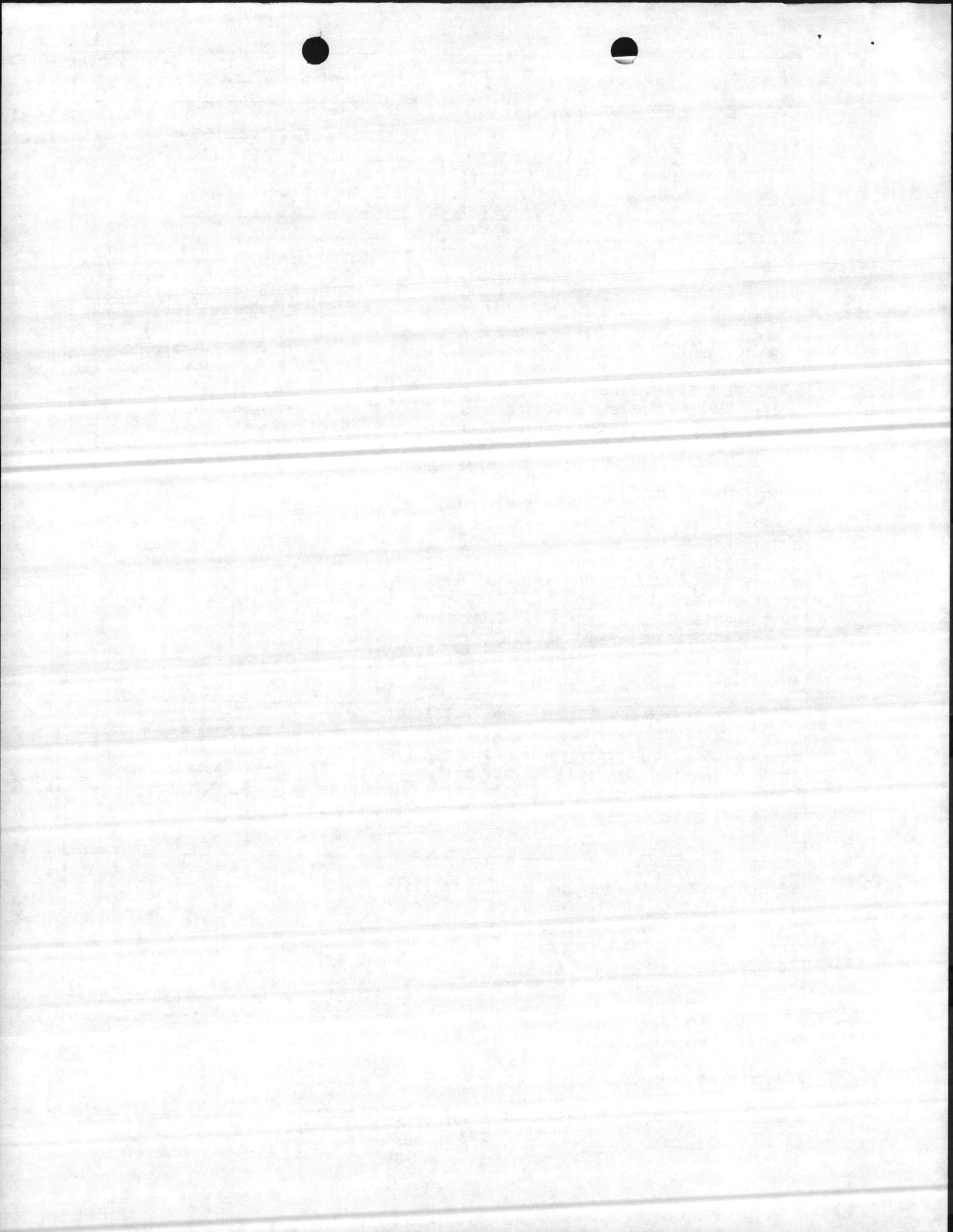
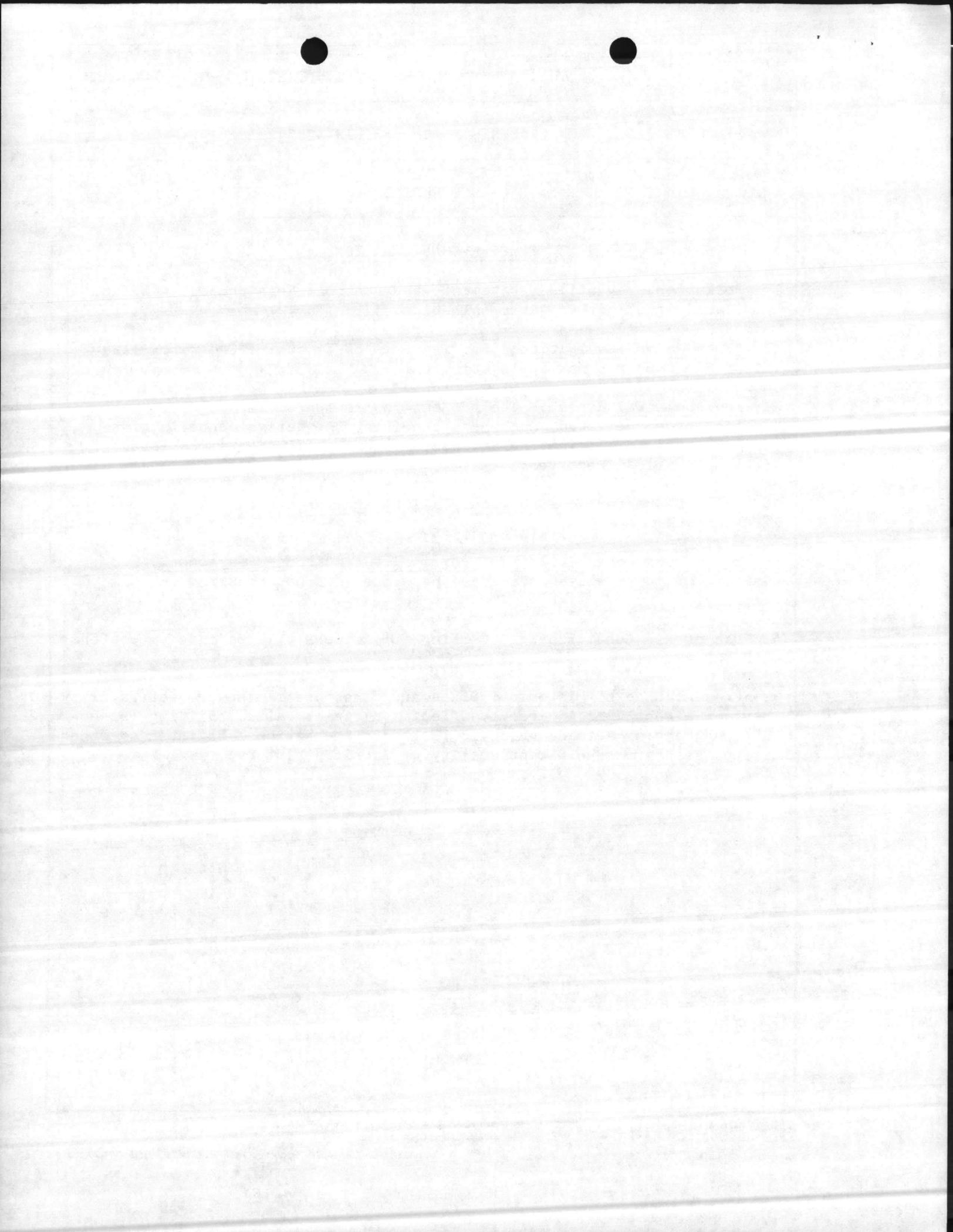


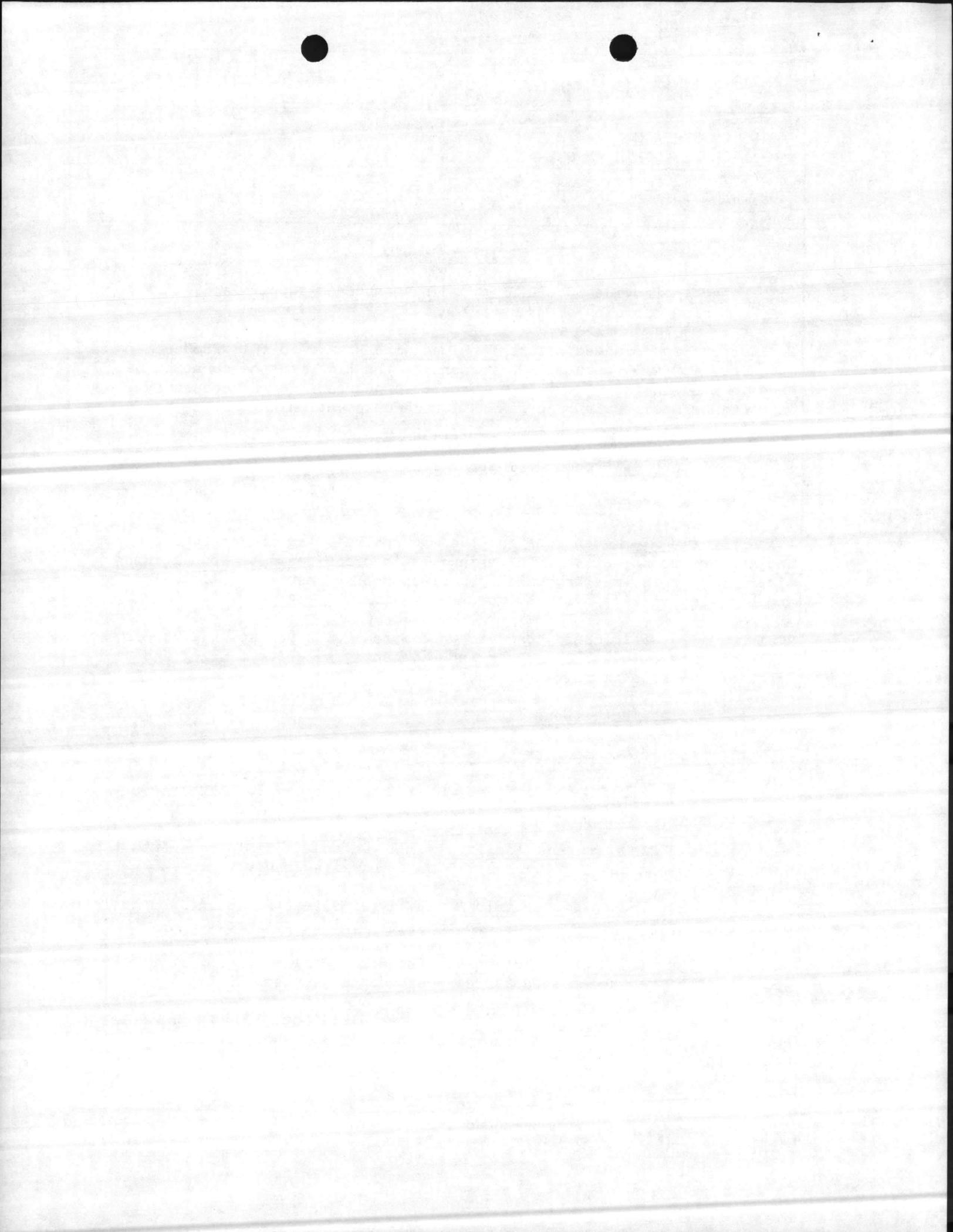
1. COMPONENT NAVY		FY 1986 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 1 Aug 83	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542			4. PROJECT TITLE LIGHT ARMORED VEHICLE MAINTENANCE FACILITY		
5. PROGRAM ELEMENT		6. CATEGORY CODE 214-51	7. PROJECT NUMBER P-806	8. PROJECT COST (\$000) 8,700	
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
LAV MAINTENANCE FACILITY		SF	50,850	87.47	4,448
Vehicle Maintenance		SF	24,400	101.60	(2,479)
Elecnx/Comm Maintenance		SF	9,750	103.59	(1,010)
Ready Issue Storage		SF	12,200	48.25	(589)
Armory		SF	4,500	80.22	(370)
SUPPORTING FACILITIES					3,378
Wash Apron w/Pollution Control		SY	3,200	50.00	(160)
Covered Parking, & Pavements, Flexible		SY	54,000	40.00	(2,160)
Security Fencing, Lighting & Electrical		LS	-	-	(260)
Water, Steam Sewers, Fire Alarm/Telephone					
Sys. Site Improvements &		LS	-	-	(500)
Pile Foundation & Antenna Towers (3)		LS	-	-	(298)
SUBTOTAL		LS	-	-	7,826
CONTINGENCY - 5%		LS	-	-	391
ESTIMATED CONTRACT COST		LS	-	-	8,217
SUPERVISION, INSPECTION & OVERHEAD 5.5%		LS	-	-	452
TOTAL REQUEST (ROUNDED)		LS	-	-	8,700
INSTALLED EQUIPMENT; OTHER APPROPRIATIONS		-	-	-	-
*COST DATA DERIVED FROM DOD MILITARY CONSTRUCTION COST REVIEW GUIDE DOD 4270.1-CG AND ESCALATED TO FY-86.					
10. DESCRIPTION OF PROPOSED CONSTRUCTION: A one and two storied building with high bays, reinforced concrete on pile foundation with masonry walls, concrete floors and roof, built-up roofing and insulation. Overhead doors, fire protection and alarm systems, energy conservation and pollution abatement features, wash aprons, pavements, security fencing, lighting and utilities connections are included in the project.					
11. REQUIREMENTS: PROJECT: Provide shop and storage facility for the Light Armored Vehicle (LAV) Battalion of the 2d Marine Division. REQUIREMENT: Shop and storage required to carry out an adequate maintenance program for assigned vehicles and electronic equipment. CURRENT SITUATION: This is a new mission to be effective by FY-1985. There are no adequate facilities available to support this mission. IMPACT IF NOT PROVIDED: Maintenance capabilities will be adversely affected as these are new combat vehicles with complex maintenance requirements. Further, the new Highly-Mobile Maintenance Vehicle (HMMV) will be part of the T/E for this LAV Battalion.					
EGJ					



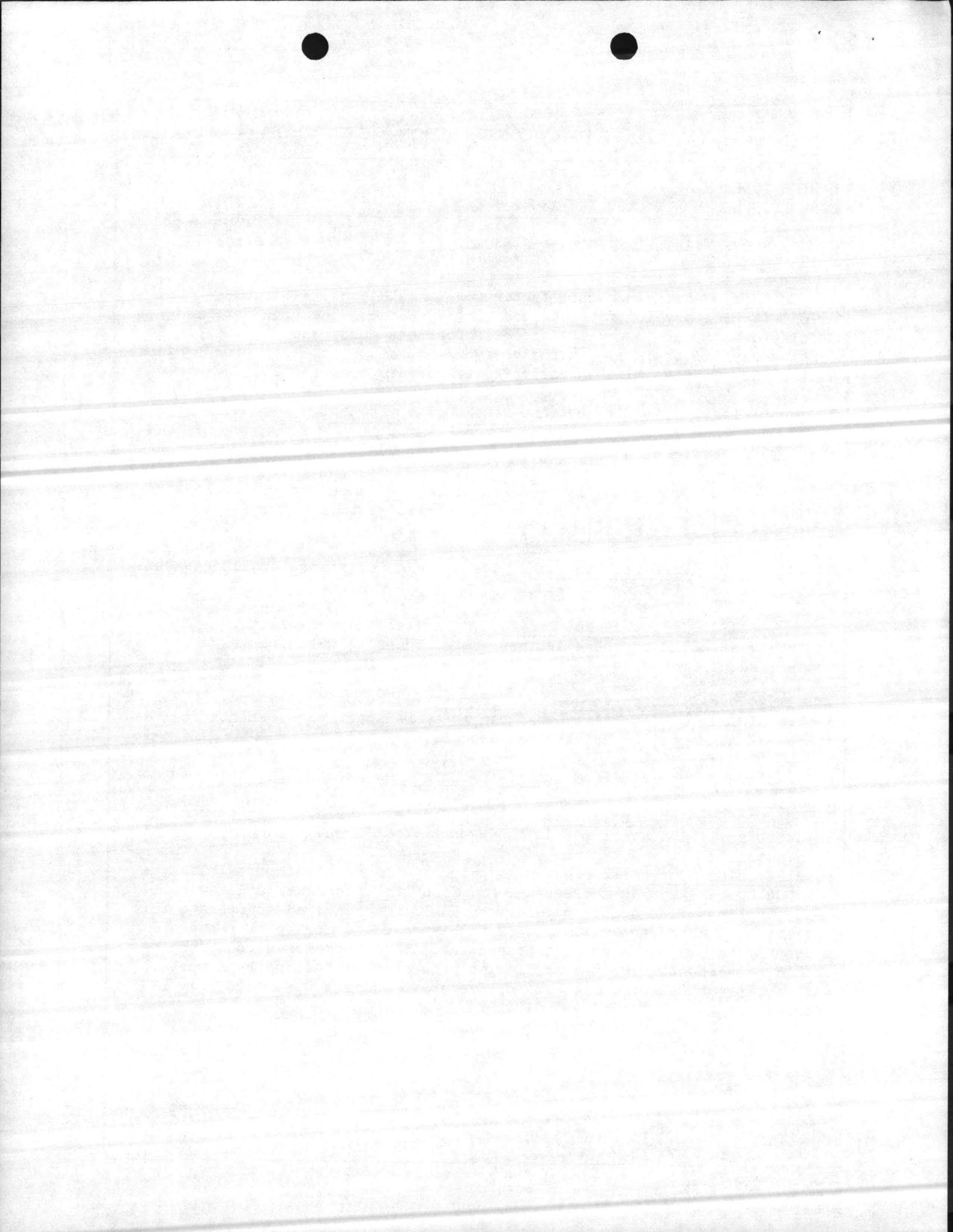
1. COMPONENT NAVY	FY 19 <u>86</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 1 Aug 83
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	5. PROJECT NUMBER P-806	
<p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p> <ol style="list-style-type: none"> <li>1. <u>Pollution Prevention, Abatement, and Control</u>: This project will not cause additional air or water pollution.</li> <li>2. <u>Flood Hazard Evaluation</u>: Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.</li> <li>3. <u>Environmental Impact</u>: The project Environmental Impact Assessment has been made, reviewed, and where required, the design concepts give consideration to eliminating adverse environmental effects consistent with applicable directives.</li> <li>4. <u>Fallout Shelter Construction</u>: Fallout shelter protection is incorporated in this project.</li> <li>5. <u>Design for Accessibility of Physically Handicapped Personnel</u>: Provisions for physically handicapped personnel are not required in this facility.</li> <li>6. <u>Use of Air Conditioning</u>: Ceiling "U" factors will be made to conform with DOD 4270.1-M.</li> <li>7. <u>Preservation of Historical Sites and Structures</u>: The project facility 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.</li> </ol>		



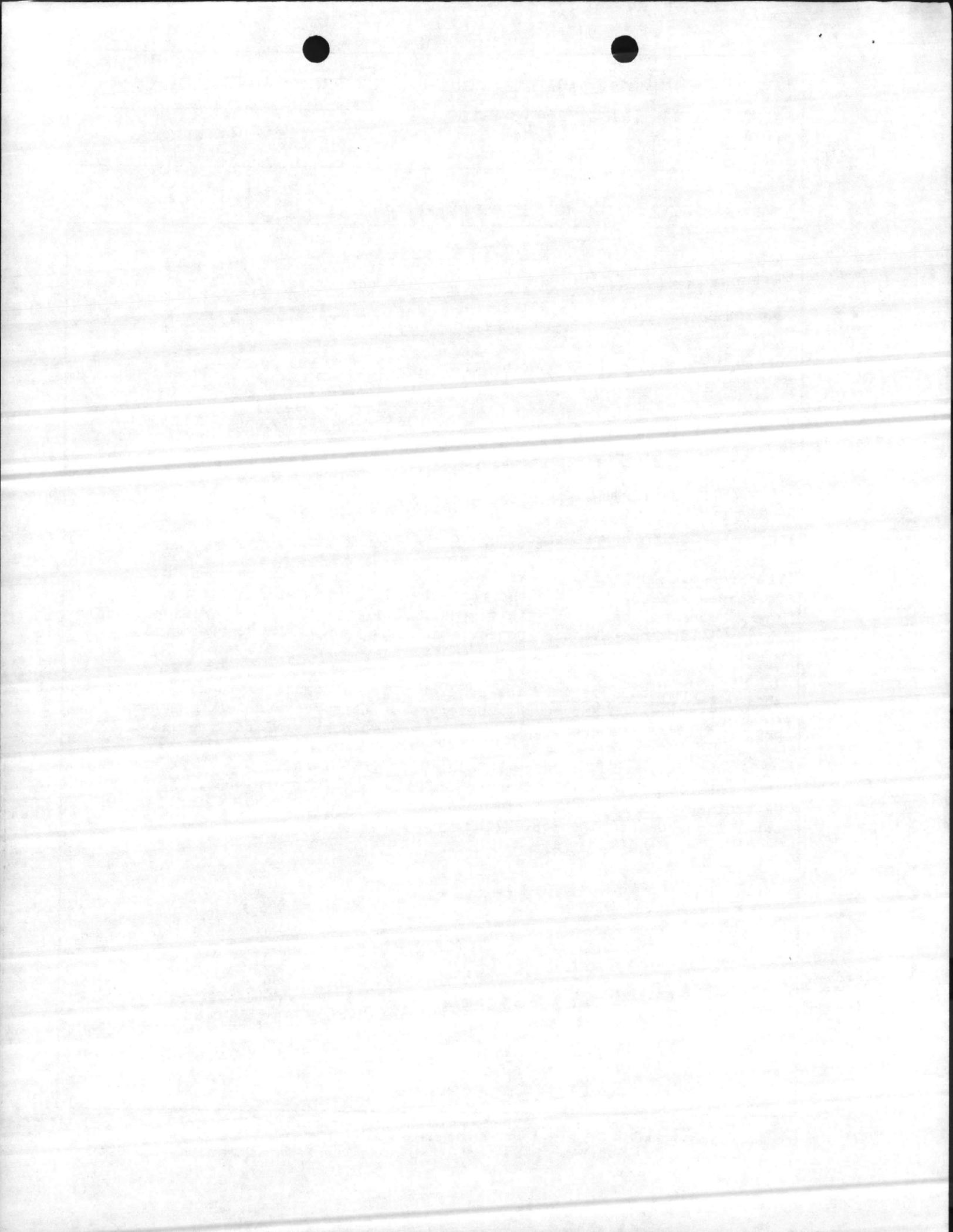
1. COMPONENT NAVY	FY 19 <u>86</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 1 Aug 1983
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<p style="text-align: center;"><u>FACILITY STUDY</u></p> <p>1. <u>Project.</u> Provide 50,850 SF of maintenance and supply facilities for the 2d Marine Division's LAV Battalion.</p> <p>2. <u>Current and Planned Future Workload with Regard to this Project.</u> This facility will be used 100 percent of the time and the duration of need is indefinite. There is no projected decrease in the necessary maintenance and repair of organizational equipment which must be performed in this facility.</p> <p>3. <u>Description of Proposed Construction.</u></p> <p style="padding-left: 2em;">a. <u>Type of Construction</u></p> <p style="padding-left: 4em;">(1) Permanent one and two storied building of reinforced concrete and masonry construction with pilings, reinforced concrete foundations, floors and roofs, masonry walls, built-up roofs, insulation, interior and exterior utility systems.</p> <p style="padding-left: 4em;">(2) Reinforced concrete wash aprons with pollution controls, rigid and flexible walks and parking pavements, security fencing and lighting and site improvements.</p> <p style="padding-left: 2em;">b. <u>Replacement.</u> None</p> <p style="padding-left: 2em;">c. <u>Description of Work to be Done.</u></p> <p style="padding-left: 4em;">(1) <u>Primary Facilities.</u> Modular reinforced concrete/masonry structures on pile foundation.</p> <p style="padding-left: 6em;">(a) <u>Support Facilities.</u> Rigid and flexible pavements, security fencing and lighting, utilities, and site improvements.</p> <p style="padding-left: 4em;">(2) <u>Energy Conservation.</u> Energy efficient equipment and building orientation for maximum energy conservation will be utilized.</p> <p style="padding-left: 4em;">(3) <u>Collateral Equipment.</u> The collateral equipment requirements will be submitted under separate correspondence when formulated.</p> <p style="padding-left: 4em;">(4) <u>Supporting Facilities.</u> Special piling, foundation, solar hot water system, collateral equipment, site improvement, pollution abatement, etc.</p>		



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<p>4. <u>Cost Estimate.</u> Area cost factor for Camp Lejeune, NC is 0.95 DOD 4270.1-CG Military Construction Cost Review Guide. The book data is escalated to FY-84 to provide the cost for these proposed facilities. The contingency factor is 5% and the cost growth factor is based upon projected NAVFAC Cost Indices with an estimated award date of April 1984.</p> <p>5. <u>Justification for Project and for Scope of Project.</u></p> <p>a. <u>Justification for project.</u></p> <p>(1) <u>Project.</u> Proposed facilities are required to provide the 2d Marine Division adequate and secure facilities to perform LAV/automotive organizational equipment maintenance.</p> <p>(2) <u>Current Situation.</u> There are no existing facilities available to support this new mission.</p> <p>(3) <u>Impact if Not Provided.</u> Maintenance capabilities will be adversely affected as these are new combat vehicles with complex maintenance requirements.</p> <p>b. <u>Justification for Scope of Project.</u> The project scope, 76,902 SF, is the minimum size facility that can meet the space requirements for the proposed LAV Battalion maintenance program.</p> <p>6. <u>Equipment Provided from Other Appropriations.</u> Not applicable.</p> <p>7. <u>Common Support Facilities.</u> Not applicable. There are no common support facilities available in the Hadnot Point Area.</p> <p>8. <u>Effect on Other Resources.</u> The project will require approximately \$55,000.00 per year in increased O&amp;MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. The project will enhance and improve the morale of personnel presently working in widely dispersed facilities. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977 and implemented by NAVFACINST 4100.5A.</p>		



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<p style="text-align: center;"><u>UTILITY REQUIREMENTS</u></p> <p>a. Electricity      Consumption <u>148,900</u> KWHR/yr  Peak Demand <u>170</u> KW  Avg Demand <u>148</u> KW</p> <p>b. Steam            Consumption <u>35,804,983</u> lbs/yr  Demand <u>12,822</u> lbs/yr</p> <p>c. Coal              <u>1,400.1</u> tons/yr</p> <p>d. Adequate utility requirements are available.</p> <p>9. <u>Siting of the Project.</u> See enclosure (1).</p> <p>10. <u>Other Graphic Presentations, including Photographs.</u> None</p> <p>11. <u>Economic Analysis.</u> These facilities are being constructed in a developed area of the Base and the economic saving will be in nominal energy consumption savings to be realized from efficient operations. This is a military operational project which must support an operational mission.</p> <p>12. <u>Environmental Impact.</u> The project will not cause any additional air or water pollution and energy conservation measures and features have been considered to enhance the design and economics of the facility.</p> <p>13. <u>Quantitative Data.</u> (Hadnot Point Area (DA)). NAVFAC P-80 states that the requirement for Category Code 214-51, Auto Org. Shop, is determined from definitive drawings given in NAVFAC P-272, Part IV. The total requirements are 383,024 SF.</p>		



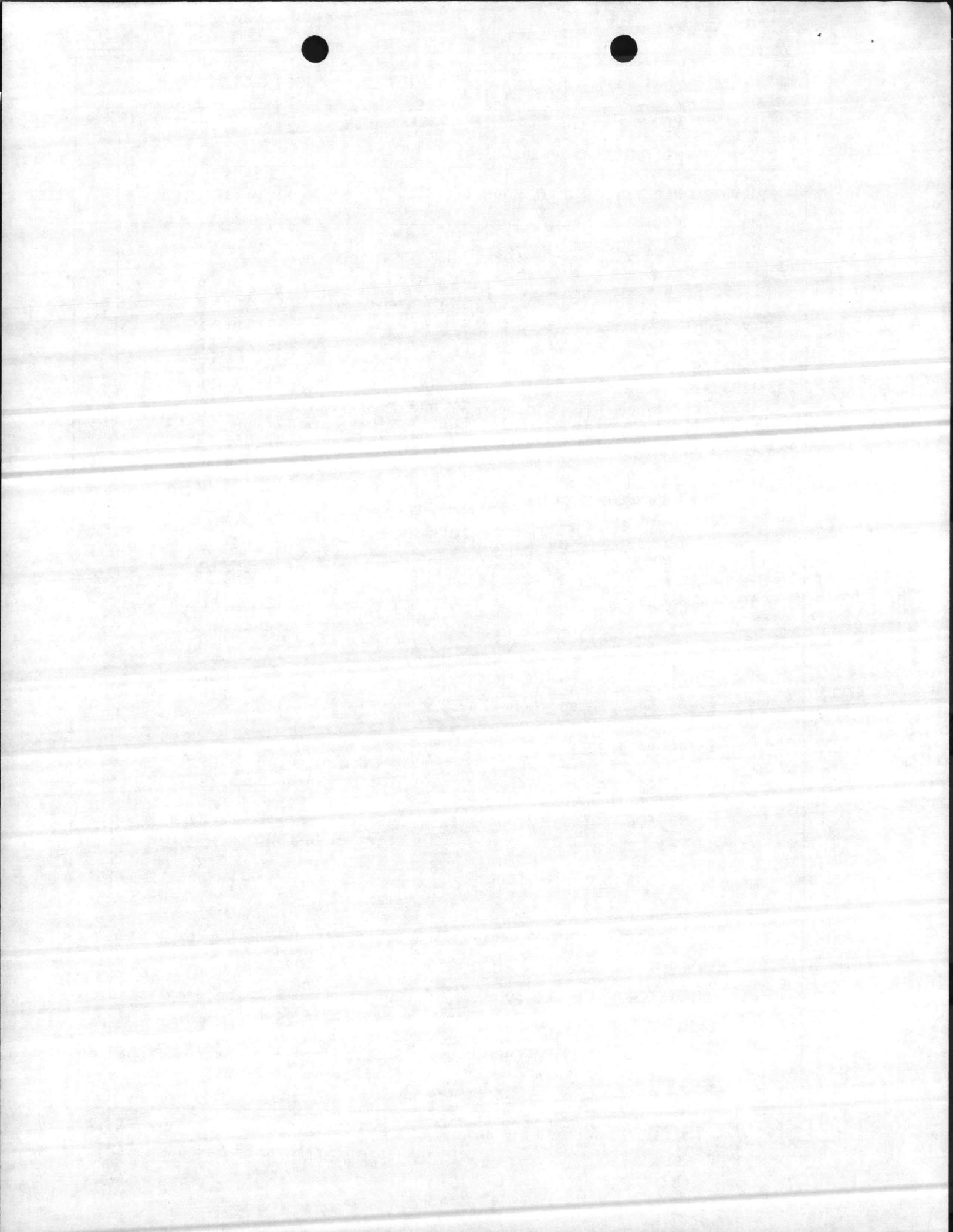
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<u>NAVFAC Drawing No.</u>		<u>Area</u>
1293369/70	1 MT Bn	19,290 SF
1293373	1 HQ BN	13,310 SF
1294450	1 Ser Bn	17,530 SF
1293378	1 S.P. Bn	18,280 SF
1293376	1 Med Bn	8,500 SF
1293371	1 Engr Bn	21,000 SF
1293372	1 Arty Bn	17,640 SF
1293374(3 x 25,915)	Inf Bns	77,745 SF
1293375M (3 x 14,212)	Arty Sup Bn	42,636 SF*
1293376	Recon Bn	8,500 SF
1293373 (M) 15,795 SF		
1294442 (M) 23,688 SF		
1294442 (M) 26,208 SF	2d Tank Bn	73,691 SF
		8,000 SF
1293373 (M)		
1294442 (M)	LAV Bn	64,902 SF
1294442 (M)		
TOTAL		383,024 SF

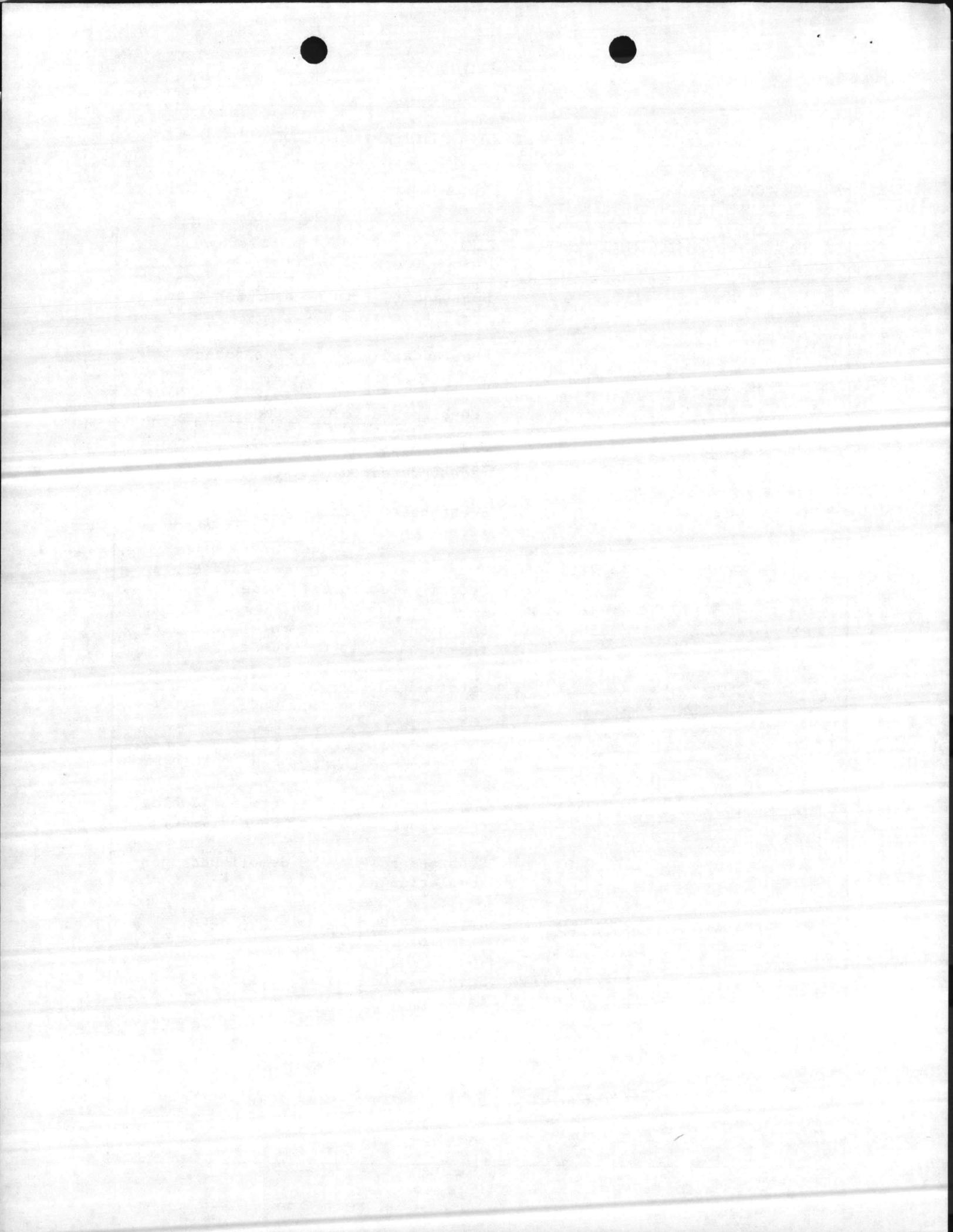
b. Existing Assets (CCN 214-51)

(1) Substandard

<u>Bldg. No.</u>	<u>Area</u>	<u>Remarks</u>
574	(2,800)	Substandard - to be demolished on start of P-139.
576	(2,800)	Substandard - to be demolished on start of P-536.
598	(2,800)	Substandard - to be demolished on start of P-139.
739	(4,000)	Substandard - to be demolished on completion of P-536.
746	(960)	Substandard - to be demolished on completion of P-536.



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	909*	(16,400)	Substandard - to be demolished on completion of P-054.
	1018	(390)	Substandard - to be demolished.
	1205	(4,396)	Substandard - to be retained & bldg redesignated to <u>Cat. Code 214-40.</u>
	1206	(4,396)	Substandard - to be retained & bldg redesignated to <u>Cat. Code 214-40.</u>
	1405	(4,396)	Substandard - to be retained & bldg redesignated to <u>Cat. Code 229-50.</u>
	1406	(4,296)	Substandard - to be retained & bldg redesignated to Cat. Code 214-40.
	1505	(4,396)	Substandard - to be retained & bldg redesignated to Cat. Code 214-40.
	1506	(4,396)	Substandard - to be retained & bldg redesignated to Cat. Code 214-40.
	1604	(4,396)	Substandard - to be retained & bldg redesignated to Cat. Code 214-40.
	1605	(4,396)	Substandard - to be retained & bldg redesignated to Cat. Code 214-40.
	1607*	(2,000)	Substandard - to be demolished upon completion of P-054
	1711	(8,000)	Substandard - to be demolished on start of P-530.
	1760	(105)	Substandard - to be retained & modernized.
	1809*	(6,400)	Substandard - to be demolished upon completion of P-139.
	1815	(1,600)	Substandard - to be demolished on start of P-511.



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1817	(12,000)	Substandard - to be demolished on start of P-511.
1819*	(4,000)	Substandard - to be demolished on start of P-512.
1820*	(752)	Substandard - to be demolished when adequate facilities provided.
1822	(8,000)	Substandard - to be demolished when adequate facilities provided.
1823	(4,000)	Substandard - to be demolished upon completion of P-139.
1826*	(4,000)	Substandard - to be demolished upon start of P-139.
1827	(12,000)	Substandard - to be demolished on start of P-139.
1828	(12,000)	Substandard - to be demolished when adequate facilities provided.
1832	(8,000)	Substandard - to be demolished on start of P-536.
<b>SUBTOTAL</b>		
	(168,175)	

(2) Adequate

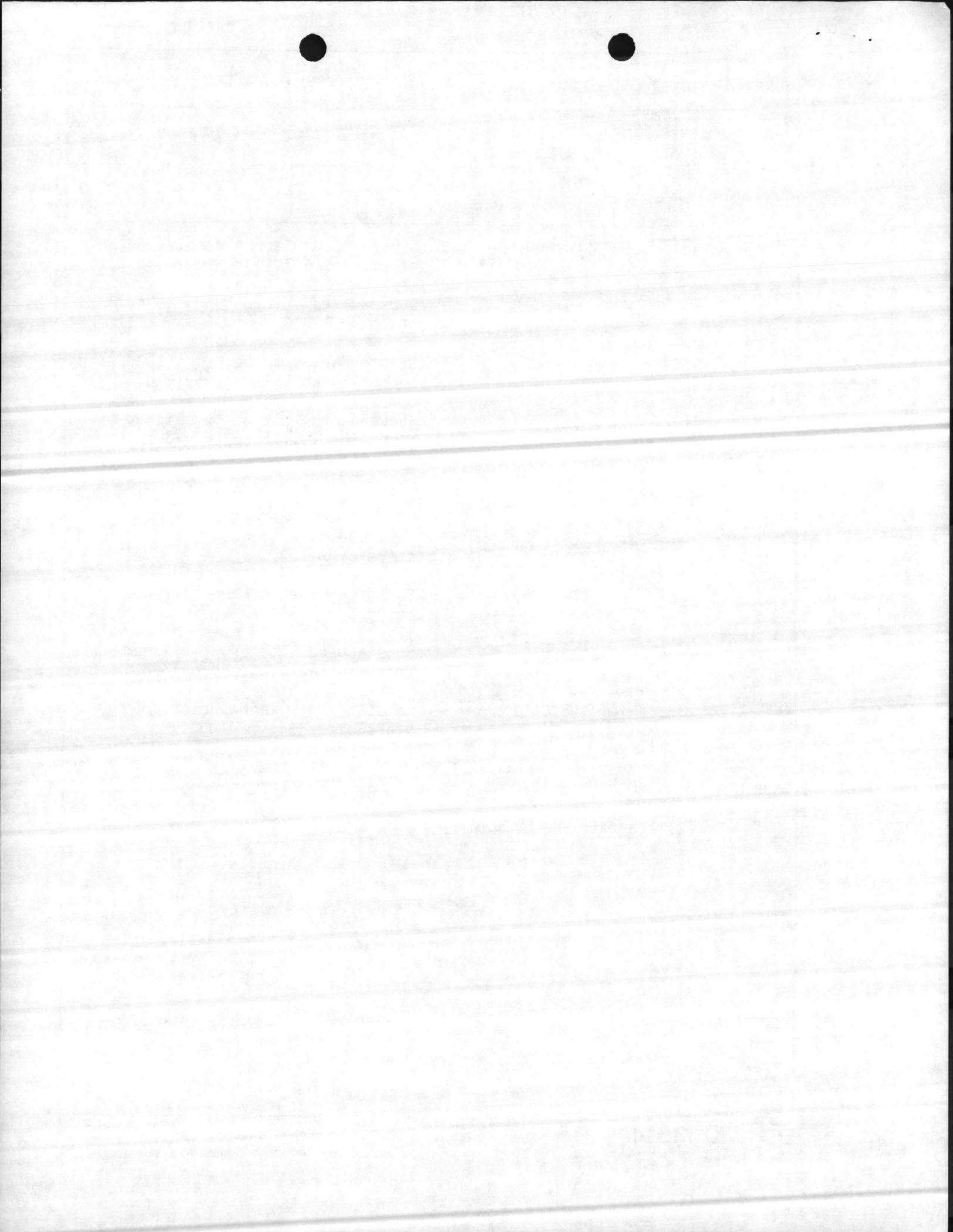
<u>Bldg. No.</u>	<u>Area (SF)</u>	<u>Remarks</u>
1739	960	Retain in use CCN 214-51
1750	4,740	Retain in use CCN 214-51
1755	<u>4,100</u>	Retain in use CCN 214-51
<b>SUBTOTAL</b>	9,800	Adequate
P-138	<u>42,500</u>	Under construction
	52,300	Utilized for CCN 214-51

\*Multi-use building

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1 DEC 76

PREVIOUS EDITIONS MAY BE USED INTERNALLY  
UNTIL EXHAUSTED

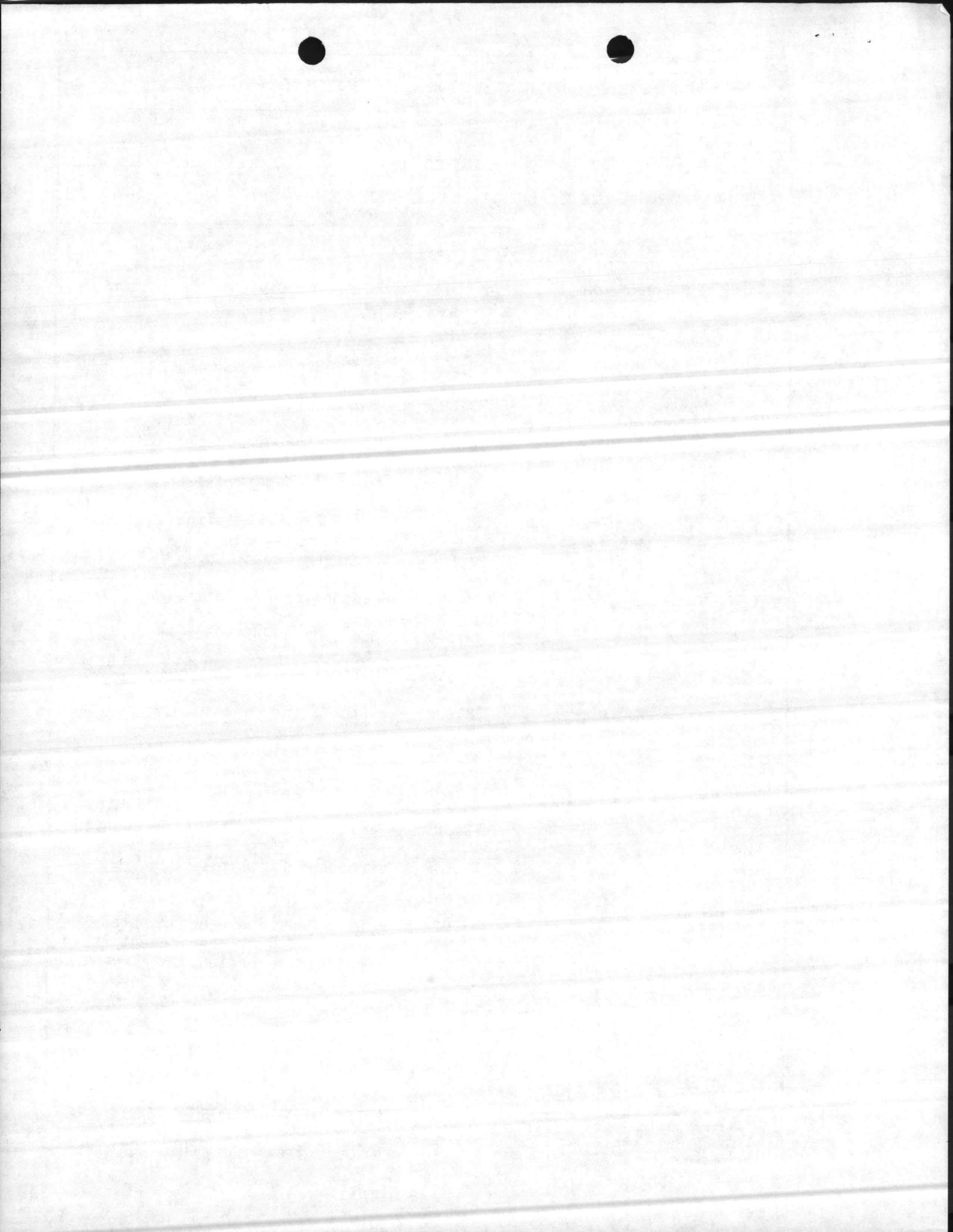
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c. Planned Facilities

<u>Proj. No.</u>	<u>Area (SF)</u>	<u>2d Marine Division Organizations</u>
P-526	25,915	Marine Infantry Regiment
P-525	25,915	Marine Infantry Regiment
P-536	73,691	Tank Bn
P-196	25,915	Marine Infantry Regiment
P-530	19,290	Motor Transport
P-562	18,280	Shore Party Battalion
P-503	21,000	Engineer Battalion
P-568	8,500	Reconnaissance Battalion
P-445	30,840	Hdqs. Bn and Service Bn.
P-563	8,500	Medical Battalion
P-678	8,500	10th Marines
P-806	<u>64,902</u>	LAV Battalion
SUBTOTAL	331,248	Planned Facilities
	52,300	Existing Adequate, Under Construction
TOTAL	<u>383,548</u>	Proposed Facilities
BFRL TOTAL REQUIREMENTS	383,024 SF + Difference between proposed SF Area and BFRL Requirement is in Definitive Designs	



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

CATEGORY CODE AND PROJECT TITLE	TYPE OF FUNDING	COST (\$000)	PROGRAM YEAR
214-51 LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	MCON	\$7.100	FY-84

PROJECT DESCRIPTION	REMARKS
One and two story building with high bays; reinforced concrete on pile foundation, masonry walls, concrete floors and roof, built-up roofing and insulation.	This project supports a new mission promulgated by this Command's FSR dated 3 Dec 1980.

TYPE OF MAP	DATE	REQUESTED BY (Typed name and signature)	DATE
Site Location (Encl 1)		R. E. CARLSON, CDR, SEC, USM	1 Aug 83

ANALYSIS	PUBLIC WORKS OFFICER	DATE RECEIVED
(Place a check (✓) in box opposite each item. Y = Yes; N = No; NA = Not Applicable)		

Y	N	NA	PROJECT SITING CONSIDERATION	Y	N	NA	PROJECT SITING CONSIDERATION
			a. COMPATIBLE WITH ACTIVITY PLANNED DEVELOPMENT GOALS				d. COMPLIES WITH THE FOLLOWING CRITERIA:
			b. DEMONSTRATES SOUND PLANNING PRINCIPLES				(1) AMMUNITION AND EXPLOSIVES
			c. MEETS MINIMUM PLANNING AND SITING CRITERIA				(2) ELECTROMAGNETIC RADIATION
							(3) AIRFIELD SAFETY
							(4) NOISE INTENSITY
							(5) FIRE PROTECTION

COMPATIBLE WITH ACTIVITY MASTER PLAN (Check appropriate box)

<input type="checkbox"/> IDENTICAL	<input type="checkbox"/> NOT SHOWN BUT CONSISTENT	<input type="checkbox"/> *NOT SHOWN AND INCONSISTENT
<input type="checkbox"/> DIFFERENT BUT CONSISTENT		<input type="checkbox"/> *DIFFERENT AND INCONSISTENT

CRITERIA CERTIFICATION(S) REQUESTED (Check)

<input type="checkbox"/> DDESB	<input type="checkbox"/> CNO	<input type="checkbox"/> NAVSEA	<input type="checkbox"/> NAVEX	<input type="checkbox"/> NAVAIR	<input type="checkbox"/> OTHER:
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DATE CERTIFICATION(S) RECEIVED

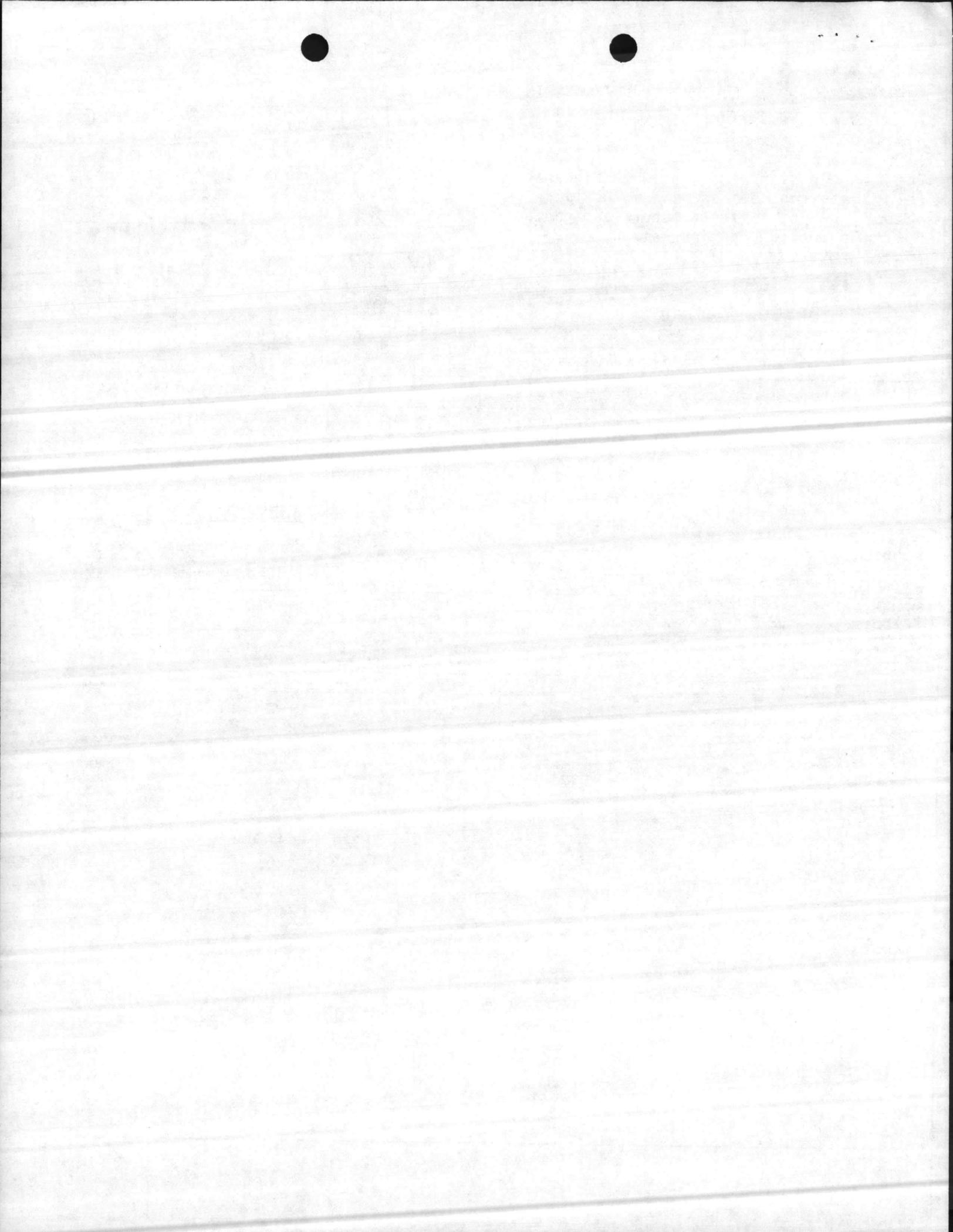
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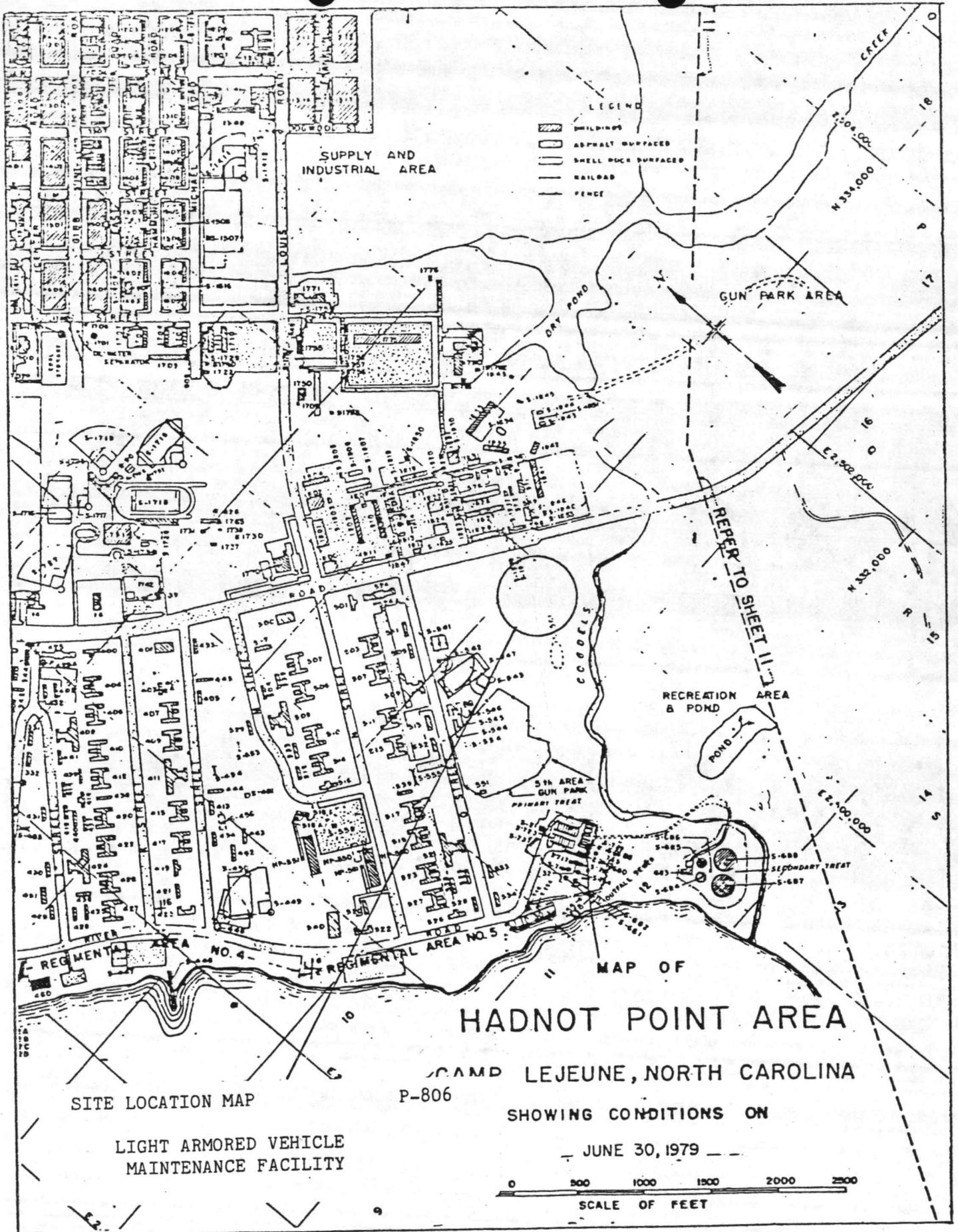
ACTION

<input type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED	<input type="checkbox"/> DEFERRED
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REMARKS

APPROVING OFFICIAL (Typed name and signature)	DATE





SITE LOCATION MAP

LIGHT ARMORED VEHICLE  
MAINTENANCE FACILITY

