

1. COMPONENT MARINE CORPS	19 <sup>88</sup>	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 10 Jan 86
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3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542	4. PROJECT TITLE FIELD MAINTENANCE SHOP, FRENCH CREEK
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5. PROGRAM ELEMENT	6. CATEGORY CODE 214-53	7. PROJECT NUMBER P-256	8. PROJECT COST (\$000) \$3,050
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9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
FIELD MAINTENANCE SHOP	SF	20,000	-	1,670
Building	SF	20,000	71.00	(1,420)
Built-In Equipment	LS	-	-	(250)
Supporting Facilities	LS	-	-	1,068
Special Construction Features	LS	-	-	(100)
Pavements: Flexible and Rigid	SY	12,300	30.00	(369)
Utilities	LS	-	-	(150)
Site Improvements	LS	-	-	(125)
Security Fencing and Lighting	LS	-	-	(100)
Wash Aprons and Inspection Pit	SY	400	56.00	(224)
SUBTOTAL	LS	-	-	2,738
CONTINGENCY (5%)				137
TOTAL CONTRACT COST	LS			2,875
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)	LS			158
TOTAL REQUEST	LS			3,033
TOTAL REQUEST ROUNDED				3,050
EQUIPMENT PROVIDED BY OTHER APPROPRIATIONS				Non-Add

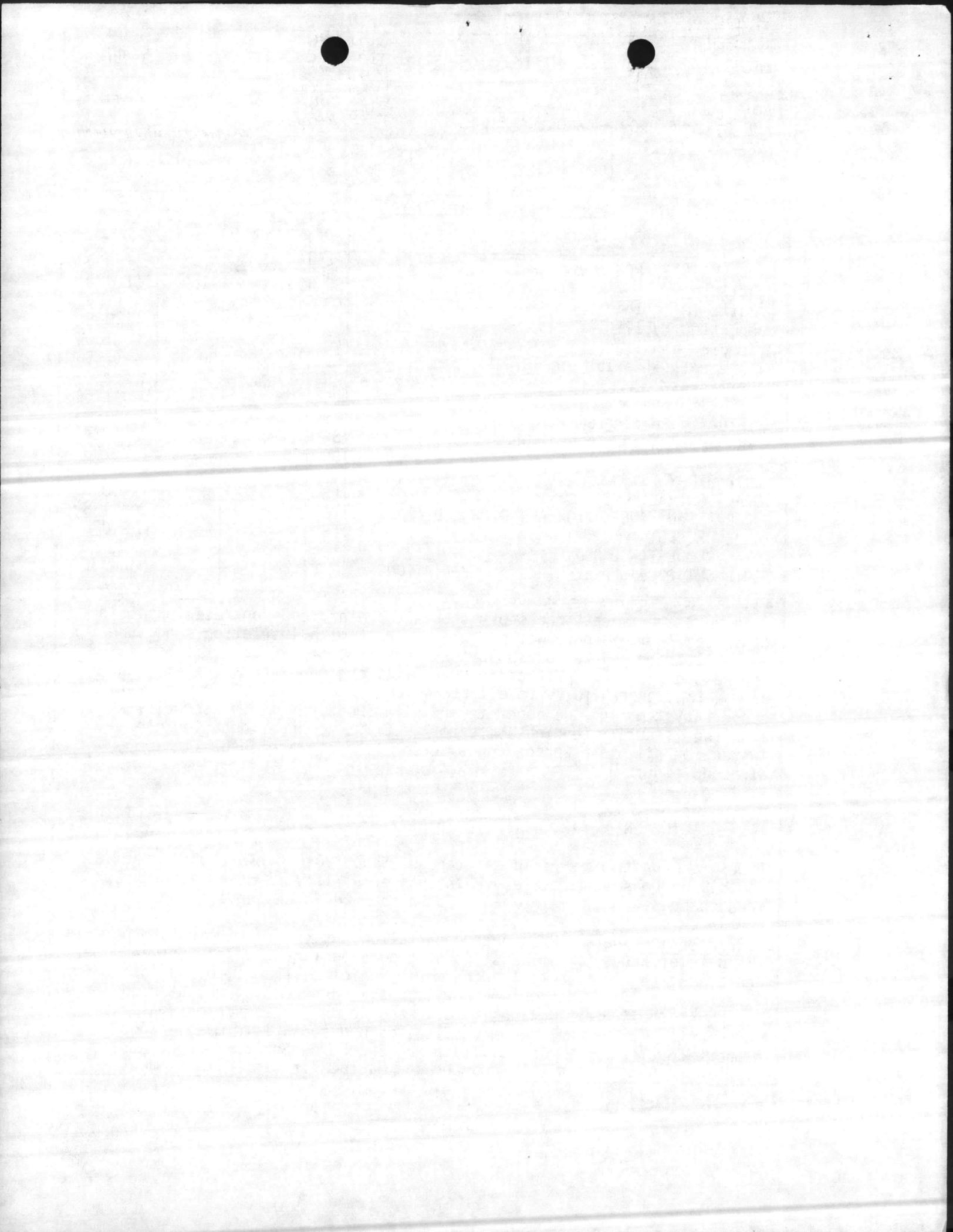
10. DESCRIPTION OF PROPOSED CONSTRUCTION  
 Construct a permanent one-story shop with reinforced concrete foundation, concrete floor, masonry walls, built-up roof with insulation, and structural steel frame. Interior support systems include air conditioning, steam, compressed air, fire protection, plumbing, engine exhaust system, lube dispensing, hydraulic vehicle lift and overhead bridge crane. Exterior support systems include concrete and bituminous pavements, security lighting, security fencing, site work, utility connections, vehicle inspection pit, wash aprons and exterior lube storage shed. (15 Ton air conditioning)

11. REQUIREMENT: 448,840 SF ADEQUATE: 0 SF SUBSTANDARD: 165,448 SF

PROJECT: Construct a Field Maintenance Shop (20,000 SF) a portion of a 448,840 SF Consolidated Field Maintenance Facility (3rd and 4th echelon maintenance) for 2nd Maintenance Battalion, 2d Force Service Support Group.

REQUIREMENT: The 2nd Maintenance Battalion has the requirement to perform field maintenance for all East Coast ground equipment which includes wheel and track vehicles (tank, light armored vehicles, trucks, etc.), ordnance repair (artillery and tank weaponry), heavy construction weight handling equipment (bulldozers, cranes, etc.), and communications/electronics equipment. The 2nd Maintenance Battalion provides field maintenance support for the 2nd Marine Division and 2nd Force Service Support Group located at Camp Lejeune, NC and the 2nd Marine Air Wing with elements

End (1)



1. COMPONENT  
MARINE CORPS | FY 19<sup>88</sup> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE  
10 Jan 86

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

FIELD MAINTENANCE SHOP, FRENCH CREEK

5. PROJECT NUMBER

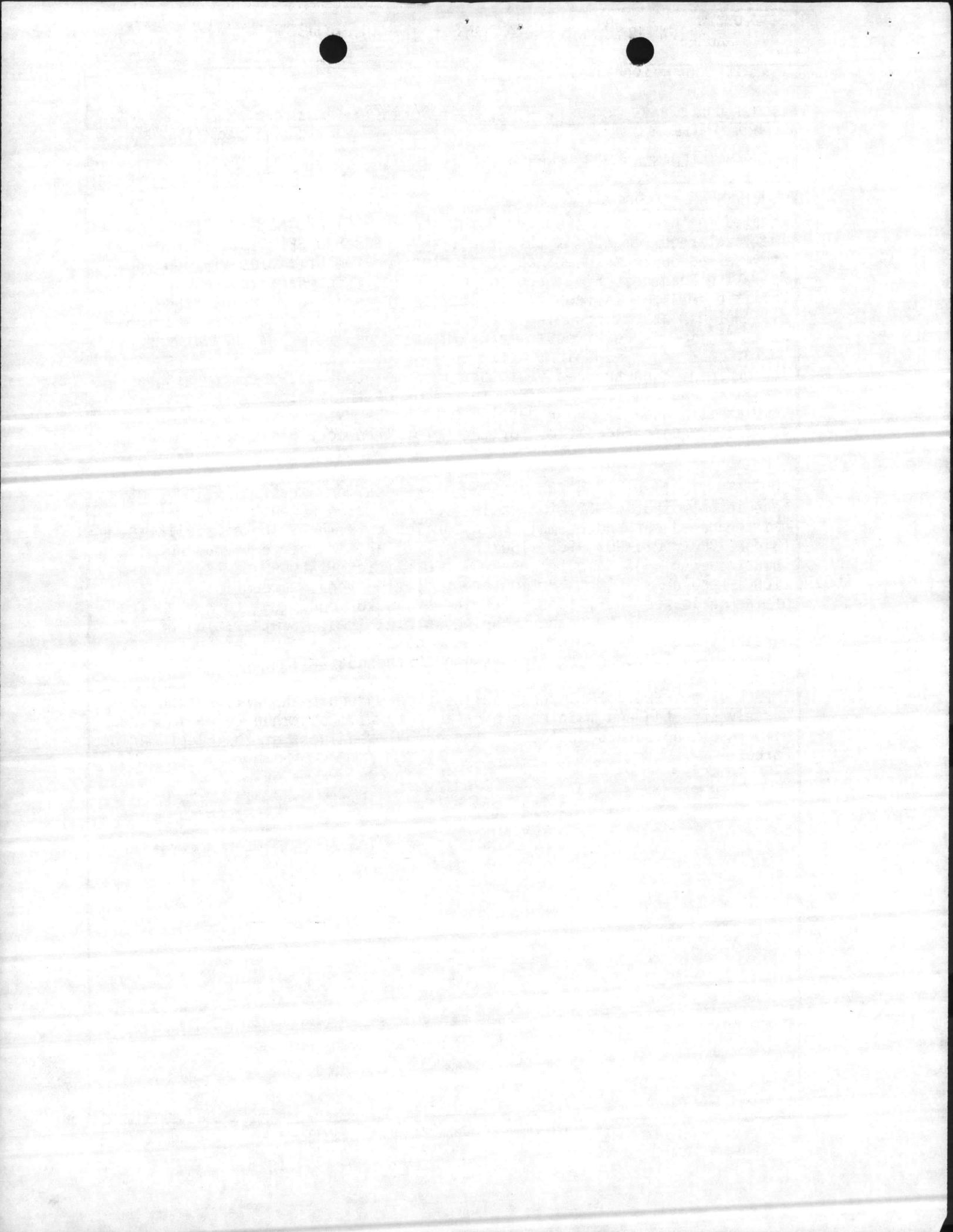
P-256

REQUIREMENT: (cont'd)

located in three areas; Cherry Point, NC; New River, NC; and Beaufort, SC. The total requirement for this facility is 448,840 SF. This increment provides adequate maintenance facilities for the Utilities Platoon and Operation Readiness Float Section of the 2nd Maintenance Battalion. The Utilities Platoon is required to provide organizational maintenance for all engineer assets organic to the battalion. The Operational Readiness Float Section is required to maintain major end items, mount-out and operational float equipment. Two subsequent increments will be required for ordinance and tracked vehicles field maintenance; they are planned for FY-89 and FY-90. The first increment of the Field Maintenance Complex is presently under development in the FY-87 MCON program and will provide adequate facilities for the Motor Transport Field Maintenance portion of this facility.

CURRENT SITUATION: The 2nd Maintenance Battalion performs field maintenance in only 165,448 SF of area in four converted warehouses, a WW-II maintenance depot and a small metal Butler building. These facilities, (Bldgs. 900, 901, 902, 905, 1607 and 1771) are scattered throughout the Industrial Area of Camp Lejeune. The Utilities Platoon and the Operational Readiness Float Section are utilizing repair areas in several of the indicated facilities. Staging areas for equipment to be repaired are also scattered throughout the Industrial Area. Scatteration of and makeshift substitute work spaces cause cumbersome and uncoordinated work efforts, severly hampering the mission of this Battalion.

IMPACT IF NOT PROVIDED: The deadline time on equipment will remain adversely affected and maintenance capability will continue to be impaired with resulting adverse affect on the combat readiness of the Fleet Marine Force.



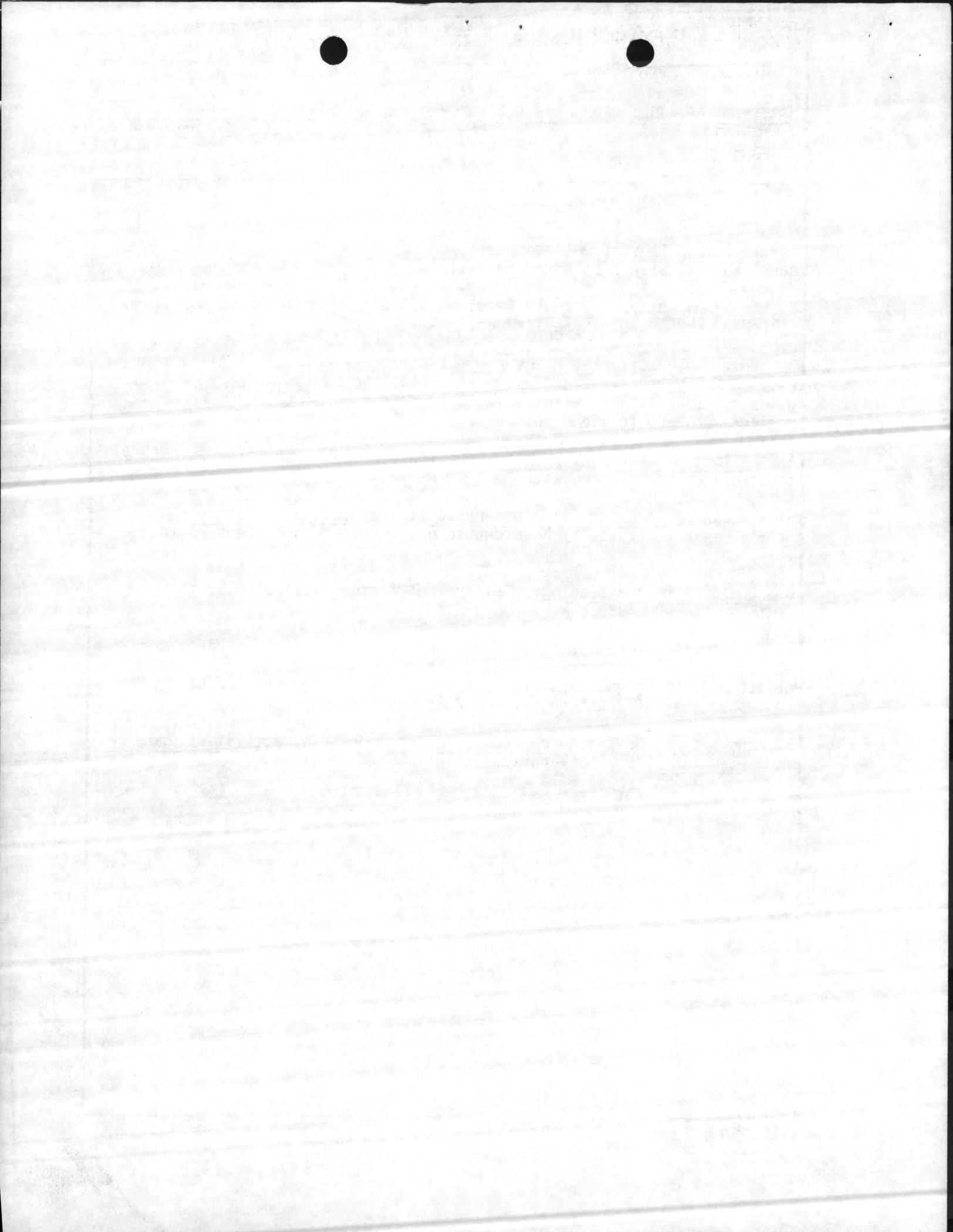
3. INSTALLATION AND LOCATION  
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE  
FIELD MAINTENANCE SHOP

5. PROJECT NUMBER  
P-256

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.



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MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE  
FIELD MAINTENANCE SHOP

5. PROJECT NUMBER  
P-256

FACILITY STUDY

1. Project: Provide a 20,000 SF Maintenance Shop for the Utilities Platoon and Organizational Readiness Float Section of the 2nd Maintenance Battalion, 2nd Force Service Support Group. A portion of a planned Field Maintenance Complex totaling 448,840 SF.

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 shops. The organization is responsible for performing third and fourth echelon maintenance on equipment assigned to the 2nd Marine Division (FMF); Marine Corps Air Station, New River; and 2nd Force Service Support Group (REIN). The future workload is difficult to project; however, it is expected to increase as the present equipment becomes older and the new items are introduced into the system.

3. Description of Proposed Organization:

a. Type of Construction: Permanent one-story maintenance shop on pilings, reinforced concrete foundations, floors, masonry walls, built-up roof, insulation, interior utilities, and air conditioning. Rigid and flexible walks and parking pavements, site improvements, exterior utilities, etc.

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 Facility: Modular reinforced concrete/masonry structure on pile foundation, air conditioning, compressed air and lube system, bridge crane, hydraulic vehicle lift and engine exhaust system. Exterior utility connections, pavements, wash aprons, inspection pit, lube storage shed and site improvements.

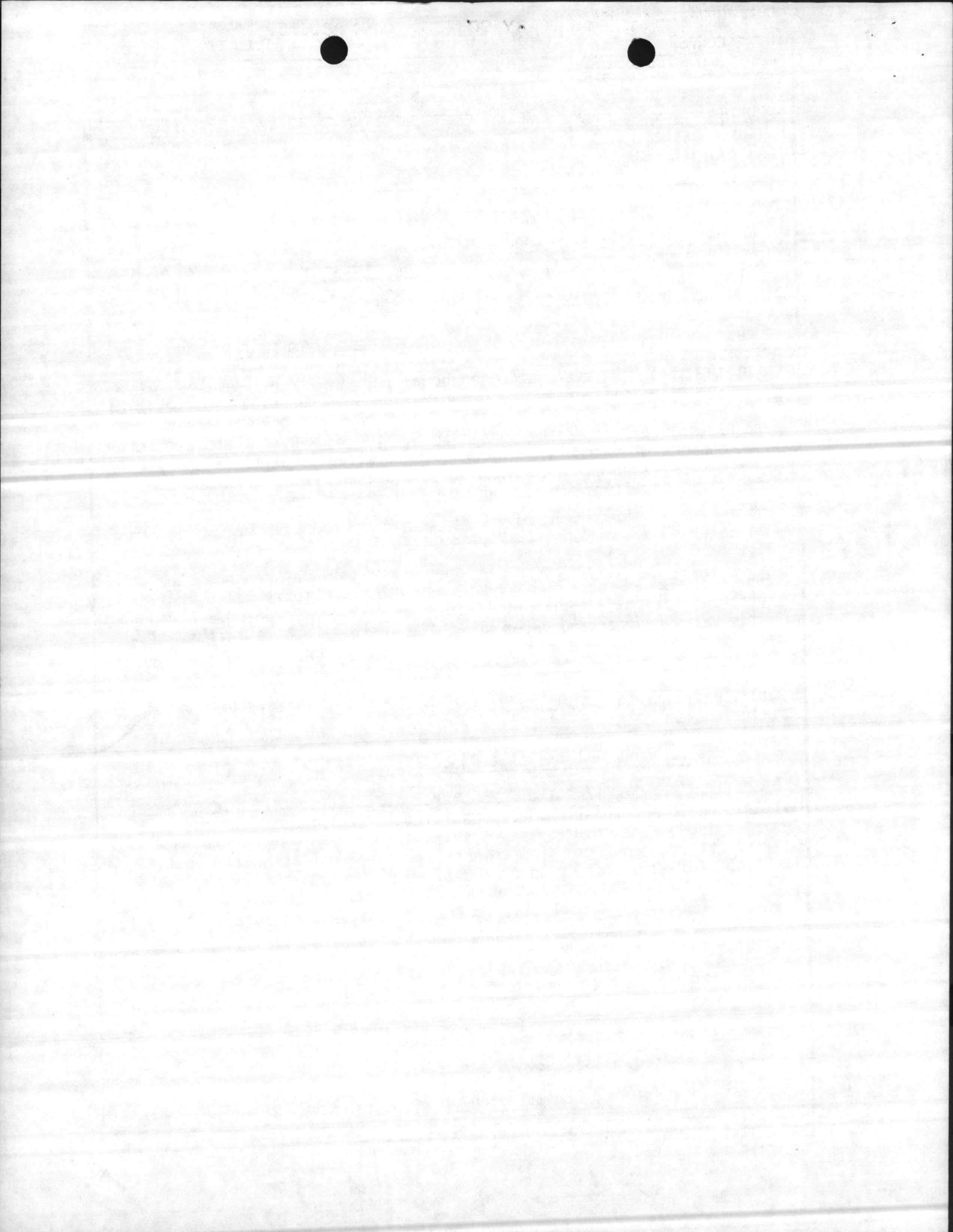
(2) Energy Conservation: Energy efficient equipment and building materials and orientation for maximum energy conservation will be utilized.

(3) Collateral Equipment:

(a) Built-In MCON Funded:

\*Venetian blinds and window screens

\*Air Conditioning, heating, and ventilating systems



1. COMPONENT

MARINE CORPS

FY 19<sup>88</sup> MILITARY CONSTRUCTION PROJECT DATA

2. DATE

10 Jan 86

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

FIELD MAINTENANCE SHOP

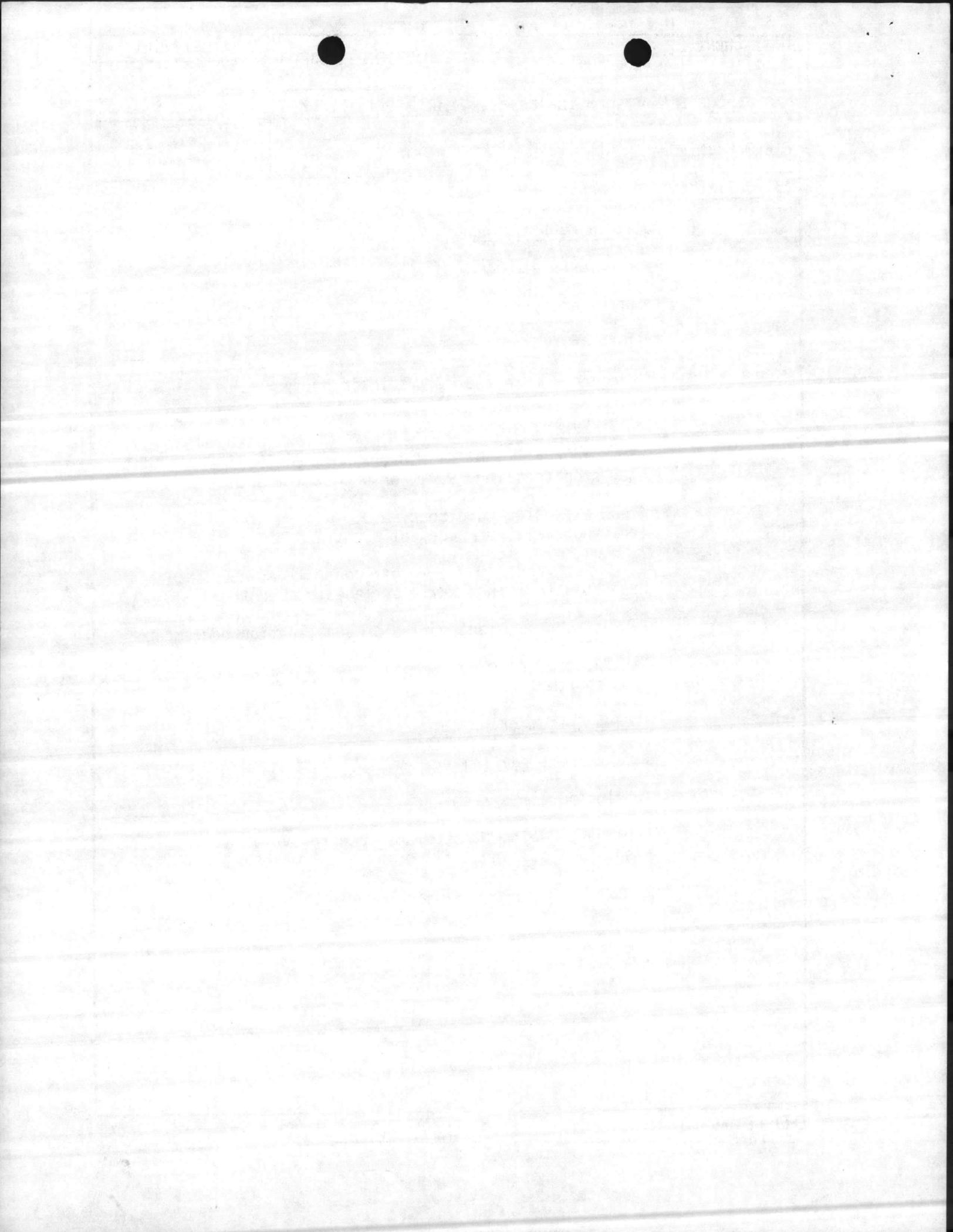
5. PROJECT NUMBER

P-256

(3) Collateral Equipment (cont'd)

(a) Built-In MCON Funded

- \*Interior steam system
- \*Sprinkler system
- \*Plumbing system
- \*Telephone, fire alarm, and intercom systems
- \*Drinking water coolers
- \*Air hose reel, 150 PSI H.D., w/hose control valve and hose stop (ceiling, wall, or pedestal mounted)
- \*Elec. extension cord reek, H.D., w/cord stop (ceiling, wall, or pedestal mounted)
- \*Water hose reel, H.D., w/hose control valve and hose stop (ceiling, wall, or pedestal mounted)
- \*Exhaust system, (automotive or construction equipment)
- \*Pass window, 4' wide, w/counter & "B" label roll down shutter, w/fusible link, if required
- \*10 Ton Bridge crane
- \*Wall Lockers, 1/2 size
- \*Public Address system
- \*Lube Hose Reels, H.D., w/hose control valve and hose stop (ceiling, wall or pedestal mounted)
- \*24,000 lb Twin Post Hydraulic vehicle lift



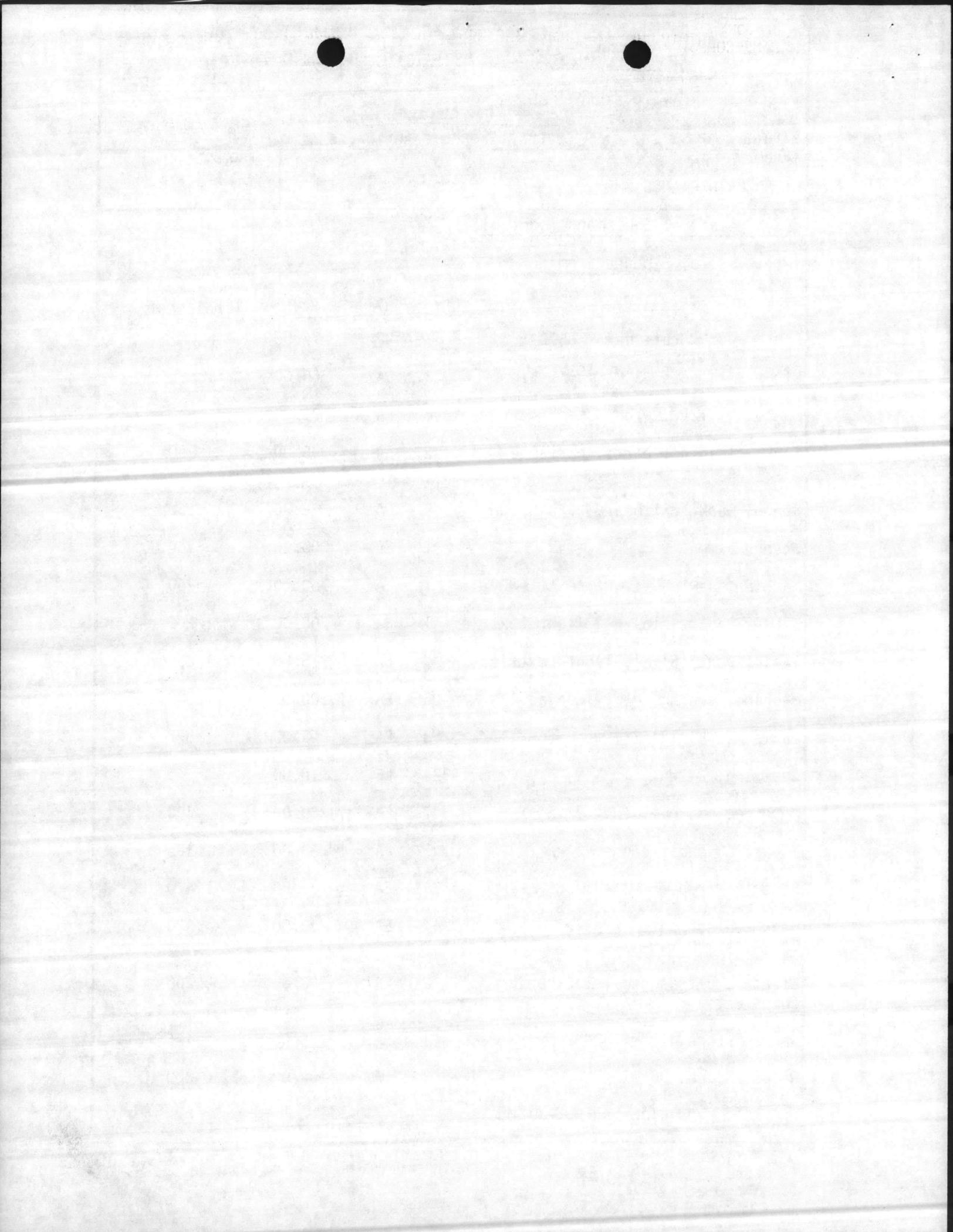
3. INSTALLATION AND LOCATION  
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE 5. PROJECT NUMBER  
 FIELD MAINTENANCE SHOP P-256

(3) Collateral Equipment (cont'd)

(b) Expense Items:

<u>Description</u>	<u>Qty</u>	<u>U/I</u>	<u>U/Price</u>	<u>Total Cost</u>
Bench, work Stationary, 28"D x 34"H	88	LF	77.59	6,827
Bin parts, rota, 3'D, multi-bin	3	EA	360.00	1,080
Shelving, 12"W, w/adj stds	6	EA	90.00	540
Tank, cleaning, parts, portable 38x22x34	2	EA	395.00	790
Bench, work stationary 36"Dx 34"H	2	EA	75.00	150
Stand, axle	1	EA	200.00	200
Machine, sewing, light textile	1	EA	750.00	750
Table, layout, 16'x5', light textile	1	EA	200.00	200
Table, work 16'x2', light textile	7	EA	175.00	1,225
Machine, sewing, heavy canvas	3	EA	1,100.00	3,300
Table, work, 16'x7', wood top	3	EA	225.00	675
Shelving, 24"W	1,324	LF	10.00	13,240
Machine, OM, cleaning, 2'x5'	1	EA	300.00	300
Tanks, OM equip rinse, 2'x2'	3	EA	35.00	105
Bench, OM repair, 3'x4'	24	EA	60.00	1,440
Bench, electronics repair 6"x144"x34"H	47	EA	90.00	4,230
Cleaner, ultrasonic (electronic components)	2	EA	1,100.00	2,200
Racks, store 48"D x 48"H	1	EA	125.00	125
Racks, store, 36"Dx24"W	3	EA	100.00	300
<b>TOTAL EXPENSE ITEMS</b>				<b>37,677</b>



1. COMPONENT  
MARINE CORPS

FY 1988 MILITARY CONSTRUCTION PROJECT DATA

2. DATE  
10 Jan 86

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

FIELD MAINTENANCE SHOP

5. PROJECT NUMBER

P-256

(3) Collateral Equipment (cont'd)

(c) INVESTMENT ITEMS: None

(d) APA EQUIPMENT: None

(e) TRAINING EQUIPMENT: None

(f) SUMMARY:

Expense Items	37,677
Investment Cost	-
Training Cost	-

TOTAL COST 37,677

(4) Supporting Facilities: Special piling, foundation, collateral equipment, site improvement, pollution abatement, utility connections, wash aprons, inspection pit, lube storage shed, etc. No demolition will be accomplished on this project.

4. Cost Estimate: Area cost factor for Camp Lejeune, NC is 0.86. Cost data derived from the Military Construction Cost Review Guide, FY-82 (DOD 4270.1-CG) to provide for this facility, escalated to FY-88. A contingency factor of 5% is being used for this project.

5. Justification for Project and for Scope of Project:

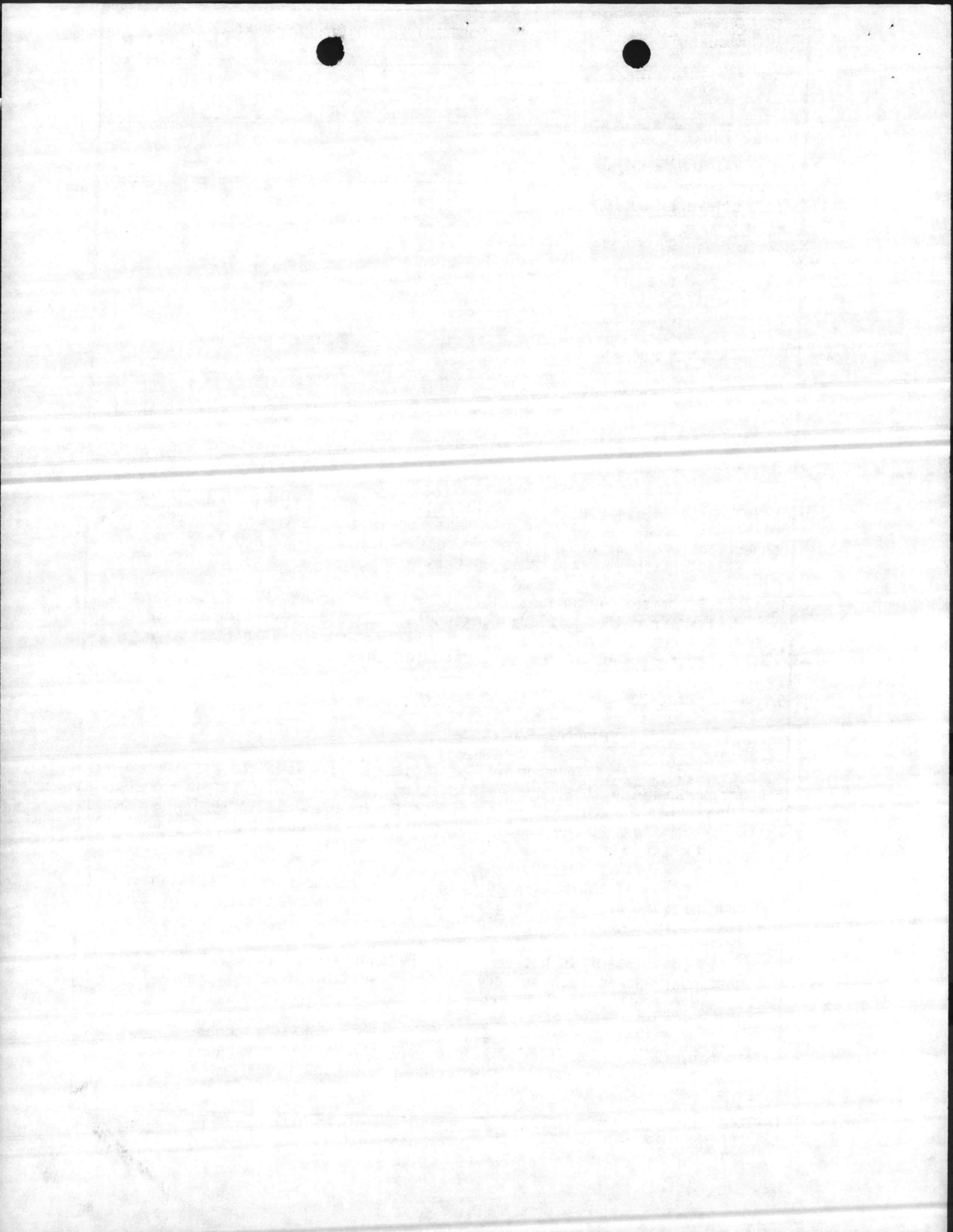
a. Justification for Project:

(1) Project: Proposed facilities are required to provide maintenance personnel with adequate facilities to perform maintenance on tanks, artillery, wheeled vehicles and engineer equipment organic to the Battalion which is to be in an issue readiness condition for mount-out and operation Float Contingencies.

(2) Current Situation: Personnel are working in substandard and makeshift facilities that are totally inadequate in size, configuration utility requirements, and site location.

(3) Impact If Not Provided: Personnel will continue to work in substandard and makeshift facilities, resulting in loss of work time and wasted energy.

b. Justification for Scope of Project: The project scope, 20,000 SF, is the minimum size facility that can meet the deficiency requirements for the Utilities Platoon and Operational Readiness Float Sections maintenance Shop. See paragraph 13.



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4. PROJECT TITLE  
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P-256

6. Equipment Provided from Other Appropriations: Not applicable.

7. Common Support Facilities: Not applicable. There are no common support facilities available in the French Creek Area.

8. Effect on Other Resources: The project will require approximately \$4,500 per year 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. Electricity:

Consumption: 605,800 KWHR/YR  
Peak Demand: 191 KW  
Avg, Demand - KW

b. Steam:

Consumption: 2,372,500 LBS/YR  
Demand: 1,500 LBS/YR

c. Coal: - Tons/YR

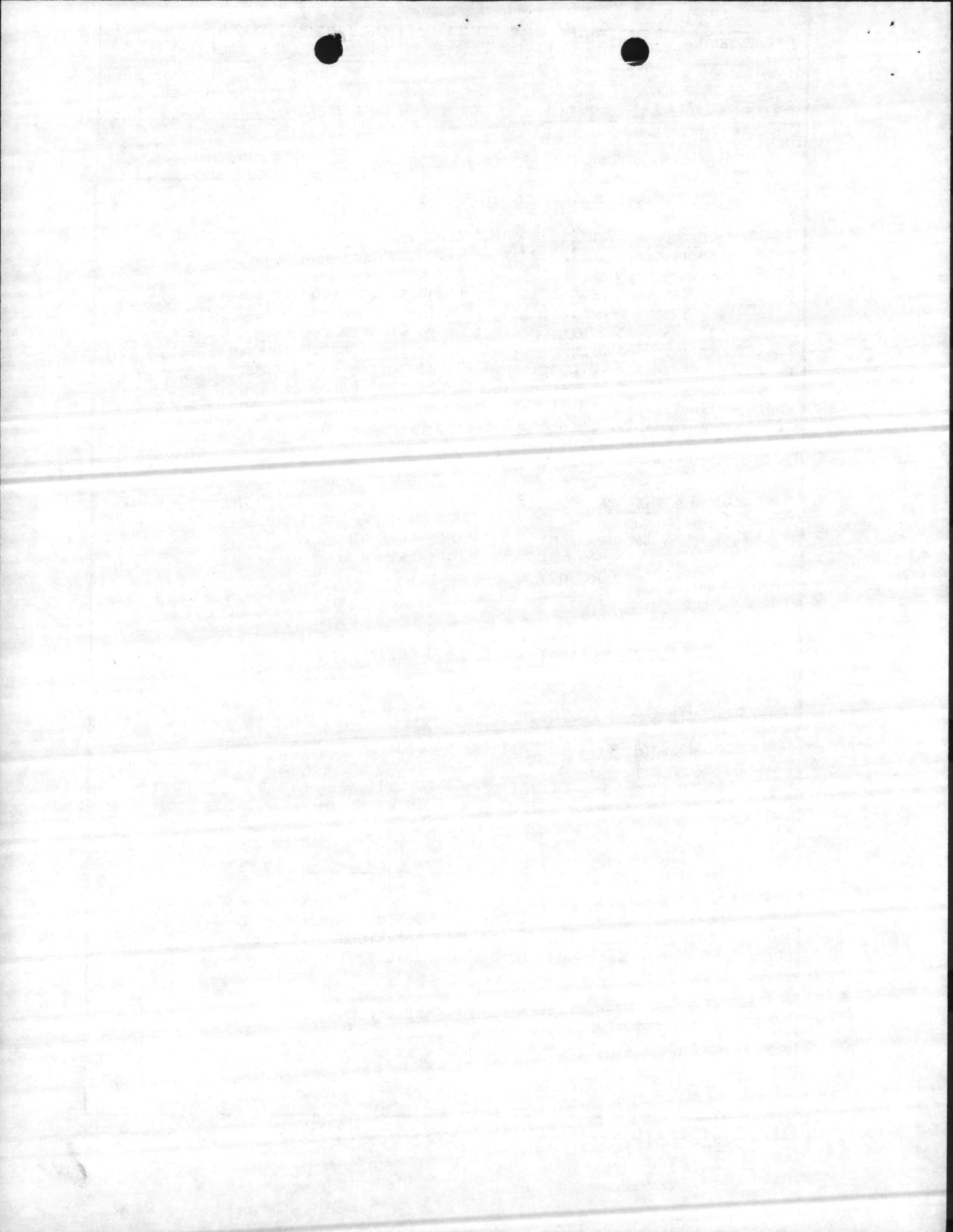
d. Adequate Utilities will be provided by P-240, FY-85

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. 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 (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated.



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MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE  
FIELD MAINTENANCE SHOP

5. PROJECT NUMBER  
P-256

13. Quantitative Data:

a. Unit of Measure: Square Feet.

b. Total Requirement: 448,840 SF. The Basic Facility Requirement for the French Creek Area (EA) is 448,840 SF. NAVFAC P-80 states that the requirement for this category code (214-53) is determined from definitive drawings given in NAVFAC P-272, Part IV.

<u>NAVFAC DWG #</u>	<u>DESCRIPTION</u>	<u>AREA SF</u>
1294489	Combat/Automotive/Track Fld Maint Shop	220,000
1294490	"	53,000
1294491	"	47,500
1294492	"	48,000
1294493	"	52,800
1294508	Vehicle Inspection Station	7,540
1294444M	Operational Readiness Float and Utilities Platoon	20,000
	Total	448,840

c. Existing Substandard: 165,448 SF

<u>Building Number</u>	<u>Area SF</u>
900*	3,600
901*	21,224
902*	50,064
905*	13,640
1601*	62,000
1771	14,920
Total	165,448 SF

\*multi-use type buildings.

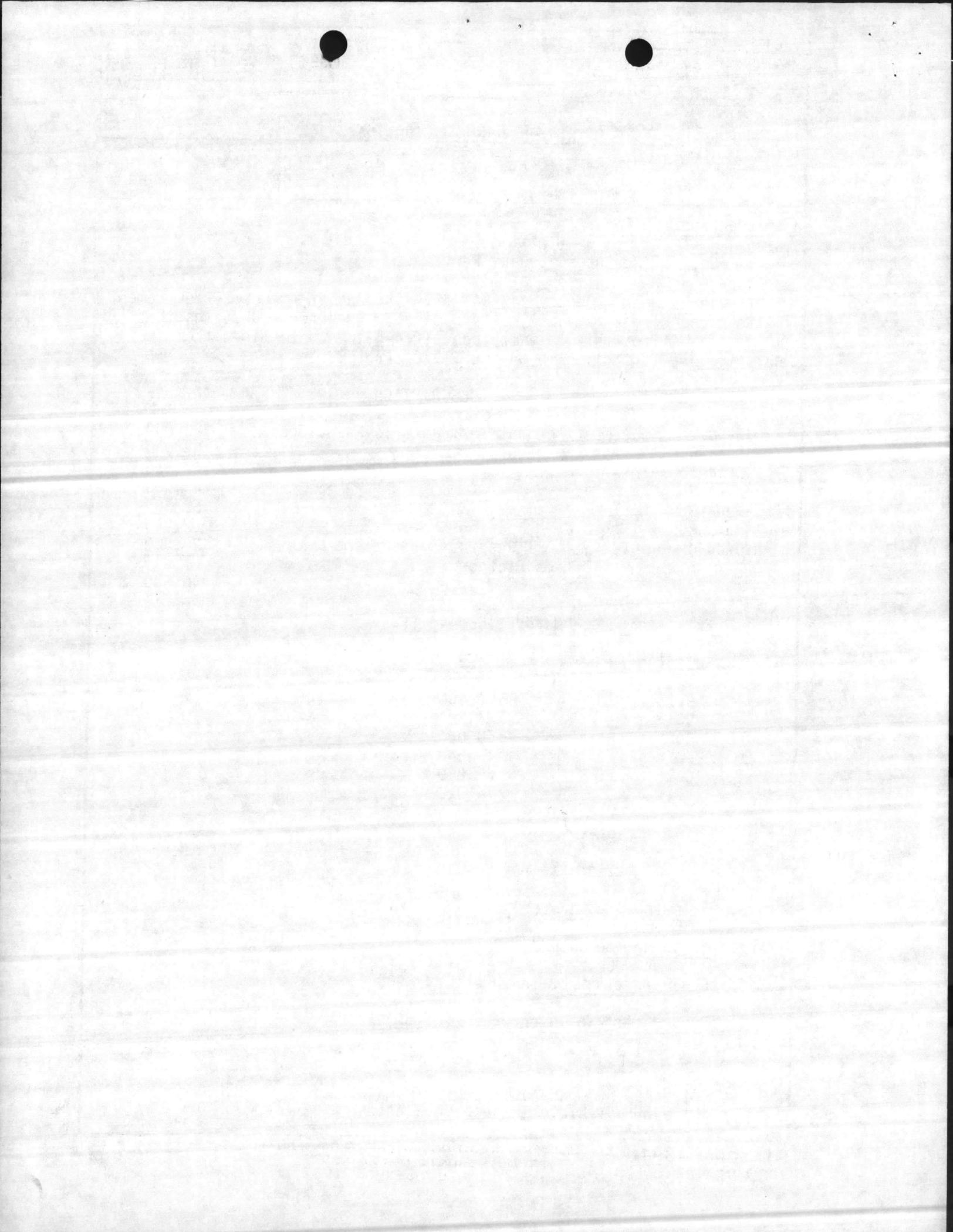
d. Existing Inadequate: 0

e. Existing Adequate: 0

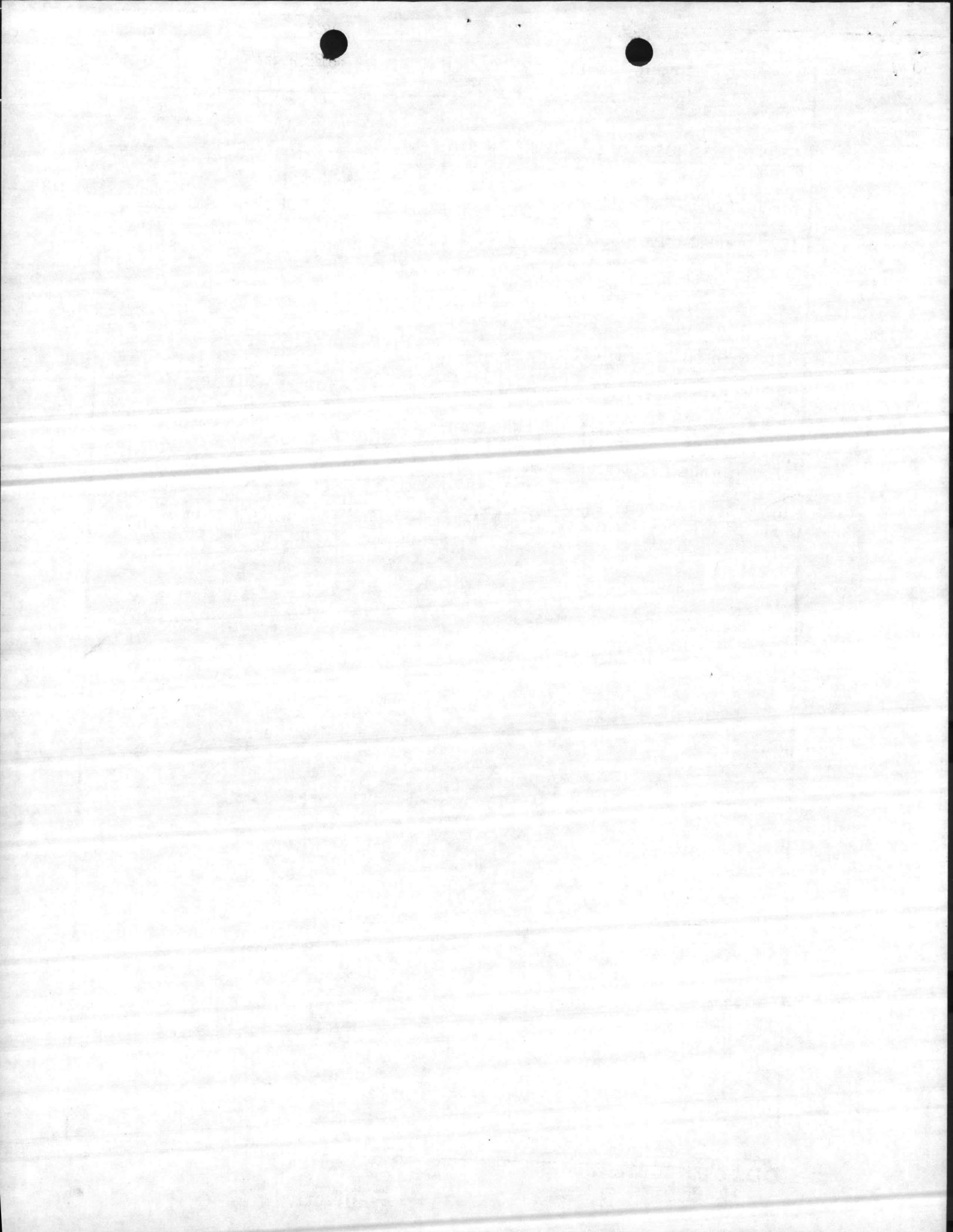
f. Other Assets, Not in Inventory: 0

g. Funded, Not in Inventory: (FY-87) 60,540 SF

<u>NAVFAC Dwg</u>	<u>Description</u>	<u>Area SF</u>
1294490	Combat/Auto/Track/Fld Maint Shop	53,000
1294508	Vehicle Inspection Station	7,540
	Total	60,540 SF



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4. PROJECT TITLE FIELD MAINTENANCE SHOP	5. PROJECT NUMBER P-256	
13. <u>Quantitative Data (cont'd)</u> h. <u>Adequate Assets:</u> $(e + f + g) = 60,540$ SF i. <u>Deficiency:</u> $(b - h) = 388,300$ SF 14. <u>Maintenance Facilities:</u> Not applicable. 15. <u>Morale, Welfare and Recreation Facilities:</u> Not applicable. 16. <u>Relocation Facilities:</u> Not applicable. 17. <u>Storage Facilities:</u> Not applicable. 18. <u>Hazard Identification, Assessment, and Analysis:</u> Proposed facility will be a Motor Transport School facility. The following potential hazardous conditions will be considered during the design phase: a. Exhaust fumes. b. Battery acid fumes. c. Gasoline/diesel fumes.		



REQUEST FOR PROJECT SITE APPROVAL

NAVMC 11069 (11-80)  
SN 0000-00-006-7690 U/I PADS OF 50

PROJECT NUMBER  
P-256

ACTIVITY UIC  
67001

(4700)

TO COMMANDANT OF THE MARINE CORPS (CODE LFF-1)

SECTION A  
FOR USE BY REQUESTER

FROM: MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

CATEGORY CODE AND PROJECT TITLE: 214-53 FIELD MAINTENANCE SHOP

PROJECT DESCRIPTION: Provide a Field Maintenance Shop for 2d Maint. Bn. of 2d FSSG.

TYPE OF MAP: Site Location Map (Encl. 1)

DATE: -

TYPE OF FUNDING: MCON

COST (\$000): 1,900

PROGRAM YEAR: FY-88

REMARKS: This project is required for the maintenance of Construction Equipment.

REQUESTED BY (Typed name and signature): R. A. TIEBOUT

DATE: JUL 1 1985

SECTION B  
HQMC REVIEW AND ANALYSIS

ANALYSIS By direction

(Place a check (✓) in box opposite each item. Y = Yes; N = No; NA = Not Applicable)

PROJECT SITING CONSIDERATION			PROJECT SITING CONSIDERATION		
Y	N	NA	Y	N	NA
✓					
✓					
✓					

d. COMPLIES WITH THE FOLLOWING CRITERIA:

- (1) AMMUNITION AND EXPLOSIVES
- (2) ELECTROMAGNETIC RADIATION
- (3) AIRFIELD SAFETY
- (4) NOISE INTENSITY
- (5) FIRE PROTECTION

COMPATIBLE WITH ACTIVITY MASTER PLAN (Check appropriate box)

IDENTICAL  NOT SHOWN BUT CONSISTENT  \*NOT SHOWN AND INCONSISTENT

DIFFERENT BUT CONSISTENT  \*DIFFERENT AND INCONSISTENT

CRITERIA CERTIFICATION(S) REQUESTED (Check)

DDESB  CNO  NAVSEA  NAVEX  NAVAIR  OTHER:

DATE CERTIFICATION(S) RECEIVED

\_\_\_\_\_ DDESB \_\_\_\_\_ CNO \_\_\_\_\_ NAVSEA \_\_\_\_\_ NAVEX \_\_\_\_\_ NAVAIR \_\_\_\_\_ OTHER \_\_\_\_\_

ACTION

APPROVED  DISAPPROVED  DEFERRED

REMARKS

SITE APPROVED

HQMC

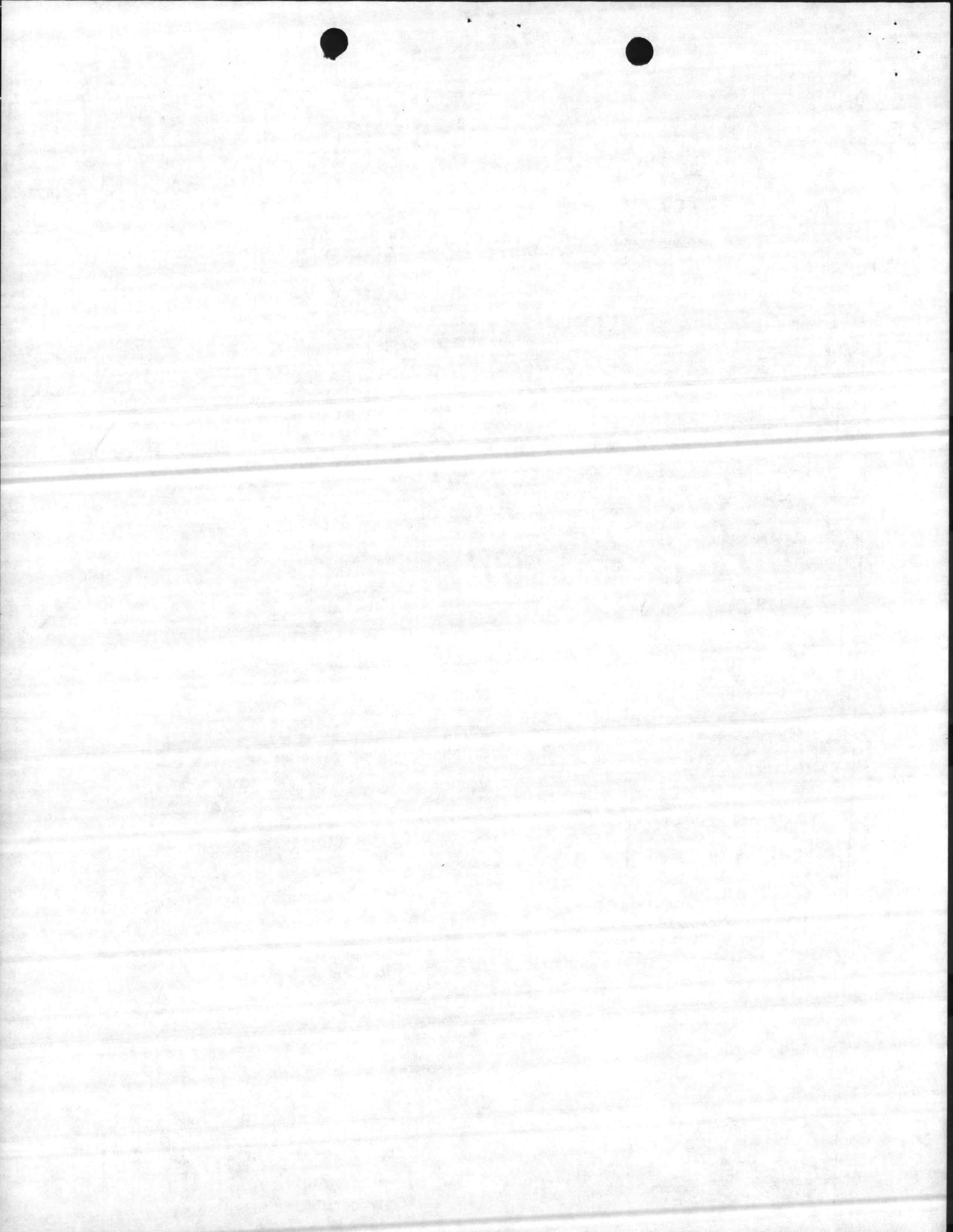
DATE 24 JUL 1985

BY *[Signature]*

APPROVING OFFICIAL (Typed name and signature): E. R. ZAPIN

By direction

DATE: 25 Jul 85



SITE LOCATION

P-256

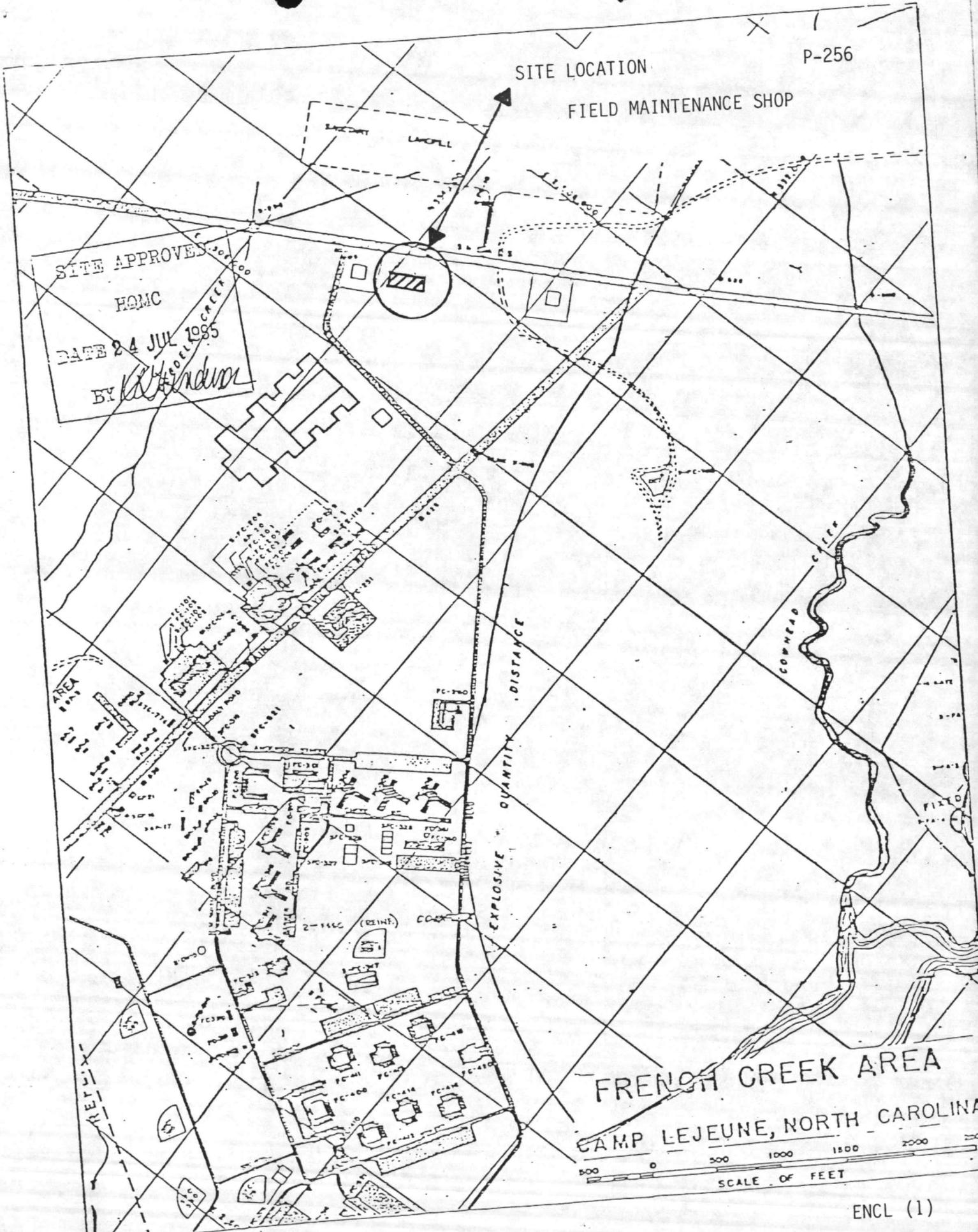
FIELD MAINTENANCE SHOP

SITE APPROVED

HQMC

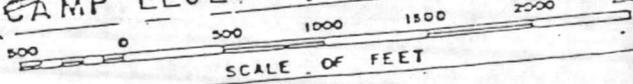
DATE 24 JUL 1985

BY *K. Henderson*

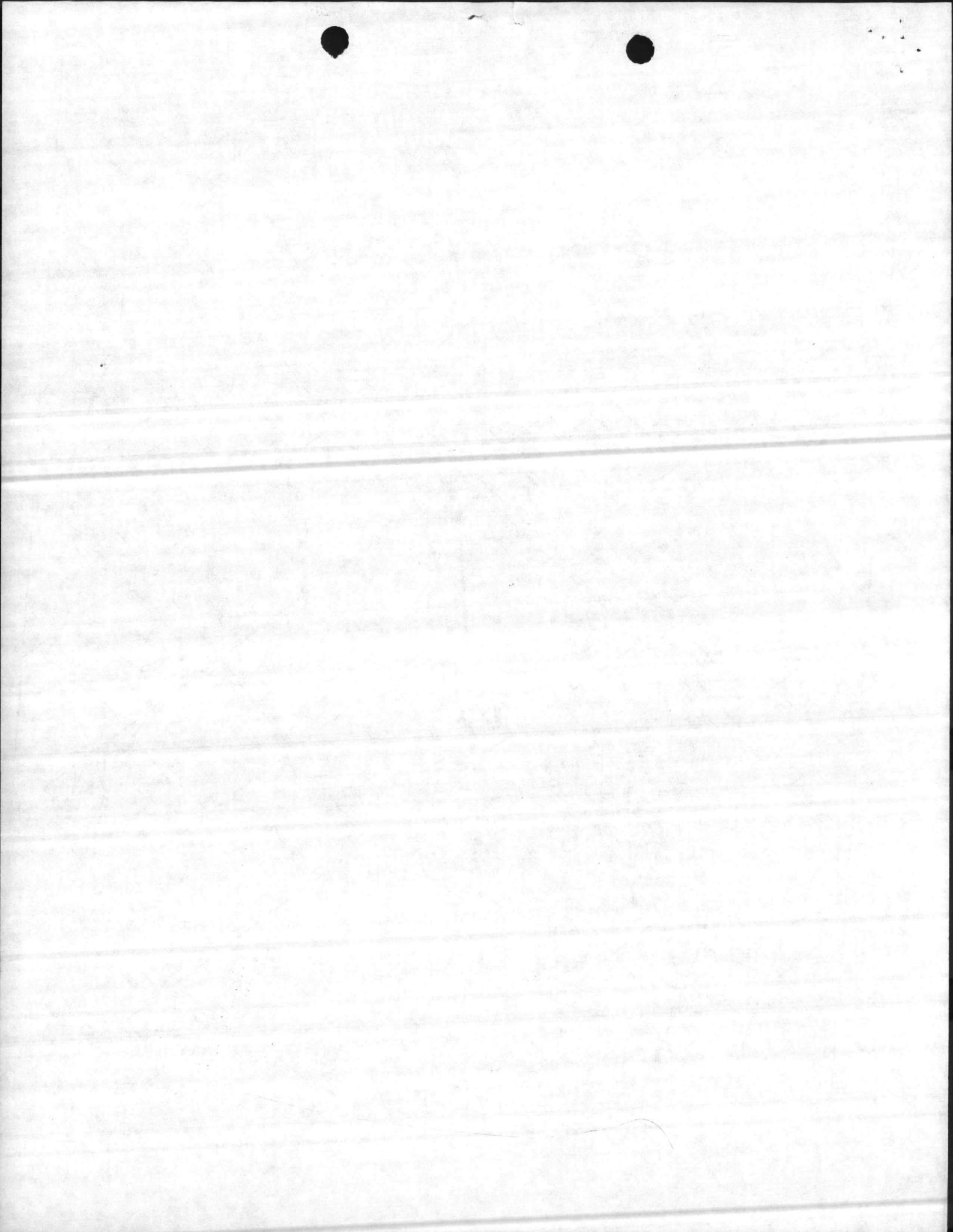


FRENCH CREEK AREA

CAMP LEJEUNE, NORTH CAROLINA



ENCL (1)



APPENDIX A

1. A&E Contract No.: N62470- - - -  
Construction Contract No.: N62470- - - -

Project Title (P-No.)/Location: P-256 FIELD MAINTENANCE  
STOP, FRENCH CREEK.

2. Project Budget: \$ \_\_\_\_\_ Construction Cost: \$ \_\_\_\_\_

In accordance with design contract terms, you are responsible to ensure that estimated construction costs remain within programmed funds. Approval from the PM is required to continue design in excess of programmed funds.

3.- LANTNAVFACENCOM Project Manager/Telephone: \_\_\_\_\_

4. Activity Point of Contact/Telephone: LARRY BRANT (AV) 484-1833  
(919) 451-1833

5. Services Required:

a. The following services checked below are required: (Type only those applicable)

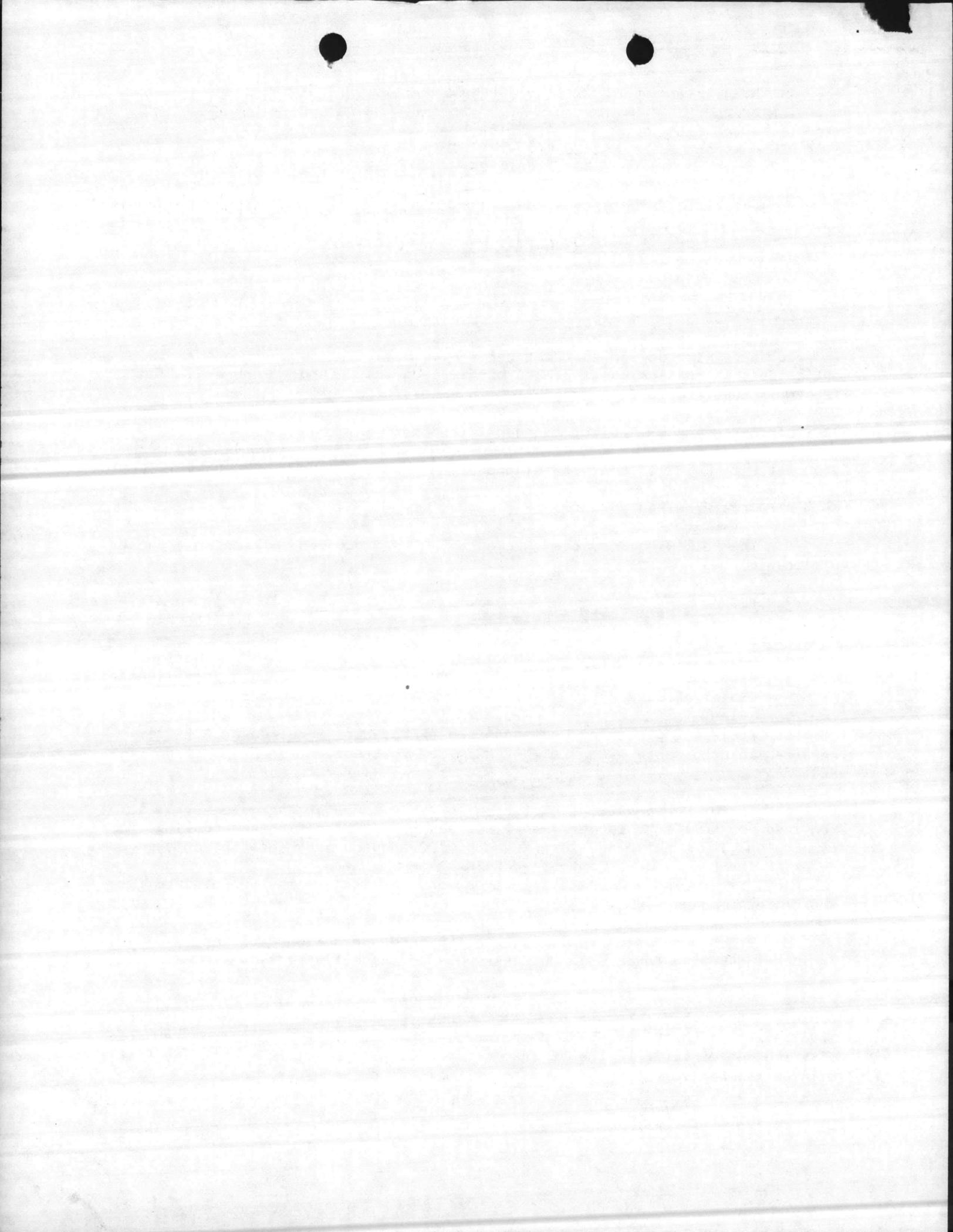
- |   |  |  |
|---|--|--|
| <input type="checkbox"/> PED                    | <input type="checkbox"/> Shop Drawings         | <input type="checkbox"/> Air/Water Permit Prep |
| <input type="checkbox"/> Plans                  | <input type="checkbox"/> As-Builts             | <input type="checkbox"/> COE Permit-Prep       |
| <input type="checkbox"/> Specifications         | <input type="checkbox"/> Study (Identify Type) | <input type="checkbox"/> Rendering             |
| <input type="checkbox"/> Cost Estimate          | <input type="checkbox"/> BEAP                  | <input type="checkbox"/> Interior Design       |
| <input type="checkbox"/> Asbestos Testing       | <input type="checkbox"/> O&M Manual Prep       | <input type="checkbox"/> Constr Surveillance   |
| <input type="checkbox"/> Quality Assurance Plan |  | <input type="checkbox"/> Other                 |

b. Project Engineering Documentation (PED): Not Required/or A PED is required in accordance with "LANTNAVFACENCOM Instruction for Preparation of PEDs."

c. Energy Conservation: Not Required/or A computer energy analysis is required for buildings larger than 8,000 square feet (heating and cooling or cooling only) and buildings larger than 20,000 square feet (heating only). Refer to the A&E Guide. Contract N62470- - - - with \_\_\_\_\_ (Company) is available for use. Instructions for its use may be obtained from the Project Manager (PM).

d. Bench mark datum shall be obtained from our Design Division, Civil Engineering Branch (Area Code 804-444-9905) or the Activity. CARL BAKER, CIVIL ENG.  
(919) 451-3238

e. Value Engineering (VE): Not Required/or VE of project will be conducted through a separate contract with \_\_\_\_\_. Your involvement in the VE Study is described in the A&E Guide. Data required for distribution directly to the VE Team is specifically outlined and this effort will be reimbursed under the heading of Engineering Services.



f. Base Exterior Architectural Plan (BEAP): Not Required/or A BEAP has been prepared for this particular area and shall be used as a guide for this project. Please refer to the A&E Guide.

g. Computer Estimating System (CES): Not Required/or A computer estimate utilizing our CES system will be required with the prefinal and final (100%) submittals. A manually prepared cost estimate in the systems format is to be submitted with the 35% submittal. Review the A&E Guide.

6. Fees/Options: (To be filled in at conclusion of negotiations on A&E contracts)

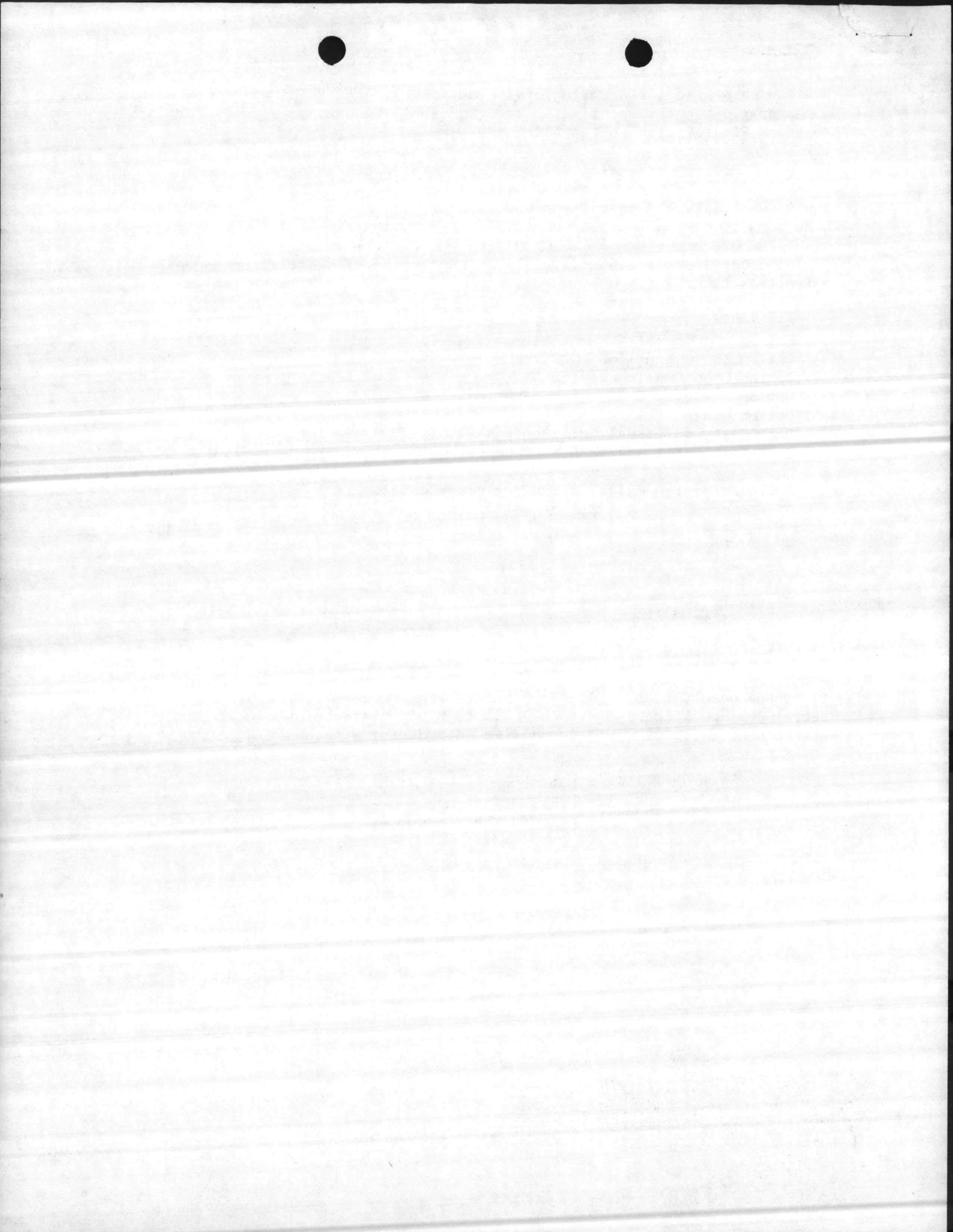
0-35% Design	\$ _____
Option O/M Manuals	\$ _____
Option 35-100% Design	\$ _____
Option Shop Drawing Review	\$ _____
Option As-Built Drawing Preparation	\$ _____
Option Other	\$ _____
Unit Cost Additional Soil Borings	\$ _____
Unit Cost Additional Asbestos Survey	\$ _____

7. Proposed Design Milestones: (Calendar days)

	<u>NO. DAYS</u>	<u>GOVT REV</u>
A&E Award (if applicable):	_____	-
35%:	_____	( - )
Prefinal:	_____	( - )
Final (100%):	_____	( - )
Advertise:	_____	=
Award Construction Contract:	_____	-

8. Scope Description: (Blocks 9 and 10 from DD Form 1391 or attach legible Special Project Step II) (Attach Facility Study, Site Location Plan and Section 6 of the BESEP, etc., and list in order of attachment)

ENCL: (1) DD FORM 1391  
 (2) FACILITY STUDY  
 (3) SITE LOCATION



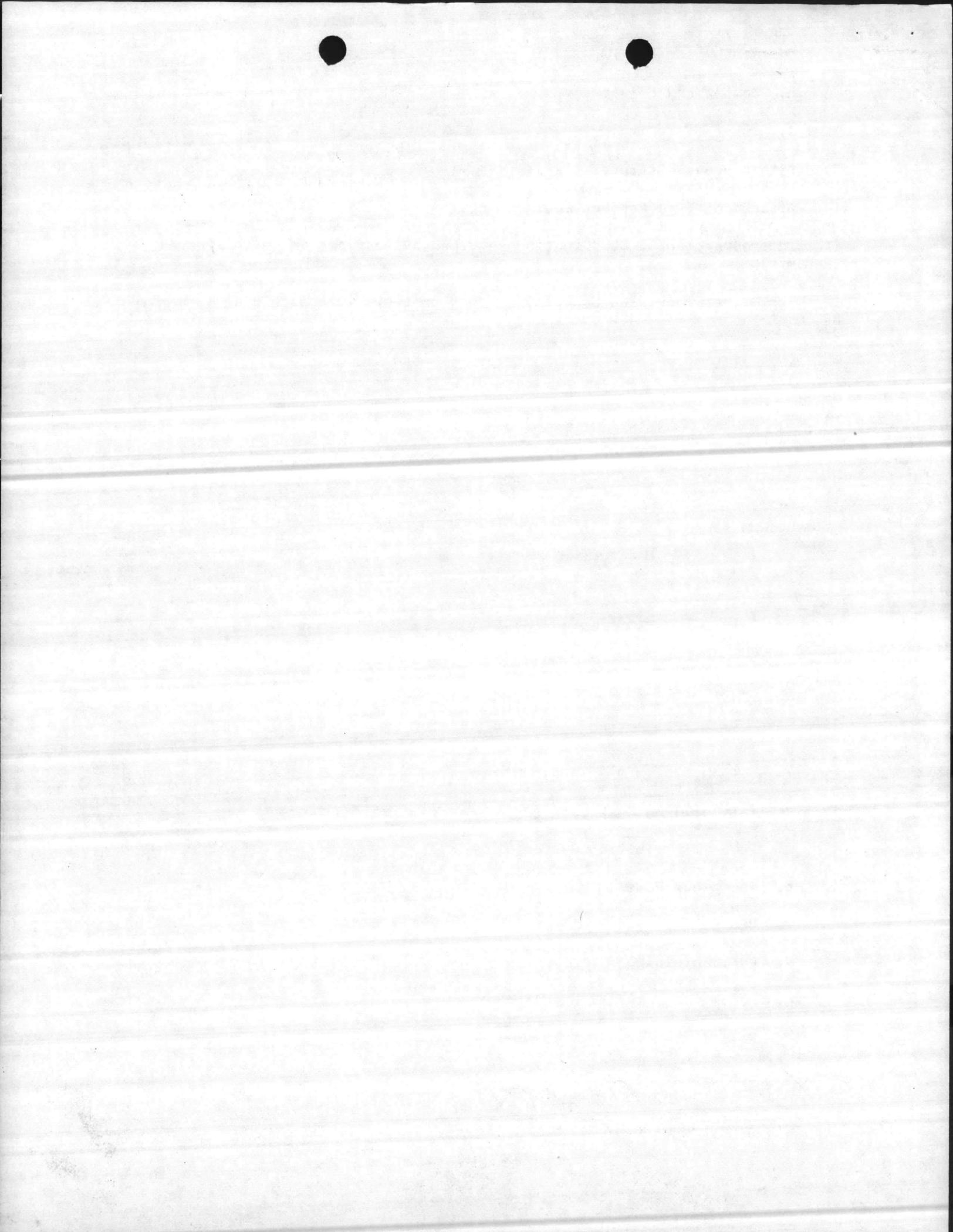
9. Site Approval Status: APPROVED BY MG Kim GUNDERSON, HARMC ON  
24 July 1985 ENCL (4)
10. Attachment ( ) Project Environmental Assessment: (Discuss status)  
AWAITING ACTION BY THE BASE EA BOARD
11. Intergovernmental Coordination Required by Designer or Review Process:  
(Explain)
12. Tentative Floor Plan Concept attached or tentative space plan summarized  
below:

FUNCTION

AREA (+/-)

ENCL (5) - DEFINITIVE DVG. NAVFAC 1294444

13. Special Building Systems: (Brief description required)
- a. Power Distribution System(s)
  - b. Emergency Power
  - c. UPS
  - d. R.F. Shielding
  - e. Automated Material Handling
  - f. Raised Flooring
  - ✓ g. Compressed Air



h. Cranes and Hoists

i. Other (describe) VEHICLE LIFT, CENTRAL LUBE

14. System Safety and Hazard Analysis

a. Has Activity prepared preliminary hazard analysis? NO

b. Identify hazardous substances requiring consideration in design:

1. BATTERY ACIDS

c. Identify personnel safety measures required as part of facility design. ENGINE EXHAUST, BATTERY ACIDS, NOISE

d. Safety plan and hazardous analysis required by designer: yes/no (predicated on Items a., b., and c. above coordinate this item with Code 408. MIL-STD-882 provides scope.)

15. Demolition Proposed: NONE

16. Easements, Air and Water Discharge Permits required (define permit required, who approves and action plan) (coordinate with Activity and Code 114). BASE ENVIRONMENTAL ENG: BOB ALEXANDER (919) 451-3034

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17. Special Building System Security Requirements: (Explain)

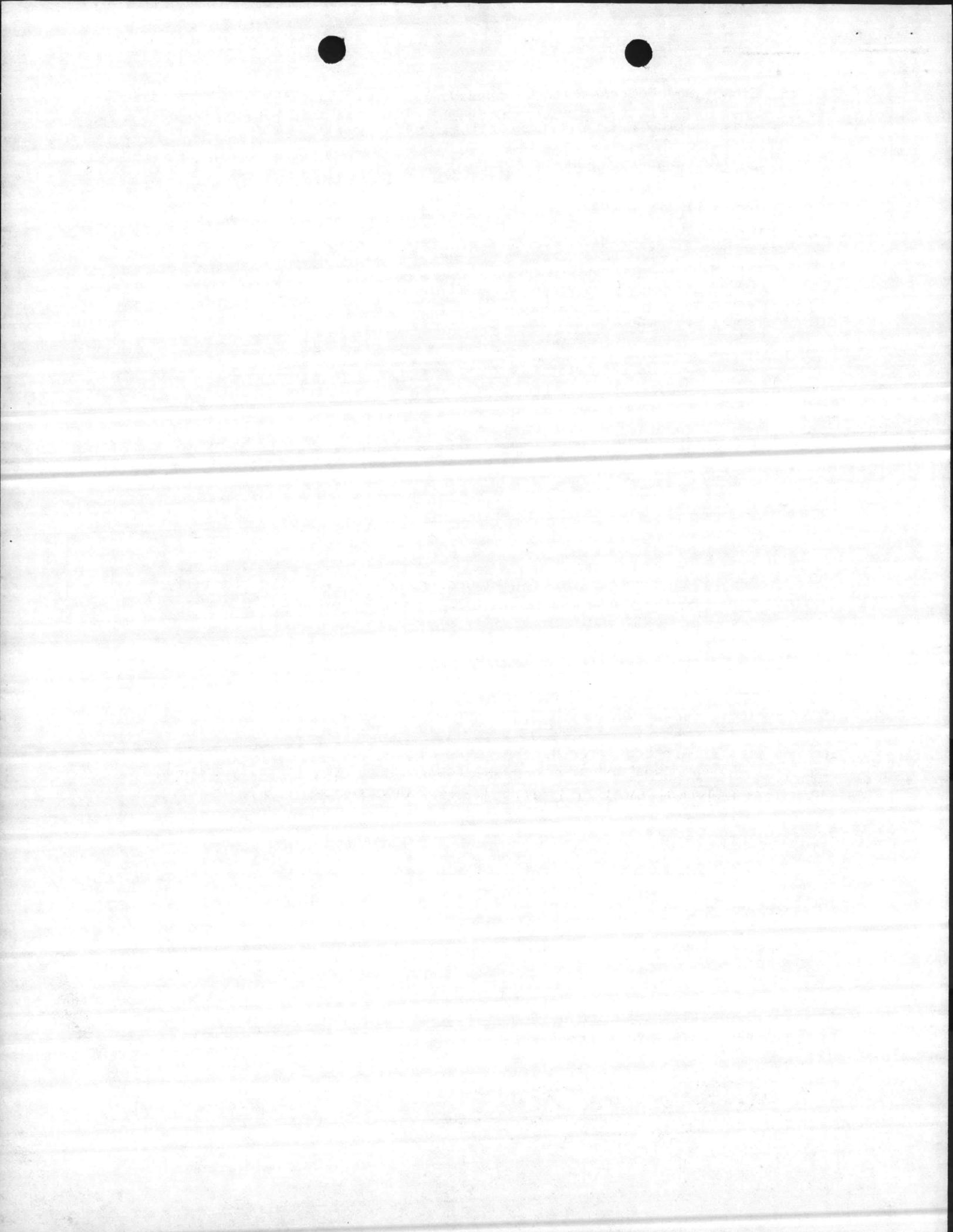
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18. List Significant Equipment from other Appropriations: (Equipment which requires interface with project design - existing and to be procured)

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19. Utility Point of Connections Proposed: (Subject to designer verification)  
(PM coordinate with Activity and/or Code 11)

Water  
Sewer  
Power  
Steam  
Telephone  
Fire Alarm

NEED TO LOOK AT UTILITIES  
BEING PROVIDED BY PROJECTS  
P-240 (81-B-1639) AND  
P-257 FIELD MAINT. COMPLEX.

20. Construction Procurement Strategy

a. Number of Construction Contracts: \_\_\_\_\_

b. Proposed Construction Period: (Coordinate with Code 05 Area Manager)  
(If construction period based on specific date of operational need, provide basis)

\_\_\_\_\_

\_\_\_\_\_

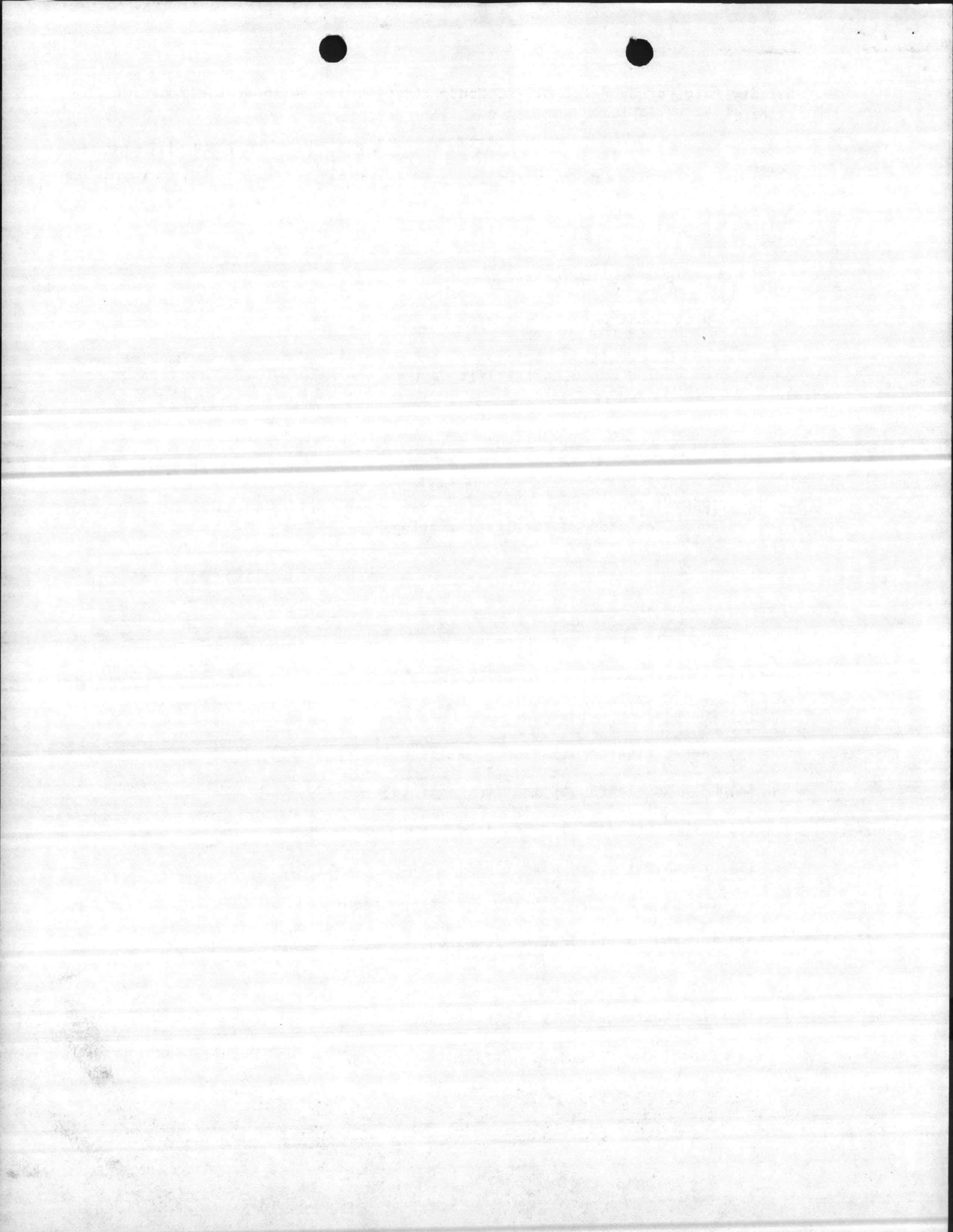
c. Applicability of Standard Liquidated Damages: (If deviation proposed, state amount and provide justification)

\_\_\_\_\_

\_\_\_\_\_

d. Methods of Procurement Proposed:

- (1) Competitive Bid (Firm-Fixed-Price)
- (2) SBA-8(a)
- (3) Competitive Negotiation (Justification required)
- (4) Sole-Source (Justification required)
- (5) CPAF (Justification required)
- (6) Prequalified Bid List (Justification required)
- (7) Two-Step Procurement (Justification required)
- (8) Turnkey (Justification required)
- (9) Requirements Contract
- (10) Indefinite Quantity Contract
- (11) Experience Clause(s) (Justification required and recommended wording)



e. Security Requirements of A&E Contract:

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f. Security Requirements of Construction Contracts:

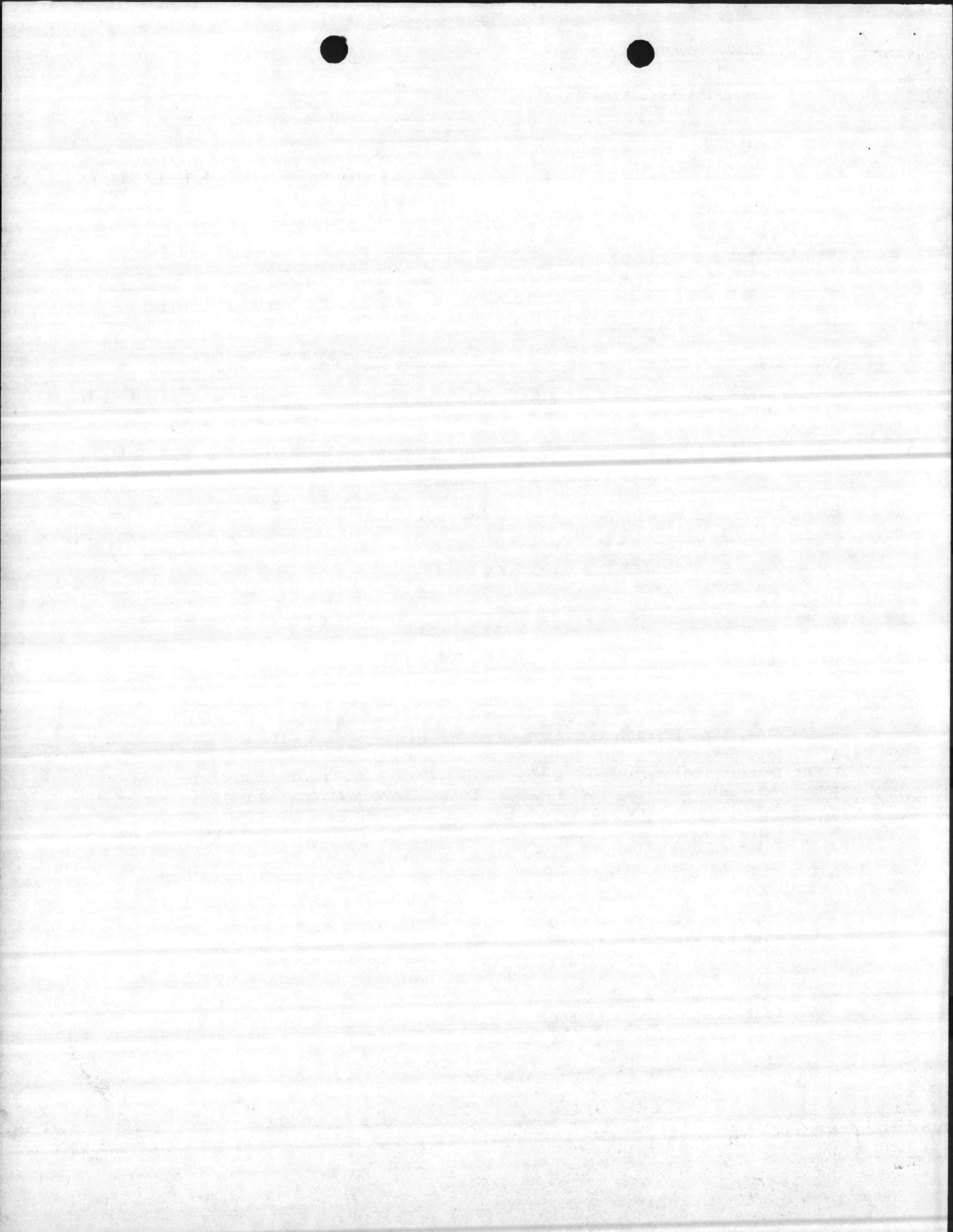
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21. Project Submittal Distribution:

	LANTNAVFACENCOM	ACTIVITY	ROICC	*	*
		Cost Model			
P E D					
P R E L I M I T A R Y		Plans			
	3	Outline Specification			
	5	Cost Estimate			
		Basis of Design			
	P	BEAP Preparation			
	C				
		Geotechnical Data			
		VE Package			TO VE TEAM ONLY
P R E F I N A L		Plans, Specifications			
		Cost Estimate			
		Interior Color/Finish			
		Material			
		Calculations, Environmental			
		Permits			
		All Marked Preliminary			
		Submittal Data			
F I N A L		Plans - Tracings			
		Prints (2 sets)			
		Specification - Bond			
		(2 copies)			
		Calculations - (1 copy)			COPIES AS INDICATED TO LANTNAVFACENCOM ONLY
		Field Notes, Reports,			
		Studies, Permits - (1 copy			
		each)			
		All DMs furnished by			
		LANTNAVFACENCOM			



Interior Color/Finish  
Materials

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MAILING ADDRESSES: DIRECT DISTRIBUTION TO EACH ADDRESSEE BY A&E IS REQUIRED

LANTNAVFACENGCOM

ACTIVITY

ROICC

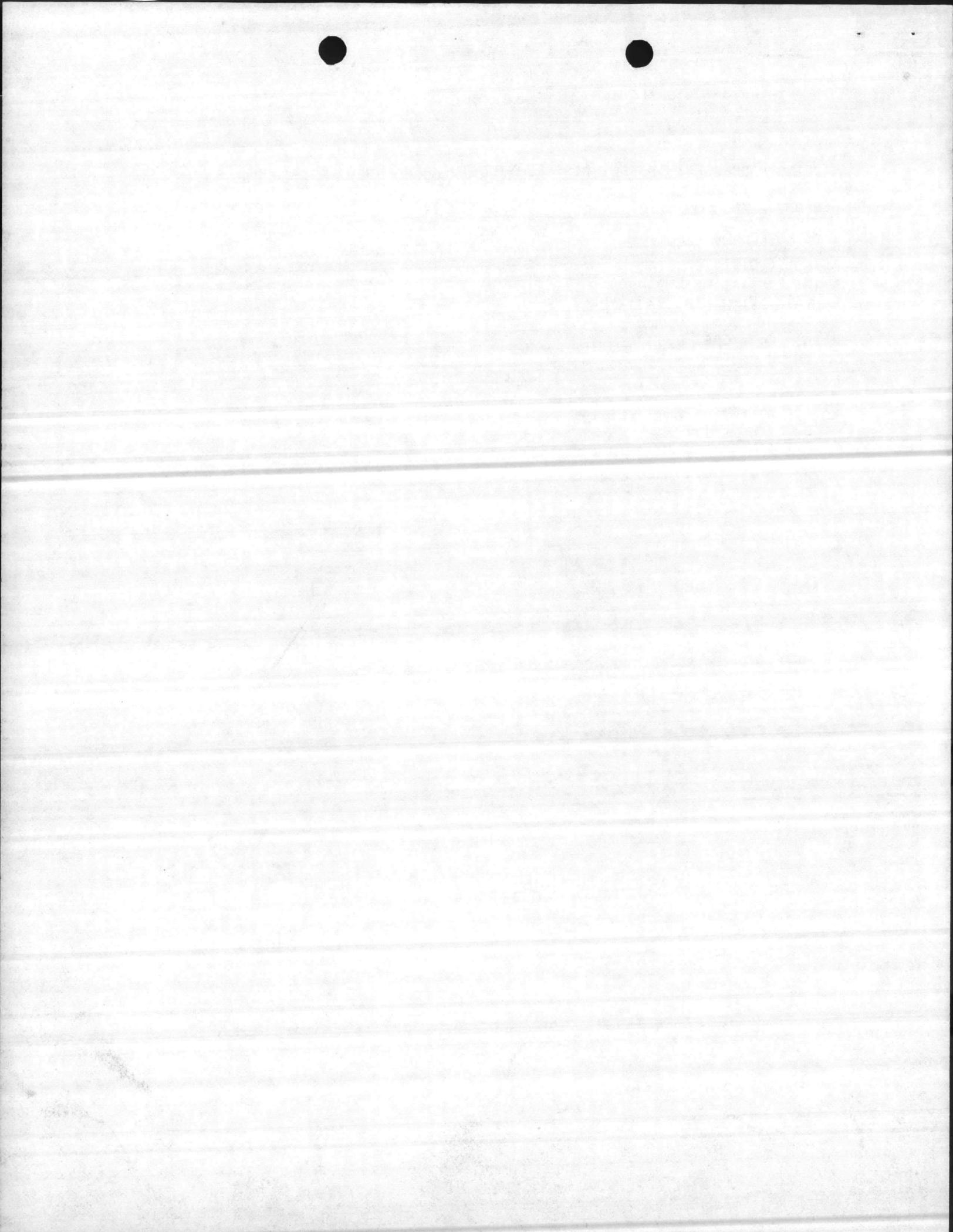
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Commander  
Atlantic Division  
Naval Facilities Engineering Command  
Norfolk, Virginia 23511-6287

Attn: Code 09A2

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\*Other Distribution: (List)



Re: A/E Contract N62470- - -

Gentlemen:

Your firm has been tentatively selected to \_\_\_\_\_

Enclosure(s) \_\_\_\_\_ define(s) the scope of the project and (is/are) forwarded to assist you in the preparation of a fee proposal. (The Guide for Architect-Engineer Firms, which you presently hold,) Enclosure ( ), Guide for Architect-Engineer Firms) outlines the procedures, instructions and responsibilities for firms providing services under contract. All facets of project administration, payment of fees, design, estimating and shop drawing review are discussed within the text of the Guide for Architect-Engineer Firms. IT IS ESSENTIAL THAT YOU BECOME ACQUAINTED WITH ALL PROCEDURES AND RESPONSIBILITIES PRIOR TO YOUR FEE PREPARATION.

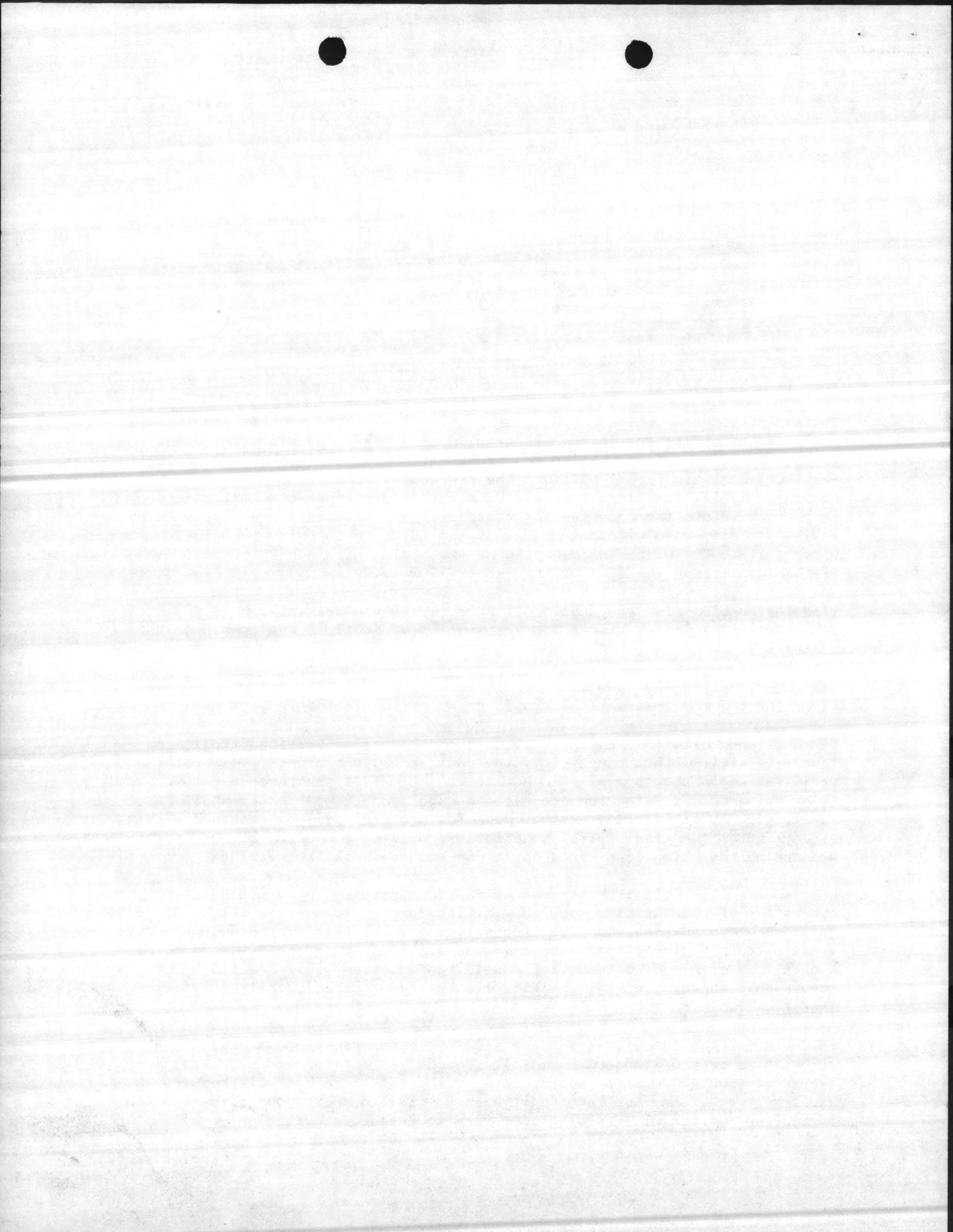
(The Instructions for Preparation of PEDs, which you presently hold,) (Enclosure ( ), Instructions for Preparation of PEDs) is applicable to this contract.)

Any questions you may have with regard to the Guide for Architect-Engineer Firms (or the PED Instruction) should be addressed to the Project Manager.

In compliance with the PED Instruction's "Introduction Section," following your site visit with the Activity, the cost model, enclosure ( ); cost verification in the form of an annotated DD Form 1391; conference notes (clarifying or modifying the scope); and wage and overhead rates shall be submitted. It is anticipated that your fee proposal will be received within 21 days after the site visit. Negotiations will be conducted at our office, and during this time unanswered questions and fees will be resolved.

Enclosure ( ) provides the format of fee submission. To permit detailed evaluation of your pricing, you should also furnish supporting information you developed in preparing your fee proposal; i.e., the number of drawings anticipated per discipline; a description of the drawing and scale to be used; a breakdown of all direct costs (travel, reproduction, soil investigations, topographic surveys, energy analysis); a breakdown per discipline of field investigation efforts.

In the event the total cost exceeds \$100,000, your fee proposal must be accompanied by the Standard Form 1411 provided as enclosure ( ). Fees in excess of \$500,000 must be accompanied by the same form and will require an audit by the Defense Contract Audit Agency (DCAA) nearest your firm. In that event, the auditor will require your firm to produce a quotation on all



consultant expenses. A single quote will suffice. The advisory audit report will normally substantiate the validity of your labor costs, consultant quotations and basis for overhead. All negotiations would be subject to adjustment based on the audit results.

Enclosure ( ), certificate of current cost or pricing data, should be submitted upon completion of fee negotiations for all fees in excess of \$100,000.

In submitting your proposal, milestones must be established for the Project Engineering Documentation (PED), preliminary (35%), prefinal and final (100%) submittals. These milestones should include \_\_\_ days for PED review \_\_\_/\_\_\_ days for Government review of the 35% and prefinal submittals respectively. You will be expected to participate in a 35% review conference to be held at the Activity after which the prefinal submittal should be made in accordance with the established schedule.

(ANNUAL FUNDS PARAGRAPH) Construction funding for this work must be obligated prior to 30 September 19\_\_; requiring a design completion no later than \_\_\_\_\_. Your fee proposal must anticipate this completion date.

It is requested that you complete enclosure ( ), representations and certifications form, and return it with your fee proposal. Completion of this form will provide accurate information for contract award and payment. No contract will be awarded without this information.

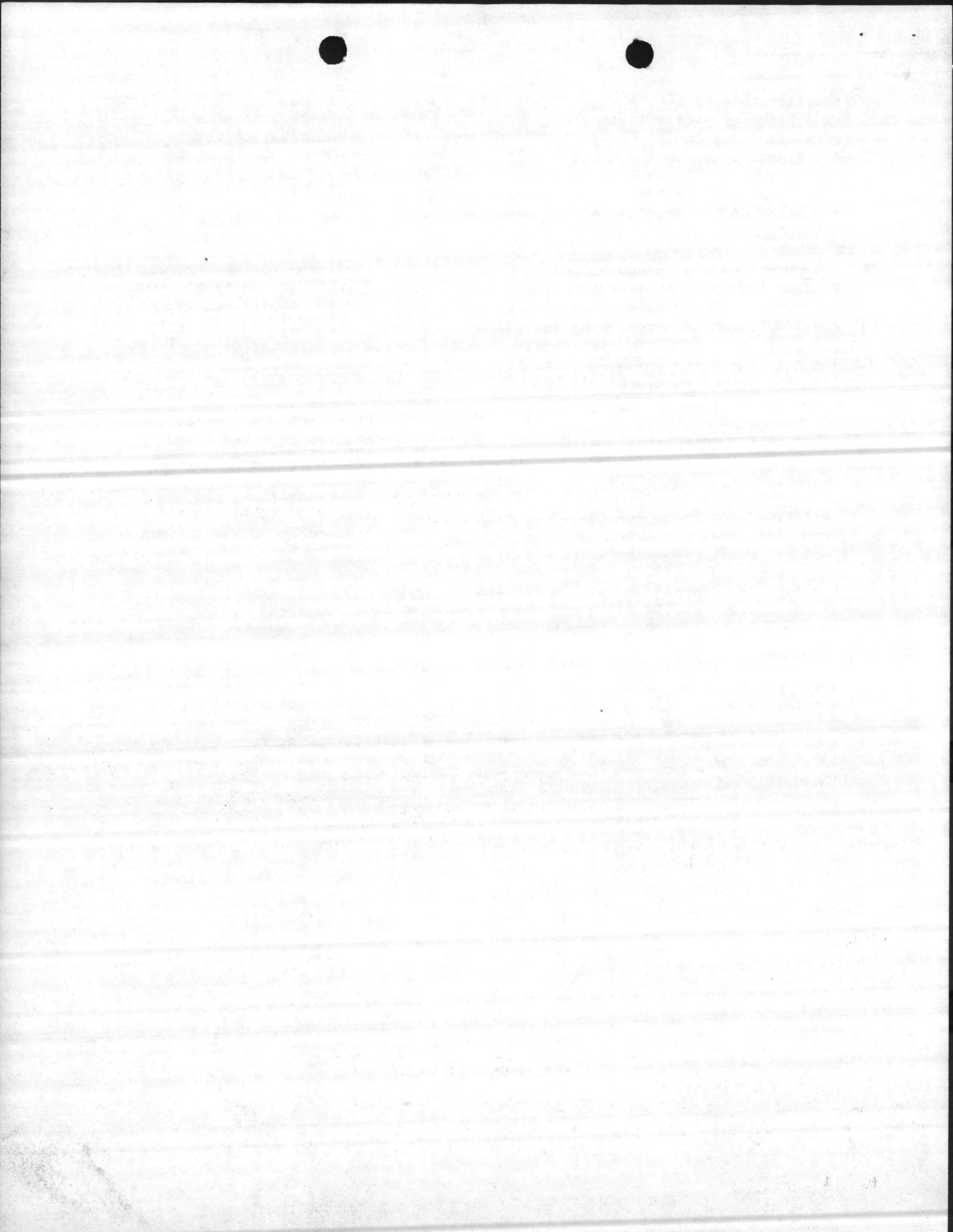
For further information, please contact \_\_\_\_\_ Atlantic Division, Naval Facilities Engineering Command, Norfolk, Virginia, telephone 444-\_\_\_\_, area code 804.

This letter is not intended as a commitment by the Government, and any expense incurred in preparation of the fee proposal is your responsibility. A contract award will await successful completion of fee negotiations.

(MCON PARAGRAPH) All information contained in this letter is for "Official Use Only" and must not be divulged to persons other than those having a definite "Need to Know" without prior approval in writing from this Command.

Sincerely,

Encl:  
(See Page 3)



Encl:

- Scope of Work (Appendix A)
- LANTNAVFACENGCOM 4-4330/89C (REVISED 10/84)
- LANTNAVFACENGCOM Instructions for Preparation of PEDs
- Cost Model
- A&E Fee Proposal Submittal
- SF Form 1411, Contracting Pricing Proposal Cover Sheet (5 copies)
- Certificate of Current Cost or Pricing Data (5 copies)
- Representations and Certifications Form

Blind copy to: (w/o encls)

Activity \_\_\_\_\_

09A2 (2 copies)

09A2A/E

09A2S(DF)

