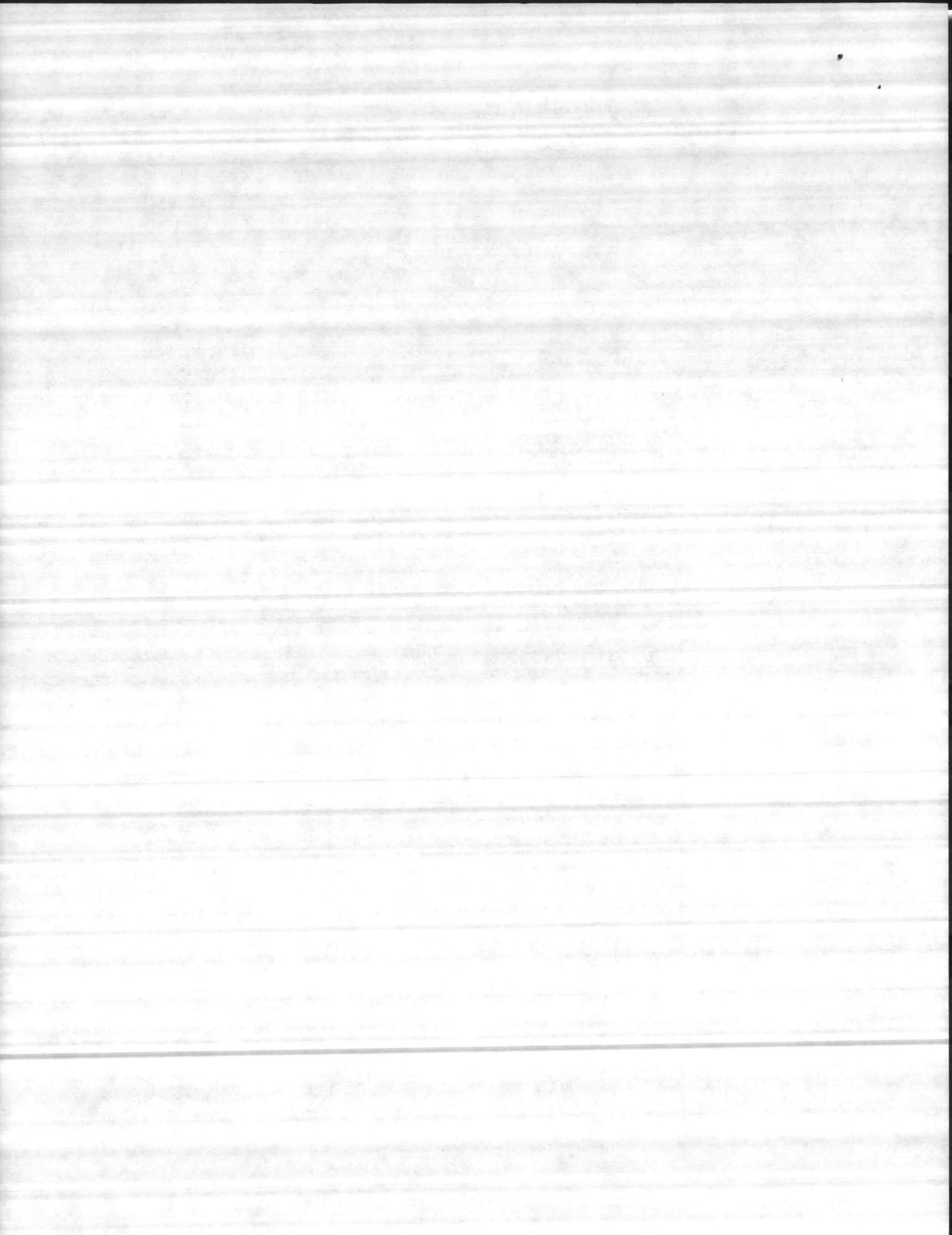
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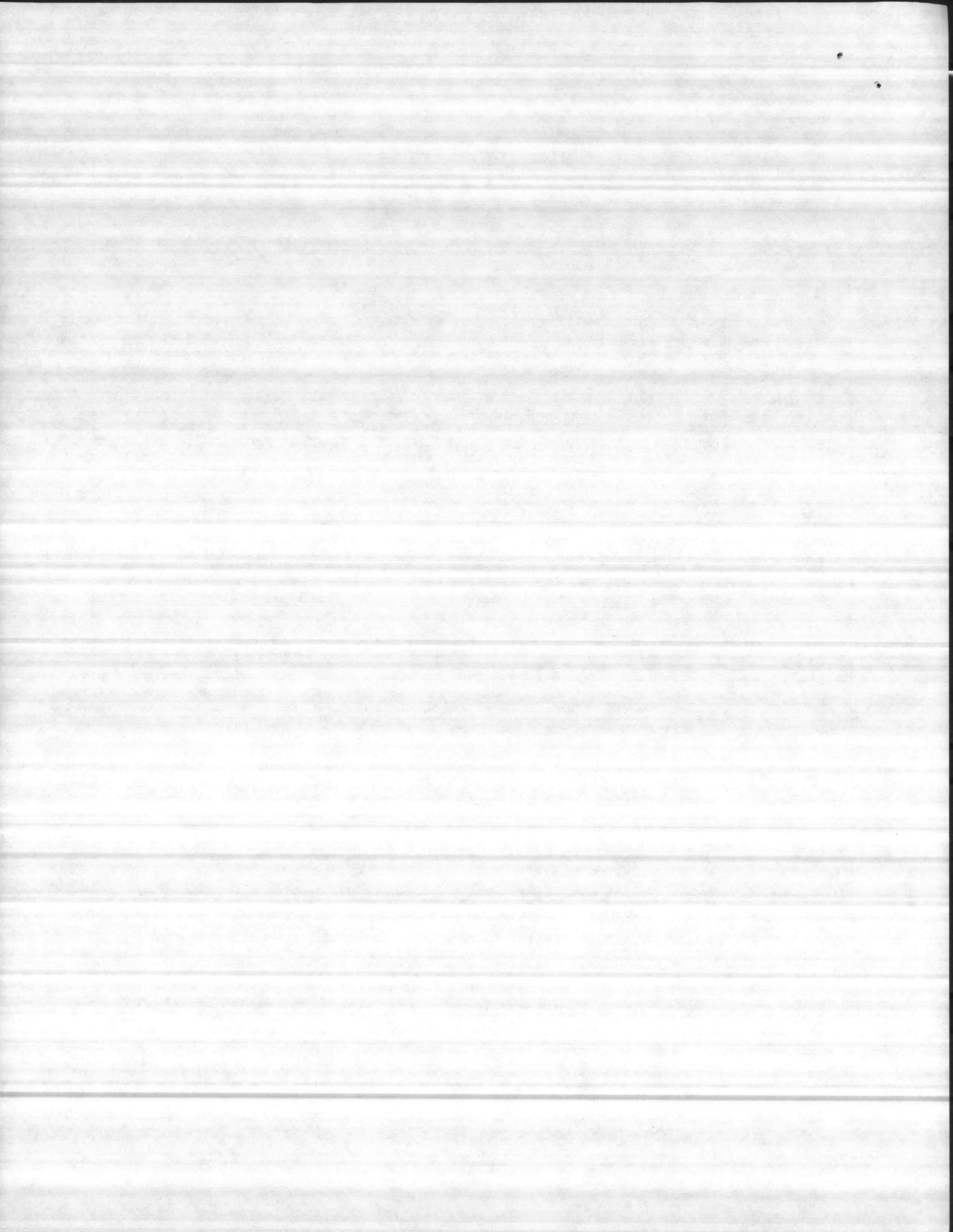


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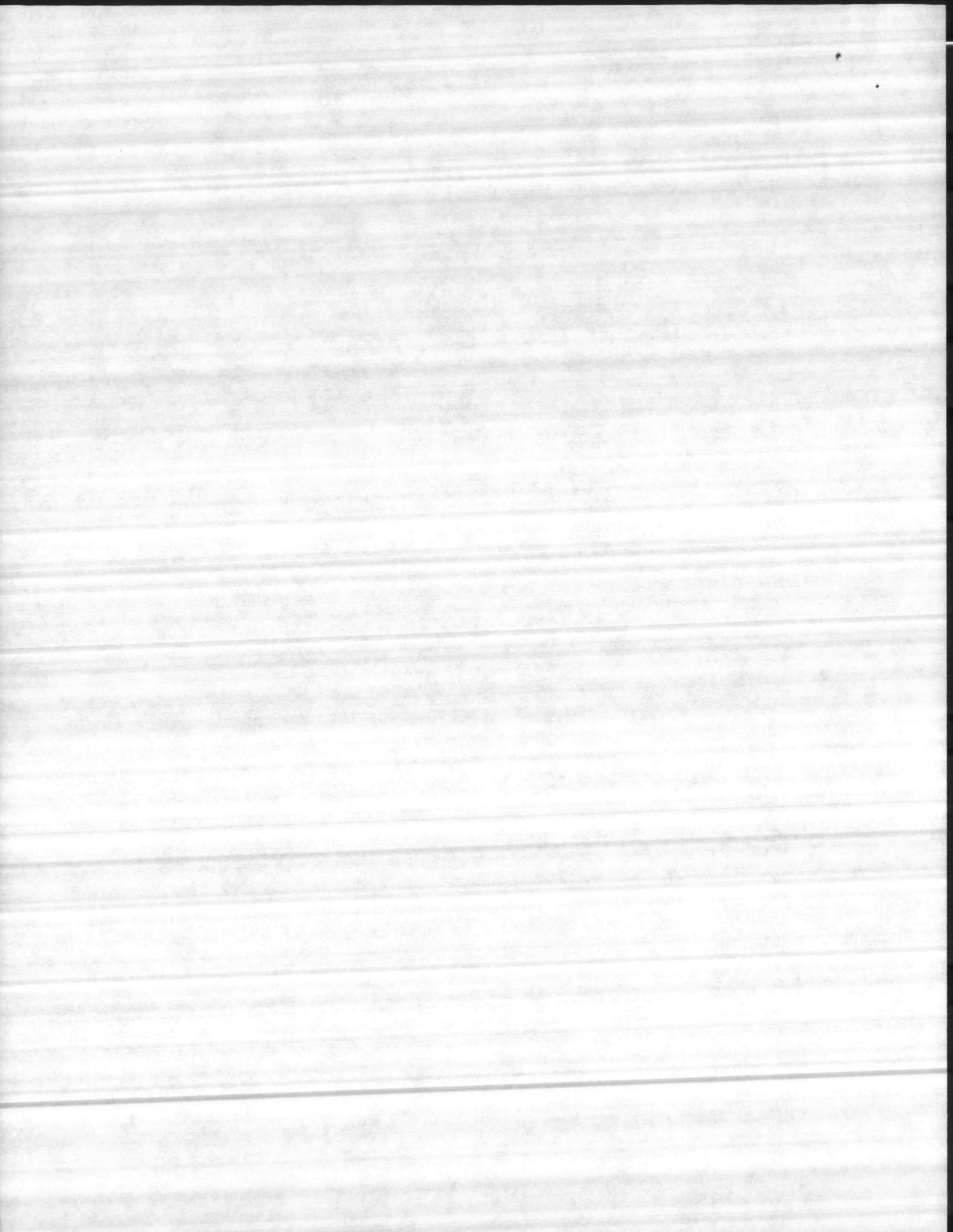
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4. PROJECT TITLE MESS HALL ADDITION	5. PROJECT NUMBER P-841
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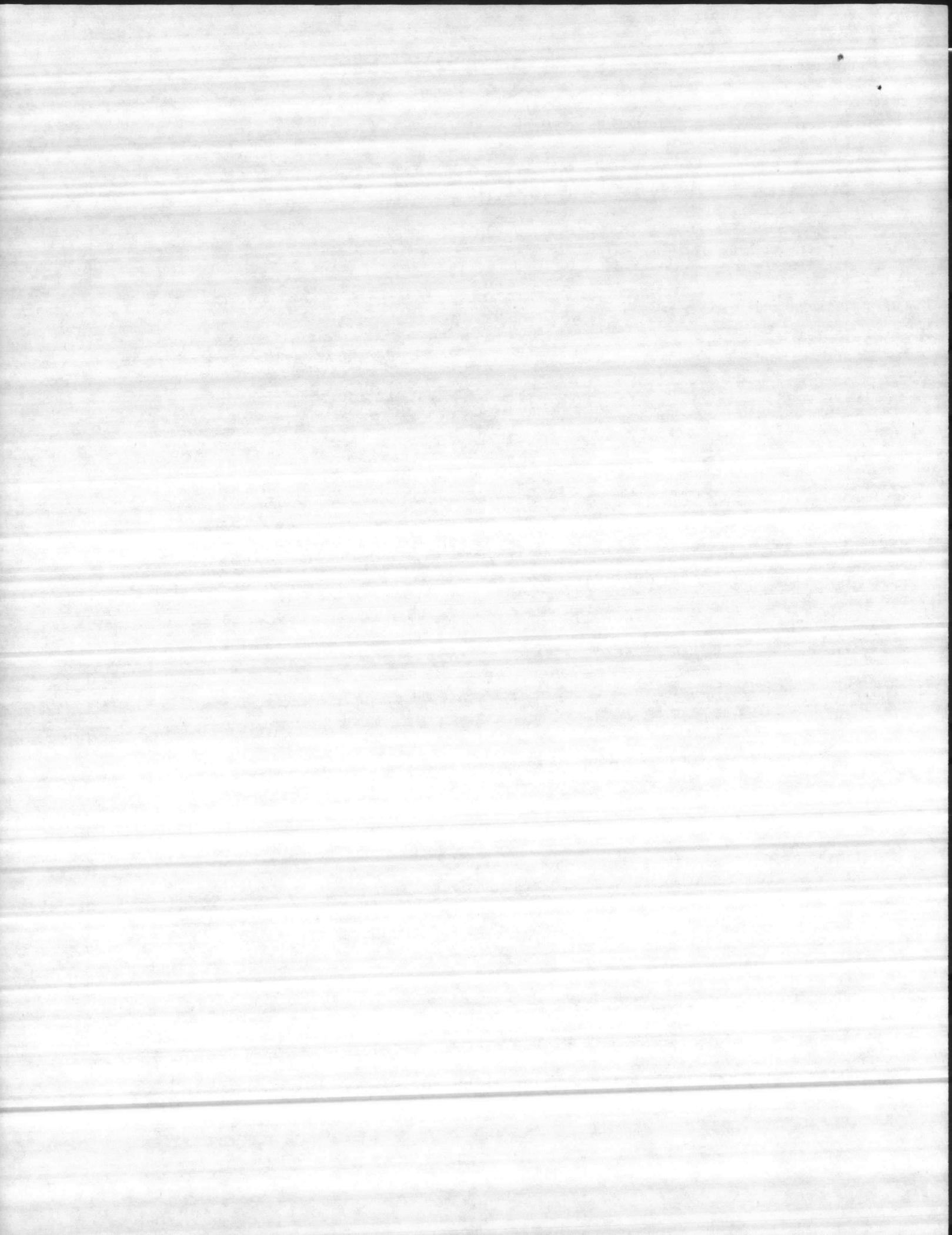
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	<u>SHORT ORDER SERVING LINE CONT.</u>				
Model CG-59	Griddle w/stand	1	Ea	2,524	2,524
7320-00-927-7463	Food Prep Table, 6 feet	1	Ea	360	360
Progressive Model RPT-5	Pass-thru/Counter Display Case	1	Ea	1,470	1,470
	<u>DINING ROOM</u>				
Model JT30	Beverage Dispenser	2	Ea	775	1,550
7320-00-205-2098	Cup & Glass Dispensers	4	Ea	230	920
Metal Ind.	Ice Cream Dispenser	1	Ea	2,360	2,360

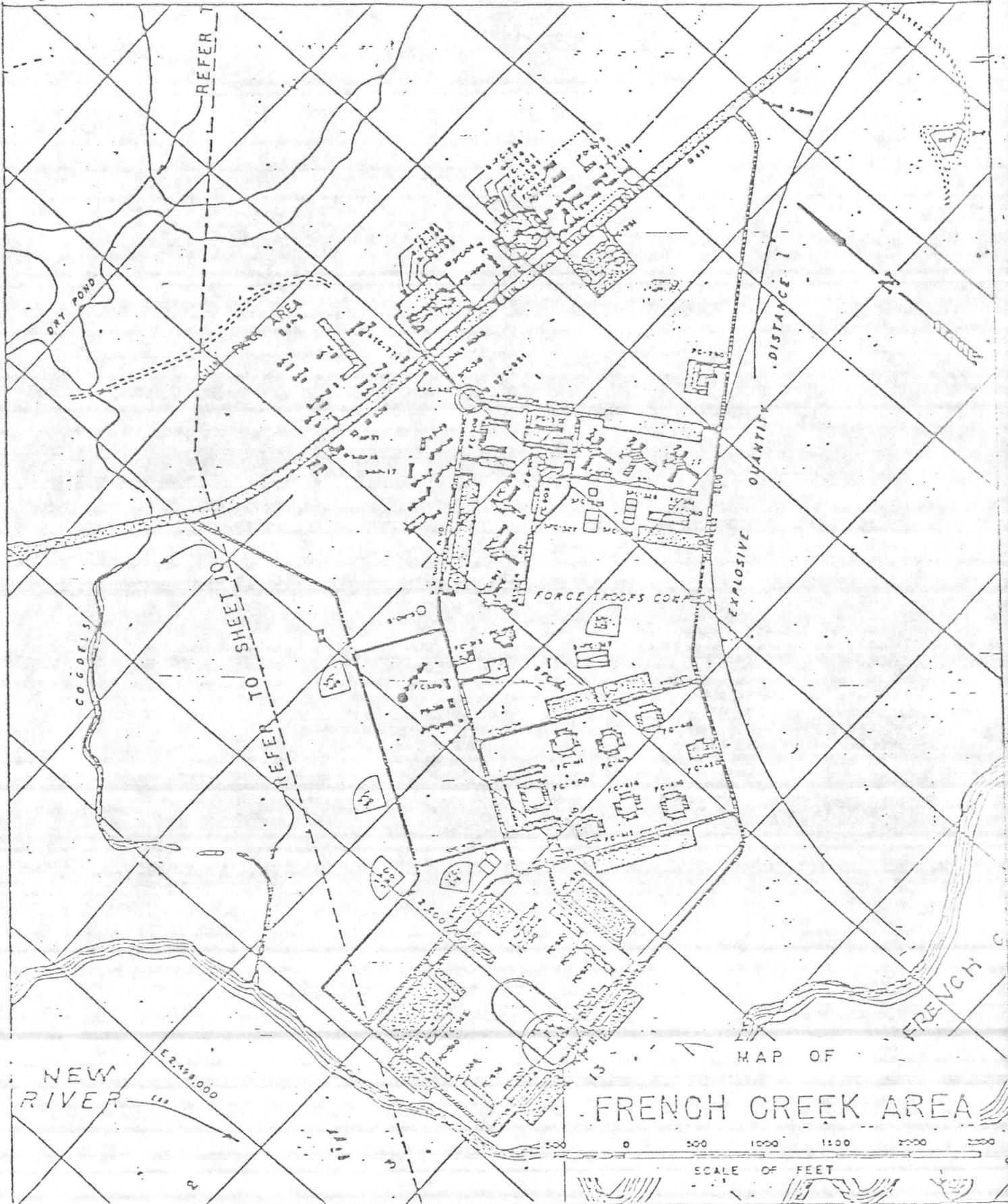


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<p>(4) <u>Supporting Facilities.</u> Special foundation, piling, utilities, parking, loading dock, wash area, service roads and sidewalk. No demolition of other facilities is required in this project.</p>		
<p>4. <u>Cost Estimate.</u> The Area Cost Factor for Camp Lejeune is 0.86. Cost Data was derived from the Military Construction Cost Review Guide, FY-84 (DoD 4270.1-CG), and escalated to FY-89 for this proposed facility.</p>		
<p>5. <u>Justification For Project And Scope Of Project.</u></p>		
<p>a. <u>Justification For Project.</u></p>		
<p>(1) <u>Project.</u> The proposed facility is to accommodate additional personnel assigned to the 2FSSG T/O. The present approved strength was promulgated in the 1 Jan 84 FSR by HQMC.</p>		
<p>(2) <u>Current Situation.</u> There are three dining facilities in the French Creek Area. They accommodate 1,500 PN, 1,500 PN and 1,629 PN with a total capacity of 4,629 PN. The New Troop Strength Addition calls for Messing Accommodations for an additional 1,379 PN.</p>		
<p>(3) <u>Impact If Not Provided.</u> New barracks are now under construction for these additional personnel. They will be completed in 1986. If this Dining Facility is not provided, troops will have to be messed on a phased basis or transported to other areas. This will erode scarce training and operational time.</p>		
<p>b. <u>Justification For Scope Of Project:</u> Scope is based upon recommendations provided in NAVFAC P-80, and approval by HQMC. Population served is based on the most current FSR (1 Jan 84). The approved scope is 8,120 SF.</p>		
<p>6. <u>Equipment Provided From Other Appropriations.</u> See Collateral Equipment, paragraph 3c(3).</p>		
<p>7. <u>Common Support Facilities.</u> Not applicable.</p>		
<p>8. <u>Effect On Other Resources.</u> This project will increase the O&amp;M, MC Maintenance Cost of FC-540 by approximately 40%. This project will enhance and improve the health, welfare and morale of 2FSSG personnel. The proposed construction will be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977 and implemented by NAVFACINST 4100.5A.</p>		



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<p>9. <u>Siting Of The Project.</u> This facility will be located in the "500" area of French Creek, an expansion of FC-540.</p> <p>10. <u>Other Graphic Presentation.</u> None.</p> <p>11. <u>Economic Analysis.</u> Messing is required in the area. Economic alternatives will be explored in the Value Engineering Phase of Design.</p> <p>12. <u>Environmental Impact.</u> An Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated.</p> <p>13. <u>Quantitative Data</u></p> <table border="0"> <tr> <td>a. Unit of Measure</td> <td>Personnel</td> </tr> <tr> <td>b. Total Requirement</td> <td>6,008 PN</td> </tr> <tr> <td>c. Existing Substandard</td> <td>0</td> </tr> <tr> <td>d. Existing Inadequate</td> <td>0</td> </tr> <tr> <td>e. Existing Adequate</td> <td>4,629 PN</td> </tr> <tr> <td>f. Other Assets, Not in Inventory</td> <td>0</td> </tr> <tr> <td>g. Funded, not in Inventory</td> <td>0</td> </tr> <tr> <td>h. Adequate Assets (e+f+g)</td> <td>4,629 PN</td> </tr> <tr> <td>i. Deficiency (b-h)</td> <td>1,379</td> </tr> </table> <p>14. <u>Maintenance Facilities:</u> Not applicable</p> <p>15. <u>Morale, Welfare and Recreation Facilities:</u> Not applicable</p> <p>16. <u>Relocation Facilities:</u> Not applicable</p> <p>17. <u>Storage Facilities:</u> Not applicable</p> <p>18. <u>Hazards, Identification, Assessment and Analysis:</u> Proposed project provides an addition to an existing Mess Hall (FC-540). This addition will equip the present facility with a fast food serving lane and a supporting mini-galley. The following potential hazardous conditions will be considered during the design phase.</p> <table border="0"> <tr> <td>a. Excessive heat from galley equipment</td> </tr> <tr> <td>b. Fire</td> </tr> <tr> <td>c. Vehicular traffic in close proximity to pedestrian traffic</td> </tr> </table> <p>System safety engineering and management programs will be used to ensure that the highest possible degree of safety and occupational health is designed into this facility.</p>						a. Unit of Measure	Personnel	b. Total Requirement	6,008 PN	c. Existing Substandard	0	d. Existing Inadequate	0	e. Existing Adequate	4,629 PN	f. Other Assets, Not in Inventory	0	g. Funded, not in Inventory	0	h. Adequate Assets (e+f+g)	4,629 PN	i. Deficiency (b-h)	1,379	a. Excessive heat from galley equipment	b. Fire	c. Vehicular traffic in close proximity to pedestrian traffic
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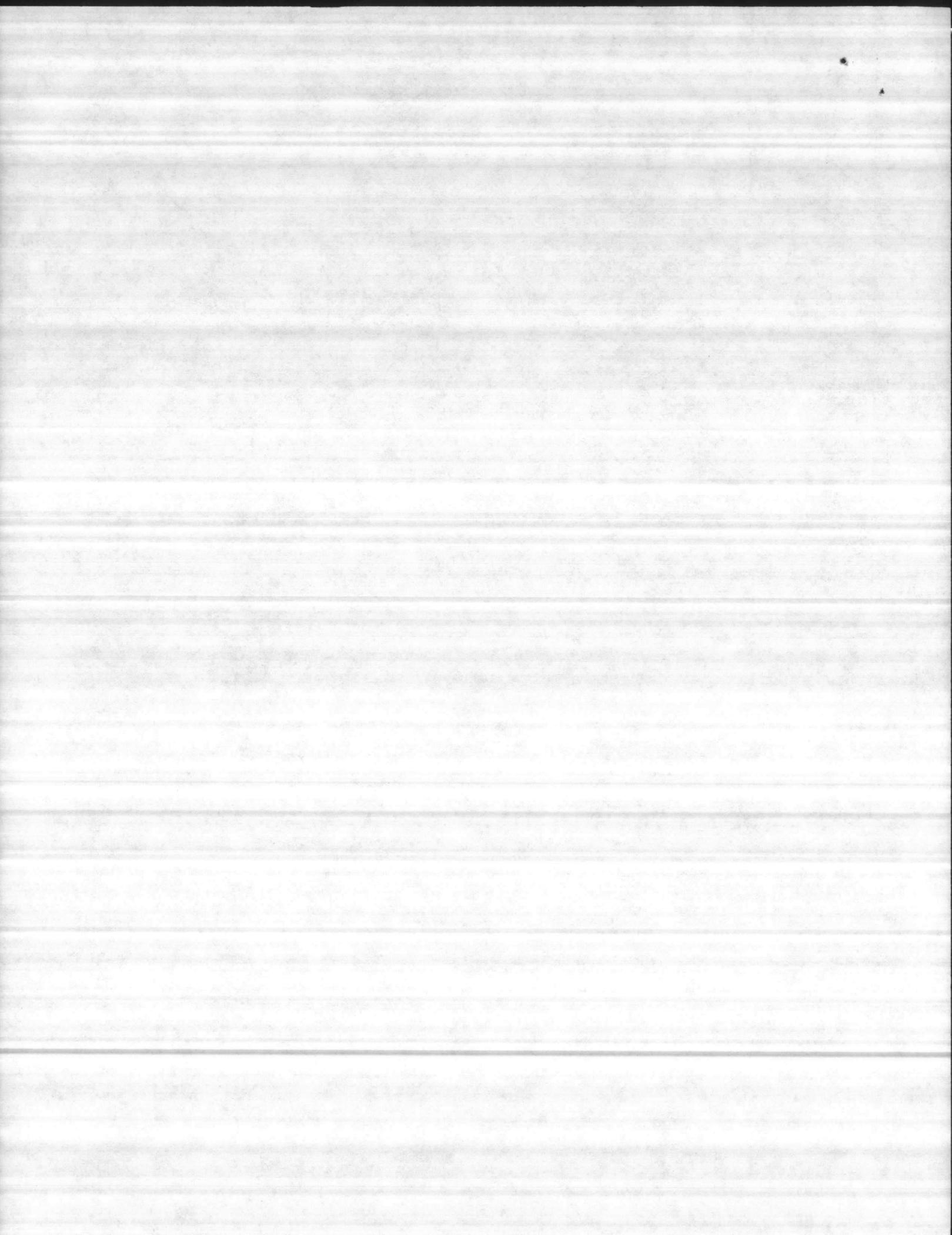




SITE LOCATION MAP

P-841

MESS HALL ADDITION  
FRENCH CREEK AREA





UNITED STATES MARINE CORPS  
Natural Resources and Environmental Affairs Division  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO  
11000/5  
NREAD  
22 Aug 86

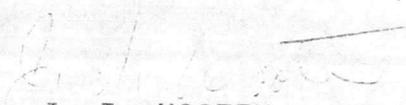
From: Director, Natural Resources and Environmental Affairs  
Division, Marine Corps Base, Camp Lejeune  
To: Assistant Chief of Staff, Facilities, Marine Corps Base,  
Camp Lejeune

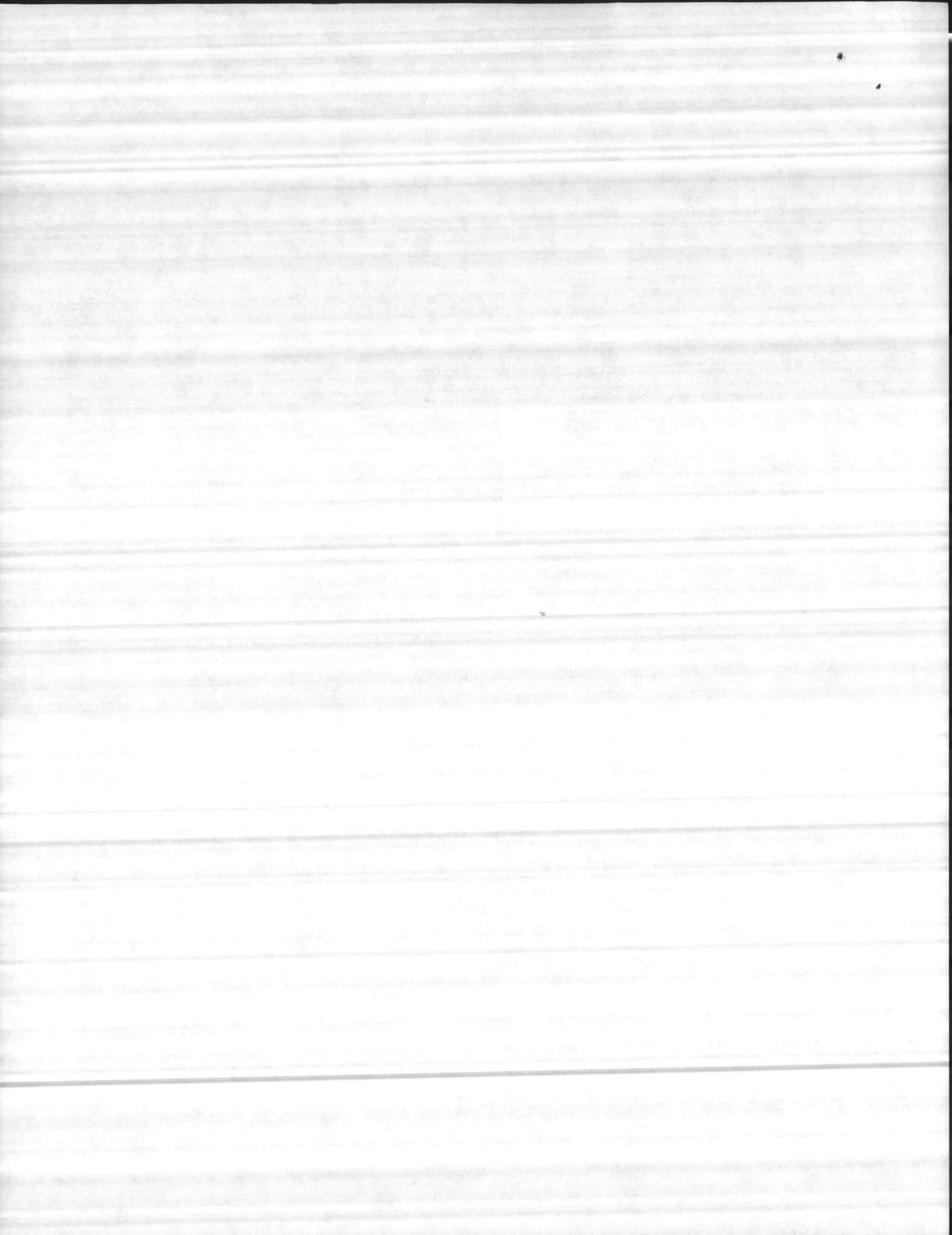
Subj: ENVIRONMENTAL IMPACT ASSESSMENT

Ref: (a) BO 11000.1B

Encl: (1) Preliminary Environmental Assessment (PEA) on FY-87  
Harvesting for Forestry Branch, NREAD

1. The enclosure has been compiled and is submitted as required by the reference. It is recommended that the enclosure be processed by the Environmental Impact Review Board, as submitted.

  
J. I. WOOTEN



COMPARTMENT TIMBER SALES FY-87

REQUEST FOR ENVIRONMENTAL IMPACT REVIEW:

1. Action Sponsor: Director, Natural Resources and Environmental Affairs Division, Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune, North Carolina.
2. Name, address, phone number of point of contact: Peter E. Black, phone 5003/2195, Forestry Branch, Natural Resources and Environmental Affairs Division, Marine Corps Base, Camp Lejeune, North Carolina.
3. Title and brief description of proposed action: Scheduled compartment sales of merchantable timber and associated site preparation treatment practices for Compartments 8, 14, 53 and Road Side Zone Thinning aboard Camp Lejeune, North Carolina.

The proposed timber harvests will be affected through timber sale contracts administered by the Resident Officer in Charge of Construction, Jacksonville, North Carolina. The purpose of the harvests is as follows:

- a. To generate income available from the sale of stumpage.
- b. To improve vigor, quality and growth rates of residual timber.
- c. To regenerate selected stands as required to develop and maintain a balanced even age - one hundred year rotation.
- d. Reduce susceptibility of timber to disease/insect infestations.
- e. Wildlife habitat improvement.

The proposed harvests will implement the multiple use objectives of the Natural Resources Management Plan for Camp Lejeune. The plan was developed in 1975 in accordance with MCP P11000.8B, MCO P11000.5 and MCO P11000.7. Income produced is utilized for the funding of the Navy Forest Management Program. Approximately 40% of the net profits will go to local governments for use on roads and schools.

The timber harvesting methods and associated site preparation treatments practiced are summarized as follows:

a. Intermediate Cuts

(1) Low-thinning: In a low thinning, smaller trees are removed from the lower crown canopy. The low thinning simulates through harvesting the natural extermination of the smaller, less vigorous trees. No associated site preparation treatment is required.

(2) Leave-tree Thinning: In a leave-tree thinning, the number of trees to be left after thinning is determined by the prevailing diameter of the large, better formed and faster growing trees in the area. Larger, better formed and faster growing trees to be left are marked with blue paint and the smaller, less vigorous trees are marked with red, yellow or orange paint and removed. No associated site preparation treatment is required.

(3) Pine Only Thinning: The pine trees, in a mixed pine/hardwood area, are thinned by a low thinning. This is used when the hardwood trees in the area would not be thick enough to fully utilize the available growing space. No associated site preparation treatment is required.

(4) Pine Only Removal: All the pine trees are removed from a pine/hardwood stand in a single cutting. This cut is used when the remaining hardwood is thick enough to fully utilize the available growing space. No associated site preparation treatment is required.

b. Regeneration Cuts for Pine

(1) Clearcutting: Clearcutting is the removal of all merchantable trees in one cutting. After completion of the harvest cut, site preparation follows. The unmerchantable trees are sheared at ground level by using a crawler tractor with a KG blade. The resulting debris along with logging slash is then piled by using a crawler tractor with root rake. The area is then bedded by using a crawler tractor and a bedding harrow. These operations are not routinely scheduled between 1 April and 1 August because of possible adverse impact upon wildlife populations. Following this site preparation, the area will be planted by machine planter or by hand, which occurs between 1 December and 1 April.

(2) Seedtree: A seedtree is a removal of all merchantable stems in one cutting except for a small number of good quality, evenly distributed trees capable of producing seed which will reforest the site. Because pine seeds are very light, site preparation is usually required. Site preparation methods routinely used are (1) using a drum chopper pulled by a crawler tractor; (2) using a drum chopper pulled by a crawler followed by a site preparation burn, or (3), by a crawler tractor equipped with a KG blade to shear unmerchantable trees, followed by windrowing with a crawler tractor with a root rake. The use of these three site preparation techniques is governed by the amount of debris remaining on the site following logging. These operations are not routinely scheduled between 1 April and 1 August because of possible adverse impact on wildlife populations. After the site has become adequately stocked, the seedtrees will then be removed by conventional logging methods.

(3) Shelterwood: A shelterwood is the removal of mature timber in a series of cuttings which extend over a relatively short period of the rotation. Regeneration is established naturally over a period of years under the shelter of the remaining trees. This is generally utilized for the regeneration of longleaf pine. Site preparation consists of using a drum chopper or heavy disc pulled by a crawler tractor. These two alternatives may be followed by a site preparation burn. These site preparation alternatives will not be routinely scheduled between 1 April and 1 August because of possible adverse impact on wildlife populations. After the site has become adequately stocked, the shelterwood seed source is then removed by conventional logging methods.

c. Regeneration Cuts for Hardwood

(1) Clearcutting: Clearcutting is the removal of all merchantable trees in one cutting. Remaining cull or small trees will be killed or cut to release the more valuable intolerant species that will regenerate. Regeneration of hardwoods by clearcutting depends on advance reproduction and sprouts from stumps or root systems from the trees that were removed. Mechanical site preparation is not routinely required.

(2) Shelterwood: A shelterwood is a removal of mature timber in a series of cuttings which extend over a relatively short period of the rotation. Removal of the less valuable tolerant species is the first step which will allow the establishment of seedlings from the intolerant hickory, beech and oak. While the intolerant reproduction is reaching adequate size, the remaining overstory is removed in a series of cuts. Mechanical site preparation is not routinely required.

4. Location: Areas to be harvested are shown on the attached maps, including keys showing the type of harvest proposed.

5. Potential Environmental Impact/Considerations

a. Air Quality:

(1) Will there be any open burning associated with the project/action? YES (Note 1: There will be some burning for site preparation after the logging operations have been completed. This activity will be conducted under forest management guidelines and should pose no adverse environmental impact.)

(2) Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO

(3) Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? NO

(4) Will the project involve the use or disposal of asbestos? NO

(5) Will the project cause dust problems? NO

b. Land Quality:

(1) Will the action require use of significant amount of earthen fill material? NO

(2) Will there be an increase in level of soil disturbance/damage to the vegetation? YES (Note 2: Soil erosion and runoff will increase temporarily but should not pose any significant problems. Logging decks and skid trails will be seeded after completion of operations.)

(3) Will there be one acre or more of land cleared/disturbed?  
YES

c. Groundwater Quality:

(1) Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO

(2) Does the project involve installation/use of septic tanks or any other on-site disposal of sanitary waste? NO

(3) Will there be any wells dug or any excavations deeper than 20 feet? NO

(4) Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? YES (Note 3: Logging equipment will be refueled and lubricated on the job. Contractor is required by contract to prevent spills, report spills to Base authorities and to remove all waste petroleum products from work site and dispose of properly.)

(5) Will there be a net increase of solid waste caused by implementing the project/action? NO

(6) Will the project or action be carried out within 200 feet of a drinking water supply well? YES (Note 4: There are twelve drinking water supply wells in or near stands proposed for logging operations in Compartments 8, 53, and the Road Side Zone Thinning. These wells will not be affected by the proposed action and there will not be an adverse impact on the drinking water supply.)

d. Surface Water Quality:

(1) Is the project located on or in a water body or adjacent 100-year flood plain? YES (Note 5: No construction of facilities is proposed; therefore, federal restrictions on flood plain development are not applicable.)

(2) Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO

(3) Will all wastewater be connected to sanitary sewer? NO

(4) Will there be an increase in erosion/siltation from soil disturbing activity? YES (See 5b(2) above)

(5) Will petroleum oil and lubricants be routinely stored or used at the site? YES (See 5c(4) above)

(6) Will the project increase rates of surface/storm water run-off? YES (See 5B(2) above)

e. Natural Resources:

(1) Will there be a loss of forestland? NO

(2) Will public access for hunting, boating, fishing, etc. be restricted? NO

(3) Is there a change in land use from what is presently shown in Base Master Plan? NO

(4) Will removal of existing vegetation be required? YES  
(Note 6: Prescribed treatment is consistent with standard forestry and wildlife management practices. Effects on wildlife are generally temporary in nature and will not significantly affect any species. Proposed action is consistent with current management objectives contained in the Base Long Range Natural Resources Management Plan.)

(5) Are there any known effects on any endangered species? NO

(6) Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations:

(1) Will the project cause an increase/decrease in, on, or off-base military population? NO

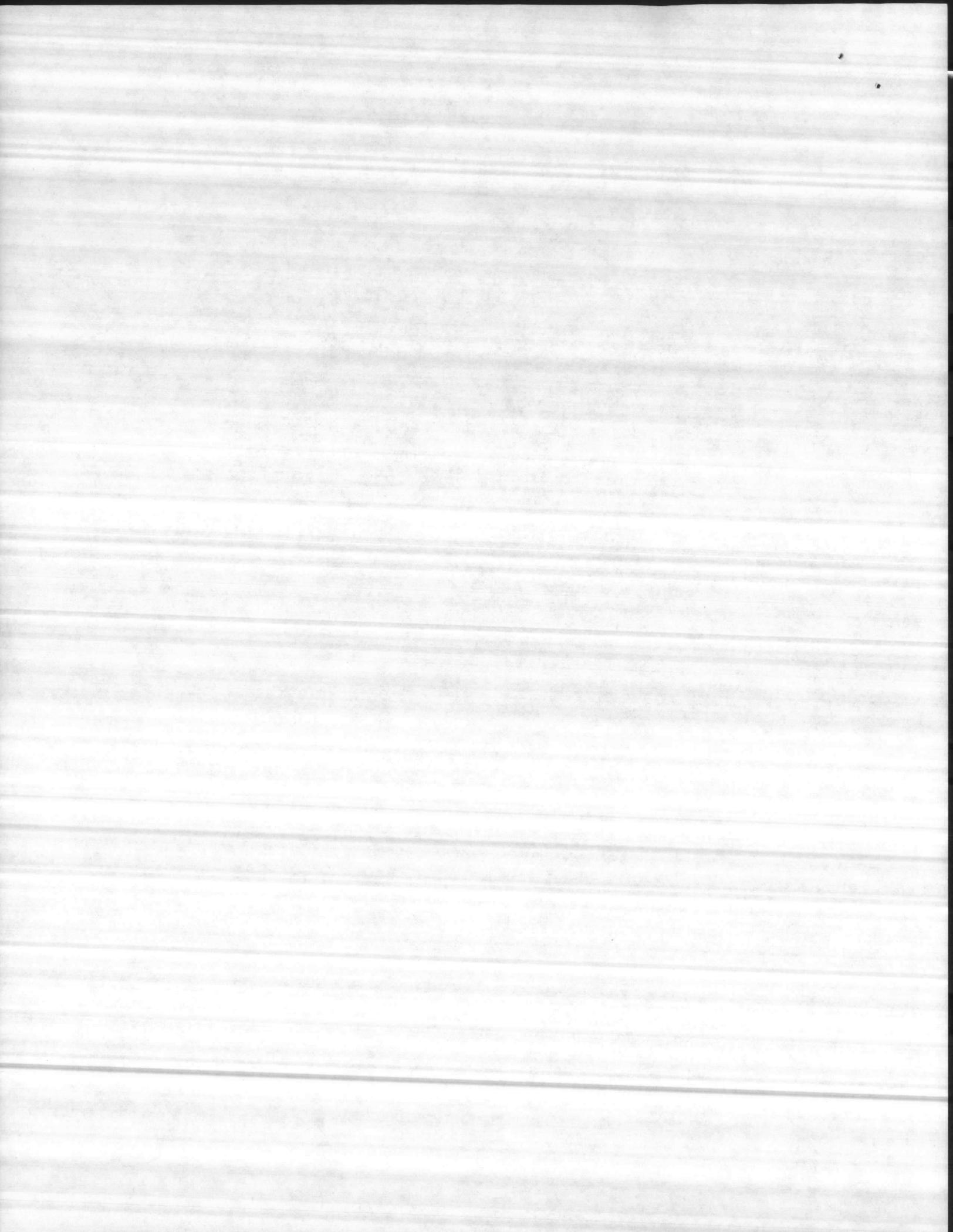
(2) Will there be any increased demand on a local or state government to provide services? NO

(3) Will there be any changes to traffic flow and patterns on or off-base? NO

(4) Will any noise, traffic, dust, etc. be generated which may affect off-base persons or property? NO

(5) Is there any known controversy associated with the type of project or action proposed? NO

(6) Are there any historical or archaeological sites affected by project/action? NO



# Memorandum

11000/5

NREAD

DATE: 27 Aug 86

FROM: Director, Natural Resources and Environmental Affairs Division,  
Marine Corps Base, Camp Lejeune

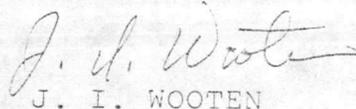
TO: Assistant Chief of Staff, Facilities, Marine Corps Base,  
Camp Lejeune

SUBJ: ENVIRONMENTAL ASSESSMENT FOR PRESCRIBED BURNING FY-87

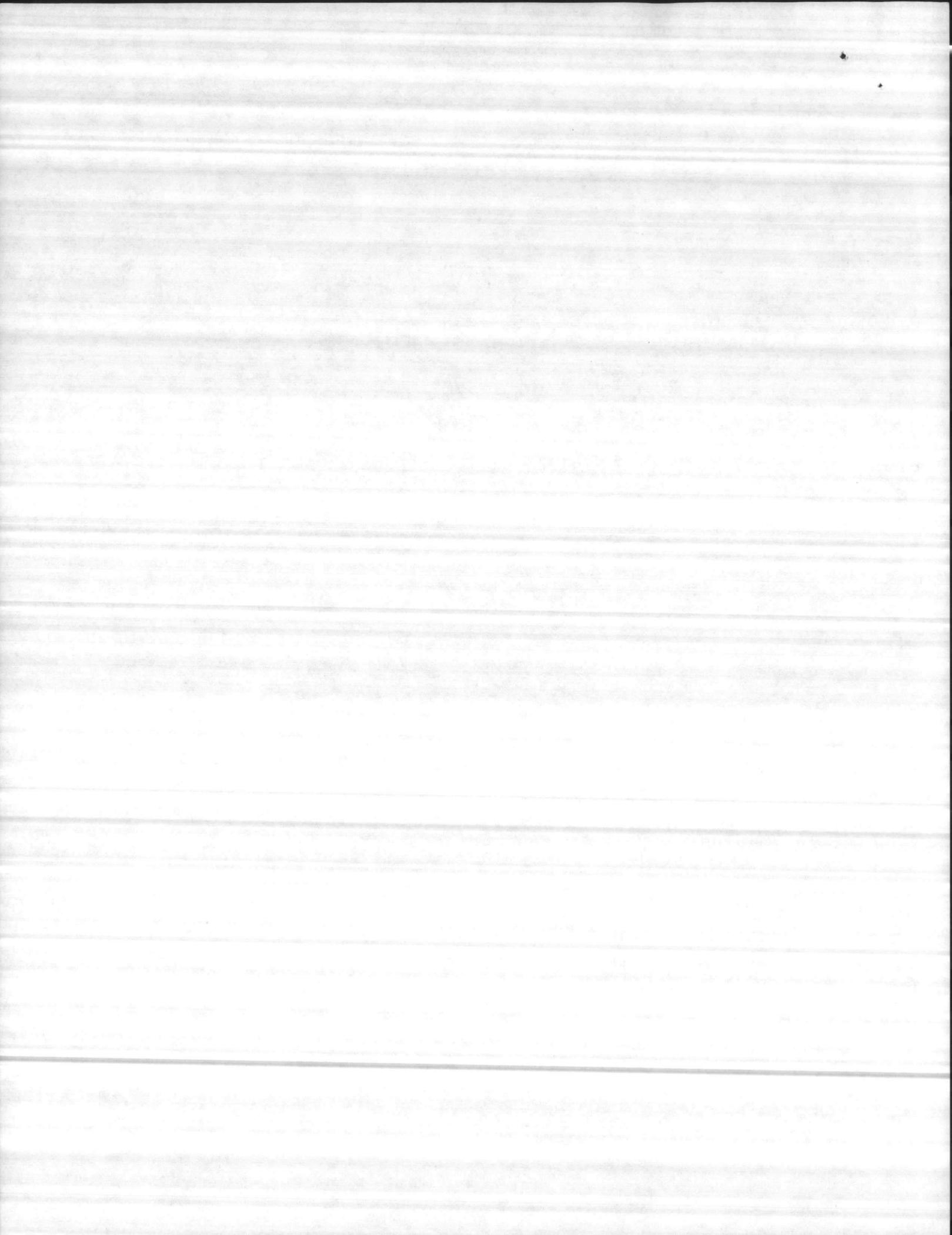
Ref: (a) BO 11000.1B

Encl: (1) Preliminary Environmental Assessment (PEA on FY-87 Prescribed  
Burning Program for Forestry Branch, NREAD)

1. The enclosure has been compiled by NREAD in accordance with the reference. The subject action does not appear to meet criteria for submittal of an environmental assessment to HQMC. The subject action, in NREAD's opinion, will not result in significant adverse environmental impact. Accordingly, it is recommended that the enclosure be processed in accordance with paragraph 2.a of Appendix A to enclosure (1) of the reference.



J. I. WOOTEN



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW:

1. Action Sponsor: Director, Natural Resources and Environmental Affairs Division, Marine Corps Base, Camp Lejeune, North Carolina.

2. Name, address, phone number of point of contact:  
Peter E. Black, Base Forester, Building 1103, Marine Corps Base, Camp Lejeune, North Carolina, telephone 451-2195.

3. Title and brief description of proposed action:

Controlled and Prescribed burning program for FY-87 at Marine Corps Base, Camp Lejeune, North Carolina.

Prescribe burn approximately 10,160 acres of forestland for hazardous reduction and habitat improvement. An additional 11,588 acres of ranges and impact areas, and 376 acres of Red-Cockaded Woodpecker habitat are scheduled as controlled burns for hazard reduction wildlife habitat improvement and vegetative control. The work will include flagging and plowing fire lines and the use of drip torches fueled by a mixture of diesel fuel and gasoline, to burn areas as indicated on Attachment No. 1. All burning will be coordinated with Training to avoid possible conflicts. Provost Marshal, Base Housing and the Base Fire Department will be notified as required. Initial preparations and fire line plowing will begin in October 1986 with burning days being scheduled as weather and training permit, from 1 December 1986 through 15 March 1987. Information sheets summarizing acreage, purpose of the burn, and environmental/management concerns are included in Attachment No. 2.

4. Location: The areas proposed for controlled and prescribed burning, and the location of Red-Cockaded Woodpecker cavity trees and archaeological and historical/sensitive areas affected are shown on Attachment No. 1.

5. Potential Environmental Impact/considerations:

A. Air Quality

(1) Will there be any open burning associated with the project/action? YES. Clean air regulations, as they are presently administered, do not apply to prescribed or controlled burning unless atmospheric conditions result in an air stagnation emergency. Air stagnation emergencies, because of atmospheric conditions, generally do not occur during the time of year when burning is accomplished, and procedures would call for postponement of burning until air quality improves. There could be complaints concerning drifting smoke, by military and civilian populations. Burning plans and the latest weather forecast information will be used in attempts to minimize smoke management problems. The Smoke Management Office of the N. C. Forest Service will be notified on days when burning is planned regarding

expected fuel loads and acreages to be burned. Although we are not required to limit the amount of burning planned to comply with N. C. Forest Service guidelines, this office will comply with N. C. Forest Service recommendations whenever possible.

(2) Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO.

(3) Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? NO.

(4) Will the project cause dust problems? NO.

b. Land Quality:

(1) Will the action require use of significant amount of earthen fill material? NO.

(2) Will there be an increase in the level of soil disturbance/damage to vegetation? YES. Prescribed burning has very little effect on the physical or chemical properties of the soil. For most flat, sandy soil in the Coastal Plain there is little danger of erosion because the organic layer on the forest floor is not consumed during prescribed burning. Some soil disturbance will occur during the plowing of containment lines but their effect is temporary in nature, and North Carolina Erosion and Sedimentation Regulations are not applicable. Lesser vegetation, grasses, herbs, forbes and smaller woody plants, will be greatly effected. The main purpose for prescribed burning is to decrease the number and intensity of wildfires by managing the amount of fuel type available to a wildfire. Although the above ground portions of these plants are consumed or killed, new growth occurs from the existing root systems the following spring and are very beneficial to wildlife populations.

(3) Will there be one acre or more of land cleared/disturbed? NO.

c. Groundwater Quality:

(1) Does the project involve use of herbicides, insecticides, or other pesticides in significant amounts? NO.

(2) Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO.

(3) Will the project or action be carried out within 200 feet of a drinking water supply well? YES. The action will have no effect on groundwater quality or drinking water.

d. Surface Water Quality:

(1) Is the project located on or in a water body adjacent 100-year flood plain? YES. It is possible that a portion of the

burning will be adjacent to the 100-year flood plain. Generally, the pure pine forest does not occur in the flood plains which are forested with typical bottomland hardwood forests. There will be a probability of burning in the 100-year flood plain during controlled and prescribed burning but weather conditions during the period of burning (1 December to 15 March) are not conducive to burning the fuel types which have a low combustion and energy release rate, that would be found in the 100-year flood plains.

(2) Will the project involve construction of draining ditches/underground drains for purposes of lowering water table? NO.

(3) Will all wastewater be connected to sanitary sewer? NO.

(4) Will there be an increase in erosion/siltation from soil disturbing activity? YES. (See subparagraph b.(2)).

(5) Will petroleum oil and lubricants be routinely stored or used at the site? YES. Approximately 30 gallons of burning fuel will be used daily to ignite the areas to be burned. The burning fuel will be transported to the areas daily.

(6) Will the project increase rates of surface/storm water run-off? YES. There is the possibility of increased run-off of rainfall. When surface run-off increases following burning, it may carry suspended solids, dissolved inorganic nutrients and other materials into adjacent streams with a recurring decrease in water quality. This is normally not a problem in the Coastal Plain because burning is generally conducted on less than 25 percent slopes. This is less a problem at Camp Lejeune because of the natural timber and fuel type changes that occur as one gets closer to creeks.

e. Natural Resources:

(1) Will there be a loss of forest land? NO.

(2) Will public access for hunting, boating, fishing, etc. be restricted? YES. There is generally some minor conflicts with hunting but these will be coordinated with the Base Game Wardens.

(3) Is there a change in land use from what is presently shown in the Base Master Plan? NO.

(4) Will removal of existing vegetation be required? NO.

(5) Are there any known effects on any endangered species? YES. Woody vegetation and forest litter will be cleared from around the base of the Red-Cockaded Woodpecker cavity trees by Wildlife personnel prior to prescribed or controlled burning. All burning and related work will be accomplished in accordance with guidelines which have been mutually agreed on with the U. S. Fish and Wildlife Service, as documented in the Biological Opinion rendered in 1979.

(6) Does the project involve the purchase or sale of any real estate? NO.

f. Socio-Economic Considerations:

(1) Will the project cause an increase/decrease in, on, or off-base military population? NO.

(2) Will there be any increased demand on a local or state government to provide services? NO.

(3) Will there be any changes to traffic flow and patterns on or off-base? NO.

(4) Will any noise, traffic, dust, etc. be generated which may affect off-base persons or property? YES. Smoke management is always a major concern during planning and execution of any prescribed or controlled burn. Smoke sensitive areas are the major factors determining wind direction during the burn planning, and possible problems with smoke management are listed in Attachment No. 2. The latest weather forecasts obtained from the New River Air Station and the North Carolina Forest Service are used to determine the possible location for burning on any particular day to prevent smoke management problems. Prescribed burning signs notifying motorists utilizing major roads of the possibility of drifting smoke on the roadway will be displayed whenever burning is in progress. There is always the possibility of unforecasted wind direction changes. In instances such as this, burning may be secured by suppression equipment, if conditions warrant.

(5) Is there any known controversy associated with the type of project or action proposed? YES. (See subparagraph f.(4)). The public preception of effects of prescribed burning on aesthetics varies according to the individual. What may be considered an improvement in the scenic beauty by one may be considered undesirable by another.

Generally, the immediate effect on aesthetics is undesirable especially along roads. Due to the increased turbulence and updrafts along roads and other openings, the fire will become more intense, possibly causing needle scorch and chars on the tree trunks.

However, the undesirable effects will almost disappear during the next growing season in most stands, especially with the low intensity burns. The smutty appearance of the ground will "green up". Scorched needles will drop and not be noticed.

The "Globe", closed circuit television and Base radio will be used to inform the public of the benefits of prescribed burning.

(6) Are there any historical or archaeological sites affected by project/action? YES. Burning itself will not destroy or affect any archaeologically or historically significant areas. However, the location of plowlines could cause significant damage to these areas. The Base Wildlife Manager will be consulted and approve the plowline locations around all subject areas before plowlines are constructed.

AREA TO BE BURNED	ACRES TO BURN	PURPOSE OF THE BURN	ENVIRONMENTAL AND MANAGEMENT CONSIDERATIONS AND COMMENTS
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Comp't 1	567	<ol style="list-style-type: none"> <li>1. Hazard reduction</li> <li>2. Wildlife Habitat improvement</li> </ol>	<ol style="list-style-type: none"> <li>1. Low priority because of low wildfire occurrence</li> <li>2. Smoke sensitive areas               <ol style="list-style-type: none"> <li>A. City of Jacksonville</li> <li>B. N.C. 24</li> <li>C. Camp Johnson</li> <li>D. Approach zones to New River Air Station</li> <li>E. Knox Trailer Park</li> <li>F. Tarawa Terrace I and II</li> <li>G. Montford Point Road</li> </ol> </li> <li>3. Coordinate with:               <ol style="list-style-type: none"> <li>A. Base Provost Marshall</li> <li>B. City of Jacksonville</li> <li>C. Commander of Camp Johnson</li> <li>D. Director of Base Housing</li> <li>E. Base Fire Department</li> <li>F. Base Communications Electronics Officer</li> </ol> </li> <li>4. Plow 2.4 miles of containment line</li> </ol>
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567

1. Hazard reduction  
2. Wildlife Habitat improvement

1. Low priority because of low wildfire occurrence

2. Smoke sensitive areas

A. City of Jacksonville

B. N.C. 24

C. Camp Johnson

D. Approach zones to New River Air Station

E. Knox Trailer Park

F. Tarawa Terrace I and II

G. Montford Point Road

3. Coordinate with:

A. Base Provost Marshall

B. City of Jacksonville

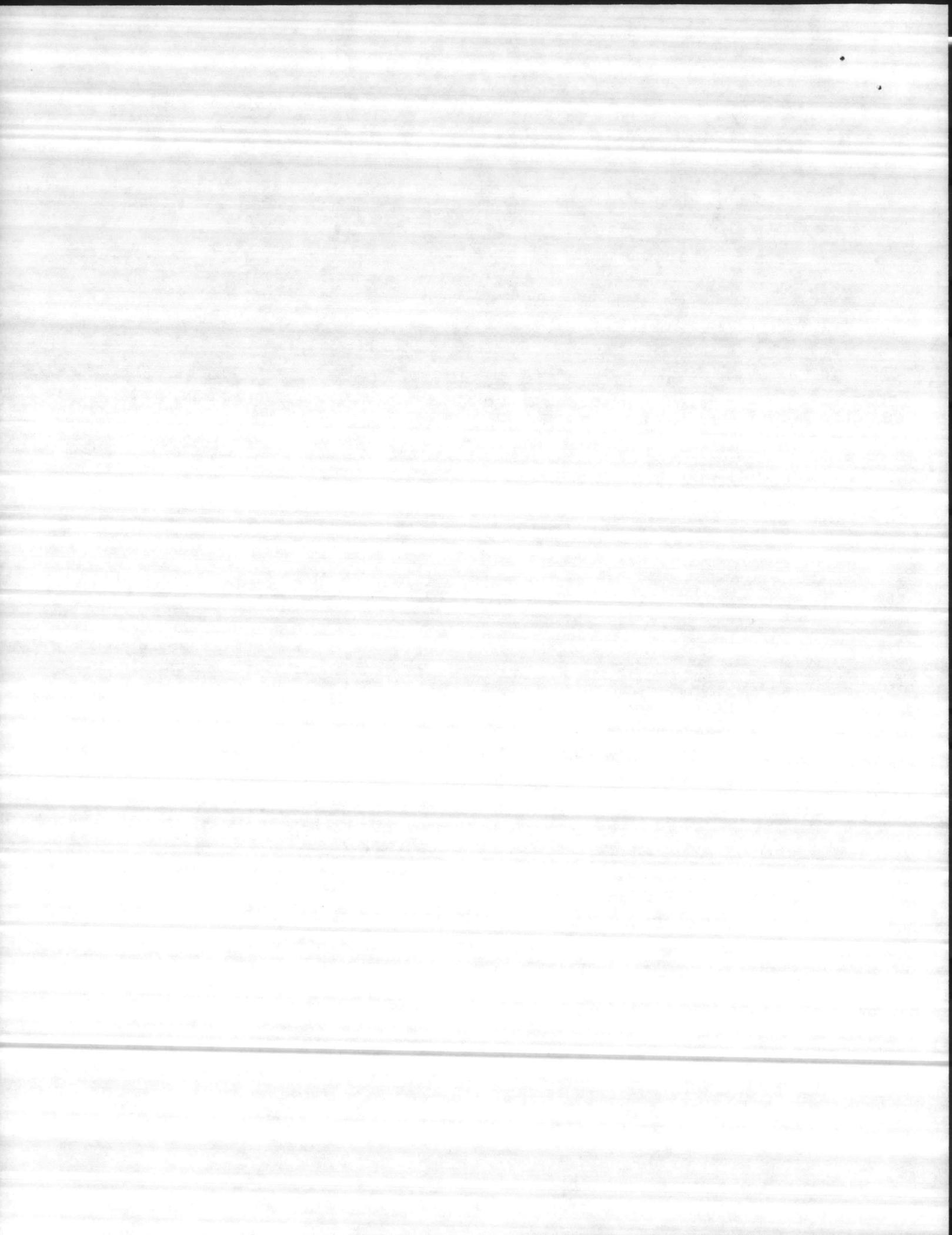
C. Commander of Camp Johnson

D. Director of Base Housing

E. Base Fire Department

F. Base Communications Electronics Officer

4. Plow 2.4 miles of containment line



AREA TO  
BE BURNED

ACRES  
TO BURN

PURPOSE OF  
THE BURN

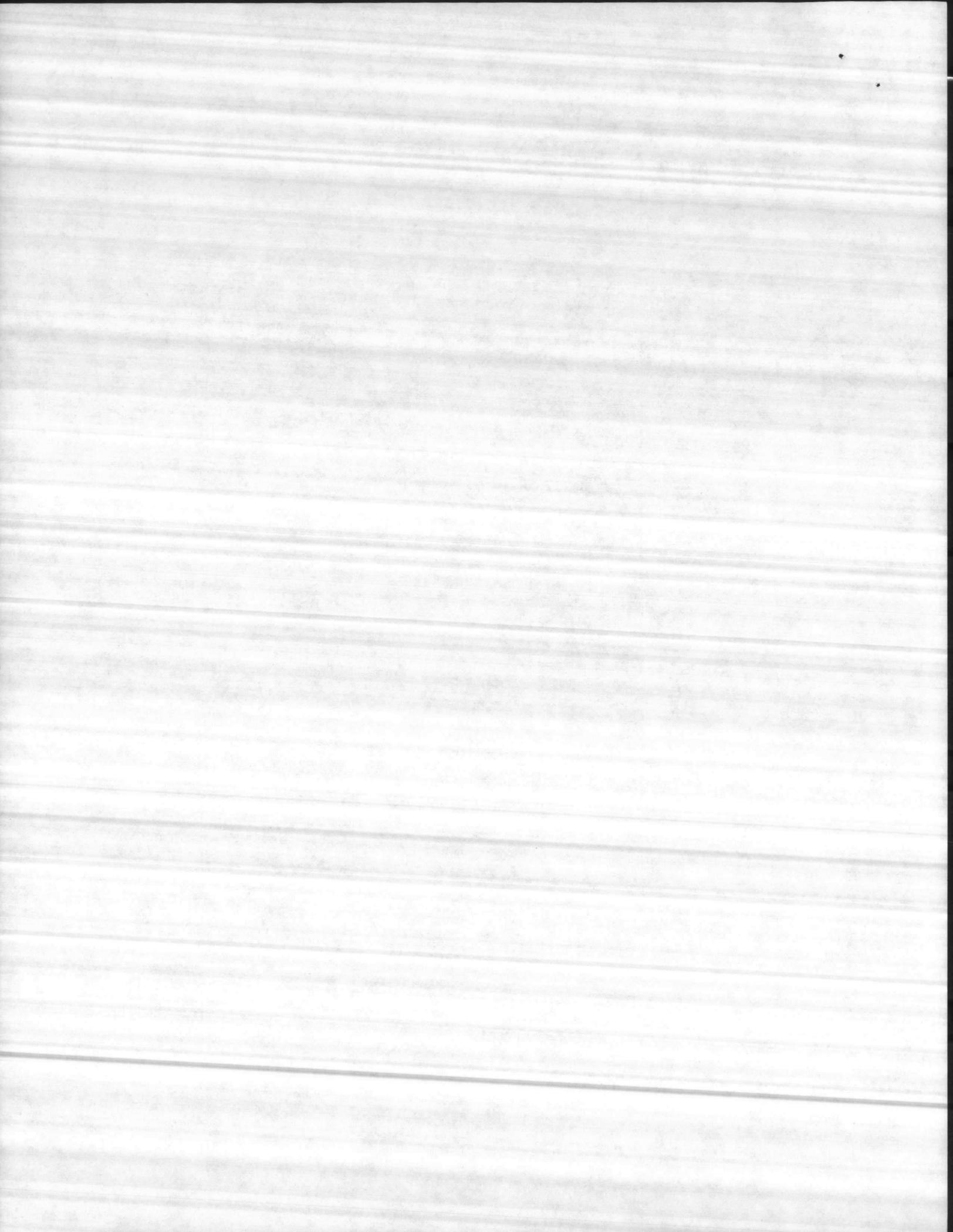
ENVIRONMENTAL AND MANAGEMENT  
CONSIDERATIONS AND COMMENTS

Comp't 4

567

1. Hazard reduction
2. Wildlife Habitat improvement

1. Low priority because of low wildfire occurrence
2. Smoke sensitive areas
  - A. Paradise Point and Berkley Manor Housing Areas
  - B. N.C. 24
  - C. Holcomb & Brewster Blvd and Charles Street
  - D. Naval Regional Medical Center
  - E. Boy Scout Area
  - F. Brewster Jr. High School and Day Care Center
3. Coordinate with:
  - A. Base Provost Marshall
  - B. Commander N.R.M.C.
  - C. Director of Base Housing
  - D. Base Fire Department
  - E. AC/S; T & O
  - F. Superintendent of Base Schools
4. Plow .5 miles of containment line



AREA TO  
BE BURNED

ACRES  
TO BURN

PURPOSE OF  
THE BURN

ENVIRONMENTAL AND MANAGEMENT  
CONSIDERATIONS AND COMMENTS

Comp't 7

1,215

1. Hazard reduction
2. Wildlife Habitat improvement

1. Smoke sensitive areas  
A. N.C. 24
2. Coordinate with:  
A. AC/S; T & O  
B. Base Fire Department
3. Plow 2.8 miles of containment line

Comp't 19

945

1. Hazard reduction
2. Wildlife Habitat improvement

1. Smoke sensitive areas  
A. Lyman Road  
B. TWSEAS
2. Coordinate with:  
A. AC/S; T & O  
B. Base Fire Department
3. Plow .8 miles of containment line

Comp't 25

1142

1. Hazard reduction
2. Wildlife Habitat improvement

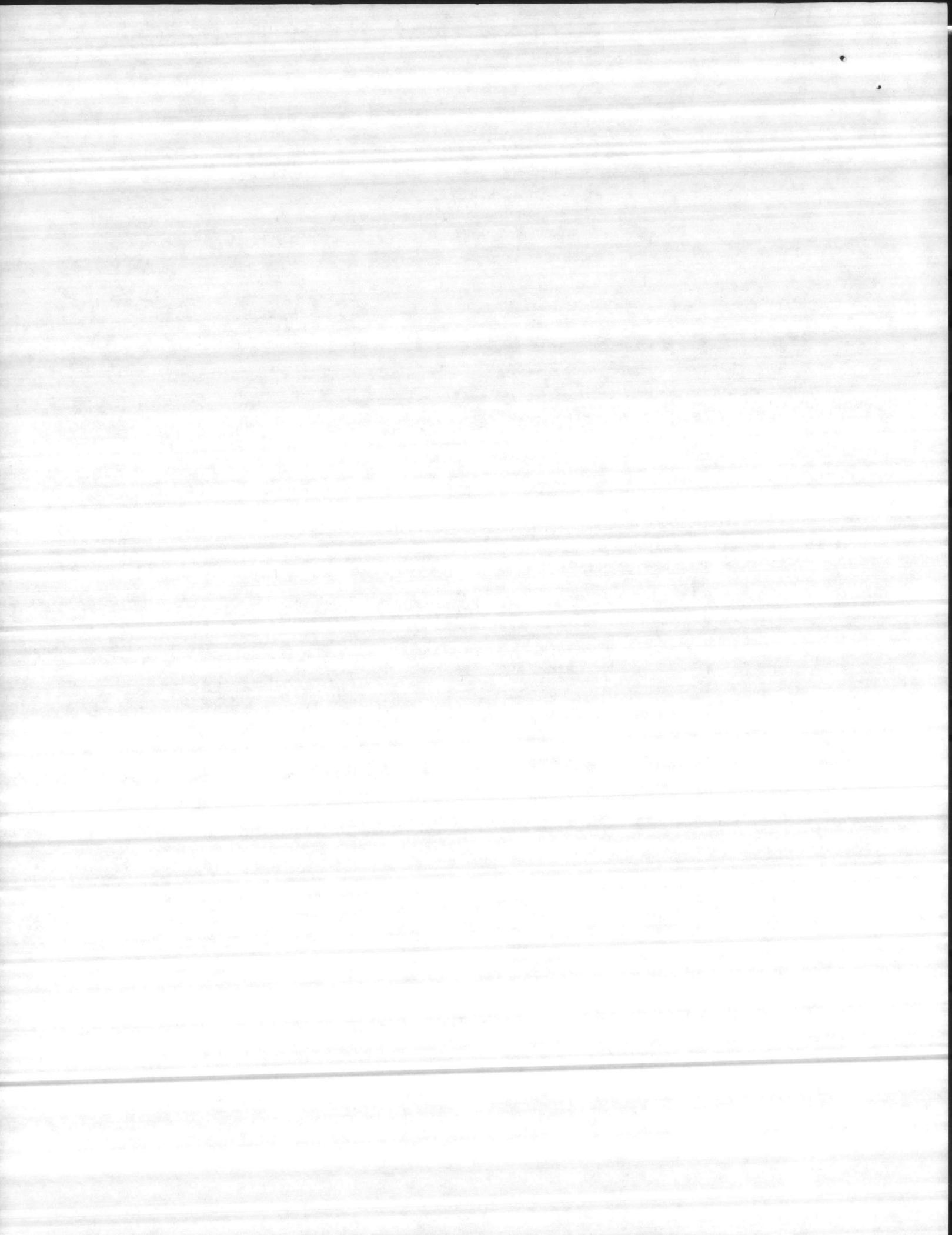
1. Smoke sensitive areas  
A. Verona Loop Road
2. Coordinate with:  
A. AC/S; T & O  
B. Base Fire Department
3. Plow 2.1 miles of containment line

Comp't 28

821

1. Hazard reduction

1. Smoke sensitive areas  
A. US -17  
B. Verona Loop Road
2. Coordinate with:  
A. AC/S; T & O  
B. Base Fire Department
3. Plow 2.1 miles of containment line



AREA TO  
BE BURNED

ACRES  
TO BURN

PURPOSE OF  
THE BURN

ENVIRONMENTAL AND MANAGEMENT  
CONSIDERATIONS AND COMMENTS

Comp't 37

1,407

1. Hazard reduction
2. Wildlife Habitat improvement

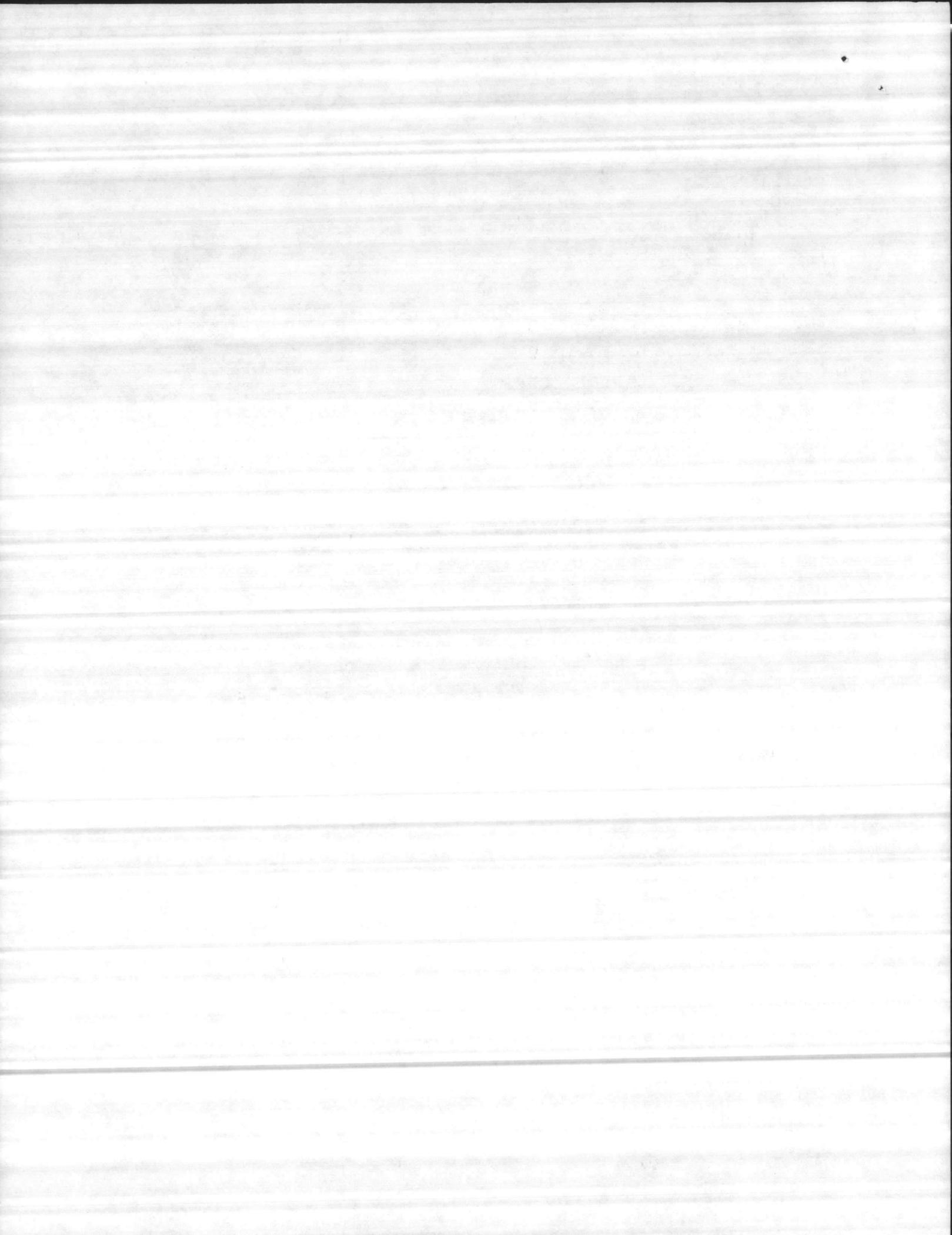
1. Smoke sensitive areas
  - A. NC - 172
  - B. Marines Road
  - C. Courthouse Bay
  - D. Boat Basin Area
2. Coordinate with:
  - A. AC/S; T & O
  - B. Base Fire Department
  - C. Commander of Courthouse Bay & Boat Basin Area
3. Plow .6 miles of containment line

Comp't 46

1,228  
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1. Hazard reduction
2. Wildlife Habitat improvement

1. Smoke sensitive areas
  - A. NC - 172
  - B. Onslow Beach Road
  - C. Beach Area
  - D. Campsites
2. Coordinate with:
  - A. AC/S; T & O
  - B. Base Fire Department
  - C. Commander of the Beach Area
3. Plow .9 miles of containment line



AREA TO  
BE BURNED

ACRES  
TO BURN

PURPOSE OF  
THE BURN

ENVIRONMENTAL AND MANAGEMENT  
CONSIDERATIONS AND COMMENTS

Comp't 54

553

1. Hazard reduction
2. Wildlife Habitat improvement

1. Low priority because of low wildfire occurrence
2. Smoke sensitive areas
  - A. General Air Station area
  - B. Air Station Approach Zone
  - C. Air Station Marina
  - D. Camping Area
3. Coordinate with:
  - A. AC/S; T & O
  - B. Base Fire Department
  - C. Commander of the Air Station
4. Plow .6 miles of containment line

Comp't 55

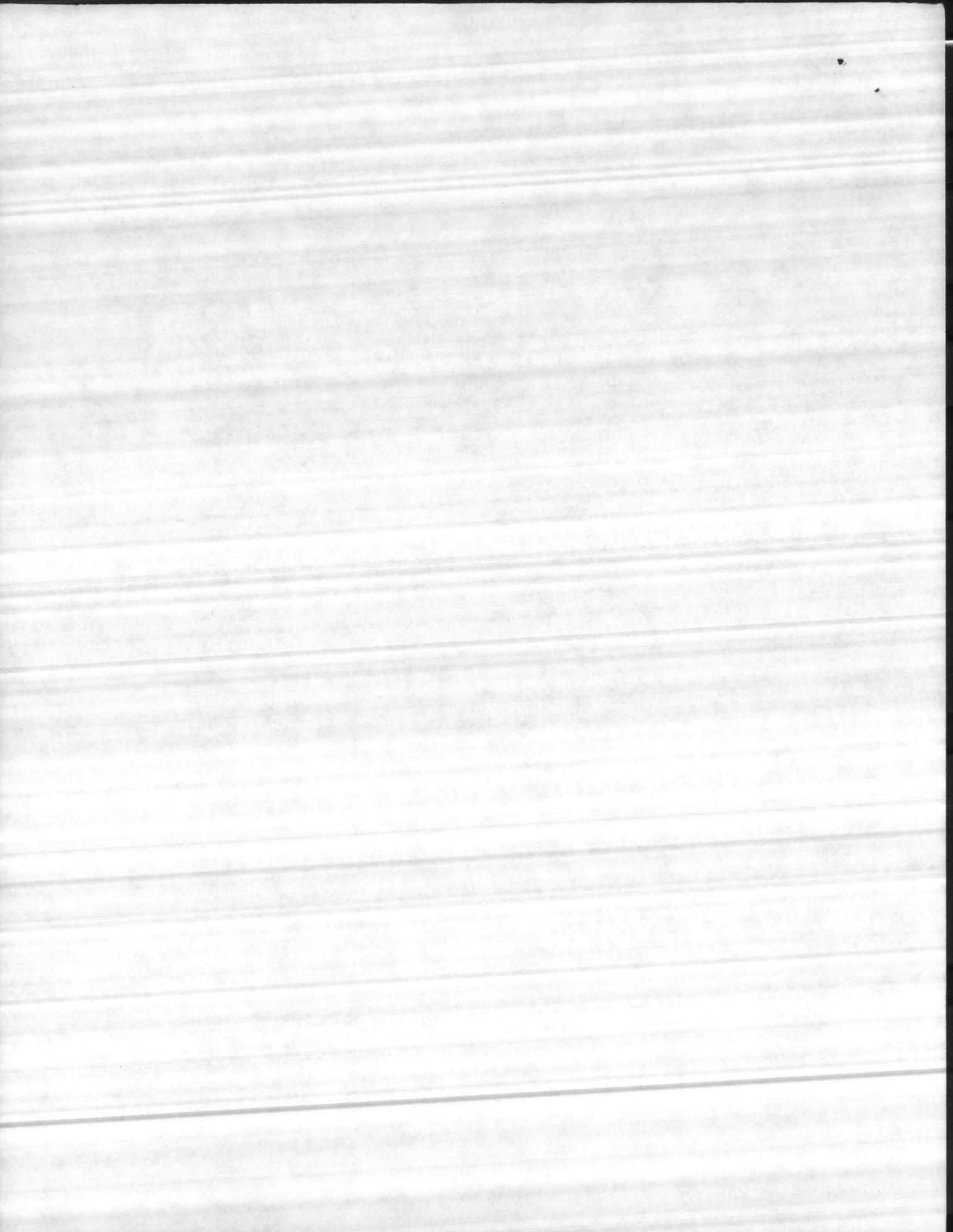
1,715

1. Hazard reduction
2. Wildlife Habitat improvement

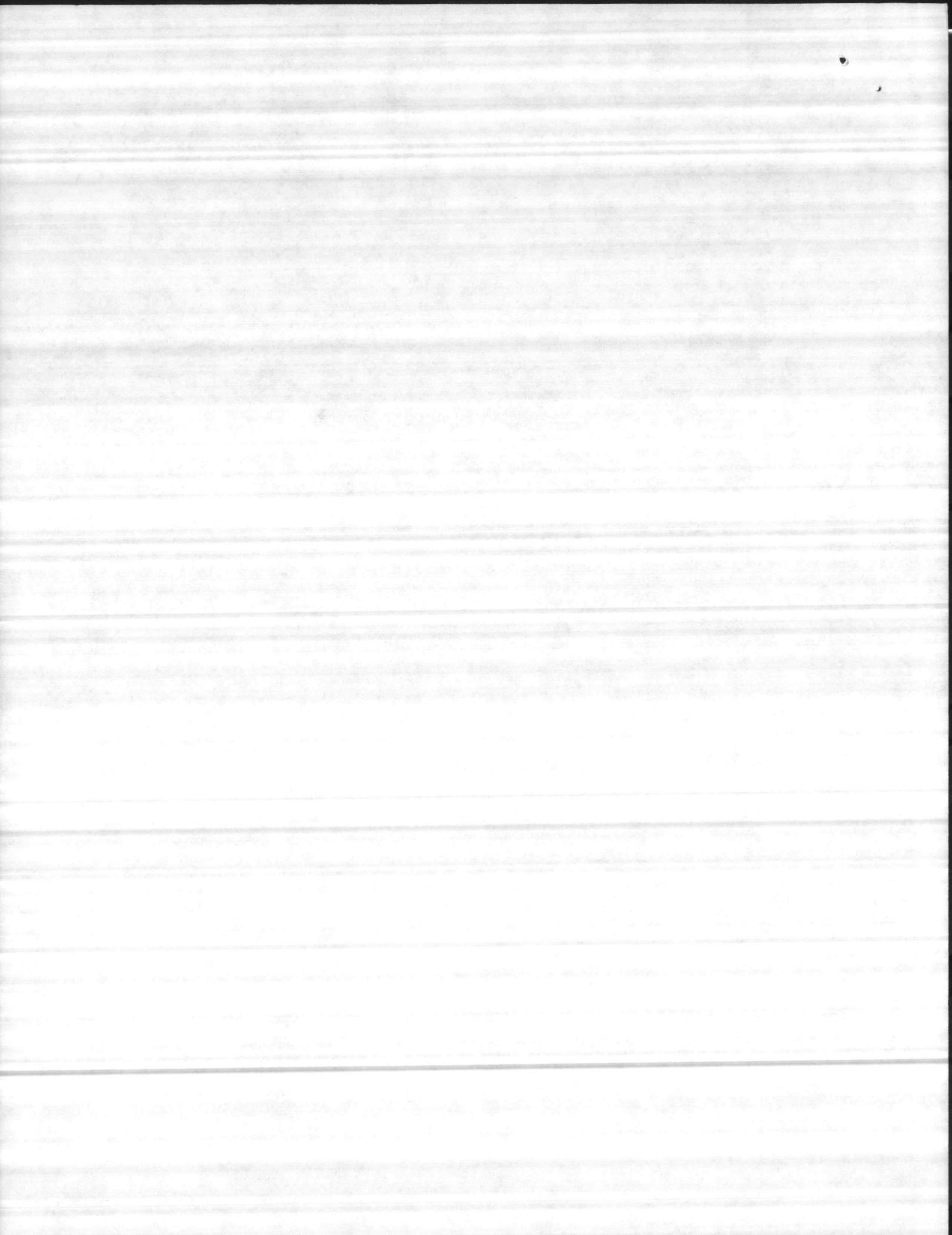
1. Smoke sensitive areas
  - A. NC - 172
  - B. Sneads Ferry Road
  - C. Engineers School
2. Coordinate with:
  - A. AC/S; T & O
  - B. Base Fire Department
  - C. Commander G-4 Range Complex



AREA TO BE BURNED	ACRES TO BURN	PURPOSE OF THE BURN	ENVIRONMENTAL AND MANAGEMENT CONSIDERATIONS AND COMMENTS
Red-Cockaded Woodpecker Habitat		1. Habitat improvement	1. Smoke sensitive areas A. US - 17 B. Verona Loop Road
Area 1-1	80		
1-2	62		
1-3	68		2: Coordinate with:
1-4	134		A. AC/S; T & O
1-5	32		B. Base Fire Department
			C. Base Wildlife Manager
TOTAL	376		3. Plow miles of containment line



AREA TO BE BURNED	ACRES TO BURN	PURPOSE OF THE BURN	ENVIRONMENTAL AND MANAGEMENT CONSIDERATIONS AND COMMENTS
Range and Impact Areas		1. Hazard reduction	1. Smoke sensitive areas
F-2 & 5	147		A. NC - 24 & 172
			B. US -17
F-3	326		C. Lyman, Sneads Ferry & Verona Loop Roads
F-4	4		D. Industrial Complex
F-12	333		E. Air Station Approach Zone
F-18	61		F. Base Magazine Area
L-5	136		G. G-4 Range Complex
BO-14	9		2. Coordinate with:
			A. AC/S; T & O
G-10	5,779		B. Base Fire Department
BT-3	1,321		C. Base EODO for plowing and burning on required ranges
K-2	3,472		
TOTAL	11,588		3. Plow miles of containment line





UNITED STATES MARINE CORPS

MARINE CORPS AIR STATION  
NEW RIVER, JACKSONVILLE  
NORTH CAROLINA 28545-5001

IN REPLY REFER TO:

11000

S-4

30 Jul 86

From: Commanding Officer, Marine Corps Air Station, New River  
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina (Attn: AC/S Facilities)

Subj: PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA); SUBMISSION OF

Ref: (a) BC 11000.1B

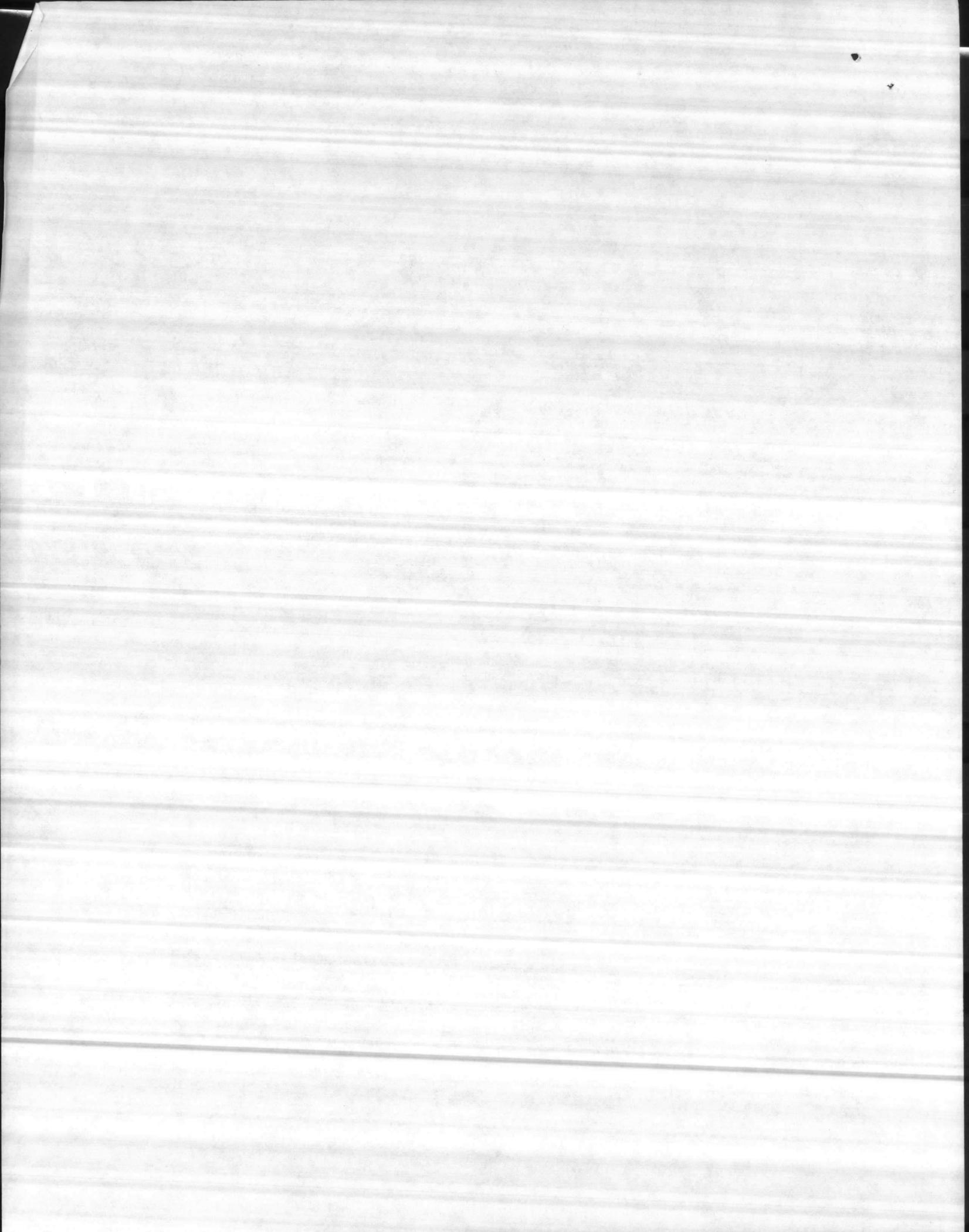
Encl: (1) PEA for P-433, Corrosion Control Facility  
(2) PEA for P-497, Ordnance Building  
(3) PEA for P-506, Aviation Armament Shops (2)

1. Enclosures (1) through (3) are forwarded in accordance with the reference for consideration by the Environmental Assessment Impact Review Board.

2. The proposed projects will have no significant adverse effect on the environment.

3. For further information contact Ms. Lou Hughs at 451-6506/6518.

*R. S. Murray*  
R. S. MURRAY  
By direction



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW

1. Action Sponsor: Marine Corps Air Station (Helicopter), New River

2. Name, Address, Phone Number of Point of Contact: Mr. F. E. Acosta or Ms. L. Hughs at 451-6506/6518

3. Corrosion Control Hangar, P-433

The purpose of the proposed facility is to provide year round corrosion control with the proper environmental constraints. The facility will support the 200 plus Fleet Marine Force (FMF) aircraft attached to Marine Aircraft Groups Twenty-six and Twenty-nine.

The Corrosion Control Facility is tentatively scheduled for fiscal year 1989.

All environmental protection regulations will be strictly adhered to (i.e., oversized floor drains with removable protable traps, waterfall type exhaust system, adequate hazard waste disposal, specific storage areas for paint, chemicals, nonmixable products, and lead lined x-ray rooms).

4. Location: See attached Site Location map.

5. Potential Environmental Impact/Considerations:

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? No Will there be any paint booths, solvent vats, degreasers or other-vapor-producing industrial processes involved? Yes Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? No Will there be an increase in level of soil disturbance/damage to vegetation? No Will there be one acre or more of land disturbed? No

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any than excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? Yes Will there be a net increase of solid waste caused by implementing the project/action? No Will the project or action be carried out within 200 feet of a drinking water supply well? No

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? No Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? Yes

Will there be an increase in erosion/siltation from soil disturbing activity?  
No Will petroleum oil and lubricants be routinely stored or used at the  
site? No Will the project increase rates of surface/storm water run-off?  
No

e. Natural Resources: Will there be a loss of forest land? No Will  
public access for hunting, boating, fishing, etc., be restricted? No Is  
there a change in land use from what is presently shown in Base Master Plan?  
No Will removal of existing vegetation be required? Yes Are there any  
known effects on any endangered species? No Does the project involve the  
purchase or sale of any real estate? No

f. Socio-Economic Considerations: Will the project cause an increase/  
decrease in on or off-base military population? No Will there be any  
increased demand on a local or state government to provide services? No  
Will there be any changes to traffic flow and patterns on or off-base persons  
or property? No Is there any known controversy associated with the type  
of project or action proposed? No Are there any historical or archae-  
ological sites affected by project/action? No

11000/5  
NREAD  
10 Sep 86

**From:** Director, Natural Resources and Environmental Affairs  
Division, Marine Corps Base, Camp Lejeune  
**To:** Assistant Chief of Staff, Facilities, Marine Corps Base,  
Camp Lejeune

**Subj:** ENVIRONMENTAL IMPACT ASSESSMENT

**Ref:** (a) BO 11000.1B  
(b) Mtg btw LtCol Buckner, TFO and Peter Black, NREAD  
on 10 Sep 86

**Encl:** (1) Preliminary Environmental Assessment (PEA) on FY-87  
Harvesting for Forestry Branch, NREAD

1. The enclosure has been compiled and is submitted as required by reference (a). During reference (b) an advance copy of the enclosure was provided for review and comment. It is recommended that the enclosure be processed by the Environmental Impact Review Board, as submitted.

J. I. WOOTEN

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From: Director, National Resources and Environmental  
Division, State Corps, 10000  
To: Regional Office of State, 10000  
Camp, 10000

Subject: ENVIRONMENTAL IMPACT STATEMENT

Re: 10000  
10000 and 10000  
10000

10000  
10000

1. The enclosed has been reviewed and is submitted as a  
copy of the report. It is recommended that the  
report be reviewed for review and comment. It is  
recommended that the enclosed be reviewed by the  
Regional Office.

10000

COMPARTMENT TIMBER SALES FY-87

REQUEST FOR ENVIRONMENTAL IMPACT REVIEW:

1. Action Sponsor: Director, Natural Resources and Environmental Affairs Division, Marine Corps Base, Camp Lejeune, North Carolina.
2. Name, address, phone number of point of contact:  
Peter E. Black, Base Forester, Building 1103, Marine Corps Base, Camp Lejeune, North Carolina, telephone 451-2195.
3. Title and brief description of proposed action:  
Scheduled compartment sales of merchantable timber and associated site preparation treatment practices for Compartments 8, 14, 53 and Road Side Zone Thinning aboard Camp Lejeune, North Carolina.

The proposed timber harvests will be affected through timber sale contracts administered by the Resident Officer in Charge of Construction, Jacksonville, North Carolina. The purpose of the harvests is as follows:

- a. To generate income available from the sale of stumpage.
- b. To improve vigor, quality and growth rates of residual timber. ---
- c. To regenerate selected stands as required to develop and maintain a balanced even age - one hundred year rotation.
- d. Reduce susceptibility of timber to disease/insect infestations.
- e. Wildlife habitat improvement.

The proposed harvests will implement the multiple use objectives of the Natural Resources Management Plan for Camp Lejeune. The plan was developed in 1975 in accordance with MCP P11000.8B, MCO P11000.5 and MCO P11000.7. Income produced is utilized for the funding of the Navy Forest Management Program. Approximately 40% of the net profits will go to local governments for use on roads and schools.

The timber harvesting methods and associated site preparation treatments practiced are summarized as follows:

a. Intermediate Cuts

(1) Low-thinning: In a low thinning, smaller trees are removed from the lower crown canopy. The low thinning simulates thorough harvesting the natural extermination of the smaller, less vigorous trees. No associated site preparation treatment is required.

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(2) Leave-tree Thinning: In a leave-tree thinning, the number of trees to be left after thinning is determined by the prevailing diameter of the large, better formed and faster growing trees in the area. Larger, better formed and faster growing trees to be left are marked with blue paint and the smaller, less vigorous trees are marked with red, yellow or orange paint and removed. No associated site preparation treatment is required.

(3) Pine Only Thinning: The pine trees, in a mixed pine/hardwood area, are thinned by a low thinning. This is used when the hardwood trees in the area would not be thick enough to fully utilize the available growing space. No associated site preparation treatment is required.

(4) Pine Only Removal: All the pine trees are removed from a pine/hardwood stand in a single cutting. This cut is used when the remaining hardwood is thick enough to fully utilize the available growing space. No associated site preparation treatment is required.

b. Regeneration Cuts for Pine

(1) Clearcutting: Clearcutting is the removal of all merchantable trees in one cutting. After completion of the harvest cut, site preparation follows. The unmerchantable trees are sheared at ground level by using a crawler tractor with a KG blade. The resulting debris along with logging slash is then piled by using a crawler tractor with root rake. The area is then bedded by using a crawler tractor and a bedding harrow. These operations are not routinely scheduled between 1 April and 1 August because of possible adverse impact upon wildlife populations. Following this site preparation, the area will be planted by machine planter or by hand, which occurs between 1 December and 1 April.

(2) Seedtree: A seedtree cut is removal of all merchantable stems in one cutting except for a small number of good quality, evenly distributed trees capable of producing seed which will reforest the site. Because pine seed are very light, site preparation is usually required. Site preparation methods routinely used are (1) using a drum chopper pulled by a crawler tractor; (2) using a drum chopper pulled by a crawler followed by a site preparation burn, or (3), by a crawler tractor equipped with a KG blade to shear unmerchantable trees, followed by windrowing with a crawler tractor with a root rake. The use of these three site preparation techniques is governed by the amount of debris remaining on the site following logging. These operations are not routinely scheduled between 1 April and 1 August because of possible adverse impact on wildlife populations. After the site has become adequately stocked, the seedtrees will then be removed by conventional logging methods.

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(3) Shelterwood: A shelterwood is the removal of mature timber in a series of cuttings which extend over a relatively short period of the rotation. Regeneration is established naturally over a period of years under the shelter of the remaining trees. This is generally utilized for the regeneration of longleaf pine. Site preparation consists of using a drum chopper or heavy disc pulled by a crawler tractor. These two alternatives will not be routinely scheduled between 1 April and 1 August because of possible adverse impact on wildlife populations. After the site has become adequately stocked, the shelterwood seed source is then removed by conventional logging methods.

c. Regeneration Cuts for Hardwood

(1) Clearcutting: Clearcutting is the removal of all merchantable trees in one cutting. Remaining cull of small trees will be killed or cut to release the more valuable intolerant species that will regenerate. Regeneration of hardwoods by clearcutting depends on advance reproduction and sprouts from stumps or root systems from the trees that were removed. Mechanical site preparation is not routinely required.

(2) Shelterwood: A shelterwood is a removal of mature timber in a series of cuttings which extend over a relatively short period of the rotation. Removal of the less valuable tolerant species is the first step which will allow the establishment of seedlings from the intolerant hickory, beech and oak. While the intolerant reproduction is reaching adequate size, the remaining overstory is removed in a series of cuts. Mechanical site preparation is not routinely required.

4. Location: Areas to be harvested are shown on the attached maps, including keys showing the type of harvest proposed.

5. Potential Environmental Impact/Consideration

a. Air Quality:

(1) Will there be any open burning associated with the project/action? YES (Note 1: There will be some burning for site preparation after the logging operations have been completed. This activity will be conducted under forest management guidelines and should pose no adverse environmental impact.)

(2) Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO

(3) Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? NO

(4) Will the project involve the use or disposal of asbestos? NO

(5) Will the project cause dust problems? NO



b. Land Quality:

(1) Will the action require use of significant amount of earthen fill material? NO

(2) Will there be an increase in level of soil disturbance/damage to the vegetation? YES (Note 2: Soil erosion and runoff will increase temporarily but should not pose any significant problems. Logging decks and skid trails will be seeded after completion of operations.)

(3) Will there be one acre or more of land cleared/disturbed? YES

c. Groundwater Quality:

(1) Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO

(2) Does the project involve installation/use of septic tanks or other on-site disposal of sanitary waste? NO

(3) Will there be any wells dug or any excavations deeper than 20 feet? NO

(4) Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? YES (Note 3: Logging equipment will be refueled and lubricated on the job. Contractor is required by contract to prevent spills, report spills to Base authorities and to remove all waste petroleum products from work site and dispose of properly.)

(5) Will there be a net increase of solid waste caused by implementing the project/action? NO

(6) Will the project or action be carried out within 200 feet of a drinking water supply well? YES (Note 4: There are twelve drinking water supply wells in or near stands proposed for logging operations in Compartments 8, 53 and the Road Side Zone Thinning. These wells will not be affected by the proposed action and there will not be an adverse impact on the drinking water supply.)

d. Surface Water Quality:

(1) Is the project located on or in a water body or adjacent 100-year flood plain? YES (Note 5: No construction of facilities is proposed; therefore, federal restrictions on flood plain development are not applicable).

(2) Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO

(3) Will all wastewater be connected to sanitary sewer? NO

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(4) Will there be an increase in erosion/siltation from soil disturbing activity? YES (See 5b(2) above)

(5) Will petroleum oil and lubricants be routinely stored or used at the site? YES (See 5c(4) above)

(6) Will the project increase rates of surface/storm water run-off? YES (See 5b(2) above)

e. Natural Resources:

(1) Will there be a loss of forestland? NO

(2) Will public access for hunting, boating, fishing, etc. be restricted? NO

(3) Is there a change in land use from what is presently shown in Base Master Plan? NO

(4) Will removal of existing vegetation be required? YES  
(Note 6: Prescribed treatment is consistent with standard forestry and wildlife management practices. Effects on wildlife are generally temporary in nature and will not significantly affect any species. Proposed action is consistent with current management objectives contained in the Base Long Range Natural Resources Management Plan.)

(5) Are there any known effects on any endangered species?  
NO

(6) Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations:

(1) Will the project cause an increase/decrease in on or off-base military population? NO

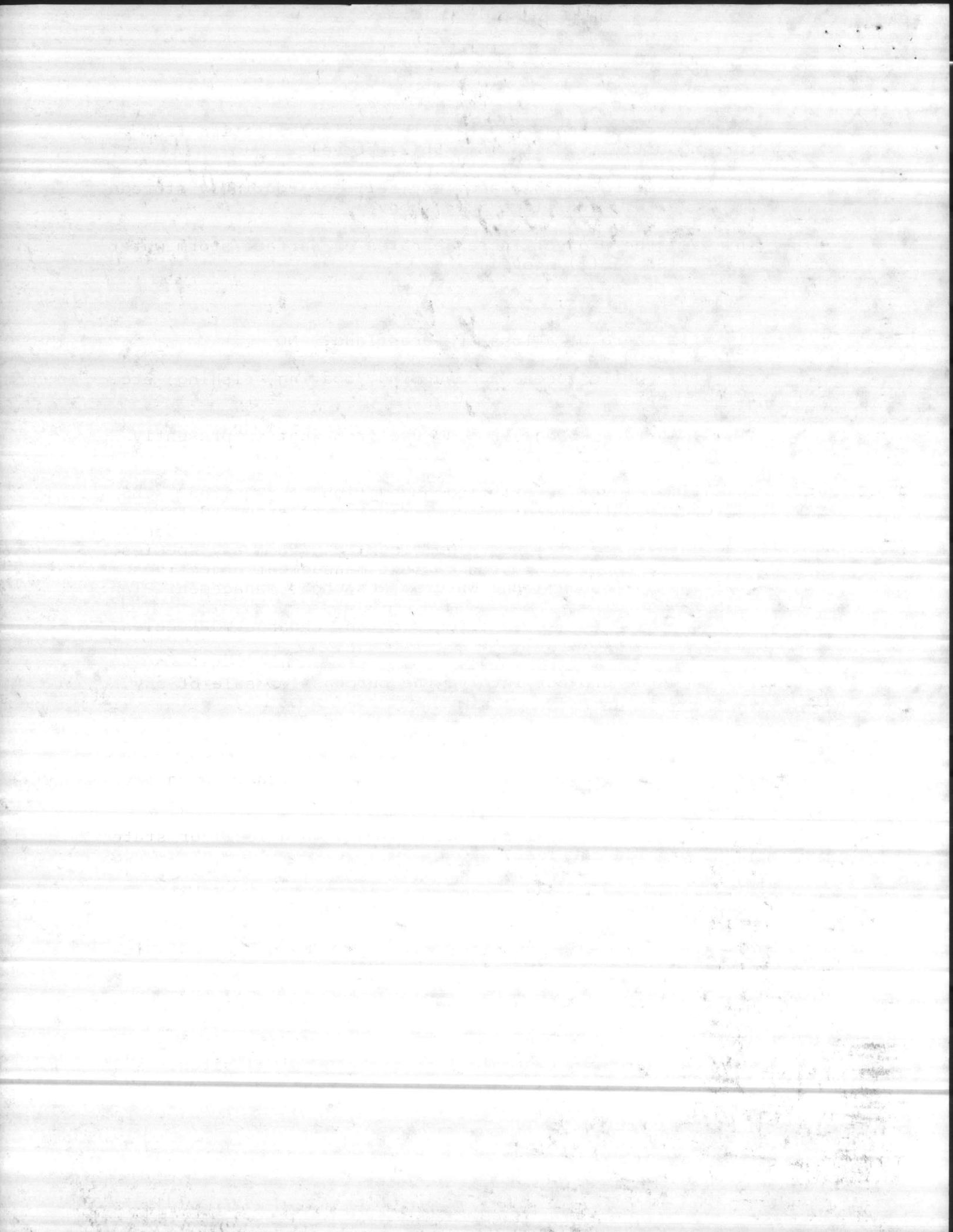
(2) Will there be any increased demand on a local or state government to provide services? NO

(3) Will there be any changes to traffic flow and patterns on or off-base? NO

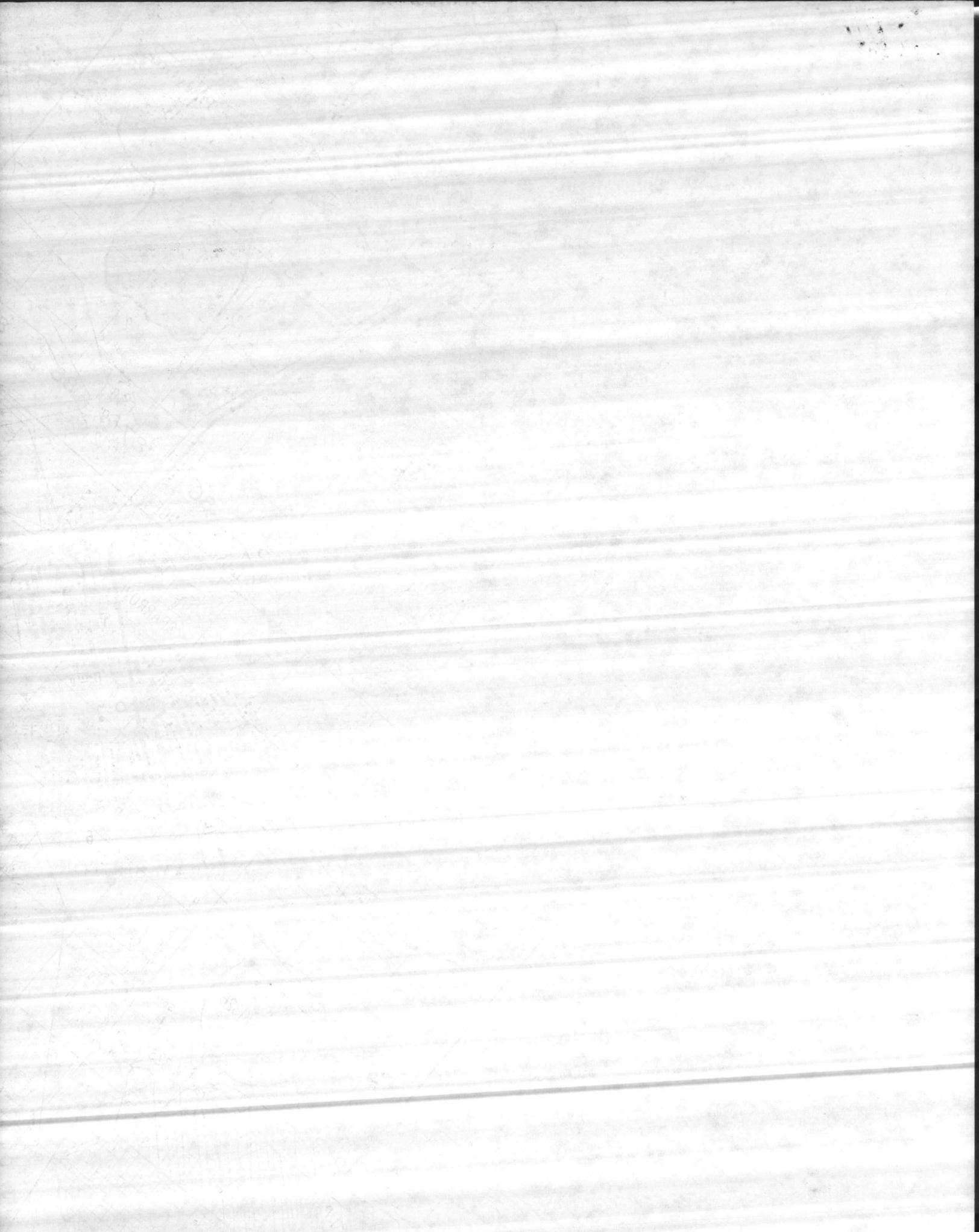
(4) Will any noise, traffic, dust, etc. be generated which may affect off-base persons or property? NO

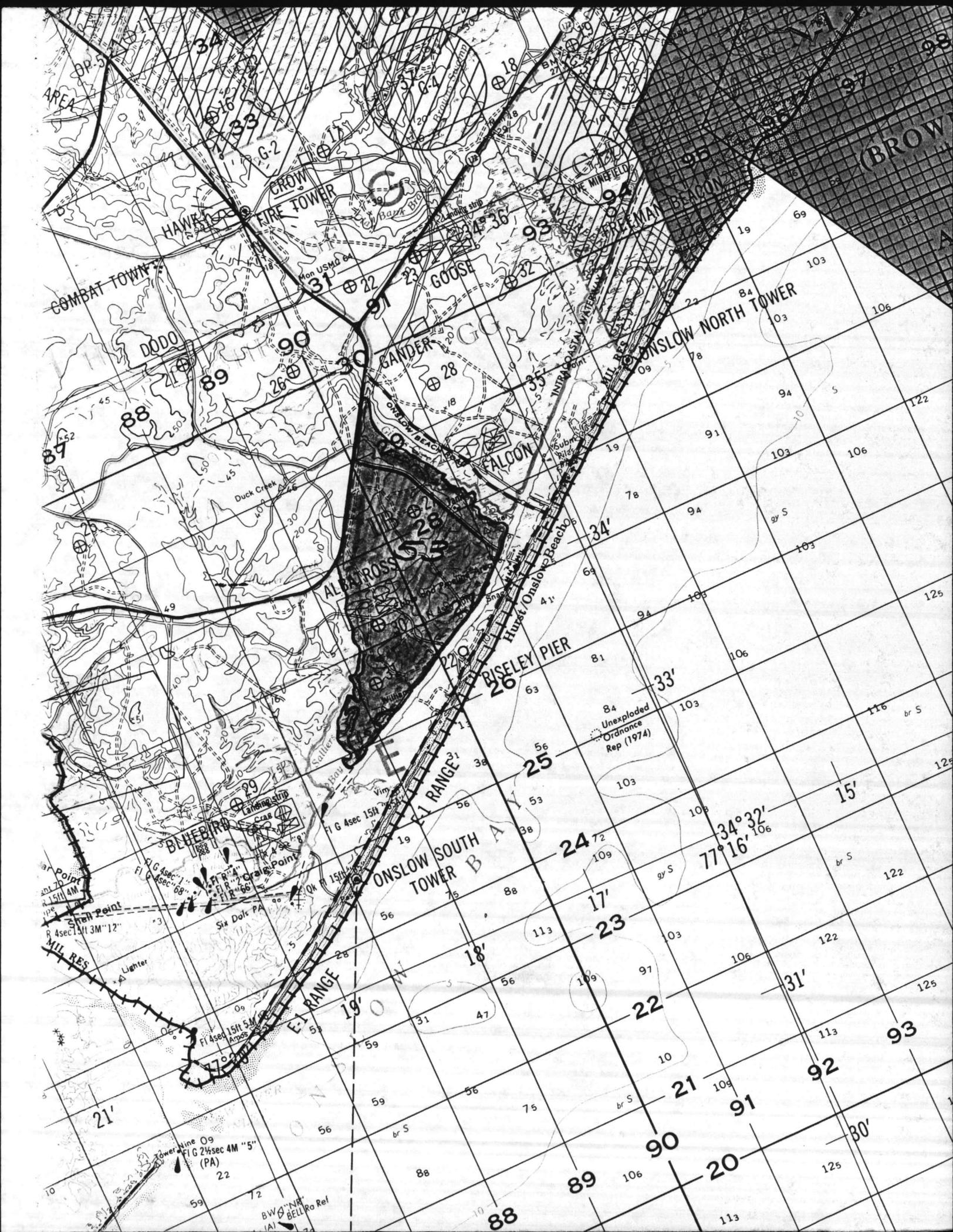
(5) Is there any known controversy associated with the type of project or action proposed? NO

(6) Are there any historical or archaeological sites affected by project/action? NO



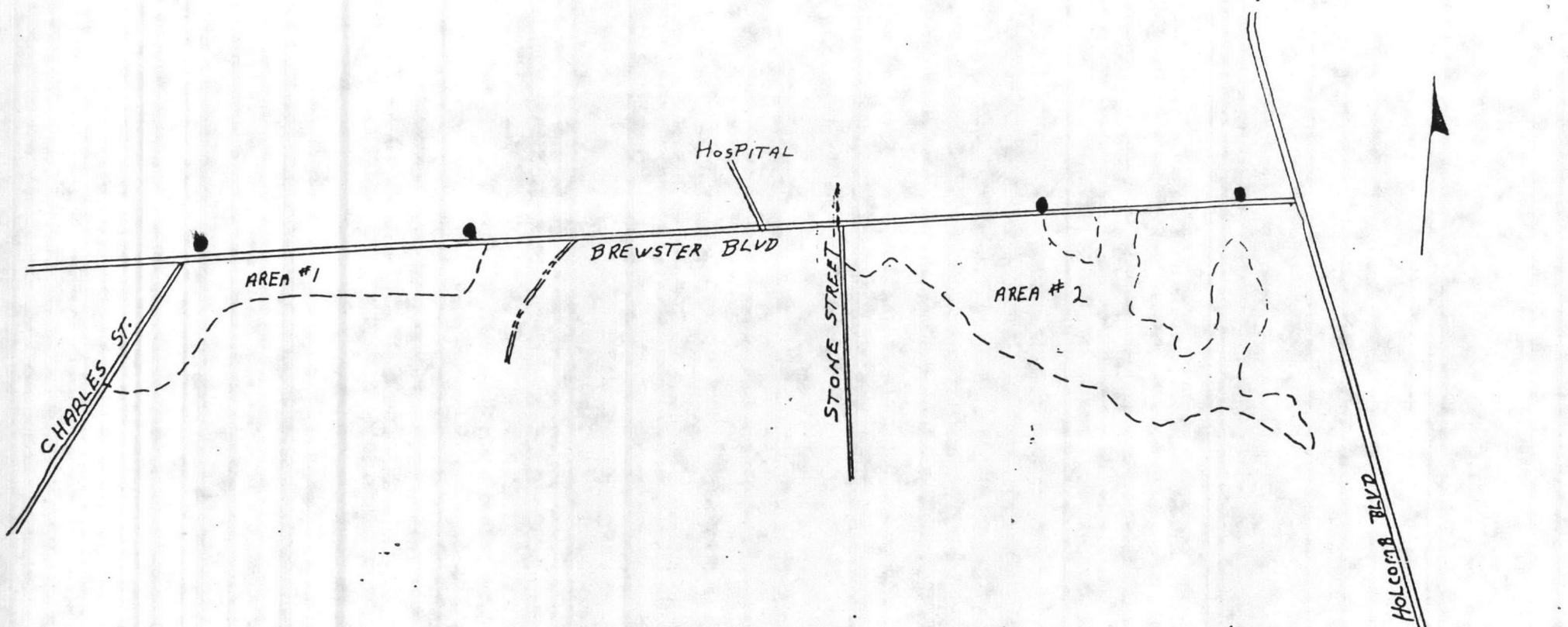






FROM NORTH TOWER

05



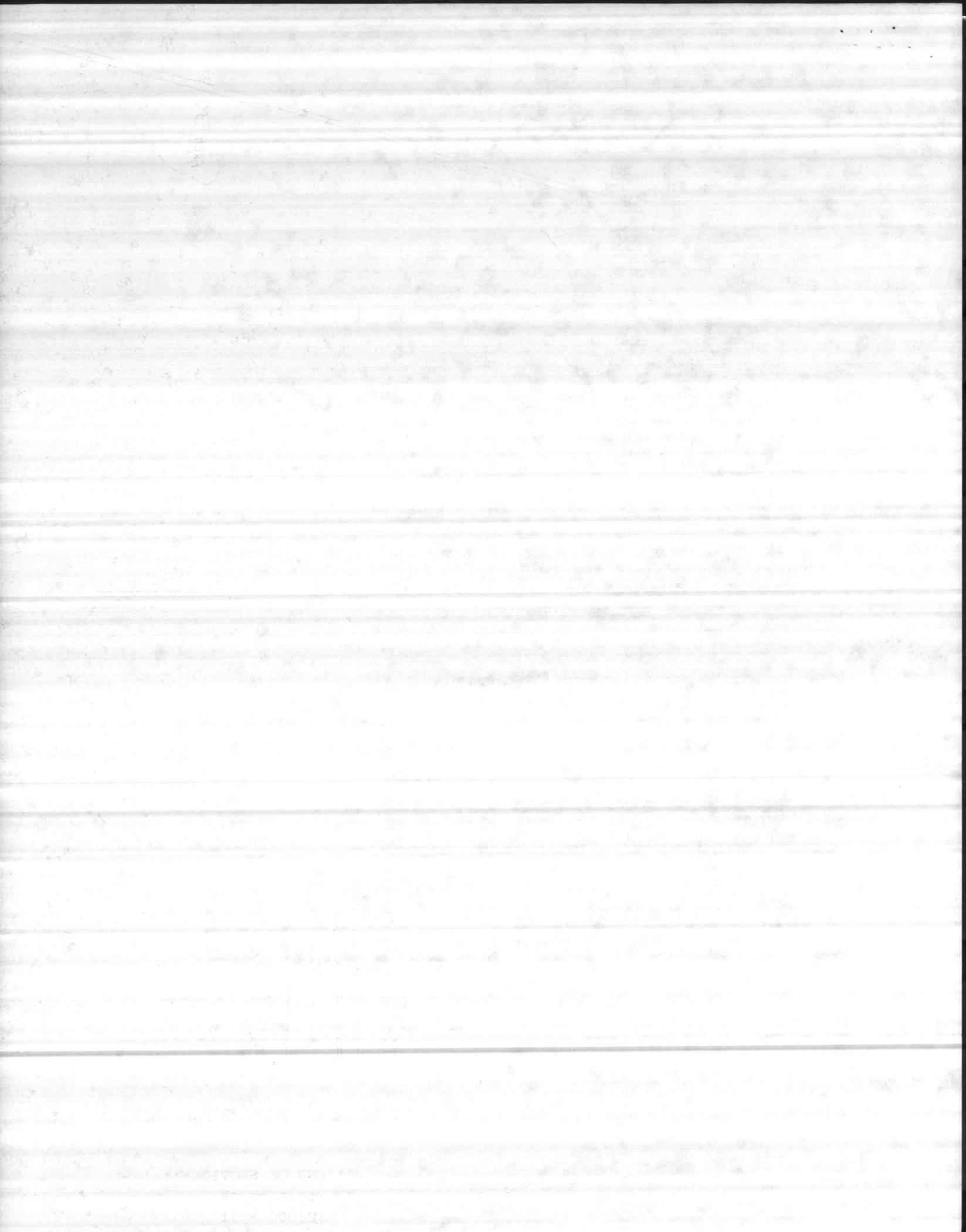
TIMBER SALE, ROADSIDE ZONE THINNING

- ==== Paved Road
- ===== DIRT Road
- Stand Boundary
- ← Creek

DRINKING WATER  
Supply Well

\*\*\*END OF SECTION\*\*\*

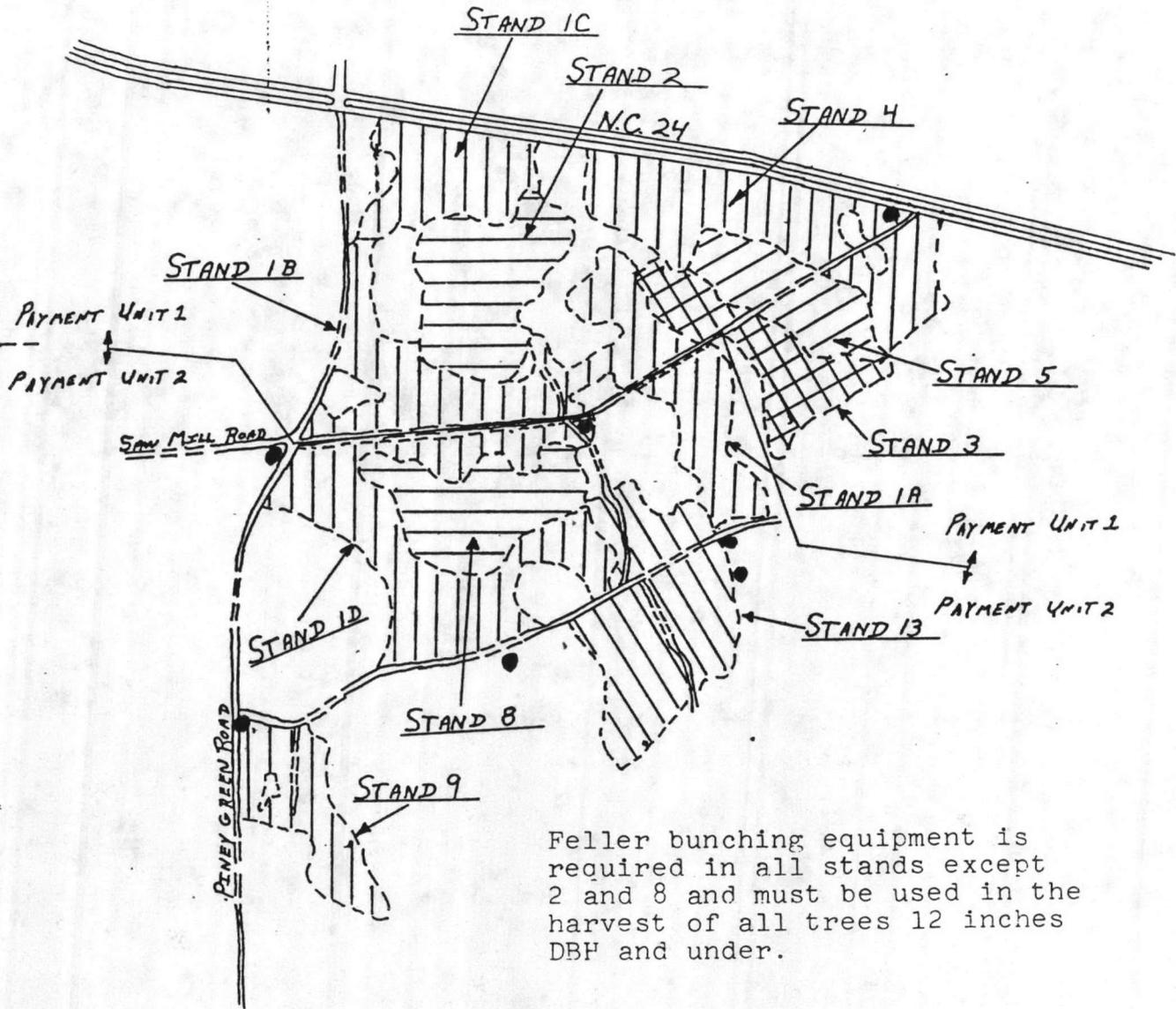
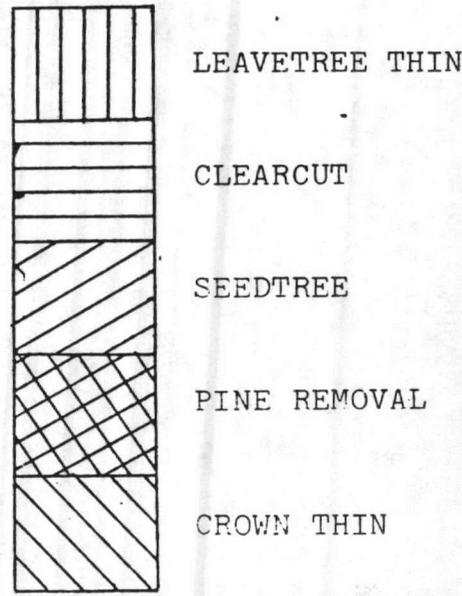
02000 - 11



TIMBER SALE  
COMPARTMENT 8

PAVED ROAD   
DIRT ROAD   
STAND BOUNDARY 

1 in = 20 cms



Feller bunching equipment is required in all stands except 2 and 8 and must be used in the harvest of all trees 12 inches DBH and under.

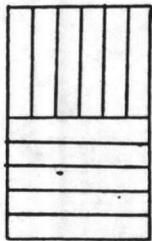
• DRINKING WATER  
Supply Well



TIMBER SALE

COMPARTMENT 53

PAVED ROAD   
DIRT ROAD   
STAND BOUNDARY   
CREEK 



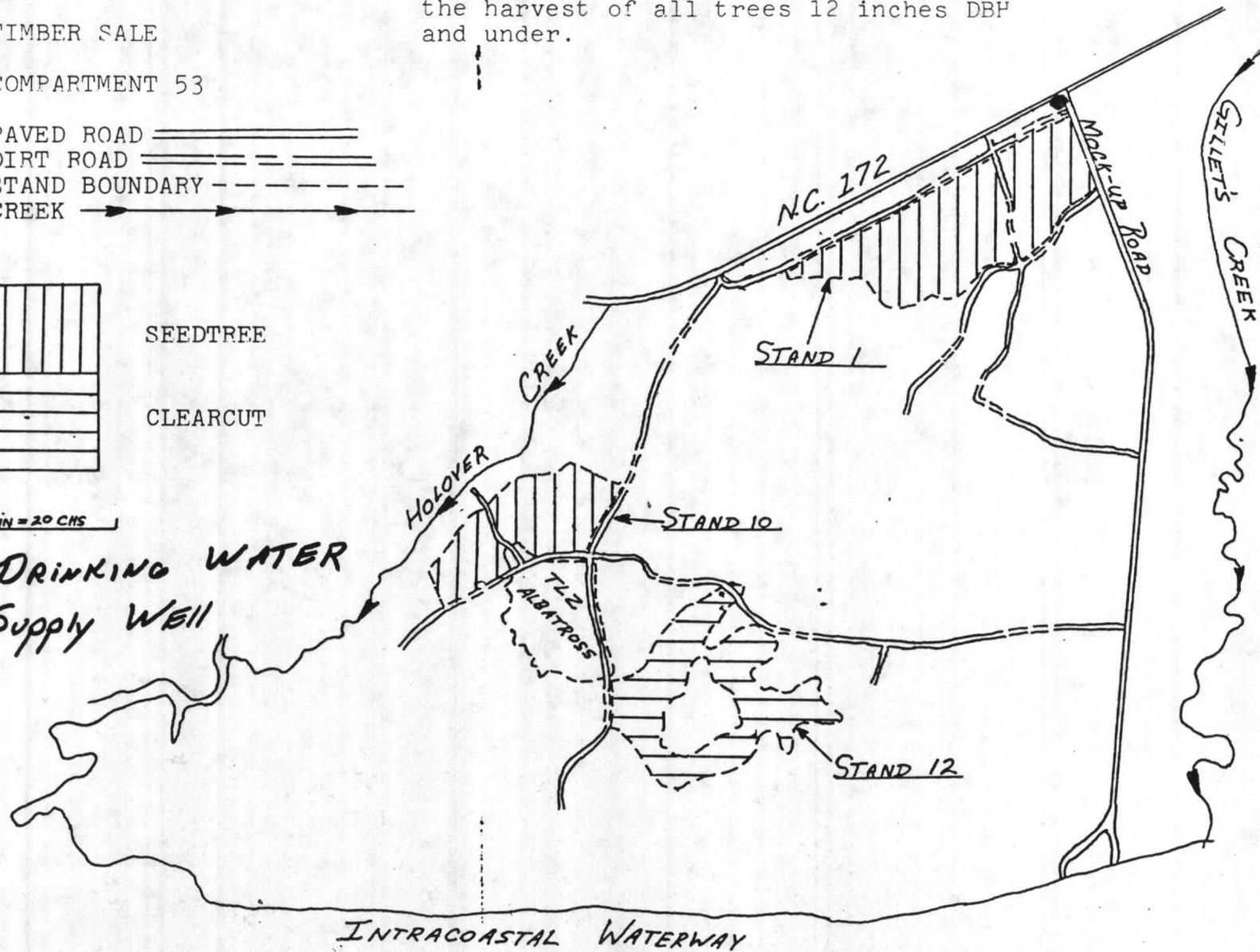
SEEDTREE

CLEARCUT

1 IN = 20 CHS

● DRINKING WATER  
Supply Well

Feller bunching equipment is required  
in stands 1 and 10 and must be used in  
the harvest of all trees 12 inches DBH  
and under.



INTRACOASTAL WATERWAY

W. 2000 M. 10



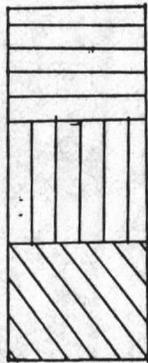
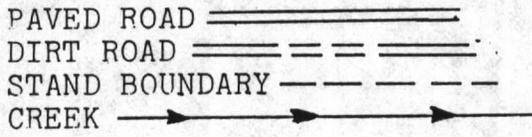
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*[The remainder of the page contains extremely faint, illegible handwriting and markings, likely bleed-through from the reverse side of the paper.]*

TIMBER SALE

COMPARTMENT 14



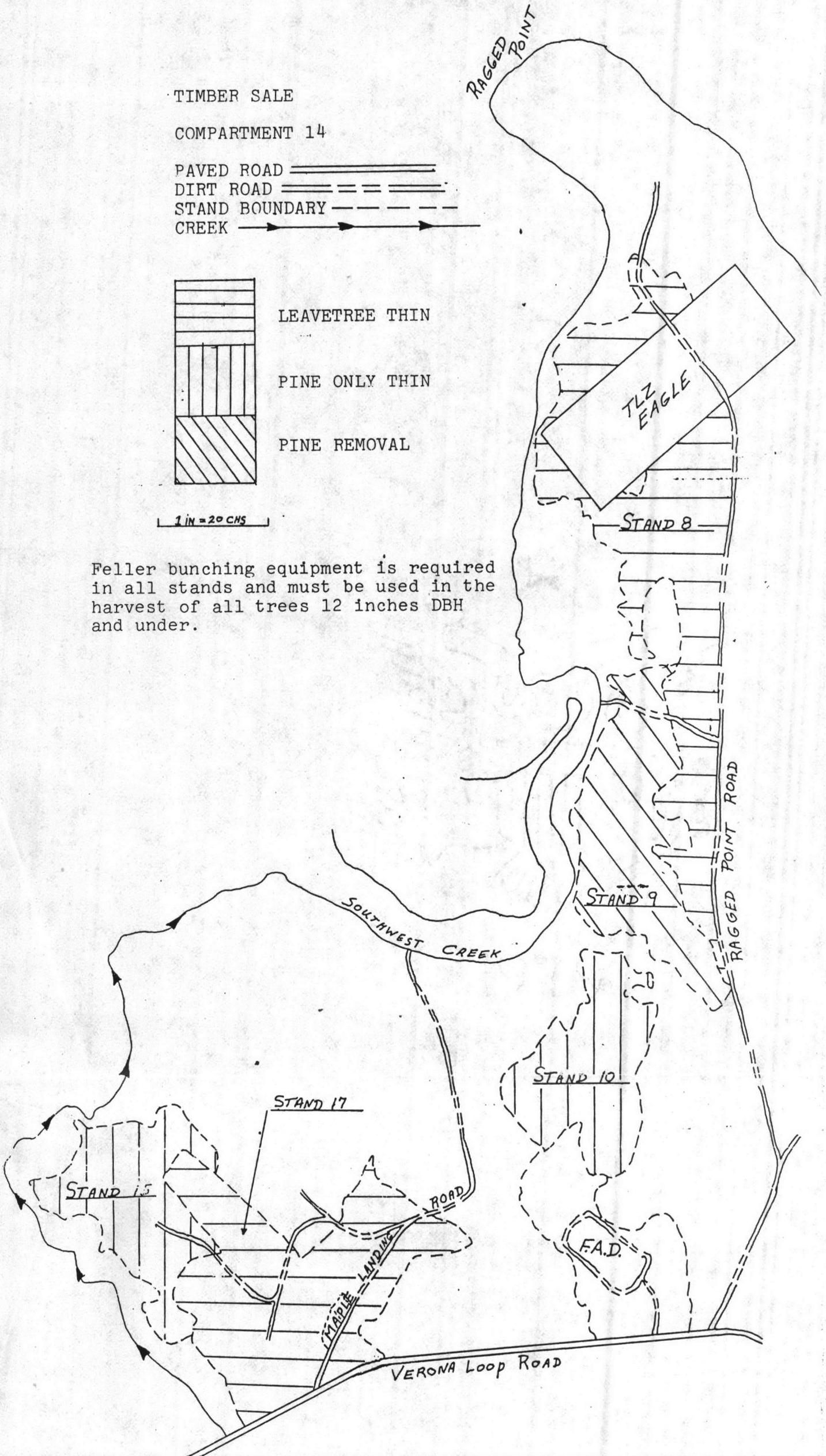
LEAVETREE THIN

PINE ONLY THIN

PINE REMOVAL

1 in = 20 CHS

Feller bunching equipment is required in all stands and must be used in the harvest of all trees 12 inches DBH and under.





THE STATE OF TEXAS,  
 COUNTY OF DALLAS,  
 SS. I, the undersigned, a Notary Public in and for the State of Texas, do hereby certify that the foregoing is a true and correct copy of the original as the same appears from the records of the County of Dallas, State of Texas, in and to which said original is on file and recorded.  
 My Commission Expires \_\_\_\_\_



THE STATE OF TEXAS,  
 COUNTY OF DALLAS,  
 SS. I, the undersigned, a Notary Public in and for the State of Texas, do hereby certify that the foregoing is a true and correct copy of the original as the same appears from the records of the County of Dallas, State of Texas, in and to which said original is on file and recorded.  
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 My Commission Expires \_\_\_\_\_

*JW*

UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542-5001

11013  
FAC

19 SEP 1986

Mr. C. D. Adkins, Manager  
Planning and Research Branch  
N.C. Division of Highways  
P.O. Box 25201  
Raleigh, North Carolina 27611

Re: Environmental Assessment

Dear Mr. Adkins:

As provided by your letter of August 6, 1986, the Environmental Assessment for Federal Aid Project, NC 172, Bridge #17 over New River, Onslow County, State Project 8.1260601, has been reviewed and concurred in. However, during the design stage, request you contact the Assistant Chief of Staff, Facilities to determine the site for the relocation of the Marine Corps Guard House at the Sneads Ferry Gate.

Sincerely,

K. J. KIRIACOPOULOS  
Lieutenant Colonel, U. S. Marine Corps  
Facilities Management Officer  
By direction of the Commanding General

Blind Copy to:

→ NREAD

FacMgmtO

UNITED STATES MARINE CORPS

Marine Corps Base

Marine Corps Base, P.O. Box 25201

11013

RAC

19 SEP 1988

Mr. C. D. Atkins, Manager  
Planning and Research Branch  
W.C. Division of Highways  
P.O. Box 25201  
Raleigh, North Carolina 27611

Re: Environmental Assessment

Dear Mr. Atkins:

As provided by your letter of August 6, 1988, the Environmental Assessment for Federal Aid Project, NC 173, Bridge #17 over New River, Onslow County, State Project 8.1200501, has been reviewed and concurred in. However, during the design stage, request you contact the Assistant Chief of Staff, Facilities to determine the site for the relocation of the Marine Corps Guard house at the Sneads Ferry Gate.

Sincerely,

R. J. KIRIACOPoulos  
Lieutenant Colonel, U. S. Marine Corps  
Facilities Management Officer  
By direction of the Commanding General

Kind Copy to:  
RAC  
PACOMTC

11000/5  
NREAD  
22 Aug 86

From: Director, Natural Resources and Environmental Affairs  
Division, Marine Corps Base, Camp Lejeune  
To: Assistant Chief of Staff, Facilities, Marine Corps Base,  
Camp Lejeune

Subj: ENVIRONMENTAL IMPACT ASSESSMENT

Ref: (a) BO 11000.1B

Encl: (1) Preliminary Environmental Assessment (PEA) on FY-87  
Harvesting for Forestry Branch, NREAD

1. The enclosure has been compiled and is submitted as required by the reference. It is recommended that the enclosure be processed by the Environmental Impact Review Board, as submitted.

J. I. WOOTEN

1100073  
WRAD  
22 AUG 68

FROM: Director, Natural Resources and Environmental Affairs  
Division, Marine Corps Base, Camp Lejeune  
TO: Assistant Chief of Staff, Facilities, Marine Corps Base  
Camp Lejeune

SUBJECT: ENVIRONMENTAL IMPACT ASSESSMENT

REF: (a) BO 1100073

AND: (1) Preliminary Environmental Assessment (PEA) on Fy-87  
Harvesting for Forestry, Bldg. WRAD

The enclosed has been compiled and is submitted as required  
by the reference. It is recommended that the enclosed be  
processed by the Environmental Impact Review Board as submitted.

J. J. WOOTEN

COMPARTMENT TIMBER SALES FY-87

REQUEST FOR ENVIRONMENTAL IMPACT REVIEW:

1. Action Sponsor: Director, Natural Resources and Environmental Affairs Division, Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune, North Carolina.
2. Name, address, phone number of point of contact: Peter E. Black, phone 5003/2195, Forestry Branch, Natural Resources and Environmental Affairs Division, Marine Corps Base, Camp Lejeune, North Carolina.
3. Title and brief description of proposed action: Scheduled compartment sales of merchantable timber and associated site preparation treatment practices for Compartments 8, 14, 53 and Road Side Zone Thinning aboard Camp Lejeune, North Carolina.

The proposed timber harvests will be affected through timber sale contracts administered by the Resident Officer in Charge of Construction, Jacksonville, North Carolina. The purpose of the harvests is as follows:

- a. To generate income available from the sale of stumpage.
- b. To improve vigor, quality and growth rates of residual timber.
- c. To regenerate selected stands as required to develop and maintain a balanced even age - one hundred year rotation.
- d. Reduce susceptibility of timber to disease/insect infestations.
- e. Wildlife habitat improvement.

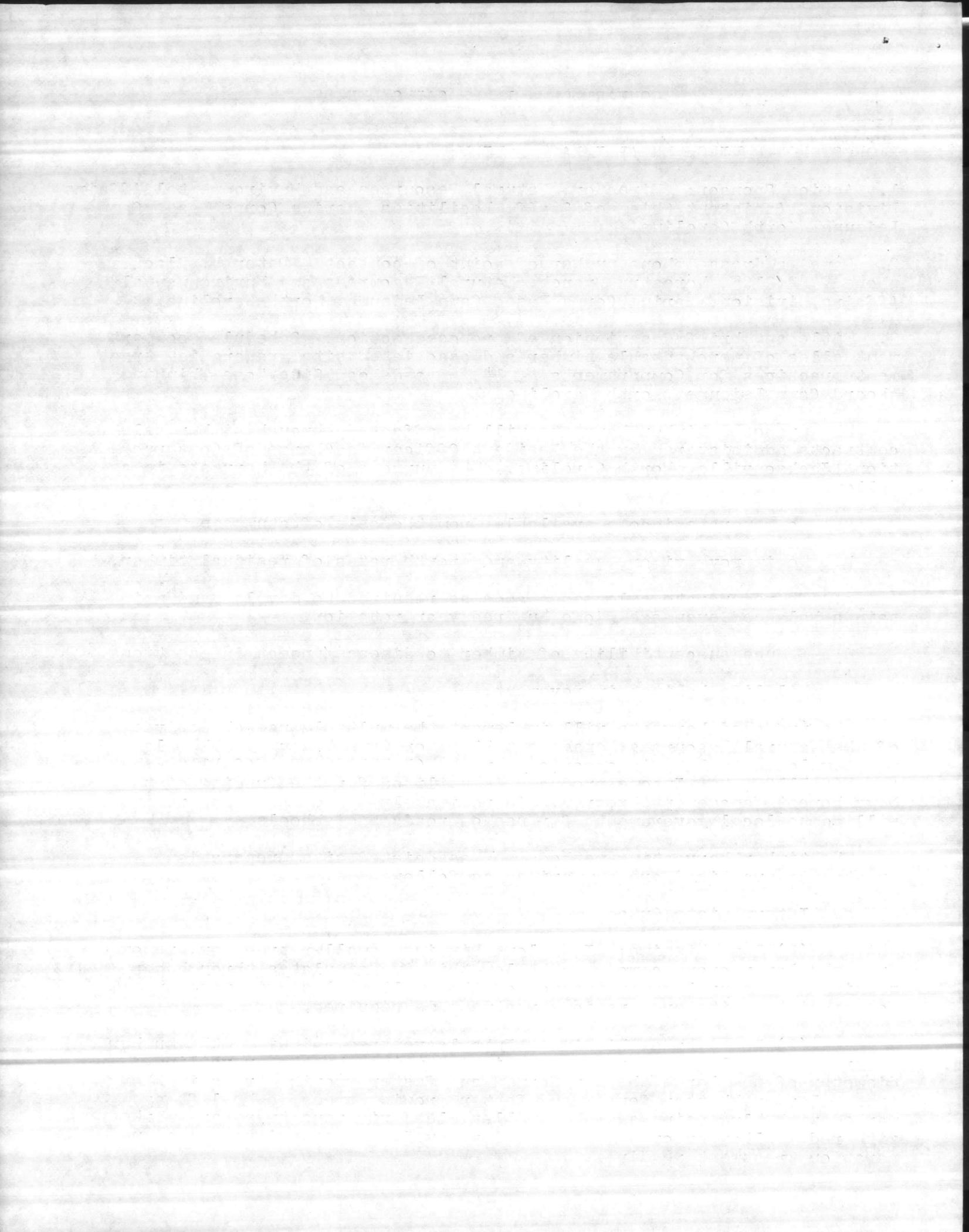
The proposed harvests will implement the multiple use objectives of the Natural Resources Management Plan for Camp Lejeune. The plan was developed in 1975 in accordance with MCP P11000.8B, MCO P11000.5 and MCO P11000.7. Income produced is utilized for the funding of the Navy Forest Management Program. Approximately 40% of the net profits will go to local governments for use on roads and schools.

The timber harvesting methods and associated site preparation treatments practiced are summarized as follows:

a. Intermediate Cuts

(1) Low-thinning: In a low thinning, smaller trees are removed from the lower crown canopy. The low thinning simulates through harvesting the natural extermination of the smaller, less vigorous trees. No associated site preparation treatment is required.

(2) Leave-tree Thinning: In a leave-tree thinning, the number of trees to be left after thinning is determined by the prevailing diameter of the large, better formed and faster growing trees in the area. Larger, better formed and faster growing trees to be left are marked with blue paint and the smaller, less vigorous trees are marked with red, yellow or orange paint and removed. No associated site preparation treatment required.



(3) Pine Only Thinning: The pine trees, in a mixed pine/hardwood area, are thinned by a low thinning. This is used when the hardwood trees in the area would not be thick enough to fully utilize the available growing space. No associated site preparation treatment is required.

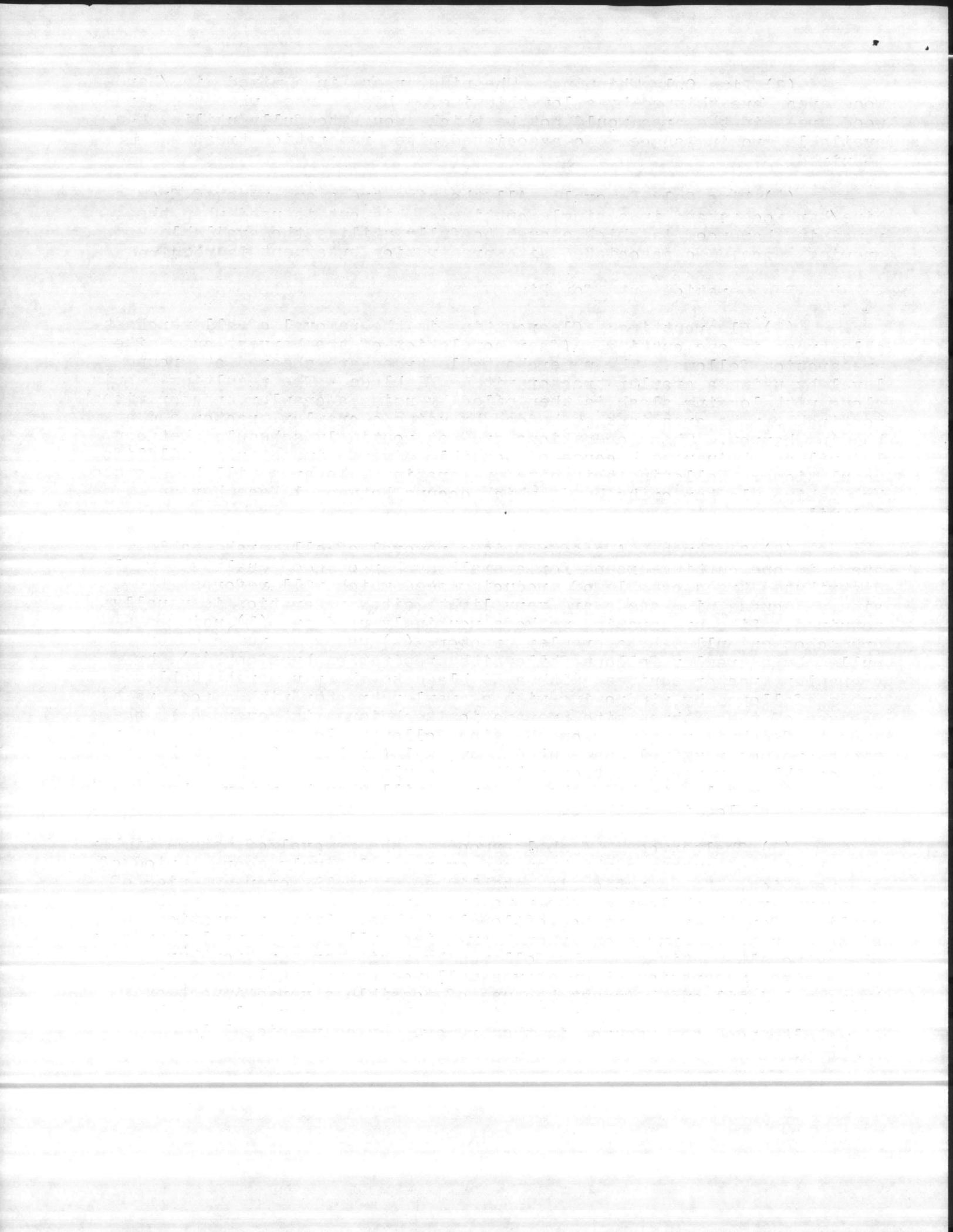
(4) Pine Only Removal: All the pine trees are removed from a pine/hardwood stand in a single cutting. This cut is used when the remaining hardwood is thick enough to fully utilize the available growing space. No associated site preparation treatment is required.

b. Regeneration Cuts for Pine

(1) Clearcutting: Clearcutting is the removal of all merchantable trees in one cutting. After completion of the harvest cut, site preparation follows. The unmerchantable trees are sheared at ground level by using a crawler tractor with a KG blade. The resulting debris along with logging slash is then piled by using a crawler tractor with a root rake. The area is then bedded by using a crawler tractor and a bedding harrow. These operations are not routinely scheduled between 1 April and 1 August because of possible adverse impact upon wildlife populations. Following this site preparation, the area will be planted by machine planter or by hand, which occurs between 1 December and 1 April.

(2) Seedtree: A seedtree is a removal of all merchantable stems in one cutting except for a small number of good quality, evenly distributed trees capable of producing seed which will reforest the site. Because pine seeds are very light, site preparation is usually required. Site preparation methods routinely used are (1) using a drum chopper pulled by a crawler tractor; (2) using a drum chopper pulled by a crawler followed by a site preparation burn; or (3), by a crawler tractor equipped with a KG blade to shear unmerchantable trees, followed by windrowing with a crawler tractor with a root rake. The use of these three site preparation techniques is governed by the amount of debris remaining on the site following logging. These operations are not routinely scheduled between 1 April and 1 August because of possible adverse impact on wildlife populations. After the site has become adequately stocked, the seedtrees will then be removed by conventional logging methods.

(3) Shelterwood: A shelterwood is the removal of mature timber in a series of cuttings which extend over a relatively short period of the rotation. Regeneration is established naturally over a period of years under the shelter of the remaining trees. This is generally utilized for the regeneration of longleaf pine. Site preparation consists of using a drum chopper or heavy disc pulled by a crawler tractor. These two alternatives may be followed by a site preparation burn. These site preparation alternatives will not be routinely scheduled between 1 April and 1 August because of possible adverse impact on wildlife populations. After the site has become adequately stocked, the shelterwood seed source is then removed by conventional logging methods.



c. Regeneration Cuts for Hardwood

(1) Clearcutting: Clearcutting is the removal of all merchantable trees in one cutting. Remaining cull or small trees will be killed or cut to release the more valuable intolerant species that will regenerate. Regeneration of hardwoods by clearcutting depends on advance reproduction and sprouts from stumps or root systems from the trees that were removed. Mechanical site preparation is not routinely required.

(2) Shelterwood: A shelterwood is a removal of mature timber in a series of cuttings which extend over a relatively short period of the rotation. Removal of the less valuable tolerant species is the first step which will allow the establishment of seedlings from the intolerant hickory, beech and oak. While the intolerant reproduction is reaching adequate size, the remaining overstory is removed in a series of cuts. Mechanical site preparation is not routinely required.

4. Location: Areas to be harvested are shown on the attached maps, including keys showing the type of harvest proposed.

5. Potential Environmental Impact/Considerations

a. Air Quality:

(1) Will there be any open burning associated with the project/action? YES (Note 1: There will be some burning for site preparation after the logging operations have been completed. This activity will be conducted under forest management guidelines and should pose no adverse environmental impact.)

(2) Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO

(3) Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? NO

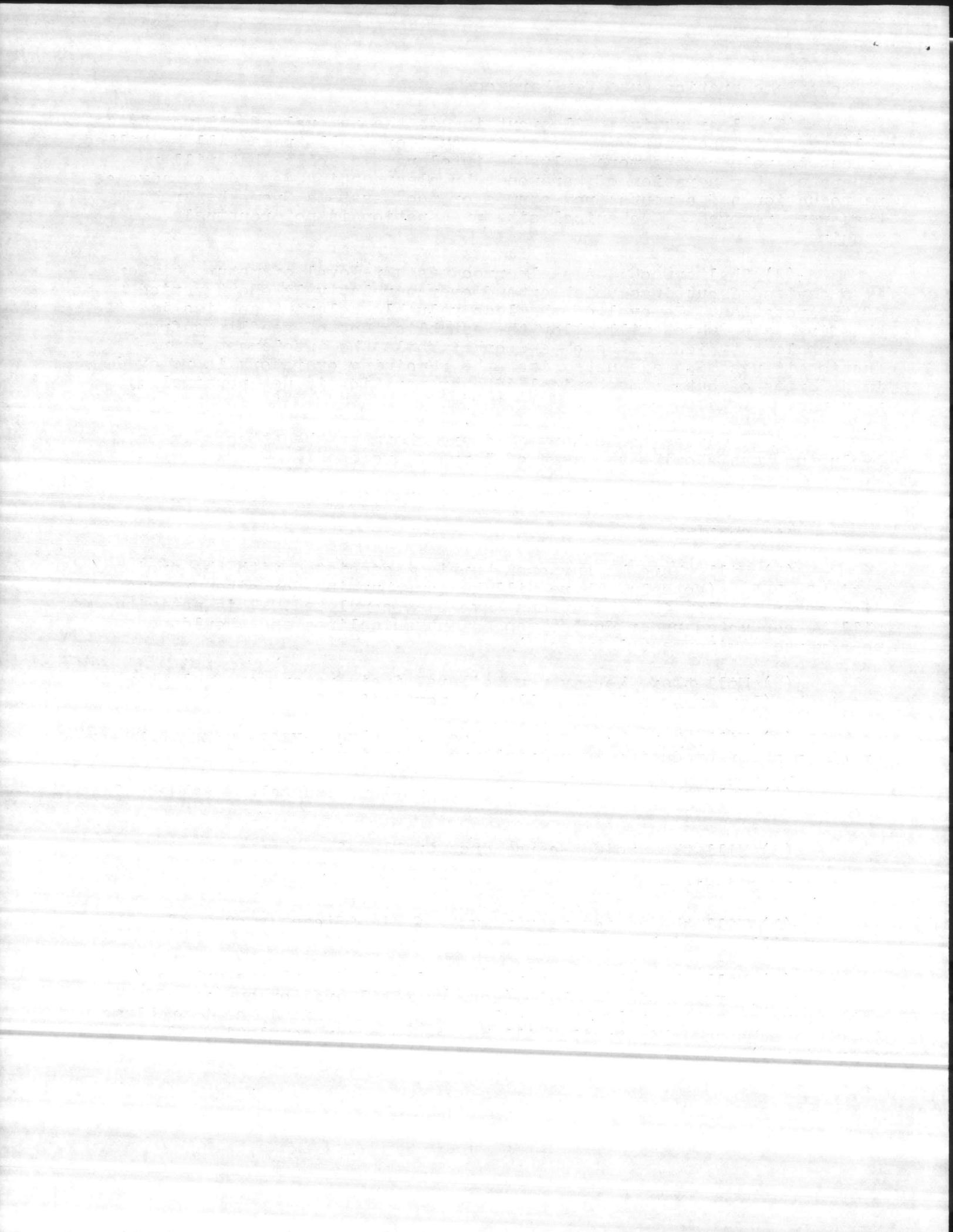
(4) Will the project involve the use or disposal of asbestos? NO

(5) Will the project cause dust problems? NO

b. Land Quality:

(1) Will the action require use of significant amount of earthen fill material? NO

(2) Will there be an increase in level of soil disturbance/damage to the vegetation? YES (Note 2: Soil erosion and runoff will increase temporarily but should not pose any significant problems. Logging decks and skid trails will be seeded after completion of operations.)



YES

(3) Will there be one acre or more of land cleared/disturbed?

c. Groundwater Quality:

(1) Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO

(2) Does the project involve installation/use of septic tanks or any other on-site disposal of sanitary waste? NO

(3) Will there be any wells dug or any excavations deeper than 20 feet? NO

(4) Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? YES (Note 3: Logging equipment will be refueled and lubricated on the job. Contractor is required by contract to prevent spills, report spills to Base authorities and to remove all waste petroleum products from work site and dispose of properly.)

(5) Will there be a net increase of solid waste caused by implementing the project/action? NO

(6) Will the project or action be carried out within 200 feet of a drinking water supply well? YES (Note 4: There are twelve drinking water supply wells in or near stands proposed for logging operations in Compartments 8, 53, and the Road Side Zone Thinning. These wells will not be affected by the proposed action and there will not be an adverse impact on the drinking water supply.)

d. Surface Water Quality:

(1) Is the project located on or in a water body or adjacent 100-year flood plain? YES (Note 5: No construction of facilities is proposed; therefore, federal restrictions on flood plain development are not applicable.)

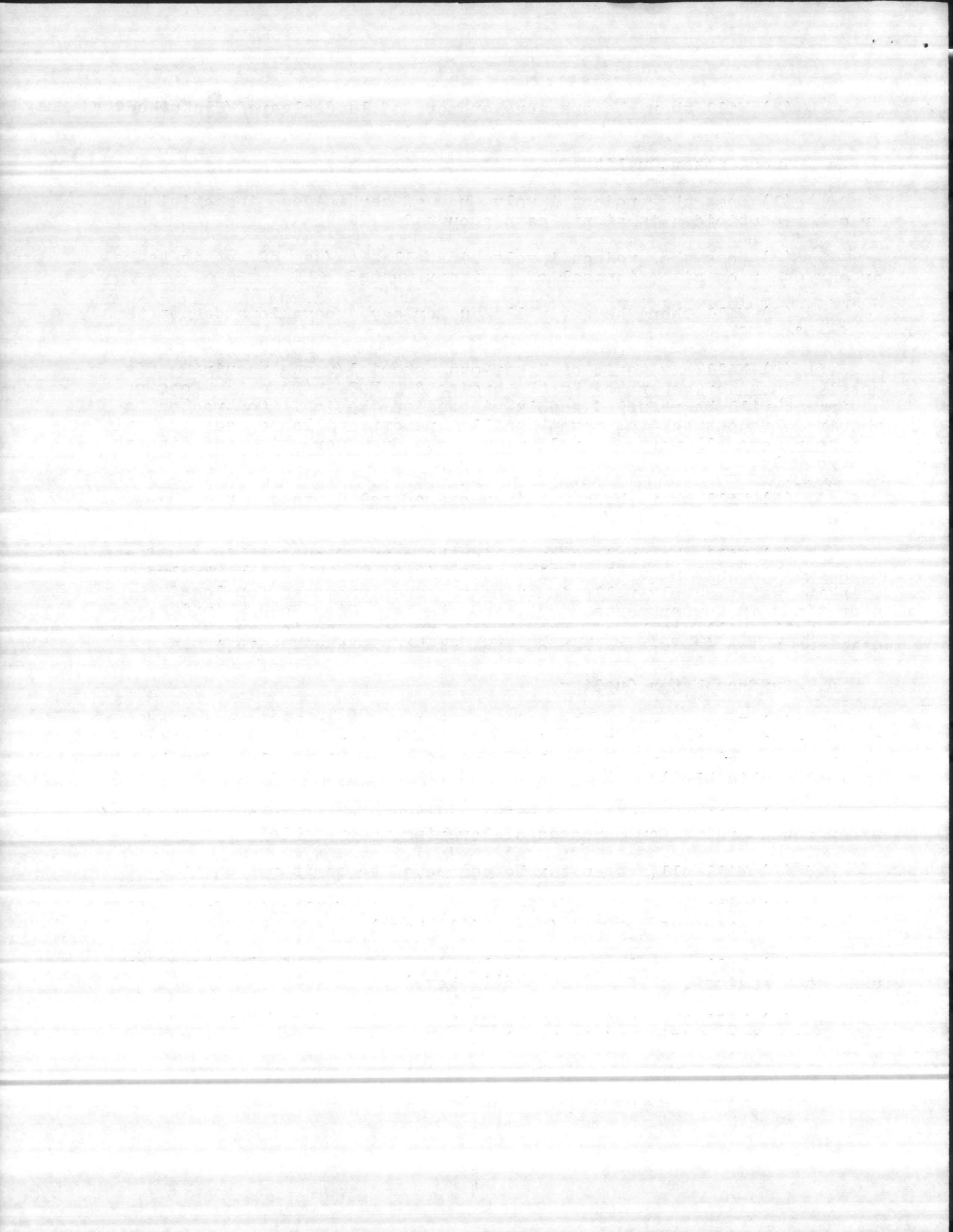
(2) Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO

(3) Will all wastewater be connected to sanitary sewer? NO

(4) Will there be an increase in erosion/siltation from soil disturbing activity? YES (See 5b(2) above)

(5) Will petroleum oil and lubricants be routinely stored or used at the site? YES (See 5c(4) above)

(6) Will the project increase rates of surface/storm water run-off? YES (See 5B(2) above)



e. Natural Resources:

(1) Will there be a loss of forestland? NO

(2) Will public access for hunting, boating, fishing, etc. be restricted? NO

(3) Is there a change in land use from what is presently shown in Base Master Plan? NO

(4) Will removal of existing vegetation be required? YES  
(Note 6: Prescribed treatment is consistent with standard forestry and wildlife management practices. Effects on wildlife are generally temporary in nature and will not significantly affect any species. Proposed action is consistent with current management objectives contained in the Base Long Range Natural Resources Management Plan.)

(5) Are there any known effects on any endangered species?  
NO

(6) Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations:

(1) Will the project cause an increase/decrease in, on, or off-base military population? NO

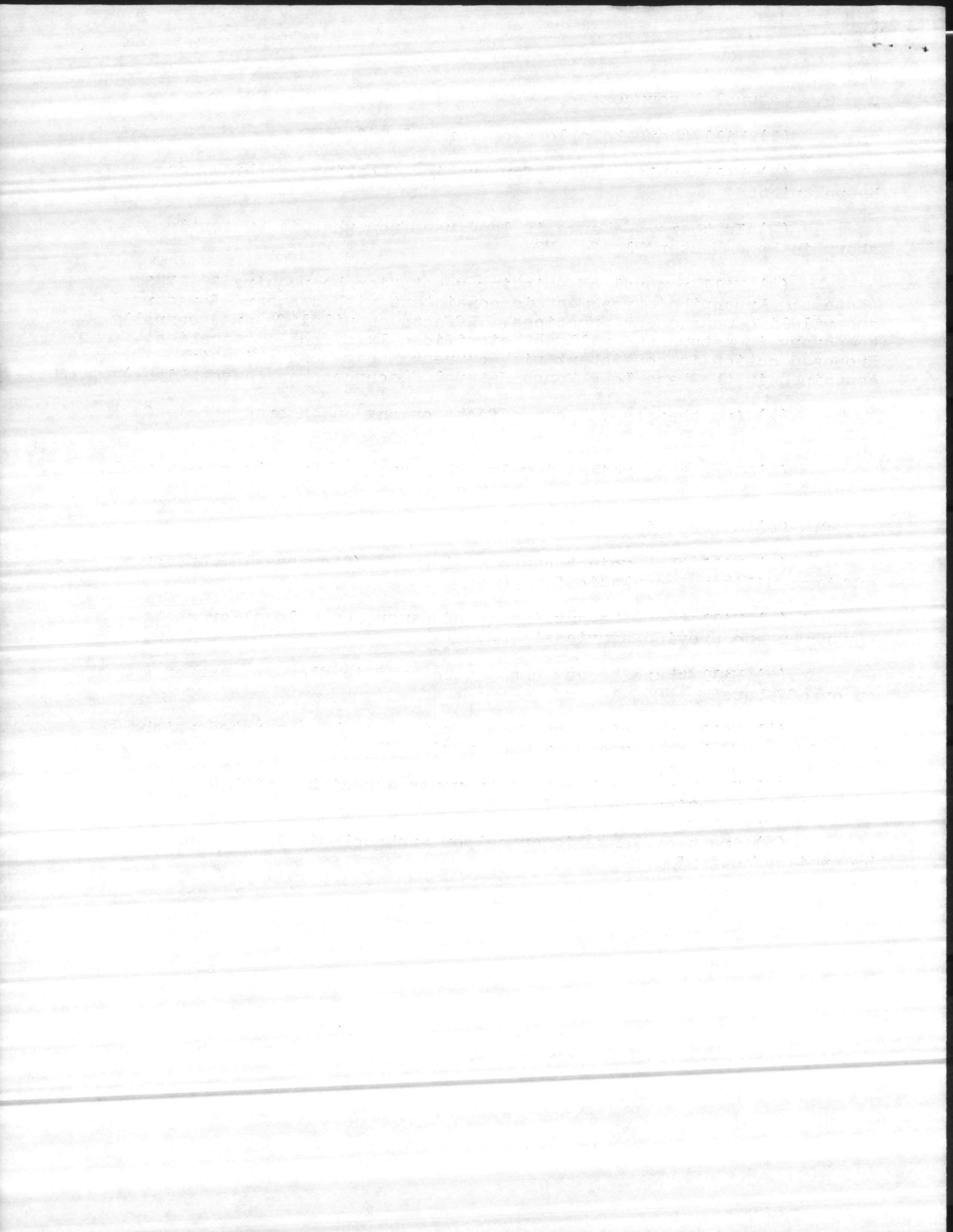
(2) Will there be any increased demand on a local or state government to provide services? NO

(3) Will there be any changes to traffic flow and patterns on or off-base? NO

(4) Will any noise, traffic, dust, etc. be generated which may affect off-base persons or property? NO

(5) Is there any known controversy associated with the type of project or action proposed? NO

(6) Are there any historical or archaeological sites affected by project/action? NO



NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

14 Jan 86  
Date

From: Director

To: Peter \_\_\_\_\_

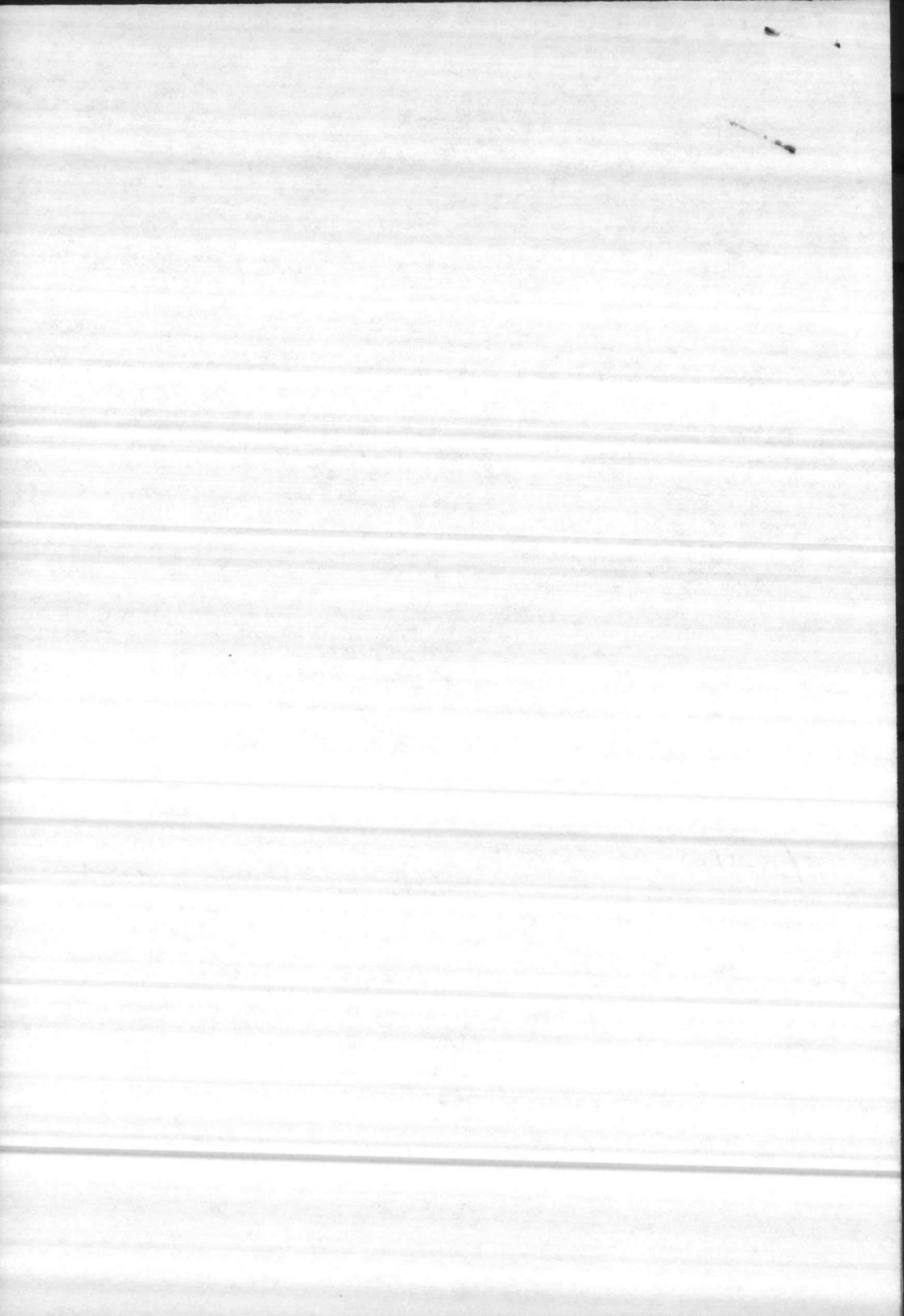
Subj: Daring DD2  
Charles \_\_\_\_\_

PEA's scheduled for review on  
30 Jan 86. by EIRB.

Review and provide comments - I think  
the Dv Headquarters bldg location is suitable  
- STP is roughly close to

True PEA

John



Subj: ENVIRONMENTAL ENHANCEMENT/IMPACT REVIEW BOARD; MEETING OF

should notify the Chairman at ext. 3034/5925 as soon as possible prior to the meeting.

*R.A. Tiebout*  
R. A. TIEBOUT  
By direction

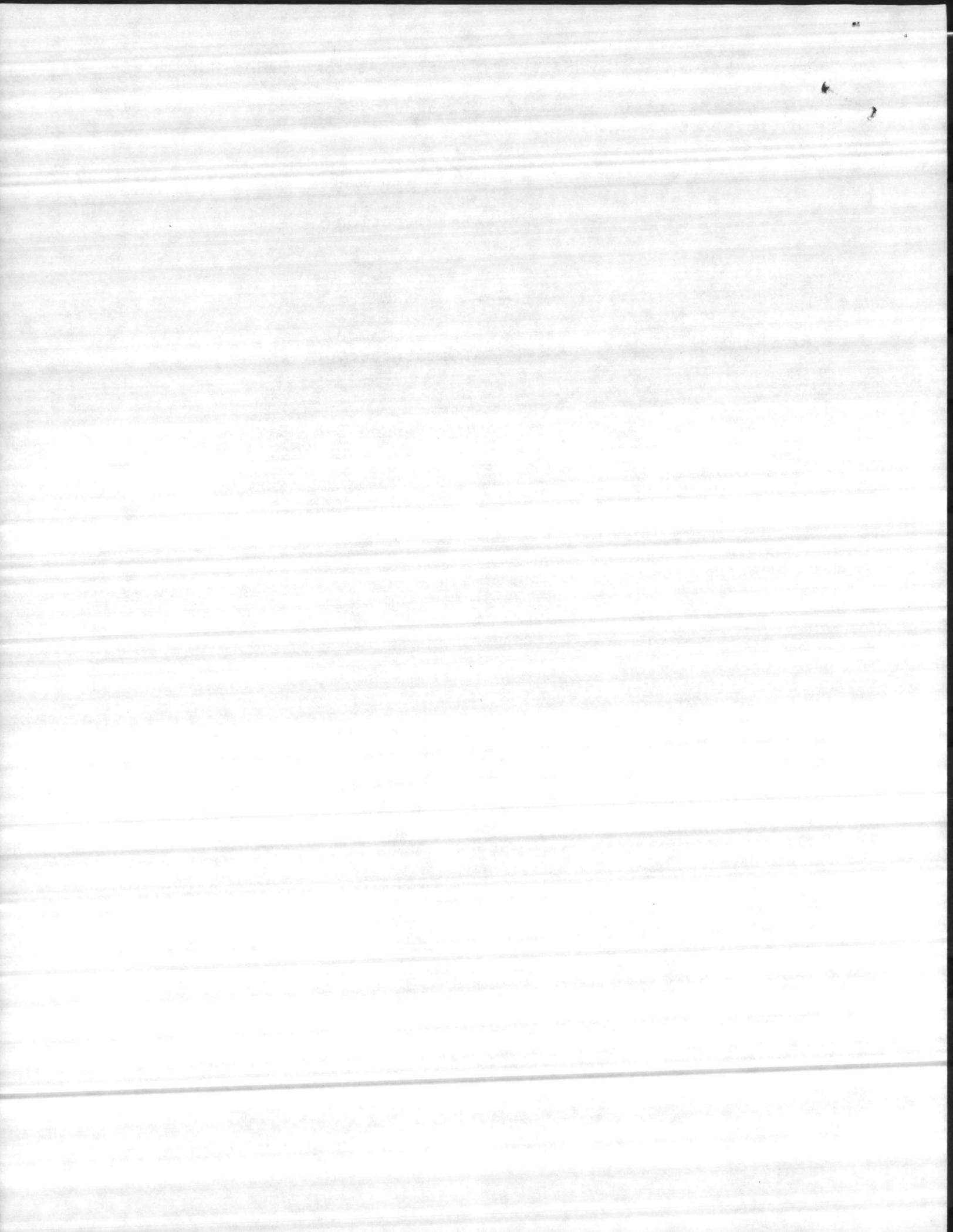
DISTRIBUTION:

(Members)

- Rep, 2d MarDiv (G-4)
- Rep, 2d FSSG (G-4)
- Rep, 6th MAB (G-4)
- Rep, MCAS, NR (S-4)
- TFACO
- BMO
- PWO

(Advisors)

- Dir, NREA
- SupvEcologist
- BWildlifeMgr
- BGameProtector, PMO
- SAFD
- SJA
- DRMO
- Ch, VetMed Svc, NavHosp
- Ch, Occup/PrevMed, NavHosp





**UNITED STATES MARINE CORPS**  
Marine Corps Base  
Camp Lejeune, North Carolina 28542-5001

IN REPLY REFER TO:

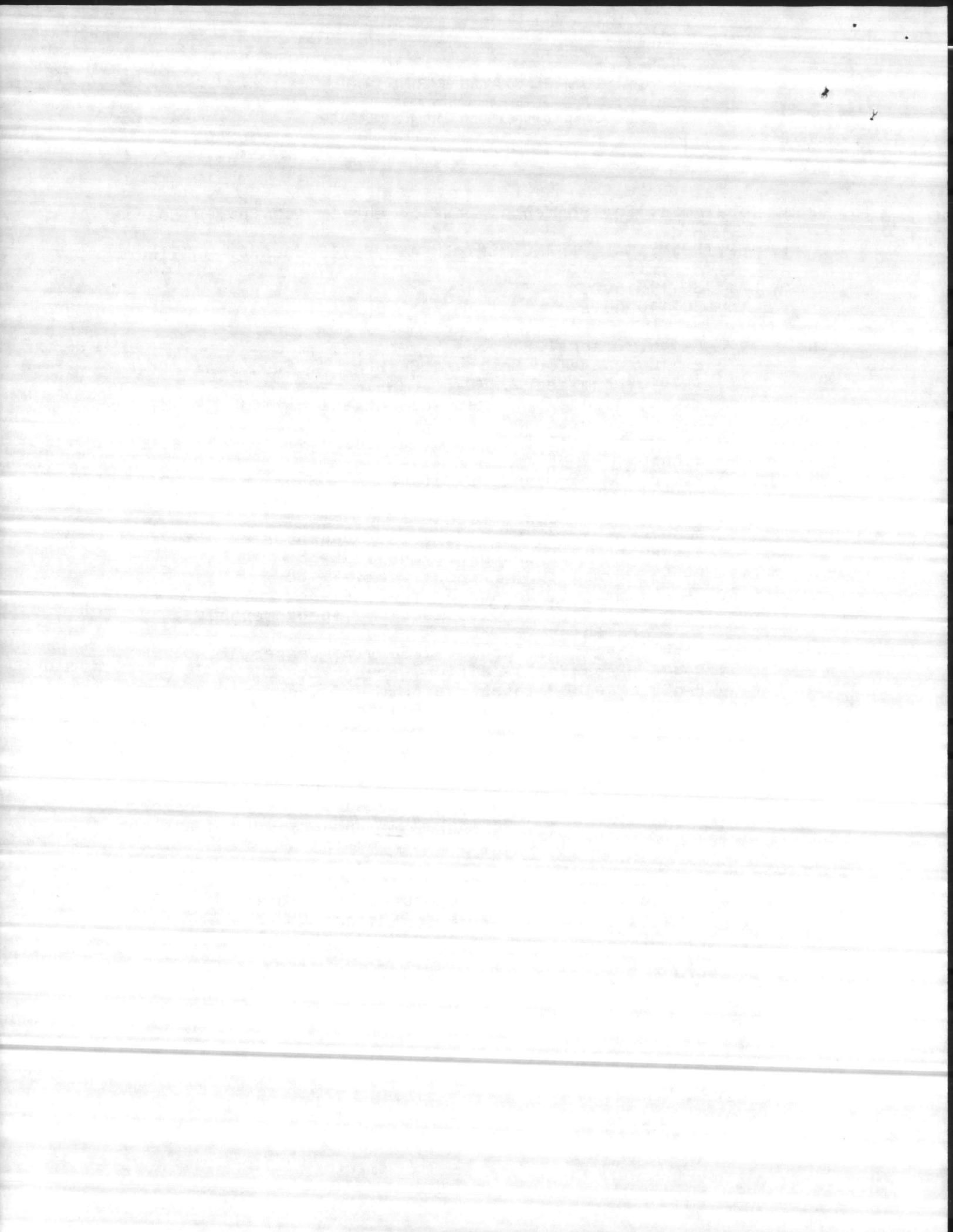
6280/1  
FAC  
13 JAN 1986

From: Chairman, Environmental Enhancement/Impact Review Board  
Subj: ENVIRONMENTAL ENHANCEMENT/IMPACT REVIEW BOARD; MEETING OF  
Ref: (a) BO 11015.2G  
(b) BO 11000.1B

- Encl:
- (1) P-185, General Purpose Warehouse, MCAS, FY-88
  - (2) P-410, Bachelor Enlisted Quarters (BEQ), MCAS, FY-87
  - (3) P-449, Commissary, MCAS, FY-91
  - (4) P-451, Aircraft Hangar Modernization, MCAS, FY-87
  - (5) P-520, Operational Trainer Facility, MCAS, FY-89
  - (6) P-810, Mechanics Training Building, Increment 3, Camp Johnson, FY-88
  - (7) P-678, Combat Vehicle Maintenance Shop, Hadnot Point, FY-88
  - (8) P-626, BEQ, Hadnot Point, FY-88
  - (9) P-057, Division Headquarters, French Creek, FY-88
  - (10) P-256, Field Maintenance Shop, FY-88
  - (11) P-065, Gymnasium, French Creek, FY-88
  - (12) P-824, Chapel, Tarawa Terrace, FY-88
  - (13) P-851, Electrical Distribution Improvements, Montford Point, FY-88
  - (14) P-842, Regional Automated Service Center, FY-88
  - (15) P-841, Mess Hall Addition, French Creek, FY-88
  - (16) P-803, Field Maintenance Complex, Increment 2, FY-88
  - (17) P-124, Bachelor Officers Quarters, Paradise Point, FY-88
  - (18) P-672, Road Improvements, Brewster Blvd, FY-88

1. In accordance with the provisions of references (a) and (b), a meeting of the subject Board is scheduled in the Conference Room of Building 1 at 0930, Thursday, 30 January 1986. Advisors to the Board are invited to attend the meeting.

2. The Board will review the preliminary environmental assessments as provided in the enclosures and provide recommendations on environmental significance to the action sponsor. Members and advisors knowing of other agenda items



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW

1. Action Sponsor: Marine Corps Air Station, New River
2. Name, Address, Phone Number of Point of Contact: Mr. F. E. Acosta or Ms. Lou Hughs, Facilities/S-4, extension 451-6506/6518
3. Warehouse, P-185. Construct warehouse to provide space for Navy and Marine Corps property, including security areas for highly pilferable properties and operational spaces.

Single story general purpose building of reinforced concrete on pile foundation, masonry walls, concrete floors and roof, air conditioning/dehumidification system, fire protection system, with paved parking and access.

The project is scheduled for FY-88 and will satisfy the requirement in that category code for Marine Aircraft Group 26.

4. Location: See attached Site Location map.
5. Potential Environmental Impact/Considerations:

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO Will there be any paint booths, solvent vats, degreasers or other-vapor-producing industrial processes involved? NO Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? NO Will there be an increase in level of soil disturbance/damage to vegetation? NO Will there be one acre or more of land disturbed? NO

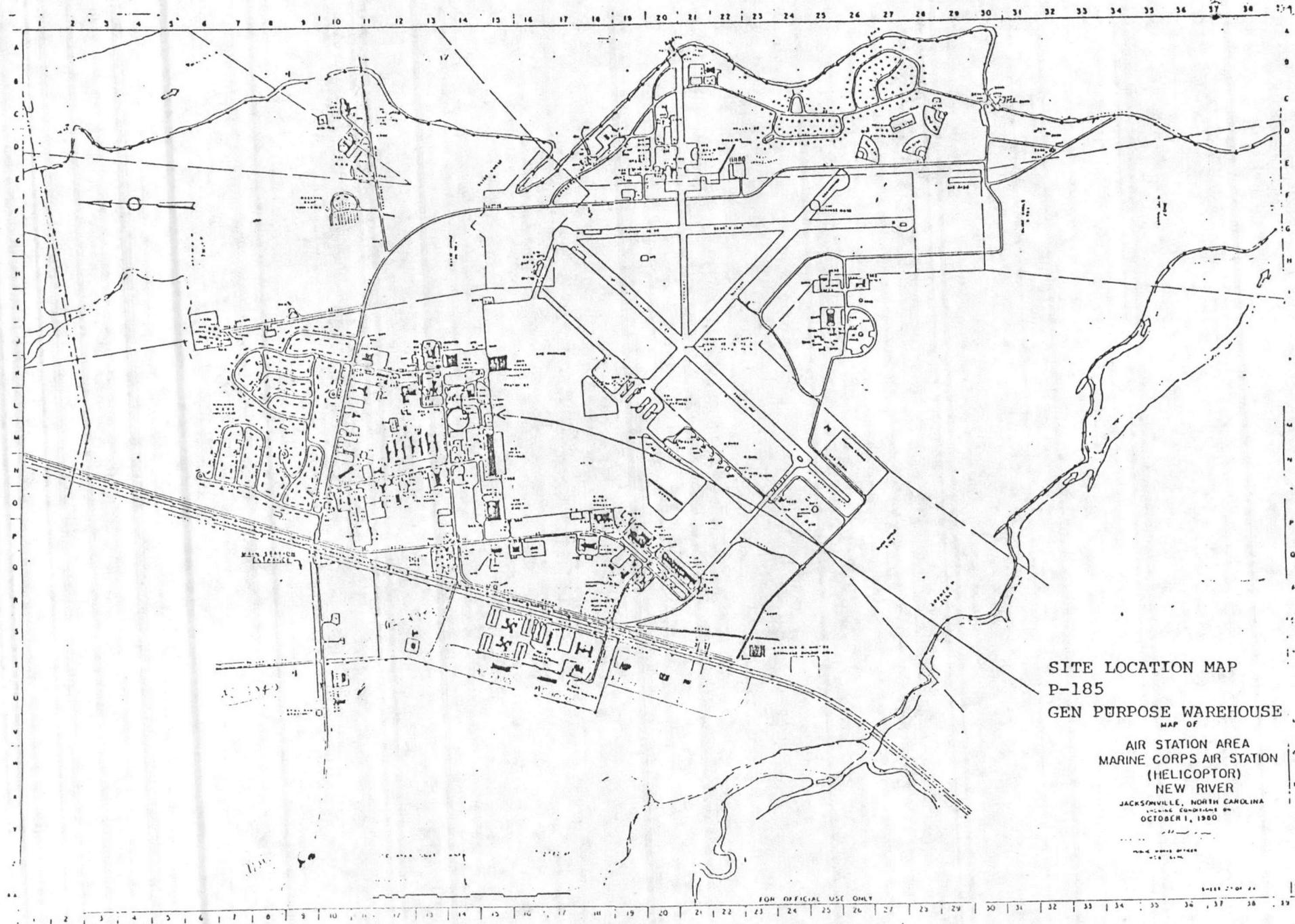
c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any than excavations deeper than twenty feet? NO Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? NO Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? NO

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? NO Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? NO Will petroleum oil and lubricants be routinely stored or used at the site? NO Will the project increase rates of surface/storm water run-off? NO

End. (2)

e. Natural Resources: Will there be a loss of forest land? NO Will public access for hunting, boating, fishing, etc., be restricted? NO Is there a change in land use from what is presently shown in Base Master Plan? YES Will removal of existing vegetation be required? NO Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? NO Will there be any increased demand on a local or state government to provide services? NO Will there be any changes to traffic flow and patterns on or off-base persons or property? NO Is there any known controversy associated with the type of project or action proposed? NO Are there any historical or archaeological sites affected by project/action? NO



SITE LOCATION MAP  
 P-185  
 GEN PURPOSE WAREHOUSE

MAP OF  
 AIR STATION AREA  
 MARINE CORPS AIR STATION  
 (HELICOPTOR)  
 NEW RIVER  
 JACKSONVILLE, NORTH CAROLINA  
 PLANNING CONDITIONS ON  
 OCTOBER 1, 1960

FOR OFFICIAL USE ONLY

Sheet 2 of 22



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW

1. Action Sponsor: Marine Corps Air Station, New River

2. Name, Address, Phone Number of Point of Contact: Mr. F. E. Acosta or Ms. Lou Hughs, Facilities/S-4, extension 451-6506/6518

3. UEPH, P-410. The proposed UEPH will provide a three story reinforced concrete frame building, prestressed concrete floor and roof panels, double tinted glass windows, masonry walls, pile foundation, utility connections, site work, heat, ventilation, air conditioning, and fire protection system. Consisting of 90 two room modules and connecting bath (180 bedrooms). Additionally, this facility will include lounge, laundry, storage, administration, and mechanical equipment rooms.

The project is scheduled for FY-87 and will fulfill the requirement for this category code.

All federal, state, and local environmental regulations/guidelines will be strictly complied with.

4. Location: See attached Site Location map.

5. Potential Environmental Impact/Considerations:

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO Will there be any paint booths, solvent vats, degreasers or other-vapor-producing industrial processes involved? NO Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? NO Will there be an increase in level of soil disturbance/damage to vegetation? NO Will there be one acre or more of land disturbed? YES

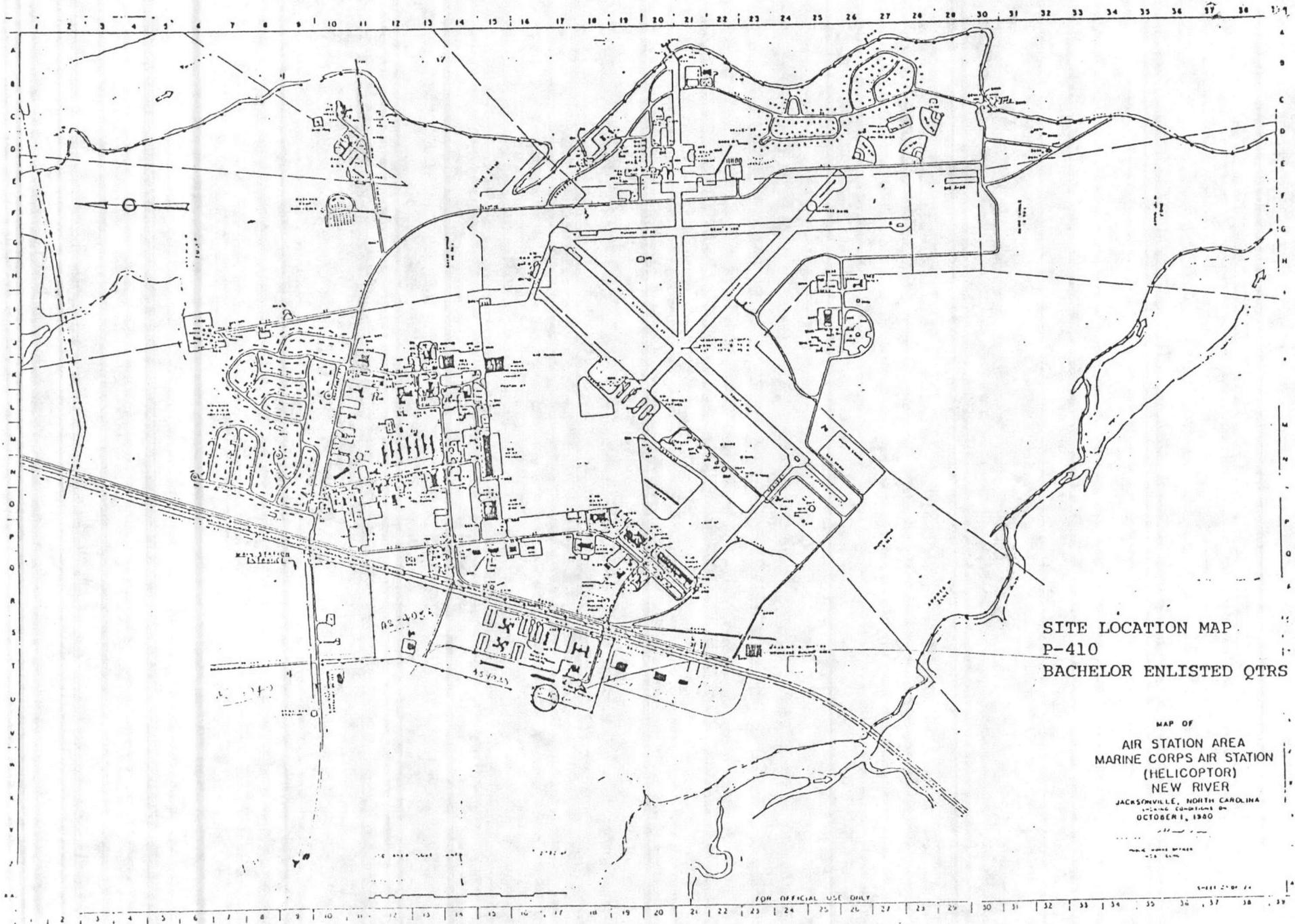
c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any than excavations deeper than twenty feet? NO Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? NO Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? NO

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? NO Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? NO

Will petroleum oil and lubricants be routinely stored or used at the site?  
NO Will the project increase rates of surface/storm water run-off? NO

e. Natural Resources: Will there be a loss of forest land? YES Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? NO Will there be any increased demand on a local or state government to provide services? NO Will there be any changes to traffic flow and patterns on or off-base persons or property? NO Is there any known controversy associated with the type of project or action proposed? NO Are there any historical or archaeological sites affected by project/action? NO

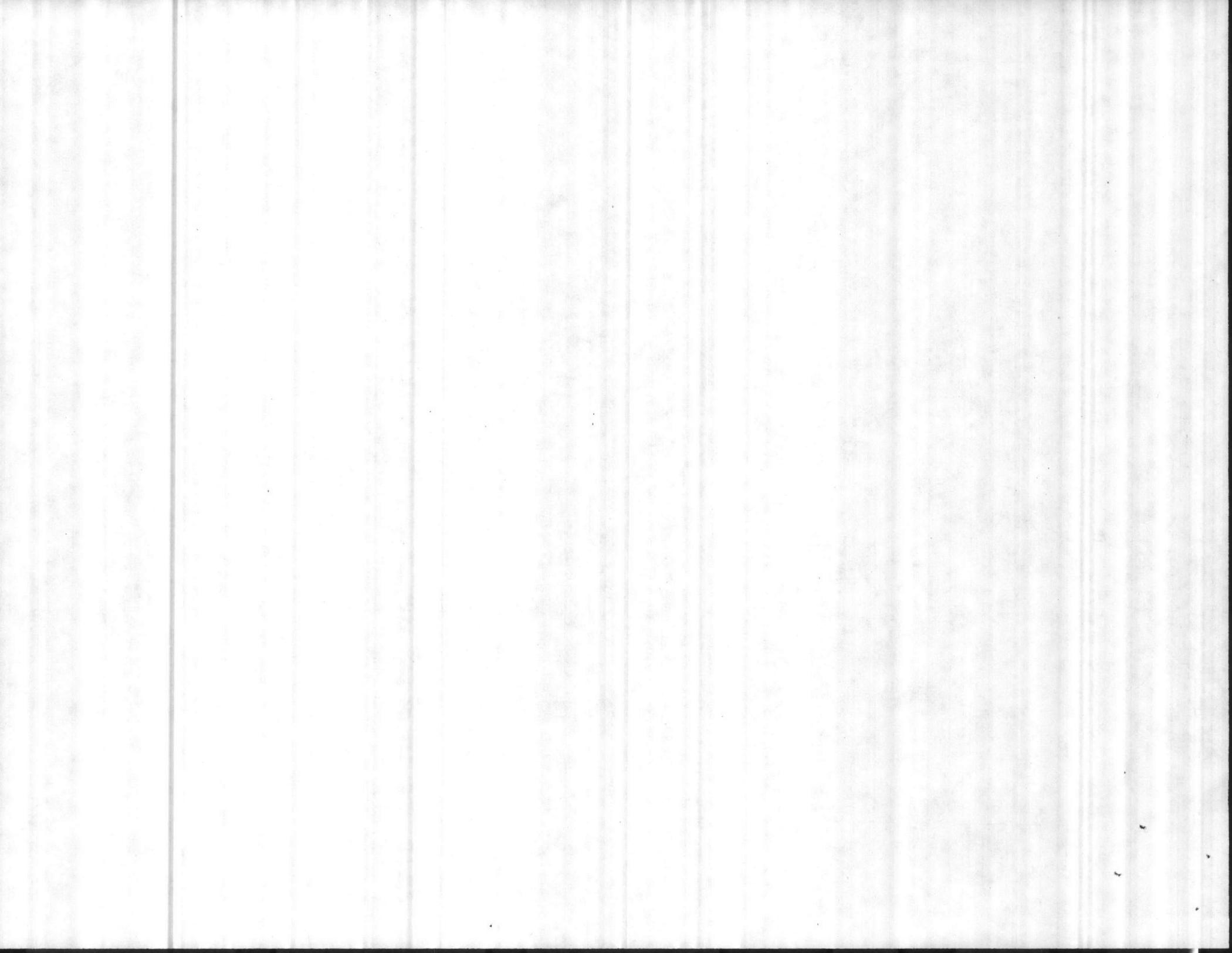


SITE LOCATION MAP  
P-410  
BACHELOR ENLISTED QTRS

MAP OF  
AIR STATION AREA  
MARINE CORPS AIR STATION  
(HELICOPTOR)  
NEW RIVER  
JACKSONVILLE, NORTH CAROLINA  
INCLUDING CONDITIONS ON  
OCTOBER 1, 1960

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Sheet 2 of 2



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW

1. Action Sponsor: Marine Corps Air Station, New River
2. Name, Address, Phone Number of Point of Contact: Mr. F. E. Acosta or Ms. Lou Hughs, Facilities/S-4, extension 451-6506/6518

3. Commissary, P-449. The project will provide a single story commissary facility with concrete foundation and slab supported by timber piling, exterior walls to be CMU with brick veneer; metal roof deck with built-up roofing. To include paved parking and access road will support active duty military and retired personnel and their authorized dependents.

The project is scheduled for FY-91. The structure is included in the area designated as the Curtis Road Complex to be developed as a service and recreation area.

All federal, state, and local environmental regulations/guidelines will be strictly complied with. However, no significant impact on the environment is expected.

4. Location: See attached Site Location map.
5. Potential Environmental Impact/Considerations:

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO Will there be any paint booths, solvent vats, degreasers or other-vapor-producing industrial processes involved? NO Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? NO Will there be an increase in level of soil disturbance/damage to vegetation? NO Will there be one acre or more of land disturbed? UNKNOWN

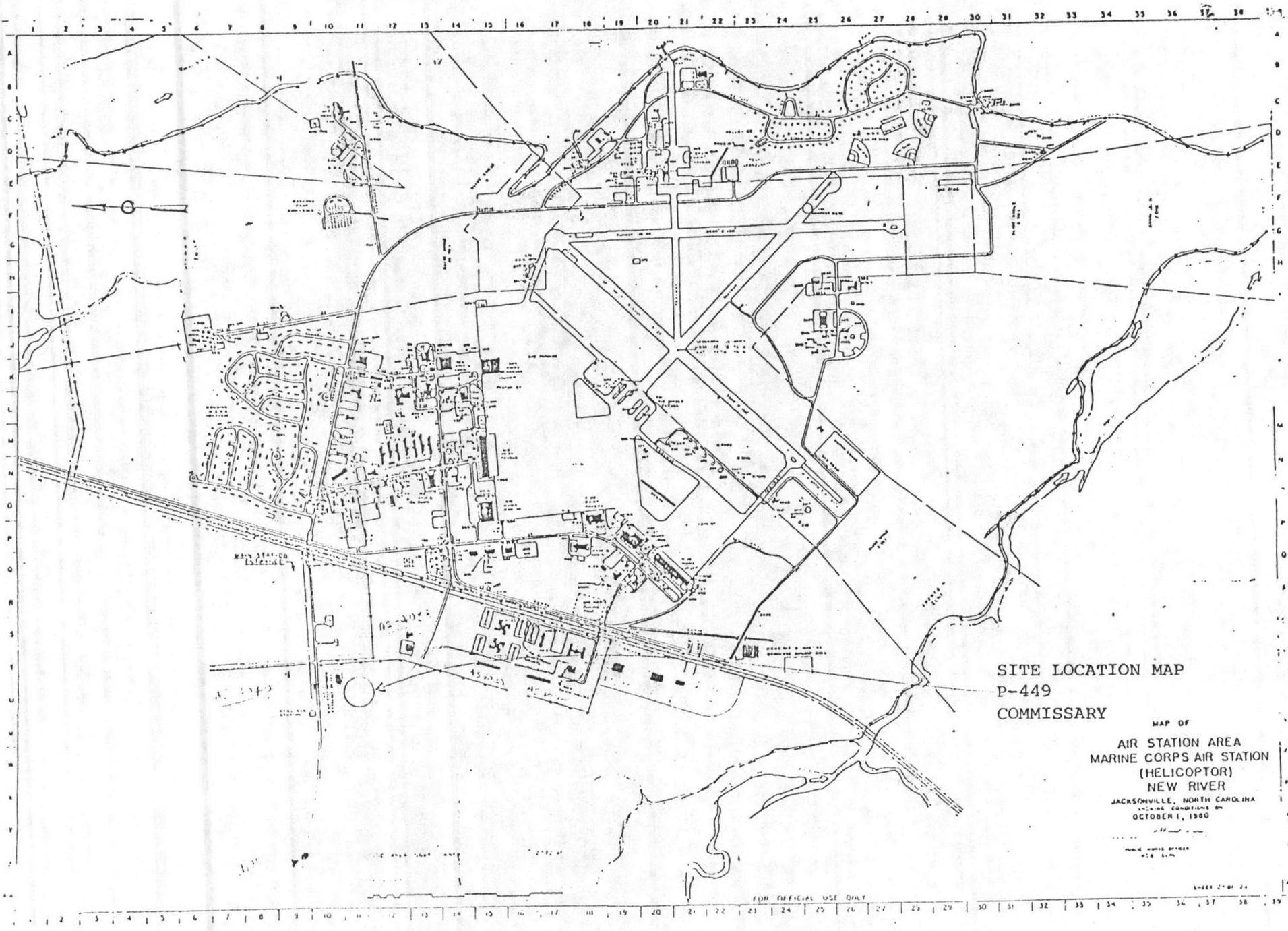
c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any than excavations deeper than twenty feet? NO Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? NO Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? NO

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? NO Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? NO

Will petroleum oil and lubricants be routinely stored or used at the site?  
NO Will the project increase rates of surface/storm water run-off? NO

e. Natural Resources: Will there be a loss of forest land? YES Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? NO Will there be any increased demand on a local or state government to provide services? NO Will there be any changes to traffic flow and patterns on or off-base persons or property? YES Is there any known controversy associated with the type of project or action proposed? NO Are there any historical or archaeological sites affected by project/action? NO



SITE LOCATION MAP  
 P-449  
 COMMISSARY

MAP OF  
 AIR STATION AREA  
 MARINE CORPS AIR STATION  
 (HELICOPTOR)  
 NEW RIVER  
 JACKSONVILLE, NORTH CAROLINA  
 SCALE CORRECTED ON  
 OCTOBER 1, 1960



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW

1. Action Sponsor: Marine Corps Air Station, New River
2. Name, Address, Phone Number of Point of Contact: Mr. F. E. Acosta or Ms. Lou Hughs, Facilities/S-4, extension 451-6506/6518

3. Aircraft Maintenance Hangar, Modernization, P-451. Mission changes directed by CMC and NAVAIR to include three new flying squadrons and realignment of aircraft squadrons between Marine Aviation Groups. Require renovations of and additions to four existing hangars, AS-515, AS-518, AS-4106 and AS-4108.

Work will consist of demolition, re-roofing, additional roof and wall installation, interior finishes, sound attenuation, fire protection system, and materials handling equipment.

This project is currently scheduled to begin in FY-87.

All federal, state, and local environmental regulations/guidelines will be complied with, and no significant impact on the environment is anticipated.

4. Location: See attached Site Location map.
5. Potential Environmental Impact/Considerations:

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO Will there be any paint booths, solvent vats, degreasers or other-vapor-producing industrial processes involved? YES Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? NO Will there be an increase in level of soil disturbance/damage to vegetation? NO Will there be one acre or more of land disturbed? NO

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any than excavations deeper than twenty feet? NO Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? NO Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? NO

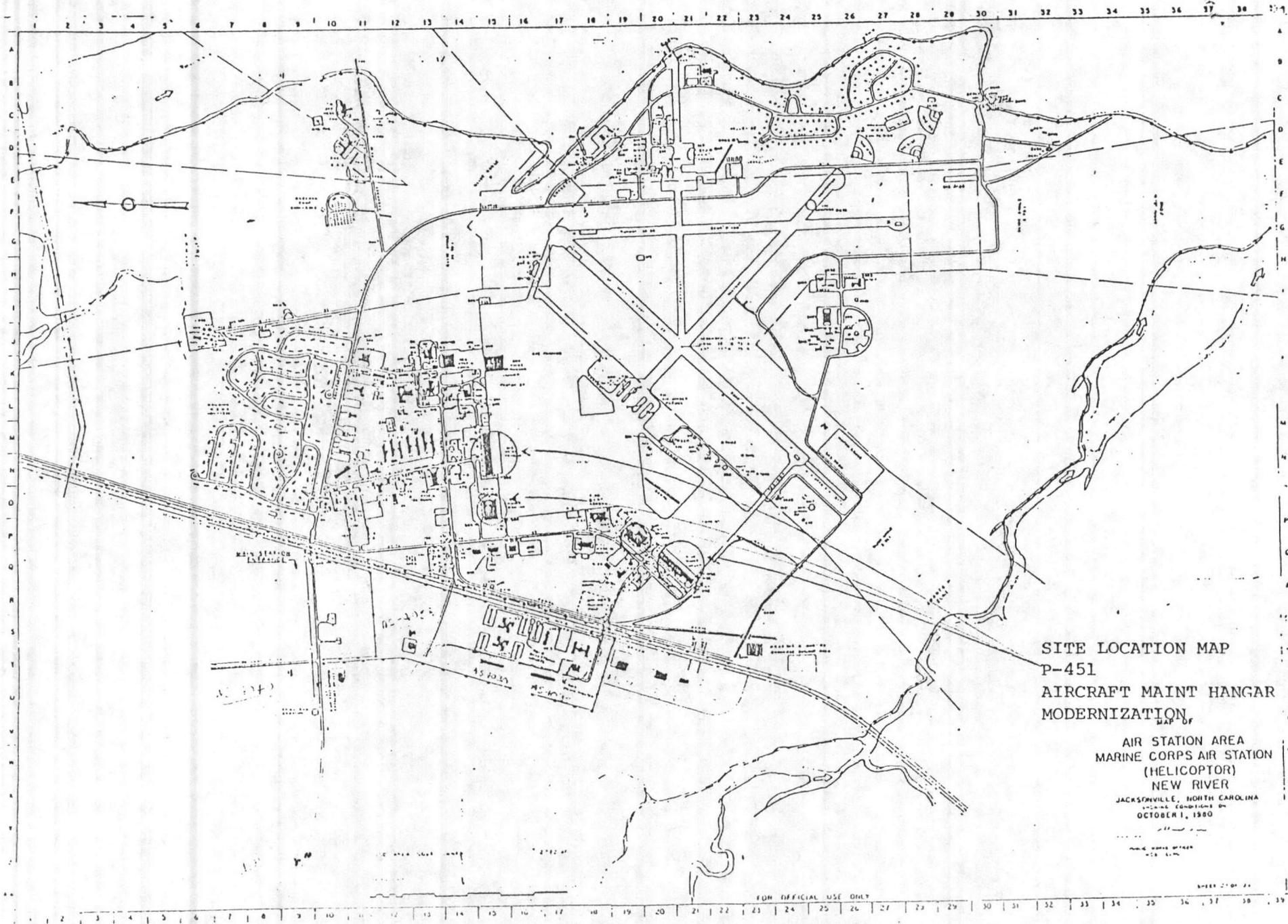
d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? NO Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? NO

End (A)

Will petroleum oil and lubricants be routinely stored or used at the site?  
YES Will the project increase rates of surface/storm water run-off? NO

e. Natural Resources: Will there be a loss of forest land? NO Will public access for hunting, boating, fishing, etc., be restricted? NO Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? NO Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? NO Will there be any increased demand on a local or state government to provide services? NO Will there be any changes to traffic flow and patterns on or off-base persons or property? NO Is there any known controversy associated with the type of project or action proposed? NO Are there any historical or archaeological sites affected by project/action? NO

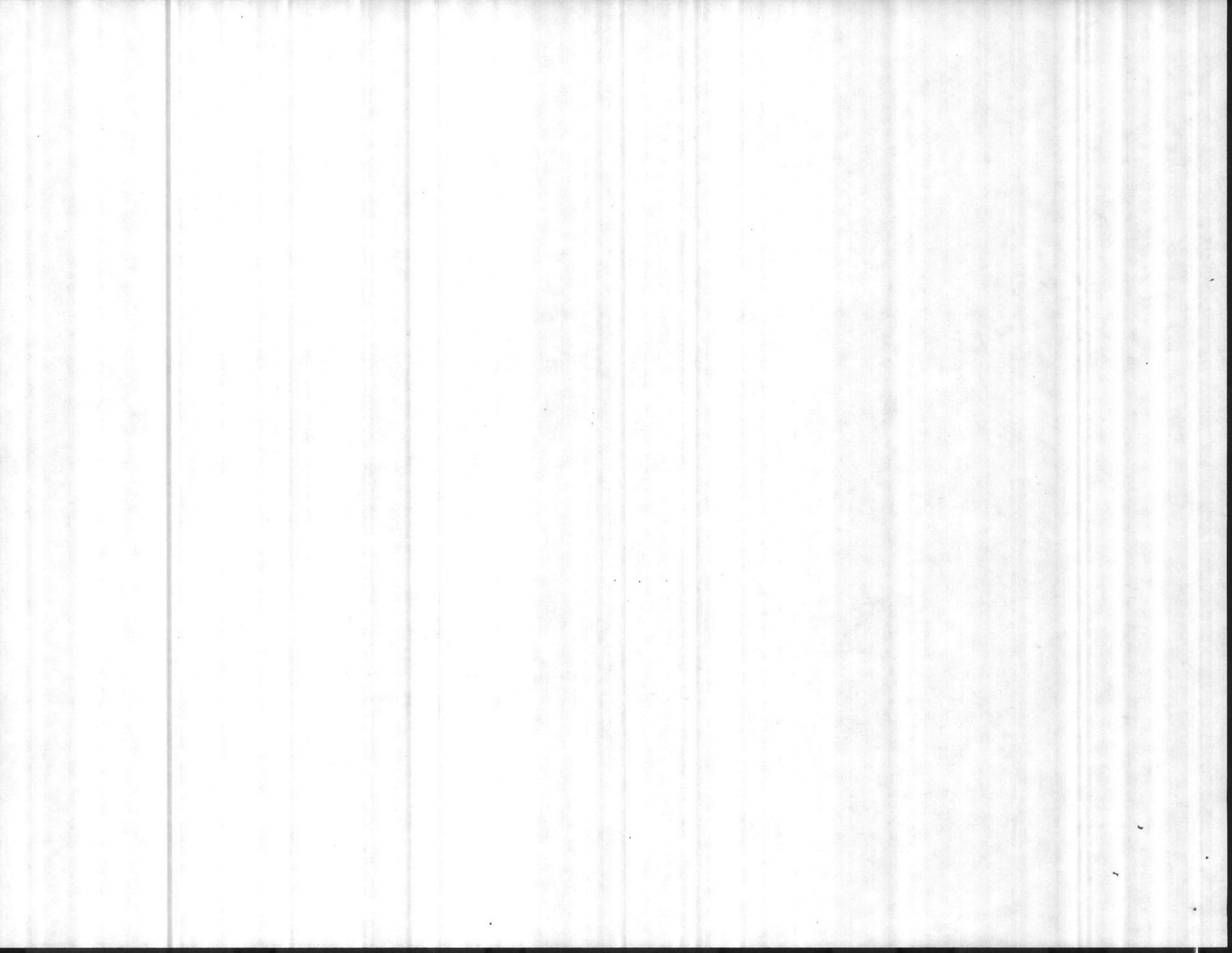


SITE LOCATION MAP  
 P-451  
 AIRCRAFT MAINT HANGAR  
 MODERNIZATION  
 MAP OF

AIR STATION AREA  
 MARINE CORPS AIR STATION  
 (HELICOPTOR)  
 NEW RIVER  
 JACKSONVILLE, NORTH CAROLINA  
 SCALE CONDITIONS ON  
 OCTOBER 1, 1980

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SHEET 2 OF 24



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW

1. Action Sponsor: Marine Corps Air Station, New River
2. Name, Address, Phone Number of Point of Contact: Mr. F. E. Acosta or Mrs. M. G. Briley, Station, S-4, extension 6506/6068
3. P-520, OPERATIONAL TRAINER FACILITY (JVX), FY 89

The project consists of a permanent, masonry/steel structure on concrete slab with high bay area to house the simulator. Trenches will be required from the hydraulics room to motion system and from computer room to motion system. Trenches will drain through an oil water separator.

The access floor subspace will have fire alarms and a halon suppression system. Other areas will be protected by wet pipe sprinkler system. Additional electrical/mechanical utilities, parking and access road will be included.

Sound attenuation will be provided.

4. Location: See attached Site Location map.

5. Potential Environmental Impact/Considerations:

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO Will there be any paint booths, solvent vats, degreasers or other-vapor-producing industrial processes involved? NO Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? NO Will there be an increase in level of soil disturbance/damage to vegetation? NO Will there be one acre or more of land disturbed? YES

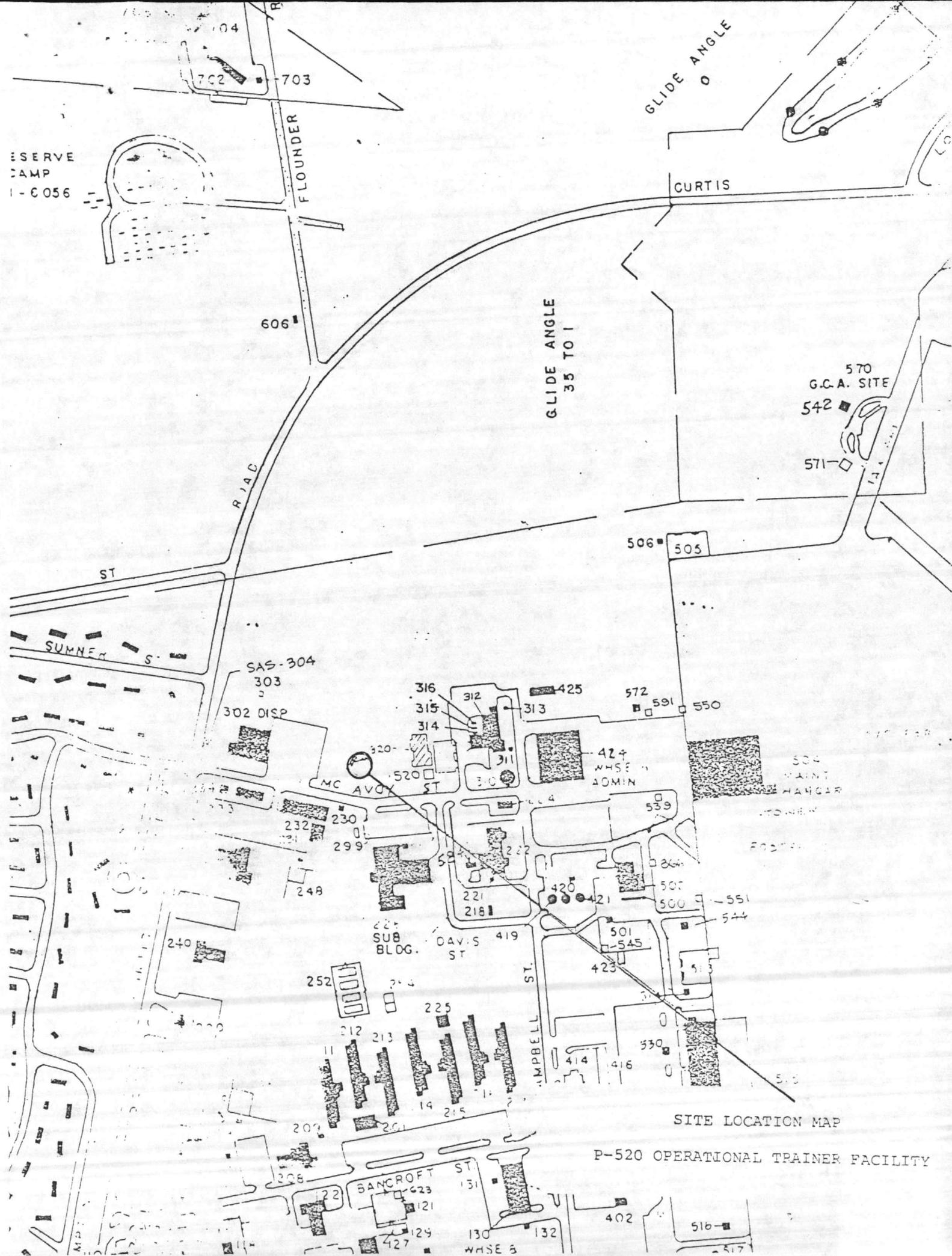
c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any excavations deeper than twenty feet? NO Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? NO Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? NO

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? NO Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO Will all wastewater be connected to sanitary sewer? YES

Will there be an increase in erosion/siltation from soil disturbing activity?  
NO Will petroleum oil and lubricants be routinely stored or used at the  
site? NO Will the project increase rates of surface/storm water run-off?  
NO

e. Natural Resources: Will there be a loss of forest land? NO Will  
public access for hunting, boating, fishing, etc., be restricted? NO Is  
there a change in land use from what is presently shown in Base Master Plan?  
NO Will removal of existing vegetation be required? NO Are there any  
known effects on any endangered species? NO Does the project involve the  
purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/  
decrease in on or off-base military population? NO Will there be any  
increased demand on a local or state government to provide services? NO  
Will there be any changes to traffic flow and patterns on or off-base persons  
or property? NO Is there any known controversy associated with the type  
of project or action proposed? NO Are there any historical or archaeo-  
logical sites affected by project/action? NO



GLIDE ANGLE

GLIDE ANGLE  
35 TO 1

570  
G.C.A. SITE

RESERVE  
CAMP  
1-C056

CURTIS

FLOUNDER

RIAC

ST

SUMNER ST

SAS-304  
303

302 DISP

316

315

314

312

425

572

591

550

MC AVOY ST

424  
WHSE  
ADMIN

504  
MAINT  
HANGAR

232

230

299

248

240

222

221  
218

420

421

507

500

551

501

545

423

539

414

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530

252

212

213

225

214

215

202

201

BANCROFT ST

131

121

124

427

130  
WHSE B

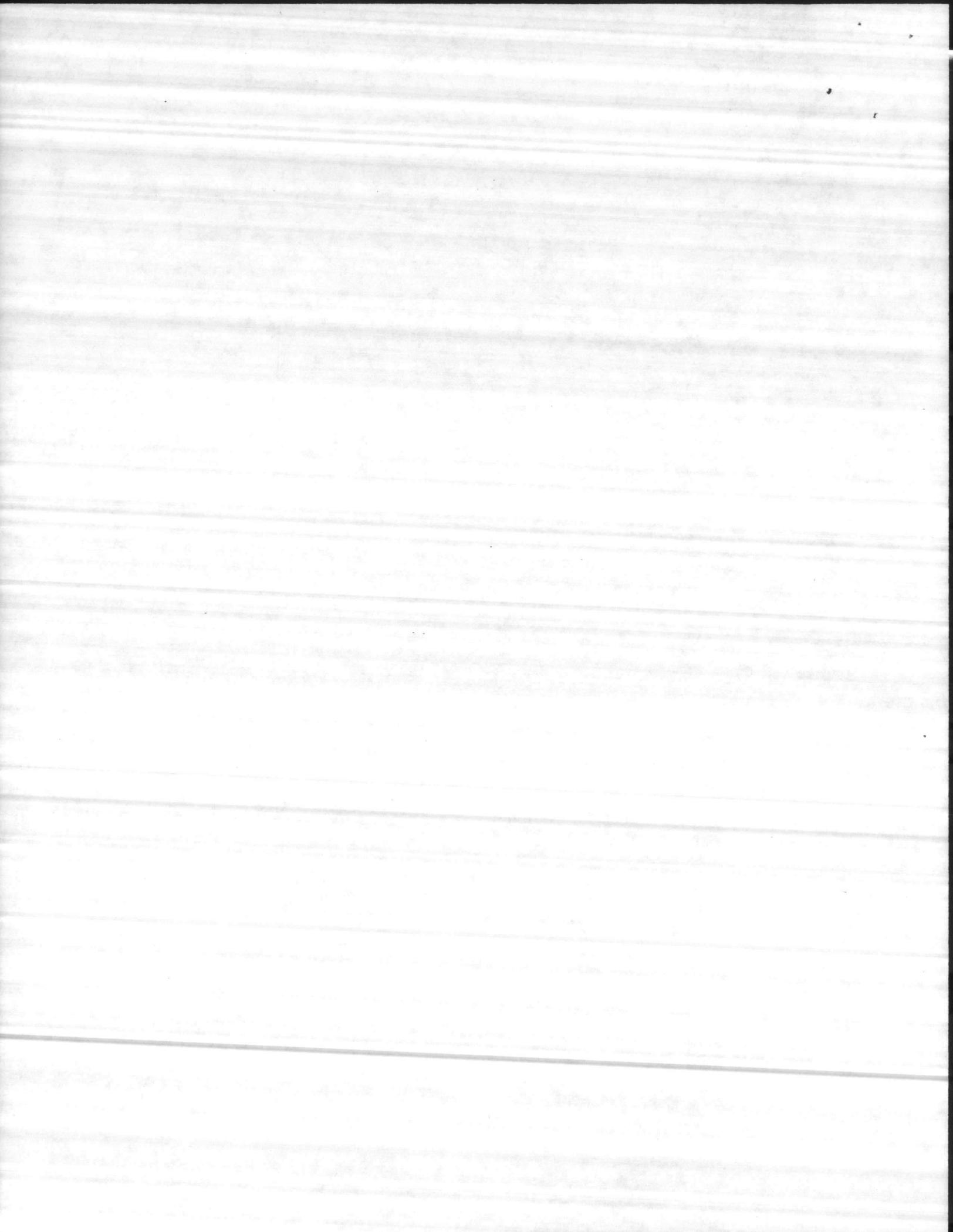
132

402

516

SITE LOCATION MAP

P-52 OPERATIONAL TRAINER FACILITY



## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB, CamLej  
Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Div., Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

MECHANICS TRAINING BUILDING (INCREMENT #3, P-810)

I. PROJECT DESCRIPTION

The Mechanics Training Building will provide a permanent masonry building to accommodate applied instruction for the Motor Transport School, which encompasses automotive intermediate maintenance courses for gasoline and diesel engines, fuel and electrical power, transmissions, and other vehicle related courses.

II. PROJECT PURPOSE

This project will provide the Mechanics Training Building adequate facilities for training military personnel in 2d, 3rd, and 4th echelon maintenance of Marine Corps equipment. Both academic and applied instruction will be accomplished in this facility.

III. SITE SELECTION

The environmental impact of location of the project has been documented in the current Base Master Plan. The facility is located in the Montford Point area (see Enclosure (1)). The preferred site has been reviewed with Base Environmental personnel. No significant environmental impact or loss of natural resources were identified with this proposed site.

III. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will not have any significant adverse environmental impact on the environment. Preparation of an environmental assesment MCO 6280.5 is not required.

ENCLOSURE (b)

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? UNKNOWN Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? YES Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? UNKNOWN Will there be an increase in level of soil disturbance/damage to vegetation? UNKNOWN Will there be one acre or more of land cleared/disturbed? YES

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? YES Will there be a net increase of solid waste caused by implementing the project/action? UNKNOWN Will the project or action be carried out within 200 feet of a drinking water supply well? No

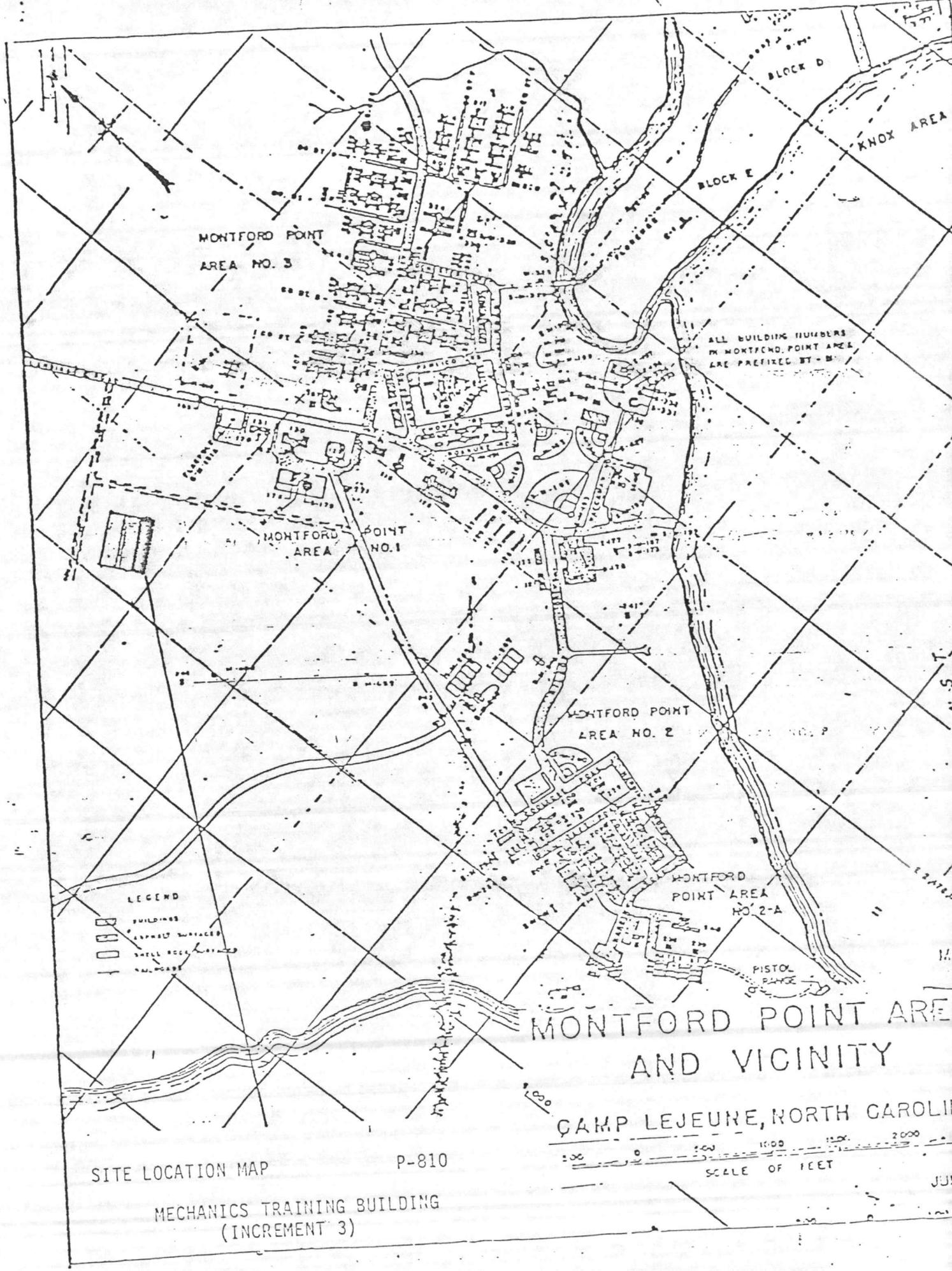
d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNKNOWN Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? UNKNOWN Will petroleum oil and lubricants be routinely stored or used at the site? YES Will the project increase rates of surface/storm water run-off? YES

e. Natural Resources: Will there be a loss of forest land? YES Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? No Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? No Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)



MONTFORD POINT  
AREA NO. 3

ALL BUILDING NUMBERS  
IN MONTFORD POINT AREA  
ARE PREFIXED BY -M

MONTFORD POINT  
AREA NO. 1

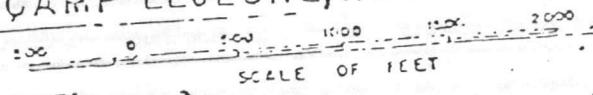
MONTFORD POINT  
AREA NO. 2

MONTFORD  
POINT AREA  
NO. 2-A

- LEGEND
- BUILDINGS
  - ASPHALT SURFACES
  - SHELL ROCK
  - RAILROADS

# MONTFORD POINT AREA AND VICINITY

CAMP LEJEUNE, NORTH CAROLINA

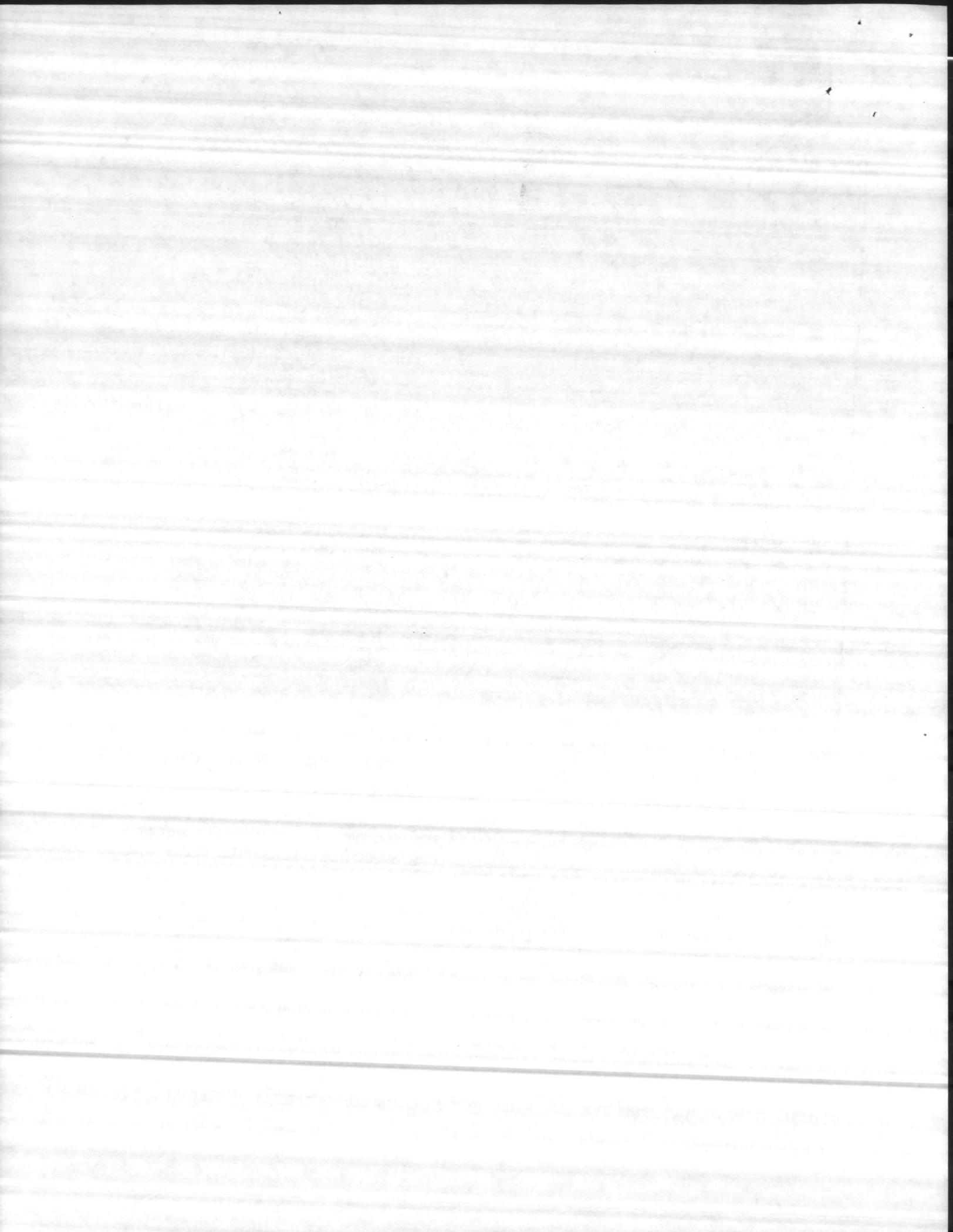


SITE LOCATION MAP

P-810

MECHANICS TRAINING BUILDING  
(INCREMENT 3)

JUN



## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB, CamLej  
Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Div., Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

## COMBAT VEHICLE MAINTENANCE SHOP (P-678)

I. PROJECT DESCRIPTION

Construct three maintenance facilities with highbays of reinforced concrete on pile foundation with masonry walls, concrete floors and built-up roofing with insulation and a connecting road between the 5th Battalion area and the 1st, 2d, and 3rd Battalion areas, overhead doors in bay areas, fire protection, and alarm system telephones, and telephone equipment installation, energy conservation and pollution abatement features are included in project.

II. PROJECT PURPOSE

This project will provide three adequate combat vehicle maintenance/ordnance shops for the 10th Marine Regiment.

III. SITE SELECTION

The environmental impact of location of the project has been documented in the current Base Master Plan. These three buildings will be sited in the Division Shop area (see Enclosure (1)). The preferred site has been reviewed with Base Environmental Personnel. No significant environmental impact or loss of natural resources were identified with this proposed site.

IV. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. The said facility is needed due to personnel having to continue to perform maintenance in substandard makeshift facilities resulting in time consuming and inefficient operations with loss of work time and wasted energy.

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? Yes Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? Yes Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? Unknown Will there be an increase in level of soil disturbance/damage to vegetation? Unknown Will there be one acre or more of land cleared/disturbed? Yes

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? Yes Will there be a net increase of solid waste caused by implementing the project/action? No Will the project or action be carried out within 200 feet of a drinking water supply well? No

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? Unknown Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? Yes Will there be an increase in erosion/siltation from soil disturbing activity? Unknown Will petroleum oil and lubricants be routinely stored or used at the site? Yes Will the project increase rates of surface/storm water run-off? Yes

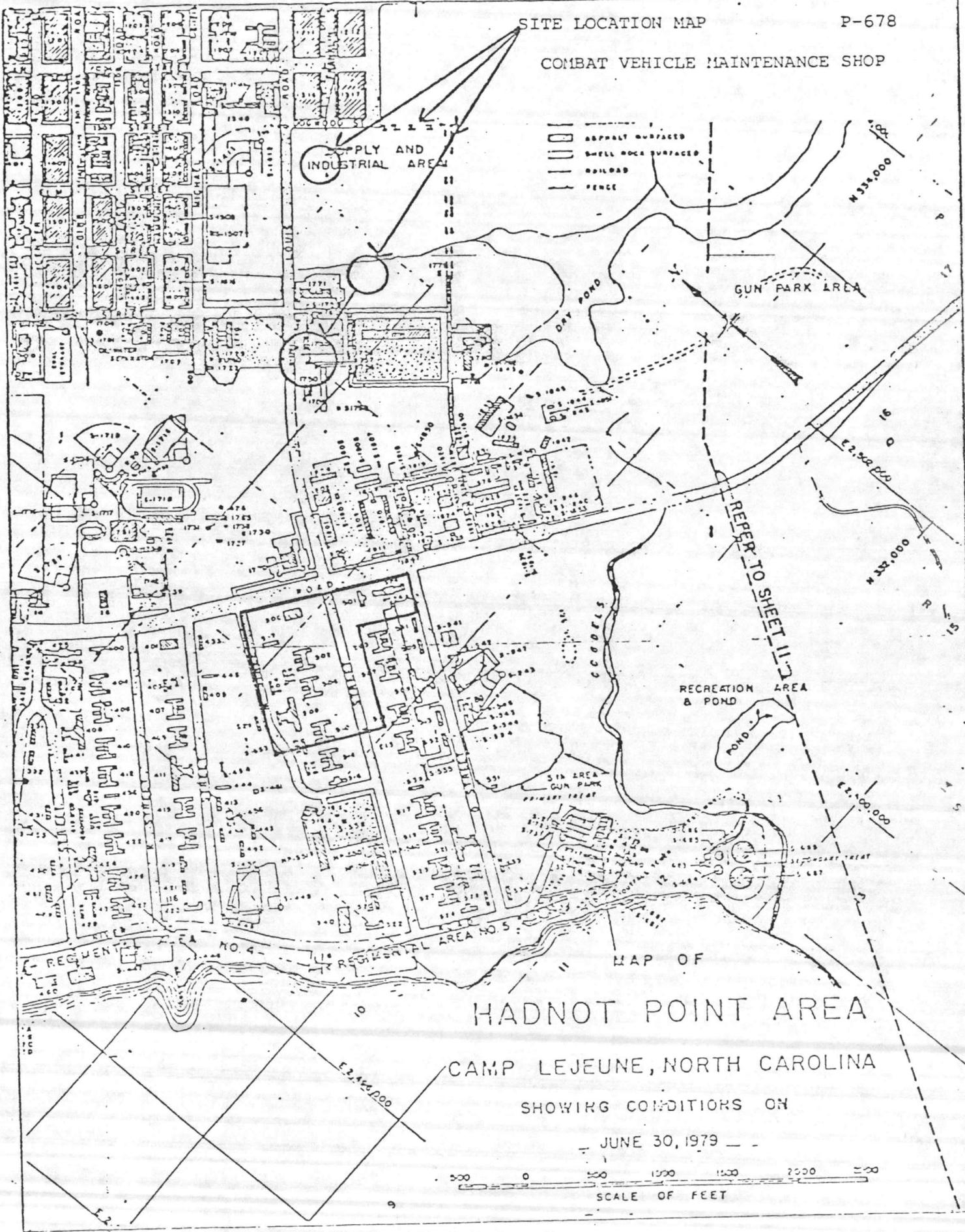
e. Natural Resources: Will there be a loss of forest land? No Will public access for hunting, boating, fishing, etc., be restricted? Yes Is there a change in land use from what is presently shown in Base Master Plan? No Will removal of existing vegetation be required? No Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? No

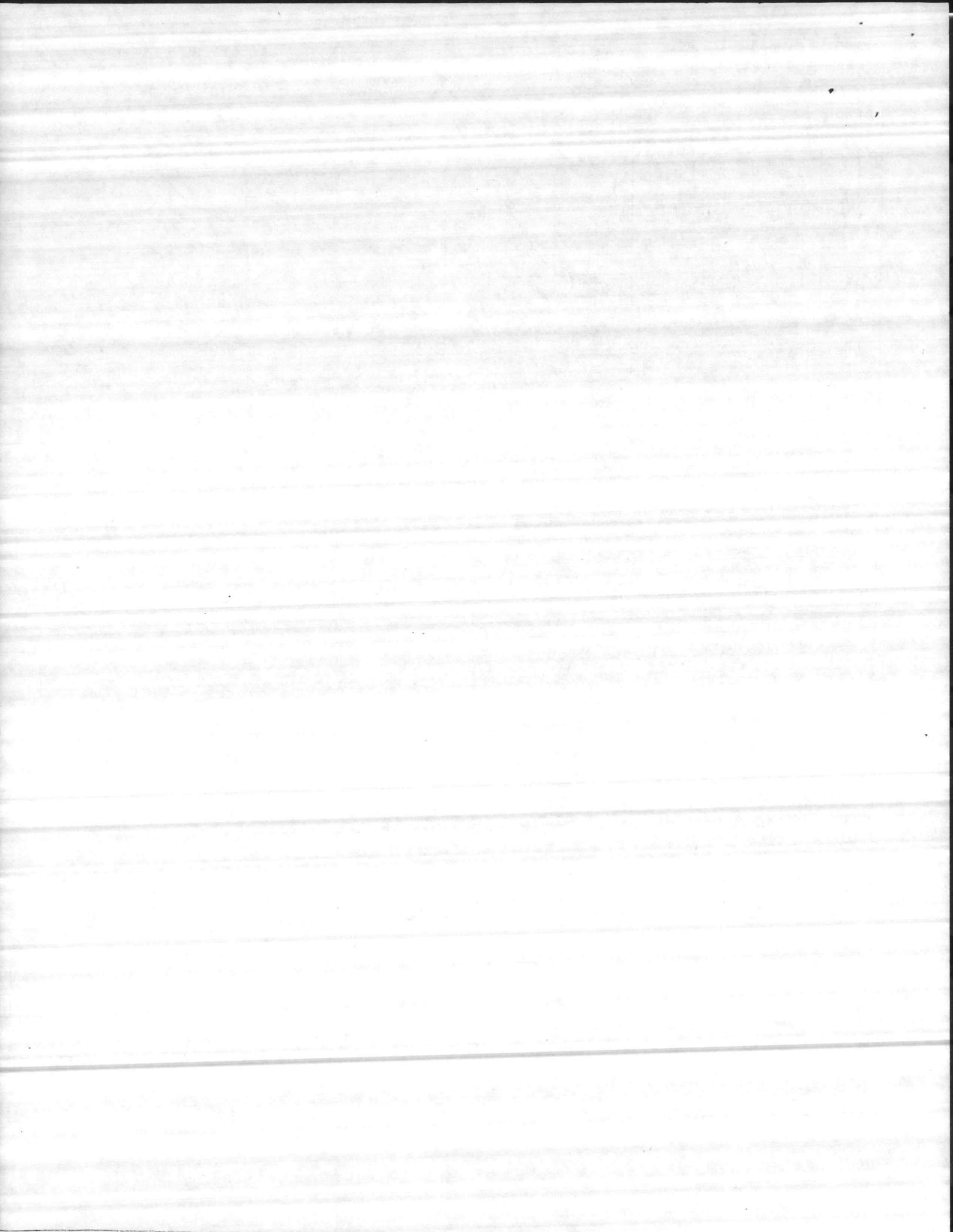
f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? No Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)

COMBAT VEHICLE MAINTENANCE SHOP





## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB, CamLej  
Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Div., Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

## BACHELOR ENLISTED QUARTERS (P-626)

I. PROJECT DESCRIPTION

The Bachelor Enlisted Quarters will provide adequate billeting for bachelor enlisted personnel of the 2d Marine Division. For locations check map enclosures.

II. PROJECT PURPOSE

The purpose of this project is to build nine new Bachelor Enlisted Quarters for the 2d Marine Division to replace the inadequate WWII open squad barracks with a resulting detrimental impact on morale and the Marine Corps' ability to retain trained Marines in an "all volunteer" service.

III. SITE LOCATION

The sites are located on Enclosure (1). The environmental impact of location of the project has been documented in the current Base Master Plan. The preferred site has been reviewed with Base Environmental personnel. No significant environmental impact or loss of natural resources were identified with this proposed site.

IV. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will have no adverse environmental impact on the environment. The building of the new bachelor enlisted quarters to replace the old WWII open squad bay barracks is a positive aspect to the 2d Marine Division. The preparation of an Environmental Assessment by Marine Corps Order 6280.5 is not required.

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? No Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? No Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? Unknown Will there be an increase in level of soil disturbance/damage to vegetation? Yes Will there be one acre or more of land cleared/disturbed? Yes

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? No Will there be a net increase of solid waste caused by implementing the project/action? Unknown Will the project or action be carried out within 200 feet of a drinking water supply well? No

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? Unknown Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? Yes Will there be an increase in erosion/siltation from soil disturbing activity? Unknown Will petroleum oil and lubricants be routinely stored or used at the site? No Will the project increase rates of surface/storm water run-off? Yes

e. Natural Resources: Will there be a loss of forest land? No Will public access for hunting, boating, fishing, etc., be restricted? Yes Is there a change in land use from what is presently shown in Base Master Plan? No Will removal of existing vegetation be required? Yes Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? No

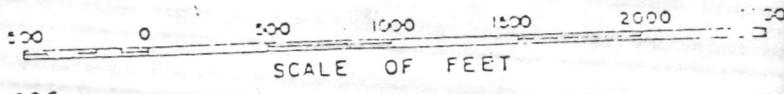
f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? No Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)



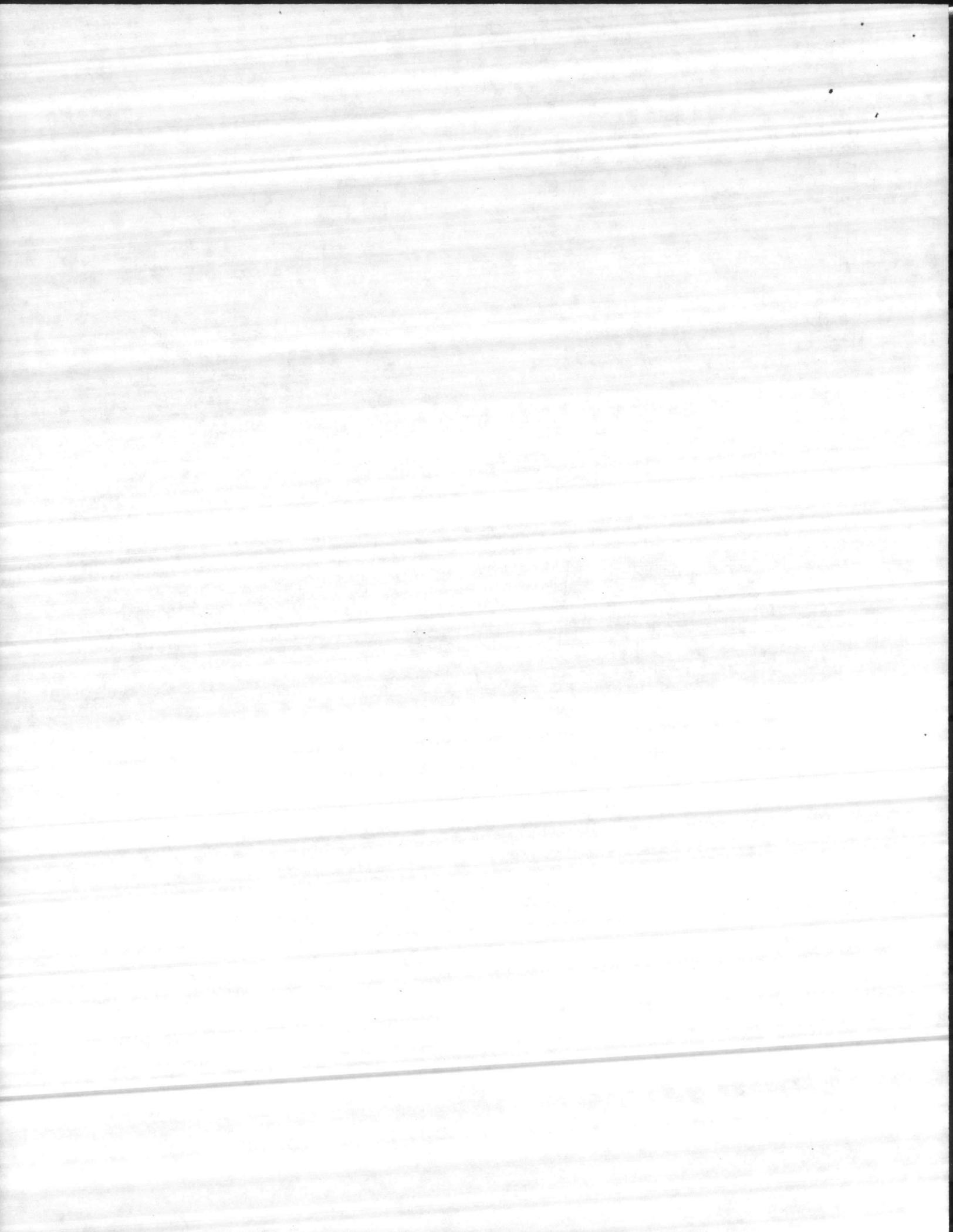
MAP OF  
 HADNOT POINT AREA  
 CAMP LEJEUNE, NORTH CAROLINA  
 SHOWING CONDITIONS ON  
 JUNE 30, 1979



SITE LOCATION MAP

P-626

BACHELOR ENLISTED QUARTERS



## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB  
Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Div., Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

## DIVISION HEADQUARTERS (P-057)

I. PROJECT DESCRIPTION

The Division Headquarters will provide an adequate Headquarters building for the 2d Force Service Support Group in the French Creek Area. The building will be a three story structured steel frame building with pile foundation, masonry walls, concrete floors, built-up roof and installation, air conditioning, heating, fire prevention, pavement, exterior lighting.

II. PROJECT PURPOSE

This project will provide 2d FSSG Headquarters with adequate facilities. One major goal in this project is to move the 2d Force Service Support Group Headquarters which is now located in an old WWII barracks in the Hadnot Point Area, some three miles away from their living/working area in the French Creek Area.

III. SITE SELECTION

The site is located on Enclosure (1). The site named is to be located in the French Creek, 2d FSSG area and is in compliance with the latest Camp Lejeune Master Plan.

IV. CONCLUSION

Based on information provided above and in the Base Master Plan, this project will not have any significant adverse environmental impact on the environment. The building of a new Division Headquarters would be a positive aspect. Preparation of an environmental assessment per MCO 6280.5 is not required.

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? Yes Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? No Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? No Will there be an increase in level of soil disturbance/damage to vegetation? No Will there be one acre or more of land cleared/disturbed? Yes

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? No Will there be a net increase of solid waste caused by implementing the project/action? Unknown Will the project or action be carried out within 200 feet of a drinking water supply well? No

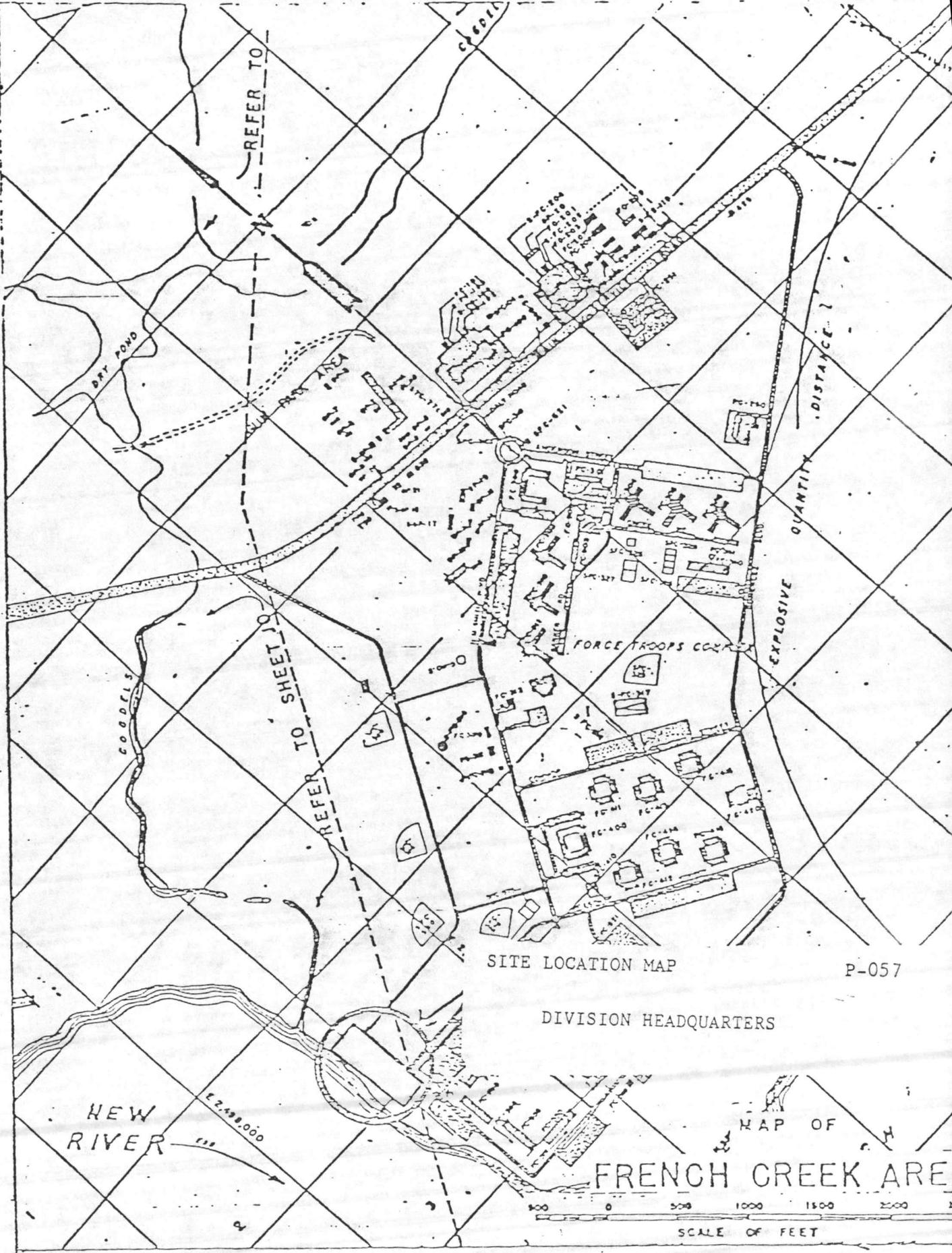
d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? Unknown Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? Yes Will there be an increase in erosion/siltation from soil disturbing activity? No Will petroleum oil and lubricants be routinely stored or used at the site? Yes Will the project increase rates of surface/storm water run-off? Yes

e. Natural Resources: Will there be a loss of forest land? No Will public access for hunting, boating, fishing, etc., be restricted? Yes Is there a change in land use from what is presently shown in Base Master Plan? No Will removal of existing vegetation be required? Yes Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? No

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? No Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)



SITE LOCATION MAP

P-057

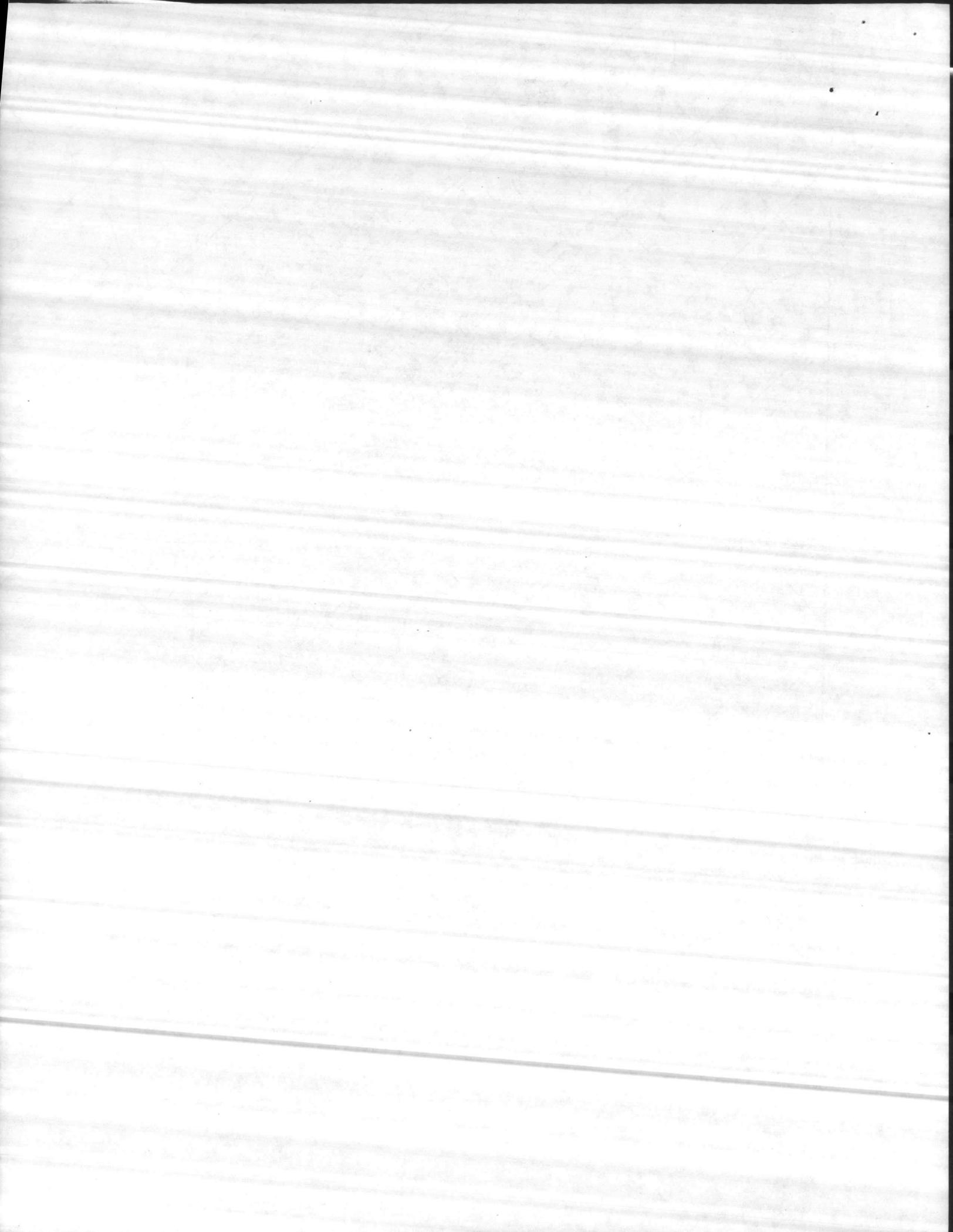
DIVISION HEADQUARTERS

HEW RIVER

MAP OF FRENCH CREEK AREA

SCALE OF FEET

ENCLOSURE (9)



## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB, CamLej  
Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Div., Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

FIELD MAINTENANCE SHOP (P-256)

I. PROJECT DESCRIPTION

The Field Maintenance Shop will be a permanent one story shop with piling, reinforced concrete foundation, floors, and masonry walls, etc. The building will consist of built-up roof over insulation and interior support system, area lighting, exterior pavement, site work, utilities connected, exterior lube/inspection pit, inspection ramp, wash aprons, and exterior lube shed.

II. PROJECT PURPOSE

The shop will provide a Consolidated Field Maintenance Facility for 2d Maintenance Battalion, 2d FSSG to maintain and repair all East Coast Fleet Marine Force group equipment. This includes wheel and track vehicles, ordnance repair, heavy construction weight handling equipment, and communication/electronics equipment.

III. SITE SELECTION

The environmental impact of location of the project has been documented in the current Base Master Plan. This facility will be located in the French Creek area, in keeping with the Base Master Plan (see Enclosure (1)). The preferred site has been reviewed with the Base Environment personnel. No significant environmental impact or loss of natural resources were identified with this proposed site.

IV. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will not have any significant adverse impact on the environment. Preparation of an environmental assessment per MCO 6280.5 is not required.

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? UNKNOWN Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? YES Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? UNKNOWN Will there be an increase in level of soil disturbance/damage to vegetation? UNKNOWN Will there be one acre or more of land cleared/disturbed? YES

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? YES Will there be a net increase of solid waste caused by implementing the project/action? No Will the project or action be carried out within 200 feet of a drinking water supply well? No

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNKNOWN Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? No Will petroleum oil and lubricants be routinely stored or used at the site? YES Will the project increase rates of surface/storm water run-off? YES

e. Natural Resources: Will there be a loss of forest land? YES Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? YES Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? No

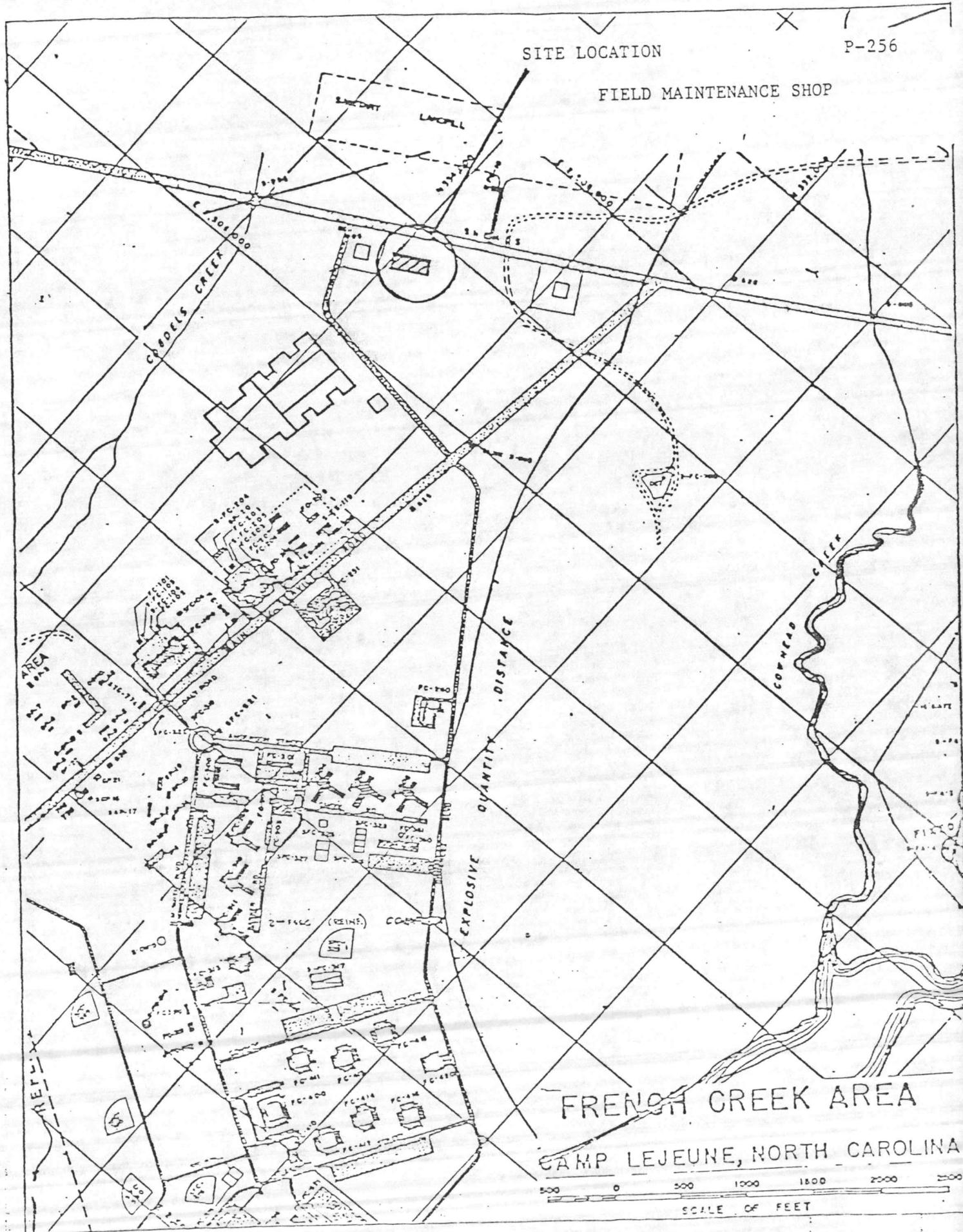
f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? No Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

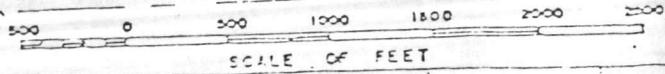
SITE LOCATION

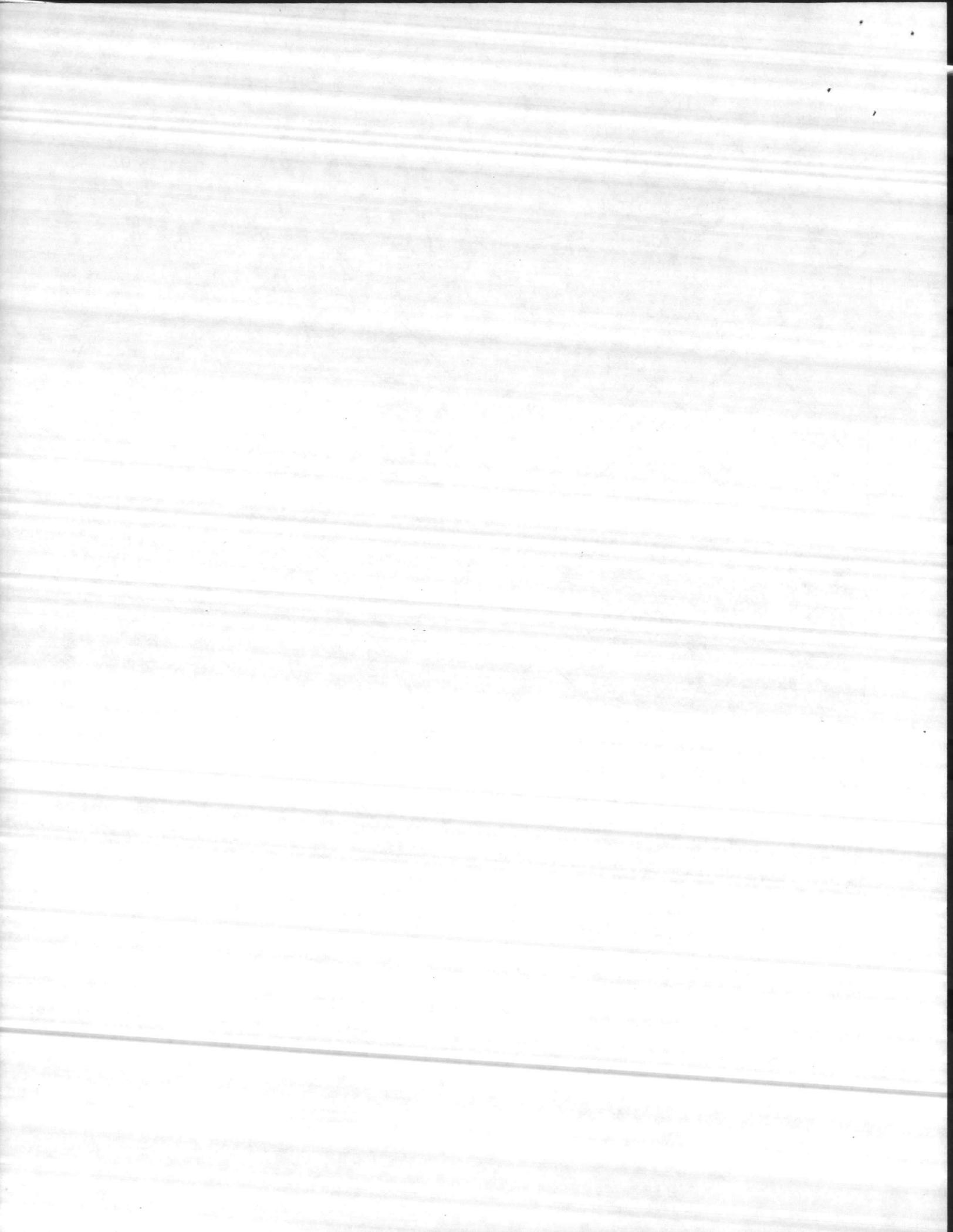
P-256

FIELD MAINTENANCE SHOP



FRENCH CREEK AREA  
CAMP LEJEUNE, NORTH CAROLINA





## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB;  
(Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Div, Fac Dept.) ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

## GYMNASIUM (P-065)

I. PROJECT DESCRIPTION

To construct a 21,000 SF gymnasium facility. Structures will consist of reinforced concrete foundation on pilings, floor slab, masonry walls, built-up roof with insulation, and connecting utilities.

II. PROJECT PURPOSE

This project will provide the personnel of 2d FSSG (FMFLant) a physical fitness gymnasium. There is no physical fitness facility located in the 2d FSSG complex currently under construction in the French Creek area. The nearest area gymnasium is over 2 miles away in the 2d MarDiv, 5th Area, which is currently in support of seven battalions. Therefore, the purpose of this project is to build a gymnasium closer to these personnel for their physical fitness purposes.

III. SITE SELECTION

The environmental impact of location of the project has been documented in the current Base Master Plan. The facility will be located in the French Creek area, in keeping with the Camp Lejeune Master Plan. See Enclosure (1). The preferred site has been reviewed with Base Environmental personnel. No significant environmental impact or loss of natural resources were identified with this proposed site.

IV. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. Preparation of an environmental assessment per MCO 6280.5 is not required.

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? No Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? No Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? Unknown Will there be an increase in level of soil disturbance/damage to vegetation? Unknown Will there be one acre or more of land cleared/disturbed? Yes

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? No Will there be a net increase of solid waste caused by implementing the project/action? No Will the project or action be carried out within 200 feet of a drinking water supply well? No

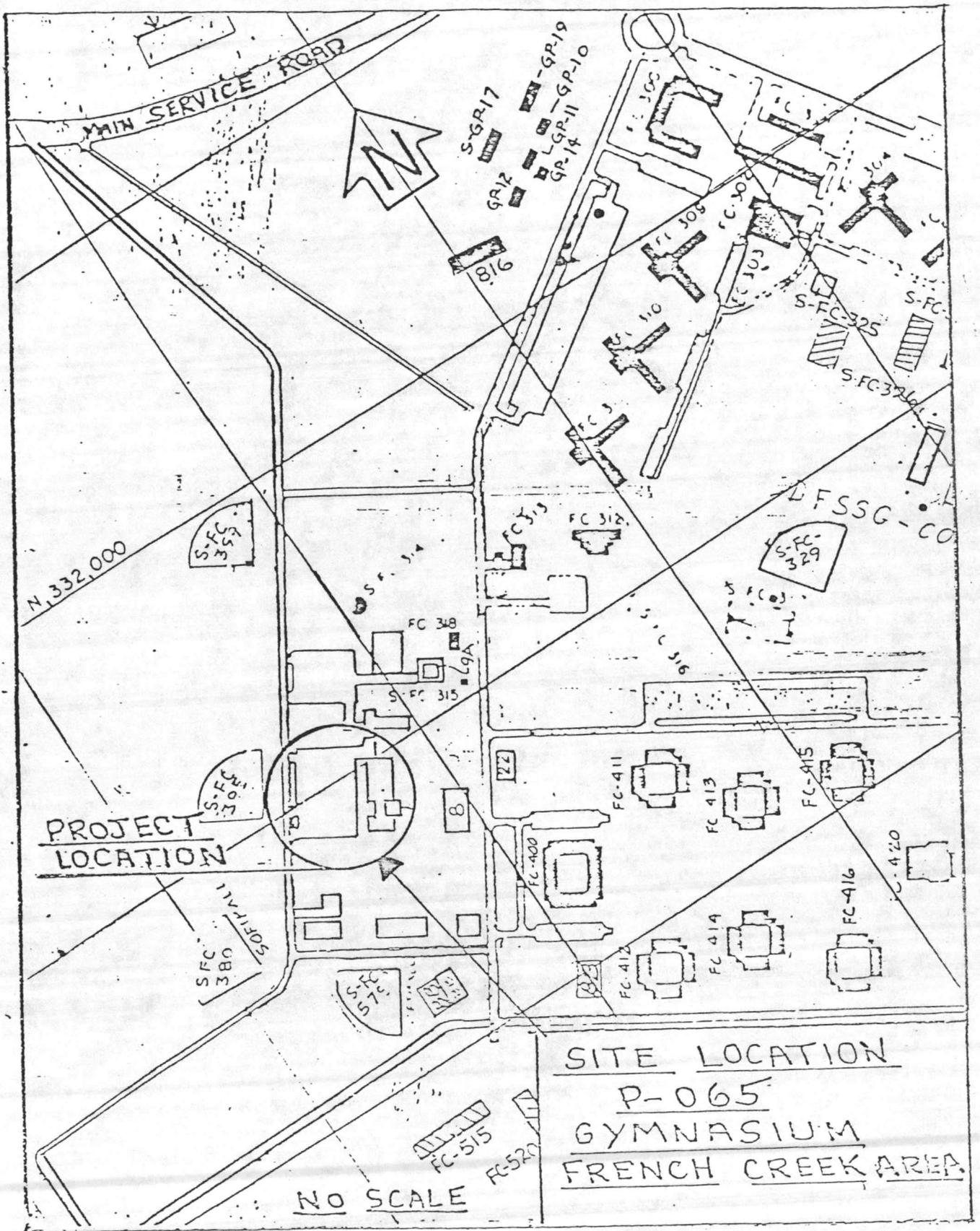
d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year Flood plain? Unknown Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? Yes Will there be an increase in erosion/siltation from soil disturbing activity? No Will petroleum oil and lubricants be routinely stored or used at the site? No Will the project increase rates of surface/storm water run-off? No

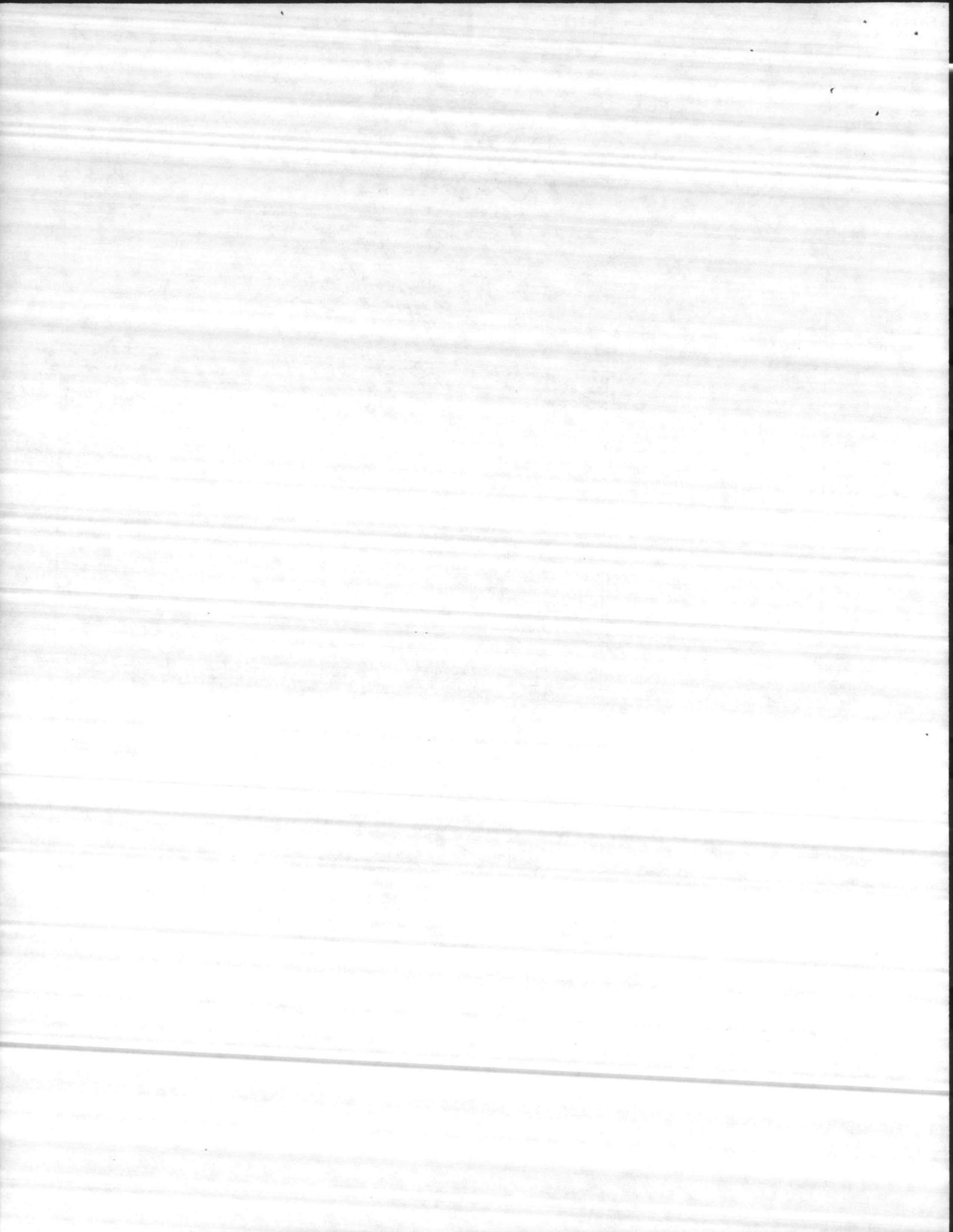
e. Natural Resources: Will there be a loss of forest land? No Will public access for hunting, boating, fishing, etc., be restricted? Yes Is there a change in land use from what is presently shown in Base Master Plan? No Will removal of existing vegetation be required? Yes Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? No

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? No Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)





## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB, CamLej  
Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Div., Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

CHAPEL (P-824)

I. PROJECT DESCRIPTION

A 460-seat Chapel with reinforced masonry walls on spread footings, interior walls plastered, interior support features (i.e., heating and air conditioning, carpet, accent lighting system, public address system, stained-glass windows, baptismal pool, fire protection, etc.) paved parking, sidewalks, and exterior lighting.

II. PROJECT PURPOSE

This project will provide a 460-seat Chapel in the Tarawa Terrace housing area and will provide spiritual and moral guidance to military personnel and dependents in the Tarawa Terrace housing area.

III. SITE SELECTION

The environmental impact of location of this project has been documented in the Base Master Plan. The facility will be located in the Tarawa Terrace area (see Enclosure (1)). The preferred site has been reviewed with Base Environmental personnel. No significant environmental impact or loss of natural resources were identified with this proposed site.

IV. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. Preparation of an environmental assessment per MCO 6280.5 is not required.

ENCLOSURE (1)

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? NO Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? NO Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? NO Will there be an increase in level of soil disturbance/damage to vegetation? NO Will there be one acre or more of land cleared/disturbed? YES

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any excavations deeper than twenty feet? NO Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? NO Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? NO

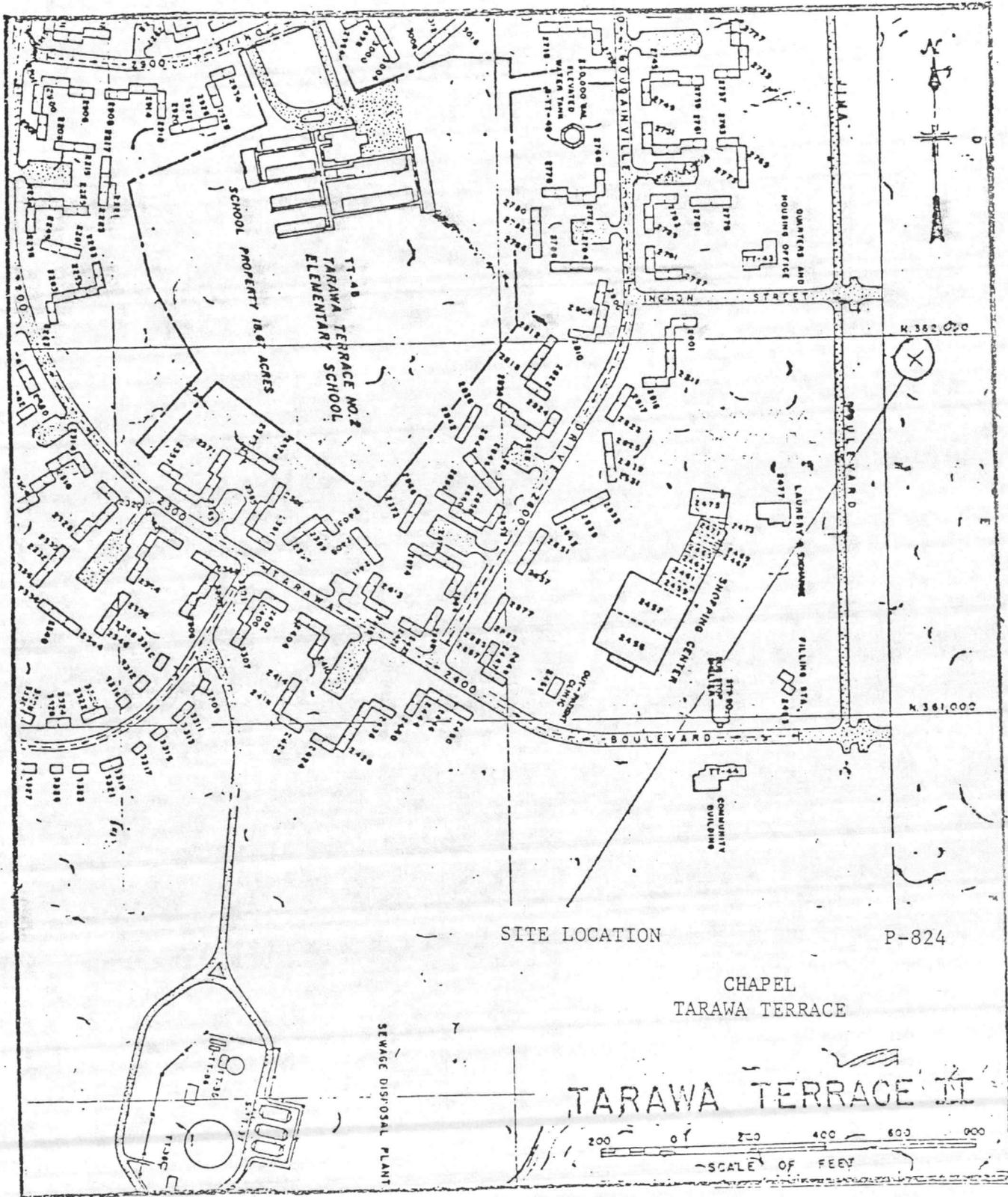
d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNKNOWN Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? NO Will petroleum oil and lubricants be routinely stored or used at the site? NO Will the project increase rates of surface/storm water run-off? YES

e. Natural Resources: Will there be a loss of forest land? NO Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? NO Will there be any increased demand on a local or state government to provide services? NO Will there be any changes to traffic flow and patterns on or off-base? NO Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? NO Is there any known controversy associated with the type of project or action proposed? NO Are there any historical or archaeological sites affected by project/action? NO

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)

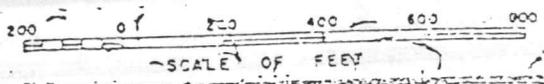


SITE LOCATION

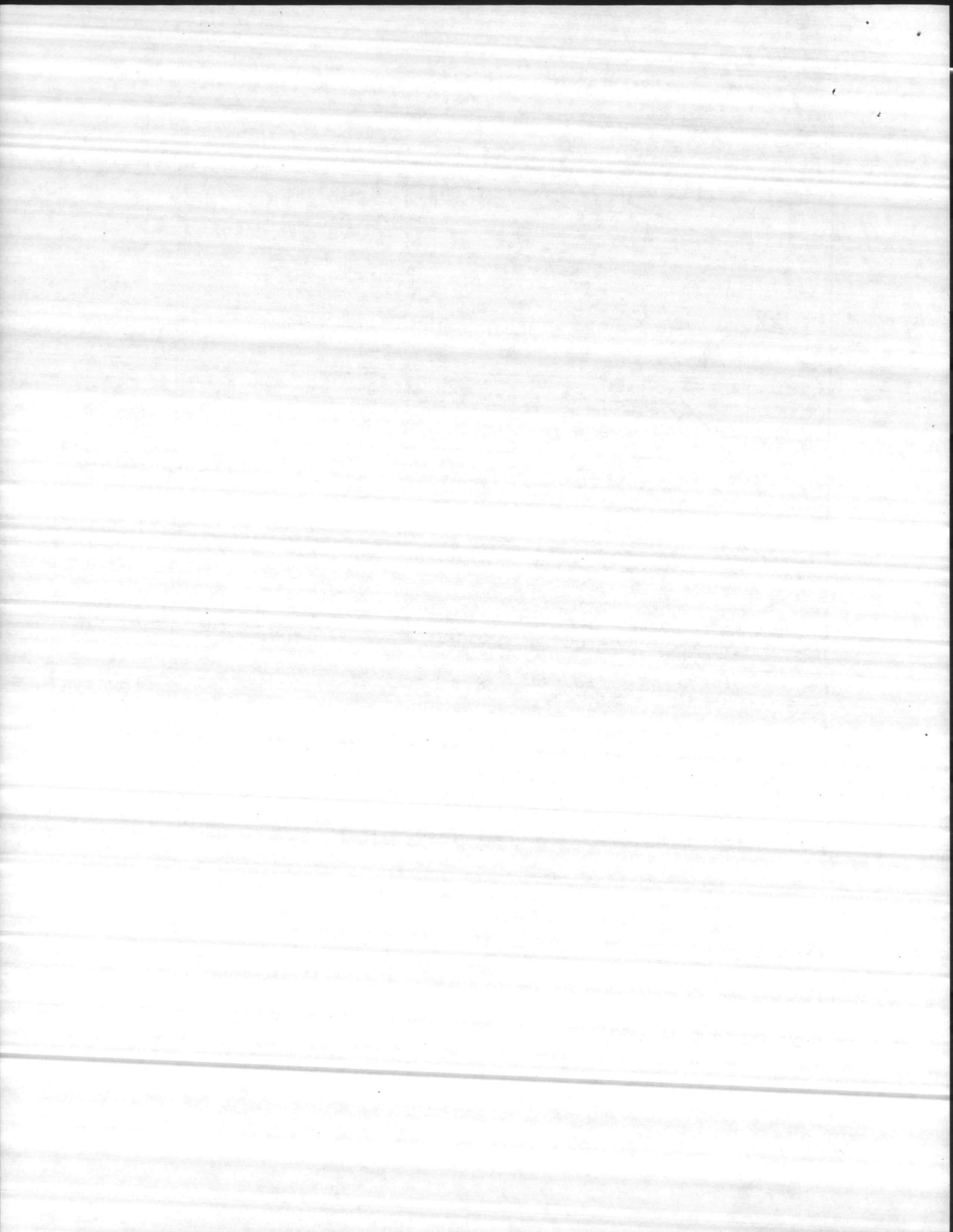
P-824

CHAPEL  
TARAWA TERRACE

TARAWA TERRACE II



Enclosure (L)



## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB  
Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Div., Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

ELECTRICAL DISTRIBUTION IMPROVEMENTS (MONTFORD PT) (P-851)

I. PROJECT DESCRIPTION

This project will modernize and increase capacity of approximately 3.9 miles of overhead electrical distribution (12.4KV). Modernization is to include: Wood poles, narrow profile hardware, 4/0cu. stranded conductors, trimming existing right-of-way and demolition of existing power line.

II. PROJECT PURPOSE

This project will update and increase capacity of the electrical distribution feeder which supports the Montford Point area. This project relieves critical electrical distribution problems caused by ongoing construction in several areas of the base.

III. SITE SELECTION

The environmental impact of location of the project has been documented in the current Base Master Plan. The proposed project will be constructed within the existing power line right-of-way (see Enclosure (1)).

IV. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. The modernized and increased capacity is needed; without it there will be no electrical support for military construction projects planned for Montford Point in FY-88 and beyond. Preparation of an environmental assessment per MCO 6280.5 is not required.

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? No Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? No Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? No Will there be an increase in level of soil disturbance/damage to vegetation? No Will there be one acre or more of land cleared/disturbed? No

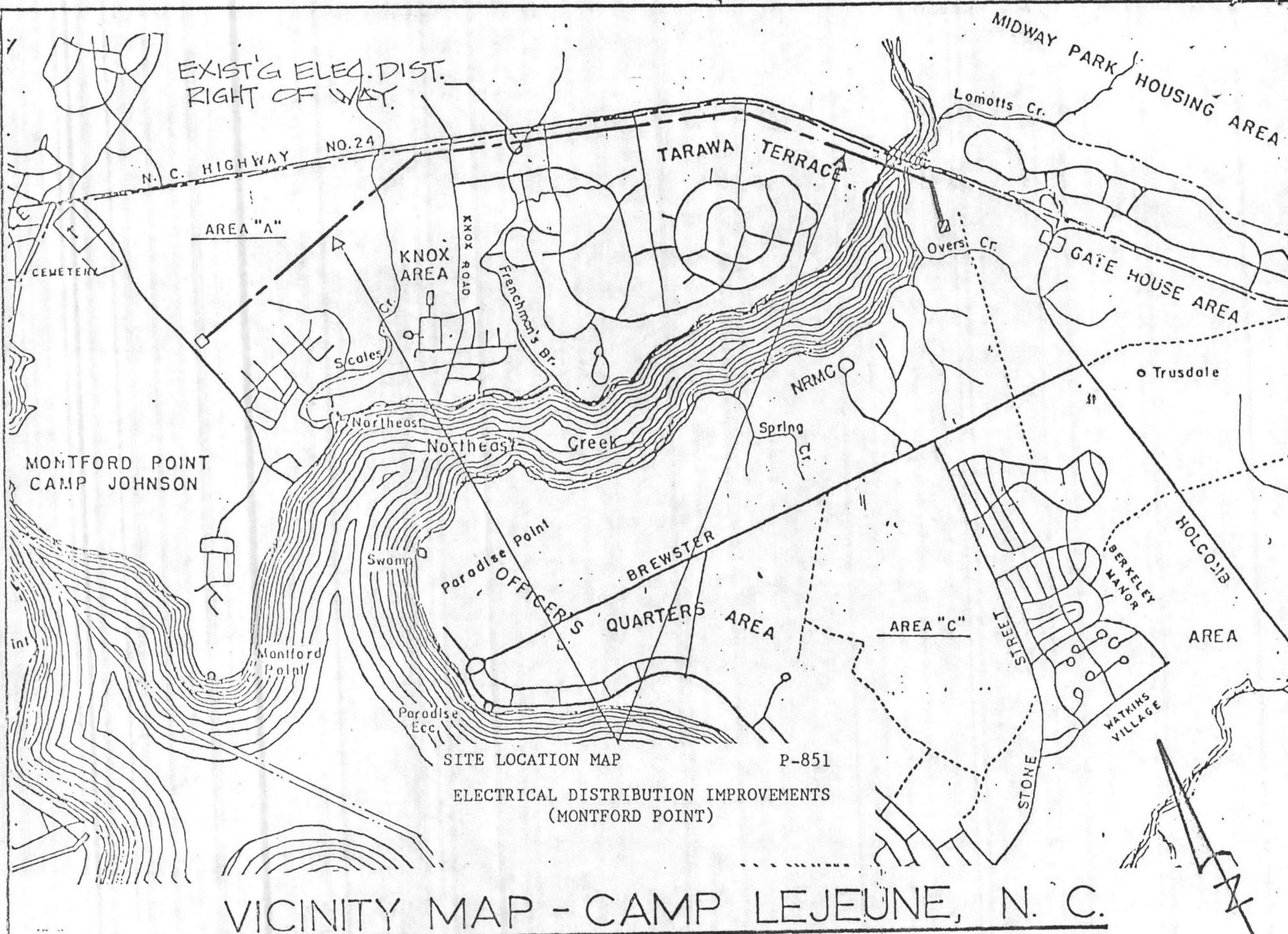
c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? No Will there be a net increase of solid waste caused by implementing the project/action? No Will the project or action be carried out within 200 feet of a drinking water supply well? No

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? No Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? No Will petroleum oil and lubricants be routinely stored or used at the site? No Will the project increase rates of surface/storm water run-off? No

e. Natural Resources: Will there be a loss of forest land? No Will public access for hunting, boating, fishing, etc., be restricted? No Is there a change in land use from what is presently shown in Base Master Plan? No Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? NO

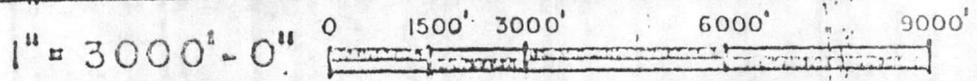
f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? No Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.



SITE LOCATION MAP P-851  
 ELECTRICAL DISTRIBUTION IMPROVEMENTS  
 (MONTFORD POINT)

VICINITY MAP - CAMP LEJEUNE, N. C.



Enclosure (13)



## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB  
Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Division, Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

## REGIONAL AUTOMATED SERVICE CENTER (P-842)

I. PROJECT DESCRIPTION

Construct a facility with masonry walls, built up roof over insulation reinforced concrete, foundation on piling and raised flooring, uninterrupted power supply and special fire protection features. Include energy conservation features, and POV and customer parking. Provide special communication wiring, fencing and lighting and special internal security features, and an emergency generator.

II. PROJECT PURPOSE

To provide a facility to house an East Coast Regional Automated Service Center for the Marine Corps. The Regional Service Center is now operating in an old warehouse with only enough space to support local services. Expansion and modernization are required to support all East Coast functions.

III. SITE SELECTION

The environmental impact of location of the project has been documented in the current Base Master Plan. The facility will be located in the 1500 block between Holcomb Boulevard and West Road. See Enclosure (1). The preferred site has been reviewed with Base Environmental Personnel. No significant environmental impact or loss of natural resources were identified with this proposed site.

IV. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. Preparation of an environmental assessment per MCO 6280.5 is not required.

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? UNKNOWN Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? No Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? UNKNOWN Will there be an increase in level of soil disturbance/damage to vegetation? UNKNOWN Will there be one acre or more of land cleared/disturbed? YES

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? No Will there be a net increase of solid waste caused by implementing the project/action? UNKNOWN Will the project or action be carried out within 200 feet of a drinking water supply well? No

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? No Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? UNKNOWN Will petroleum oil and lubricants be routinely stored or used at the site? YES Will the project increase rates of surface/storm water run-off? YES

e. Natural Resources: Will there be a loss of forest land? No Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? No Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? No

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? No Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

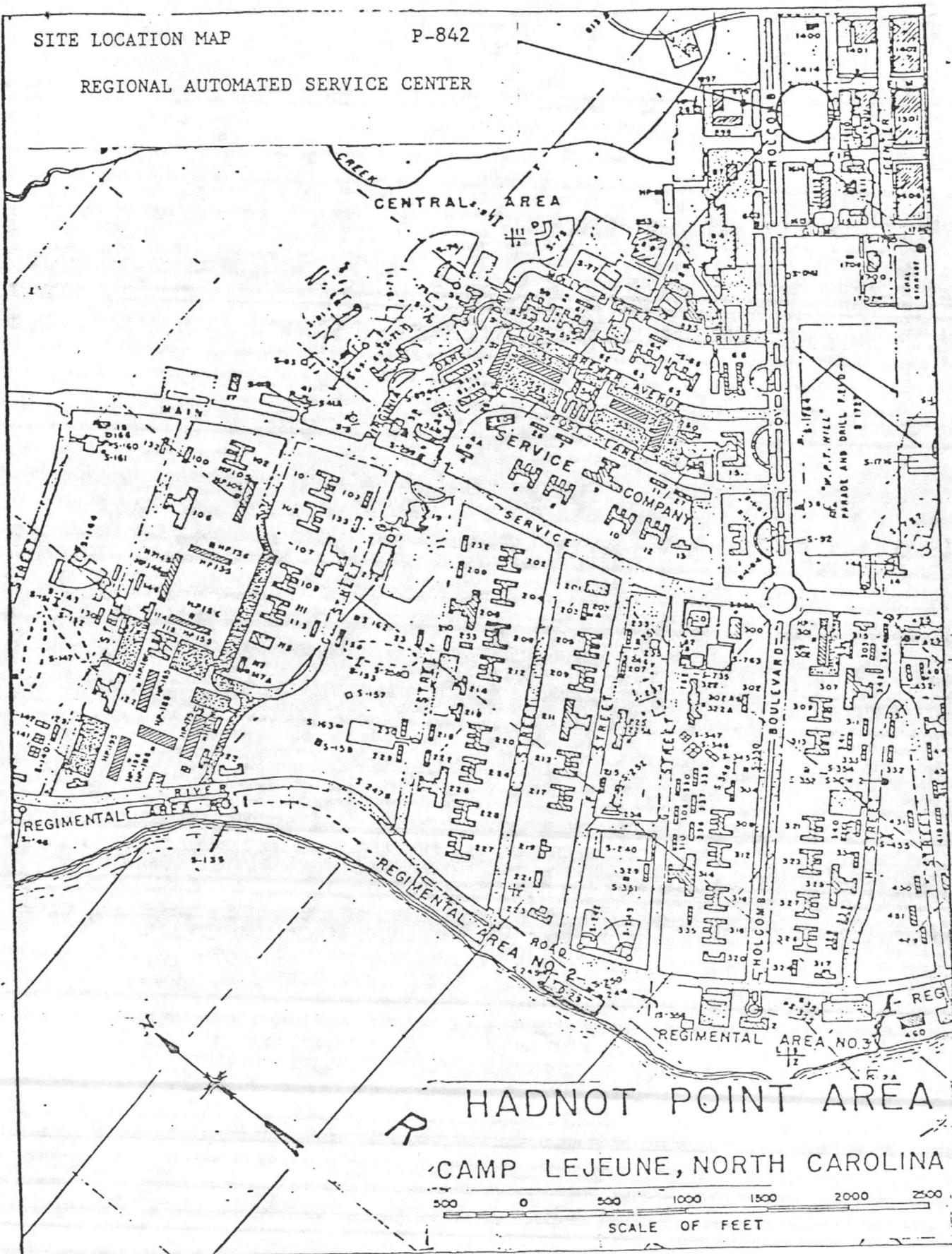
NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)

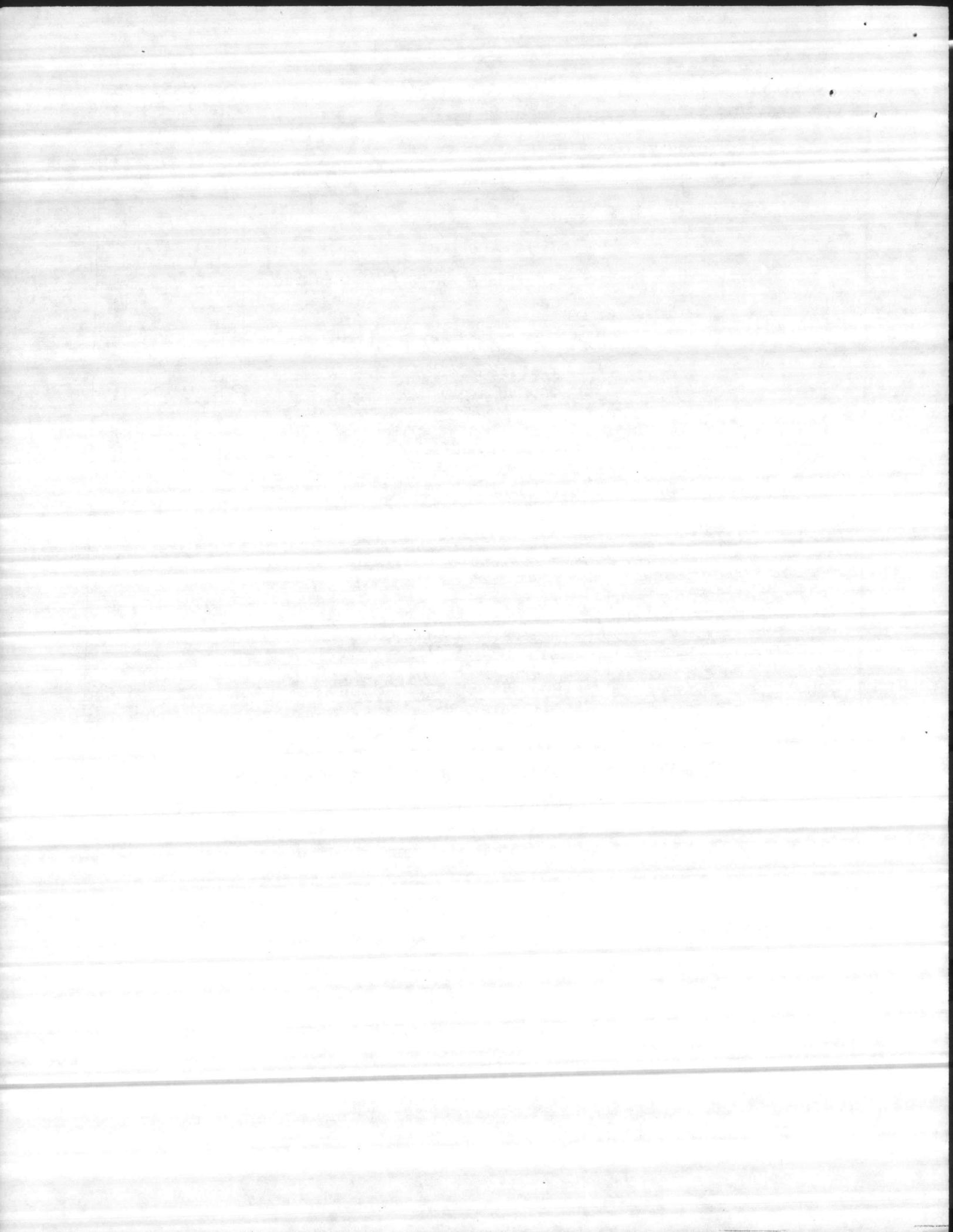
SITE LOCATION MAP

P-842

REGIONAL AUTOMATED SERVICE CENTER



HADNOT POINT AREA  
CAMP LEJEUNE, NORTH CAROLINA



## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: \_\_\_\_\_  
Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Division, Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

MESS HALL ADDITION (P-841)

I. PROJECT DESCRIPTION

Expand the dining area and provide a mini-galley and serving line for fast food service in Dining Facility, FC-540. Match existing architectural motif. Include utility connections, energy conservation and pollution abatement features.

II. PROJECT PURPOSE

This project will provide additional messing area by expanding dining facility to FC-540 in the French Creek Area. To improve the present situation of the overcrowdedness of the present situation in the dining area.

III. SITE SELECTION

The environmental impact of location of the project has been documented in the current Base Master Plan. This facility will be located in the "500" area of French Creek, an expansion of FC-540. (See Enclosure (1).)

IV. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. Therefore, the need is getting great for larger dining facilities due to the overcrowded dining facilities. Preparation of an environmental assessment per MCO 6280.5 is not required.

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? No Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? No Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? No Will there be an increase in level of soil disturbance/damage to vegetation? No Will there be one acre or more of land cleared/disturbed? No

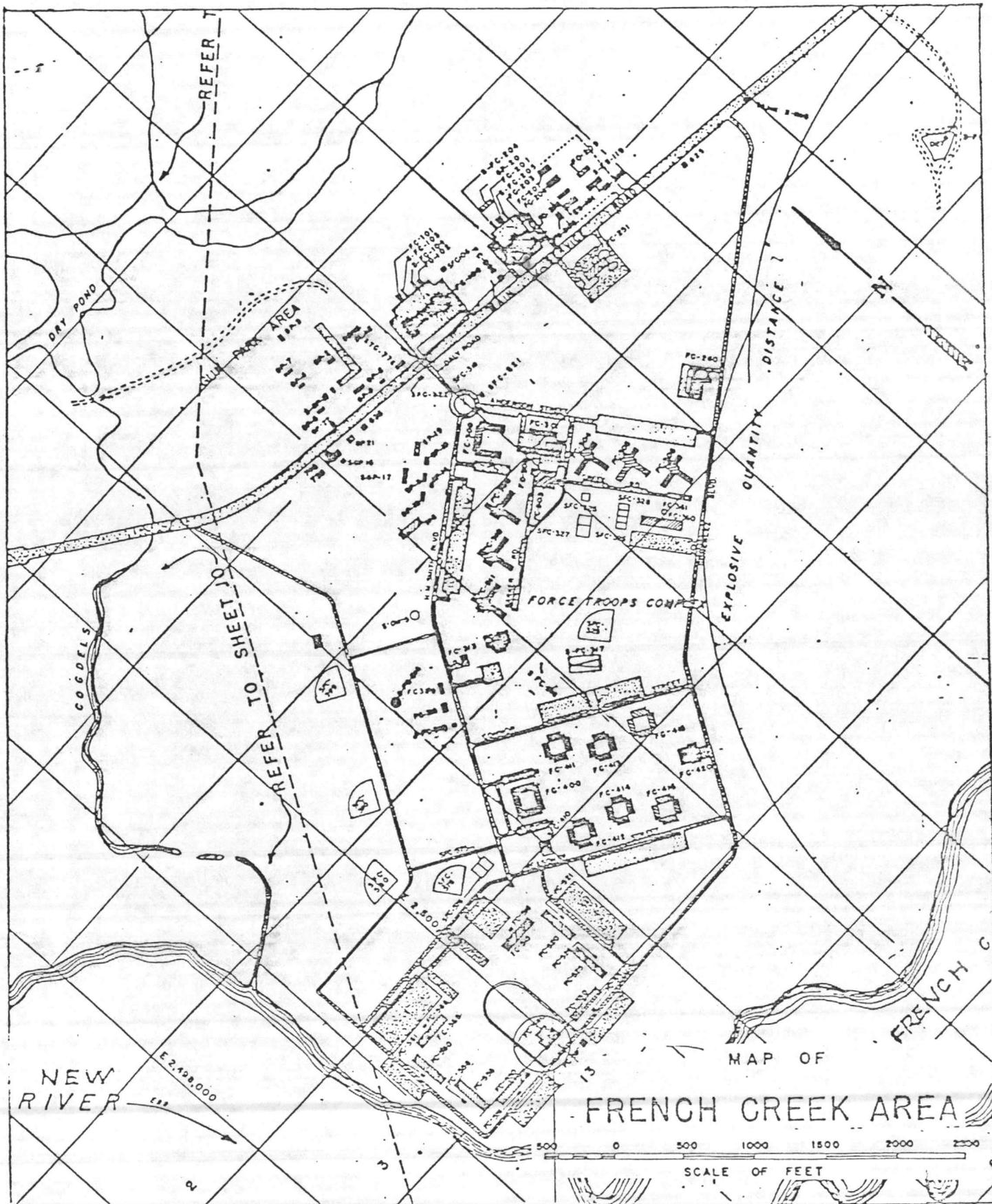
c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? No Will there be a net increase of solid waste caused by implementing the project/action? Yes Will the project or action be carried out within 200 feet of a drinking water supply well? No

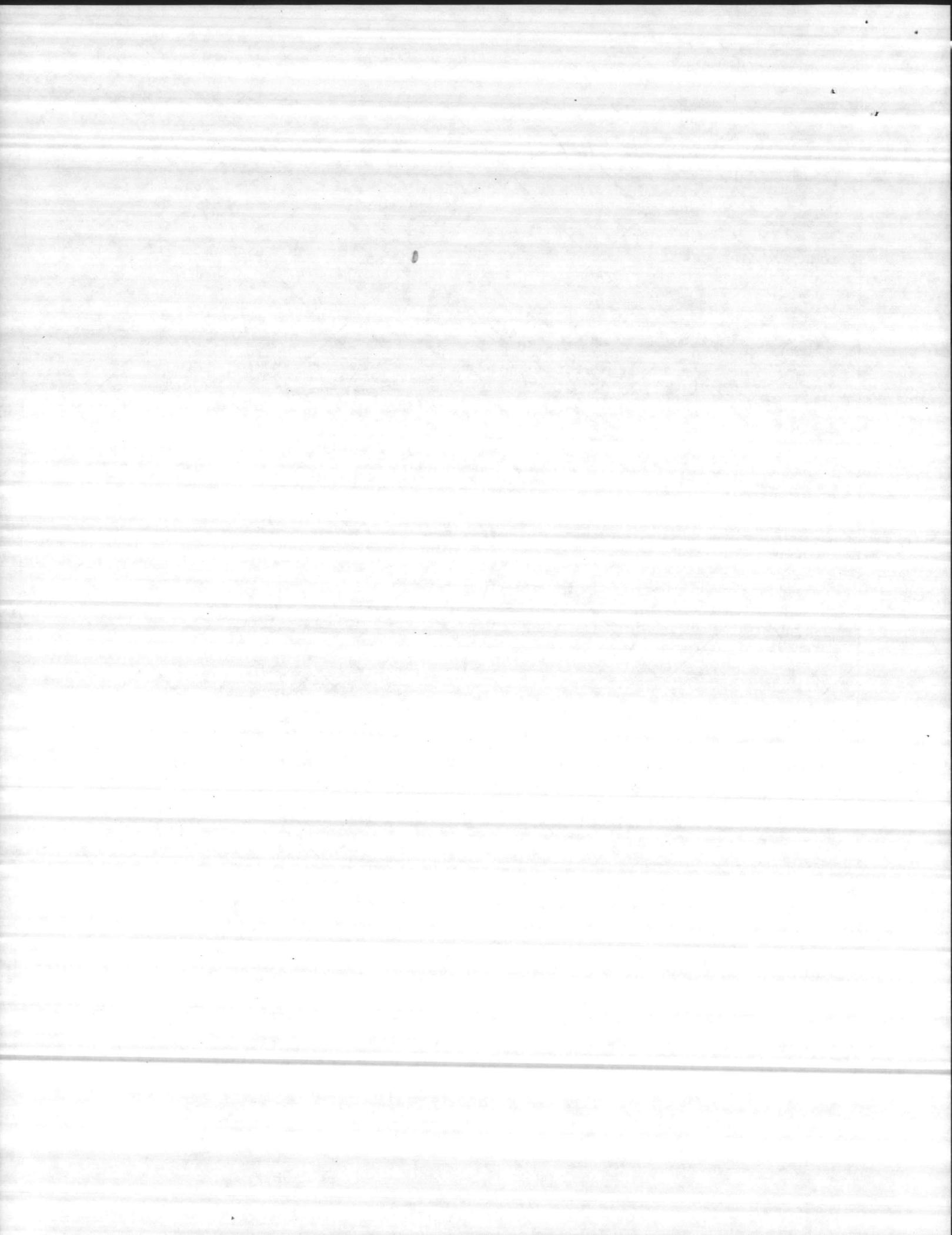
d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? Unknown Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? Yes Will there be an increase in erosion/siltation from soil disturbing activity? No Will petroleum oil and lubricants be routinely stored or used at the site? No Will the project increase rates of surface/storm water run-off? Yes

e. Natural Resources: Will there be a loss of forest land? No Will public access for hunting, boating, fishing, etc., be restricted? Yes Is there a change in land use from what is presently shown in Base Master Plan? No Will removal of existing vegetation be required? Yes Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? No

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? No Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.





## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB,  
Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Div., Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

FIELD MAINTENANCE COMPLEX (P-803, INCREMENT #2)

I. PROJECT DESCRIPTION

The Field Maintenance Complex will be a permanent one story shop with piling, reinforced concrete foundation, floors and masonry walls. Built-up roof over installation and interior support systems, area lighting, exterior pavement, site work, and utilities connected.

II. PROJECT PURPOSE

The Complex will provide a consolidated Field Maintenance Facility for the 2d Maintenance Bn, 2d FSSG, to maintain and repair all East Coast Fleet Marine Force ground equipment. This includes wheel and track vehicles, heavy equipment, and communication/electronics equipment.

III. SITE SELECTION

The environmental impact of location of the project has been documented in the current Base Master Plan. This facility will be located in the French Creek area, in keeping with the Base Master Plan (see Enclosure (1)). The preferred site has been reviewed with Base Environmental personnel. No significant environmental impact or loss of natural resources were identified with this proposed site.

IV. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will not have significant adverse impact on the environment. Preparation of an environmental assessment per MCO 6280.5 is not required.

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? NO Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? YES Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? YES Will the project involve the use or disposal of asbestos? NO Will project cause dust problems? NO

b. Land Quality: Will the action require use of significant amount of earthen fill material? UNKNOWN Will there be an increase in level of soil disturbance/damage to vegetation? UNKNOWN Will there be one acre or more of land cleared/disturbed? YES

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? UNKNOWN Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any excavations deeper than twenty feet? NO Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? YES Will there be a net increase of solid waste caused by implementing the project/action? NO Will the project or action be carried out within 200 feet of a drinking water supply well? NO

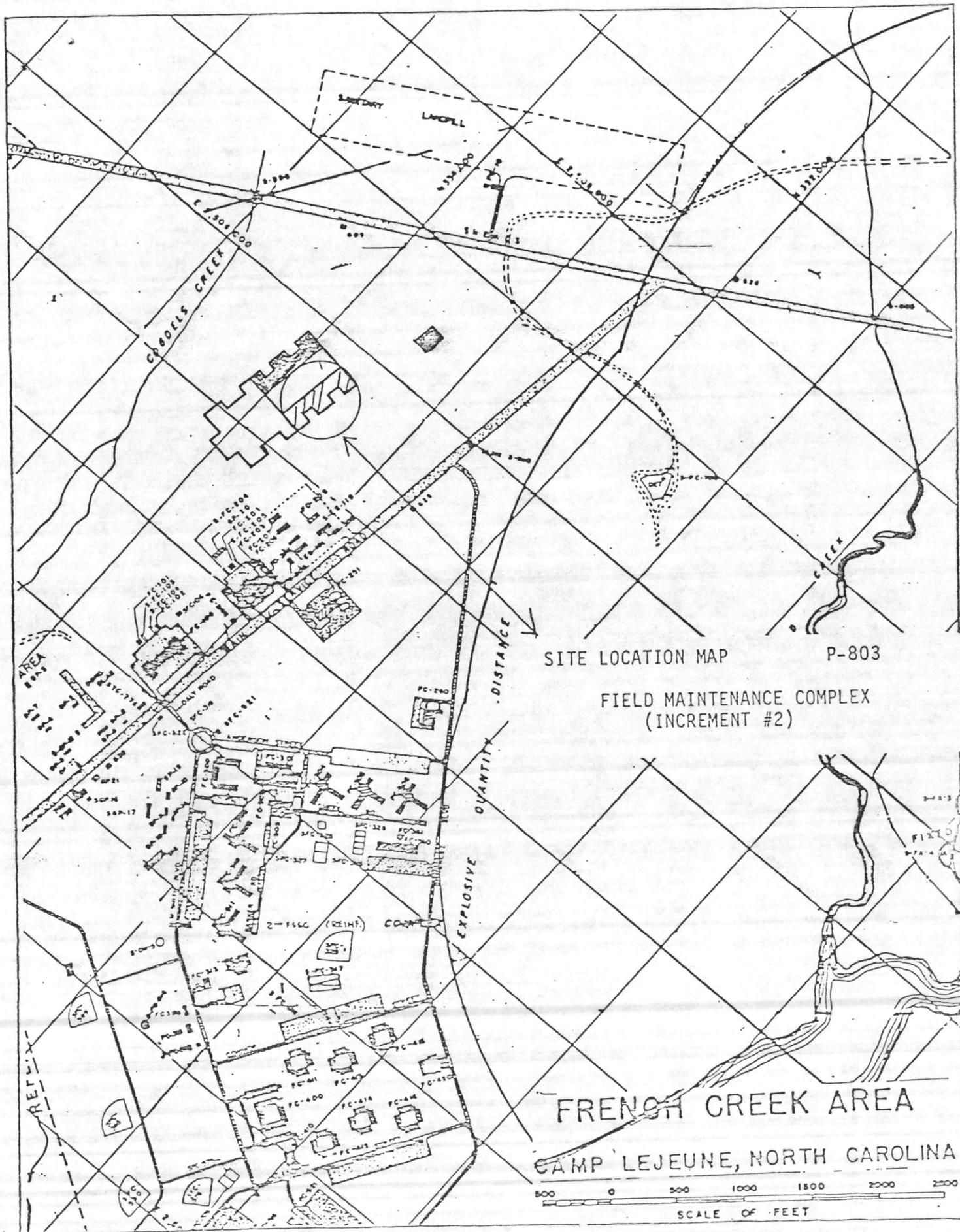
d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? UNKNOWN Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO Will all wastewater be connected to sanitary sewer? YES Will there be an increase in erosion/siltation from soil disturbing activity? UNKNOWN Will petroleum oil and lubricants be routinely stored or used at the site? YES Will the project increase rates of surface/storm water run-off? YES

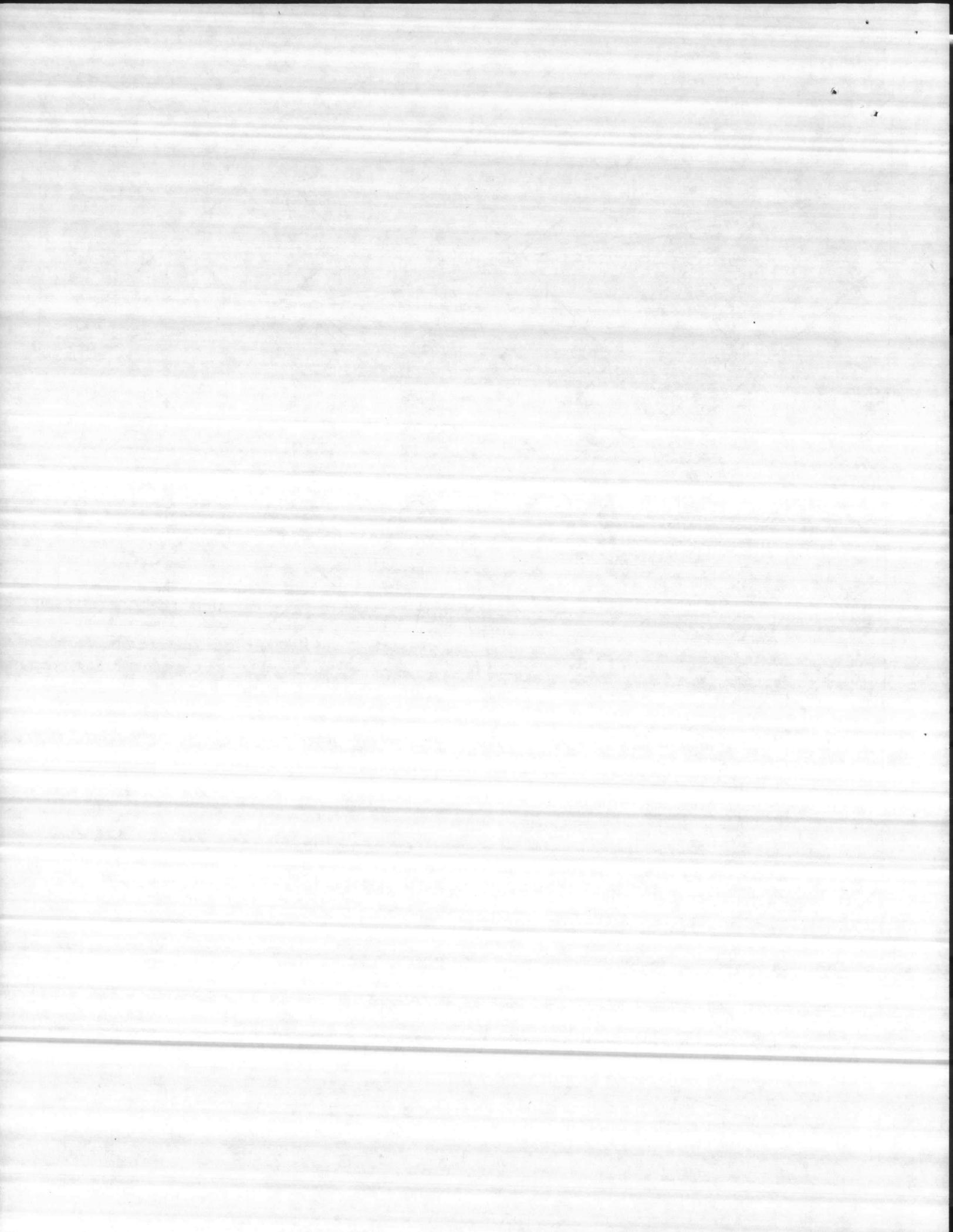
e. Natural Resources: Will there be a loss of forest land? YES Will public access for hunting, boating, fishing, etc., be restricted? YES Is there a change in land use from what is presently shown in Base Master Plan? NO Will removal of existing vegetation be required? YES Are there any known effects on any endangered species? NO Does the project involve the purchase or sale of any real estate? NO

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? NO Will there be any increased demand on a local or state government to provide services? NO Will there be any changes to traffic flow and patterns on or off-base? NO Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? NO Is there any known controversy associated with the type of project or action proposed? NO Are there any historical or archaeological sites affected by project/action? NO

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.

ENCLOSURE (1)





## REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune
2. Name, Address, Phone Number of Point of Contact: AC/S, Facilities, MCB  
Attn: Mr. Gene Jones, Chief, Planning Branch, Public Works Division, Ext. 1833
3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

## BACHELOR OFFICER QUARTERS (P-124)

I. PROJECT DESCRIPTION

To provide one three-storied reinforced concrete frame building on pile foundation, with masonry walls, utility connections, 60 bedrooms with private bathrooms, kitchen/dining area, living/sleeping area; mechanical/utilities space. Facility to have lounge, laundry, storage, and vending machine areas; solar energy for heating domestic hotwater, etc.

II. PROJECT PURPOSE

This project will provide adequate billeting for single and unaccompanied officer personnel. There is a deficiency of adequate billeting for 637 single and unaccompanied officer personnel. Adequate billeting for 60 officer personnel is proposed for this project.

III. SITE SELECTION

The environmental impact of location of the project has been documented in the current Base Master Plan. The facilities will be located in the Paradise Point area adjacent to the Officers Club, in keeping with the Camp Lejeune Master Plan. See Enclosure (1). The preferred site has been reviewed with the Base Environmental personnel. No significant environmental impact or loss of natural resources were identified with this proposed site.

IV. CONCLUSION

Based on the information provided above and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. Preparation of an environmental assessment per MCO 6280.5 is not required.

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? No Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? No Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? Unknown Will there be an increase in level of soil disturbance/damage to vegetation? Unknown Will there be one acre or more of land cleared/disturbed? Yes

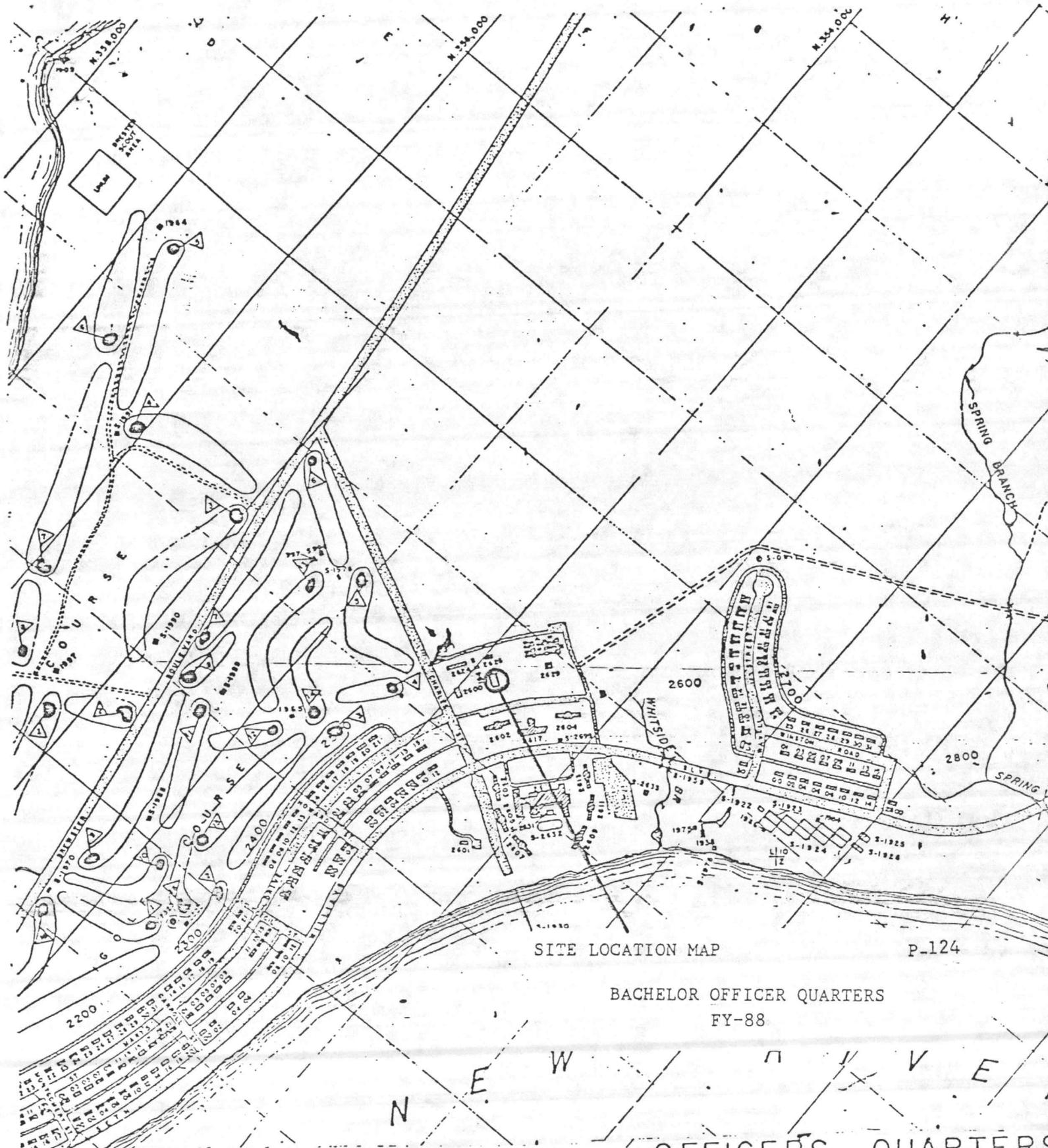
c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? No Will there be a net increase of solid waste caused by implementing the project/action? Unknown Will the project or action be carried out within 200 feet of a drinking water supply well? No

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? Unknown Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? Yes Will there be an increase in erosion/siltation from soil disturbing activity? No Will petroleum oil and lubricants be routinely stored or used at the site? No Will the project increase rates of surface/storm water run-off? Yes

e. Natural Resources: Will there be a loss of forest land? No Will public access for hunting, boating, fishing, etc., be restricted? Yes Is there a change in land use from what is presently shown in Base Master Plan? No Will removal of existing vegetation be required? Yes Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? No

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? No Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? No Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.



SITE LOCATION MAP

P-124

BACHELOR OFFICER QUARTERS  
FY-88

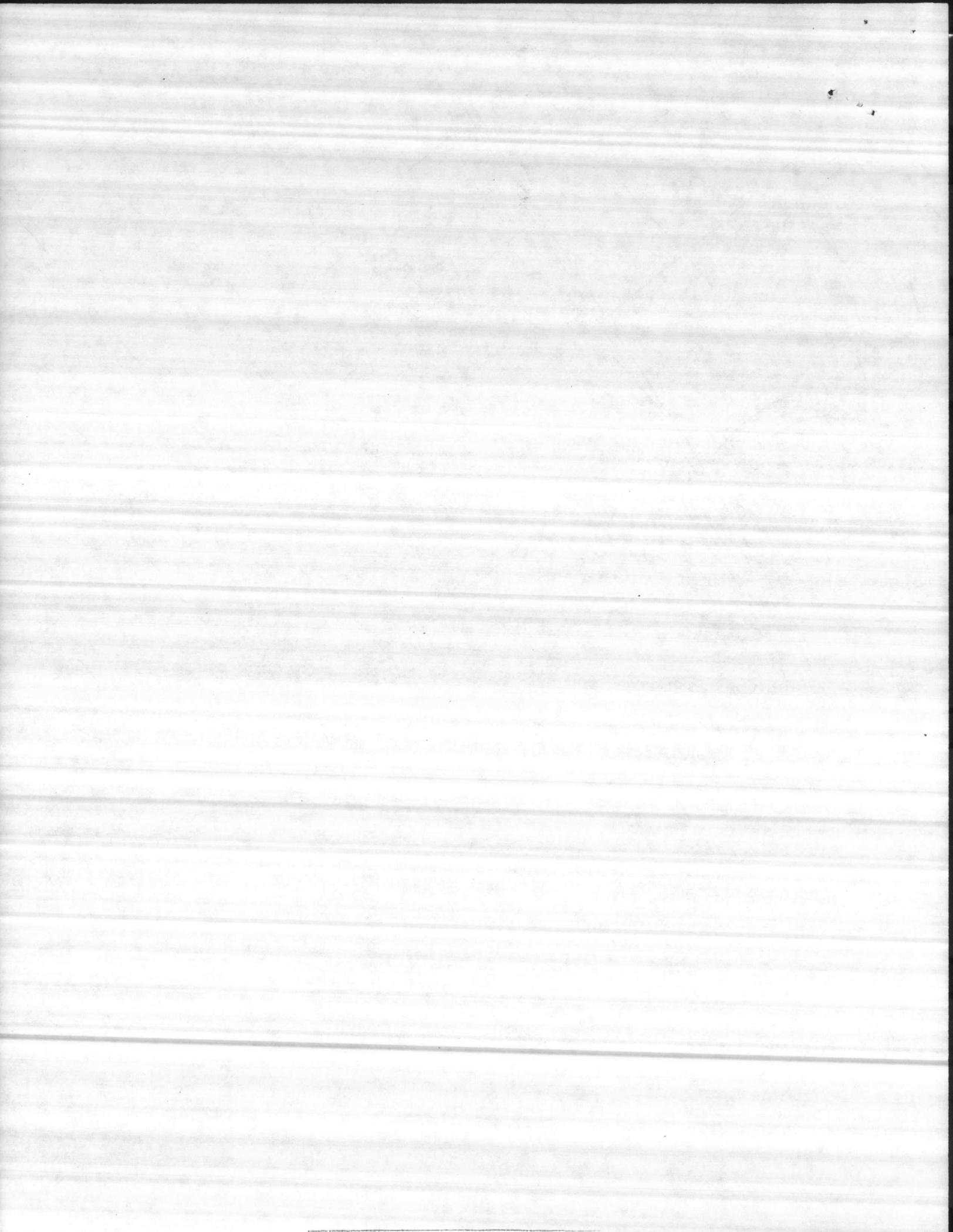
N E W I V E R

OFFICERS QUARTERS  
PARADISE POINT AREA

CAMP LEJEUNE, NORTH CAROLINA

SHOWING CONDITIONS ON  
ENCL (17)

JUNE 30, 1979



9 January 1986

EC 11000.1B  
1 May 1984

REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding General, Marine Corps Base, Camp Lejeune, NC 28542

2. Name, Address, Phone Number of Point of Contact: AC/S Facilities, MCB, CLNC

Attn: Mr. G. Jones, Planning Section, Public Works Division

3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

ROAD IMPROVEMENTS (BREWSTER BOULEVARD OVERPASS), P-672

I. PROJECT DESCRIPTION:

Construct an overpass at the intersection of Holcomb and Brewster Boulevards, two-lane extension of Brewster Boulevard and a controlled access at Piney Green Road and NC Highway 24 intersection. Proposed construction includes clearing and grubbing of right-of-way, bituminous concrete pavement, shellrock base over compacted fill, reinforced concrete bridges, guard rails, railroad crossing, site drainage, erosion control and revegetation, existing pavement, gatehouse, fencing and landscaping. Demolition of one structure, Building 712. (see attached site map)

II. PROJECT PURPOSE:

To correct major traffic deficiencies by timely dispersion of vehicles in a controlled flow.

III. SITE SELECTION:

Site conforms to the current Base Master Plan and has been reviewed with Base Environmental personnel. Significant impacts addressed included:

a. Contaminated site between Building 712 and the railroad tracks would be addressed during construction project design.

b. Harvesting of marketable timber would be scheduled for the road corridor based on preliminary project drawings.

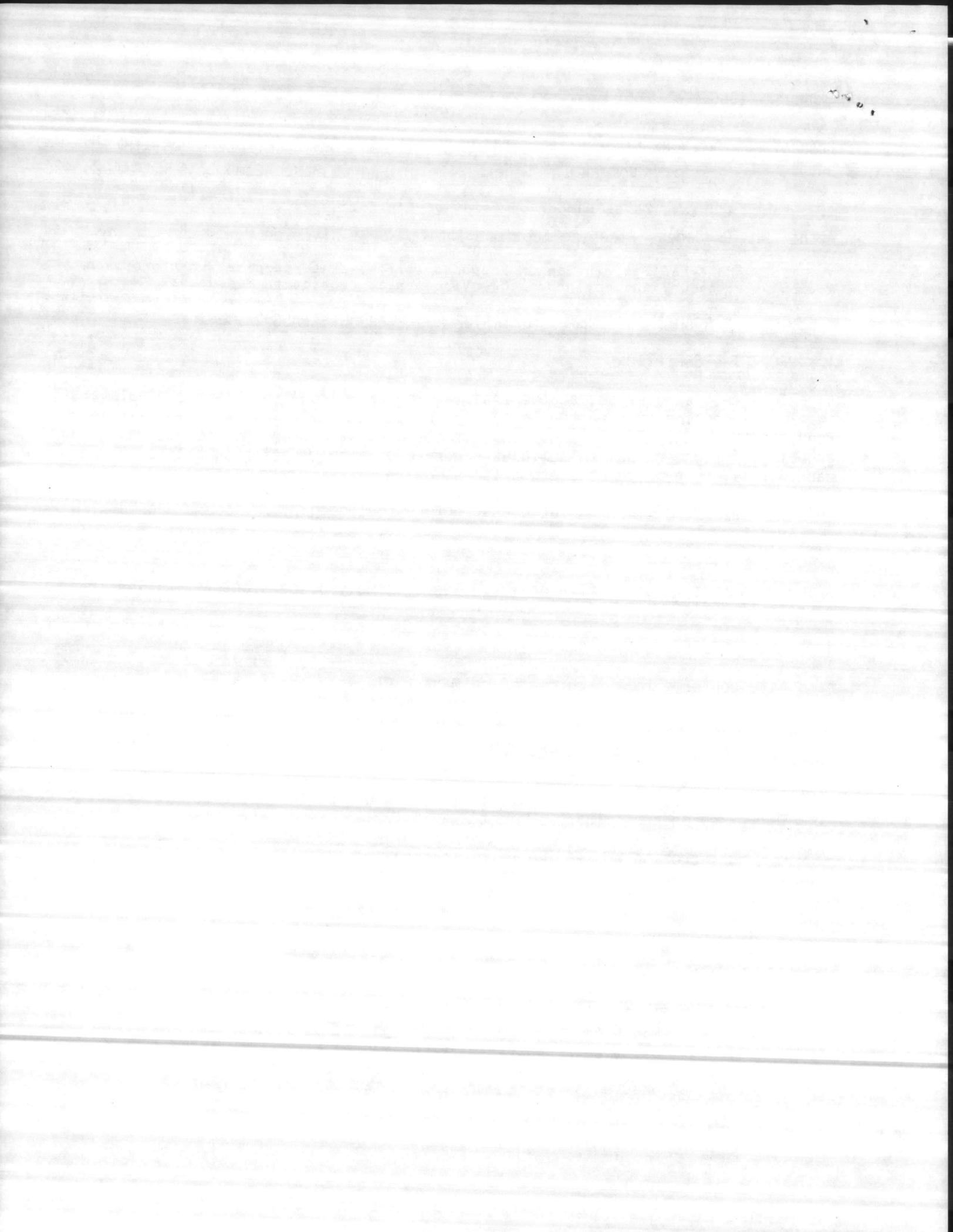
c. Erosion and sedimentation control will require approval by NC Land Quality Division of a sediment control plan.

d. Potential impact on wetlands will be defined based on preliminary construction drawings.

IV. CONCLUSION:

Based on the information provided above and inclusion of adequate environmental protective measures in the project design and construction plans, this project will not have significant adverse environmental impact on the environment. The project is not deemed controversial and preparation of an Environmental Assessment by MCO 6280.5 is not required.

ENCLOSURE (18)



1 May 1984

4. Location: Attach a Camp Lejeune Special Map (or equivalent quality map) showing location of proposed action/project site(s).

5. Potential Environmental Impact/Considerations: (See Note 1)

a. Air Quality: Will there be any open burning associated with the project/action? Yes Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? No Will there be any paint booths, solvent vats, degreasers or other vapor-producing industrial processes involved? No Will the project involve the use or disposal of asbestos? No Will project cause dust problems? Yes

b. Land Quality: Will the action require use of significant amount of earthen fill material? Yes Will there be an increase in level of soil disturbance/damage to vegetation? Yes Will there be one acre or more of land cleared/disturbed? Yes

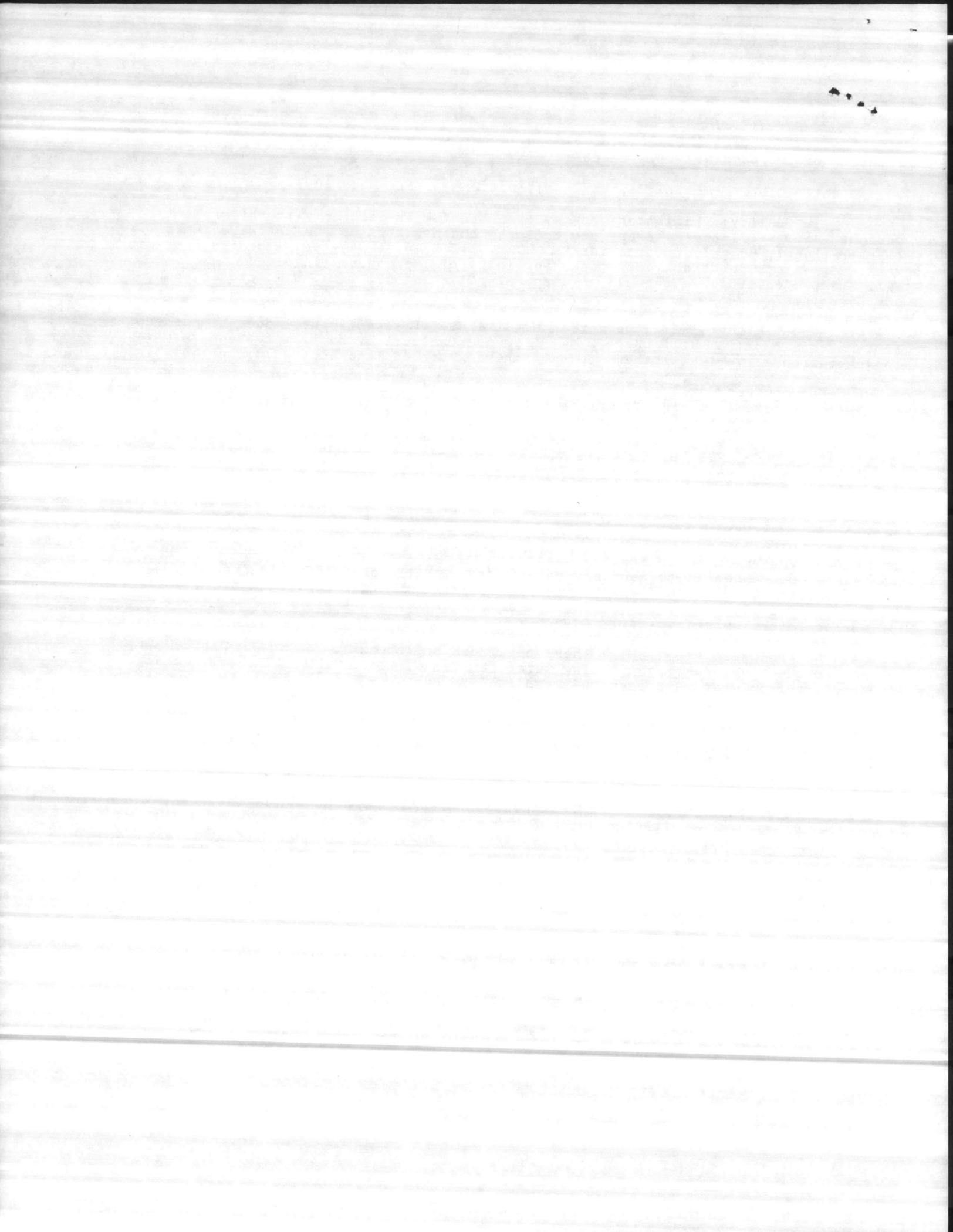
c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? Yes Will there be a net increase of solid waste caused by implementing the project/action? No Will the project or action be carried out within 200 feet of a drinking water supply well? Yes

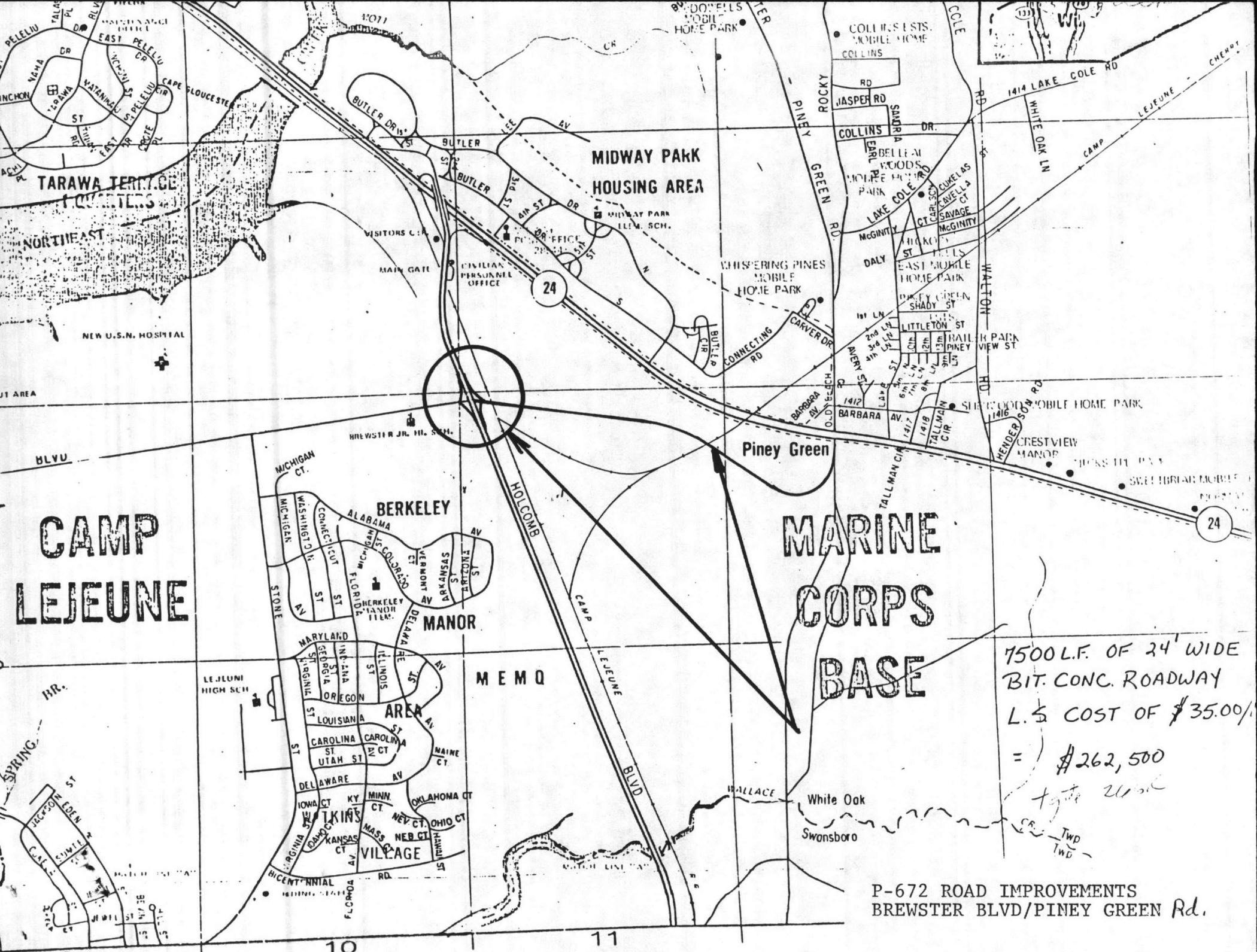
d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? No Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? Yes Will there be an increase in erosion/siltation from soil disturbing activity? Yes Will petroleum oil and lubricants be routinely stored or used at the site? No Will the project increase rates of surface/storm water run-off? Yes

e. Natural Resources: Will there be a loss of forest land? Yes Will public access for hunting, boating, fishing, etc., be restricted? No Is there a change in land use from what is presently shown in Base Master Plan? Yes Will removal of existing vegetation be required? Yes Are there any known effects on any endangered species? No Does the project involve the purchase or sale of any real estate? No

f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? Unknown Will there be any changes to traffic flow and patterns on or off-base? Yes Will any noise, traffic, dust, etc., be generated which may affect off-base persons or property? Unknown Is there any known controversy associated with the type of project or action proposed? No Are there any historical or archaeological sites affected by project/action? No

NOTE 1. Answer either "yes", "no" or "unknown". Answers should be based on information available to the action sponsor at time of submission to the Base Environmental Impact Review Board. Do not delay the submission of this request awaiting additional information. Many environmental considerations need to be addressed in early planning stages. If additional information becomes available after submission, it should be forwarded to the EIRB.





MIDWAY PARK HOUSING AREA

MARINE CORPS BASE

CAMP LEJEUNE

7500 L.F. OF 24' WIDE  
 BIT. CONC. ROADWAY  
 L.S. COST OF \$35.00/  
 = \$262,500  
*gate work*

P-672 ROAD IMPROVEMENTS  
 BREWSTER BLVD/PINEY GREEN Rd.

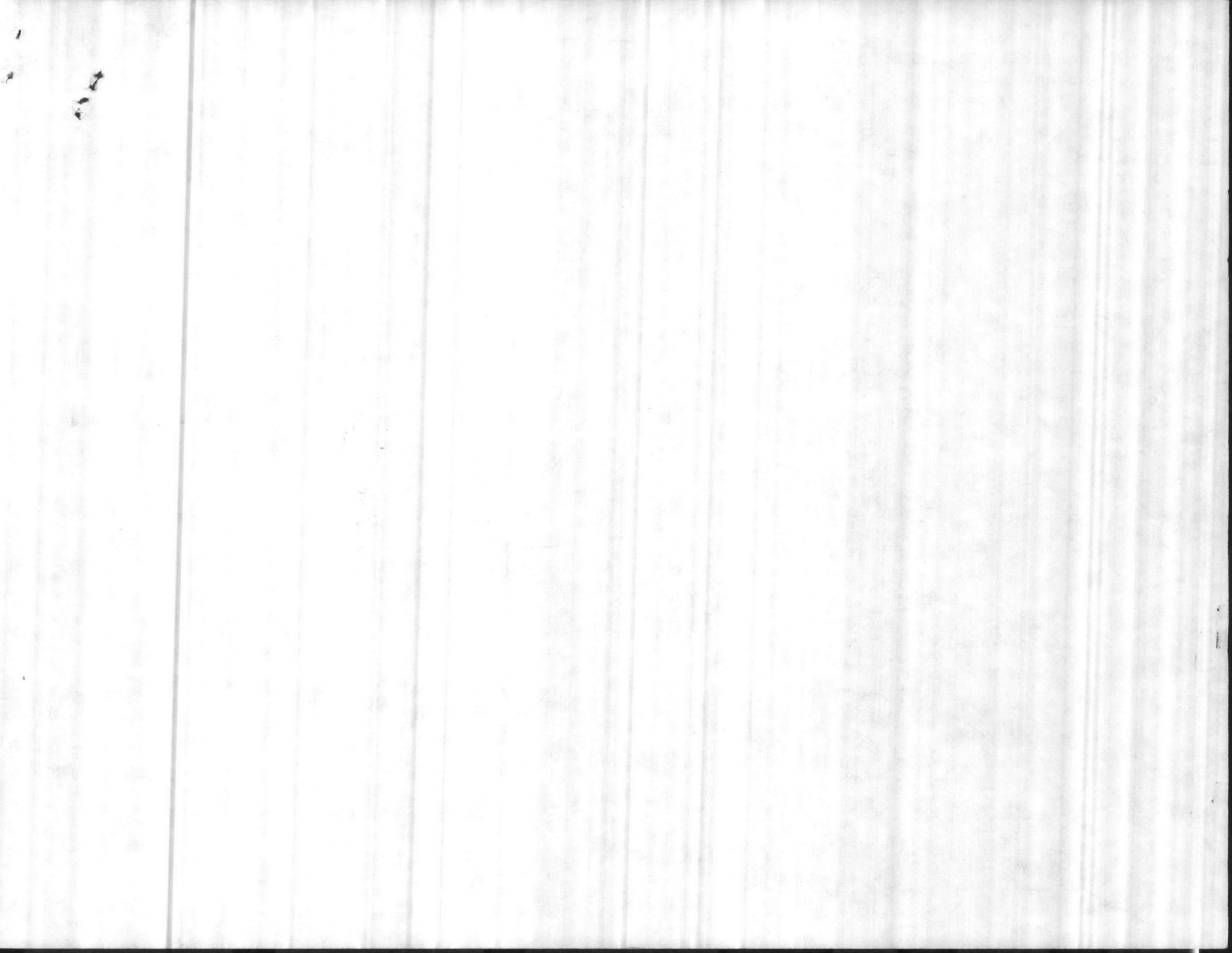
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24

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REQUEST FOR ENVIRONMENTAL IMPACT REVIEW

1. Action Sponsor: Marine Corps Air Station (Helicopter), New River
2. Name, Address, Phone Number of Point of Contact: Mr. F. E. Acosta or Ms. L. Hughs, 451-6506/6518
3. Aviation Armament Shops (2), P-506

The purpose of the proposed facilities are to provide adequate security and maintenance spaces for armament equipment held and maintained by ordnance. This project will provide two single story buildings in support of ordnance for Marine Aircraft Groups (MAG) 26 and 28.

The Aviation Armament Shops are tentatively scheduled for fiscal year 1989.

All environmental protection regulations will be strictly adhered to (i.e. degreasing area with degreasing unit, proper exhaust ventilation, facility will be connected to the station sanitary line system.

4. Location: See attached Site Location map.
5. Potential Environmental Impact/Considerations:

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? No Will there be any paint booths, solvent vats, degreasers or other-vapor-producing industrial processes involved? Yes Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

b. Land Quality: Will the action require use of significant amount of earthen fill material? No Will there be an increase in level of soil disturbance/damage to vegetation? No Will there be one acre or more of land disturbed? No

c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? No Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? No Will there be any wells dug or any than excavations deeper than twenty feet? No Will any toxic or hazardous material/waste requiring disposal be used or generated by the project? No Will there be a net increase of solid waste caused by implementing the project/action? No Will the project or action be carried out within 200 feet of a drinking water supply well? No

d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? No Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? No Will all wastewater be connected to sanitary sewer? Yes

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purchase or sale of any real estate? No

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REQUEST FOR ENVIRONMENTAL IMPACT REVIEW

1. Action Sponsor: Marine Corps Air Station (Helicopter), New River
2. Name, Address, Phone Number of Point of Contact: Mr. F. E. Acosta or Ms. L. Hughs at 451-6506/6518
3. Ordnance Building, P-497

The proposed facility will provide operations and maintenance in support of New River's Ordnance Magazine Complex.

The project is tentatively scheduled for Fiscal Year 1989.

All environmental protection rules and regulations will be strictly adhered to. The proposed action should have no significant adverse effect on the environment.

4. Location: See attached Site Location map.

5. Potential Environmental Impact/Considerations:

a. Air Quality: Will there be any open burning associated with the project/action? No Will there be any new boilers, incinerators or fuel storage tanks (larger than 1,000 gallons) provided? No Will there be any paint booths, solvent vats, degreasers or other-vapor-producing industrial processes involved? No Will the project involve the use or disposal of asbestos? No Will project cause dust problems? No

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