



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

S-4
File
Peg

IN REPLY REFER TO:
6280
FAC
28 SEP 1985

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) FY-86 Timber Harvest Program, NREAD
(2) Group Headquarters, P-389, MCAS, New River

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, Wednesday, 2 October 1985. 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. A summary of the FY-86 Environmental Program will also be presented for the Board's information. Members and advisors knowing of other agenda items should notify the Chairman at ext. 3034/5925 as soon as possible prior to the meeting.

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

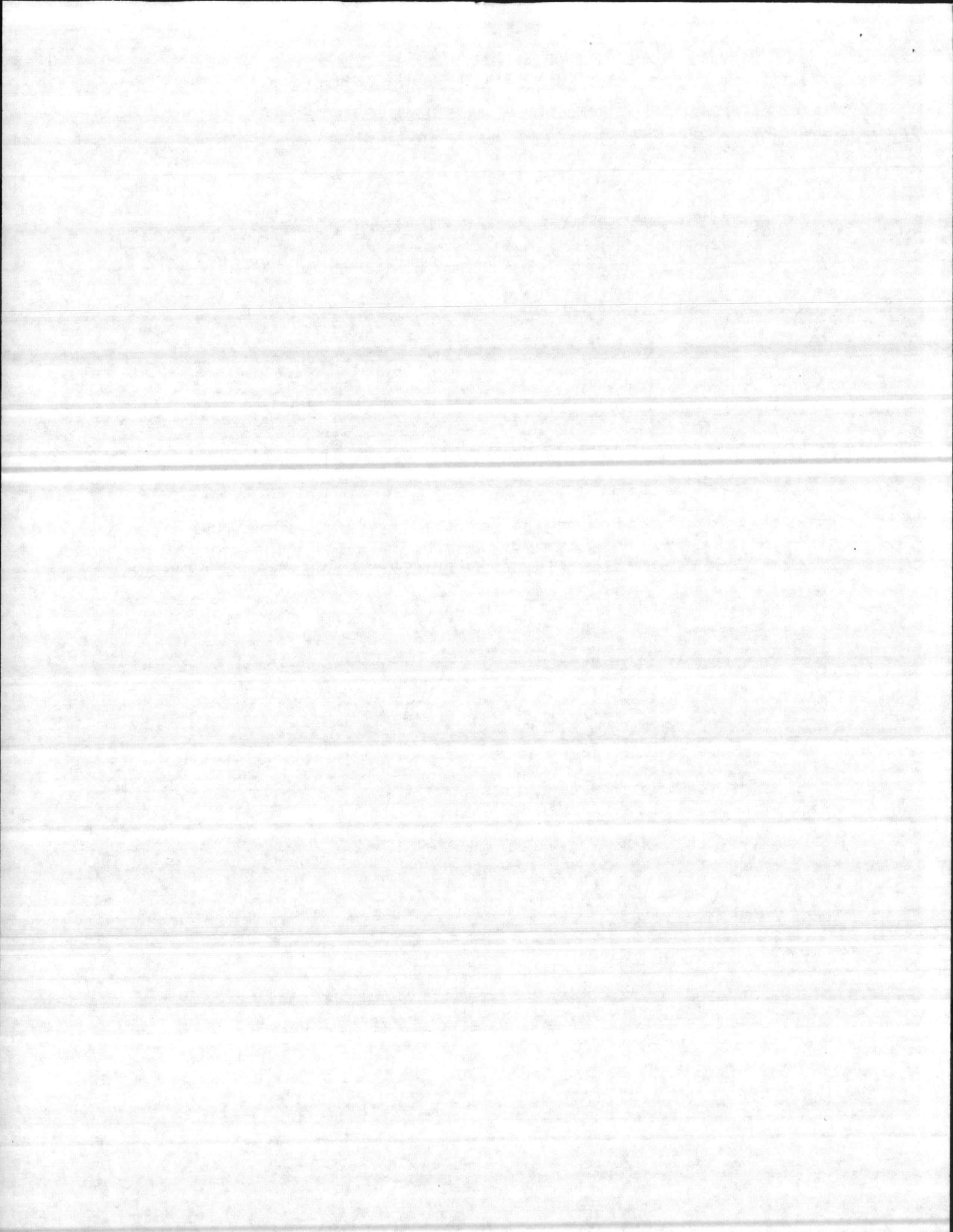
DISTRIBUTION;
(Members)

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
SAFD
SJA
DPDO
Ch, VetMed Svc, NavHosp
Ch, Occup/PrevMed, NavHosp





REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; SUBMISSION OF

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, S-4 Office, 451-6506
3. Group Headquarters, P-389, FY-90 Program:

This project will provide an addition to the existing Marine Air Group-29 Headquarters building. The existing facility is a CMU brick structure with a metal deck and built-up roof. All supporting utilities will require upgrading.

This project is within the long range plans for this area.

The proposed project will not alter the appearance of the area, operational efficiency will improve with the procurement of an improved facility. There will be no adverse alteration to the environment.

4. Location: See attached site location map

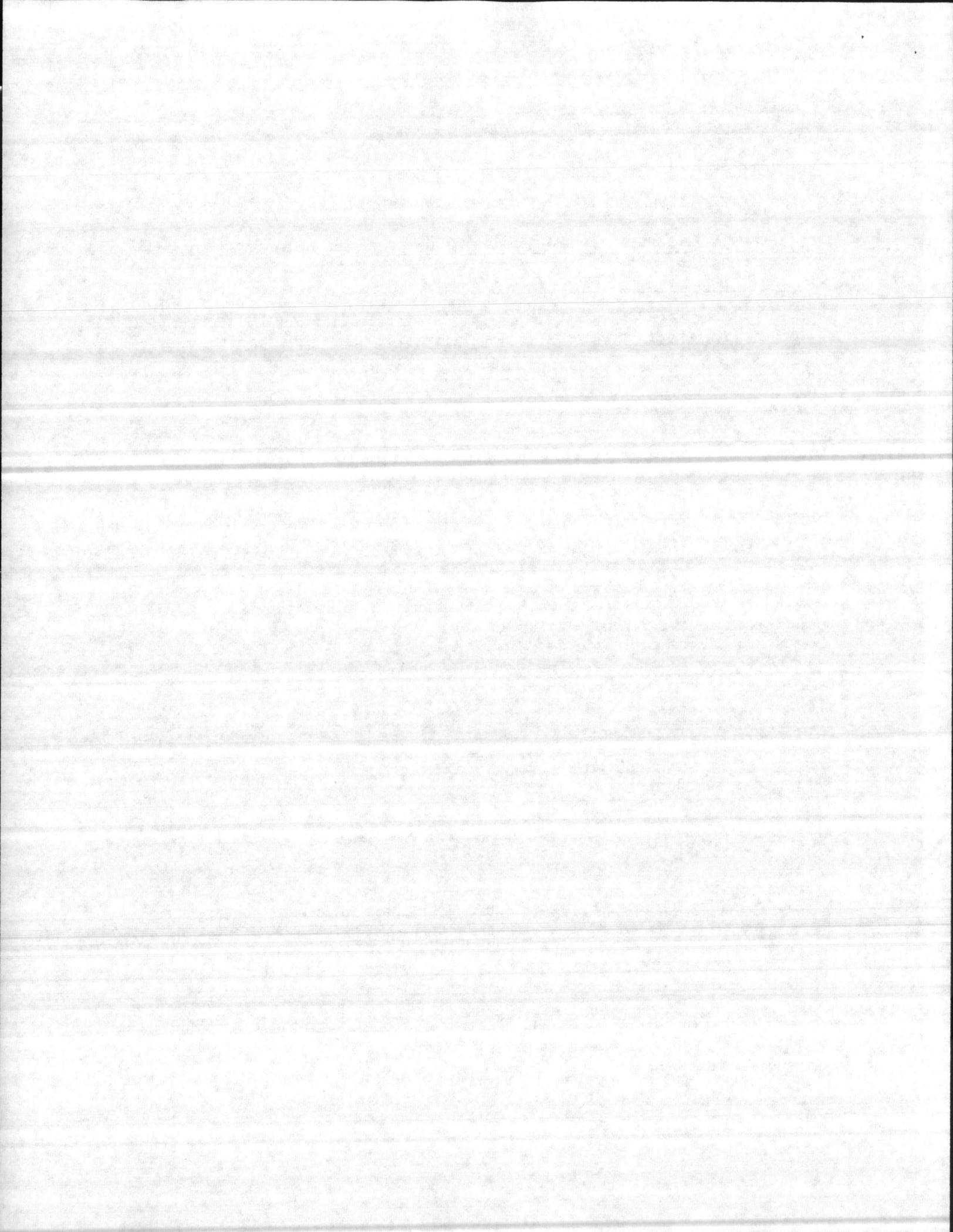
5. Potential Environmental Impact/Considerations:

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? UNKNOWN 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

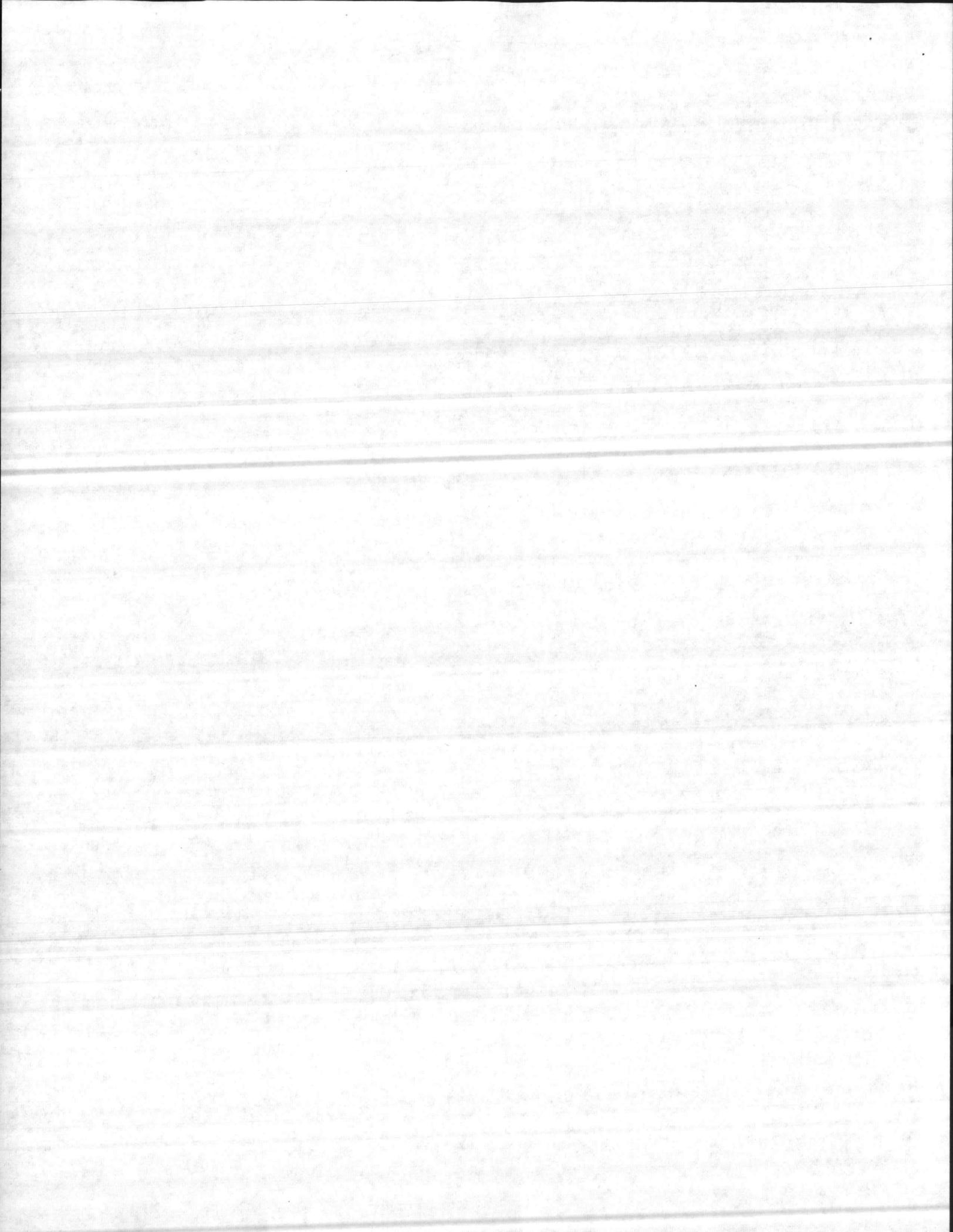
c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any excavations deeper than twenty 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

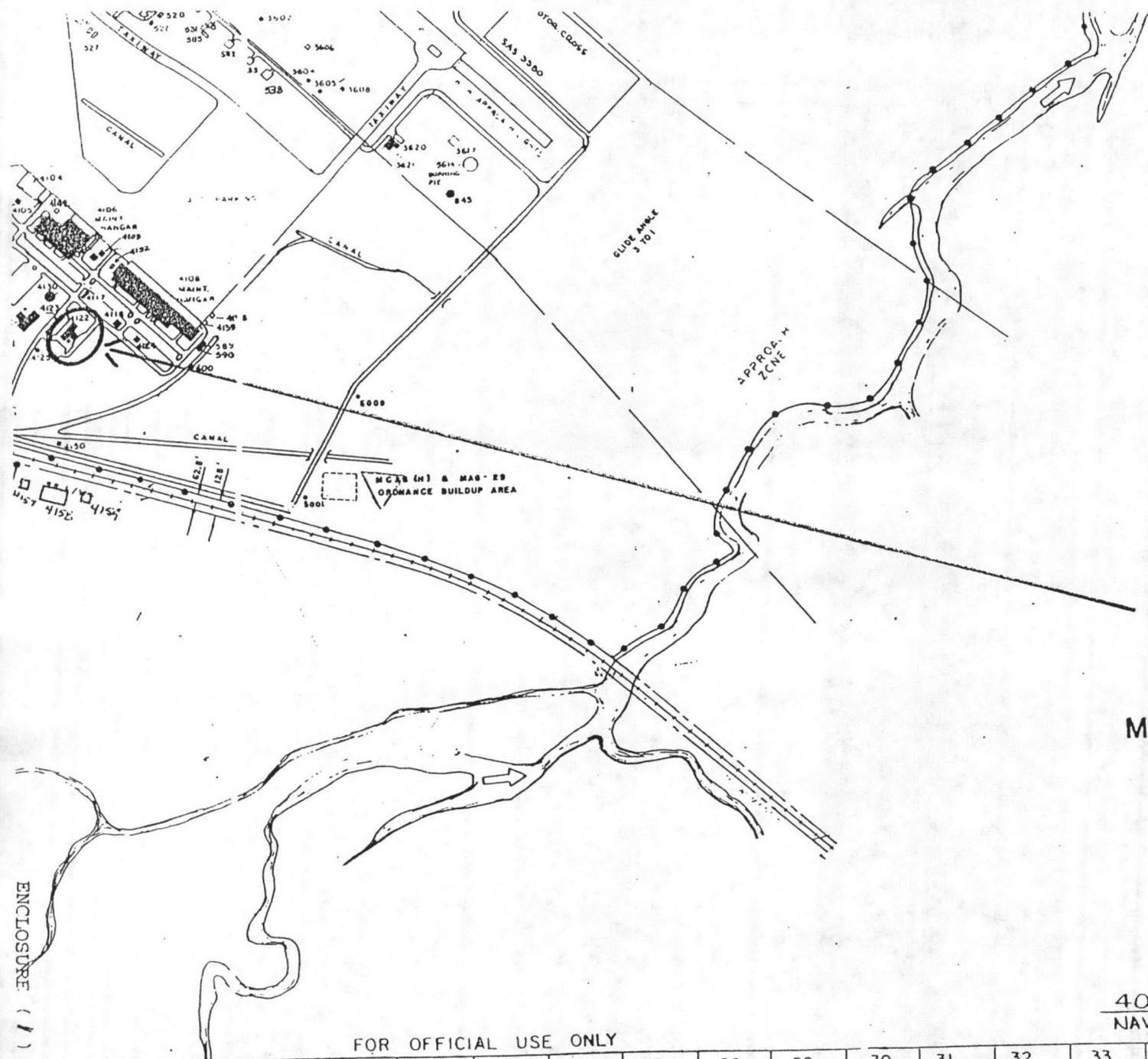
d. Surface Water Quality: Is the project located on or in a water body or adjacent 100-year flood plain? NO Will the project involve construction of drainage ditches/underground drains for purposes of lowering water table? NO Will all wastewater be connected to sanitary sewer? YES Will there be an increase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





P-389

GROUP HEADQUARTERS

MAP OF

AIR STATION AREA
MARINE CORPS AIR STATION
(HELICOPTOR)
NEW RIVER

JACKSONVILLE, NORTH CAROLINA
SHOWING CONDITIONS ON
OCTOBER 1, 1980

J. J. Johnson

PUBLIC WORKS OFFICER
MCB CLNC

4080402
NAVFAC DWG. NO.

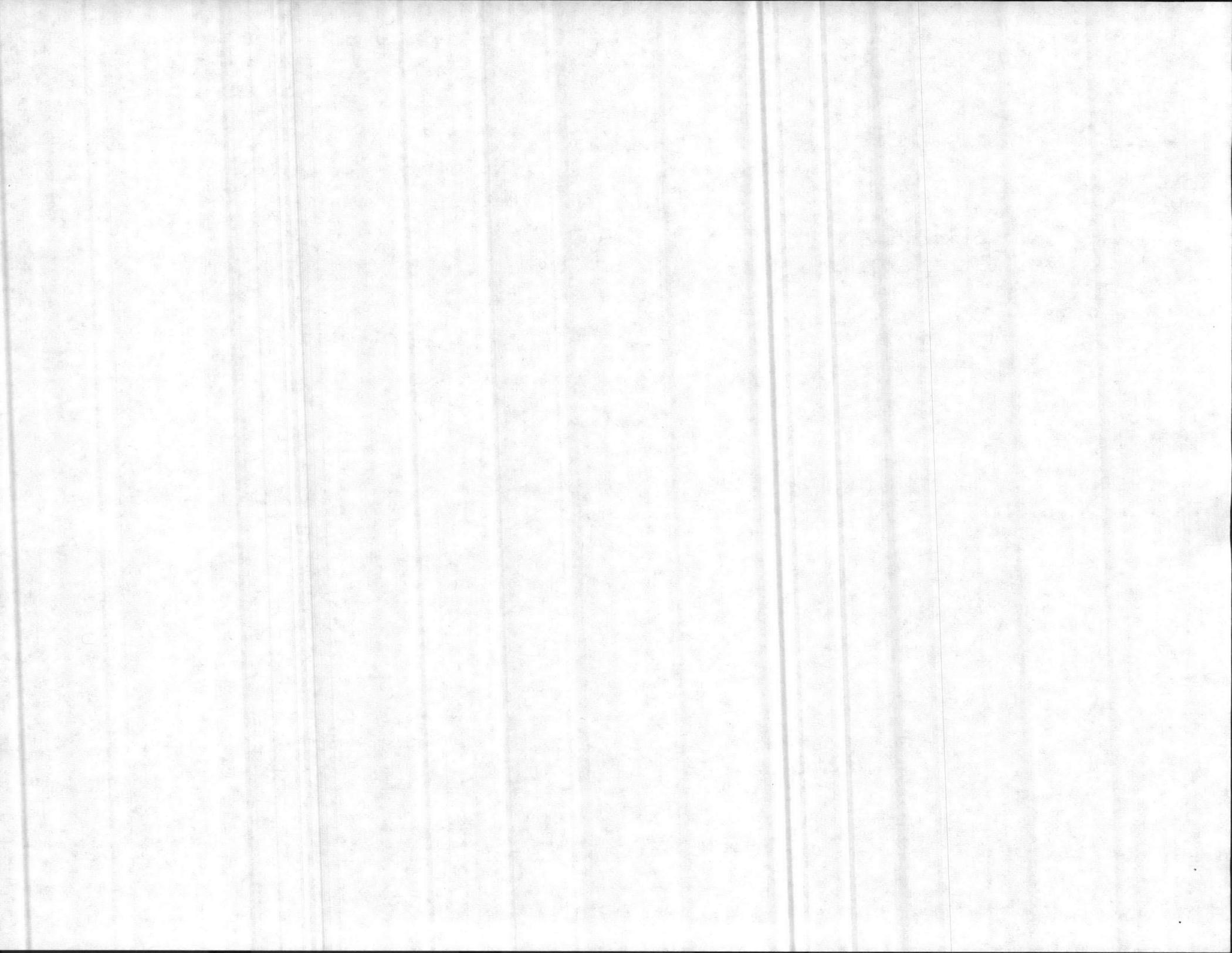
SHEET 23 OF 24

FOR OFFICIAL USE ONLY

19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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ENCLOSURE (1)



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 2, 27, 45, 51, 56 and 58 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.

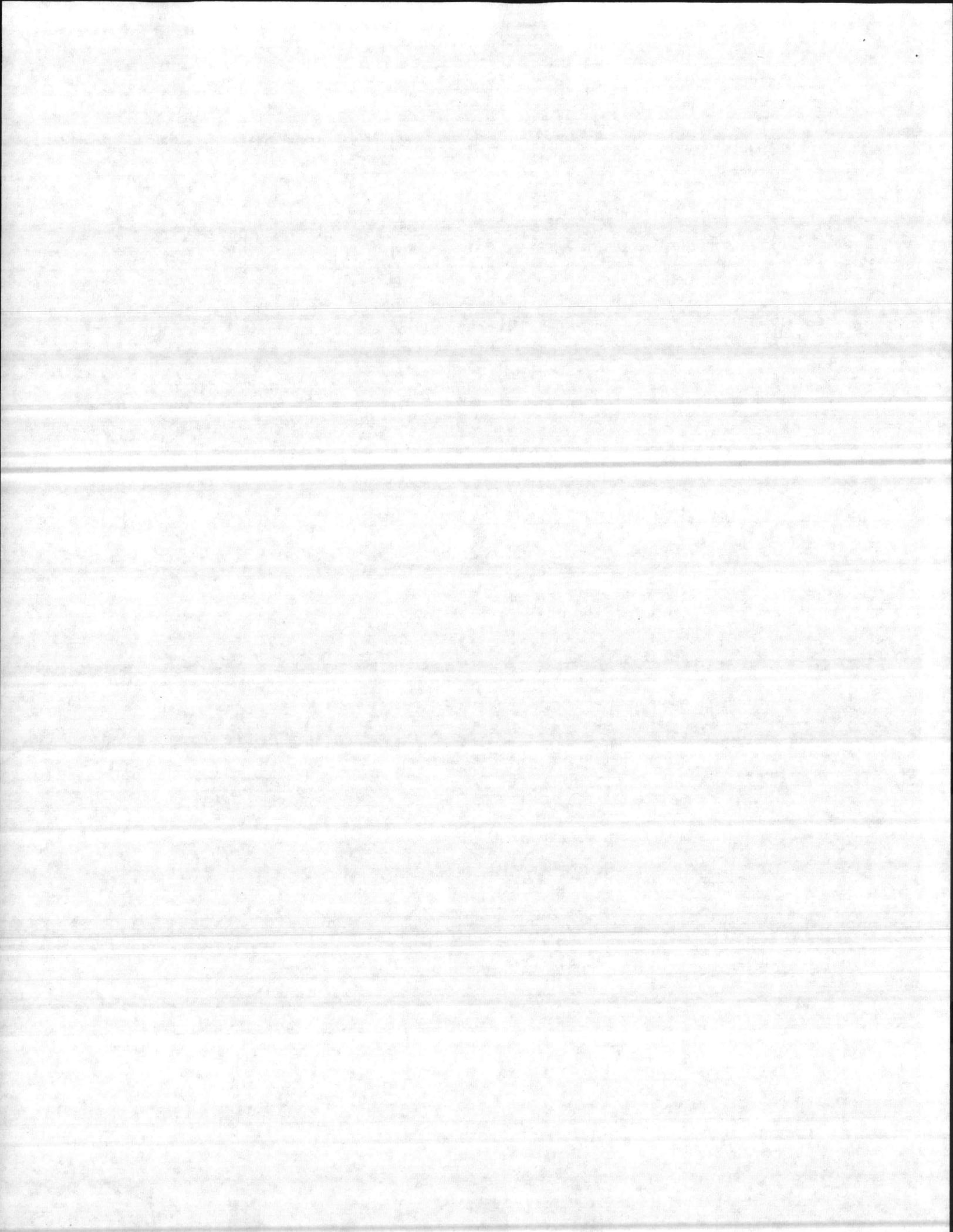
The proposed harvests will implement the multiple use objectives of the Natural Resources Management Plan for Camp Lejeune. The plan was developed in 1975 in accordance with MCP P11000.8B, MCO P11000.5 and MCO P11000.7. Income produced is utilized for the funding of the Navy Forest Management Program. 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 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 required.

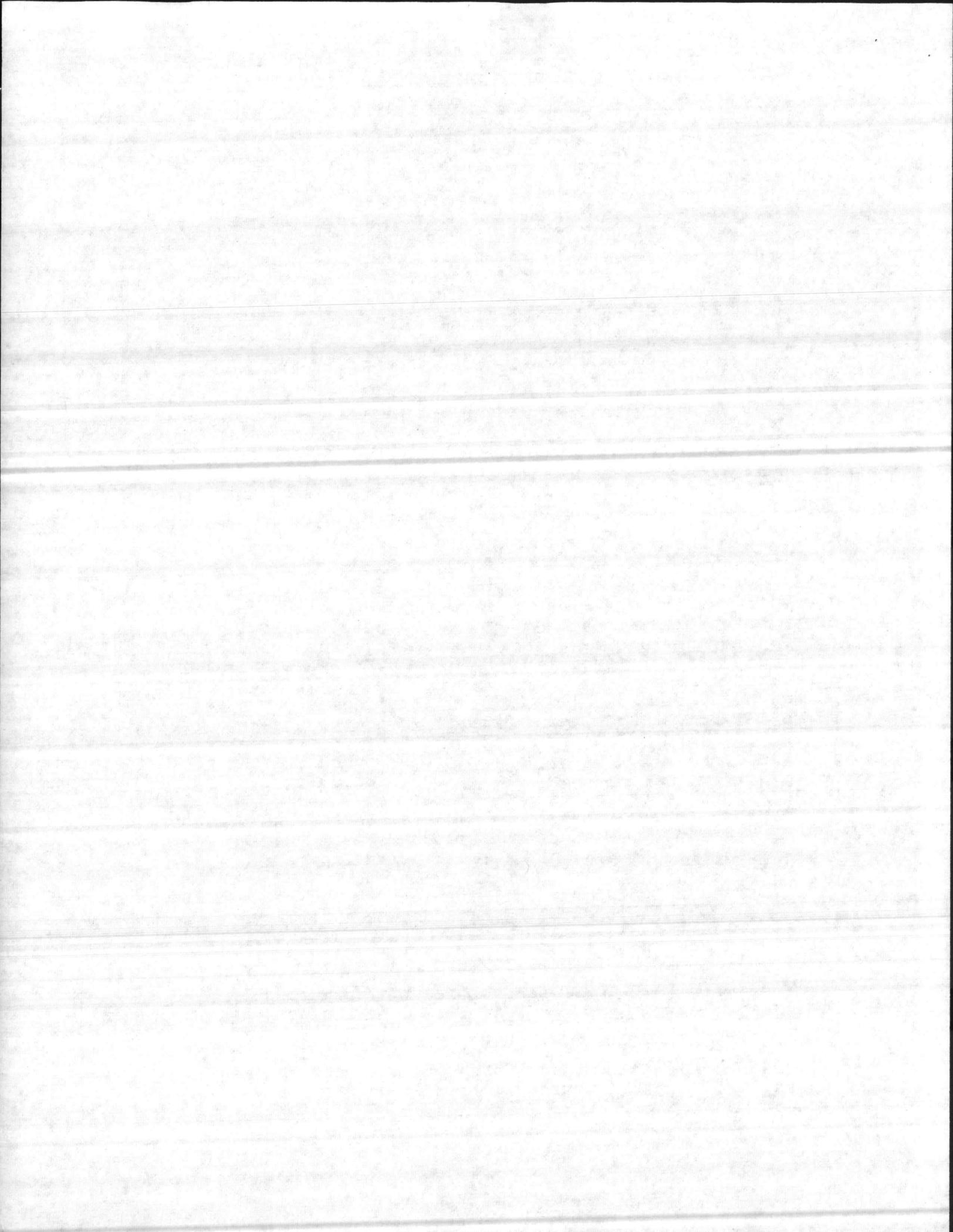
(4) Pine Only Removal: All the pine trees are removed from a pine/hardwood stand in a single cutting. This cut is used when the remaining hardwood is thick enough to fully utilize the available growing space. No associated site preparation treatment required.

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 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 advanced 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

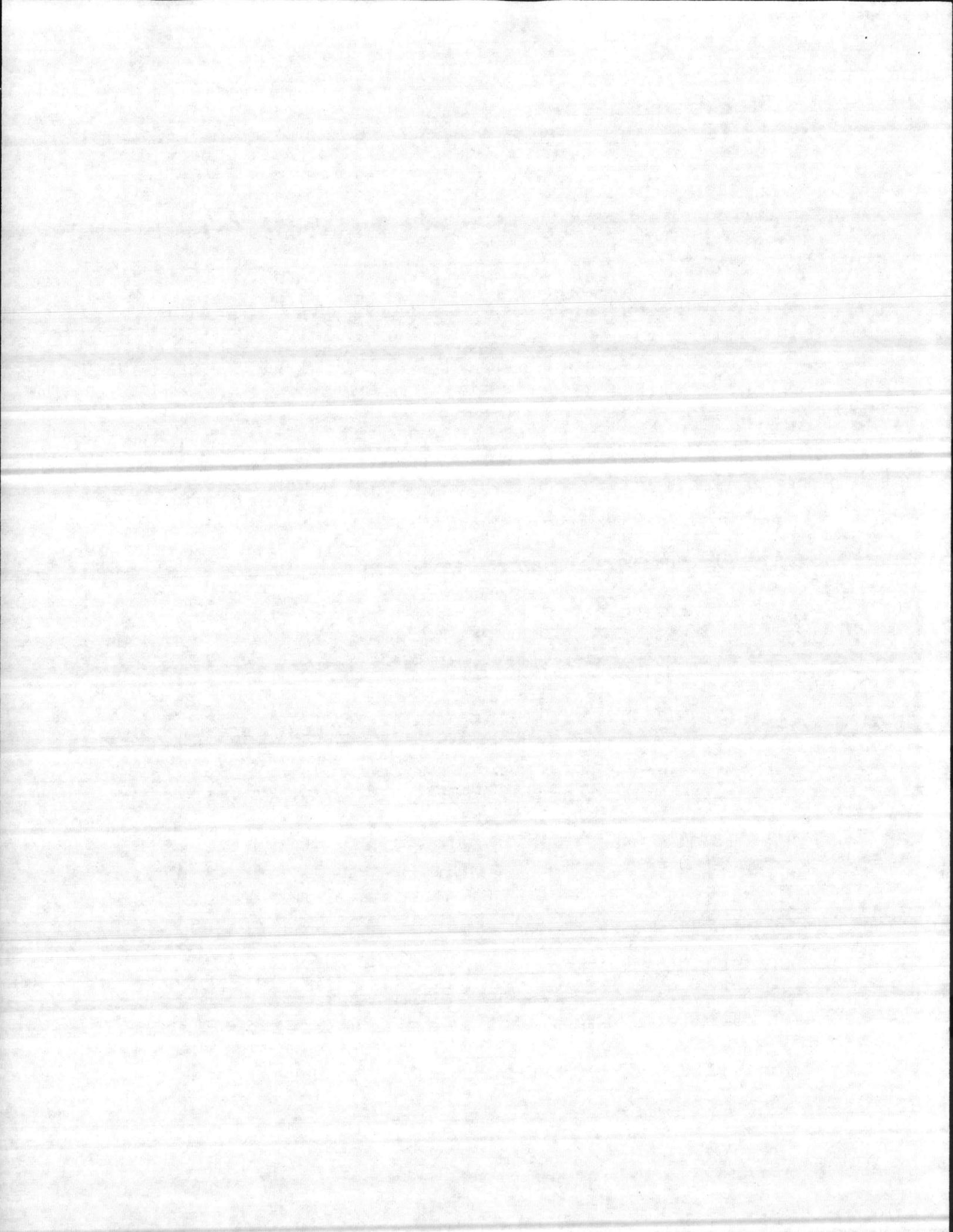
(4) Will the project involve the use or disposal of asbestos? NO

(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 four drinking water supply wells in or near stands proposed for logging operations in Compartment 2. 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

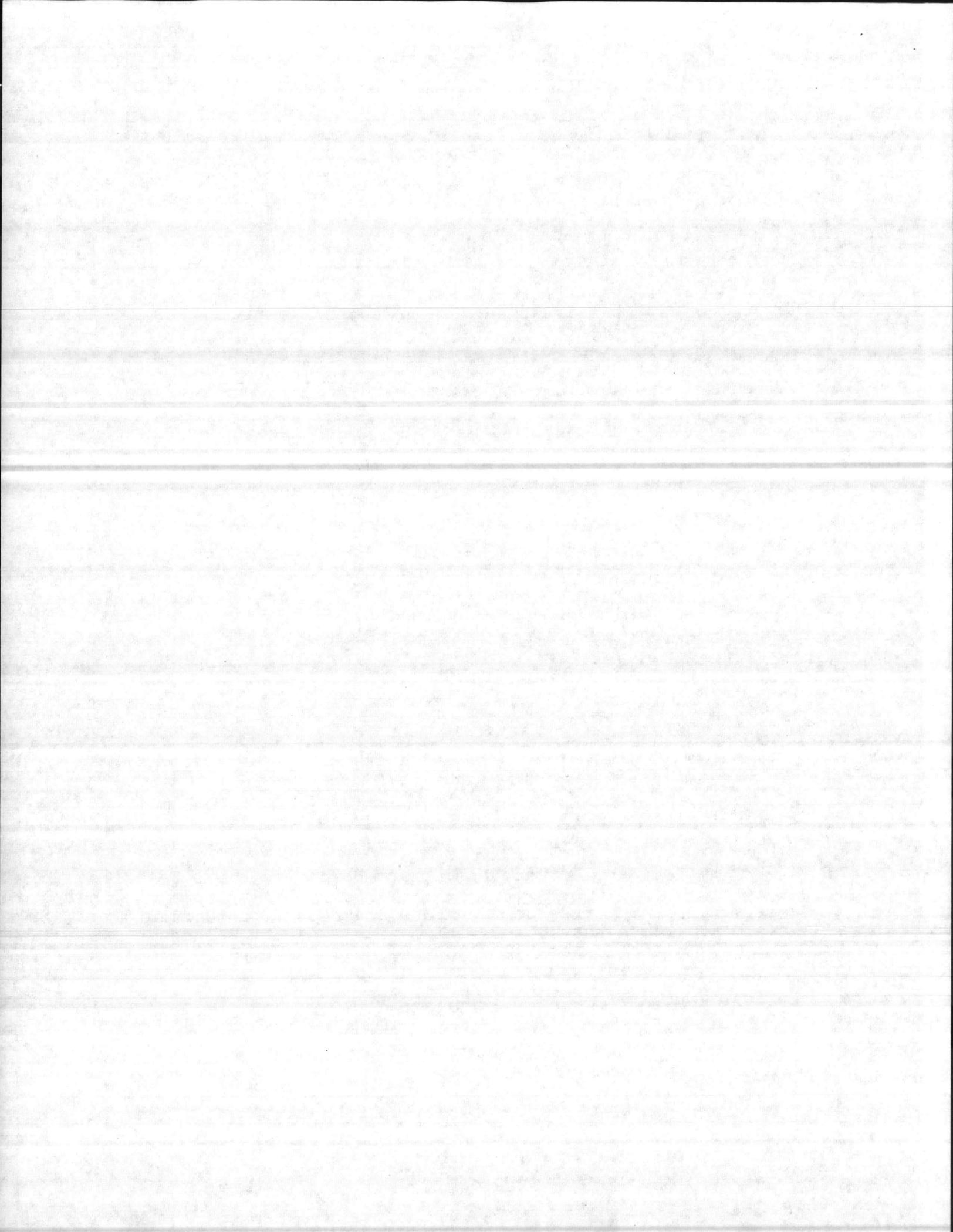
(2) Will there be any increased demand on a local or state government to provide services? NO

(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

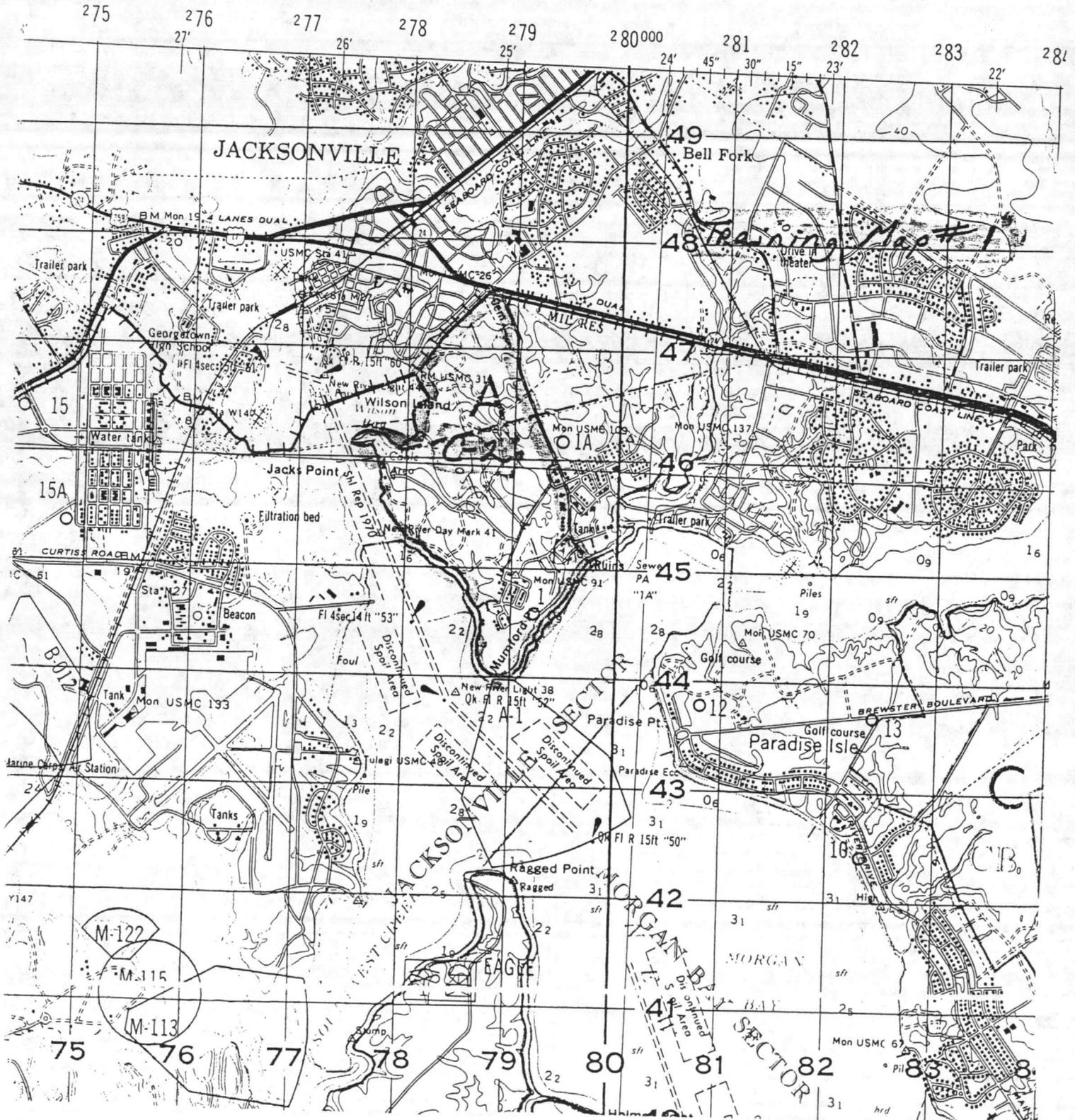
(6) Are there any historical or archaeological sites affected by project/action? NO (Note #7: The only known archaeological/historical sites in these compartments are located in Compartments 45 and 58 and are designated on Training Maps #2 and 3. These sites are well away from any stands where logging operations will take place and will not be affected by the proposed action.)

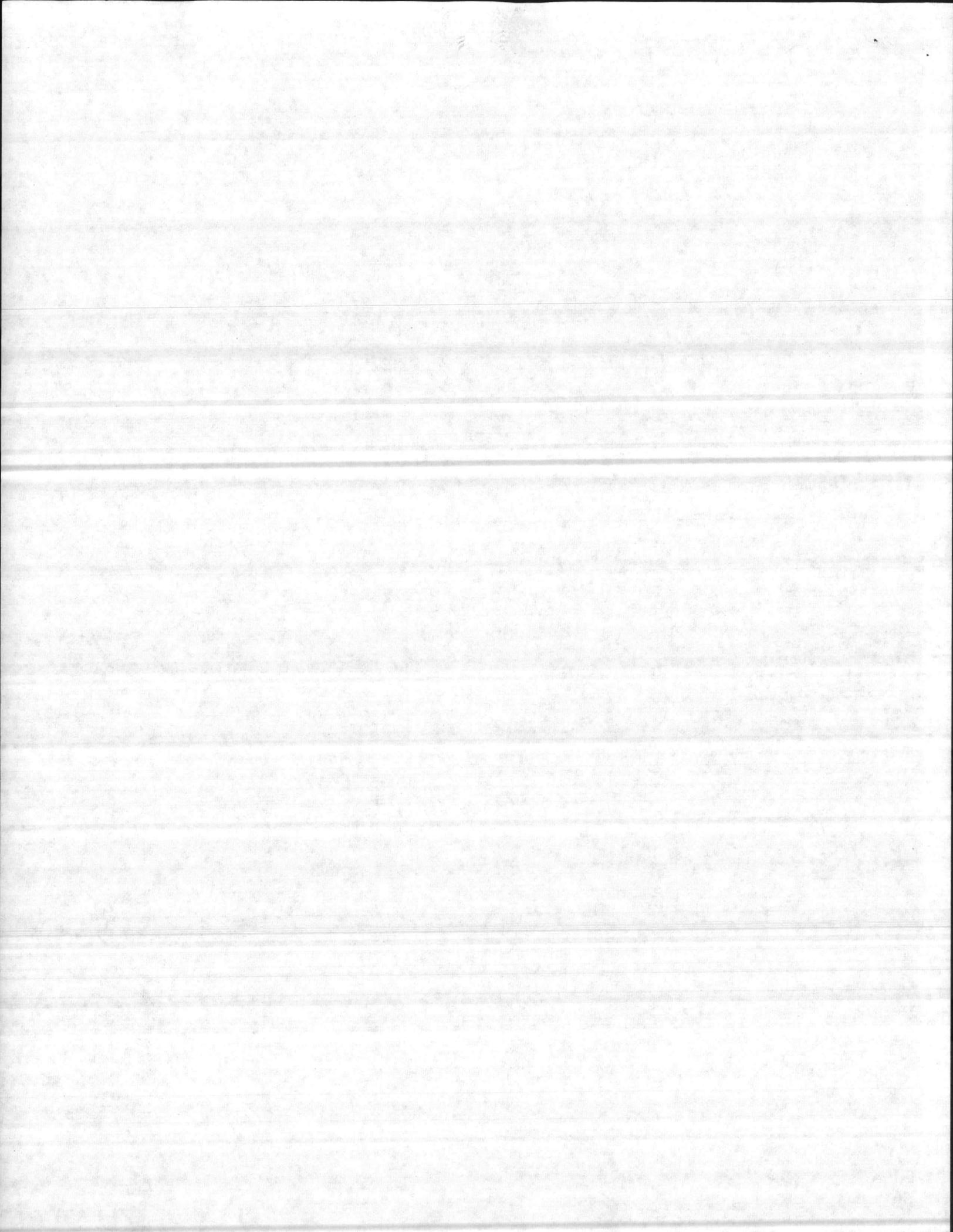


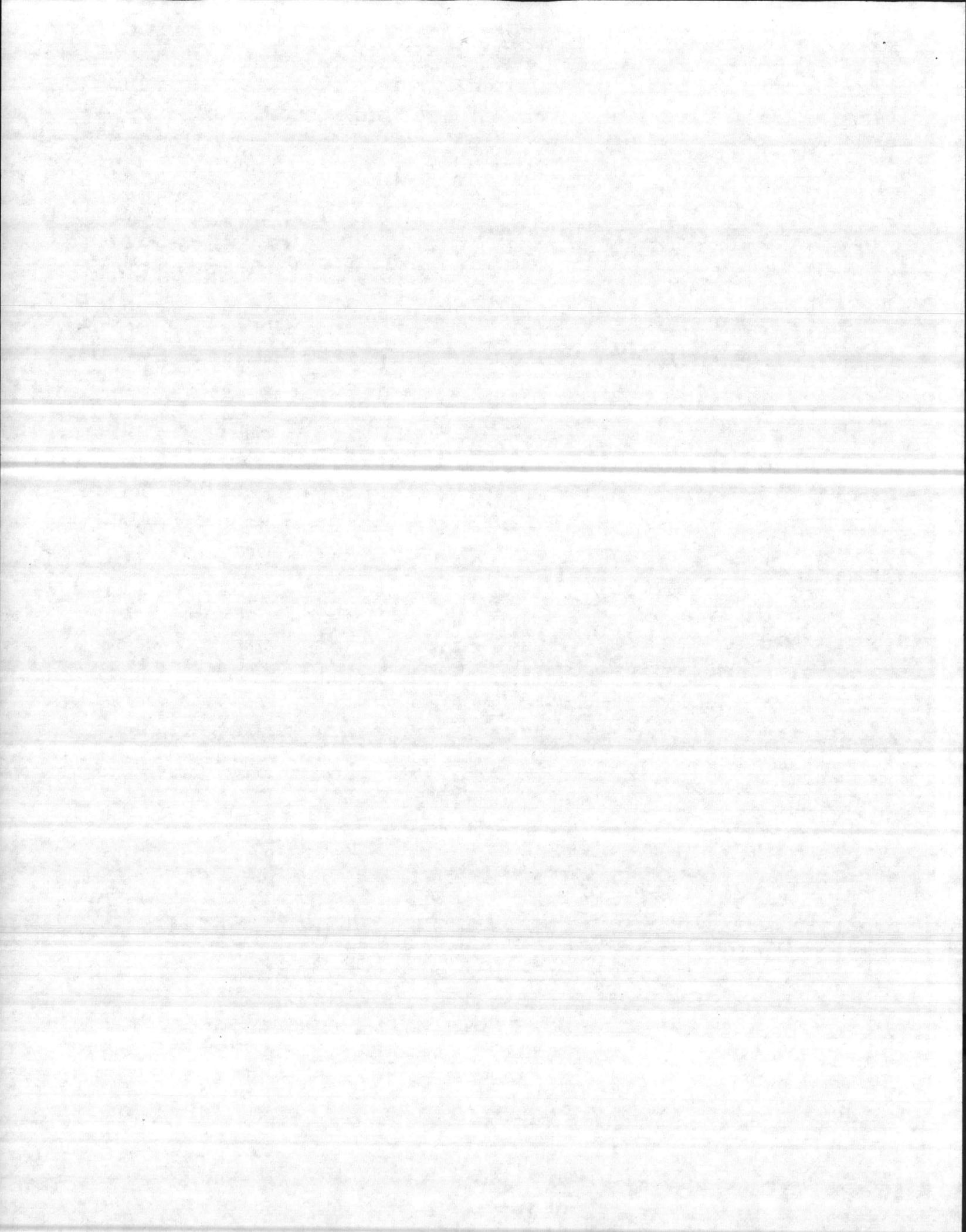
U.S. Coast Pilot 4, or weekly Notice to Mariners which include new or revised regulations. Information concerning the regulations may be obtained from the Office of the District Engineer, Corps of Engineers in Wilmington, N.C.

Anchorage regulations may be obtained at the Office of the Commander 5th Coast Guard District in Portsmouth, Va.

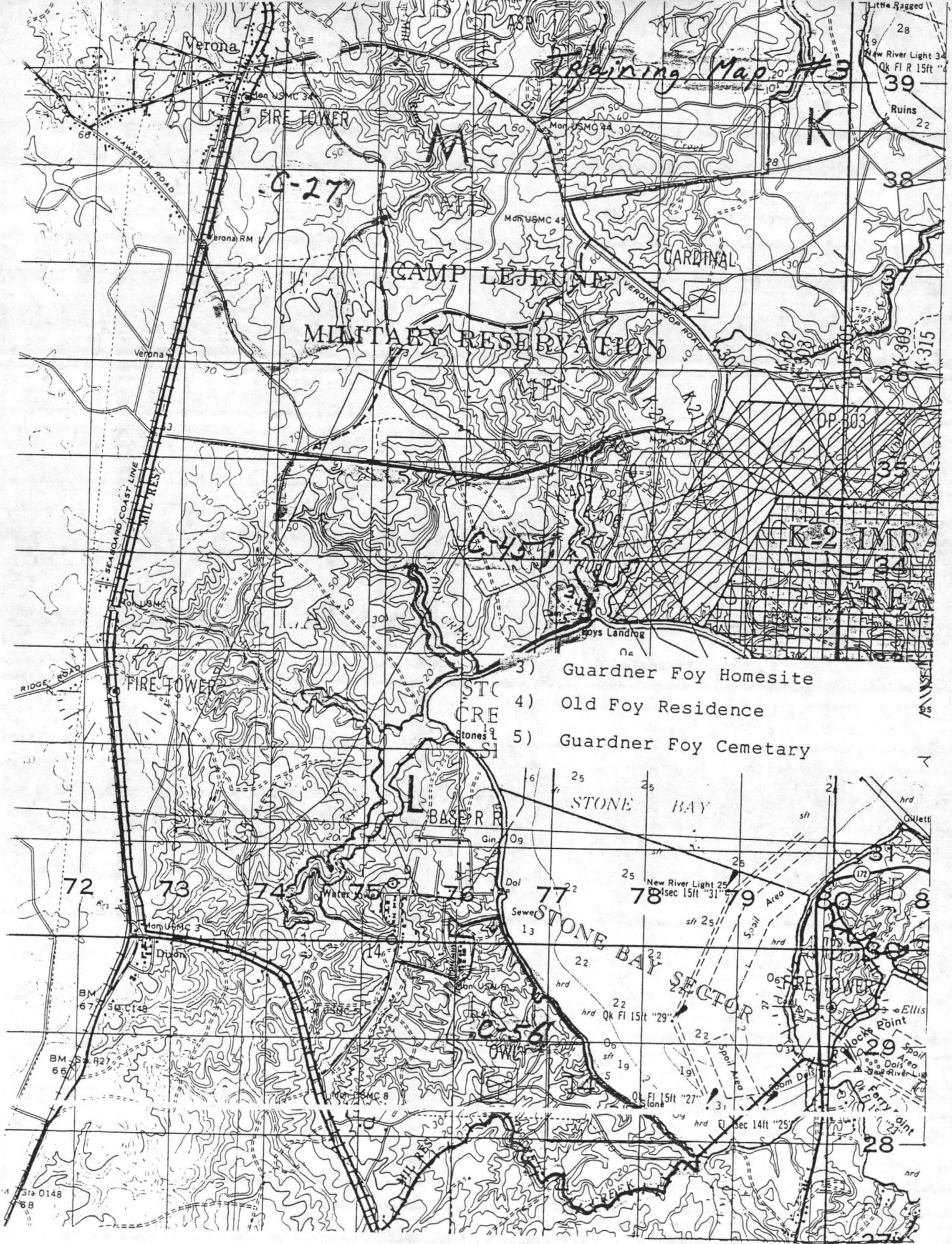
IN METERS







Training Map #3



- 3) Gardner Foy Homesite
- 4) Old Foy Residence
- 5) Gardner Foy Cemetary

STONE BAY

STONE BAY SECTOR

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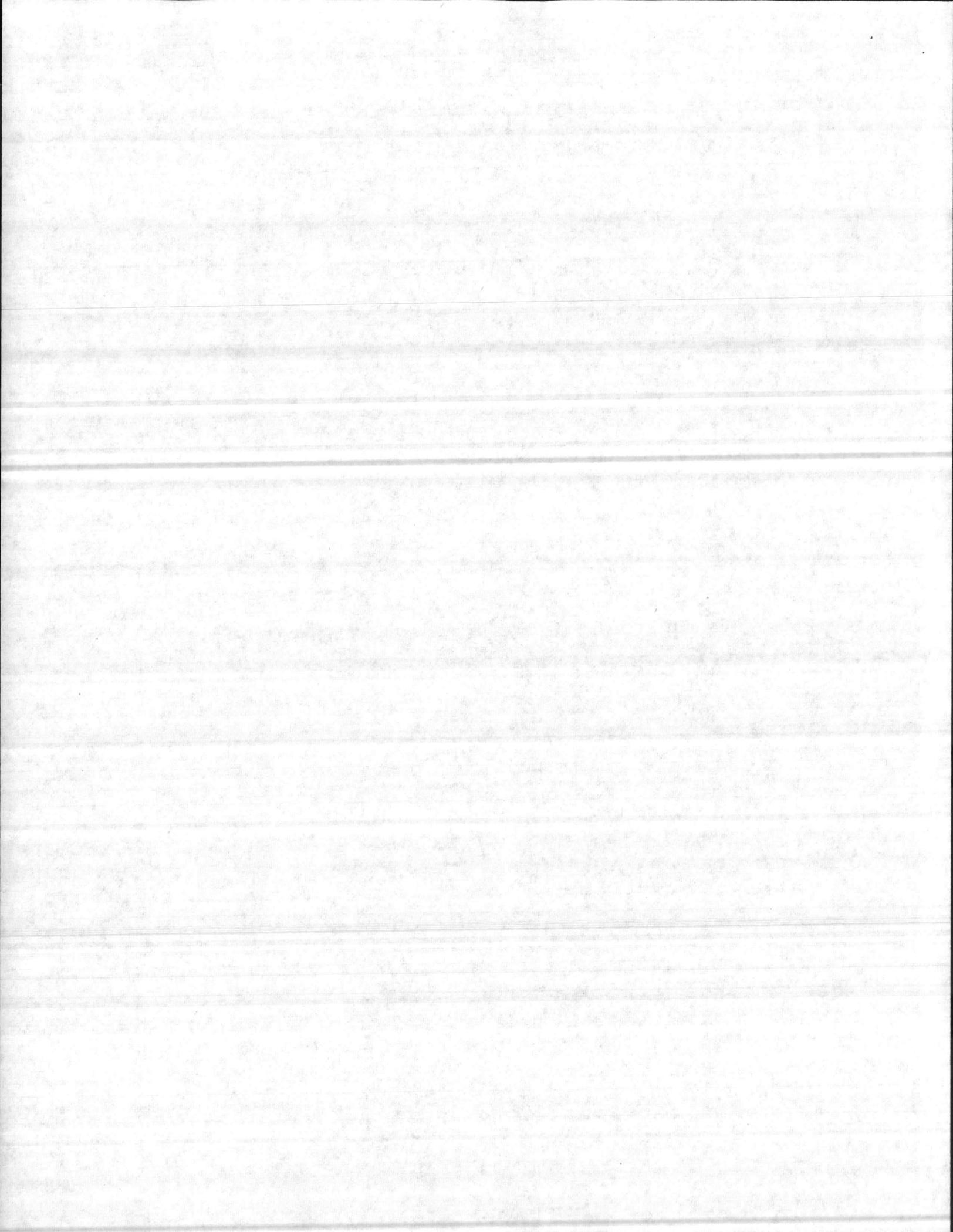
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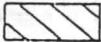
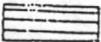
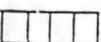
TIMBER SALE COMPARTMENT 2

- ==== PAVED ROAD
- ==== DIAT ROAD
- - - - STAND BNDY
- . . . DITCH
- CREEK
- POWERLINE
- - Drinking Water Supply Well

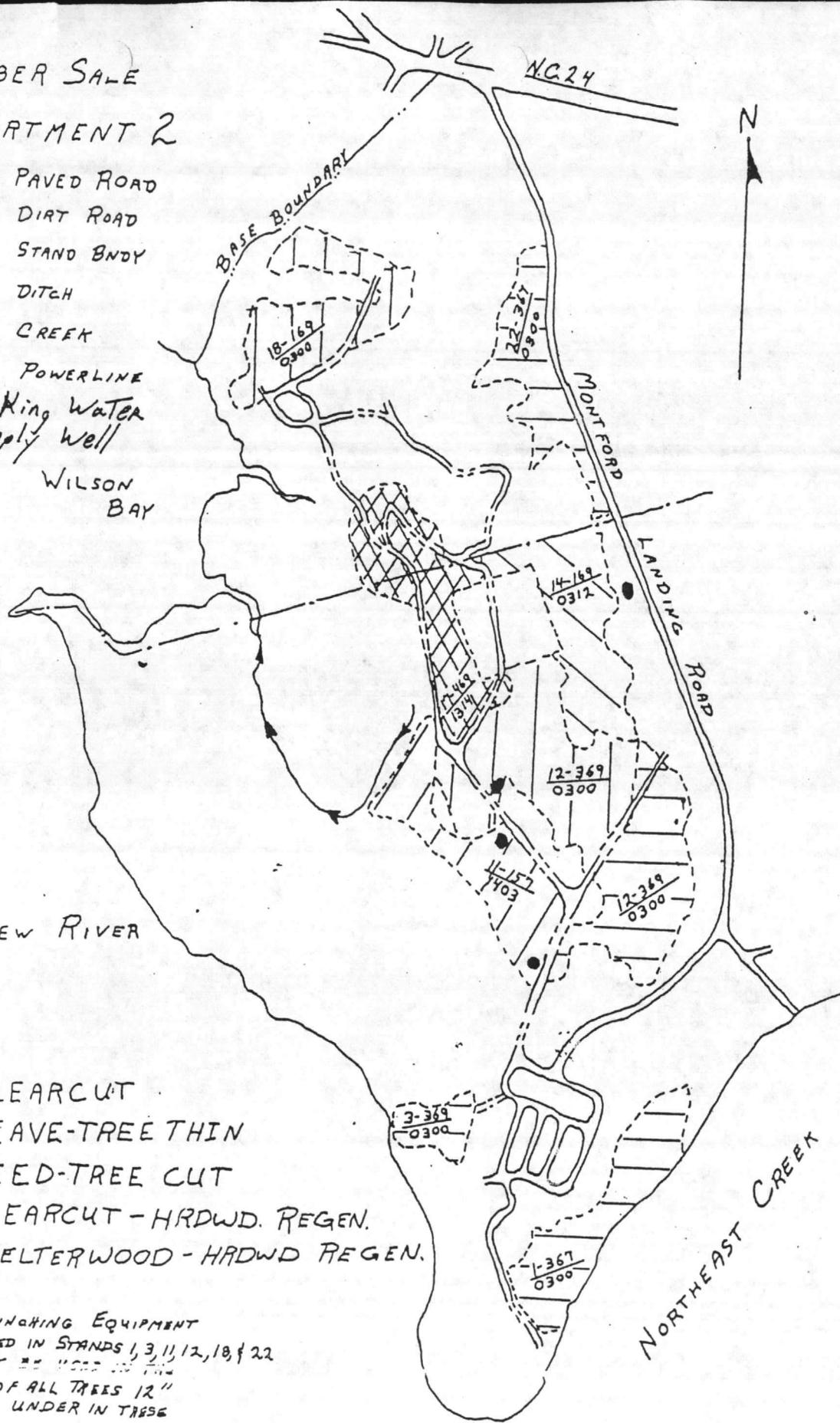
1 in = 20 CHS

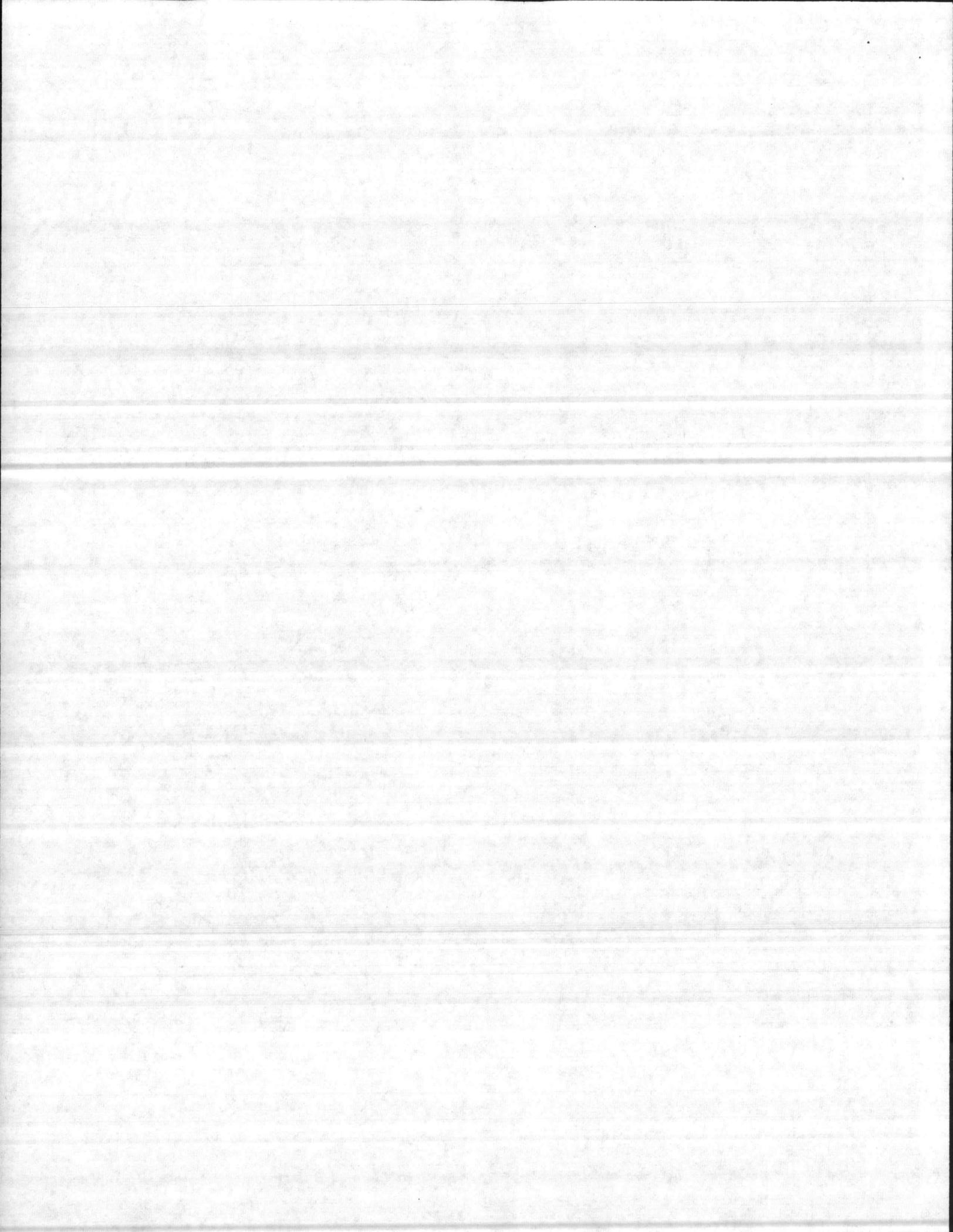
WILSON BAY

NEW RIVER

-  CLEARCUT
-  LEAVE-TREE THIN
-  SEED-TREE CUT
-  CLEARCUT - HRDWD. REGEN.
-  SHELTERWOOD - HRDWD REGEN.

FELLER BUNCHING EQUIPMENT
IS REQUIRED IN STANDS 1, 3, 11, 12, 18, & 22
AND MUST BE USED IN THE
HARVEST OF ALL TREES 12"
DBH AND UNDER IN THESE
STANDS





TIMBER SALE
COMPARTMENT 58

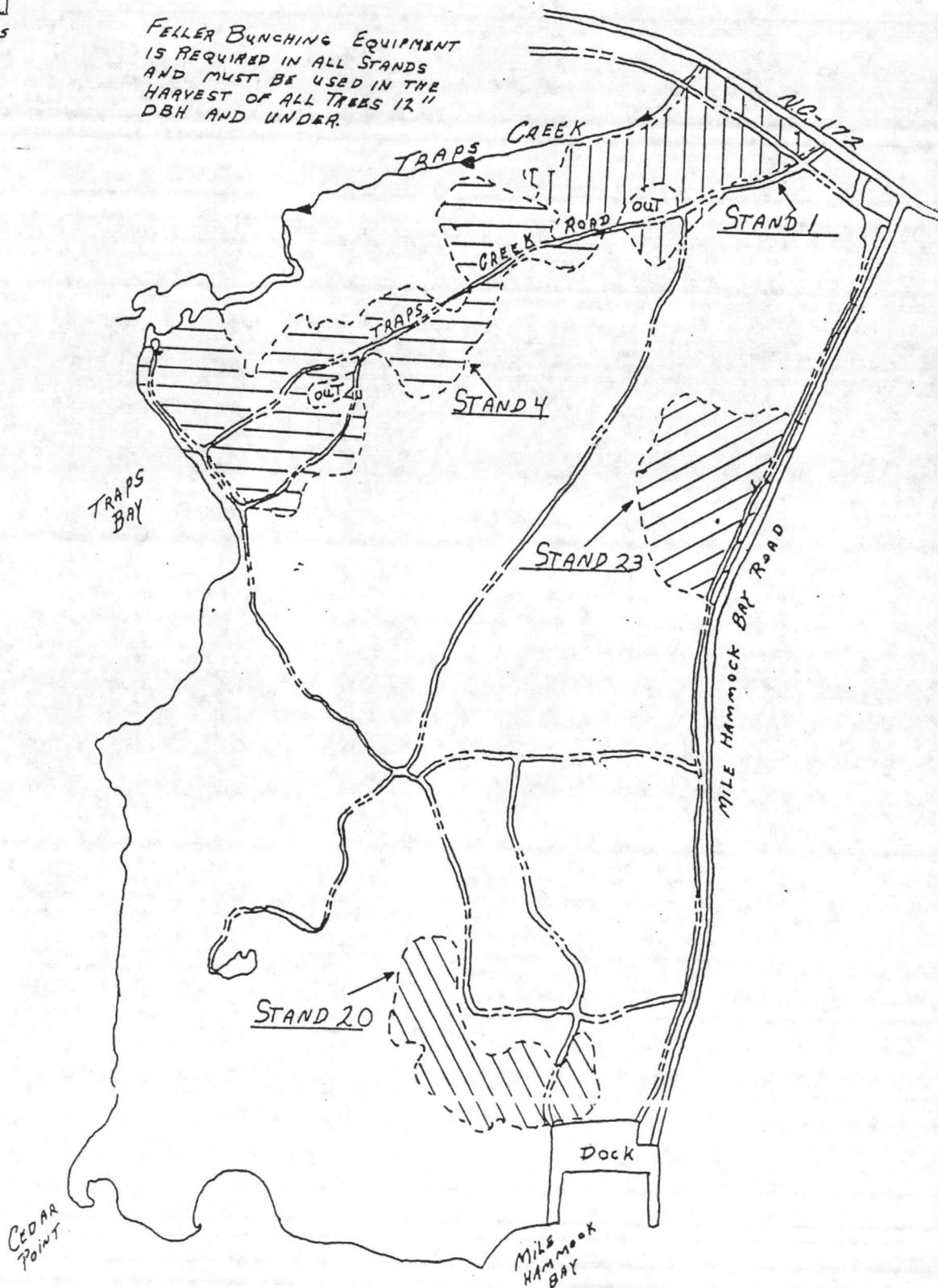
- ==== PAVED ROAD
- ==== DIRT ROAD
- STAND BNDY
- CREEK

1 in. = 20 CHAINS

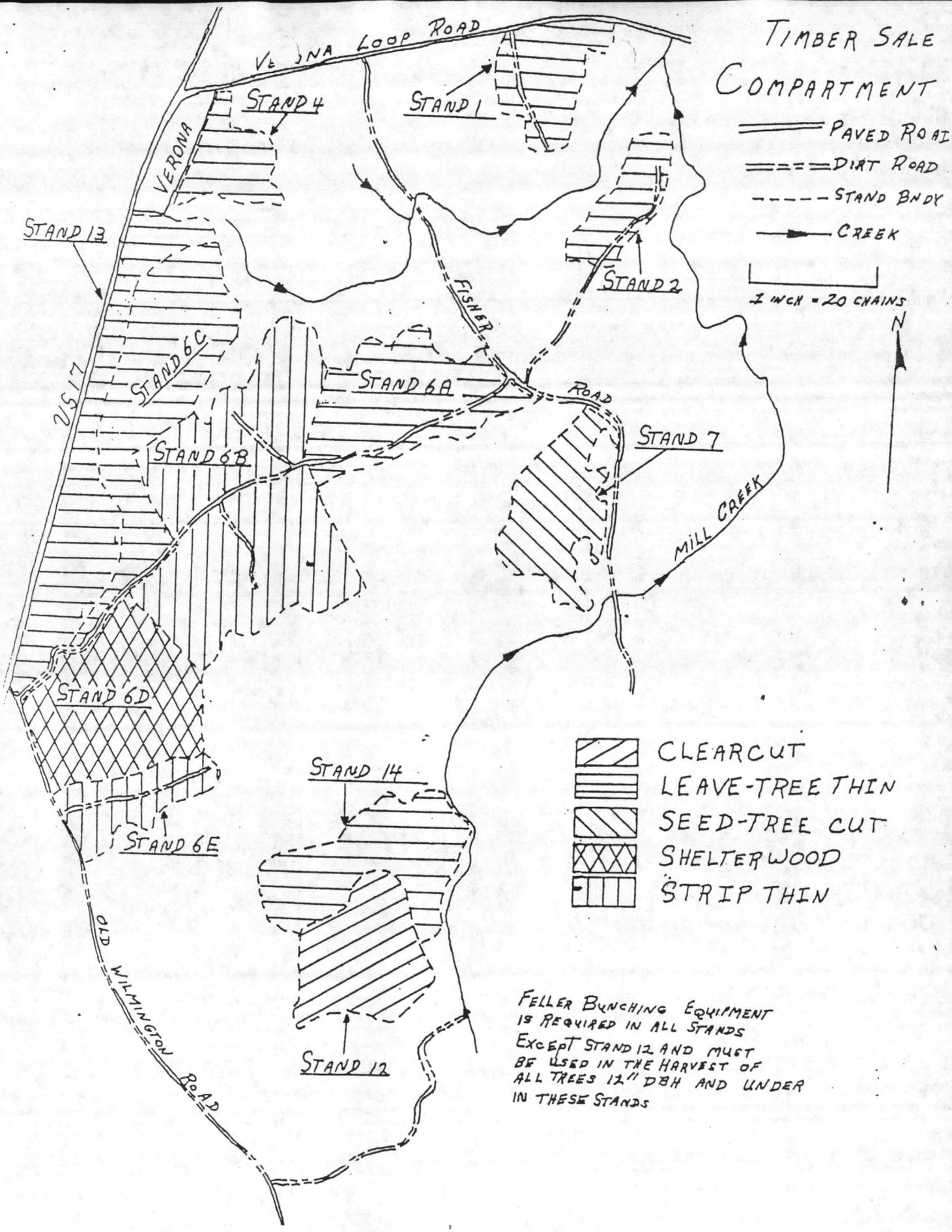


- LEAVETREE THIN
- LEAVETREE WITH HARDWOOD CONSID.
- SEEDTREE
- SHELTERWOOD

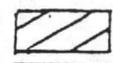
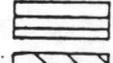
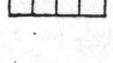
FELLER BUNCHING EQUIPMENT IS REQUIRED IN ALL STANDS AND MUST BE USED IN THE HARVEST OF ALL TREES 12" DBH AND UNDER.



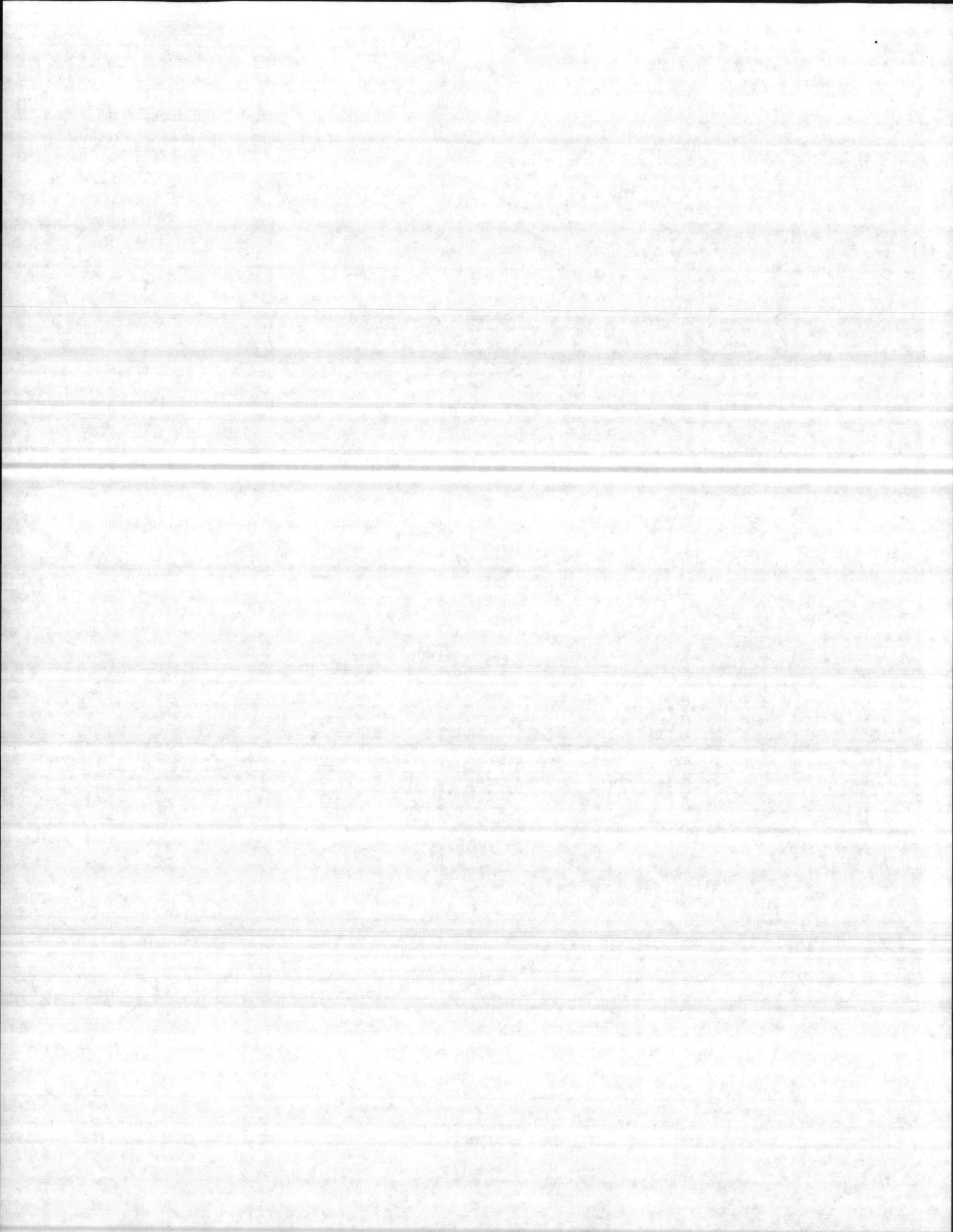
TIMBER SALE COMPARTMENT



- ==== PAVED ROAD
- DIAT ROAD
- - - - STAND BNDY
- CREEK
- 1 INCH = 20 CHAINS
- N

-  CLEARCUT
-  LEAVE-TREE THIN
-  SEED-TREE CUT
-  SHELTERWOOD
-  STRIP THIN

FELLER BUNCHING EQUIPMENT
IS REQUIRED IN ALL STANDS
EXCEPT STAND 12 AND MUST
BE USED IN THE HARVEST OF
ALL TREES 12" DBH AND UNDER
IN THESE STANDS

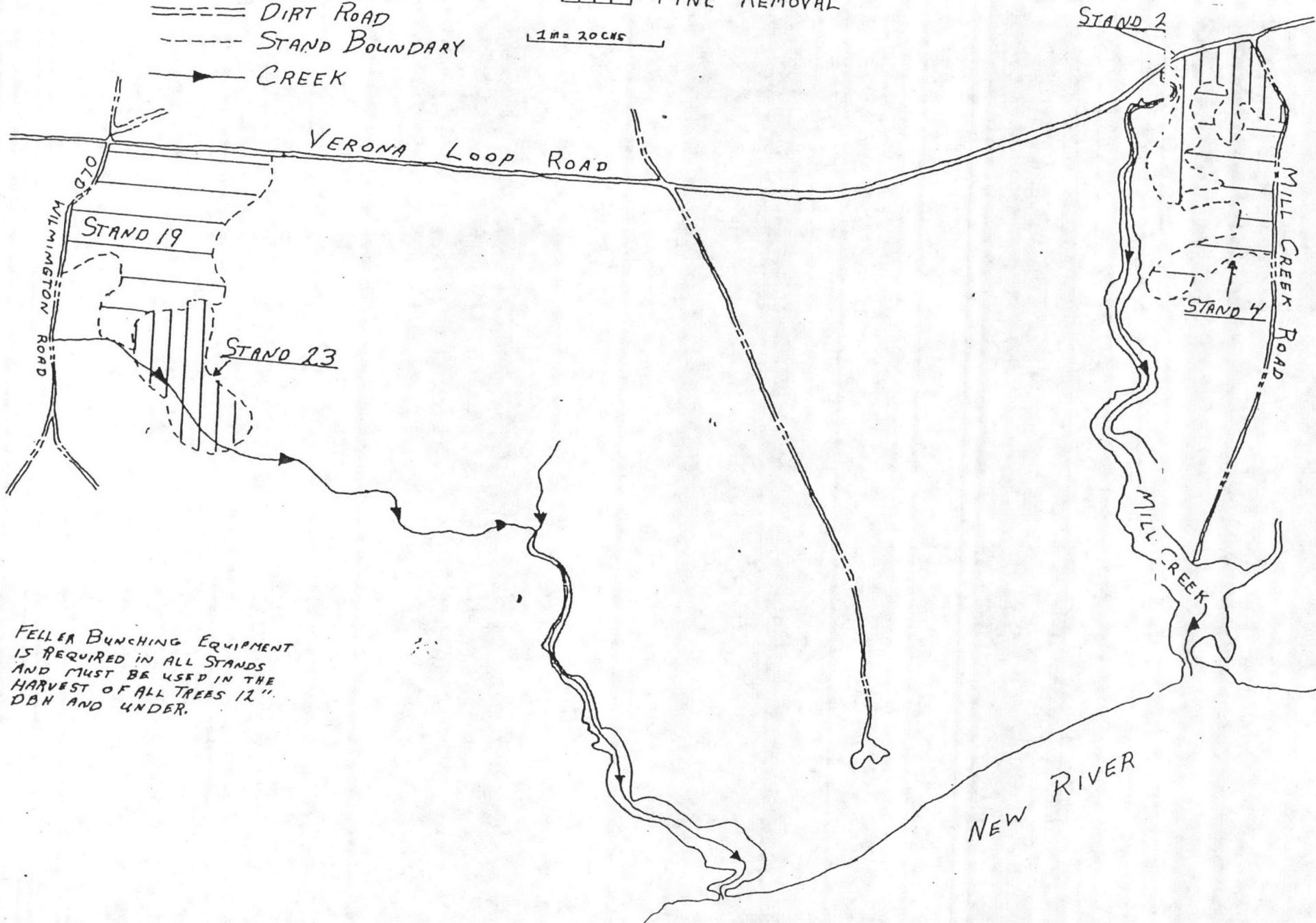


TIMBER SALE
COMPARTMENT 45

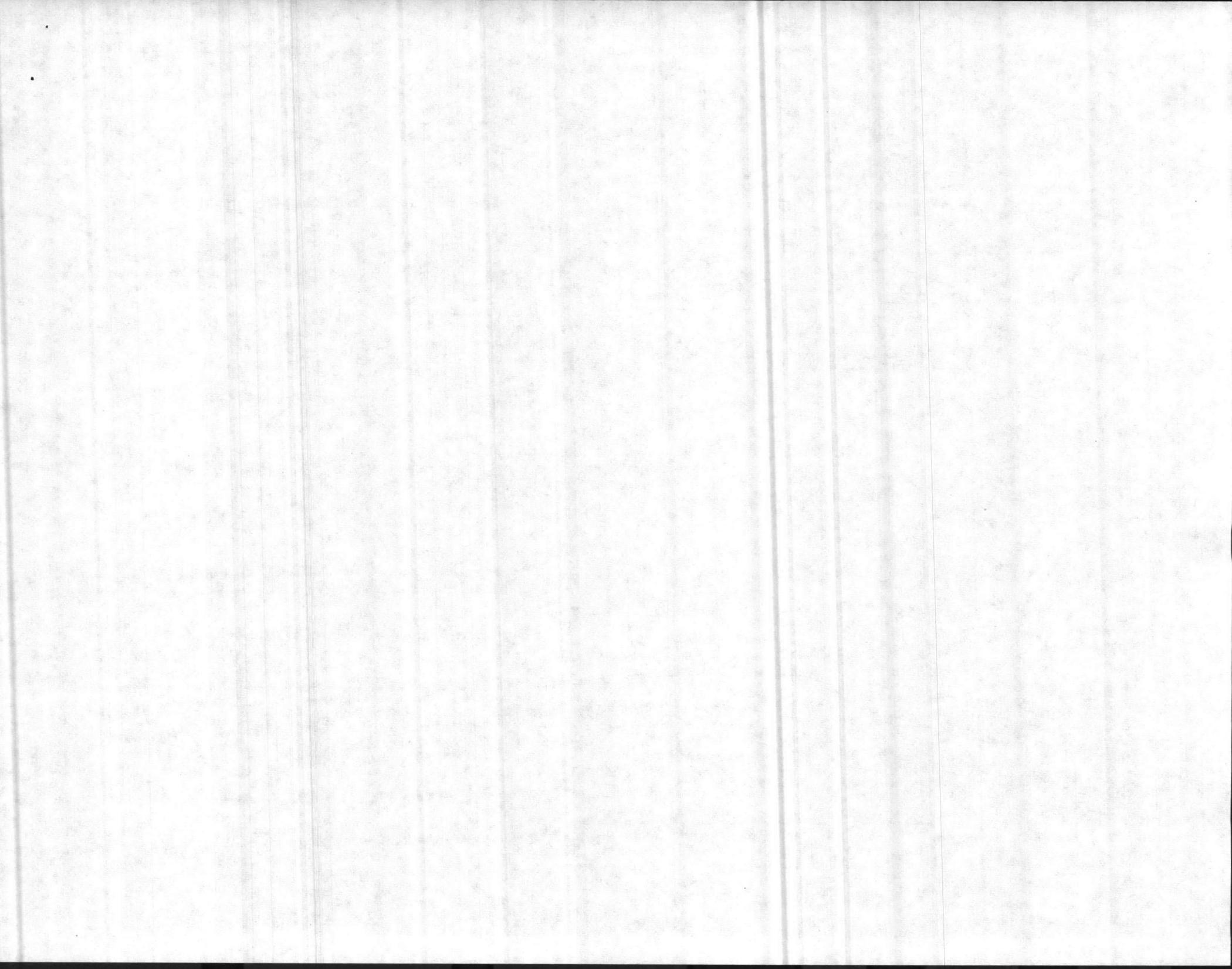
- PAVED ROAD
- DIRT ROAD
- STAND BOUNDARY
- CREEK

- SEED-TREE CUT
- PINE REMOVAL

1 in = 200 FT

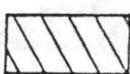


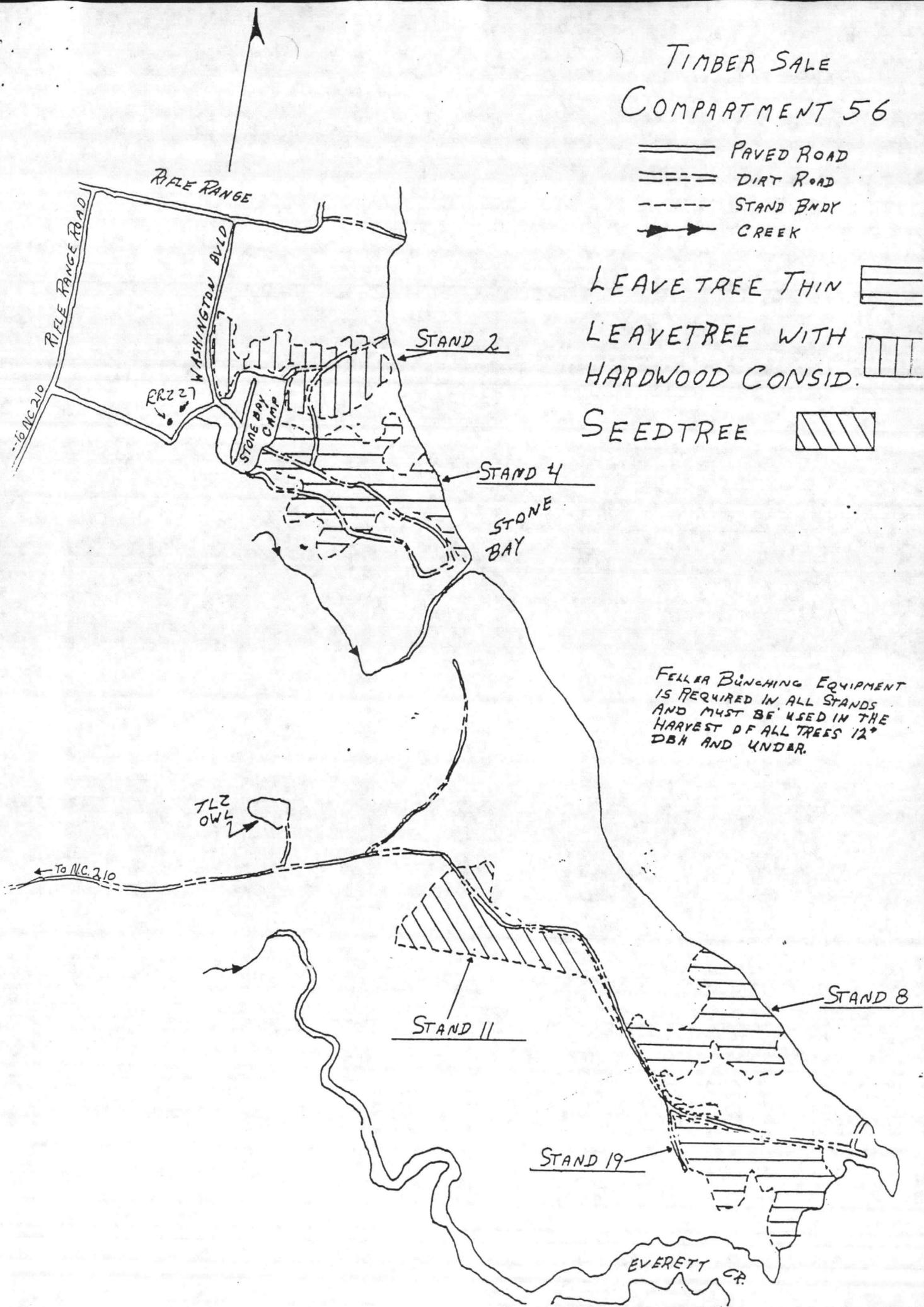
FELLER BUNCHING EQUIPMENT
IS REQUIRED IN ALL STANDS
AND MUST BE USED IN THE
HARVEST OF ALL TREES 12"
DBH AND UNDER.

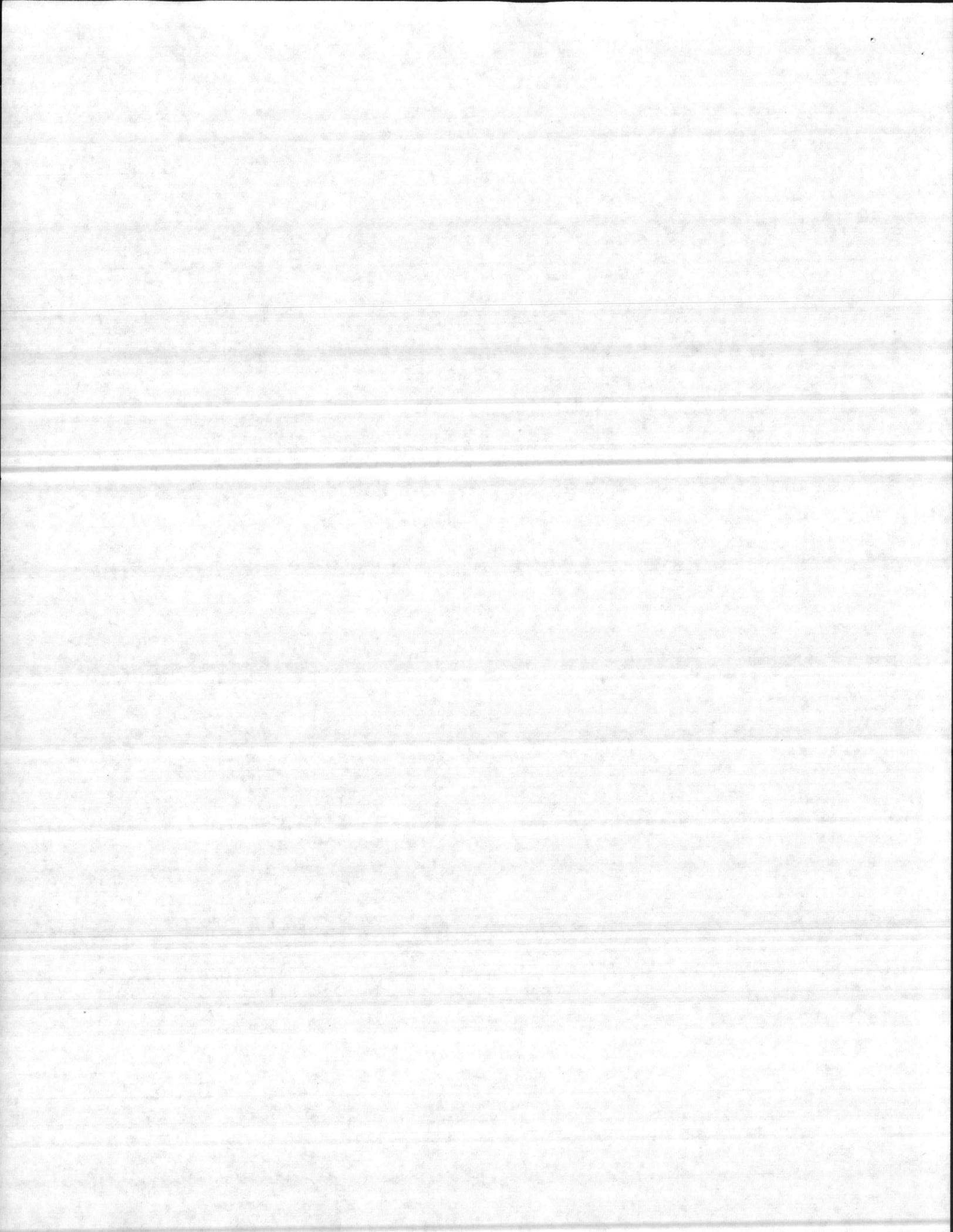


TIMBER SALE COMPARTMENT 56

- ==== PAVED ROAD
- DIRT ROAD
- - - - STAND BNDY
- → → CREEK

- LEAVETREE THIN 
- LEAVETREE WITH HARDWOOD CONSID. 
- SEEDTREE 



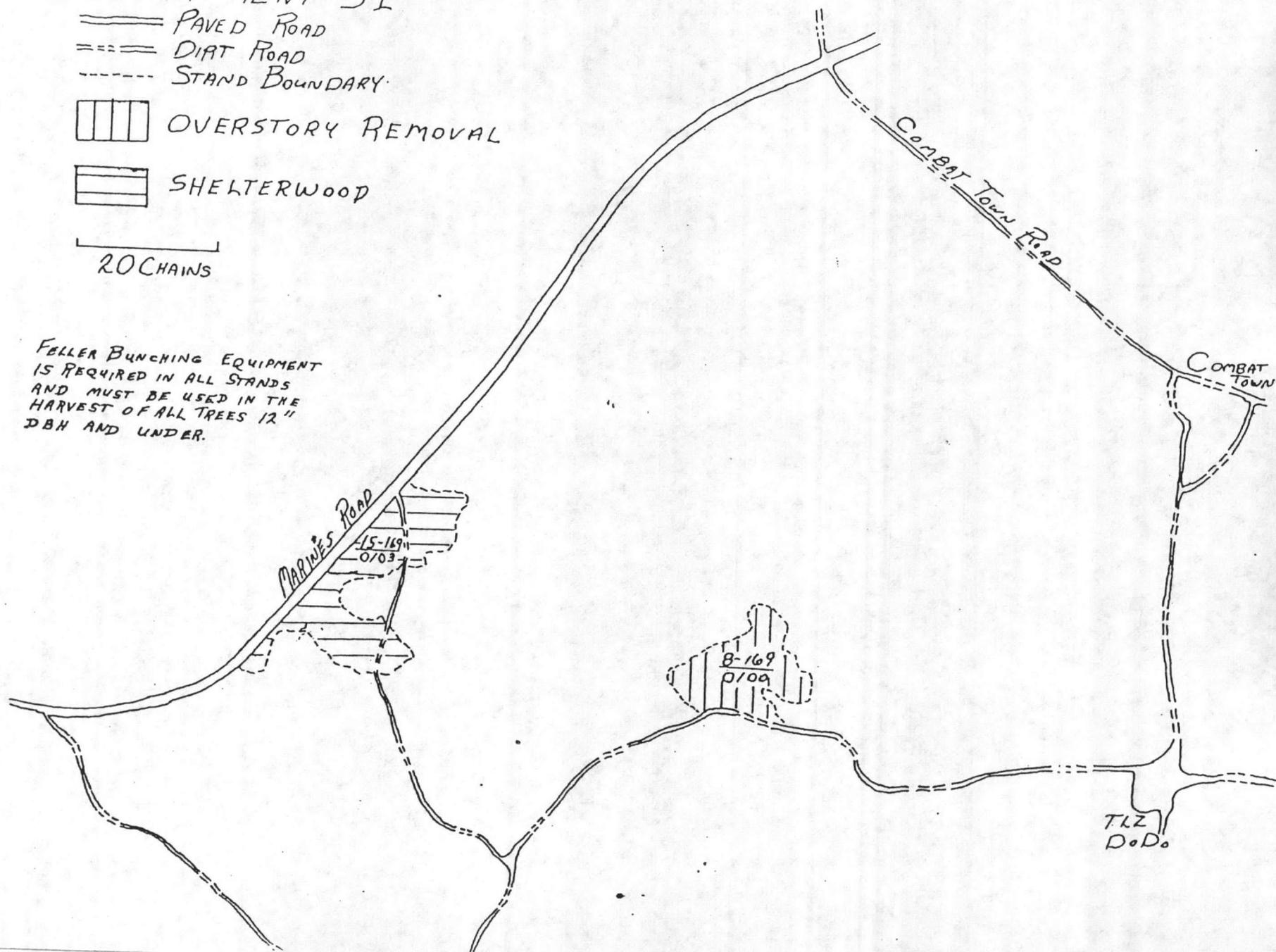


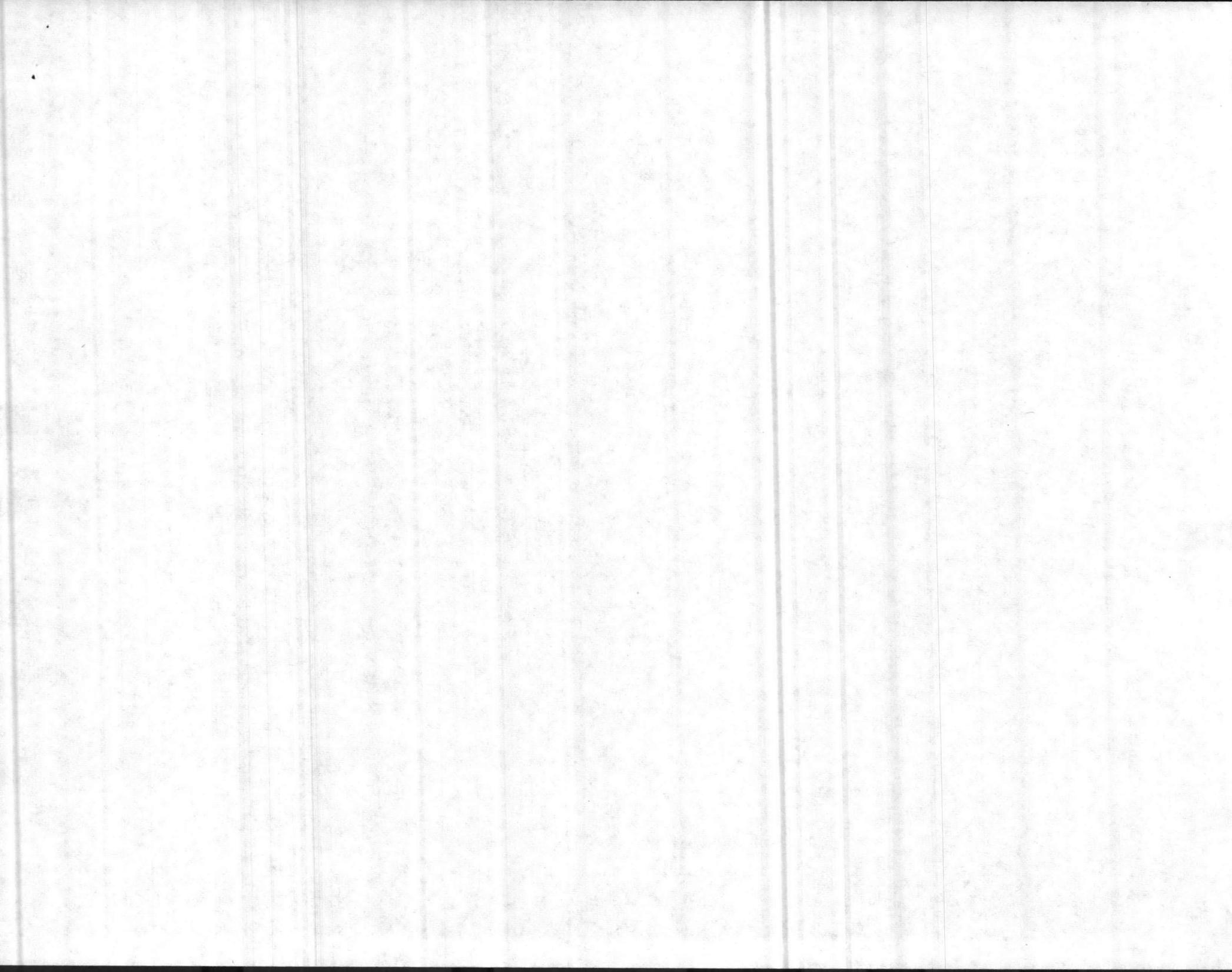
TIMBER SALE
COMPARTMENT 51

- ==== PAVED ROAD
- DIAT ROAD
- - - - STAND BOUNDARY
- |||| OVERSTORY REMOVAL
- ||| SHELTERWOOD

20 CHAINS

FELLER BUNCHING EQUIPMENT
IS REQUIRED IN ALL STANDS
AND MUST BE USED IN THE
HARVEST OF ALL TREES 12"
DBH AND UNDER.







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

MCAS
Mr. Acosta

IN REPLY REFER TO:

5420/2

FAC

10 OCT 1985

From: Chairman, Environmental Enhancement/Impact Review Board
Subj: MINUTES OF ENVIRONMENTAL ENHANCEMENT/IMPACT REVIEW BOARD
Ref: (a) BO 11000.1B
(b) BO 11015.2G
Encl: (1) PEA - FY-86 Timber Harvest Program, NREAD
(2) PEA - FY-86 Prescribed Burning Program, NREAD
(3) PEA - Group Headquarters, P-389, MCAS, NR
(4) 1985-1986 Environmental Program Actions

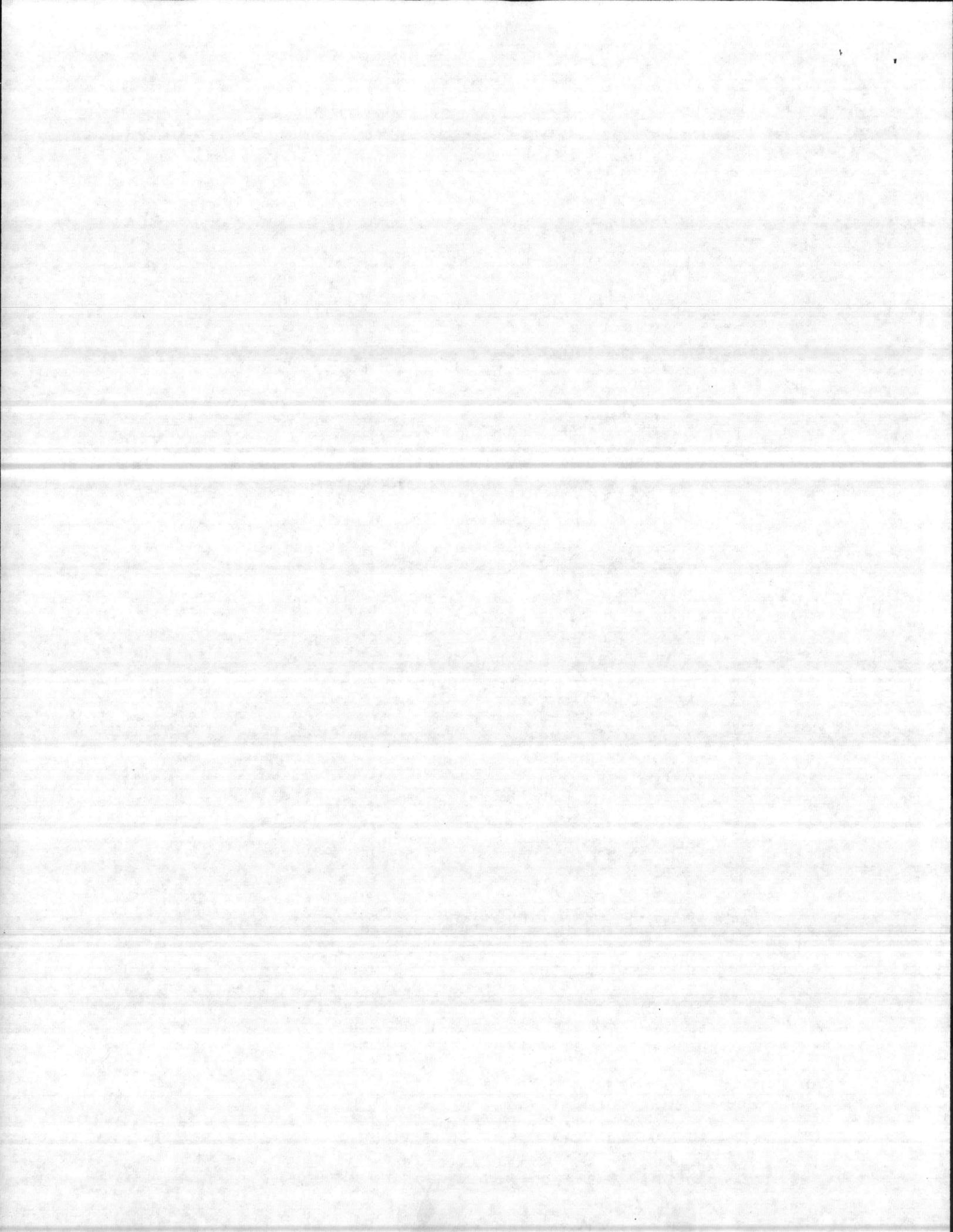
1. The Board was convened in accordance with the provisions of references (a) and (b). The Chairman reviewed the purpose of the Board for those in attendance for the first time. The following personnel were present.

Col R. A. Tiebout, AC/S, Fac	Chairman
Col J. A. Speicher, AC/S, Trng&Opns	Guest
LtCol M. J. Dineen, TFAC	Member
Maj T. E. Minor, 2d MarDiv G-4 Rep	Member
Maj D. R. Shepherd, 2d FSSG G-4 Rep	Member
Capt P. F. Roche, SJA Rep	Advisor
Ens C. C. Abels, NavHosp PMU Rep	Advisor
GySgt L. L. Davis, Game Warden, PMO	Advisor
Mr. Bob Alexander, EnvEngr	Advisor
Mr. Peter Black, BForester	Guest
Mr. W. L. Brant, PubWks Rep	Member
Mr. F. E. Cone, Dep BMaintO	Member
Mr. Sammy I. Gwynn, SAFD Rep	Advisor
Mr. Julian Wooten, Dir NREAD	Advisor

2. The preliminary environmental assessments (PEA) listed in enclosures (1) through (3) were discussed as follows.

a. Timber Harvest Program. Mr. Black explained that this is a routine annual project. The Base has 61 compartments which are cut on a 10-year cutting cycle, with an average of six compartments a year. Income from the FY-86 cuts is estimated to be \$460,000. The cuts are standard for a southern pine forest. The forests are managed for multiple uses--training, wildlife, and aesthetics are taken into consideration as well as other factors. A certain amount of volume is harvested each year also in order not to inundate the local market. Compartments to be harvested will be coordinated with Training. The Board agreed there is no significant environmental impact or controversy associated with this project (enclosure (1)).

b. Controlled Burning. Mr. Black explained the need for controlled burning to reduce wildfires in the spring as well as fires started from training exercises, and as part of the forest



Subj: MINUTES OF ENVIRONMENTAL ENHANCEMENT/IMPACT REVIEW BOARD

ecology. Burns are scheduled on five-year cycles, and well publicized in advance. Hardwood forests are excluded. They will attempt to control burn 24,000 acres between the period 1 Dec-15 Mar. This will include increased range area and some Red-Cockaded Woodpecker habitat area. Burns will be closely coordinated with weather forecasters, Training and the N.C. Forest Service. In response to the Safety representative's query about respirators for workers, Mr. Black stated that it had never been a problem although masks are used when fighting wildfires. The Board agreed there is no significant environmental impact or controversy associated with the project (enclosure (2)).

c. Group Headquarters, New River, P-389. The project is an addition to MAG-29 Headquarters. After review of the PEA (enclosure (3)), the Board agreed there is no significant environmental impact or controversy associated with the project.

3. Mr. Alexander provided the Board with an update on the environmental program for 1985-1986 (enclosure (4)).

4. Mr. Wooten stated that we would probably be seeing more DOD emphasis being placed on our archaeological/historical resources and compliance with regulations, per a recent conversation he had with a HQMC representative. Presently, there are two offices at HQMC handling these items but they are going to be consolidated into one.

5. We are expecting another State inspection in October on our Hazardous Waste Program. A message has been sent to units involved.

6. The Chairman reemphasized the criticality of environmental issues and better program control due to the effects the Board's decisions can have on our environment in the years to come. He noted also that we are constantly being monitored by the State and other Federal agencies for compliance with environmental laws.

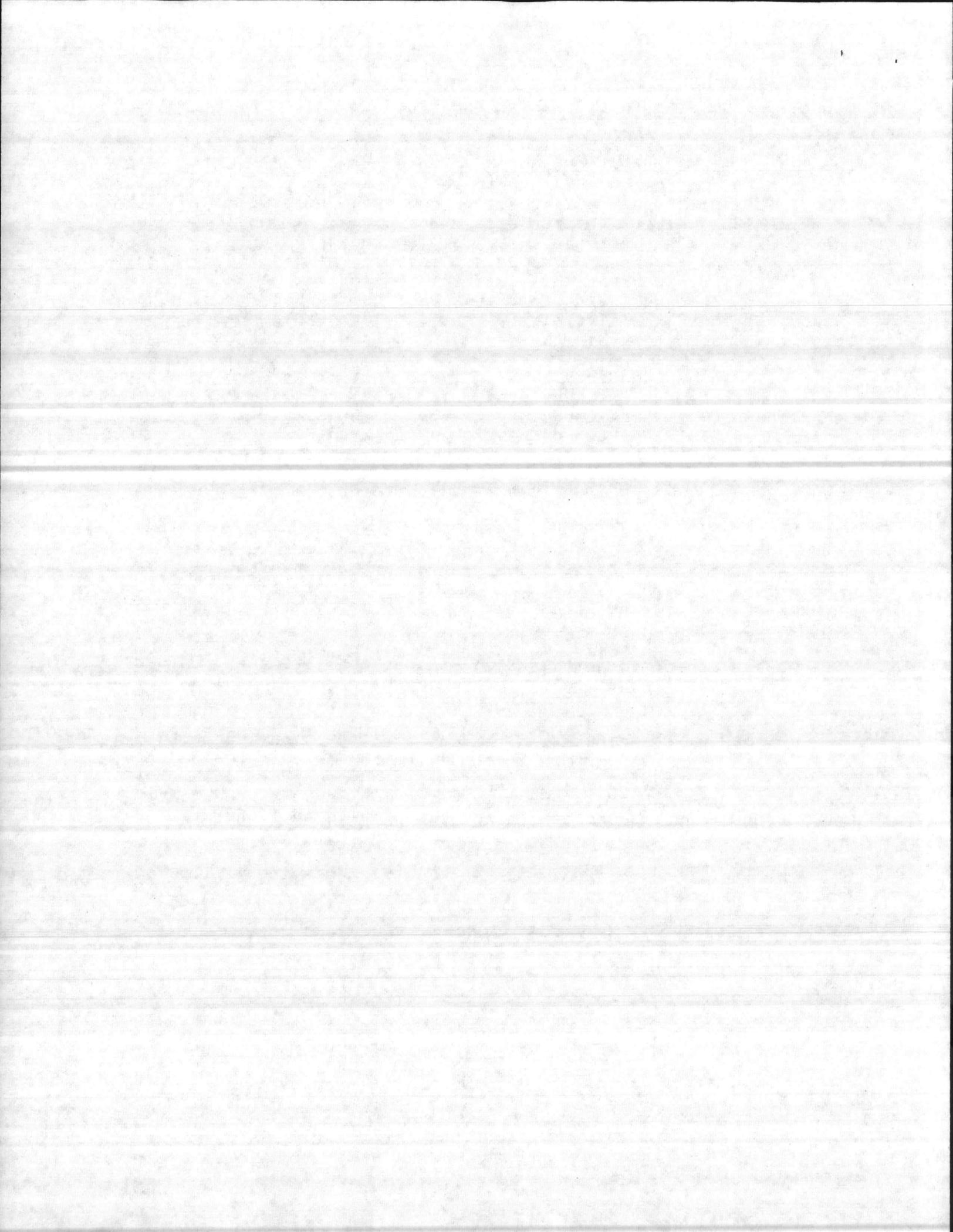
7. The meeting adjourned at 1014. The next meeting will be at the call of the Chairman.

R/S
R.A. Tiebout
R. A. TIEBOUT

Chief of Staff: Concur 7 Nonconcur _____

Commanding General: Approved 1/1 Disapproved _____

OCT 1985



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; SUBMISSION OF

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, S-4 Office, 451-6506
3. Group Headquarters, P-389, FY-90 Program:

This project will provide an addition to the existing Marine Air Group-29 Headquarters building. The existing facility is a CMU brick structure with a metal deck and built-up roof. All supporting utilities will require upgrading.

This project is within the long range plans for this area.

The proposed project will not alter the appearance of the area, operational efficiency will improve with the procurement of an improved facility. There will be no adverse alteration to the environment.

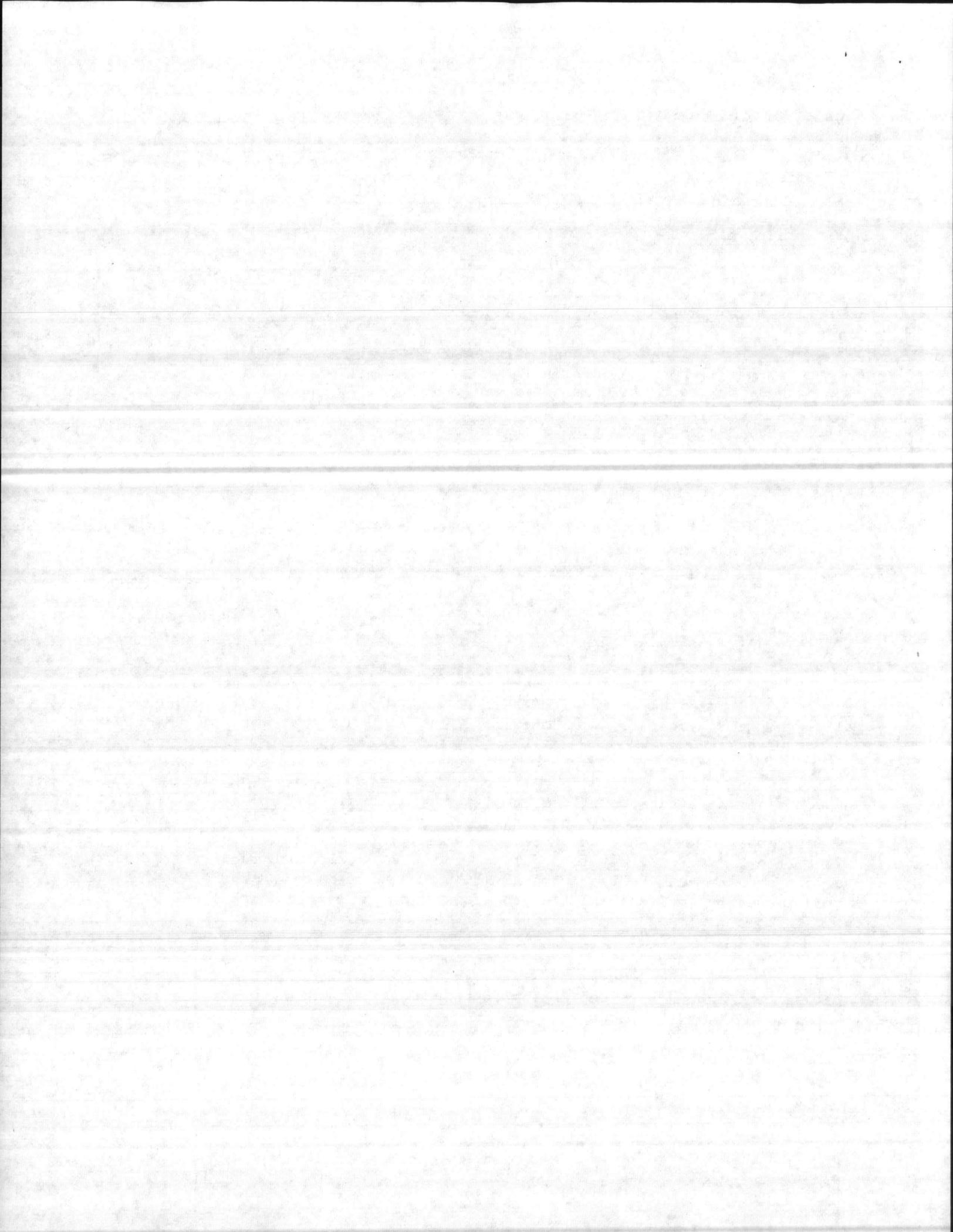
4. Location: See attached site location map
5. Potential Environmental Impact/Considerations:

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? UNKNOWN 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

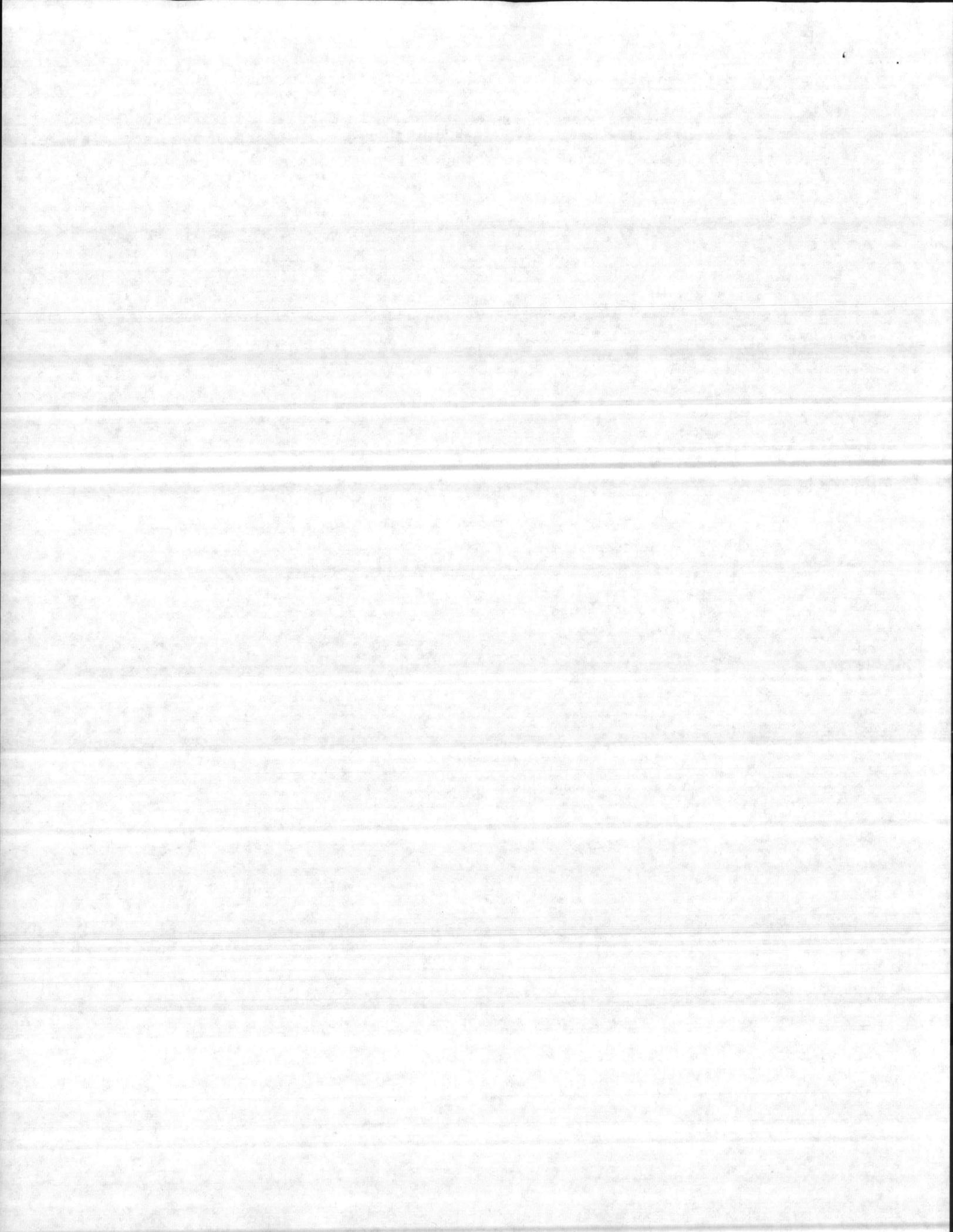
c. Groundwater Quality: Does the project involve use of herbicides, insecticides or other pesticides in significant amounts? NO Does the project involve installation/use of septic tanks, or any other on-site disposal of sanitary waste? NO Will there be any wells dug or any excavations deeper than twenty 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? 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



1985-1986 ENVIRONMENTAL PROGRAM ACTIONS

NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS (NACIP PROGRAM) (\$500K)

- Confirmation study monitoring
- Characterization study of water supply wells
- JP-5 study at MCAS rapid refuel
- Feasibility report due Dec 1986

HAZARDOUS MATERIAL/USED OIL STUDY (\$160K)

- Evaluate all HM storage facilities
- Recommend waste oil management measures
- Describe HM/W reuse/recovery measures

COGDELL'S CREEK WATERSHED STUDY (\$30K)

- Storm water runoff controls for urbanizing areas

CULTURAL RESOURCES MANAGEMENT PLAN (\$30K)

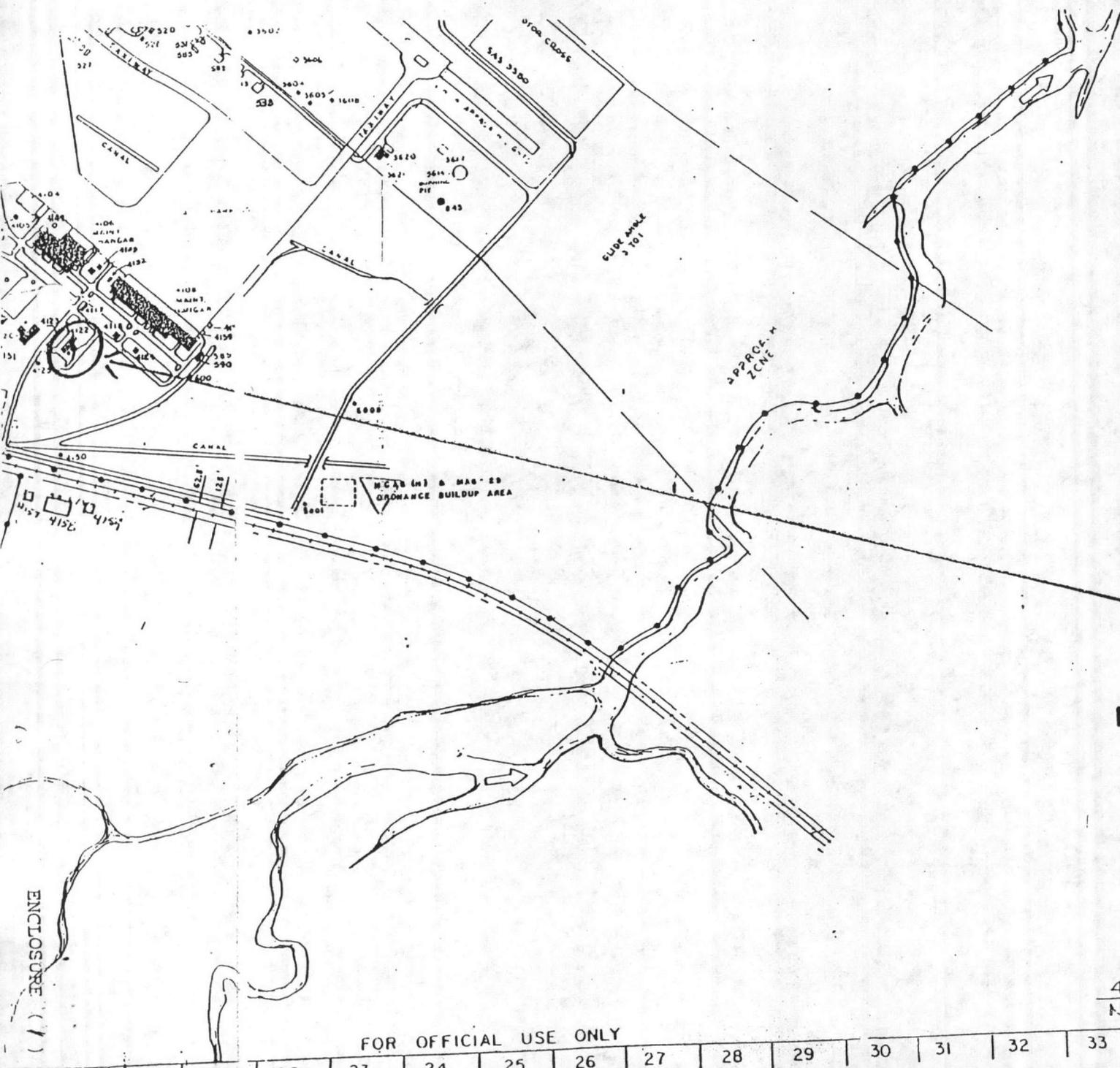
- Confirm eligibility for listing in NRHP
- Recommend protection measures compatible with training per special training analysis

ONslow BEACH COASTAL MANAGEMENT STUDY

- Define significance of beach erosion
- Recommend stabilization measures to ensure continued training

LAND USE MANAGEMENT SYSTEM (LUMS)

- Request for proposal ready for advertisement in CBD
- Vendor selection in 2-3 months
- Automates range scheduling
- Hardware expected in Aug 1986 for LUMS office and six work stations



P-389
 GROUP HEADQUARTERS
 MAP OF
 AIR STATION AREA
 MARINE CORPS AIR STATION
 (HELICOPTOR)
 NEW RIVER
 JACKSONVILLE, NORTH CAROLINA
 SHOWING CONDITIONS ON
 OCTOBER 1, 1980

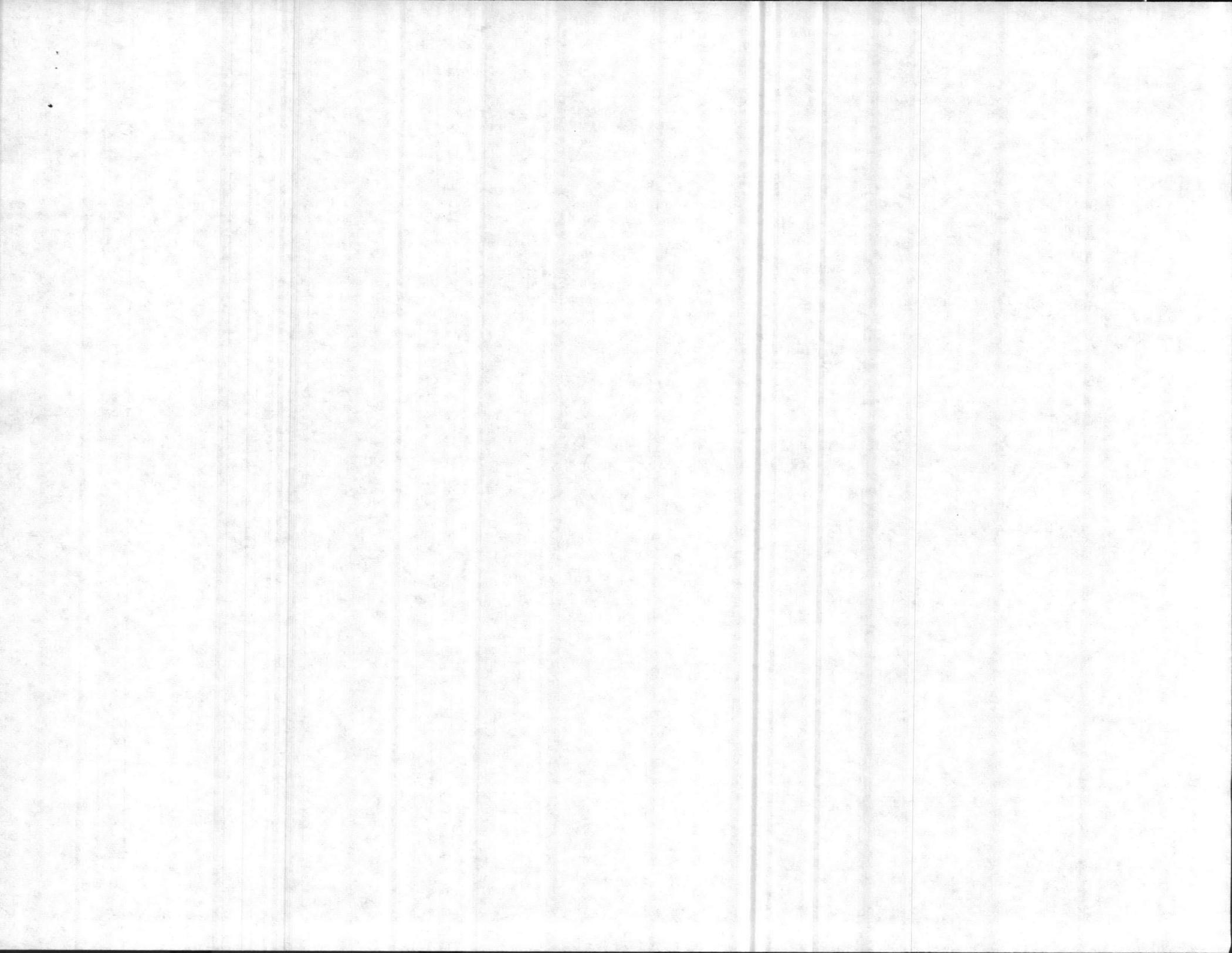
J. J. [Signature]
 PUBLIC WORKS OFFICER
 MCB CLMC

4080402
 NAVFAC DWG. NO. SHEET 23 OF 24

FOR OFFICIAL USE ONLY

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ENCLOSURE (1)



File ~~environmental~~ ✓

~~but~~ Also in P-384 (Pg)

make note as to
approval date am
fly log

