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AUTOVON 690-7411

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EO-61

14 JUN 1972

Mr. W. H. Webb, Jr.  
Director of Right of Way  
State Highway Commission  
Raleigh, North Carolina 27611

Re: Your file Project 6801743

Dear Mr. Webb:

Thank you for your letter of June 9, 1972, which returned the Route 24 Memorandum of Understanding as executed on behalf of the Highway Commission. The Memorandum has now been executed on behalf of the government and a copy is forwarded for your records as enclosure (1).

In accordance with provision 2 of the Memorandum, the Highway Commission is hereby authorized to enter upon government property at Camp Lejeune for the purpose of locating, relocating, adjusting, replacing, and constructing the Midway Park family housing utility systems in accordance with the construction plans and specification attached hereto as enclosures (2) and (3). This right of entry terminates automatically upon completion of the above work.

Prior to commencement of construction, it is requested that your representative confer with the Commanding General, Marine Corps Base, Camp Lejeune, to assure compliance with such rules and regulations as may be prescribed concerning safety, security, and ingress and egress to and from the property.

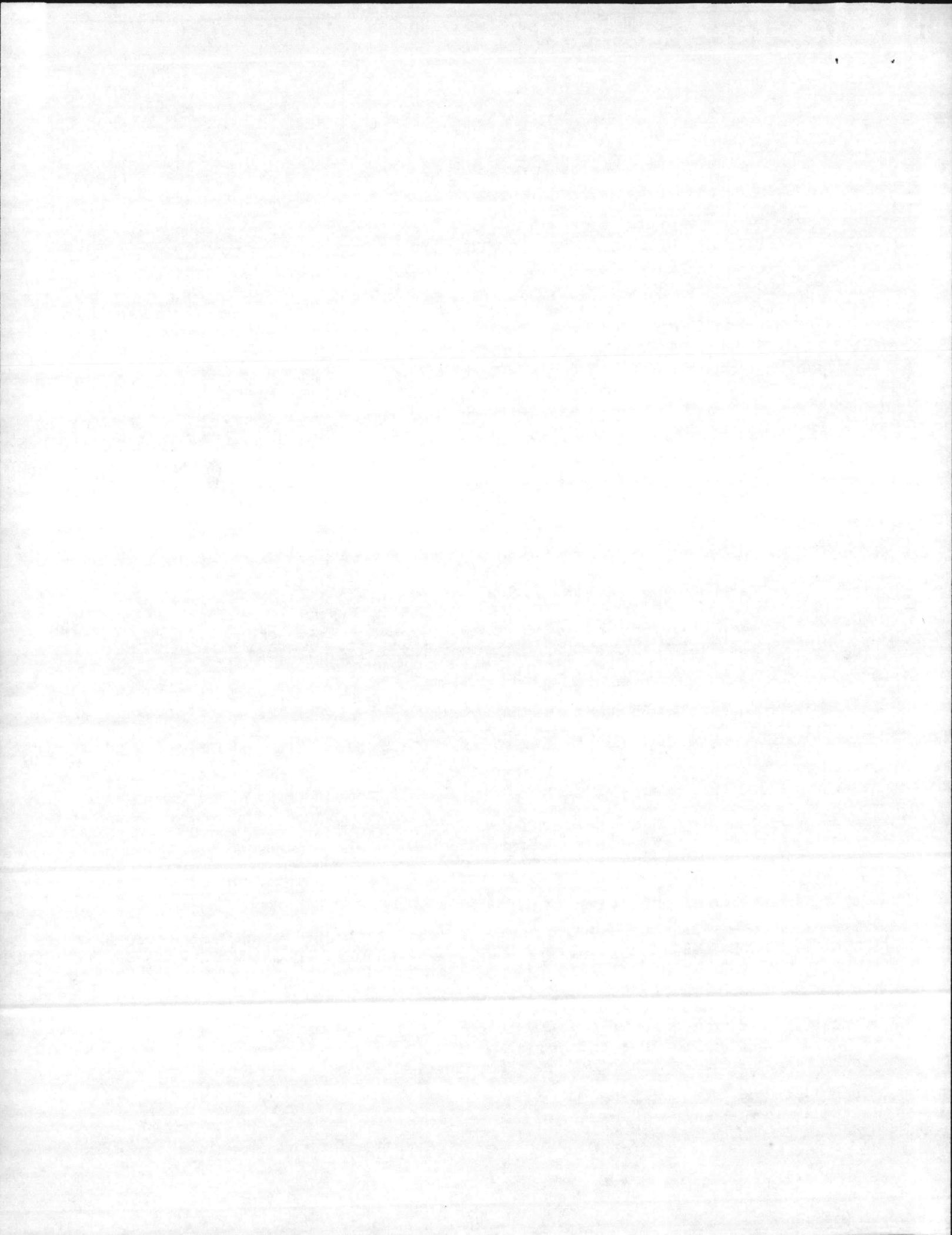
Sincerely yours,

A. R. YOUNG  
Director, Real Estate Division  
By direction of the Commander

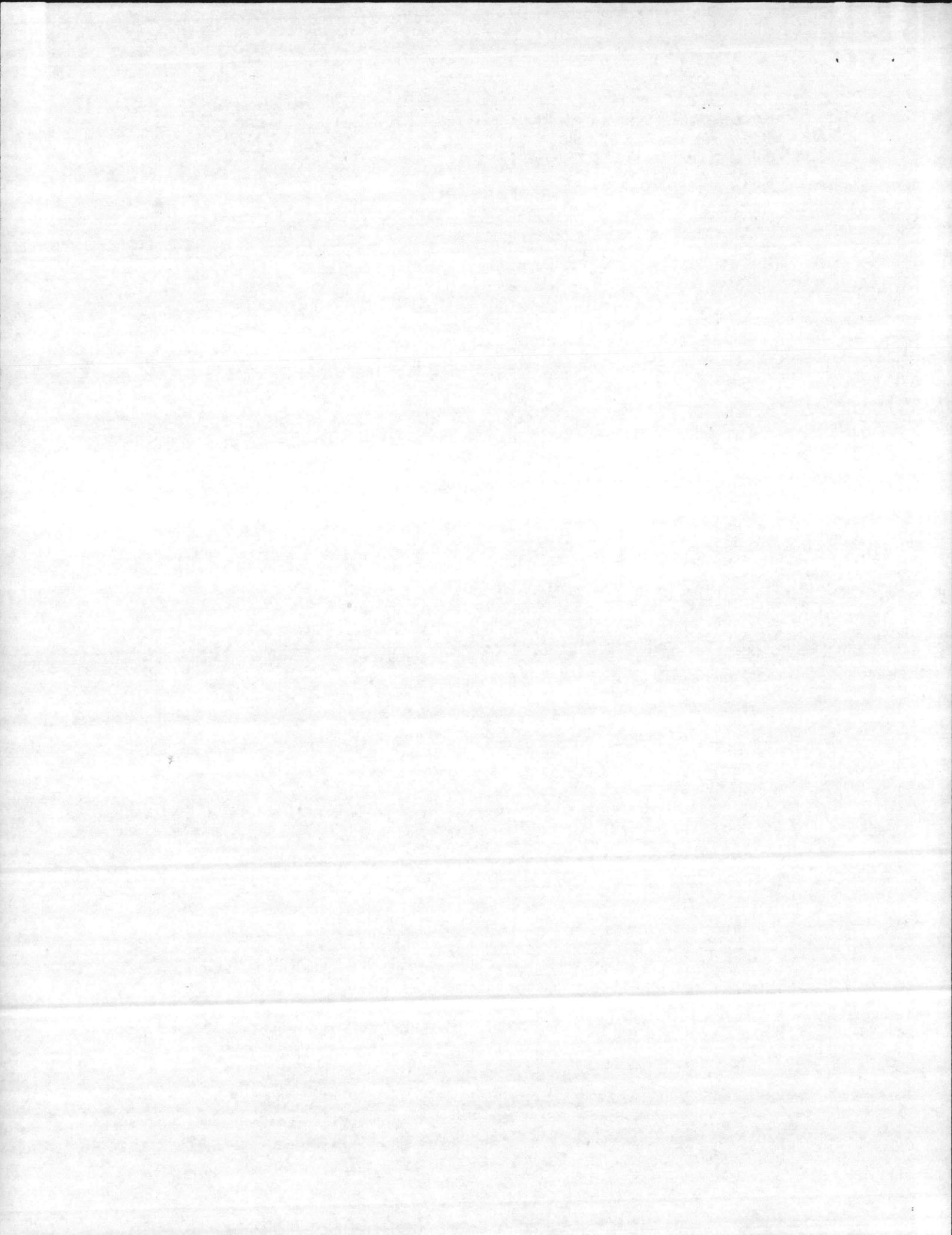
Encl:

- (1) Memorandum of Understanding
- (2) Midway Park Utility Systems Construction  
Drawings for N. C. State Highway Commission  
Project No. 6.801743
- (3) Midway Park Utility Systems Special Provi-  
sions for Project No. 6.801743

Spruill  
cbm  
13 June 72  
NRS



B/copy to:  
CNC (w/o encl (2) and (3))  
NAVFAC (w/o encl (2) and (3))  
→ NCB CAMP LEJUNE



MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING is made this 13<sup>th</sup> day of JUNE, 1972, by and between the UNITED STATES OF AMERICA, acting by and through the Commander, Atlantic Division, Naval Facilities Engineering Command, under the direction of the Secretary of the Navy, hereinafter called the GOVERNMENT, and the STATE HIGHWAY COMMISSION of the State of North Carolina, hereinafter called the STATE,

W I T N E S S E T H

WHEREAS, the STATE plans to construct on lands of the GOVERNMENT at the main gate to the Marine Corps Base, Camp Lejeune, County of Onslow, State of North Carolina, a section of Limited Access Highway designated North Carolina Route 24, Project number 6.801743; and

WHEREAS, the STATE plans to maintain N. C. Route 24; and

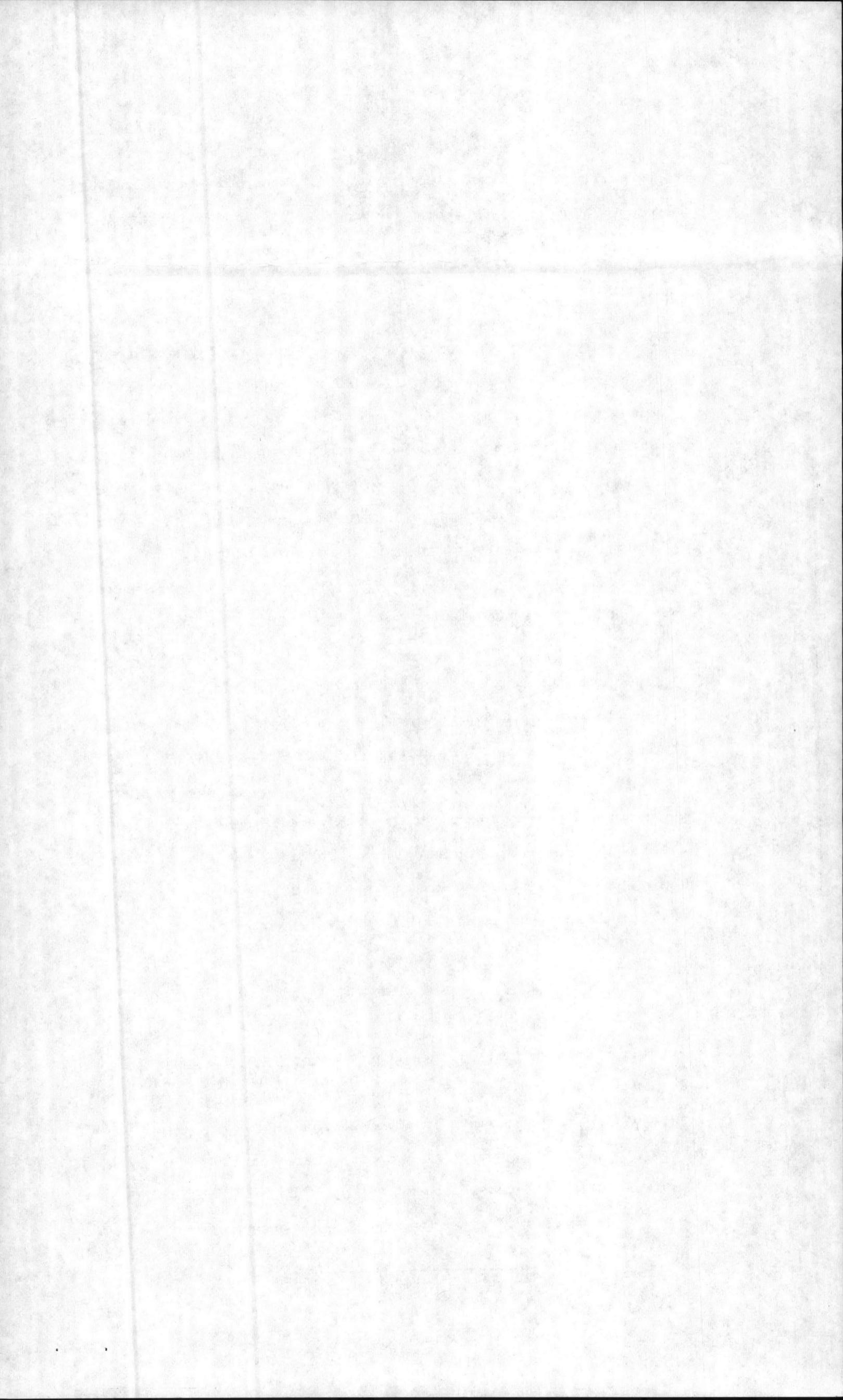
WHEREAS, the parties desire to agree on certain matters of mutual concern incident to such proposed construction and maintenance;

NOW, THEREFORE, the parties do hereby mutually understand and agree as follows:

1. Upon receipt from the STATE of a request that the GOVERNMENT transfer to the STATE the permanent easement for a limited access highway needed by the STATE for said section of N. C. Route 24, and after the hereinafter mentioned relocation and adjustments have been completed by the STATE and requisite approvals have been obtained, the GOVERNMENT will grant to the STATE the requested easement subject to the terms and conditions set forth herein.

2. The STATE shall, from time to time, as needed by the STATE to coincide with its construction plans, request from the GOVERNMENT Rights of Entry for the purpose of locating, relocating, adjusting and replacing the facilities described in section 3 below

ENCLOSURE



and of constructing, operating and maintaining N. C. Route 24 and its associated drainage systems on, over and under said lands of the GOVERNMENT. Said Rights of Entry shall be granted promptly after the STATE requests same; requisite approvals are obtained; and the final plans and specifications are approved as set forth in section 6.

3. The GOVERNMENT-owned facilities to be located, relocated, adjusted or replaced by the STATE are as follows:

A. Approximately 40 family housing units

B. Utility services for the relocated housing units including but not limited to the following:

1. Water lines

2. Fire hydrants

3. Gas system

4. Electric distribution system with transformers and street lights

5. Fire alarm system

6. Telephone lines

7. Sanitary sewer lines

C. Paving of streets, parking areas and sidewalks

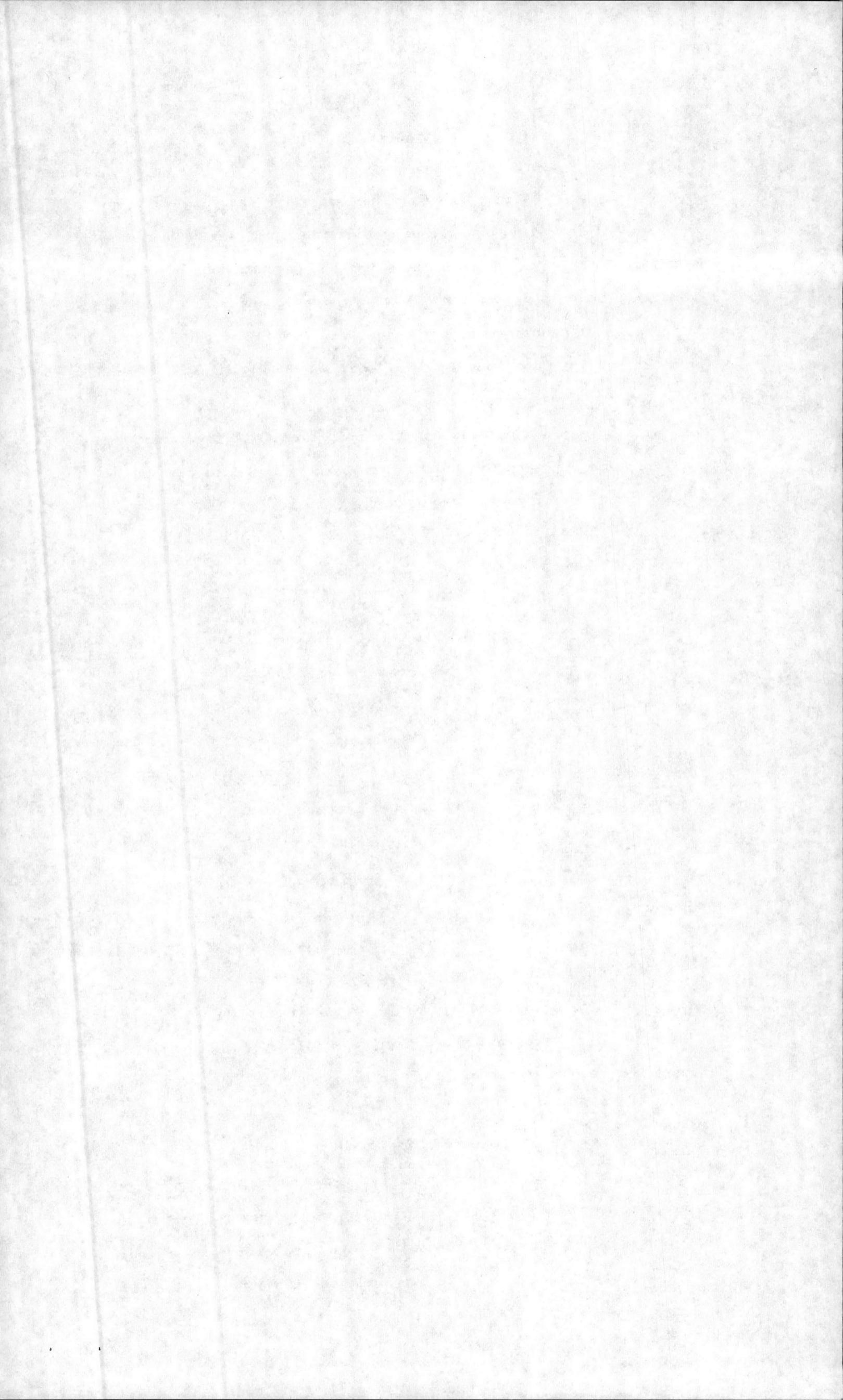
D. Utility services at the Main Gate

E. Sentry booth

F. Fencing

G. All other GOVERNMENT-owned facilities which are within the proposed right-of-way for N. C. Route 24 and its drainage facilities, or which will be affected by the construction of N. C. Route 24 and its drainage facilities.

4. The STATE shall complete the location, relocation, adjustment or replacement of the facilities mentioned in section 3 above and of any other GOVERNMENT utility lines which may interfere with the proposed construction of N. C. Route 24 before commencing the construction, operation or maintenance of any section of N. C. Route 24 affecting any such facilities.



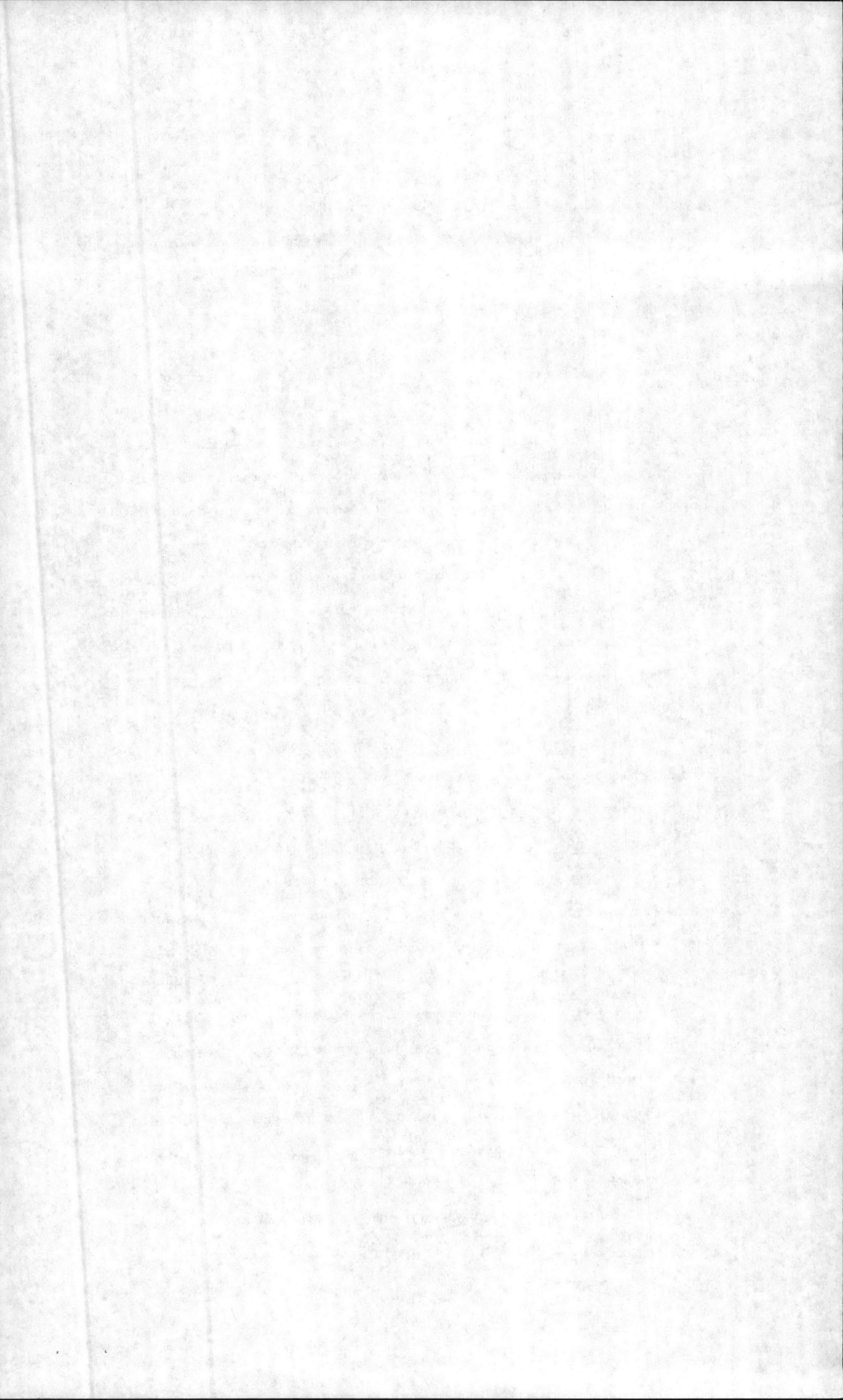
5. The GOVERNMENT-owned facilities described in section 3 above, as relocated, adjusted and replaced shall be and remain the exclusive property of the GOVERNMENT, and no charge shall be made at any time for the use of the highway right-of-way, if any, occupied by said facilities or for the privilege of or right to repair, use, reconstruct, maintain or operate said facilities. Upon completion of said relocation, adjustment and replacement, the GOVERNMENT will abandon the replaced portions of its afore-described facilities and same will become the property of the STATE.

6. All work in connection with the location, relocation, adjustment and replacement of the facilities described in section 3 above and the construction of said section of N. C. Route 24 shall be done by the STATE without cost or expense to the GOVERNMENT. The final plans and specifications for construction of said section of N. C. Route 24 and facilities pertinent thereto and for location, relocation, replacement or adjustment of facilities necessitated by the construction of said section of N. C. Route 24 shall be approved by the GOVERNMENT prior to the granting of the aforesaid rights of entry affecting such facilities. All changes to said plans and specifications shall be approved by the GOVERNMENT prior to work commencing thereunder.

7. All rights granted to the STATE by the GOVERNMENT are effective only insofar as the rights of the GOVERNMENT in the affected property are concerned and shall be subject to all existing permits, easements, utilities, and other improvements located within the affected property, or as relocated therein. The STATE shall obtain from others such additional rights as may be necessary.

8. The GOVERNMENT'S property shall be protected at all times by necessary and adequate fencing and gates so that the security of the military establishment may be maintained.

9. All property of the GOVERNMENT damaged or destroyed by the STATE incident to the location, relocation, adjustment or



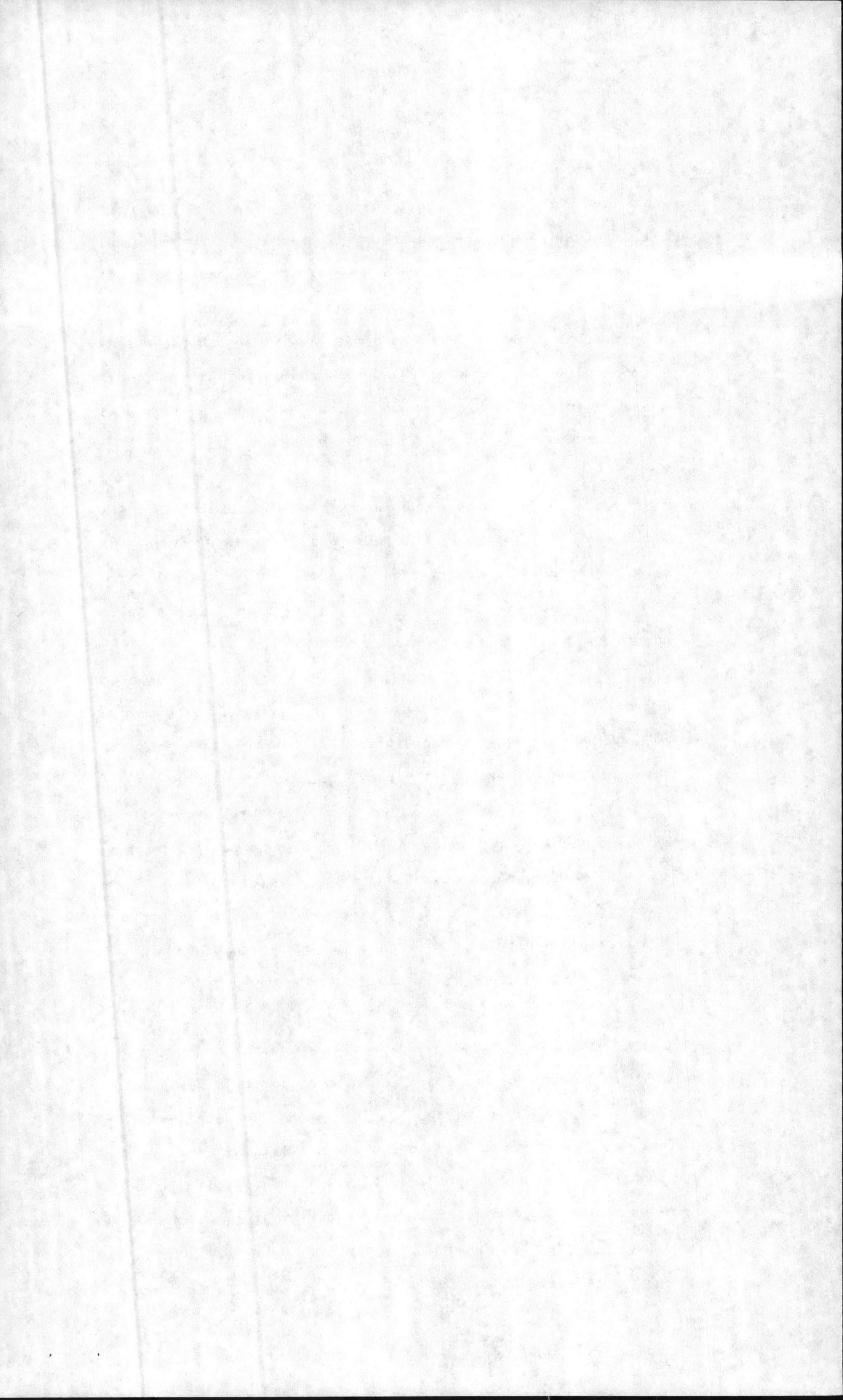
replacement of said facilities and the construction of said section of N. C. Route 24, shall be promptly repaired, replaced or relocated by the STATE to the satisfaction of and in accordance with plans and specifications to be approved by the GOVERNMENT, or in lieu of such repair, replacement or relocation, the STATE shall, if so required by the GOVERNMENT, pay to the GOVERNMENT money in an amount sufficient to compensate for the loss sustained by the GOVERNMENT by reason of damage to or destruction of GOVERNMENT property.

10. The STATE shall protect all GOVERNMENT-owned and all private and public-owned utilities located within the affected property. During the construction period, the STATE shall minimize as much as possible all interruption to all utilities serving the GOVERNMENT, and shall assure that the normal drainage of surface water is maintained.

11. The STATE shall insure that adequate access to and from the NAVY'S property is maintained at all times during the construction period so that traffic flows without interruption or delay.

12. The GOVERNMENT reserves the right of access to and from said section of N. C. Route 24 at Holcomb Boulevard, Butler Drive South, and at a location easterly thereof into the midway Park Housing Area. In addition, the GOVERNMENT reserves access to, from, over and across all areas to be conveyed to the STATE for Drainage Easements.

13. The GOVERNMENT reserves the right to construct, from time to time, grade separation crossing structures or pedestrian crossing structures over or under said section of N. C. Route 24 at such points as it may deem necessary; provided such structures shall be constructed in accordance with standards for the National System of Interstate and Defense Highways, approved by the Department of Transportation, Federal Highway Administration. The GOVERNMENT also reserves the right to cross over and/or under



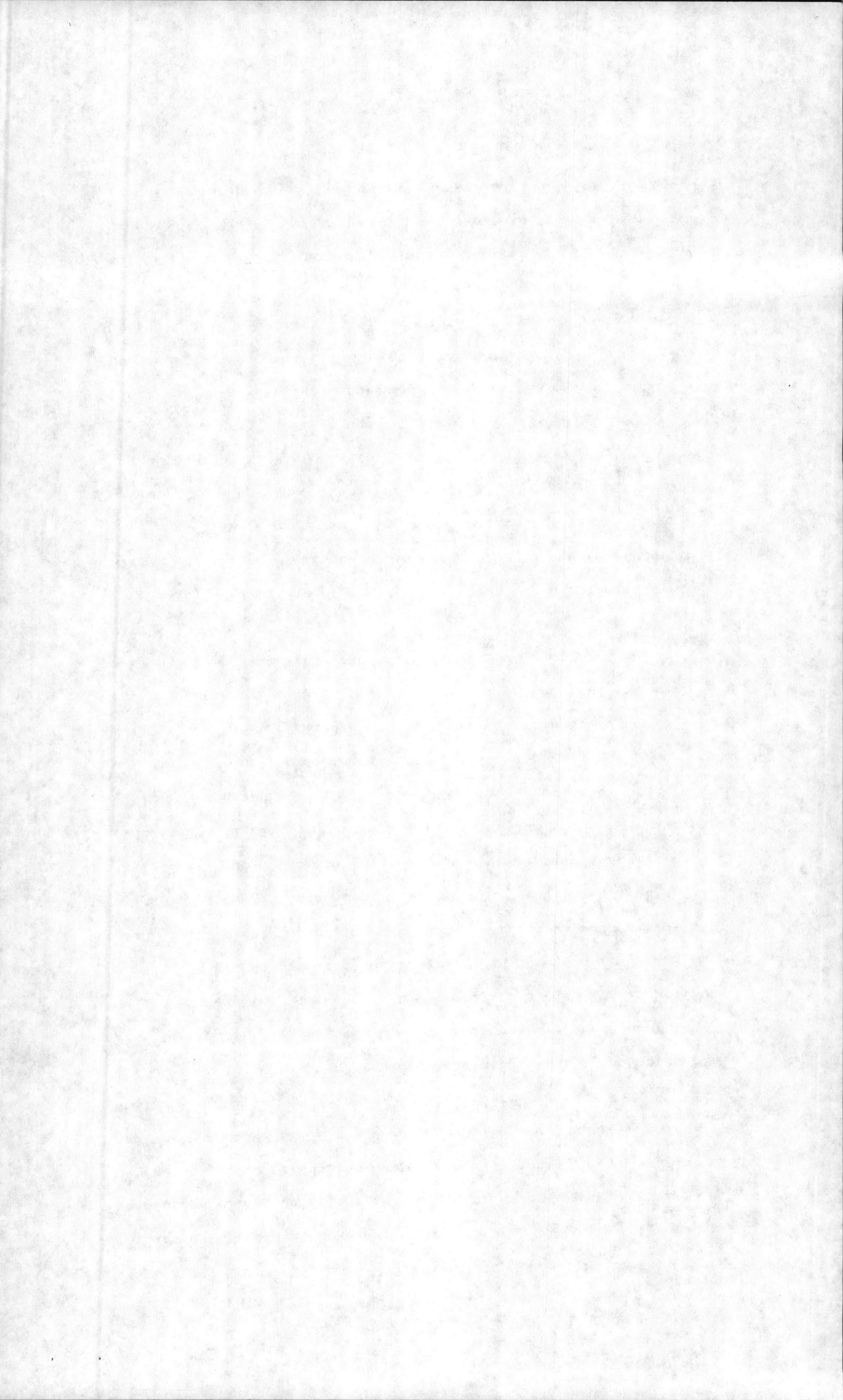
said section of N. C. Route 24 with utility lines and related facilities; provided, however, such rights shall be exercised in accordance with regulations issued by the Secretary of Transportation and policies adopted by the Federal Highway Administrator, and that the GOVERNMENT gives advance notice to the STATE'S local Resident or District Engineer.

14. The GOVERNMENT reserves the right, during any present or future emergency declared by the President or Congress of the United States, to enter and exit directly to and from said section of N. C. Route 24 from the abutting GOVERNMENT-owned land, including the right to construct temporary direct entrances and exits, crossings at grade, or sub-standard grade-separation structures, including acceleration and deceleration lanes; provided that all such temporary facilities shall, subject to availability of appropriations, be removed within a reasonable time after official termination of the emergency.

15. The STATE shall at all times maintain N. C. Route 24 and its drainage facilities in good condition and shall promptly make all repairs thereto needed to preserve a smooth-surface highway.

16. All or any part of said easement to be granted by the GOVERNMENT to the STATE may be terminated by the Secretary of the Navy for failure to comply with any or all of the terms or conditions of said easement, or for nonuse of a two-year period or abandonment of rights granted.

17. Prior to commencement of work by the STATE under the rights of entry mentioned in section 2 hereof, the STATE will confer with the Commanding General, Marine Corps Base, Camp Lejeune, or his designated representative to assure compliance by the STATE with such rules and regulations as may be prescribed by the GOVERNMENT concerning security, ingress and egress to and from the GOVERNMENT property, and to assure that the exercise of the rights granted in the right of entry shall not interfere with the GOVERNMENT'S activities.

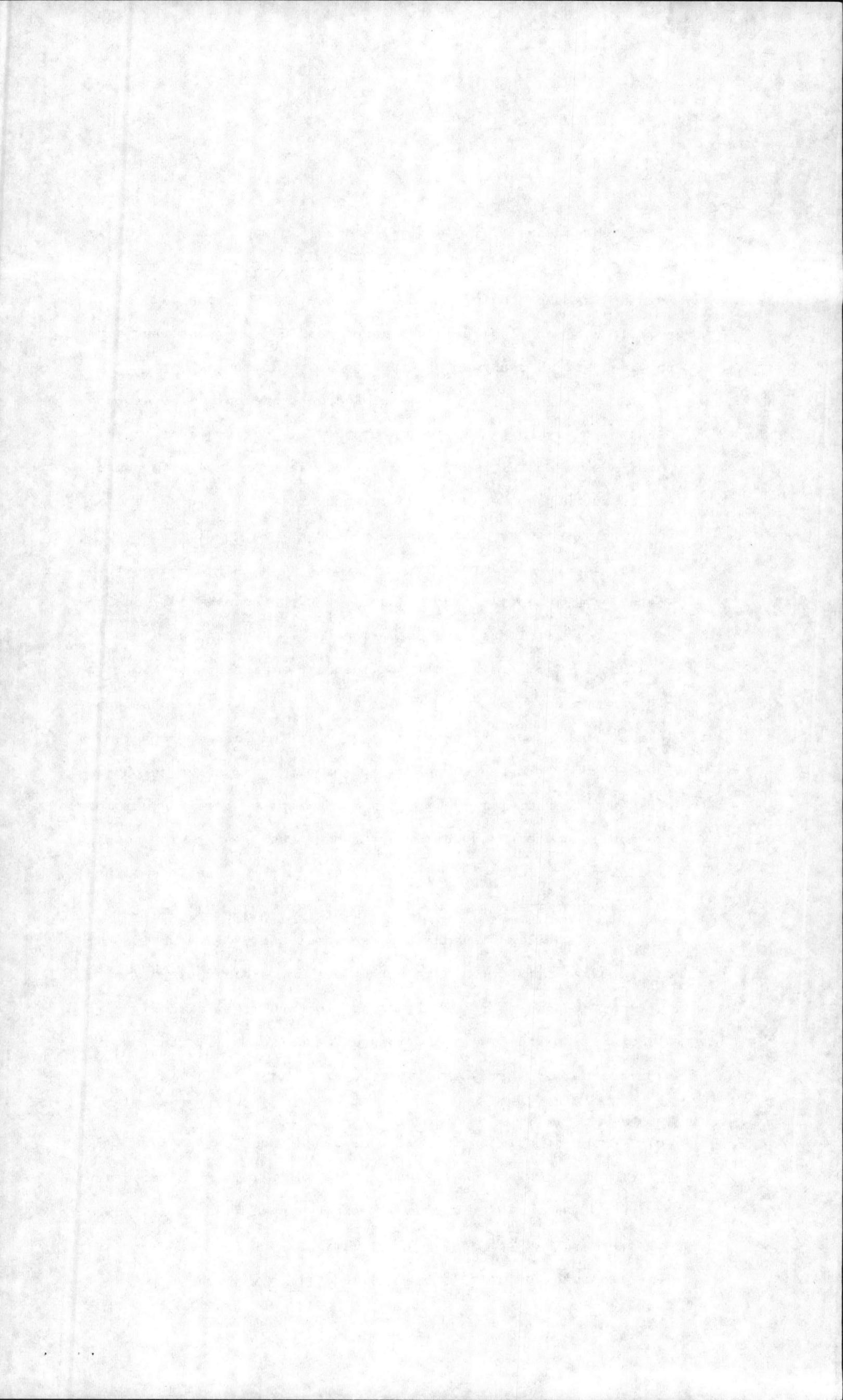


18. The STATE will perform at its sole cost and expense necessary testing and sterilization of the GOVERNMENT'S relocated water lines mentioned in section 3 and any other affected water lines and will similarly perform necessary testing of the GOVERNMENT'S relocated sewer mains mentioned in section 3 and any other affected sewer mains.

19. The location, relocation, adjustment or replacement of the facilities mentioned in section 3, and the testing and sterilization mentioned in section 18, shall be subject to inspection and approval by the GOVERNMENT, which will perform such inspection work at the sole cost and expense of the STATE.

20. The STATE shall pay to each family all reasonable costs associated with obtaining temporary lodging necessary for persons displaced, associated with moving and storage of household furnishings, and associated with all other related expenses incurred as a result of the relocation of said family housing units; provided, however, that the STATE and the GOVERNMENT may agree in advance of any such relocation the amount of money which shall be deemed reasonable reimbursement for each family for the costs it incurs. Each family is to be treated as a separate case in determining the reasonableness of such payments by the STATE. In addition, the STATE shall reimburse each family for any of its personal property which is damaged or destroyed as a result of the relocation of said family housing units. The STATE plans to relocate with adeptness each housing unit and its contents within the daylight hours of a single day, and, thus, minimize the necessity of making any such payments.

21. No Member of or Delegate to Congress or Resident Commissioner shall be admitted to any share or part of this Agreement, or to any benefit to arise therefrom. Nothing, however, herein contained shall be construed to extend to any incorporated company, if the Agreement be for the general benefit to such corporation or company.



IN WITNESS WHEREOF, the parties hereto have caused this  
MEMORANDUM OF UNDERSTANDING to be executed by their authorized  
representatives, as of the date hereinabove set forth.

UNITED STATES OF AMERICA

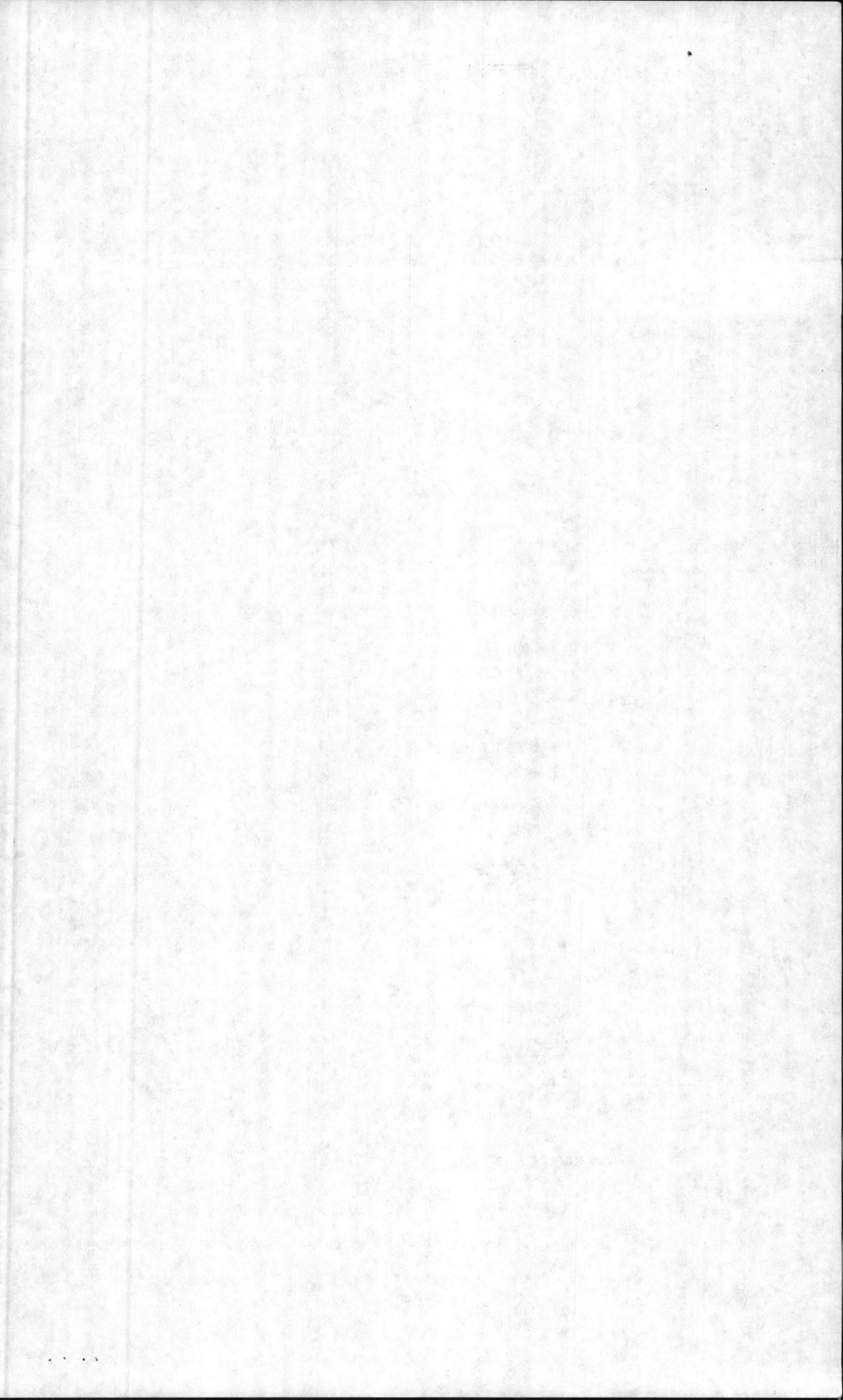
By /s/ R. C. Williams  
By direction of the Commander,  
Naval Facilities Engineering  
Command, acting under the  
direction of the Secretary of  
the Navy

STATE HIGHWAY COMMISSION

ATTEST:

/s/ Mytle R. Wall

By /s/ G. S. Willoughby Jr.



**INDEX OF SHEETS**

Sheet No. 1.	Title Page
" 2.	STANDARD DRAWINGS
" 3.	ESTIMATE OF QUANTITIES
" 4.	SANITARY SEWER PLANS
" 5.	WATER LINE PLANS
" 6.	ELECTRICAL AND FIRE ALARM PLANS

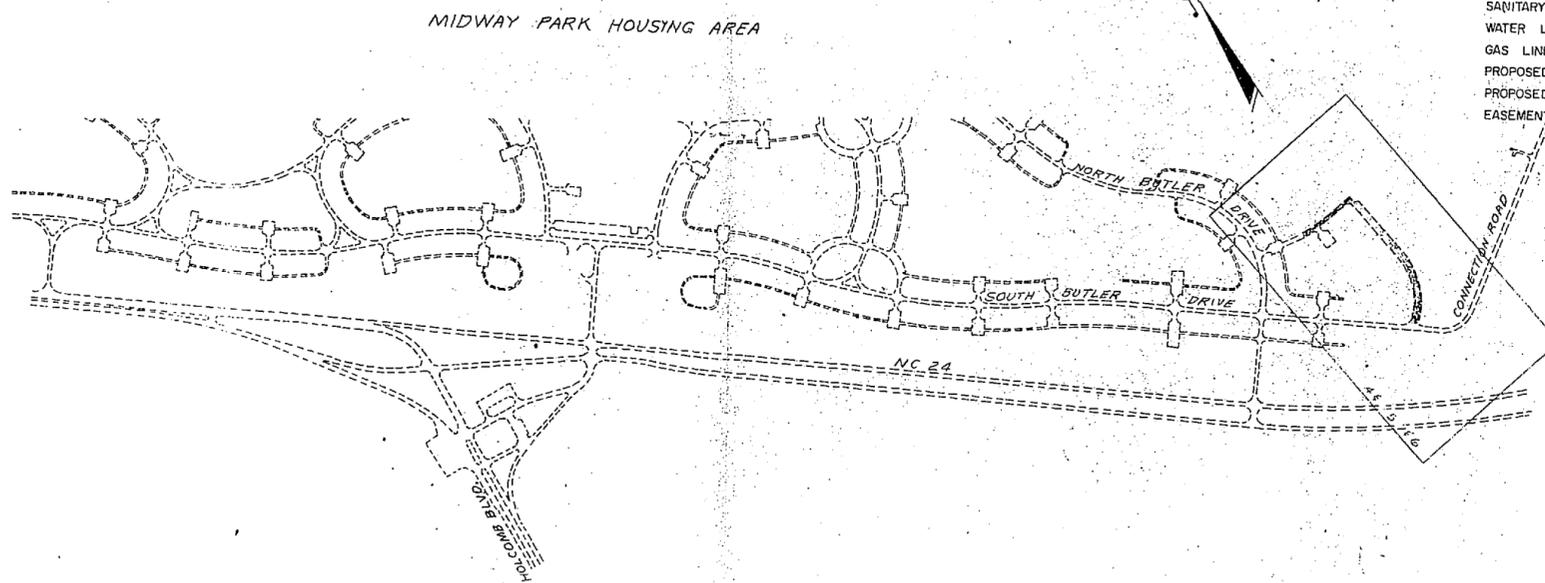
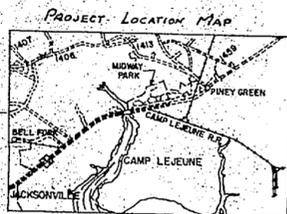
STATE OF NORTH CAROLINA  
STATE HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY

**ON SLOW COUNTY**

UTILITIES CONSTRUCTION IN MIDWAY PARK HOUSING AREA AT CAMP LEJEUNE.  
THIS CONTRACT CONSISTS OF WATER LINE, SEWER LINE, POWER LINE & FIRE ALARM SYSTEM CONSTRUCTION.

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	6.801743	1	6
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
6.801743		PE & UTILITIES	



**CONVENTIONAL SIGNS**

County Line	-----
CITY OR TOWN LINE	-----
EXIST. RIGHT OF WAY LINE	-----
<b>Right of Way Line</b>	-----
Survey Line	-----
PROPERTY LINE	-----
EXIST. FENCE	-----
<b>Proposed Road</b>	-----
Existing Road	-----
Railroad	-----
Control of Access Line	-----
Slope Stake Line	-----
Bridge	-----
Culvert	-----
Woods	○ ○ ○ ○ or -----
Telephone or Telegraph Pole	-----
Tower Pole and Line	-----
Power Pole	-----
<b>Proposed Right of Way Marker</b>	▲
Existing Right of Way Marker	△
Guard Rail	-----
SANITARY SEWER LINE	SS SS
WATER LINE	W W
GAS LINE	GAS
PROPOSED WOVEN WIRE FENCE	○ ○ ○ ○
PROPOSED CHAIN LINK FENCE	□ □ □ □
EASEMENT LINE	E E

APPROVED: *John H. Davis*  
CHIEF ENGINEER

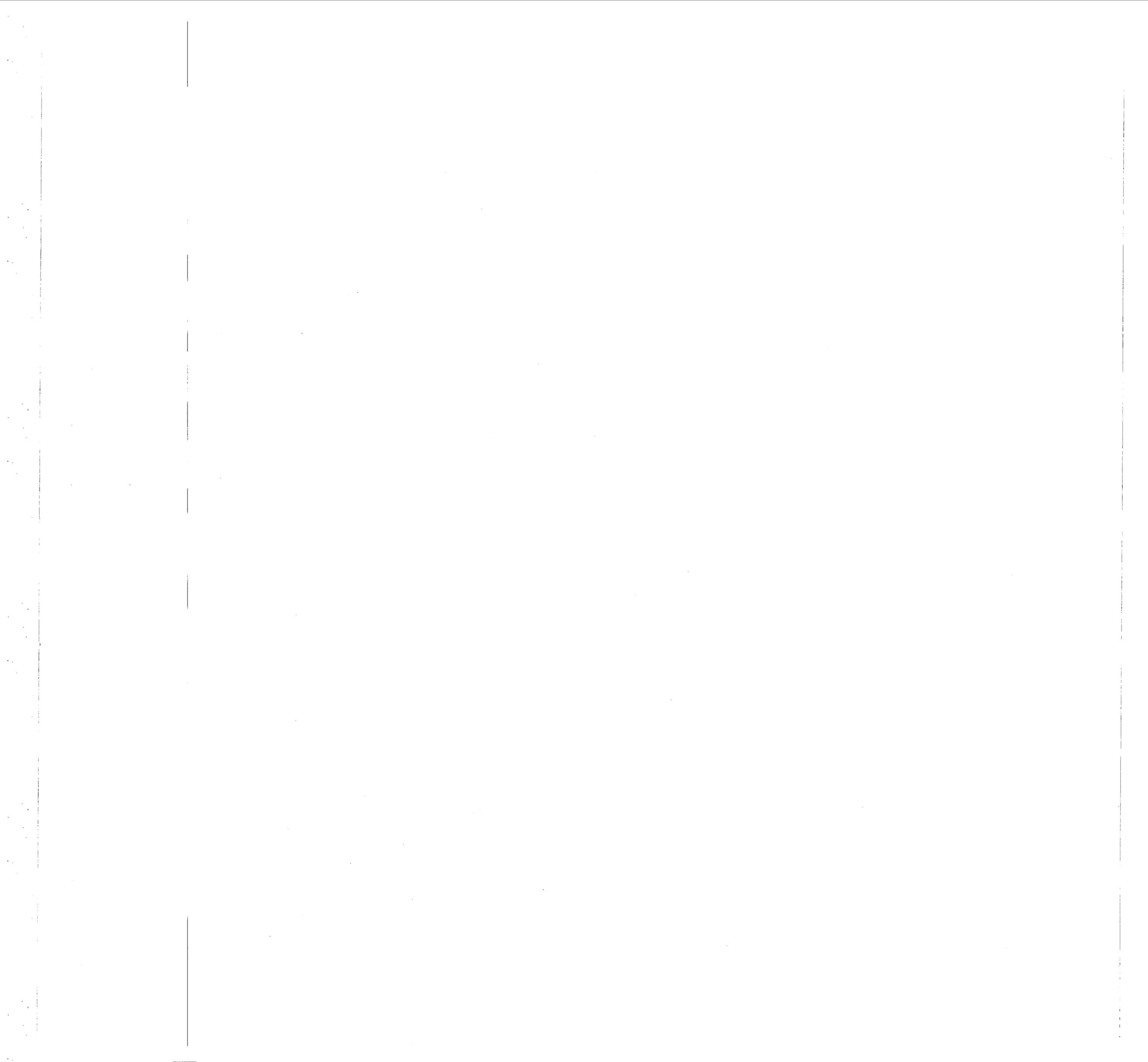
DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: \_\_\_\_\_  
DIVISION ENGINEER      DATE

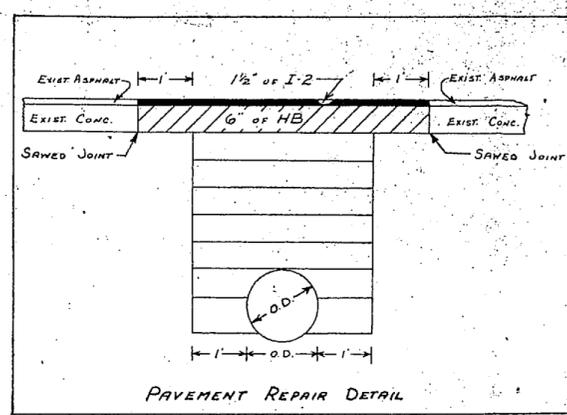
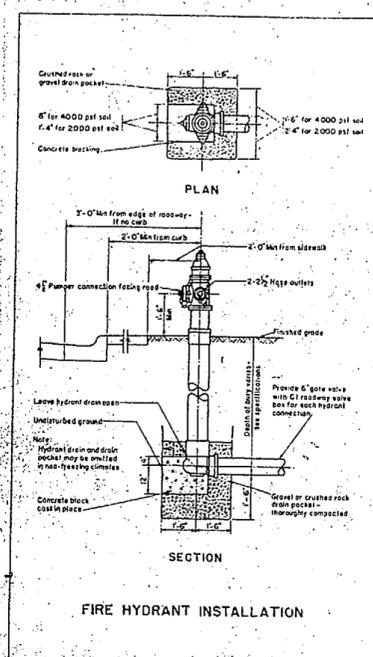
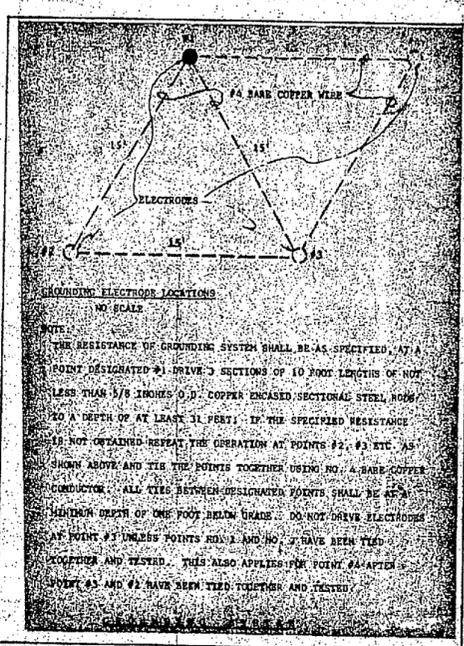
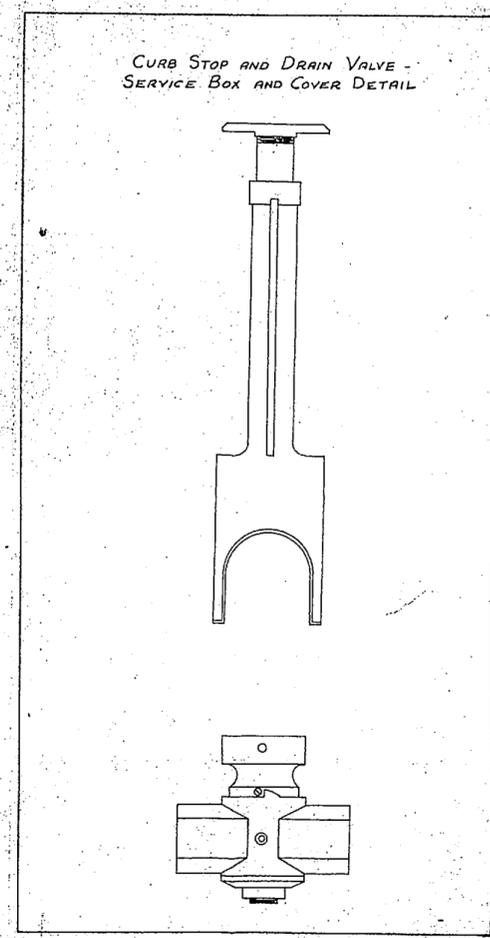
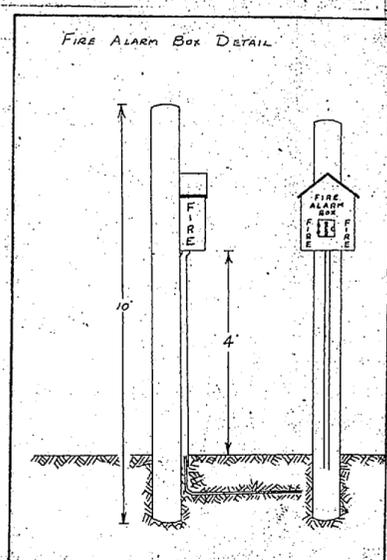
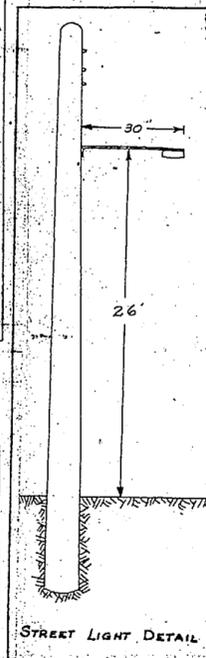
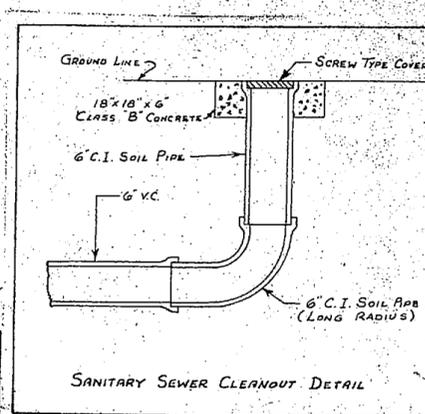
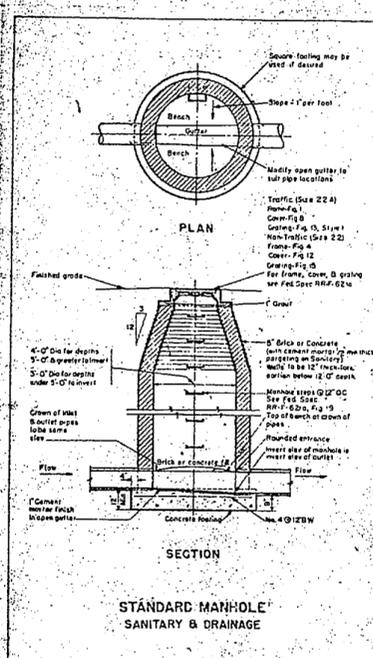
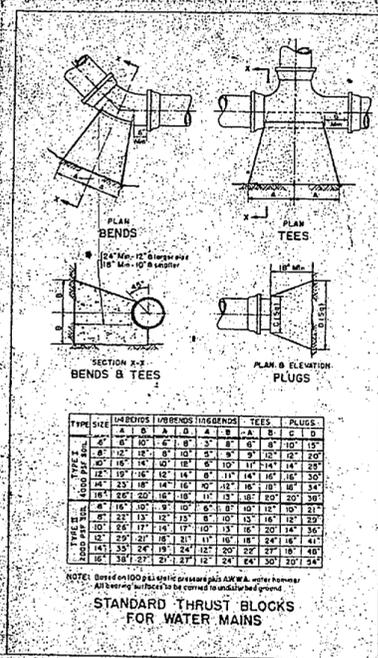
Prepared in Office of  
STATE HIGHWAY COMMISSION  
RALEIGH, N. C.

Reviewed by:  
Prepared by:  
Date: MARCH 1972

1965 REV.  
State Standard Specifications



PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
6.801743	2	6
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION



2  
1

NORTH CAROLINA  
STATE HIGHWAY COMMISSION  
RALEIGH, N. C.

**STANDARD DRAWINGS**  
FOR  
PROPOSED WATER LINES, SANITARY  
SEWER LINES, EXTERIOR ELECTRICAL  
SYSTEM AND FIRE ALARM SYSTEM  
FOR  
RELOCATED HOUSES AT MIDWAY PARK, CAMP LEASONS

PROJECT NO. 6.801743  
OFFICE OF DESIGN ENGINEER, RALEIGH, N. C.

DRAWN BY: \_\_\_\_\_ FILE NO. \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_







PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
6.801743	4	6
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

GENERAL NOTES:

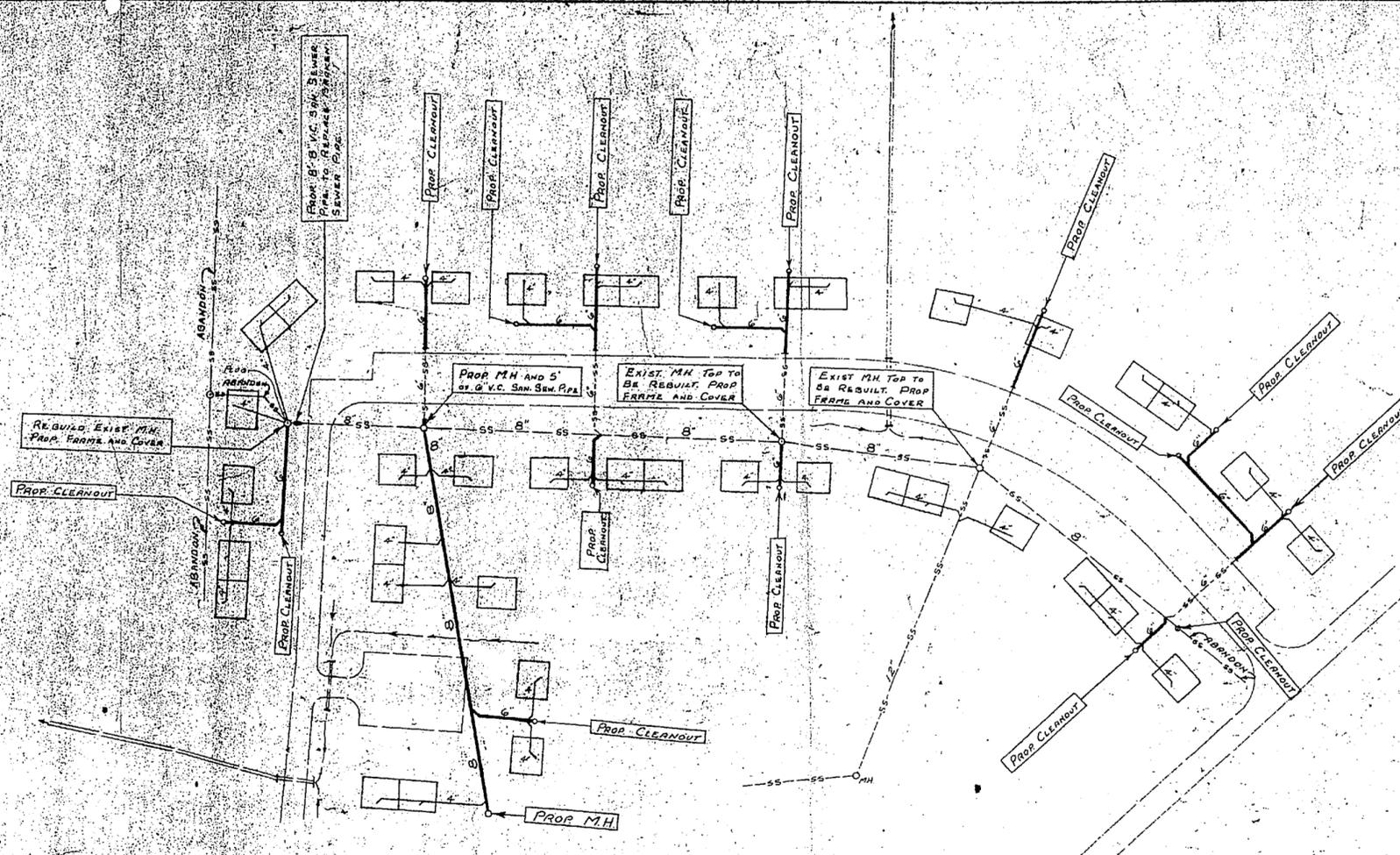
THE CONTRACTOR WILL BE REQUIRED TO INSTALL 4 INCH VC SEWER HOUSE SERVICE, LATERALS, AND 6 INCH VC SEWER DISTRIBUTION LINES TO THE EXISTING 6 INCH AND 8 INCH SEWER SYSTEM, TO UPGRADE THE SYSTEM TO ACCEPTABLE STANDARDS. SPECIAL CLEAN OUTS SHALL BE CONSTRUCTED AS SHOWN. ALL DAMAGED SEWER MANHOLES SHALL BE REBUILT, AND ALL MANHOLES SHALL BE FITTED WITH CAST IRON MANHOLE RINGS AND COVERS. ALL EXISTING, DAMAGED SEWER PIPE SHALL BE REPLACED.

THE RESIDENT ENGINEER WILL STATE THE LOCATION OF THE DWELLINGS IN ORDER FOR THE CONTRACTOR TO PLACE THE HOUSE SEWER SERVICE LATERAL TO WITHIN 3 FEET HORIZONTALLY OF THE FINAL TIE-IN POINT OF EACH DWELLING.

ALL TERMINAL ENDS OF SEWER PIPE TO SERVE THE RESPECTIVE DWELLING SHALL BE TEMPORARILY PLUGGED. THE RESIDENT ENGINEER WILL REFERENC THE ENDS OF UTILITY LINES FOR THE BENEFIT OF THE HOUSE MOVING CONTRACTOR.

MINIMUM GRADES FOR PROPOSED SANITARY SEWER PIPE:

SIZE	MIN. GRADE
8"	0.4%
6"	0.6%
4"	1.0%

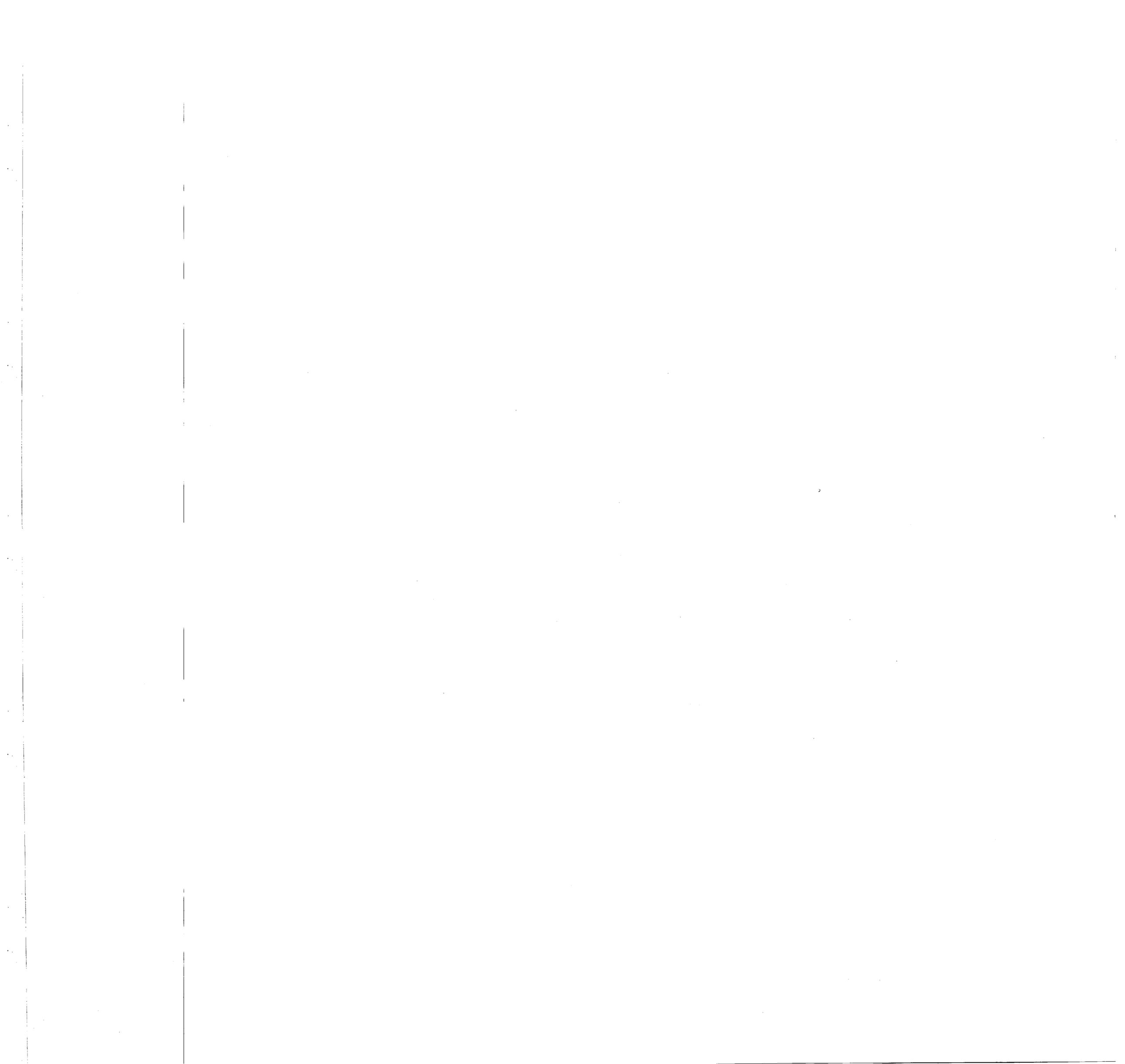


LEGEND

EXISTING SANITARY SEWER LINE --- SS --- SS ---  
 PROPOSED SANITARY SEWER LINE —————

SCALE 1" = 50'

2	
1	
NORTH CAROLINA STATE HIGHWAY COMMISSION, RALEIGH, N. C.	
<b>PROP SANITARY SEWER</b> For Relocated Houses at Moway Park, Camp Lejeune PROJECT NO. 6.801743	
<small>DATE OF DESIGN ENGINEER, RALEIGH, N. C.</small>	
<small>DRAWN BY: _____</small>	
<small>CHECKED BY: _____</small>	







PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
16.801743	6	6
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

## LEGEND

- E<sub>3</sub> PRIMARY 2.4/4.16 KV. SUBSCRIPT FOR NUMBER OF PHASES (3 Ø & N)
- PRIMARY CONDUCTORS SHALL BE #4 M.H.C. BARE COPPER WIRE.
- BETWEEN POINTS "B" AND "D", "E" AND "F", AND "E" AND "G", THE PRIMARY CIRCUIT SHALL BE VERTICAL CONSTRUCTION USING POLE TOP PINS AND THE SECONDARY NEUTRAL AS A COMMON NEUTRAL. THE PRIMARY NEUTRAL AND COMMON NEUTRAL SHALL BE INSTALLED IN THE SECONDARY POSITION THROUGHOUT.
- W SECONDARY 120/240 V NO. COND. INDICATED
- SECONDARY CONDUCTORS SHALL BE SIZE 1/0 INCLUDING COMMON NEUTRAL.
- A EXISTING FIRE ALARM CABLE
- FA PROP. FIRE ALARM CABLE - DIRECT RUN E/C #14 (2" DEEP AND 4" FROM EDGE OF PAVEMENT)
- EXIST. FIRE ALARM BOX
- PROP. FIRE ALARM BOX
- ⊙ PROP. 10' STUP POLE (TO MOUNT FIRE ALARM BOX)
- PROP. 3/8" HIGH STRENGTH GALVANIZED WIRE 100' GUY 1/8" ANCHOR
- Δ PROP. TRANSFORMER 1 Ø, 25 KVA, 2.4KV - 120/240V
- ONE 7.5 KV, 100 A HEAVY DUTY CIRCUT AND ONE 3KV DROP CL. TYPE LIGHTNING ARRESTER AT EACH TRANSFORMER LOCATION.
- TRANSFORMER GROUND RESISTANCE - 10 OHMS
- PROP. NEW 40' CL. 3 C.P. POLE, UNLESS NOTED OTHERWISE.
- EXISTING POLE
- ⊙ PROP. MERCURY VAPOR LUMINAIRE, POLE MTD., 175 W.
- PROP. SERVICE DROP 3 - #4W.P.
- SA SINGLE CROSSARM
- DA DOUBLE CROSSARM
- DAB DOUBLE CROSSARM BLCK
- DADE DOUBLE CROSSARM DEADEND

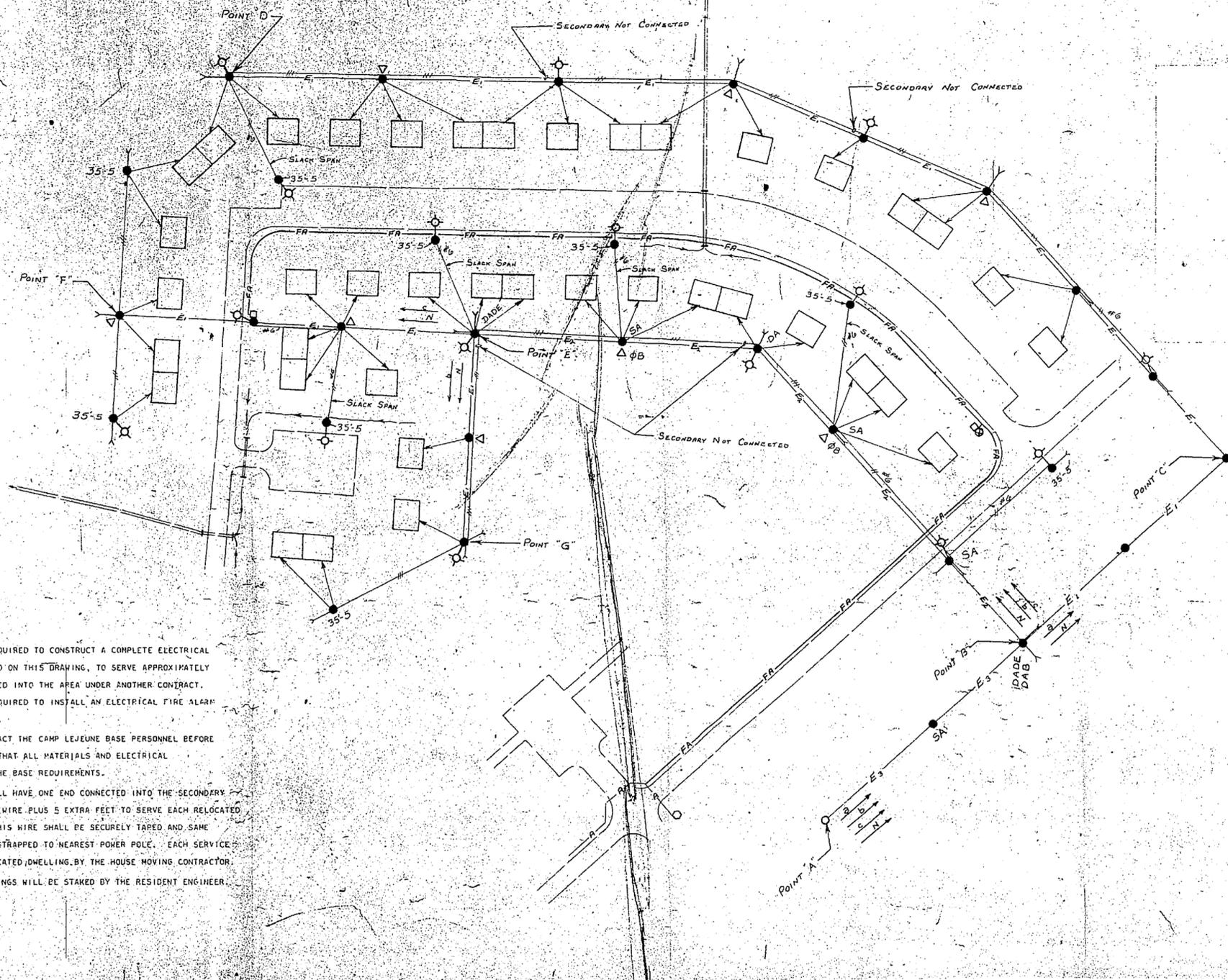
### GENERAL NOTES:

THE CONTRACTOR WILL BE REQUIRED TO CONSTRUCT A COMPLETE ELECTRICAL DISTRIBUTION SYSTEM AS OUTLINED ON THIS DRAWING, TO SERVE APPROXIMATELY 40 DWELLINGS WHICH WILL BE MOVED INTO THE AREA UNDER ANOTHER CONTRACT. THE CONTRACTOR WILL ALSO BE REQUIRED TO INSTALL AN ELECTRICAL FIRE ALARM SYSTEM AS SHOWN ON THE DRAWING.

THE CONTRACTOR SHALL CONTACT THE CAMP LEJEUNE BASE PERSONNEL BEFORE SUBMITTING FINAL BID IN ORDER THAT ALL MATERIALS AND ELECTRICAL INSTALLATION WORK SHALL MEET THE BASE REQUIREMENTS.

ALL SERVICE DROP WIRE SHALL HAVE ONE END CONNECTED INTO THE SECONDARY LINES WITH NECESSARY LENGTH OF WIRE PLUS 5 EXTRA FEET TO SERVE EACH RELOCATED DWELLING. THE OTHER ENDS OF THIS WIRE SHALL BE SECURELY TAPED AND SAME NEATLY ROLLED AND TEMPORARILY STRAPPED TO NEAREST POWER POLE. EACH SERVICE DROP WILL BE CONNECTED TO RELOCATED DWELLING BY THE HOUSE MOVING CONTRACTOR.

THE LOCATION OF ALL DWELLINGS WILL BE STAKED BY THE RESIDENT ENGINEER.



SCALE 1" = 50'

2	
1	
NORTH CAROLINA STATE HIGHWAY COMMISSION RALEIGH, N. C. <b>PROPOSED EXTERIOR ELECTRICAL          AND FIRE ALARM WORK</b> FOR RELOCATED HOUSES AT MIDWAY PARK CAMP LEJEUNE <b>PROJECT NO. 6.801743</b> OFFICE OF DESIGN ENGINEER, RALEIGH, N. C.	
DESIGNED BY:	FILE NO.
CHECKED BY:	

