

## DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND NORFOLK, VIRGINIA 23511-6287 TELEPHONE NO. (804) 444-9650 IN REPLY REFER TO: 11010

09A25

## 28 NOV 1987

From: Commander, Atlantic Division, Naval Facilities Engineering Command To: Commander, Naval Facilities Engineering Command (Code 21)

- Subj: FY-90 MARINE CORPS COST CERTIFICATION SUBMITTAL FOR PROJECT P-804, FIELD MAINTENANCE COMPLEX (INCREMENT 3), MARINE CORPS BASE, CAMP LEJEUNE
- Ref: (a) COMNAVFACENGCOM ALEXANDRIA VA 062151Z Feb 87 (b) COMNAVFACENGCOM ALEXANDRIA VA NAVGRAM Ser 0512/87223 of 31 Mar 87

Encl: (1) Cost Certification dtd 25 Nov 87 for \$21,000,000

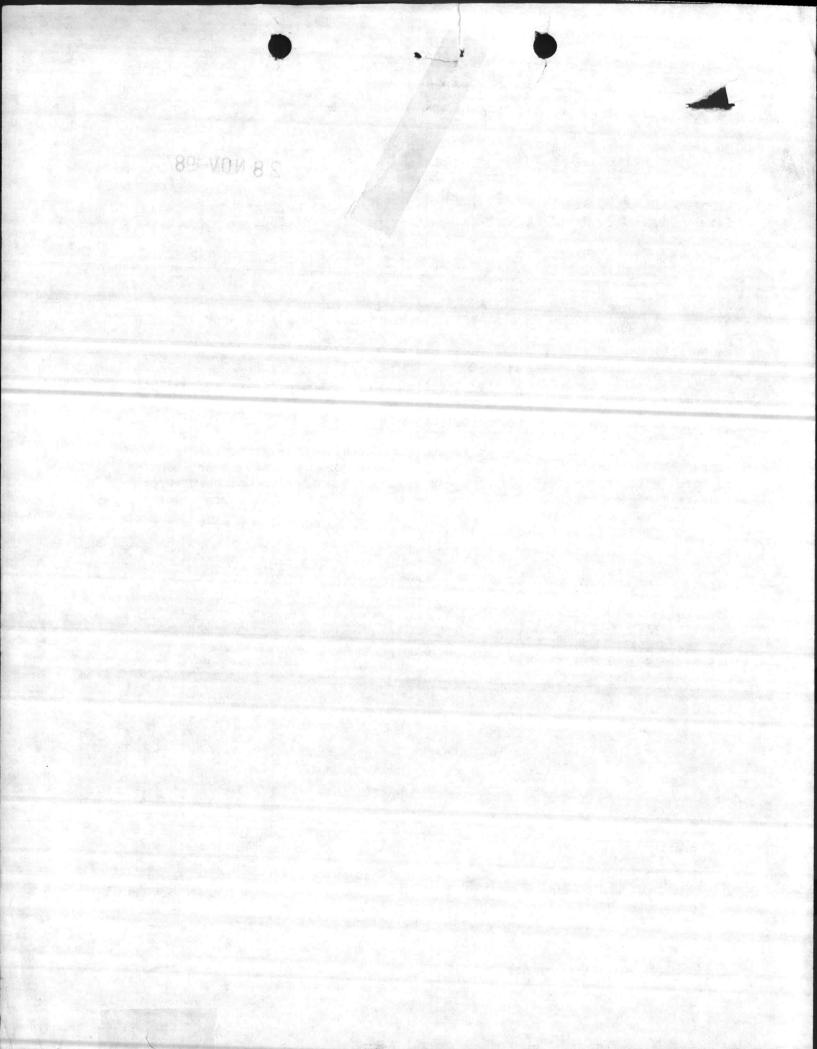
1. As requested by reference (a), enclosure (1) prepared in accordance with reference (b) is submitted.

2. Increment 1 is currently under construction and very poor soil conditions were found causing us to suspect that a pile foundation will be required for Increment 3. Additionally, various toxic substances are going to be handled in this facility necessitating large amounts of ventilation which in turn require large amounts of HVAC. Approximately 430 tons of HVAC are required.

> Wm. H. RUSSELL, P.E. By direction

Copy to: COMNAVFACENGCOM (Code 05) CMC (Code LFF) MCB CAMP LEJEUNE (Facilities) MCB CAMP LEJEUNE (PWO)

Laver



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

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD

PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA) Date: DFC 0 4 1987

Subj: FIELD MAINTENANCE COMPLEX, INCREMENT 3  $\rho$ -804

Action Sponsor: CG, 2d FSSG

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

BOARD ACTION

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

XX

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

1. An approved sediment control plan is obtained during project design from NC Division of Land Quality, Wilmington, NC.

2. Adequate storage for hazardous material/waste is included in project design.

3. Design of new underground storage tanks is completed per state standards, and registration of new tanks with NC Division of Environmental Management is forwarded through MCB Facilities Department within 30 days of installation.

4. Commercially harvestable timber is removed from the site prior to construction site preparation.

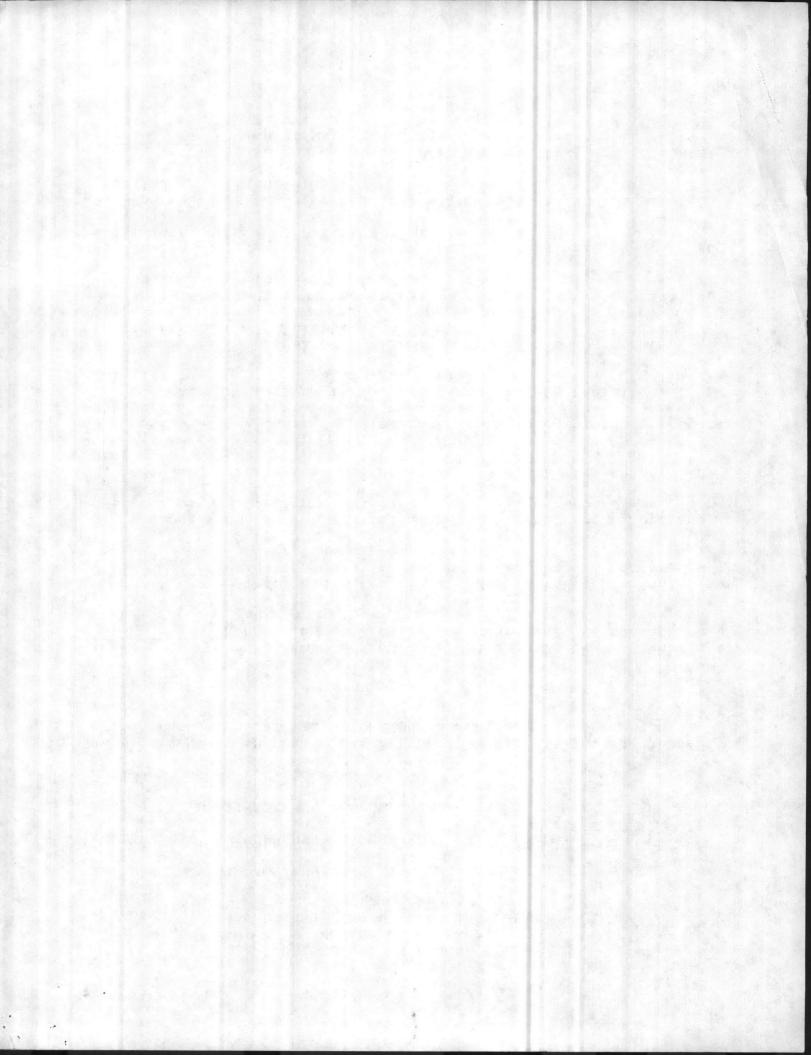
5. Approval of water and sewer extension plans and specifications is obtained from the State of NC as needed.

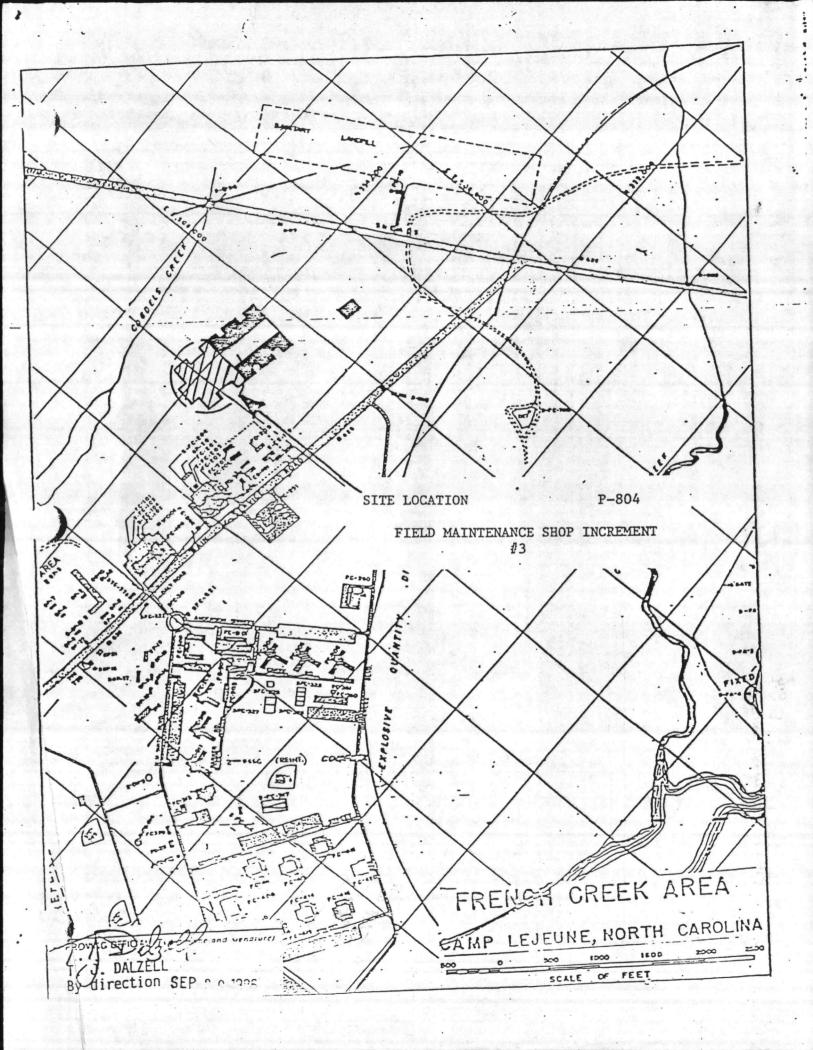
6. Design of oil/water separators shall include grit chambers and shall consider accessibility for maintenance.

7. Control of stormwater complies with revised state of North Carolina regulations.

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

ENCI (1) page 8 of 19





BO 11000.1B 1 May 1984

FIED Mand Complex (INCK TI) 10/9/8 REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: 2D FSSG

 Name, Address, Phone Number of Point of Contact: <u>Major Bancroft</u> G-4 Facilities Office 3456/3390

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

@roject P-804 Field Maintenance Complex (increment 3) construct permanent two-story shops and craneway with reinforced concrete foundation, concrete floors, masonry walls, built up roof and structrual steel frame. Interior support systems include air conditioning, steam compressed air, lube dispensing, plumbing, engine exhaust system, spray paint booth, overhead bridge cranes (75 ton, 20 ton, 15 ton, 10 ton, 5 ton and 1 ton); jib cranes (2 ton), overhead monorails (1 ton), twin post hydraulic vehicle lifts and wire partitians. Exterior support facilities includes concrete hardstand, concrete tank trail with roadway crossing, bituminous parking area, area lighting, sercuity fencing, site work and utilities. (82 tons air conditioning)

This project will not cause additional air or water pollution.

The project Environmental Impact Assessment has been made, reviewed, and where required, the design concepts give consideration to eliminating adverse environmental effects consist with applicable directives.



ENCLOSURE (1)

BO 11000.1B

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

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

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

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

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 drainwatewater be connected to sanitary sever? Yes Will there be an increase in consistent of disturbing activity? No Will perfore used at the site? Yes Will the project increase rates of surface/storm water run-off? No

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

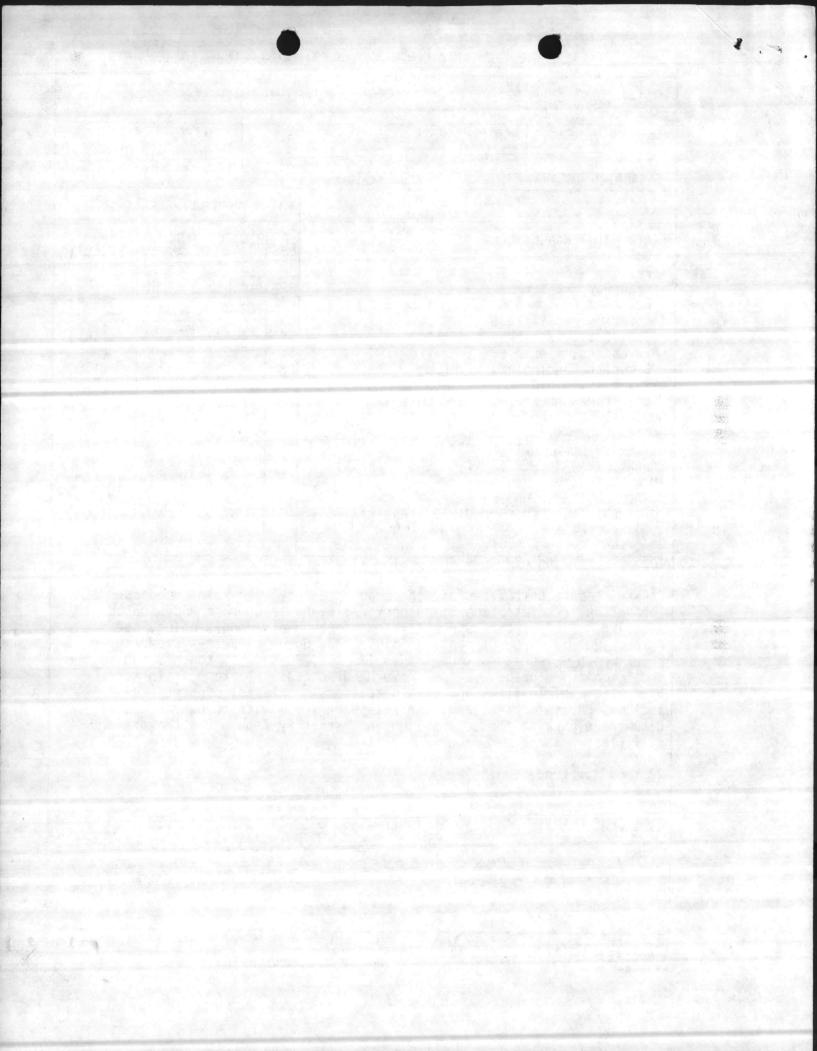
f. Socio-Economic Considerations: Will the project cause an increase/decrease in on or off-base military population? No Will there be any increased demand on a local or state government to provide services? No Will there be any changes to traffic flow and patterns on or off-base? Yes Will any noise,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

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

ENCLOSURE (1)

S/N 0102-LF-001-3910

\*U.S. GOVERNMENT PRINTING OFFICE: 1979-603-076/3959 2-1

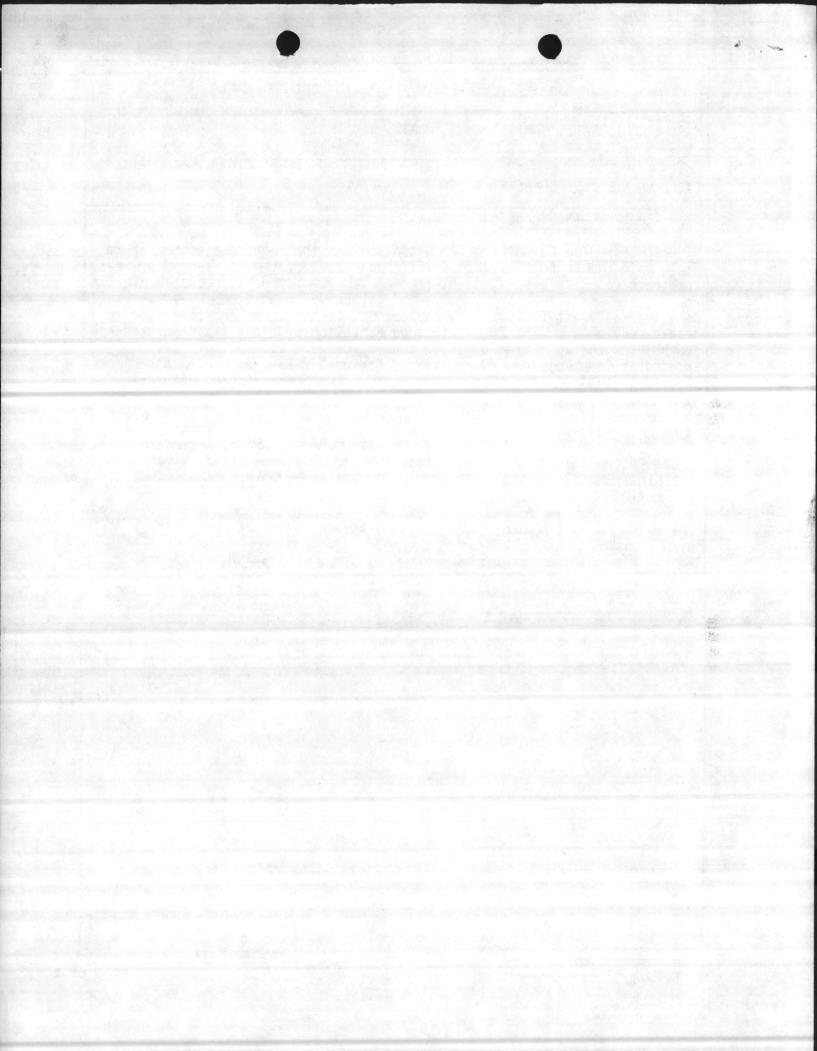


NAVY	FY 19 90 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Revised 3 Nov 86
MARINE CORPS	BASE, CAMP LEJEUNE, NORTH CAROLINA 28542	n a de
FIELD MAINTE		-804
REQUIREMENT: field mainter and track ver ance repair handling equ tronics equi support for located at ( located at ( located in the SC. This f and Ordnance CURRENT SIT in only 165 tenance dep (Buildings the Industr tenance is The metal B pieces insi be repaired ation of an coordinated IMPACT IF N adversely a	MENTS: (cont'd). The 2d Maintenance Battalion has the requirement mance for all East Coast ground equipment which is thicles (tanks, light armored vehicles, trucks, et (artillery and tank weaponry), heavy construction ipment (bulldozers, cranes, etc.), and communicat pment. The 2d Maintenance Battalion provides fits the 2d Marine Division and 2d Force Service Support Camp Lejeune, NC and the 2d Marine Air Wing with et- these areas: Cherry Point. NC: New River. NC: and acility will provide adequate maintenance shops for e Field Maintenance. UATION: The 2nd Maintenance Bn., performs field m 7448 SF of area in four converted warehouses, a WW ot, and a small metal Butler building. These faci- 900, 901, 902, 905, 1607 and 1771) are scattered t- ial Area of Camp Lejeune. The Artillery and Ordna being performed at several areas within the indica- utler buildings are too small to bring the larger de for required maintenance. Staging areas for eg- are also scattered throughout the Industrial Aread d makeshift substitute work spaces cause cumbersom work efforts severly hampering the mission of thi OT PROVIDED: The deadline time on equipment will ffected and maintenance capability will continue to ing adverse affect on the combat readiness of the te.	ncludes wheel c.), ordin- weight ions/elec- ld maintenance rt Group lements Beaufort, r Artillery aintenance -11 main- lities hroughout nce main- ted facilitie artillery uipment to . Scatter- e and un- s Battalion. remain o be impaired

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD 1 DEC 76 1391C

S/N 0102-LF-001-3915



. COMPONENT NAVY	FY 19_90 MILITARY CONSTRUCTION	I PROJECT DATA	2. DATE Revised 3 Nov 86
INSTALLATION	AND LOCATION		
MARINE CORP	S BASE, CAMP LEJEUNE, NORTH CAROLINA	28542	
PROJECT TITL		5. PRO.	IECT NUMBER
FIELD MAINT	ENANCE COMPLEX	asset for	P-804
	SPECIAL CONSIDERATION	<u>45</u>	
1. <u>Pollut</u> cause addi	ion Prevention, Abatement, and Contr tional air or water pollution.	rol: This proje	ct will not
2. Flood (Flood Haz	Hazard Evaluation: Requirements of ards) are not applicable.	Executive Order	No. 11296
has been m considerat applicable	nmental Impact: The project Environ ade, reviewed, and where required, ion to eliminating adverse environm directives.	the design conce ental effects co	pts give nsistent wi
4. Fallou porated in	t Shelter Construction: Fallout sh this project.	elter protection	is not inc
5. <u>Design</u> visions fo project.	for Accessibility of Physically Ha r physically handicapped personnel	ndicapped Person are not required	inel: Pro- in this
6. <u>Use of</u> with DOD 4	Air Conditioning: Ceiling "U" fac 270.1-M.	tors will be mad	le to confor
not direct	vation of Historical Sites and Structure by or indirectly affect a district, setting which is listed in the Nat a significant quality of American b	ional Register (	, structure,
8. "New S (OMB Circu	Start" Criteria for Commercial or Ir Mar A-76): Not applicable.	ndustrial Activi	ties Program
	행사 가슴을 가는 것 같아요. 이렇는 것이 많이		
			n nagaraga sa kar Tanggar sanggara sa s
		re 1. r Tonne rea	
and all the second second	and a second		

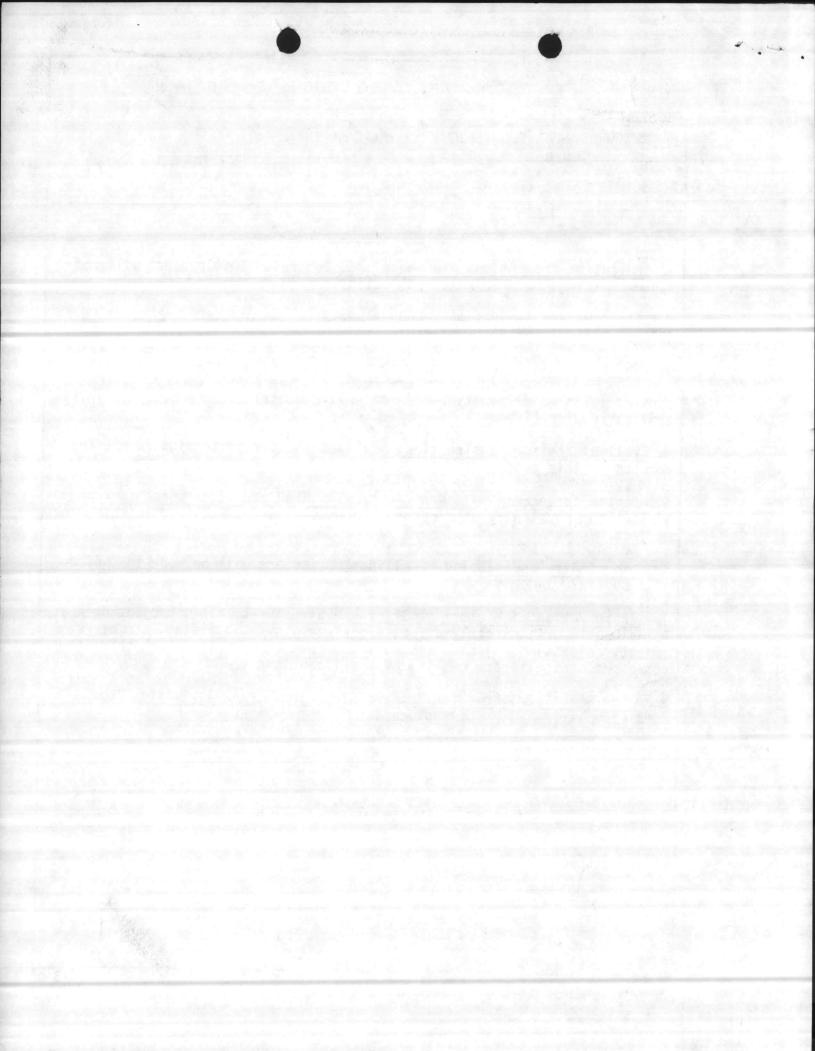
DD 1 DEC 76 1391C

.

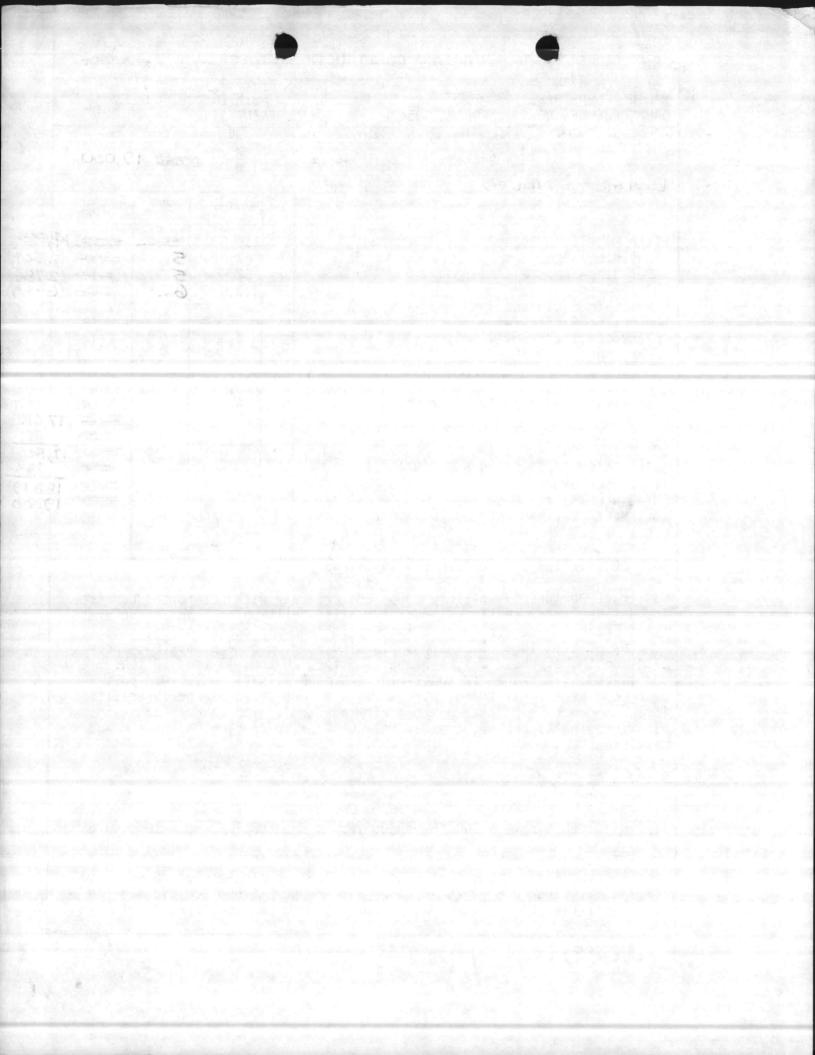
1

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE 3 of 3

U.S. GOVERNMENT PRINTING OFFICE: 1978-703-173/34312-1



214-53P-80422,50019,00EXAMPLE TO AREL CONSTRUCTION AREL CONSTRUCTION COSTITEMU/M QUANTITYUNIT COSTITEMU/M QUANTITYUNIT COSTITEMU/M QUANTITYUNIT COSTITEMU/M QUANTITYUNIT COSTITEMU/M QUANTITYUNIT COSTBUILD MAINTENANCE SHOPSF210,30084-3417,00BUILD MAINTENANCE SHOPSF210,30084-3417,00BUILD MAINTENANCE SHOPSF210,30084-3417,00BUILD MAINTENANCE SHOPSF210,30084-3417,00BUILD MAINTENANCE SHOPSF210,30052.72(2,00BUILD IN COSTSF110,00062.639,02GRE ANT REQUESTSF110,00022.639,02Colspan="2">SF110,00022.639,02Colspan="2">SF10,00014.00SF2.02(1,000 <th colspa<="" th=""><th>3. INSTALLATION AND LO MARINE CORPS BASE CAMP LEJEUNE, NOR 5. PROGRAM ELEMENT</th><th>TH CAROLINA 28542</th><th>FI (I</th><th>IELD N</th><th>MAINTENAN</th><th>1.1.1.1</th><th>•</th></th>	<th>3. INSTALLATION AND LO MARINE CORPS BASE CAMP LEJEUNE, NOR 5. PROGRAM ELEMENT</th> <th>TH CAROLINA 28542</th> <th>FI (I</th> <th>IELD N</th> <th>MAINTENAN</th> <th>1.1.1.1</th> <th>•</th>	3. INSTALLATION AND LO MARINE CORPS BASE CAMP LEJEUNE, NOR 5. PROGRAM ELEMENT	TH CAROLINA 28542	FI (I	IELD N	MAINTENAN	1.1.1.1	•
9. COST ESTIMATESITEMU/M QUANTITYUNIT COSTFIELD MAINTENANCE SHOP Building- Shop 2 Building- Shop 4SF210,30084-3417,500FIELD MAINTENANCE SHOP Building- Shop 2 Craneway Built-in EquipmentSF210,30084-3417,500SUPPORTING Facilities Tank trajl w/highway crossing Pavements, flexible Security Fencing and Lighting Pavement, rigid Utilities and Site ImprovementsSY4,40032.04(1SUBTOTAL CONTINGENCY - (5%) 	S. PROGRAM ELEMENT		Section Sugar Con	DMDER	A CARLES			
ITEMU/MQUANTITYUNIT COSTCO (SOFFIELD MAINTENANCE SHOP Building- Shop 2 Building- Shop 4 Craneway Built-in EquipmentSF210,30084.3417,7Supporting Facilities Tank trajl w/highway crossing Pavements, flexible Security Fencing and Lighting Pavement, rigid Utilities and Site ImprovementsSF210,30084.3417,7SUBTOTAL CONTINGENCY - (5%) ESTIMATED CONSTRUCTION COST SUPERVISION, INSPECTION & OVERHEAD (5.5%)SF210,30084.3417,7ITEMU/M SFSF210,30084.3417,717,7Supporting Facilities TOTAL REQUEST TOTAL REQUEST (ROUNDED)SF210,30084.3417,7Itemation Source ContingencySF210,30084.3417,7Itemation Source Supporting Facilities Supporting Facilities Supporting Facilities SUBTOTAL CONTINGENCY - (5%)SF210,30084.34Itemation Supporting Facilities Supporting Facilities S	Eline AR				6	2,500	7,00	
FIELD MAINTENANCE SHOP       SF       210,300       84-34       17,7         Building- Shop 2       SF       47,500       52.72       (2,9)         Building- Shop 4       SF       52,800       52.72       (3,9)         Craneway       SF       110,000       82.63       (9,9)         Built-in Equipment       LS       -       -       (2,3)         Supporting Facilities       LS       -       -       (2,3)         Tank trail w/highway crossing       SY       4,400       32.04       (1         Pavements, flexible       SY       6,950       14.00       (         Security Fencing and Lighting       LS       -       -       (1,0)         Pavement, rigid       SY       35,000       29.02       (1,0)         Utilities and Site Improvements       LS       -       -       (1,0)         SUBTOTAL       SV       SS       -       -       (1,0)         ESTIMATED CONSTRUCTION COST       SS       -       -       (1,0)         SUPERVISION, INSPECTION & OVERHEAD (5.5%)       -       -       -       (1,0)         TOTAL REQUEST       TOTAL REQUEST (ROUNDED)       -       -       -       -	ESCAUSTED TO AT		ST ESTIMATES	1	OUANTITY			
Building- Shop 2 Building- Shop 4 Craneway Built-in EquipmentSF47,50052.72(2,9)Supporting Facilities Tank trail w/highway crossing Pavements, flexible Security Fencing and Lighting Pavement, rigid Utilities and Site ImprovementsSF110,00062.63(9,0)SVBTOTAL CONTINGENCY - (5%) ESTIMATED CONSTRUCTION COST SUPERVISION, INSPECTION & OVERHEAD (5.5%)SF14.00(20,211,020,211,020,211,020,211,020,211,020,211,021,222,323,0029.0211,020,221,321,420,211,020,211,021,420,211,020,211,021,421,121,221,221,221,721,221,221,221,221,721,221,221,221,721,221,221,221,121,2 <t< td=""><td>The addition of the second sec</td><td></td><td></td><td>0/M</td><td>QUANTITY</td><td>COST</td><td>(\$00</td></t<>	The addition of the second sec			0/M	QUANTITY	COST	(\$00	
EQUIFIENT FROM DINER AFFROPRIATIONS - NON ADD	Building- Shop Building- Shop Craneway Built-in Equipm Supporting Facili Tank trajl w/hi Pavements, flex Security Fencin Pavement, rigid Utilities and S SUBTOTAL CONTINGENCY - (5% ESTIMATED CONSTRU SUPERVISION, INSP TOTAL REQUEST TOTAL REQUEST (RC	2 4 ent ties ghway crossing ible g and Lighting ite Improvements ) CTION COST ECTION & OVERHEAD UNDED)	for the second	SF SF LS LS SY SY LS SY	47,500 52,800 110,000 - 4,400 6,950	<b>5</b> 2.72 <b>6</b> 2.72 <b>8</b> 2.63 - - 32.04 14.00 - 29.02 -	(2,9 (3,3 (9,0 (2,3 2,4	
	Construct permane foundation, concr steel frame. Int compressed air, 1 paint booth, over and 1 ton); jib co hydraulic vehicle includes concrete	nt two-story shop ete floors, mason erior support sys ube dispensing, p head bridge crane ranes (2 ton), ov lifts and wire p hardstand, concr	s and crane ry walls, b tems includ lumbing, en s (75 ton, erhead mono artitions. ete tank tr	ouilt- de ain gine 20 to prails External w	-up roof exhaust on, 15 ton s (1 ton) erior supp with road	and stru oning, s system, n, 10 to , twin p port fac way cros	steam, spray on, 5 oost ciliti ssing,	
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct permanent two-story shops and craneway with reinforced concre foundation, concrete floors, masonry walls, built-up roof and structura steel frame. Interior support systems include air conditioning, steam, compressed air, lube dispensing, plumbing, engine exhaust system, spray paint booth, overhead bridge cranes (75 ton, 20 ton, 15 ton, 10 ton, 5 and 1 ton); jib cranes (2 ton), overhead monorails (1 ton), twin post hydraulic vehicle lifts and wire partitions. Exterior support faciliti includes concrete hardstand, concrete tank trail with roadway crossing, bituminous parking area, area lighting, security fencing, site work and utilities.	82 tons Air Condi	tioning)						
Construct permanent two-story shops and craneway with reinforced concre- foundation, concrete floors, masonry walls, built-up roof and structura steel frame. Interior support systems include air conditioning, steam, compressed air, lube dispensing, plumbing, engine exhaust system, spray paint booth, overhead bridge cranes (75 ton, 20 ton, 15 ton, 10 ton, 5 and 1 ton); jib cranes (2 ton), overhead monorails (1 ton), twin post hydraulic vehicle lifts and wire partitions. Exterior support faciliti includes concrete hardstand, concrete tank trail with roadway crossing, bituminous parking area, area lighting, security fencing, site work and	11. REQUIREMENT:	448,840 SF ADE	QUATE: 0 S	SF SI	JBSTANDARI	D: <u>165</u> ,	448 S	
Construct permanent two-story shops and craneway with reinforced concre- foundation, concrete floors, masonry walls, built-up roof and structura steel frame. Interior support systems include air conditioning, steam, compressed air, lube dispensing, plumbing, engine exhaust system, spray paint booth, overhead bridge cranes (75 ton, 20 ton, 15 ton, 10 ton, 5 and 1 ton); jib cranes (2 ton), overhead monorails (1 ton), twin post hydraulic vehicle lifts and wire partitions. Exterior support faciliti includes concrete hardstand, concrete tank trail with roadway crossing, bituminous parking area, area lighting, security fencing, site work and utilities. (82 tons Air Conditioning)		ct the third incr			Ath echelo	on maint	enanc	
Construct permanent two-story shops and craneway with reinforced concre foundation, concrete floors, masonry walls, built-up roof and structura steel frame. Interior support systems include air conditioning, steam, compressed air, lube dispensing, plumbing, engine exhaust system, spray paint booth, overhead bridge cranes (75 ton, 20 ton, 15 ton, 10 ton, 5 and 1 ton); jib cranes (2 ton), overhead monorails (1 ton), twin post hydraulic vehicle lifts and wire partitions. Exterior support faciliti includes concrete hardstand, concrete tank trail with roadway crossing, bituminous parking area, area lighting, security fencing, site work and utilities. (82 tons Air Conditioning)	PROJECT: Constru Consolidated Fiel for 2nd Maintenan	d Maintenance Fac ce Bn., 2d Force	Service Sup	port				

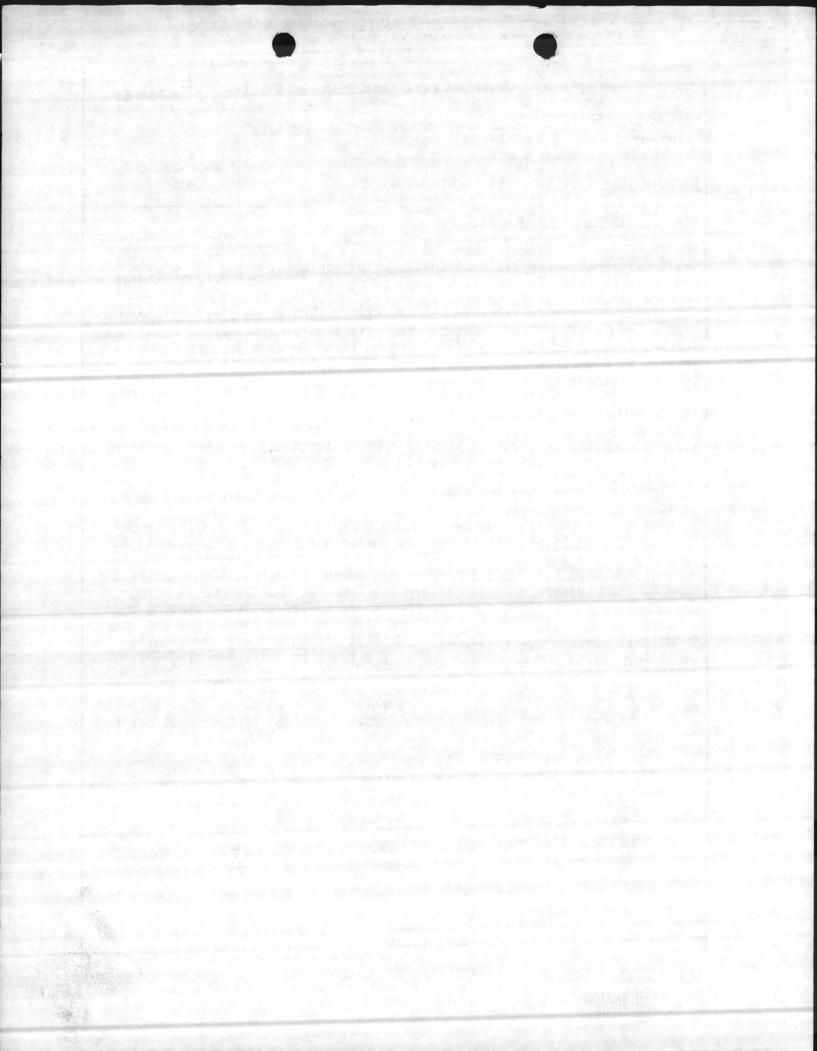


1. COMPONENT MARINE CORPS	FY 19 MILITARY CONSTRUCTION PROJEC	T DATA	2. DATE
3. INSTALLATION A MARINE CORPS	ND LOCATION BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE FIELD MAINTE	IANCE COMPLEX (INCREMENT 3)	1.2.1	ect number 804
11. REQUIRE	IENTS: (cont'd)	N. C. M.	et.e.a
field mainted and track vel ance repair handling equ tronics equi support for located at C located in the SC. The tota increment provide Field Mainted will be requ Two previous FY-88 MILCON for the Moto portions of CURRENT SITU in only 165, ance depot, 900,901,902, Area of Camp performed at areas for equ Industrial A cause cumber mission of the IMPACT IF NO adversely af	ATION: The 2nd Maintenance Bn., performs 48 SF of area in four converted warehouse and a small metal Butler building. These 905, 1607 and 1771) are scattered through Lejeune. The Artillery and Ordnance main several areas within the indicated facili inpment to be repaired are also scattered rea. Scatteration of and makeshift substi come and uncoordinated work efforts sever is Battalion. <u>PROVIDED</u> : The deadline time on equipment ected and maintenance capability will con and adverse affect on the combat readiness	which in cks, etc ruction municati des fiel e Suppor with el NC; and O SF. T ry and C quent in t, planne t in the adequate Field Ma field ma s, a WW- faciliti out the tenance ties. S througho tute wor y hamper t will r tinue to	cludes whee .), ordin- weight ons/elec- d maintenan t Group ements Beaufort, his third ordnance crement ed for FY-90 e FY-87 and facilities intenance li mainten- es (Bldgs. Industrial is being out the k spaces ring the remain b e impaire

. 영어 영소 28 관련이

22.2

49.U



MARINE CORPS	FY 19 89 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
3. INSTALLATION A		1.43.4.9
MARINE CORPS	BASE, CAMP LEJEUNE, NORTH CAROLINA 28542	
A. PROJECT TITLE	5. PRO	JECT NUMBER
FIELD MAINTE	NANCE COMPLEX (INCREMENT 3)	P-804
	SPECIAL CONSIDERATIONS	
	n Prevention, Abatement, and Control: This proje onal air or water pollution.	ct will not
	zard Evaluation: Requirements of Executive Order ds) are not applicable.	No. 11296
has been mad	ental Impact: The project Environmental Impact A le, reviewed, and where required, the design conce on to eliminating adverse environmental effects co lirectives.	epts give
	Shelter Construction: Fallout shelter protection this project.	n is not incom
5. <u>Design</u> for project.	for Accessibility of Physically Handicapped Person physically handicapped personnel are not required	nnel: Pro- i in this
6. Use of / with DOD 422	Air Conditioning: Ceiling "U" factors will be made 70.1-M.	de to conform
not directly object. or	ation of Historical Sites and Structures: This provide the setting which is listed in the National Register of significant quality of American history.	, structure,
8. "New Sta (OMB Circula	art" Criteria for Commercial or Industrial Activi ar A-76): Not applicable.	ties Program
		an a
San Shari		
	에 가지 않는 것 같은 것이 있는 것이 있는 것이 있다. 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있다. 가지 않는 것이 있는 것이 있다. 가지 않는 것이 있는 것이 없는 것이 있는 것이 없는 것이 없 것이 없는 것이 없 않이 없다. 것이 없는 것이 없 않 것이 않아, 것이 않아, 것이 않아, 것이 않아, 것이 없는 것이 없는 것이 없이 않이 않아, 것이 없이 않이 않아, 않아, 것이 없이 않이 않아, 것이 없이 않아, 않아, 않아, 않아, 않아, 않이 않아,	an Andrew (n. 1997) An Angeland
	김 영향을 다 한 방법에 가지 않는 것이 있는 것이 없는 것이 없다.	
	and the second	

-

.

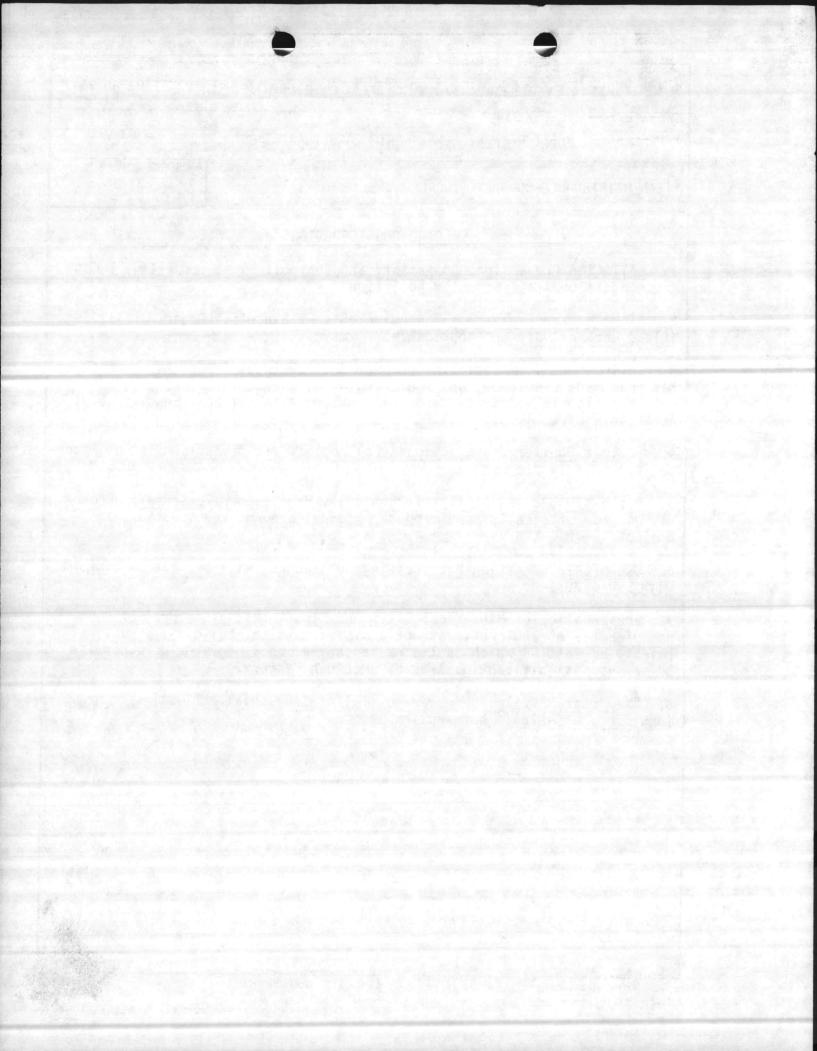
-1 24. ...

1.14

100

1

PAGE NO. 3 OF 3



MARINE CORPS FY 19_89 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
3. INSTALLATION AND LOCATION	and the second
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542	
4 PROJECT TITLE 5. PRO	JECT NUMBER

FIELD MAINTENANCE COMPLEX (INCREMENT #3)

P-804

## FACILITY STUDY

1. <u>Project</u>: Provide 210,300 SF of Combat/Automotive/Track Field Maintenance Shop area as Increment 3 of a total planned 448,840 SF maintenance complex.

2. <u>Current and Planned Future Workload with Regard to This Project</u>: The duration of need is indefinite and the facility will be utilized 100 percent of the time. An average of ten hours per day for a five-day work week is spent in the shops. The organization is responsible for performing third and fourth echelon maintenance on equipment assigned to the 2d Marine Division (FMF); Marine Corps Air Station (H), New River; and 2d 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 new items are introduced into the system.

3. Description of Proposed Organization:

a. Type of Construction:

Permanent two-story maintenance shop on pilings, reinforced concrete foundations, floors, masonry walls, built-up roof, insulation, interior support systems, and air conditioning. Rigid and flexible walks and parking pavements, site improvements, exterior utilities, paved tank trail with crossings.

b. <u>Replacement</u>: 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, overhead bridge cranes with supporting structure, air conditioning and dehumidification of optical and weapons repair areas, security artillary and ordnance repair areas, engine exhaust system, central lube system, hydraulic vehicle lifts and paint spray booth. Exterior utility connections, pavements and site improvements.

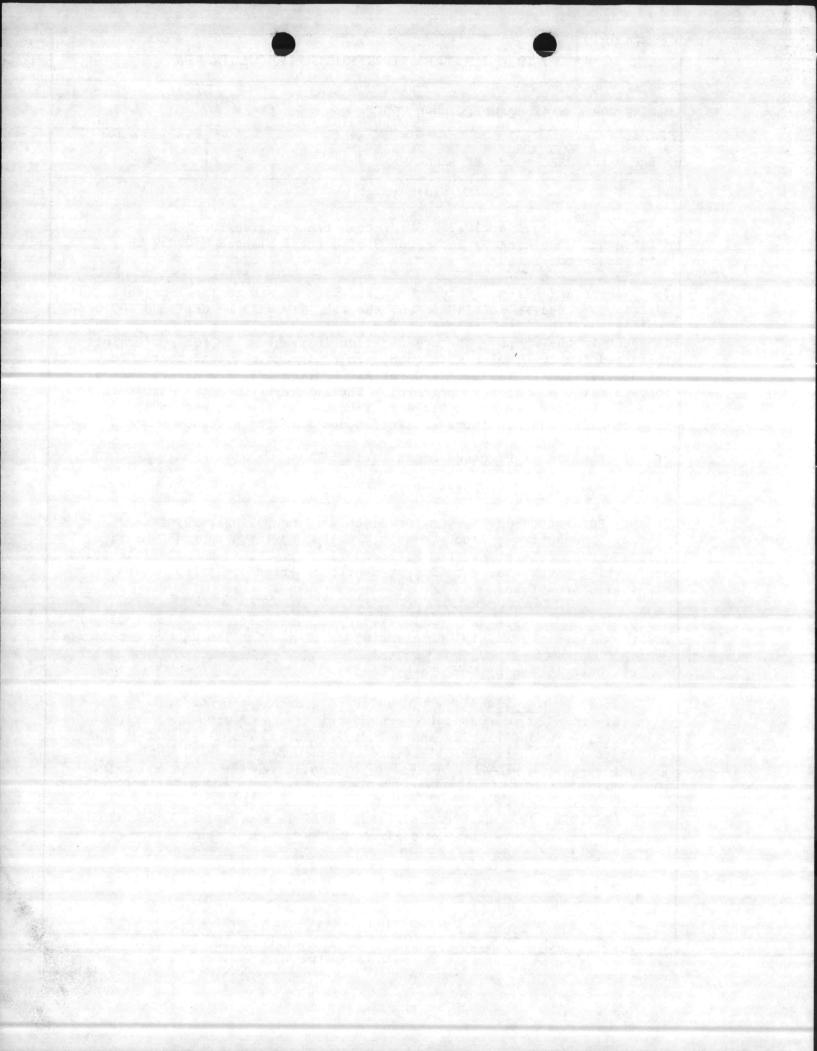
(2) <u>Energy Conservation</u>: Energy efficient equipment and building materials and orientation for maximum energy conservation will be utilized.

1212 1 DEC 76 1891C

- -----

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGENO. 1 of 8

U.S. GOVERNMENT PRINTING OFFICE 1979-603-076 7:27 2-1



MARINE CORPS	19_89_MILITARY CONSTRUCTION PA	ROJECT DATA 20 Feb	86
3. INSTALLATION AND L		provide a proper da home	100
MADTHE CODDE DIC	T CAND I TITIDID NODTH CADOI THA	05/3	
MARINE CORPS BAS	E, CAMP LEJEUNE, NORTH CAROLINA 2	5. PROJECT NUMB	ER

- and the second second
  - (a) Built-in MCON Funded:

\*Venetian blinds and window screens

\*Air Conditioning, heating, and ventilating systems

\*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 reel, 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)

\*Lube hose reel, H.D., w/hose control (ceiling, wall or pedestal mounted)

\*Exhaust system, underground (automotive or construction equipment)

\*Pass window, 4' wide, w/counter & "B" label roll down shutter, w/fusible link, if required

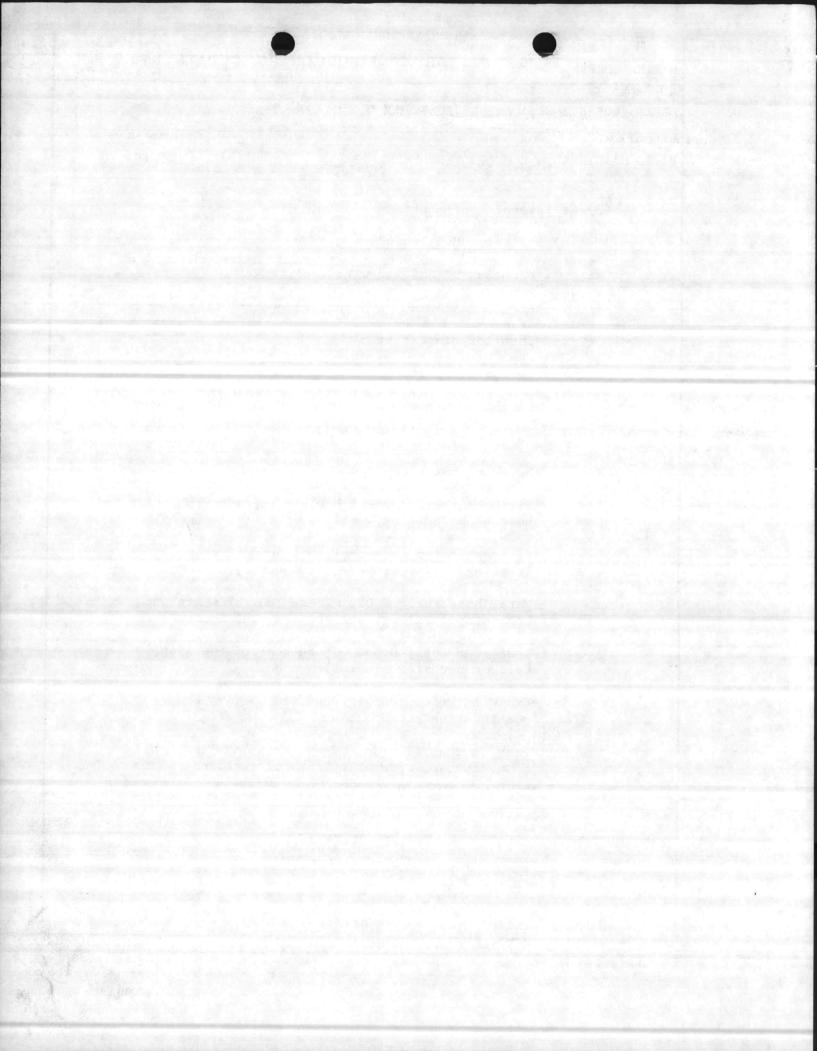
- \* 1 Ton overhead monorail
- \* 1 Ton overhead bridgecrane
- \* 5 Ton overhead bridgecrane
- \*10 ton overhead bridgecrane
- \*15 Ton overhead bridgecrane

DD 1 DEC 76 13510

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGENO. 2 of S

US GOVERNMENT FRINTING OFFICE 1979-603-076 7:27 2-1



MARINE CORPS	TARY CONS	TRUCTIO	N PREECT D	ATA 20 Fe	· · · .
INSTALLATION AND LOCATION	·	Sec. est. 24	S. James and S. S. J.	a second second second	
MARINE CORPS BASE, CAMP LE.	JEUNE, NORT	H CAROLI	NA 28542		
A. PROJECT TITLE				5. PROJECT NUM	ABER
FIELD MAINTENANCE COMPLEX	(INCREMENT	<b>#3)</b>		P-804	
(3) <u>Collateral Equ</u>					1.002
*20-ton overhe				ary hook	
*75-ton overhe *2 Ton Jib Cra	ad bridgec	rane w/2	0 ton Auxili	ary hook	
*Paint spray b *Twin post hyd	pooths Iraulic lift	t, H.D.	. 1b cap	oacity	
*Paint drying	oven				1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 -
*Twin post hy				capacity	143
*6, 12 & 24 v	olt DC Engi	ine Start	Systems		
(b) Expense I		0+*	Unit Issue	Unit Price	Total Cost
Description	•	QLY	10000		\$ 6,827
Bench, work, stationary, 34"H	28"D,	88	LF	77.59	
Bin parts, rota, 3'D, mul	lti-bin	3	EA	360.00	1,080
Shelving, 12"W, w/adj Sto	ls	6	EA	90.00	540
Tank, cleaning, parts, po 38'x22'x34'	ortable	2	EA	395.00	790
Bench, work stationary 3	6"D, 34"H	2	EA	75.00	150
Stand, axle		1	EA	200.00	200
Machine, sewing, light t	extile	1	EA	750.00	75
Table, layöut, 16'x5', 1		1	EA	200.00	20
textile Table, work 16'x2', ligh	nt textile	7	EA	175.00	1,22
Machine, sewing, heavy		3	EA	1,100.00	3,30
Table, work, 16'x7' woo	1 State 1	3	EA	225.00	• • • • • • • • • • • • • • • • • • • •
Shelving, 24"W		1,324	LF	10.00	13,24

DD 1 DEC 76 12 S1C

PREVIOUS EDITIONS MAY BE USED UNTIL EXHAUSTED

f 8

1.5

and the second second

and the second

State Bank and a state of the s

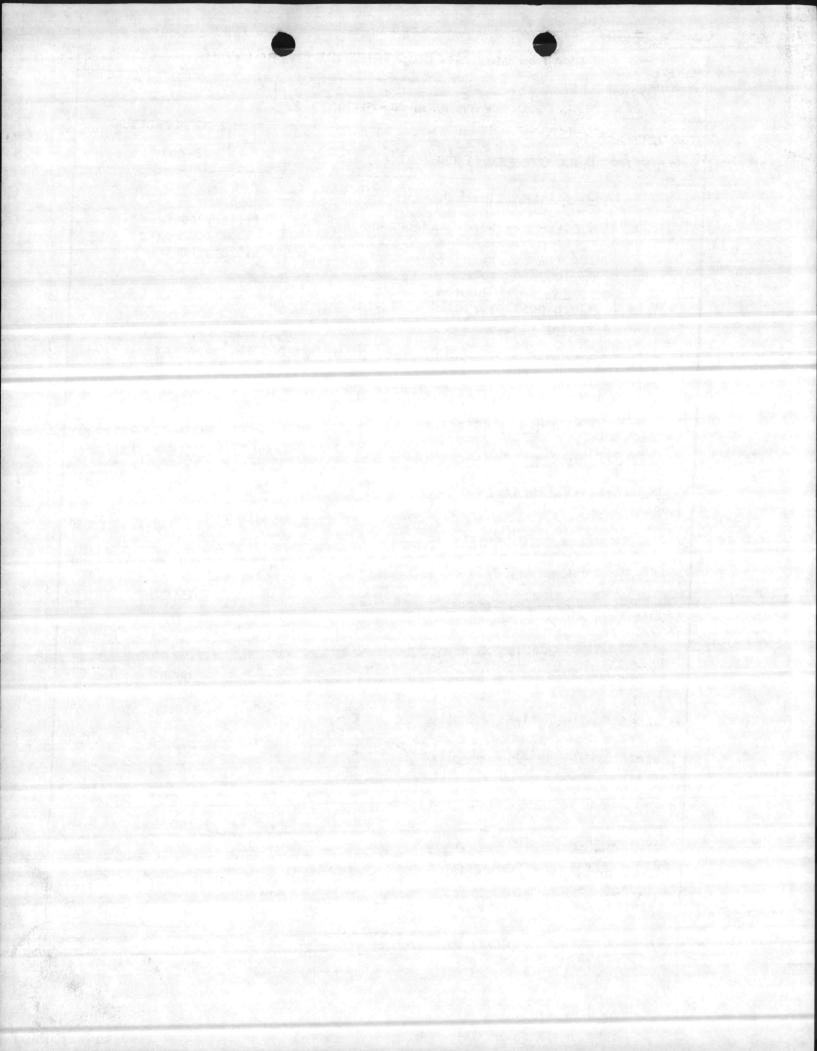
....

• •

-----

OUS GOVERNMENT FRINTING OFFICE 1979-603-076 7127 2-1

<sup>5</sup> N C102 LF-001 3915



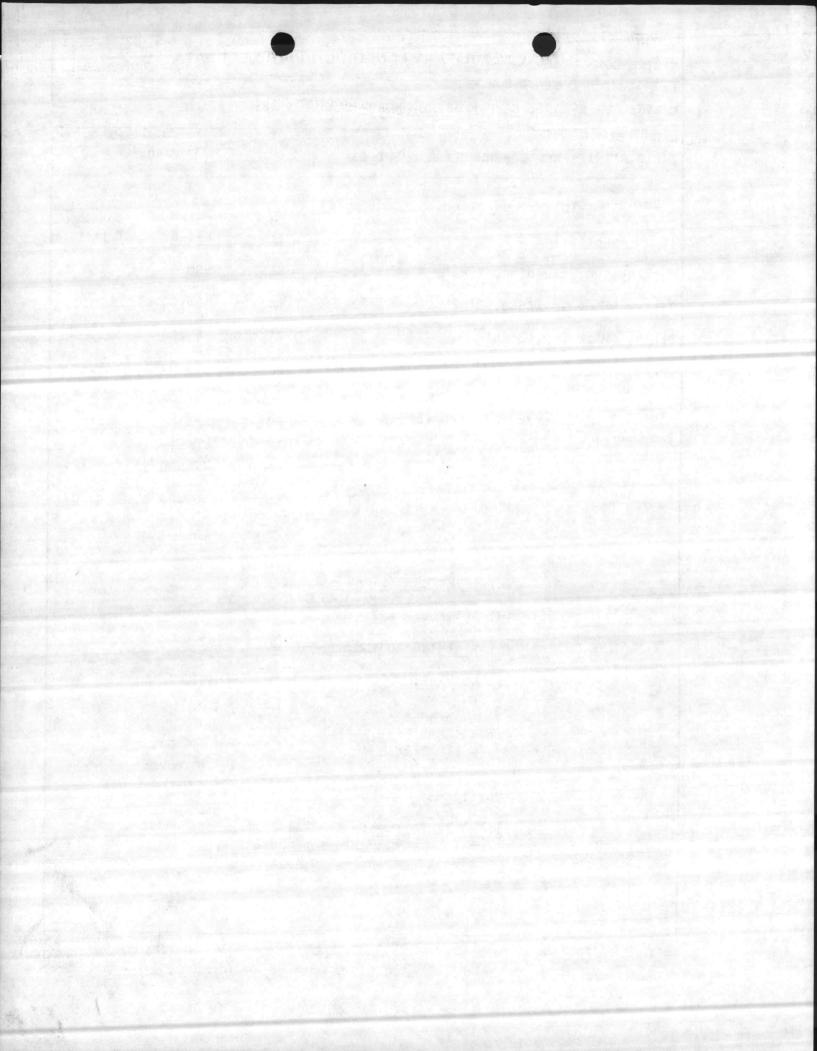
MARINE CORPS FY 19_89_MILITARY C	ONSTRUCT	ION PROJEC	T DATA 20	) Feb 86
MARINE CORPS BASE, CAMP LEJEUNE, N	NORTH CARO	TNA 28542	Constant of the	See Series
	WORTH CARO	51NA 20342	5. PROJECT	
FIELD MAINTENANCE COMPLEX (INCREMI	ENT #3)		P-804	
FIELD MAINIENANCE COMPLEX (INCREMA				
(b) Expense Items: (0	Continued)			
Description	Qty	Unit Issue	Unit Price	Total Cost
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, 36"x144"x34"H	47	EA.	90.00	4,230
Cleaner, ultrasonic (electronic components)	2	EA	1,000.00	2,200
Racks, store 48"Dx48"H	· 1	EA	125.00	125
Racks, store, 36"Dx24"H	3	EA	100.00	300
TOTAL E	XPENSE ITE	MS		37,677
(c) <u>INVESTMENT</u>	ITEMS - N	lone.		
(d) APA EQUIPM	ENT - None	•		A design
• (e) TRAINING E	QUIPMENT -	None.		
(f) <u>SUMMARY</u> :				
Expense Investme Training	ent Cost	37,677 _ _		
		27 677		
Total Cost	a para tak	37,677		
(4) <u>Supporting Facilit</u> teral equipment, site improvement etc. No demolition will be accom	t, pollutio	on abatemen	t, utility	n, colla- connection

DD 1 DEC 76 12 910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGENO. 4 OF 8

2.2

U.S. GOVERNMENT FRINTING OFFICE 1979-603-076 7127 2-1



1. COMPONENT MARINE CORPS	FY	MILITARY	CONSTRUCTION F	REJECT DATA	2. DATE 20 Feb 86
3. INSTALLATION A MARINE CORPS	BASE, (	CAMP LEJEUNE,	NORTH CAROLINA	28542	North Contract
····				15.000	LECT NUMBER

4. PROJECT TITLE

and a call

FIELD MAINTENANCE COMPLEX (INCREMENT #3)

P-804

4. <u>Cost Estimate</u>: Area cost factor for Camp Lejeune, NC is 0.86. Cost data derived from the Military Construction Cost Review Guide, FY-82 (DOD 4270.1-CG) to provide for this facility, escalated to FY-89: 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) <u>Project</u>: Proposed facilities are required to provide maintenance personnel with adequate and secure facilities to perform artillery and ordnance maintenance.

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

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

b. Justification for Scope of Project: The project scope, 210,300 SF, is the minimum size facility that can meet the deficiency requirements for the Combat/Automotive/Track Field Maintenance Shop needs of the Maintenance Battalion of the 2d Force Service Support Group. See paragraph 13.

6. Equipment Provided from Other Appropriations: Not applicable:

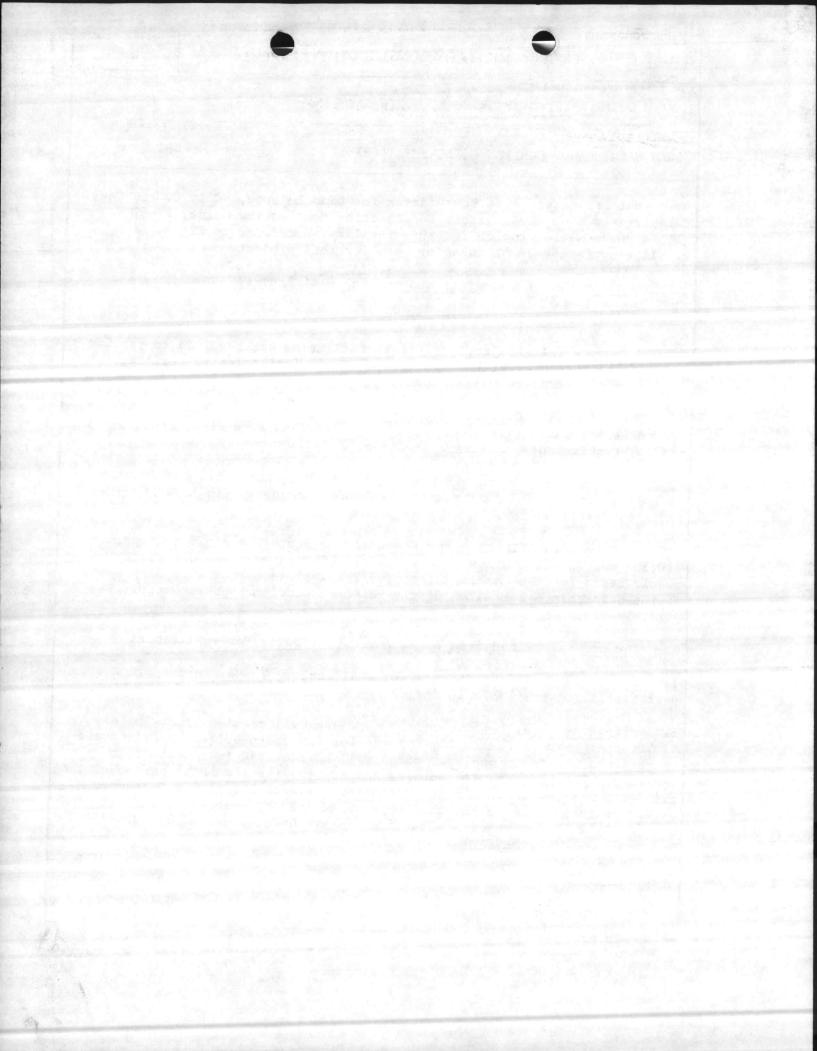
7. <u>Common Support Facilities</u>: Not applicable. There are no common support facilities available in the French Creek Area.

8. Effect on Other Resources: The project will require approximately \$10,000 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.

DE 108M 13516

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGENO. 5 of 8

-US. GOVERNMENT PRINTING OFFICE 1979-603-076 7127 2-1



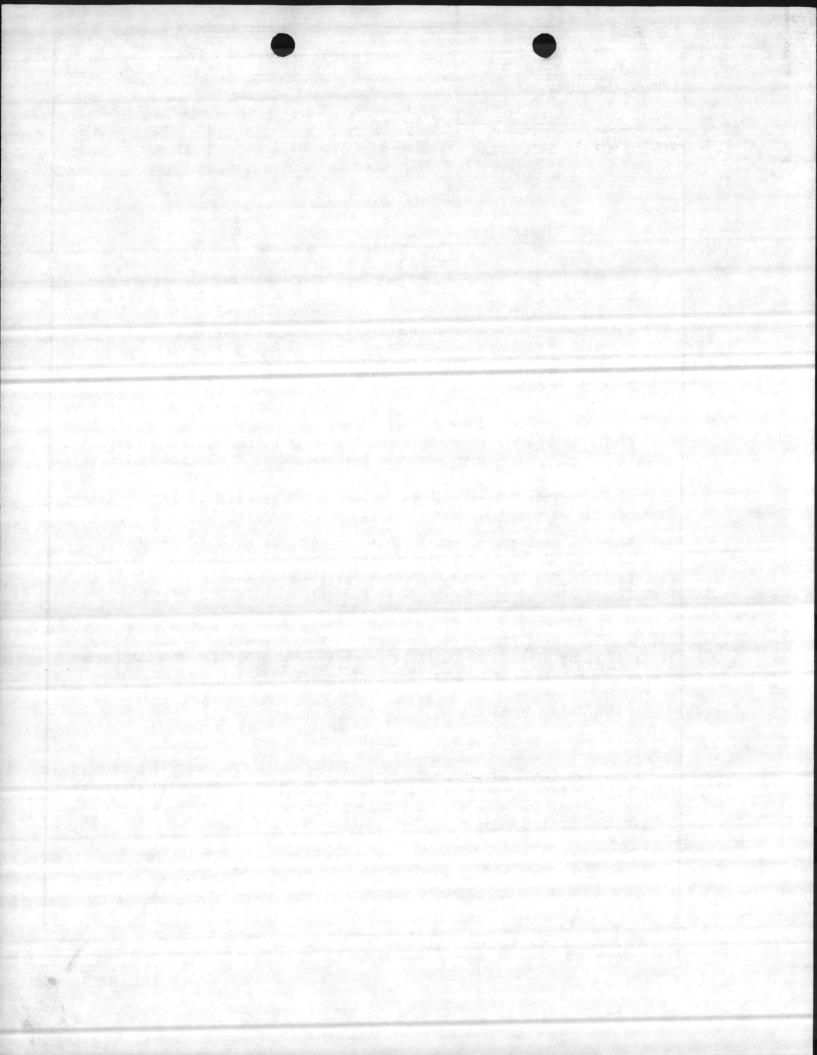
. COMPONENT				TOTOAT	2. DA	
MARINE CORPS	FT 19 89 MILI	TARY CONSTRU	ICTION PROJ	ECT DAT	A 20	Feb 86
3. INSTALLATION A	ND LOCATION '		Ada ta ta ta	Service.	a galadi sa	end geer
MARINE CORPS	BASE, CAMP LEJ	EUNE, NORTH CA	ROLINA 285			
A. PROJECT TITLE FIELD MAINTEN	NANCE COMPLEX	(INCREMENT #3)		5. P	P-804	UMBER
		UTILITY REQUIE	REMENTS			
а.	Electricity:	Consumption: Peak Demand: Avg. Demand:	1,500,000 900 -	KWHR/YI KW KW	R	
ь.	Steam:					
		Consumption: Demand:		Lbs/Yr Lbs/Yr		
с.	Coal:			Tons/Y	r	
Creek Area, :	of the Project: in keeping with	n the Camp Leje	eune Master	Plan.	See enc	losure(
Creek Area, : 10. Other Gi 1294489, 129 11. Economic veloped site savings to be operational parea. 12. Environm (EIA) is bein		the Camp Leje ations, include 493 submitted is facility is vings will be officient oper ort of an oper Assessment: An will be proces	ing Photogra as Enclosure s being cons in nominal e erations. I rational mis n Environmen ssed through	Plan. S aphs: N (2). tructed mergy c this is a sion lo tal Imp the lo	See enc AVFAC D on an onsumpt a milit cated i act Ass	losure ( prawings unde- ion ary n this essment
Creek Area, : 10. Other G 1294489, 129 11. Economic veloped site savings to be operational p area. 12. Environm (EIA) is bein Board. No ac	in keeping with raphic Presents 4491, and 12944 c Analysis: Th Economic save realized from project in supp mental Impact A ng written and	the Camp Leje ations, include 493 submitted is facility is vings will be officient oper ort of an oper Assessment: An will be proces	ing Photogra as Enclosure s being cons in nominal e erations. I rational mis n Environmen ssed through	Plan. S aphs: N (2). tructed mergy c this is a sion lo tal Imp the lo	See enc AVFAC D on an onsumpt a milit cated i act Ass	losure ( prawings unde- ion ary n this essment
Creek Area, : 10. Other G 1294489, 129 11. Economic veloped site savings to be operational p area. 12. Environm (EIA) is bein Board. No ac	in keeping with raphic Presents 4491, and 12944 c Analysis: Th Economic save realized from project in supp mental Impact A ng written and dverse environm	A the Camp Leje ations, include 493 submitted a ris facility is yings will be a n efficient oper ort of an oper Assessment: An will be process mental impact a	ing Photogra as Enclosure s being cons in nominal e erations. T rational mis n Environmen ssed through in anticipat	Plan. S aphs: N (2). tructed mergy c this is a sion lo tal Imp the lo	See enc AVFAC D on an onsumpt a milit cated i act Ass	losure ( prawings unde- ion ary n this essment
Creek Area, : 10. Other G 1294489, 129 11. Economic veloped site savings to be operational p area. 12. Environm (EIA) is bein Board. No ac 13. Quantita a. b. ment for the the requirem	in keeping with raphic Presents 4491, and 12944 c Analysis: Th Economic save realized from project in supp mental Impact A ng written and dverse environm ative Data: Unit of Measu	the Camp Leje ations, include 493 submitted a ris facility is rings will be a ort of an oper Assessment: An will be process mental impact a are: Square for ement: 448,844 area (EA) is 4 ategory code (	ing Photogra as Enclosure s being cons in nominal e erations. T rational mis n Environmen ssed through in anticipat eet. 0 SF. The H 48,840 SF. 214-53) is c	Plan. S aphs: N (2). tructed energy co this is a ssion loo tal Imp the loo ced. Basic Fa NAVFAC	See enc AVFAC D on an onsumpt a milit cated i act Ass cal EIA cility P-80 st	losure ( prawings unde- ion ary n this essment Review Review
Creek Area, : 10. Other G 1294489, 129 11. Economic veloped site savings to be operational p area. 12. Environm (EIA) is bein Board. No ac 13. Quantita a. b. ment for the the requirem	in keeping with raphic Presents 4491, and 12944 c Analysis: Th Economic save realized from project in supp mental Impact A ng written and dverse environn ative Data: <u>Unit of Measu</u> <u>Total Require</u> French Creek a ent for this ca	the Camp Leje ations, include 493 submitted a ris facility is rings will be a ort of an oper Assessment: An will be process mental impact a are: Square for ement: 448,844 area (EA) is 4 ategory code (	ing Photogra as Enclosure s being cons in nominal e erations. T rational mis n Environmen ssed through in anticipat eet. 0 SF. The H 48,840 SF. 214-53) is c	Plan. S aphs: N (2). tructed energy co this is a ssion loo tal Imp the loo ced. Basic Fa NAVFAC	See enc AVFAC D on an onsumpt a milit cated i act Ass cal EIA cility P-80 st	losure ( prawings unde- ion ary n this essment Review Review

D.2 1 DEC 76 12 910 5 % C152-LF-001-3915

...

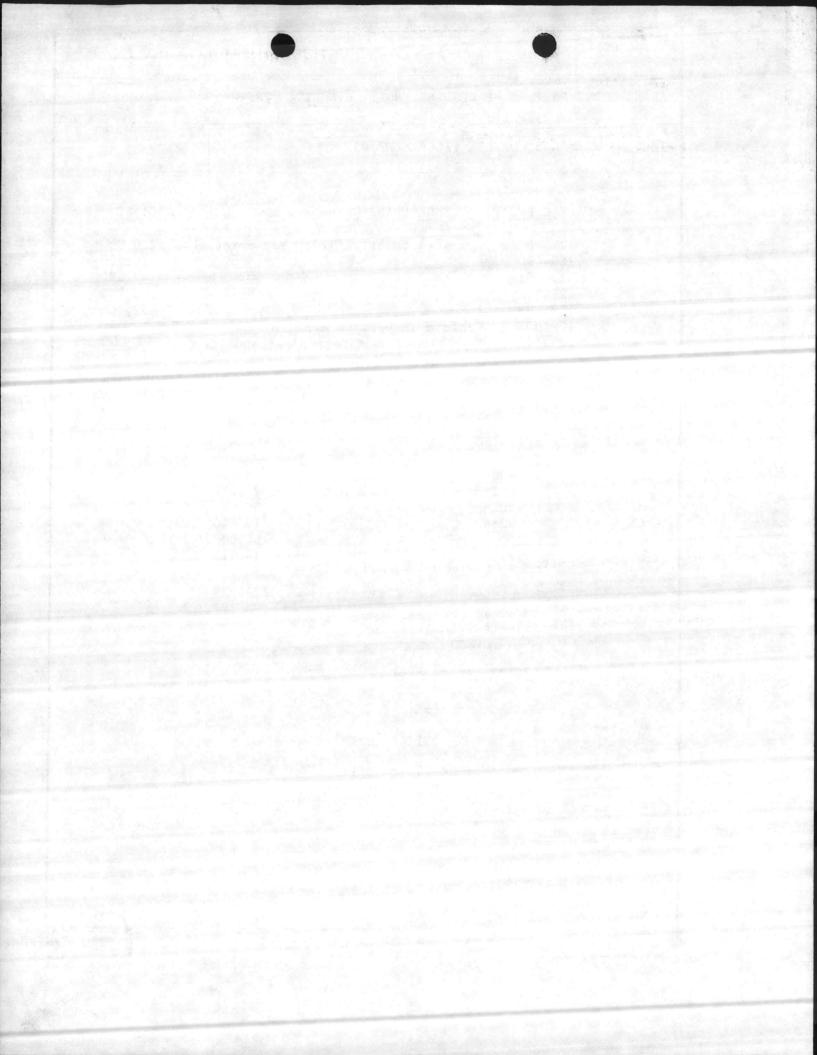
PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED U.S. GOVERNMENT PRINTING OFFICE: 1979-603-076, 7127 2-1

PAGE NO.6 of 8



MARINE CORPS BAS		ORTH CAROLINA 28542	and the second second second
			5. PROJECT NUMBER
PROJECT TITLE	E COMPLEX (INCREME	The second s	P-804
			1 004
			- The second
			1771 68
NAVFAC	DWG # DESCR	IPTION	AREA SF
1294	489 Combat/Auto	motive/Track Fld Maint	Shop 220,000
1294		"	. 53,000
1294	491	11	47,500
1294	492		48,000
	493		52,800
		pection Station	7,540 20,000
- 1294	444 Operational Utilities P	Readiness Float and	20,000
	utilities P	Total	448,840
c. Ex	isting Substandard	165,448 SF	
영화 전 이상 영화	BUILDING NO.	AREA SF	
	900*	3,600	
900*		21,224	
	902*	50,064	
	905*	13,640	
	1601*	62,000	
	1771	14,920	
		Total 165,448	SF
	Contraction of the second		
*multi-use type	e buildings.		
d. <u>Ex</u>	xisting Inadequate:	. 0	
e. <u>E</u> >	xisting Adequate:	0	
f. <u>Ot</u>	ther Assets, Not in	n Inventory: 0	
g. <u>Fu</u>	unded, Not in Inve	entory: (FY-87) 60,540	SF
a ser and service		te a the state second states a second	
	Constant in the second		
			and Madeline
	enner segura		
a state of the second			

.....



. COMPONENT		2. DATE
MARINE CORP	S 19 89 MILITARY CONSTRUCTION PROJECT DATA	20 Feb 86
. INSTALLATION	AND LOCATION	Same States and
MARINE CORP	S BASE, CAMP LEJEUNE, NORTH CAROLINA 28542	
4. PROJECT TITL		ECT NUMBER
FIELD MAINT	ENANCE COMPLEX (INCREMENT #3) P-	-804
		are the street
Ň	AVFAC Dwg Description Area SF	
	1294490 Combat/Automotive/Track Fld 53,000 Maintenance Shop	
	1294508 Vehicle Inspection Station 7, 540 Total 60, 540	SF
ł	Adequate Assets: $(e + f + g) = 60, 540$ SF	
	• <u>Deficiency</u> : (b - h) = 388,300 SF	
14. Mainte	nance Facilities: Not applicable.	· · ·
15. Morale	, Welfare and Recreation Facilities: Not applicabl	e.
16. Reloca	tion Facilities: Not applicable.	
17. Storag	e Facilities: Not applicable.	
will be a M	Identification, Assessment, and Analysis. Propose Notor Transport School facility. The following pote conditions will be considered during the design phase	ntial
٤	. Exhaust fumes.	
۱	Battery acid fumes.	
	. Gasoline/diesel fumes.	

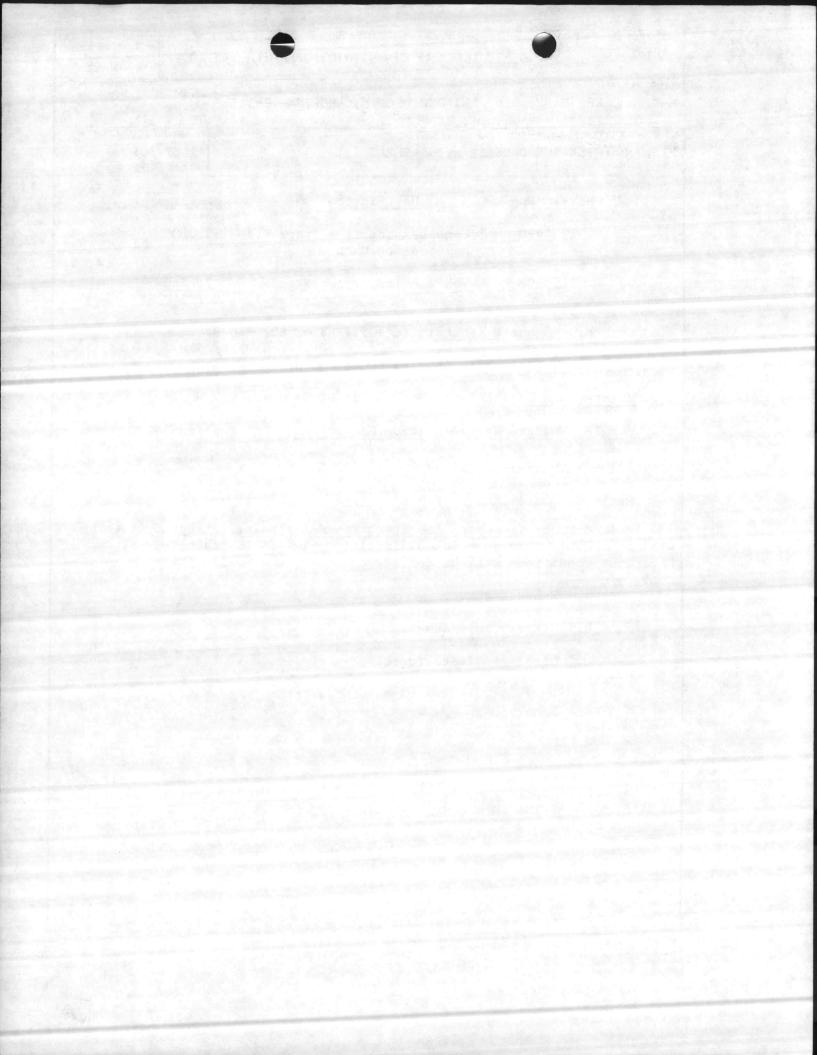
1. D + DEC 76 13 910 5 10 102 LF-001-2915

1

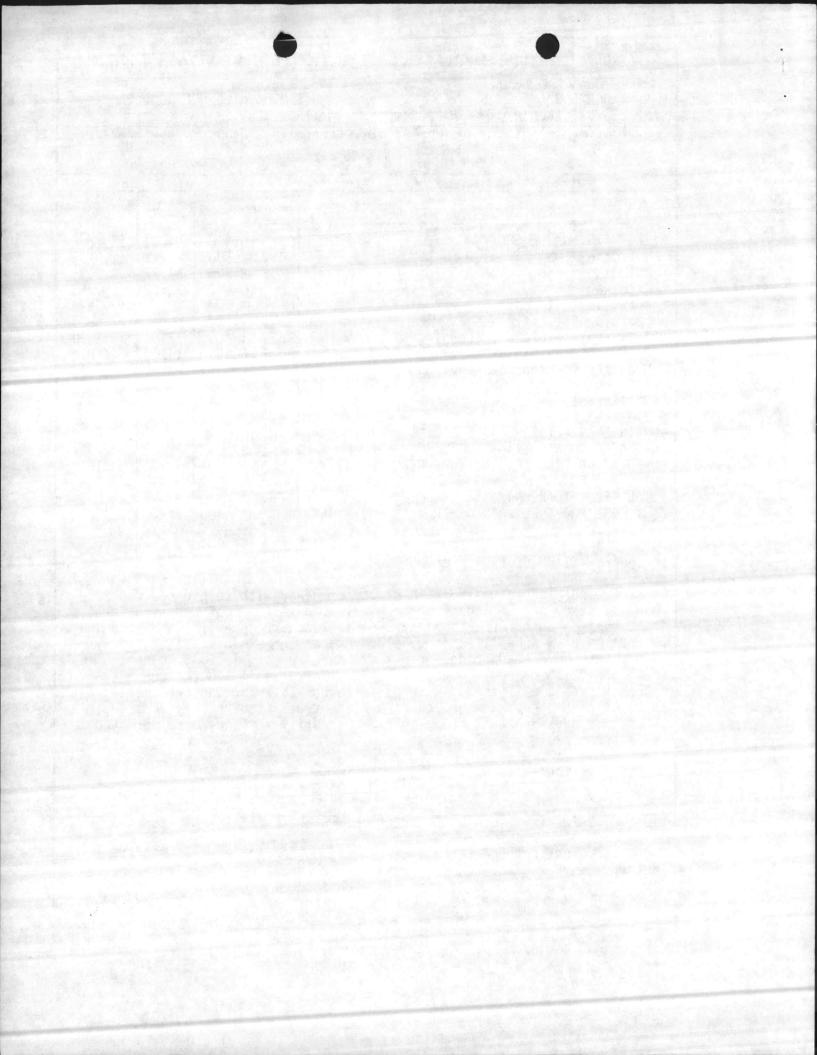
· · .

PAGE NOS OF 8

US. GOVERNMENT PRINTING OFFICE: 1979-603-076, 7127 2-1



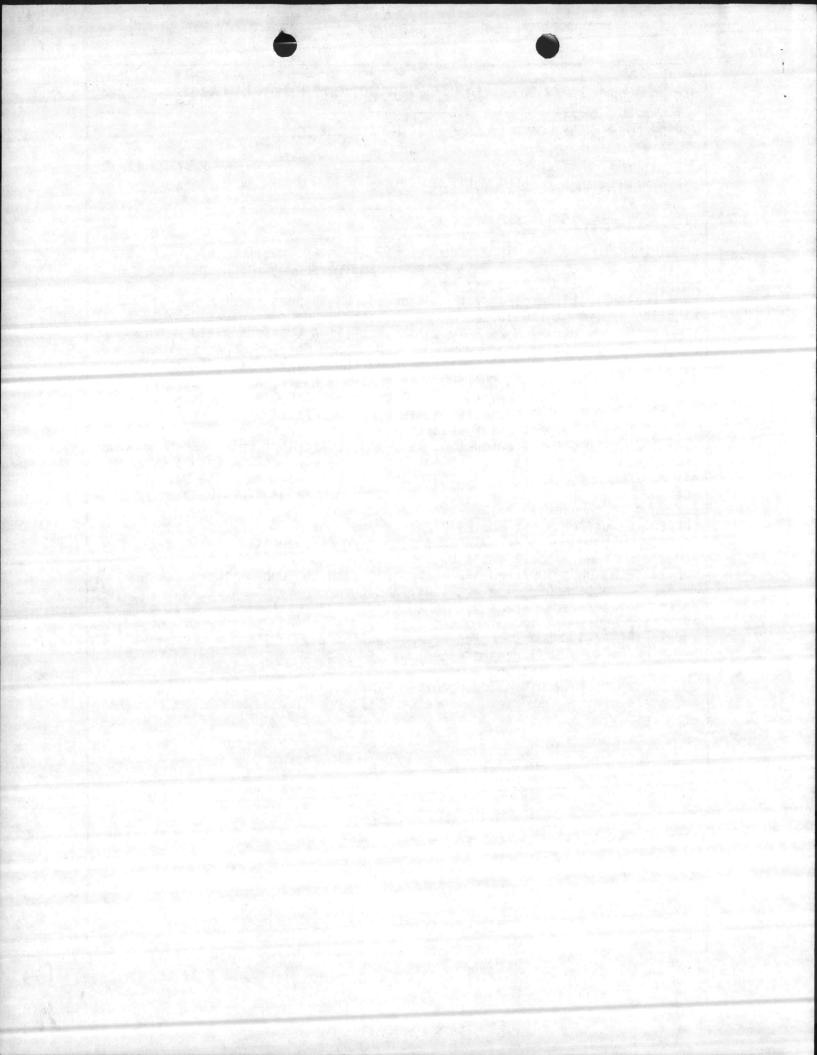
ARINE CORPS	Y 19_89 MILITARY CON	STRUCTION PR	OJECT DA	TA 20	Feb 86
INSTALLATION AND L	OCATION ,	4. PROJECT			
PROGRAM ELEMENT		PROJECT NUMBER		ECT COST (	\$000)
	214 52	D 004		500	
	214-53	P-804		2,500	
	ITEM	U/M	QUANTITY		COST (\$000)
Pavements, fle Security Fenc: Pavement, rig: Utilities and SUBTOTAL CONTINGENCY - (SESTIMATED CONSTINE SUPERVISION, INST TOTAL REQUEST TOTAL REQUEST (F	o 2 o 4 oment lities highway crossing exible ing and Lighting id Site Improvements 5%) RUCTION COST SPECTION & OVERHEAD (		210,300 47,500 52,800 110,000 - 4,400 6,950 35,000 -	84.34 62.72 62.72 82.63 - - 32.04 14.00 - 29.02 -	(2,979) (3,312) (9,089) (2,356) 2,482
Construct perman foundation, cond steel frame. In compressed air, baint booth, ove and 1 ton); jib hydraulic vehicl includes concret bituminous parki utilities. B2 tons Air Cond II. REQUIREMENT PROJECT: Constr Consolidated Fie	T: <u>448,840 SF</u> ADEQU ruct the third increment and Maintenance Facil	and craneway w walls, built- ms include air mbing, engine (75 ton, 20 to head monorails titions. Exte e tank trail w ng, security f ATE: <u>0 SF</u> SU ent (210,300 S ity (3rd and 4	Up roof a condition exhaust s on, 15 tor (1 ton), erior support ith roadw encing, s UBSTANDARD (F) of a 4 th echelo	nind stru ning, s system, 1, 10 to twin port fac vay cross site wor 0: 165, 42,600 on maint	Actural steam, spray on, 5 ton oost cilities ssing, ok and 448 SF SF senance)
Di FORM Di DEC 76 1391	PREVIOUS EDITIONS N	orce ground ec	uipment.		PAGE NO. 1



1. COMPONENT	00		2. DATE
MARINE CORPS	FY 19 <sup>89</sup> MILITARY CONSTRUCTION PROJE	CT DATA	20 Feb 86
MARINE CORPS B	ASE, CAMP LEJEUNE, NORTH CAROLINA 2854	2	
PROJECT TITLE			ECT NUMBER
	NCE COMPLEY (INCREMENT 2)	minerio presidente il 1975	
FIELD MAINTENA	NCE COMPLEX (INCREMENT 3)	P-	804
11. REQUIREME	NTS: (cont'd)		
field maintena and track vehi ance repair (a handling equip tronics equipm support for th located at Cam located in the SC. The total increment prov Field Maintena will be requir Two previous i FY-88 MILCON p for the Motor portions of th CURRENT SITUAT in only 165,44 ance depot, an 900,901,902, 9 Area of Camp L performed at s areas for equi Industrial Are cause cumberso mission of thi IMPACT IF NOT adversely affe	ION: The 2nd Maintenance Bn., performs 8 SF of area in four converted warehous d a small metal Butler building. These 05, 1607 and 1771) are scattered throug ejeune. The Artillery and Ordnance ma everal areas within the indicated faci pment to be repaired are also scattered a. Scatteration of and makeshift subs me and uncoordinated work efforts seven	t which in rucks, etc struction ommunicati vides fiel ice Suppor ng with el , NC; and 340 SF. T lery and O sequent in the ent in the eatequate s field Ma s field ma ses, a WW- e faciliti ghout the intenance lities. S d througho titute wor rly hamper ent will r ontinue to	cludes wheel .), ordin- weight ons/elec- d maintenanc t Group ements Beaufort, his third ordnance crement d for FY-90. FY-87 and facilities intenance ll mainten- es (Bldgs. Industrial is being taging ut the k spaces ing the emain be impaired

S/N 0102-LF-001 3915

11.1.4



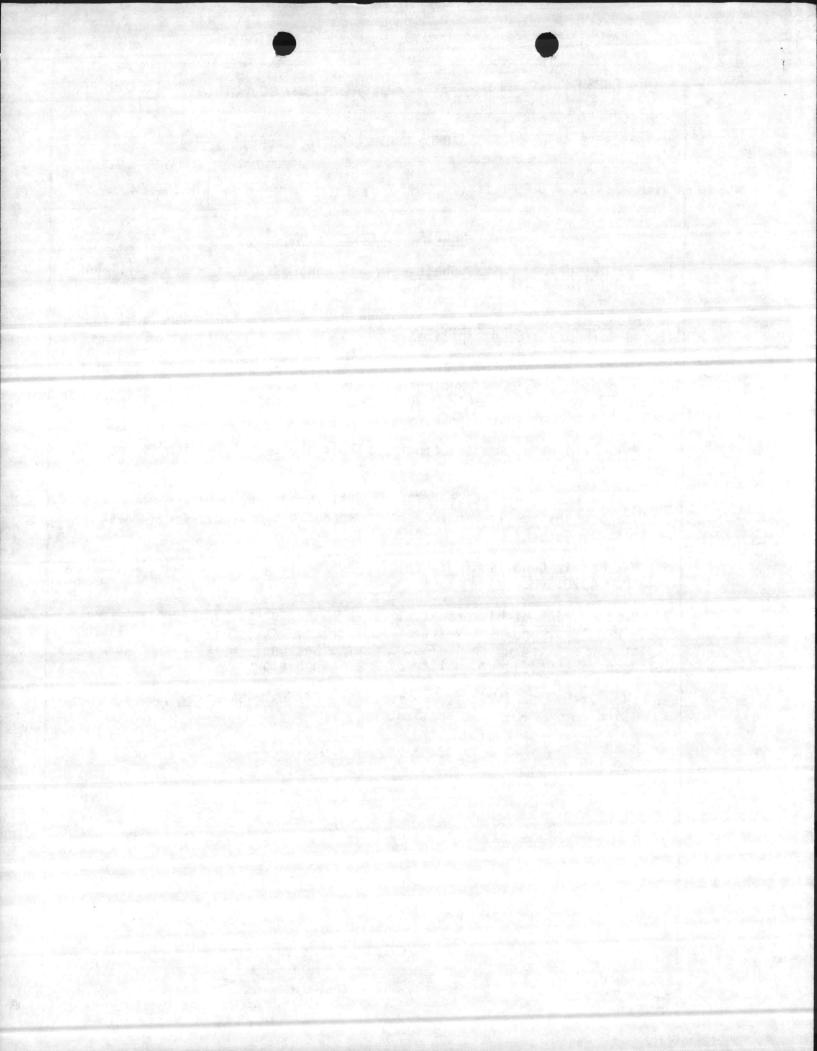
ARINE CORPS	FY 19 89 MILITARY CONSTRUCTION PROJECT DATA	2. date 20 Feb 86
MARINE CORPS	BASE, CAMP LEJEUNE, NORTH CAROLINA 28542	<u> </u>
FIELD MAINTE	VANCE COMPLEX (INCREMENT 3)	P-804
	SPECIAL CONSIDERATIONS	Sec. 34
	n Prevention, Abatement, and Control: This projection on all air or water pollution.	ect will not
	zard Evaluation: Requirements of Executive Order ds) are not applicable.	r No. 11296
has been mad	ental Impact: The project Environmental Impact e, reviewed, and where required, the design conc n to eliminating adverse environmental effects c irectives.	epts give
	Shelter Construction: Fallout shelter protection his project.	n is not incom
5. <u>Design</u> for visions for project.	or Accessibility of Physically Handicapped Perso physically handicapped personnel are not require	<u>nnel</u> : Pro- d in this
6. Use of A with DOD 422	<pre>Nir Conditioning: Ceiling "U" factors will be ma '0.1-M.</pre>	de to conform
not directly object, or	ation of Historical Sites and Structures: This p or indirectly affect a district, site, building setting which is listed in the National Register significant quality of American history.	, structure,
8. "New Sta (OMB Circula	art" Criteria for Commercial or Industrial Activi ar A-76): Not applicable.	ties Program

. .

100

1

.



1. COMPONENT		2. DATE
MARINE CORPS	FY 19_89 MILITARY CONSTRUCTION PROJECT DATA	20 Feb 86
3. INSTALLATION A	ND LOCATION	in the second second

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

FIELD MAINTENANCE COMPLEX (INCREMENT #3)

5. PROJECT NUMBER

## FACILITY STUDY

1. <u>Project</u>: Provide 210,300 SF of Combat/Automotive/Track Field Maintenance Shop area as Increment 3 of a total planned 448,840 SF maintenance complex.

2. <u>Current and Planned Future Workload with Regard to This Project</u>: The duration of need is indefinite and the facility will be utilized 100 percent of the time. An average of ten hours per day for a five-day work week is spent in the shops. The organization is responsible for performing third and fourth echelon maintenance on equipment assigned to the 2d Marine Division (FMF); Marine Corps Air Station (H), New River; and 2d 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 new items are introduced into the system.

3. Description of Proposed Organization:

a. Type of Construction:

Permanent two-story maintenance shop on pilings, reinforced concrete foundations, floors, masonry walls, built-up roof, insulation, interior support systems, and air conditioning. Rigid and flexible walks and parking pavements, site improvements, exterior utilities, paved tank trail with crossings.

b. <u>Replacement</u>: Not applicable; existing facilities will be temporarily utilized to satisfy deficiencies until new facilities are constructed.

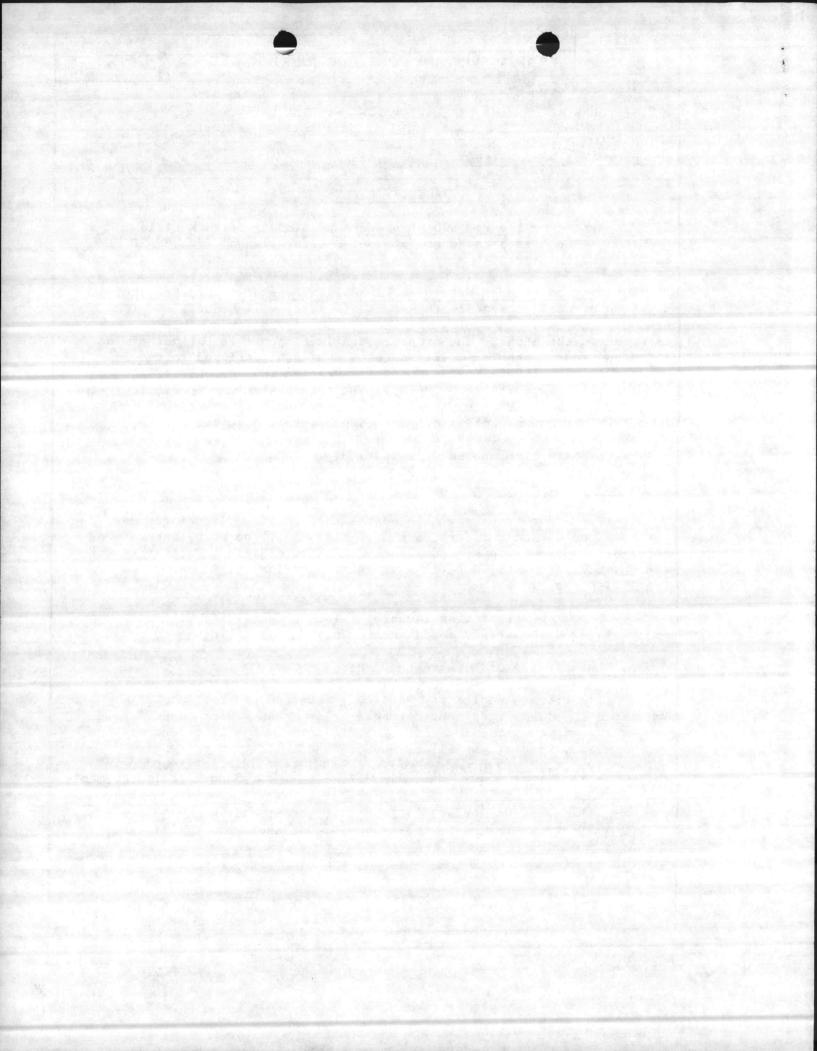
c. Description of Work to be Done:

(1) Primary Facility: Modular reinforced concrete/masonry structure on pile foundation, overhead bridge cranes with supporting structure, air conditioning and dehumidification of optical and weapons repair areas, security artillary and ordnance repair areas, engine exhaust system, central lube system, hydraulic vehicle lifts and paint spray booth. Exterior utility connections, pavements and site improvements.

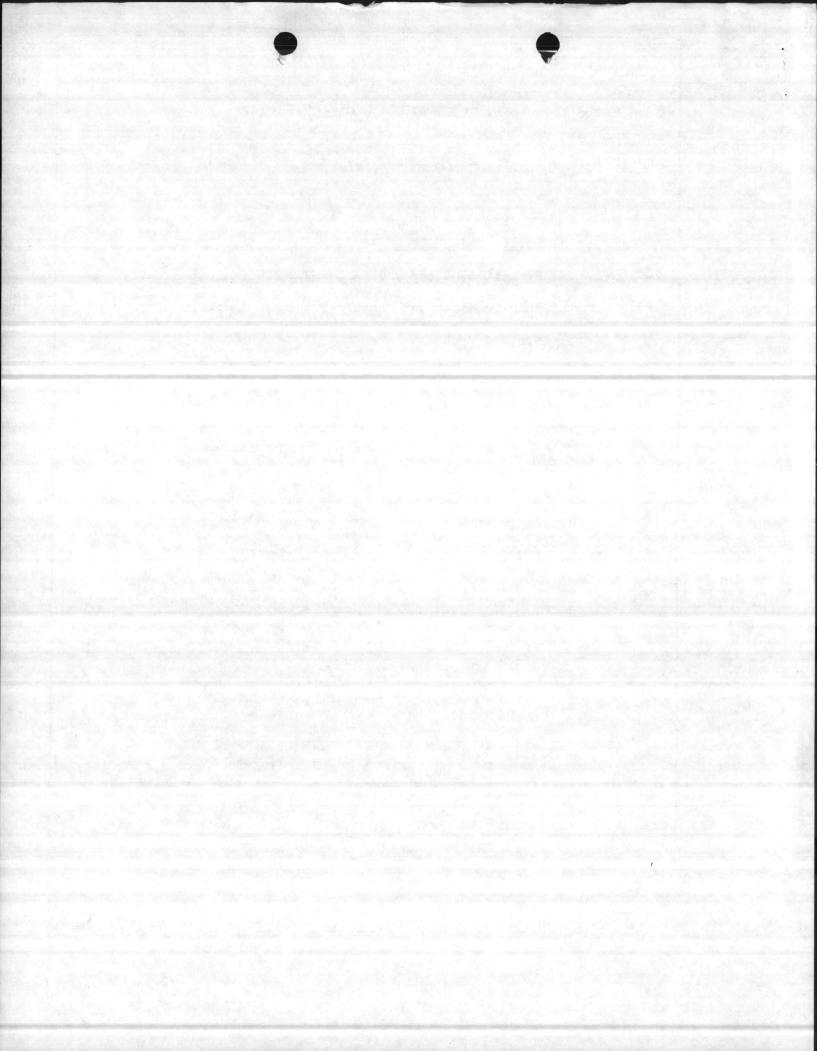
(2) <u>Energy Conservation</u>: Energy efficient equipment and building materials and orientation for maximum energy conservation will be utilized.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

U.S. GOVERNMENT PRINTING OFFICE: 1979-603-076/7127 2-1



3. INSTALLATION AND MARINE CORPS BAS		, NORTH CAROLINA 28542	
4. PROJECT TITLE			5. PROJECT NUMBER
FIELD MAINTENAN	CE COMPLEX (INCR	EMENT #3)	P-804
(3) <u>Col</u>	lateral Equipmen	<u>t</u> :	
(a)	Built-in MCON F	unded:	
	*Venetian blind	s and window screens	
	*Air Conditioni	ng, heating, and ventila	ting systems
	*Interior steam	system	
	*Sprinkler syst	em	
	*Plumbing syste	m	
	*Telephone, fir	e alarm, and intercom sy	stems
	*Drinking water	coolers	
		150 PSI H.D., w/hose co ling, wall, or pedestal	
		cord reel, H.D. w/cord , or pedestal mounted)	stop
		el, H.D., w/hose control ling, wall or pedestal m	
	*Lube hose reel wall or pedest	, H.D., w/hose control ( al mounted)	ceiling,
	*Exhaust system construction e	a, underground (automotiv equipment)	ve or
	down shutter,	" wide, w/counter & "B" w/fusible link, if requi	
	* 1 Ton overhea		
and the second	* 1 Ton overhea		
	* 5 Ton overhea		
a ner i	*10 ton overhea		
<b>A</b>	*15 Ton overhea	d bridgecrane	
D 1 DEC 76 1391	PREVIOUS ED	UTIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED	PAGE NO.

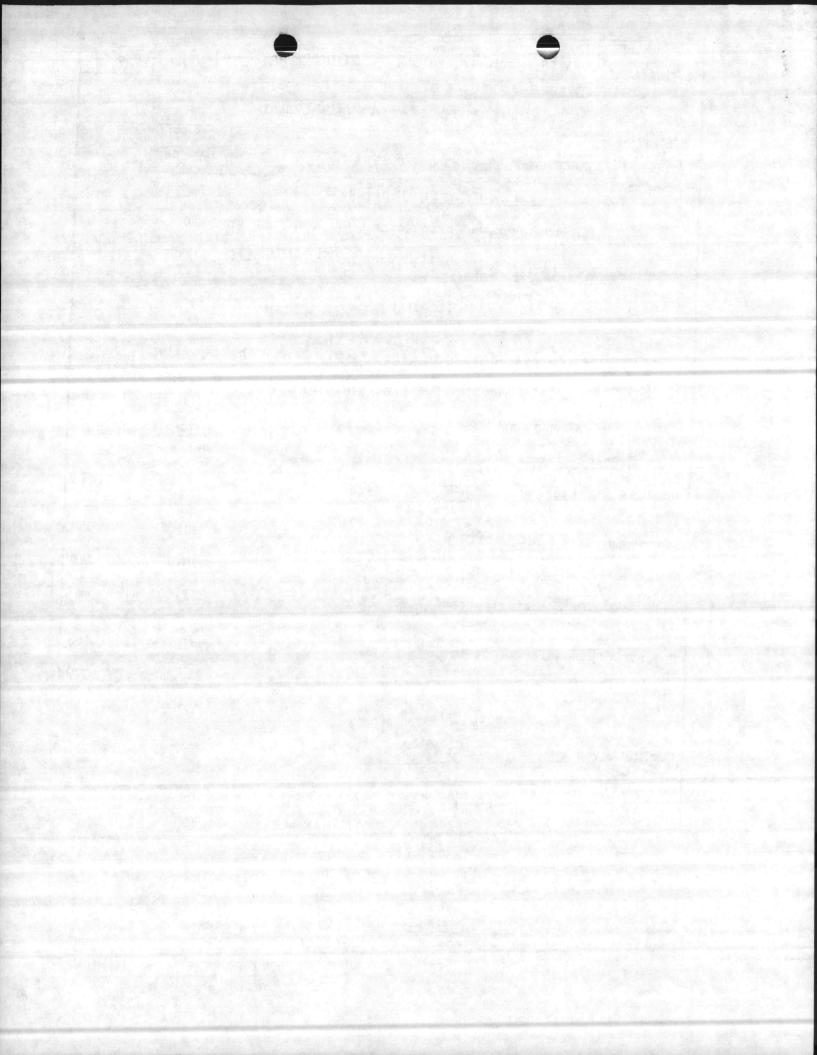


COMPONENT FY 19_89_MILITARY CONS	TRUCTIO	N PROJECT D	ATA 20 Fe	eb 86
INSTALLATION AND LOCATION	in a cig			Sec. 1
MARINE CORPS BASE, CAMP LEJEUNE, NORT	CH CAROLI	NA 28542	5. PROJECT NUI	MBER
PROJECT TITLE FIELD MAINTENANCE COMPLEX (INCREMENT	#3)		P-804	
(3) Collateral Equipment: (Co	ontinued)			in a star
*20-ton overhead bridgect	rane w/5	ton Auxiili		
*75-ton overhead bridgec *2 Ton Jib Crane	rane w/2	0 ton Auxili	ary hook	
*Paint spray booths *Twin post hydraulic lift	t, H.D.	lb cap	oacity	
*Paint drying oven			an a	n all in the second of the Community of the second of the
*Twin post hydraulic lif	t, H. D.	, 24,000 lb.	capacity	and states
*6, 12 & 24 volt DC Engi	ne Start	Systems		
(b) Expense Items:		Unit	Unit Price	Total Cost
Description	Qty	Issue	1. 1. 1.	La Section State
Bench, work, stationary, 28"D,	88	LF	77.59	\$ 6,827
34"H	3	EA	360.00	1,080
Bin parts, rota, 3'D, multi-bin	6	EA	90.00	540
Shelving, 12"W, w/adj Stds	, ,	EA	395.00	790
Tank, cleaning, parts, portable 38'x22'x34'	2	LA	555.00	No.
Bench, work stationary 36"D, 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	1	EA	200.00	200
textile 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
FORM COLOR PREVIOUS EDITIO			/	PAGE NO. 3

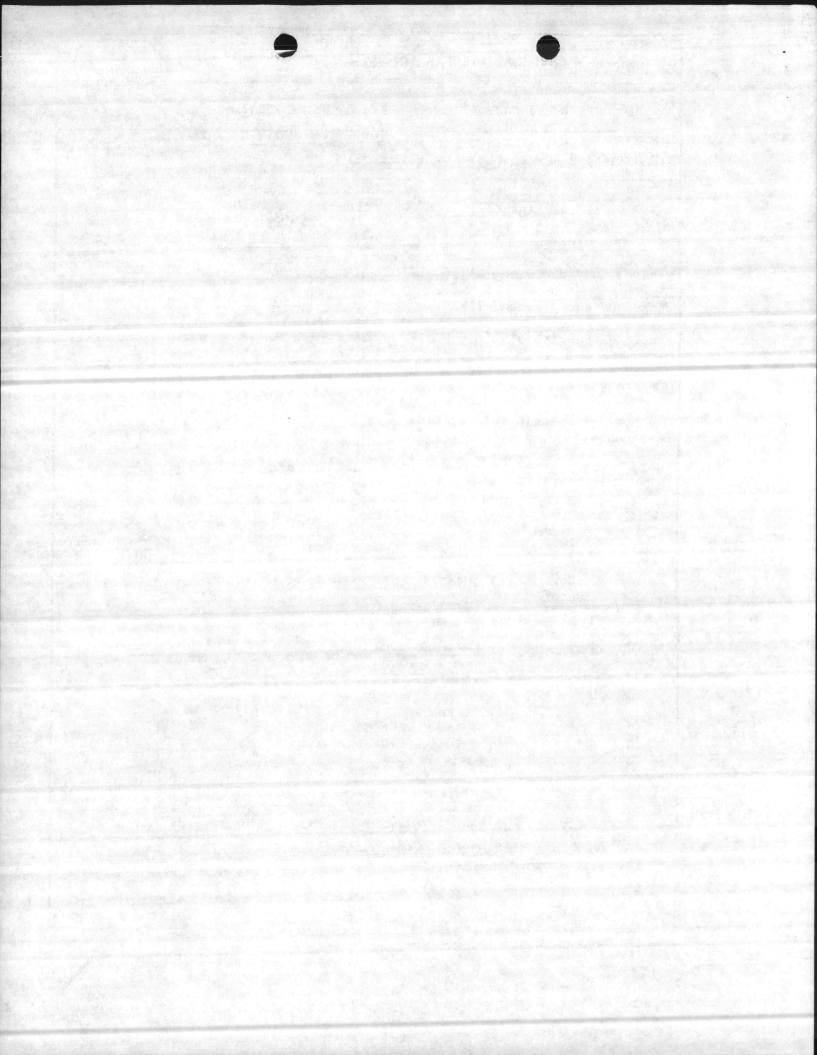
1.1

a start and

States .



ARINE CORPS FY 19 89 MILITARY CO	ONSTRUCT	ION PROJEC	T DATA	2. DATE 20 Feb 86
B. INSTALLATION AND LOCATION	and the second	and the second		20 1 20 00
MARINE CORPS BASE, CAMP LEJEUNE, N	ORTH CAROL	INA 28542		
PROJECT TITLE FIELD MAINTENANCE COMPLEX (INCREME	CNT #3)		5. PROJE P-8	ect number 304
(b) Expense Items: (C	Continued)			Total
Description	Qty	Unit Issue	Unit Price	· · · ·
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, 36"x144"x34"H	47	EA.	90.00	4,230
Cleaner, ultrasonic (electronic components)	2	EA	1,000.00	2,200
Racks, store 48"Dx48"H	1	EA	125.00	125
Racks, store, 36"Dx24"H	3	EA	100.00	300
TOTAL EX	XPENSE ITE	MS		37,677
(c) INVESTMENT	ITEMS - N	one.		
(d) APA EQUIPM	ENT - None	•		
• (e) TRAINING E	QUIPMENT -	None.		
(f) <u>SUMMARY</u> :				
Expense Investme	nt Cost	37,677		
Training	Cost	non I		
Total Cost	· •	37,677		
(4) <u>Supporting Facilit</u> teral equipment, site improvement etc. No demolition will be accom	, pollutio	n abatemen	t, utilit	ion, colla- y connections
성 등 이번 소작 등 방송 등 가 같다. 이번 등 것 같			1	PAGE NO. 4



1. COMPONENT MARINE CORF	S FY	9 <u>89</u> N	MILITARY	CONST	RUCTION P	REJECT	DATA	20 Feb 86	••
3. INSTALLATION MARINE CORN	NAND LOC.	ATION	I F IFIINE.	NORTH	CAROLINA	28542			
MARINE COR		CAM	LES LOND,	-			5. PRO	JECT NUMBER	t.

FIELD MAINTENANCE COMPLEX (INCREMENT #3)

21.00

P-804

Cost Estimate: Area cost factor for Camp Lejeune, NC is 0.86. Cost 4. data derived from the Military Construction Cost Review Guide, FY-82 (DOD 4270.1-CG) to provide for this facility, escalated to FY-89: A contingency factor of 5% is being used for this project.

Justification for Project and for Scope of Project: 5.

## a. Justification for Project:

(1) Project: Proposed facilities are required to provide maintenance personnel with adequate and secure facilities to perform artillery and ordnance maintenance.

(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 worktime and wasted energy.

Justification for Scope of Project: The project scope, b. 210,300 SF, is the minimum size facility that can meet the deficiency requirements for the Combat/Automotive/Track Field Maintenance Shop needs of the Maintenance Battalion of the 2d Force Service Support Group. See paragraph 13.

Equipment Provided from Other Appropriations: Not applicable. 6.

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

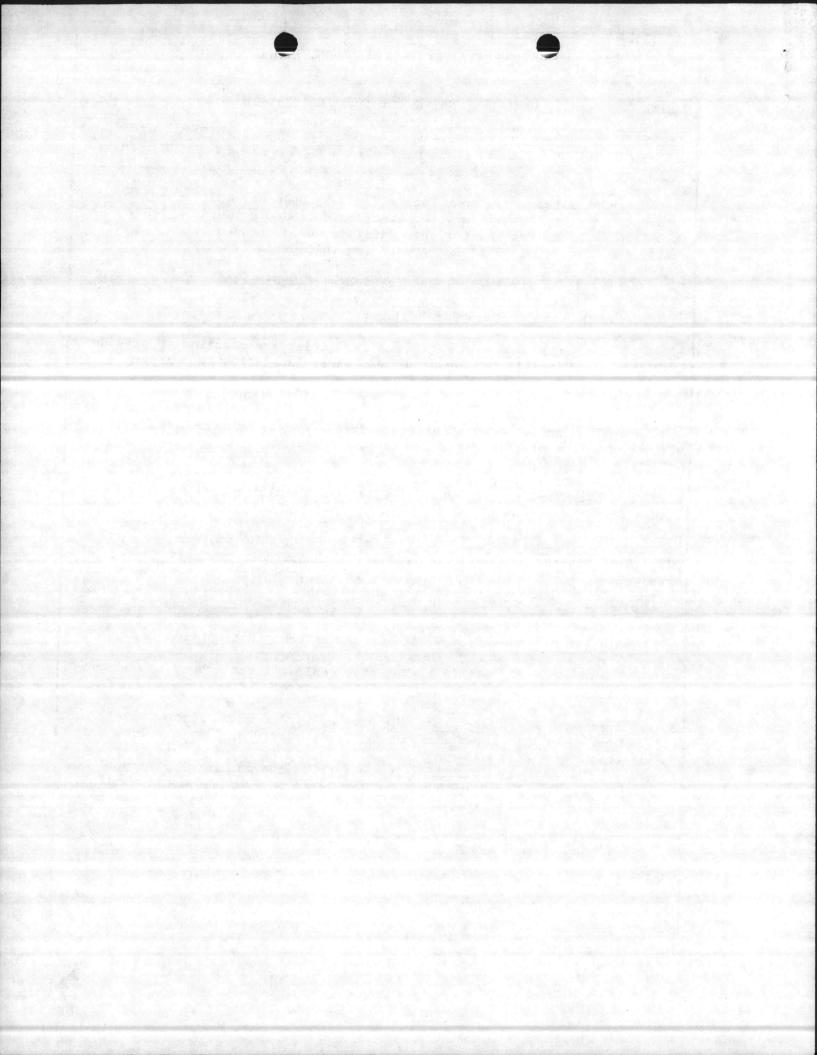
8. Effect on Other Resources: The project will require approximately \$10,000 per year increased O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. The project will enhance and improve the morale of personnel presently working 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.

DD 1 DEC 76 13910 N 0102-LE-001 3915

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGENO. 5 of 8

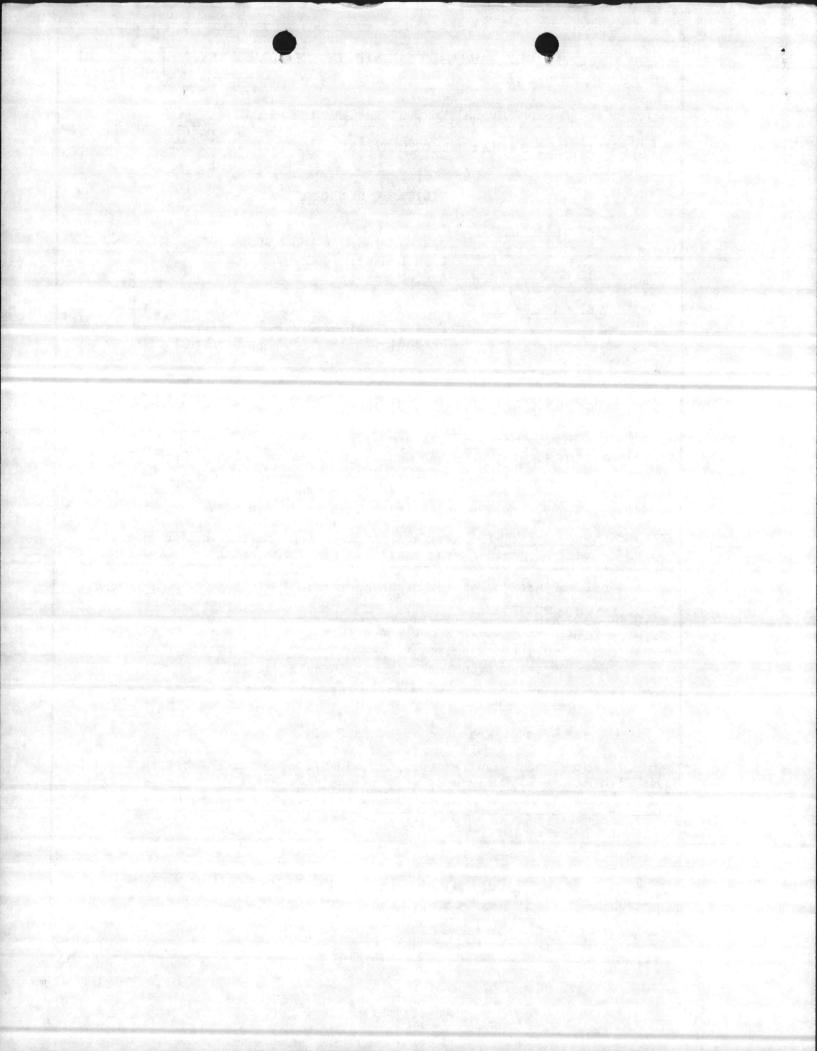
\*U.S. GOVERNMENT PRINTING OFFICE: 1979-603-076/7127 2-1



MARINE CORPS	FT 19 89 MIL	ITARY CONSTRU	CTION PROJ	ECT DATA	2. DATE
3. INSTALLATION A	ND LOCATION				20 Feb 86
	BACE CAND IE	TEINE NODELL OF		10	1. 198
4. PROJECT TITLE	BASE, CAMP LE	JEUNE, NORTH CA	ROLINA 285	1. State 1.	ECT NUMBER
	NANCE COMPLEX	(INCREMENT #3)		P-	804
		UTILITY REQUIE	REMENTS		
a.	Electricity:				
		Consumption:	the second se		
		Peak Demand: Avg. Demand:		KW KW	
		Avg. Demand.		K	
b.	Steam:	- Section of the section of the		/	
		Consumption: Demand:		Lbs/Yr Lbs/Yr	
с.	Coal:			Tons/Yr	
	<u></u>	a sugar a sugar		10110/11	
11			as Enclosure		
veloped site. savings to be operational p area. 12. Environm (EIA) is bein	Economic sa realized fro project in sup <u>mental Impact</u> ng written and dverse environ	This facility is vings will be to om efficient oper oport of an oper <u>Assessment</u> : An will be process mental impact to	s being cons in nominal e erations. T rational mis n Environmer ssed through	etructed on energy cons This is a m ssion locat ntal Impact the local	umption ilitary ed in this Assessment
veloped site. savings to be operational p area. 12. Environm (EIA) is bein Board. No ac 13. Quantita	Economic sa realized fro project in sup mental Impact ng written and dverse environ ative Data:	This facility is wings will be to m efficient oper port of an oper <u>Assessment</u> : And will be process mental impact to	s being cons in nominal e erations. T rational mis n Environmer ssed through in anticipat	etructed on energy cons This is a m ssion locat ntal Impact the local	umption ilitary ed in this Assessment
veloped site. savings to be operational p area. 12. Environm (EIA) is bein Board. No ac	Economic sa realized fro project in sup mental Impact ng written and dverse environ ative Data: <u>Unit of Meas</u>	This facility is ovings will be to om efficient oper oport of an oper <u>Assessment</u> : An will be process mental impact to sure: Square for	s being cons in nominal e erations. T rational mis n Environmer ssed through in anticipat	etructed on energy cons This is a m ssion locat tal Impact the local ted.	umption dilitary ed in this Assessment EIA Review
veloped site. savings to be operational p area. 12. Environm (EIA) is bein Board. No ac 13. Quantita a. b. ment for the the requireme	Economic sa e realized fro project in sup mental Impact ng written and dverse environ ative Data: <u>Unit of Meas</u> <u>Total Requir</u> French Creek ent for this c	This facility is wings will be to m efficient oper port of an oper <u>Assessment</u> : And will be process mental impact to	s being cons in nominal e erations. T rational mis n Environmer ssed through in anticipat eet. O SF. The H 48,840 SF. 214-53) is c	etructed on energy cons This is a m esion locat tal Impact the local ted. Basic Facil NAVFAC P-8	umption dilitary ed in this Assessment EIA Review
veloped site. savings to be operational p area. 12. Environm (EIA) is bein Board. No ac 13. Quantita a. b. ment for the the requireme	Economic sa e realized fro project in sup mental Impact ng written and dverse environ ative Data: <u>Unit of Meas</u> <u>Total Requir</u> French Creek ent for this c	This facility is by ings will be a mefficient oper aport of an oper Assessment: An will be process mental impact a sure: Square for ement: 448,844 area (EA) is 4 category code (1)	s being cons in nominal e erations. T rational mis n Environmer ssed through in anticipat eet. O SF. The H 48,840 SF. 214-53) is c	etructed on energy cons This is a m esion locat tal Impact the local ted. Basic Facil NAVFAC P-8	umption dilitary ed in this Assessment EIA Review
veloped site. savings to be operational p area. 12. Environm (EIA) is bein Board. No ac 13. Quantita a. b. ment for the the requireme	Economic sa e realized fro project in sup mental Impact ng written and dverse environ ative Data: <u>Unit of Meas</u> <u>Total Requir</u> French Creek ent for this c	This facility is by ings will be a mefficient oper aport of an oper Assessment: An will be process mental impact a sure: Square for ement: 448,844 area (EA) is 4 category code (1)	s being cons in nominal e erations. T rational mis n Environmer ssed through in anticipat eet. O SF. The H 48,840 SF. 214-53) is c	etructed on energy cons This is a m esion locat tal Impact the local ted. Basic Facil NAVFAC P-8	umption dilitary ed in this Assessment EIA Review

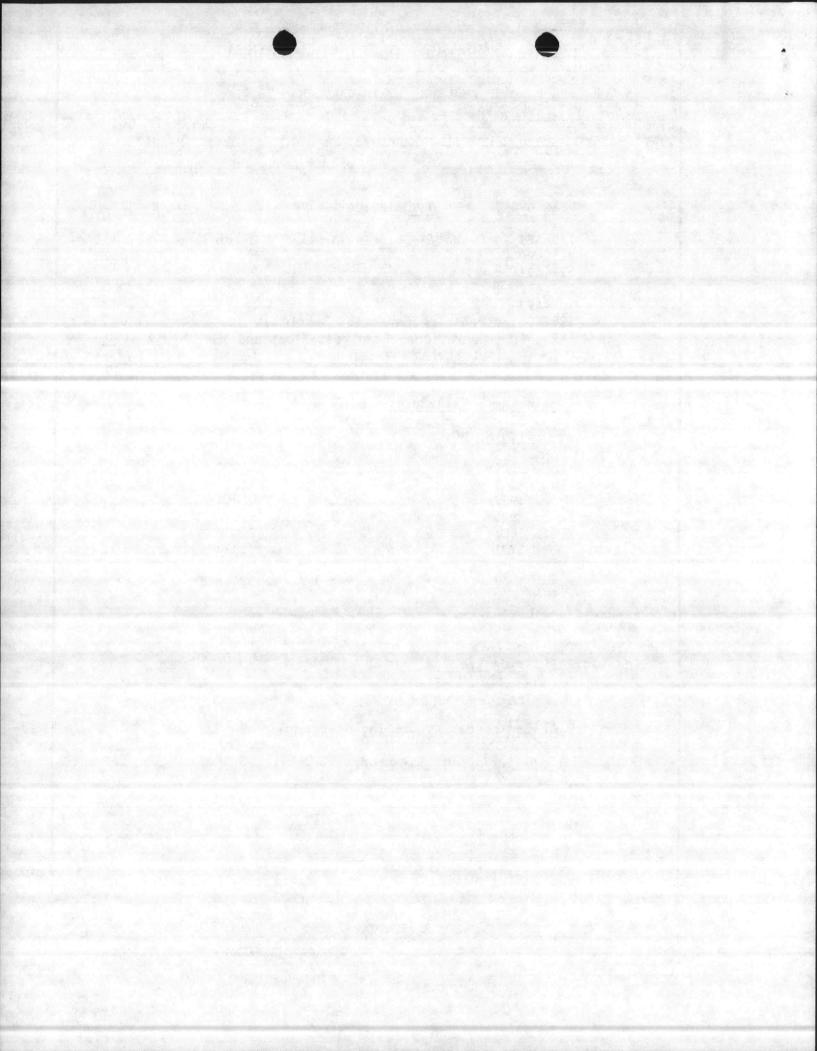
. . .

.....



ARTINE CORPS BASE, CAN	P LEJUENE, NORTH CAROLINA	2854 <b>2</b>	
. PROJECT TITLE FIELD MAINTENANCE COMP	PLEX (INCREMENT #3)		804
and the state of the state	and the second second second		s approximation of the
NAVFAC DWG	DESCRIPTION	A	REA SF
1294489	Combat/Automotive/Track Flo	Maint Shop	220,000
1294490		u	, 53,000
1294491			47,500
1294492			48,000
1294492			52,800
1294508	Vehicle Inspection Station		7,540
- 1294444	Operational Readiness Float Utilities Platoon	and	20,000
		Total	448,840
c. Existing	g Substandard: 165,448 SF		
BUILD	ING NO.	AREA SF	
900	)*	3,600	
903		21,224	
902		50,064	
905		13,640	
160		62,000	
		and the second	
177:		14,920	
	Total	165,448 SF	
*multi-use type build	lings.		
d. Existing	g Inadequate: 0		
e. Existing	g Adequate: 0		
	ssets, Not in Inventory: 0		
and the second second second		60,540 SF	
g. <u>Funded</u> ,	<u>Not in inventory</u> . (if or)		
•			

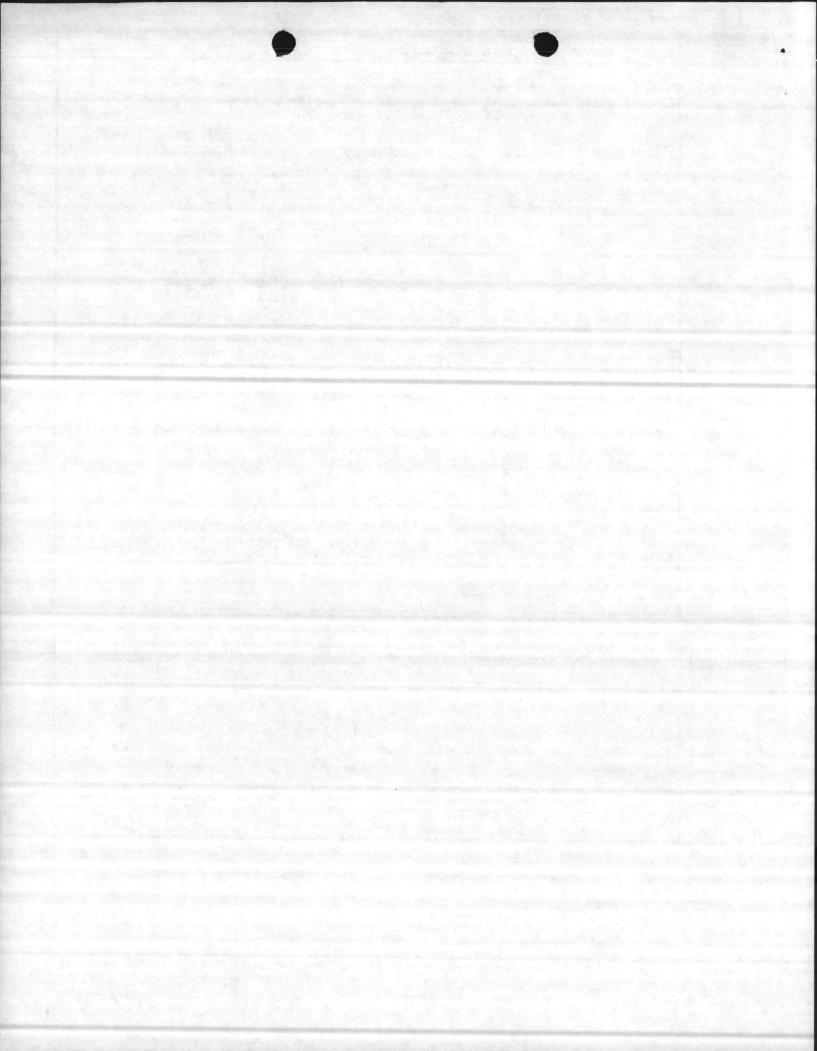
.....

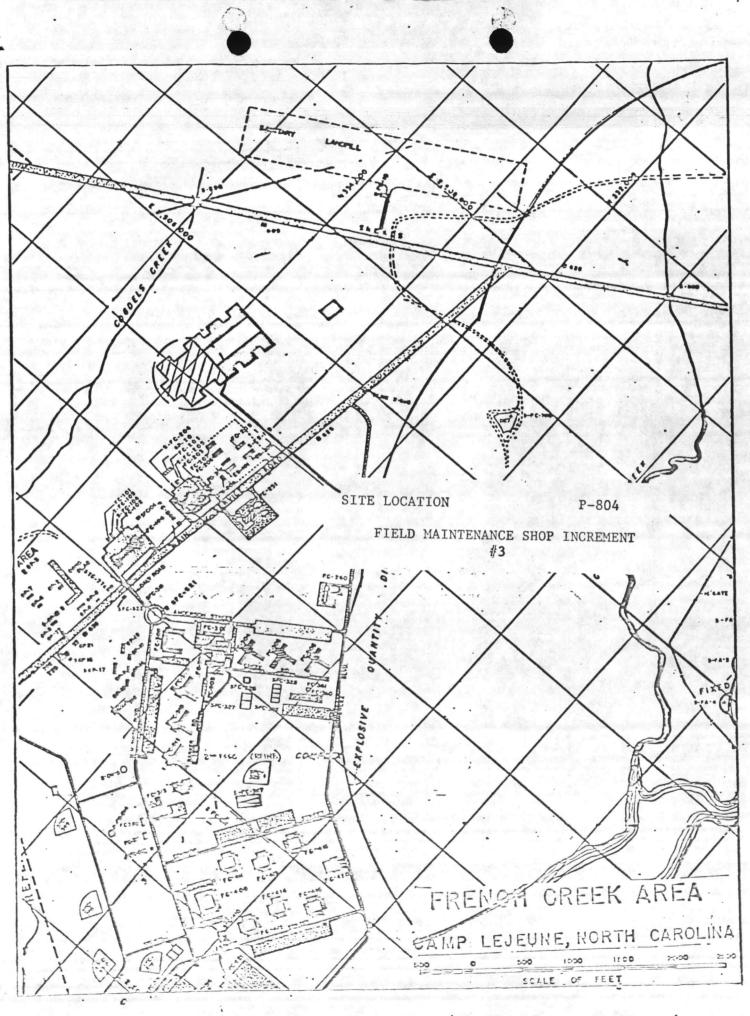


1. COMPONENT		2. DATE
MARINE CORPS 19 89 MILITARY CONSTR	UCTION PROJECT DATA	20 Feb 86
3. INSTALLATION AND LOCATION	and the second second second second	
MARINE CORPS BASE, CAMP LEJEUNE, NORTH (	AROLINA 28542	
4. PROJECT TITLE	5. PRC	JECT NUMBER
FIELD MAINTENANCE COMPLEX (INCREMENT #:		P-804
NAVFAC Dwg Descript:	on <u>Area SF</u>	la de la companya de La companya de la comp
1294490 Combat/Automot Maintenance Sho		
1294508 Vehicle Inspect	ion Station <u>7, 54</u> Total <u>60, 54</u>	0 0 sf
<ol> <li><u>Deficiency</u>: (b - h) = 388</li> <li>Maintenance Facilities: Not applic</li> </ol>	and a supplicing the	
15. Morale, Welfare and Recreation Fac:	lities: Not applicab	le.
16. <u>Relocation Facilities</u> : Not applica	ble.	
17. Storage Facilities: Not applicable	• The stations	
18. Hazard Identification, Assessment,		
will be a Motor Transport School facilit hazardous conditions will be considered		
a. Exhaust fumes.		
b. Battery acid fumes.	an Asil	
c. Gasoline/diesel fumes.		

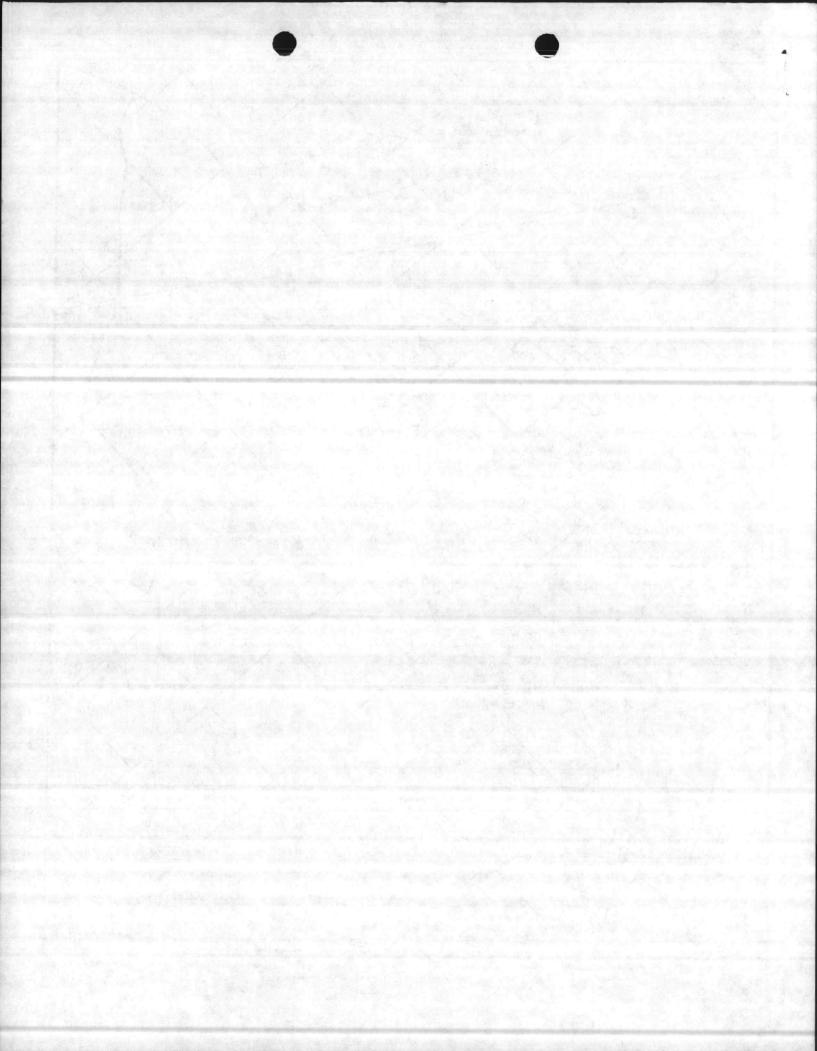
÷,

·· U.S. GOVERNMENT PRINTING OFFICE: 1979-603-076 7127 2-1

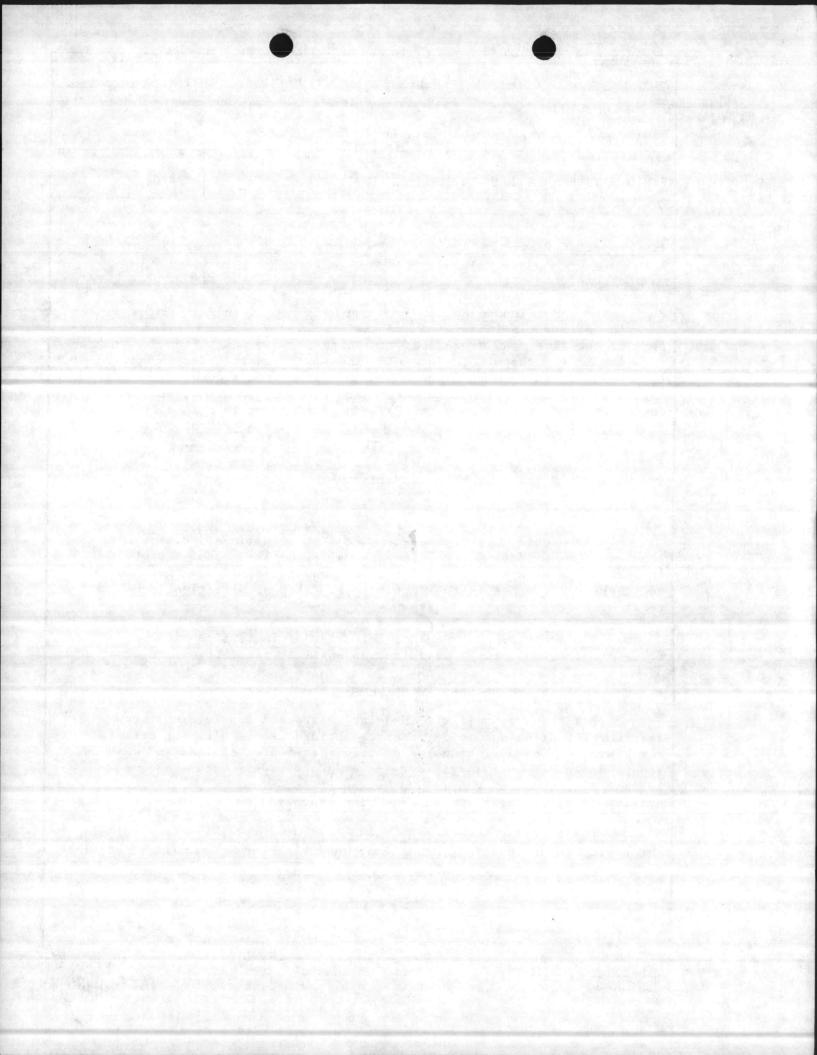




· ENCLOSURE (1)



1. COMPONENT			2. DATE
MARINE CORPS FY 19	89 MILITARY CONSTRUCTIO	N PROJECT DATA	1 July 1985
3. INSTALLATION AND LOCAT	ION		1
MARINE CORPS BASE, O	CAMP LEJEUNE, NORTH CAROLI	NA 28542	
4. PROJECT TITLE		5. PROJ	ECT NUMBER
FIELD MAINTENANCE CO	OMPLEX (INCREMENT #3)	P-8	04
	FACILITY STUDY		
	de 210,300 SF of Combat/Au ea as Increment 3 of a tot •		0 SF
duration of need is cent of the time. is spent in the shop third and fourth ech Marine Division (FM Force Service Suppor project; however, in	nned Future Workload with indefinite and the facili An average of ten hours pe ps. The organization is r helon maintenance on equip F); Marine Corps Air Stati rt Group (REIN). The futu t is expected to increase ew items are introduced in	ty will be utiliz or day for a five- esponsible for pe ment assigned to on (H), New River ore workload is di as the present eq	ed 100 per- day work wee rforming the 2d ; and 2d fficult to
3. Description of 2	Proposed Organization:		
a. <u>Type of Con</u>	struction:		
concrete foundation interior support sy	wo-story maintenance shop s, floors, masonry walls, stems, and air conditionin ts, site improvements, ext s.	built-up roof, in g. Rigid and fle	sulation, exible walks
	: Not applicable; existin atisfy deficiencies until		
c. <u>Description</u>	of Work to be Done:		
structure on pile f structure, air cond repair areas, secur exhaust system,	Facility: Modular reinfo oundation, overhead bridge itioning and dehumidificat ity artillary and ordnance 12V & 24V DC Engine start , pavements and site impro	e cranes with supp tion of optical and repair areas, en CUPS AND Second Performent up system. Exte	orting nd weapons
(2) <u>Energy</u> materials and orien	Conservation: Energy effic tation for maximum energy	cient equipment an	nd building
	· · · · · · · · · · · · · · · · · · ·		



1. COMPONENT		au pa a ir ar		DATE
MARINE CORPS FY 19_89_MILITARY CON	VSTRUCTI	ON PROJECT	DATA 1	July 1985
3. INSTALLATION AND LOCATION	C. State			
MARINE CORPS BASE, CAMP LEJEUNE, NO	RTH CAROL	INA 28542		
4. PROJECT TITLE			5. PROJECT	
FIELD MAINTENANCE COMPLEX (INCREMEN	T #3)	and the part of	P-80	4
(3) <u>Collateral Equipment</u> : (	Continued	)		
-*20-ton overhead bridge	crane w7	S TON AUX. H	OOK	
*75-ton overhead bridge (11) * Z-TON JIB CRANE	crane W7Z	OTON AUX. Ha	*	nagal (# 11) 1 kijan
*Paint spray booths				
(Z) *Paint drying oven *Twin Part Hudrovuc LIFT	H.D. 11,000	ZA,000 16		
*Twin post hydraulic li			. capacit	у
(24)				
*6, 12 & 24 volt DC Eng	ine Start	: System <b>s</b>	and a second	
(b) Expense Items:				<b>T1</b>
Description	Qty	Unit Issue	Unit Price	Total Cost
	a The s	STOTAL ST	and the second	and the start
Bench, work, stationary, 28"D, 34"H	88	LF	77.59	\$ 6,82
Bin parts, rota, 3'D, multi-bin	3	EA	360.00	1,08
Shelving, 12"W, w/adj Stds	6	EA	90.00	54
Tank, cleaning, parts, portable 38'x22'x34'	2	EA	395.00	79
Bench, work stationary 36"D, 34"H	2	EA	75.00	15
Stand, axle	1	EA	200.00	20
Machine, sewing, light textile	1	EA	750.00	75
Table, layout, 16'x5', light textile	. 1	EA	200.00	20
Table, work 16'x2', light textile	7	EA	175.00	1,22
Machine, sewing, heavy canvas	3	EA	1,100.00	3,30
Table, work, 16'x7' wood top	3	EA	225.00	) 67
Shelving, 24"W	,324	LF	10.00	13,24

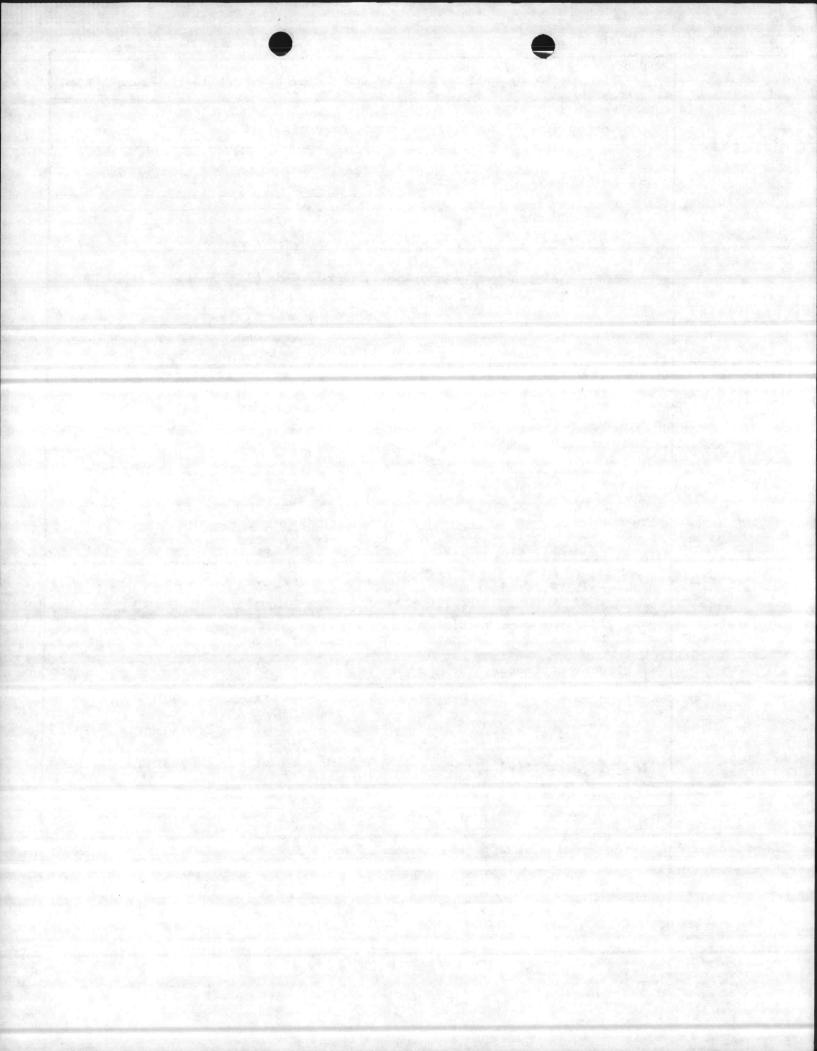
PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

ì

DD 1 DEC 76 1391C

US GOVERNMENT PRINTING OFFICE: 1979-603-076/7127 2-1

PAGE NO. 3 Of 8



4. PROJECT TITLE	BASE, CAMP LEJEUNE, NORTH CAROLINA 2854	4.2	
4. PROJECT TITLE	BASE, CAMP LEJEUNE, NORTH CAROLINA 2854	1.7	in the second
		42	
FIELD MAINTE		5. PROJECT	NUMBER .
	NANCE COMPLEX (INCREMENT #3)	P-8	304.
(3)	Collateral Equipment:	Contrar of	
	the second s		
	(a) <u>Built-in MCON Funded</u> :		
	*Venetian blinds and window screens		
	*Air Conditioning, heating, and ven	tilating syst	ems
	*Interior steam system		
	*Sprinkler system		
	*Plumbing system		
	*Telephone, fire alarm, and interco	m system <b>s</b>	
	*Drinking water coolers		
	*Air hose reel, 150 PSI H.D., w/hos hose stop (ceiling, wall, or pedes	e control val tal mounted)	ve and
	*Elec extension cord reel, H.D. w/c (ceiling, wall, or pedestal mounte	ord stop d)	
	*Water hose reel, H.D., w/hose cont hose stop (ceiling, wall or pedest	rol valve and al mounted)	
	*Lube hose reel, H.D., w/hose contr wall or pedestal mounted)	ol (ceiling,	
	*Exhaust system, underground (autom construction equipment)	notive or	
	*Pass window, 4' wide, w/counter & down shutter, w/fusible link, if r (4) * (-ToN OVERHAN) MONORAIL	"B" label rol equired	1
	*1-ton overhead bridgecrane		
	*5-ton overhead bridgecrane		
e	) () *10-ton overhead bridgecrane		
	✓ *15-ton overhead bridgecrane		1

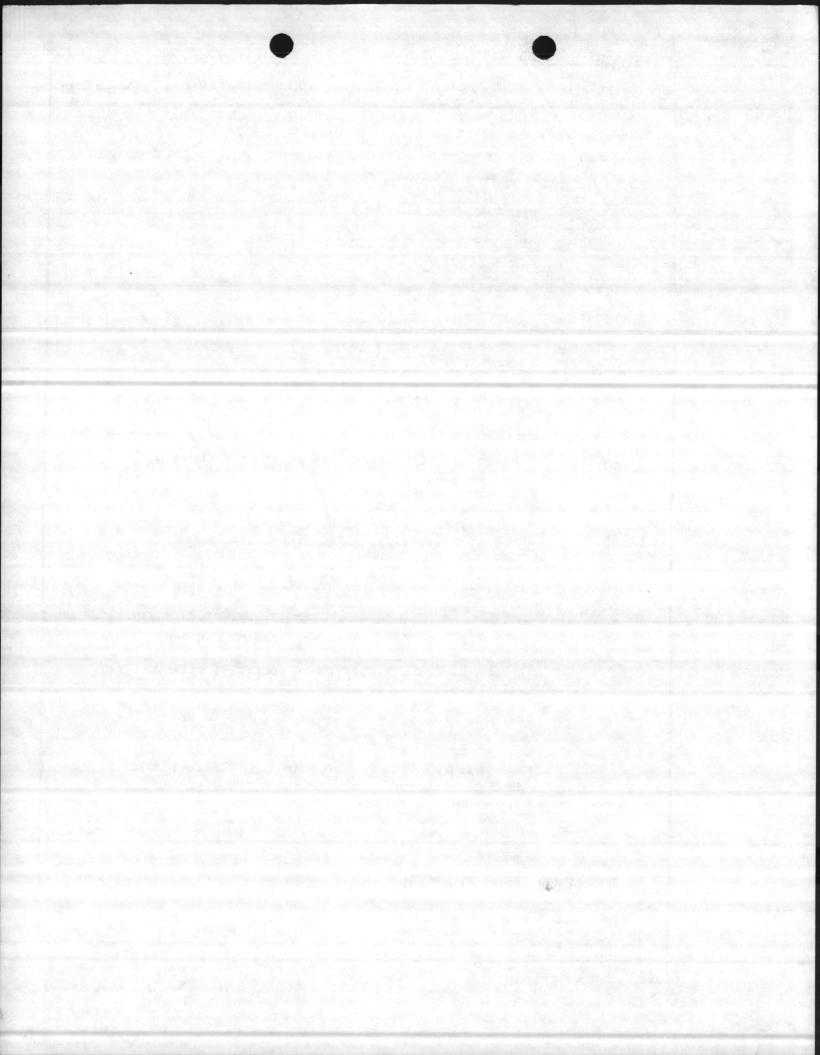
i

..

1. 2

1. :

••



. COMPONENT			- 22		2. DA	TE
MARINE CORPS F	Y 19_89_MILITARY	CONSTRUCTIO	ON PROJE	CT DATA	1 Ju	ly 198
. INSTALLATION AND	LOCATION	Stand and	Star Section	and the second second	1	
MARINE CORPS BAS	SE, CAMP LEJEUNE,	NORTH CAROLI	NA 28542			
4. PROJECT TITLE			•	5. PROJE	CT NU	MBER
FIELD MAINTENAN	CE COMPLEX (INCRE	MENT #3)		P-8	304	
(1)		(0				
(b)	Expense Items:	(Continued)	Unit	Unit		Total
Descriptio	on .	Qty	Issue	Price		Cost
and a second second				an and a manual		
Machine, OM, clo	eaning, 2'x5'	1	EA	300.00		300
Tanks, OM equip	rinse, 2'x2'	3	EA	35.00		10
			120			
Bench, OM repair	r, 3'x4'	24	EA	60.00		1,440
Bench, electron:	ics repair,	47	EA.	90.00		4,230
36"x144"x34"H						
Classes	ania (alastronia	2	EA	1,000.00		2,200
components)	onic (electronic	· <b>∠</b>	LA	1,000.00		2,200
				14		- Real
Racks, store 48	"Dx48"H	1	EA	125.00		12
Racks, store, 3	6"Dx24"H	3	EA	100.00		300
				No. Konge		Color Star
						27 67
	TOTAL	EXPENSE ITEMS	5			37,67

(c) INVESTMENT ITEMS - None.

(d) APA EQUIPMENT - None.

(e) TRAINING EQUIPMENT - None.

(f) SUMMARY:

	Expense Items	37,677
	Investment Cost	
and the second	Training Cost	-
		1
	s starte a second	

Total Cost · 37,677

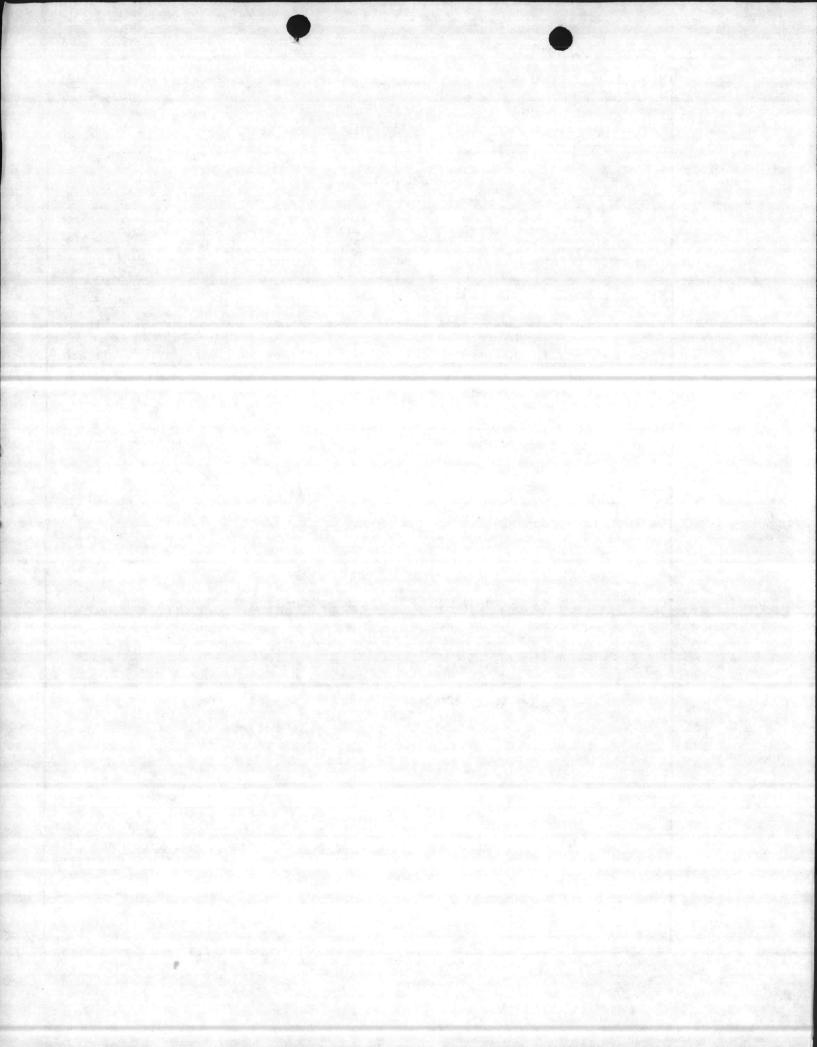
(4) <u>Supporting Facilities</u>: Special piling, foundation, collateral equipment, site improvement, pollution abatement, utility connections, etc. No demolition will be accomplished on this project.

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGENO. 4 of 8

"US. GOVERNMENT FRINTING OFFICE: 1979-603-076/7127 2-1

\*



COMPONENT		2. DATE
MARINE CORPS FY 1989 MILITARY CONSTRUCTION PROJECT	DATA	1 July 1985
INSTALLATION AND LOCATION		1
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		+2
PROJECT TITLE		ECT NUMBER
FIELD MAINTENANCE COMPLEX (INCREMENT #3)	P-	804
4. <u>Cost Estimate</u> : Area cost factor for Camp Lejeune, data derived from the Military Construction Cost Review (DOD 4270.1-CG) to provide for this facility, escalated contingency factor of 5% is being used for this project	NC is Guide, to FY-	FY-82
5. Justification for Project and for Scope of Project	:	
a. Justification for Project:		
(1) <u>Project</u> : Proposed facilities are r maintenance personnel with adequate and secure faciliti artillery and ordnance maintenance.		
(2) <u>Current Situation</u> : Personnel are wand makeshift facilities that are totally inadequate in utility requirements, and site location.		
(3) <u>Impact If Not Provided</u> : Personnel work in substandard and makeshift facilities, resulting time and wasted energy.		
b. Justification for Scope of Project: The 210,300 SF, is the minimum size facility that can meet requirements for the Combat/Automotive/Track Field Main of the Maintenance Battalion of the 2d Force Service Su paragraph 13.	the def tenance	iciency Shop needs
6. Equipment Provided from Other Appropriations: Not	applic	able.
7. <u>Common Support Facilities</u> : Not applicable. There port facilities available in the French Creek Area.	are no	common sup-
8. Effect on Other Resources: The project will requires \$10,000 per year increased O&MMC funds for increased ut operations. No additional personnel will be required to facility. The project will enhance and improve the morpresently working in widely dispersed facilities. Proposhould be responsive to the challenges presented by the and comply with the requirements of Executive Order 120 and implemented by NAVFACINST 4100.5A.	ility s o opera ale of osed co energy	ervices and te this personnel nstruction situation

DD 1 DEC 76 1391C

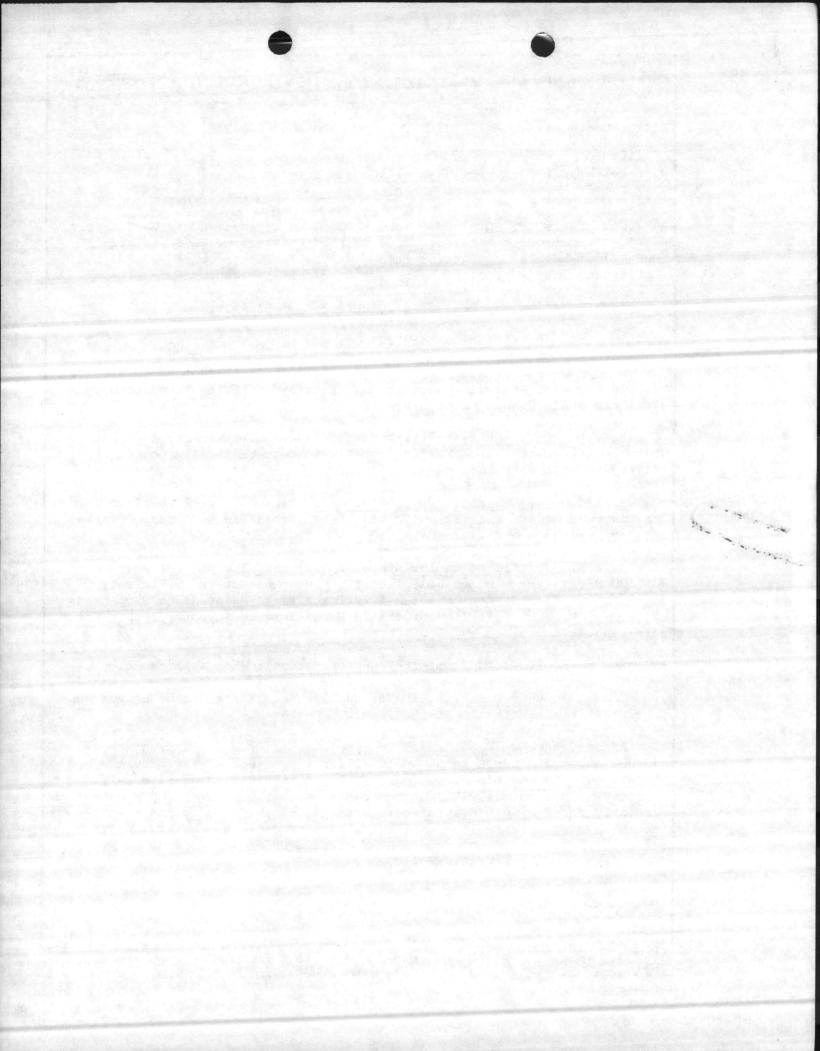
1

.

PAGE NO. 5 of 8

٠

+U.S. GOVERNMENT PRINTING OFFICE: 1979-603-076/7127 2-1



1. COMPONEN			ITADV CONTENT		ECT DATA	ALLER ALPH ADALA
MARINE CO	ORPS	FT 19_05 WILL	ITARY CONSTRU	ICTION PROJ	EUIDAIA	Carty Q98
3. INSTALLAT	ION A	ND LOCATION	the states of	14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ser est	AND SALES
MARINE CO	DRPS	BASE, CAMP LE	EJEUNE, NORTH CA	ROLINA 285	42	
4. PROJECT TI			- 19 Ma - 19 Mar - 19			OJECT NUMBER
FIELD MAI	INTEN	ANCE COMPLEX	(INCREMENT #3)	and the second second	] ]	P-804
				2012 - 1997 -		
			UTILITY REQUIN	REMENTS	1.1	
				1.11		
	a.	Electricity	Consumption:	1,500,000	KWHR / VR	
			Peak Demand:			
			Avg. Demand:		KW	
	b.	Steam:	Consumption:	2,372,500	Lbe/Vr	
			Demand:	1,500		
	c.	Coal:			Tons/Yr	Fig. March 199
0 51+4	ing o	of the Project	t. This facili	ty will be 1	located in	n the French
Creek Are	ea, i	n keeping wit	t: This facilit th the Camp Lejo	eune Master	Plan. S	
Creek Are	ea, i er Gr	n keeping wit	th the Camp Leje	eune Master ing Photogra	Plan. So aphs: NA	
Creek Are 10. Othe 1294489,	ea, i er Gr 1294	n keeping with caphic Presen 491, and 129	th the Camp Leje tations, includ 4493 submitted	eune Master ing Photogra as Enclosure	Plan. So aphs: NA a (2).	ee enclosure(1 VFAC Drawings
Creek Are 10. Othe 1294489, 11. Econ veloped s savings to operation area. 12. Env: (EIA) is	ea, i er Gr 1294 nomic site. to be nal p ironm bein	n keeping with aphic Presen 491, and 129 Analysis: Economic sa realized fro project in sup mental Impact g written and	th the Camp Leje	eune Master ing Photogra as Enclosure s being cons in nominal e erations. T rational mis n Environmer ssed through	Plan. So aphs: NA a. (2). structed of energy co This is a ssion loc. ntal Impa n the loc	ee enclosure(1 VFAC Drawings on an unde- nsumption military ated in this ct Assessment
Creek Are 10. Othe 1294489, 11. Econ veloped s savings to operation area. 12. Env: (EIA) is Board. 1	er Gr 1294 nomic site. to be nal p <u>ironm</u> bein No ad	n keeping with aphic Presen 491, and 129 Analysis: Economic sa realized fro project in sup mental Impact g written and	th the Camp Leje tations, includ 4493 submitted This facility is avings will be om efficient op pport of an oper <u>Assessment</u> : An d will be proces	eune Master ing Photogra as Enclosure s being cons in nominal e erations. T rational mis n Environmer ssed through	Plan. So aphs: NA a. (2). structed of energy co This is a ssion loc. ntal Impa n the loc	ee enclosure(1 VFAC Drawings on an unde- nsumption military ated in this ct Assessment
Creek Are 10. Othe 1294489, 11. Econ veloped s savings to operation area. 12. Env: (EIA) is Board. 1 13. Quan ment for the requ:	ea, i er Gr 1294 nomic site. to be nal p ironm bein No ad ntita a. b. the ireme	an keeping with aphic Presen 491, and 129 Analysis: Economic sa realized fro project in sup mental Impact by written and verse enviros ative Data: Unit of Mea Total Requi French Creek ent for this	th the Camp Leje tations, includ 4493 submitted This facility is avings will be om efficient ope pport of an ope <u>Assessment</u> : An d will be proces nmental impact	eet. O SF. The H 22,600 SF. 214-53) is o	Plan. So aphs: NA a.(2). structed energy co This is a ssion loc ntal Impa the loc ted. Basic Fac NAVFAC P	ee enclosure(1 VFAC Drawings on an unde- nsumption military ated in this ct Assessment al EIA Review ility Require- -80 states tha
Creek Are 10. Othe 1294489, 11. Econ veloped s savings to operation area. 12. Env: (EIA) is Board. 1 13. Quan ment for the requ:	ea, i er Gr 1294 nomic site. to be nal p ironm bein No ad ntita a. b. the ireme	an keeping with aphic Presen 491, and 129 Analysis: Economic sa realized fro project in sup mental Impact by written and verse enviros ative Data: Unit of Mea Total Requi French Creek ent for this	th the Camp Leje tations, includ 4493 submitted This facility is avings will be om efficient ope pport of an ope <u>Assessment</u> : And d will be process nmental impact <u>sure</u> : Square f <u>448,84</u> rement: 442,60 area (EA) is 4 category code (	eet. O SF. The H 22,600 SF. 214-53) is o	Plan. So aphs: NA a.(2). structed energy co This is a ssion loc ntal Impa the loc ted. Basic Fac NAVFAC P	ee enclosure(1 VFAC Drawings on an unde- nsumption military ated in this ct Assessment al EIA Review ility Require- -80 states tha
Creek Are 10. Othe 1294489, 11. Econ veloped s savings to operation area. 12. Env: (EIA) is Board. 1 13. Quan ment for the requ:	ea, i er Gr 1294 nomic site. to be nal p ironm bein No ad ntita a. b. the ireme	an keeping with aphic Presen 491, and 129 Analysis: Economic sa realized fro project in sup mental Impact by written and verse enviros ative Data: Unit of Mea Total Requi French Creek ent for this	th the Camp Leje tations, includ 4493 submitted This facility is avings will be om efficient ope pport of an ope <u>Assessment</u> : And d will be process nmental impact <u>sure</u> : Square f <u>448,84</u> rement: 442,60 area (EA) is 4 category code (	eet. O SF. The H 22,600 SF. 214-53) is of the sector the sect	Plan. So aphs: NA a.(2). structed energy co This is a ssion loc ntal Impa the loc ted. Basic Fac NAVFAC P	ee enclosure(1 VFAC Drawings on an unde- nsumption military ated in this ct Assessment al EIA Review ility Require- -80 states tha
Creek Are 10. Othe 1294489, 11. Econ veloped s savings to operation area. 12. Env: (EIA) is Board. 1 13. Quan ment for the requ:	ea, i er Gr 1294 nomic site. to be nal p ironm bein No ad ntita a. b. the ireme	an keeping with aphic Presen 491, and 129 Analysis: Economic sa realized fro project in sup mental Impact by written and verse enviros ative Data: Unit of Mea Total Requi French Creek ent for this	th the Camp Leje tations, includ 4493 submitted This facility is avings will be om efficient ope pport of an ope <u>Assessment</u> : And d will be process nmental impact <u>sure</u> : Square f <u>448,84</u> rement: 442,60 area (EA) is 4 category code (	eet. O SF. The H 22,600 SF. 214-53) is of the sector the sect	Plan. So aphs: NA a.(2). structed energy co This is a ssion loc ntal Impa the loc ted. Basic Fac NAVFAC P	ee enclosure(1 VFAC Drawings on an unde- nsumption military ated in this ct Assessment al EIA Review ility Require- -80 states tha

DD 1 DEC 76 1391C

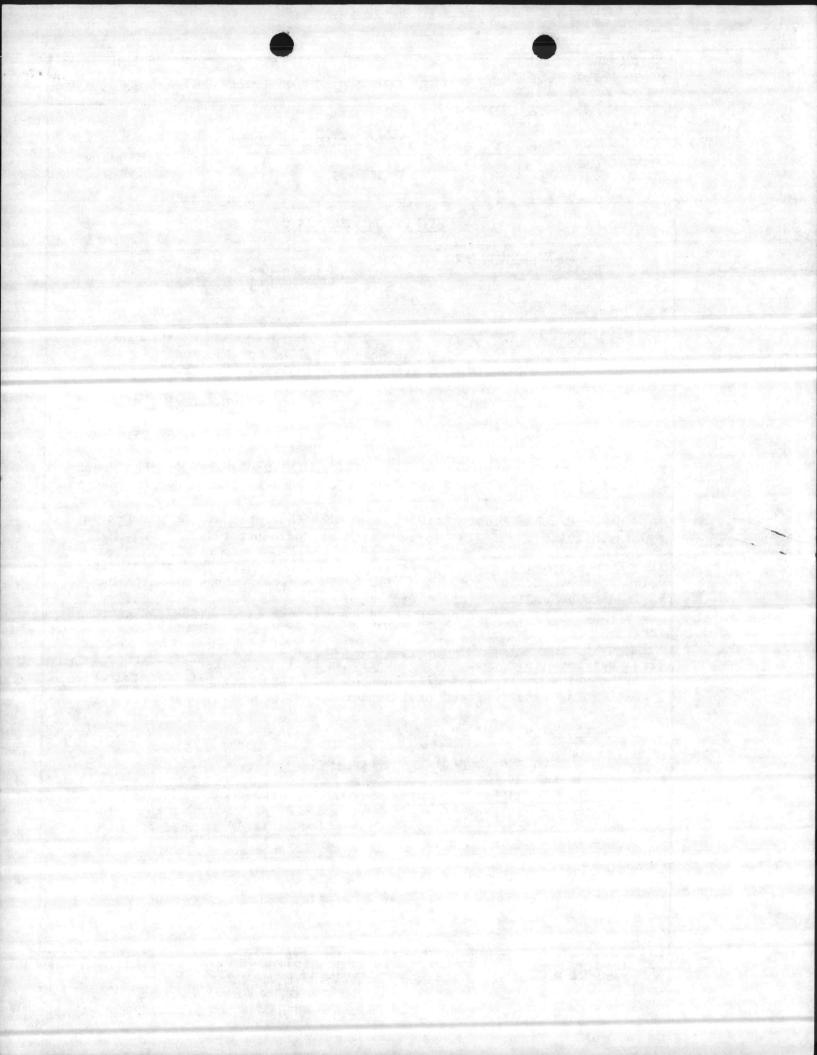
1

ì.

1.

PAGE NO.6 Of 8

US GOVERNMENT PRINTING OFFICE: 1979-603-076/7127 2-1



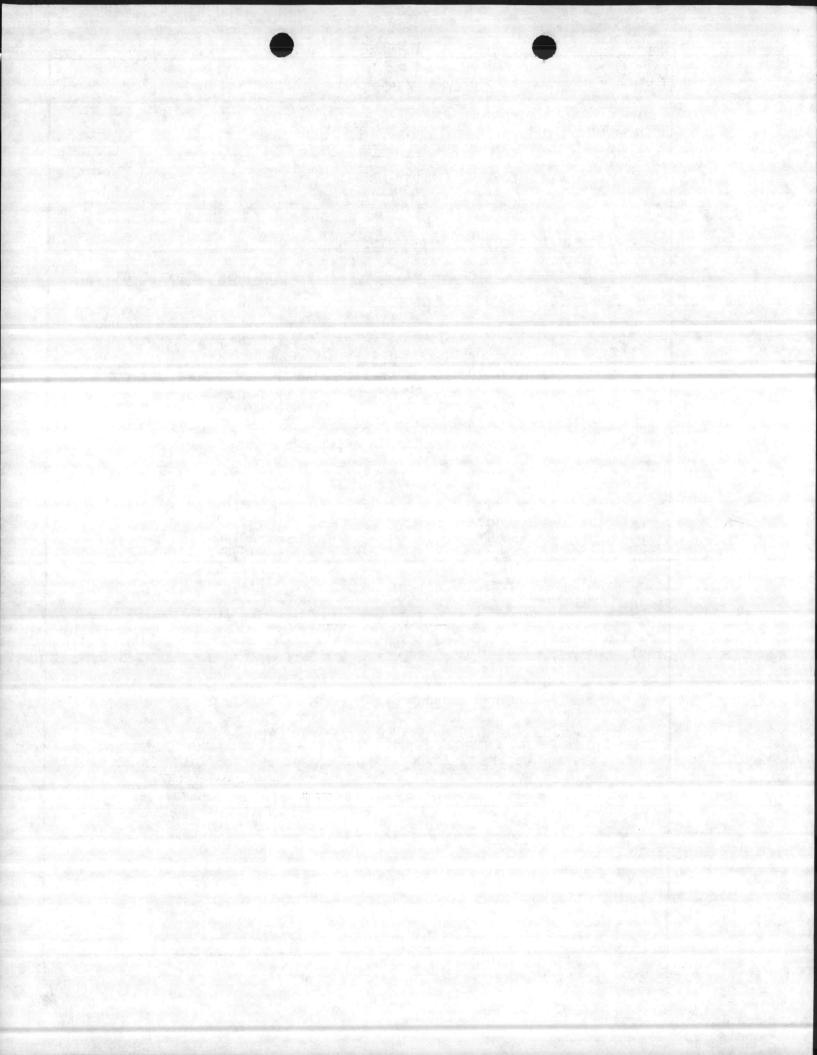
1. COMPONENT MARINE CORPS					-	2. DATE 1 July 1985
MARINE CONTO	FY 19_07	MILITARY CON	ISTRUCTION	I PROJECT DA	AIA	1 July 1985
3. INSTALLATION A MARINE CORPS		LEJUENE, NOF	TH CAROLIN	A 28542	•	
4. PROJECT TITLE	4446 ( 1997) 1997 - 1997 - 1997		Same in	E		ECT NUMBER
FIELD MAINTEN	ANCE COMPL	EX (INCREMENT	2 #3)		P-8	304
NAV	FAC DWG #	DESCRIP	PTION .		Al	REA SF
1	294489	Combat/Automo	tive/Track	Fld Maint S	Shop	220,000
1	294490			and a state of the second s		53,000
	294491			"		47,500
	294492					48,000
	294493	W.1.4.1. T				52,800
		Vehicle Inspe				7,540
	23444 <b>4</b> /4/	Construction Perational RGA	DINESS FLOAT	PLATOON .		The second second
				Total		442,600
· · · · ·			1/5 //0 0			448,840
с.	Existing	Substandard:	165,448 S	F		
	BUILDIN	G NO.		AREA SF		
	900*			3,600		
	901*			21,224		
menetik - Strand	902*			50,064		a
	905*		2 <u>2</u> 2 2	13,640		
	1601*			62,000		
	1771			14,920		
			Total	165,448 \$	SF	
*multi-use t	ype buildi	ngs.				
d.	Existing	Inadequate:	0			
e.	Existing	Adequate: 0				
f.	Other Ass	ets, Not in 3	Inventory:	0		
g.	Funded, N	lo <b>t in</b> Invent	tory: (FY-	87) 60,540	SF	

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO. 7 of 8

-

-US GOVERNMENT PRINTING OFFICE: 1979-603-076 7127 2-1

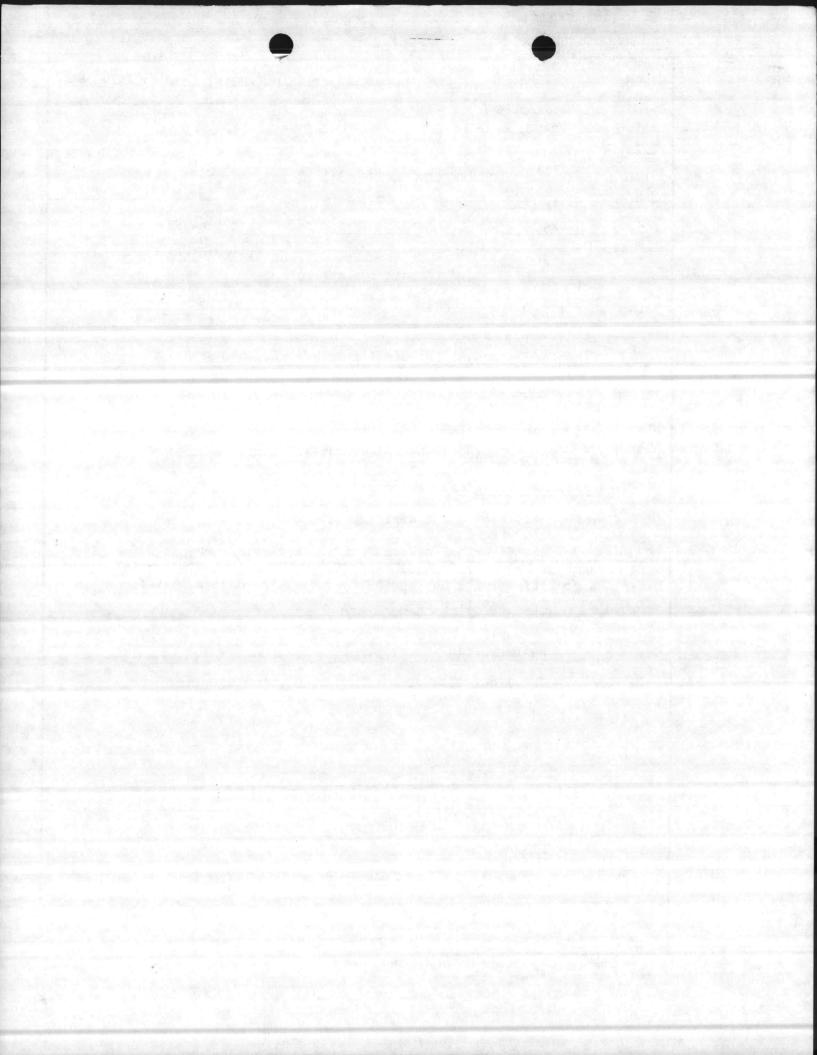


MARINE CORPS FY 19 89 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542	
FIELD MAINTENANCE COMPLEX (INCREMENT #3)	roject numbe <b>r</b> P-804
NAVFAC Dwg Description Area S	<u>SF</u>
1294490 Combat/Automotive/Track Fld 53,00 Maintenance Shop	00
1294508 Vehicle Inspection Station 7, 5 Total 60, 5	540 540 SF
h. <u>Adequate Assets</u> : $(e + f + g) = 60, 540 SF$ i. <u>Deficiency</u> : $(b - h) = 382,300$ SF	
14. Maintenance Facilities: Not applicable.	
15. Morale, Welfare and Recreation Facilities: Not application	able.
16. Relocation Facilities: Not applicable.	
17. Storage Facilities: Not applicable.	
18. <u>Hazard Identification</u> , Assessment, and Analysis. Property will be a Motor Transport School facility. The following perhazardous conditions will be considered during the design pl	otential
a. Exhaust fumes.	
b. Battery acid fumes.	
c. Gasoline/diesel fumes.	
	and the second second
전 · · · · · · · · · · · · · · · · · · ·	

-----

4

+U.S. GOVERNMENT PRINTING OFFICE 1979-603-076/7127 2-1



TTRI DEPARTMENT OF THE NA TELEPHONE NO ATLANTIC DIVISION FACILITIES ENGINEERING COMMAND 444-9670 NORFOLK, VIRGINIA 23511-6287 IN REPLY REFER TO: 09A21B3 11010 1 2 AUG 1985

From: Commander, Atlantic Division, Naval Facilities Engineering Command To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina

Subj: FY 88-89 MILITARY CONSTRUCTION (MCON) PROGRAM FOR MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA; CERTIFICATION OF

Ref: (a) MCB CAMP LEJEUNE 1tr 11000 PWO of 1 Jul 85

Encls: (1) Projected COMNAVFACENGCOM Cost Index dated 1 Oct 84

(2) Copy of Award Cost Data for CES Historical

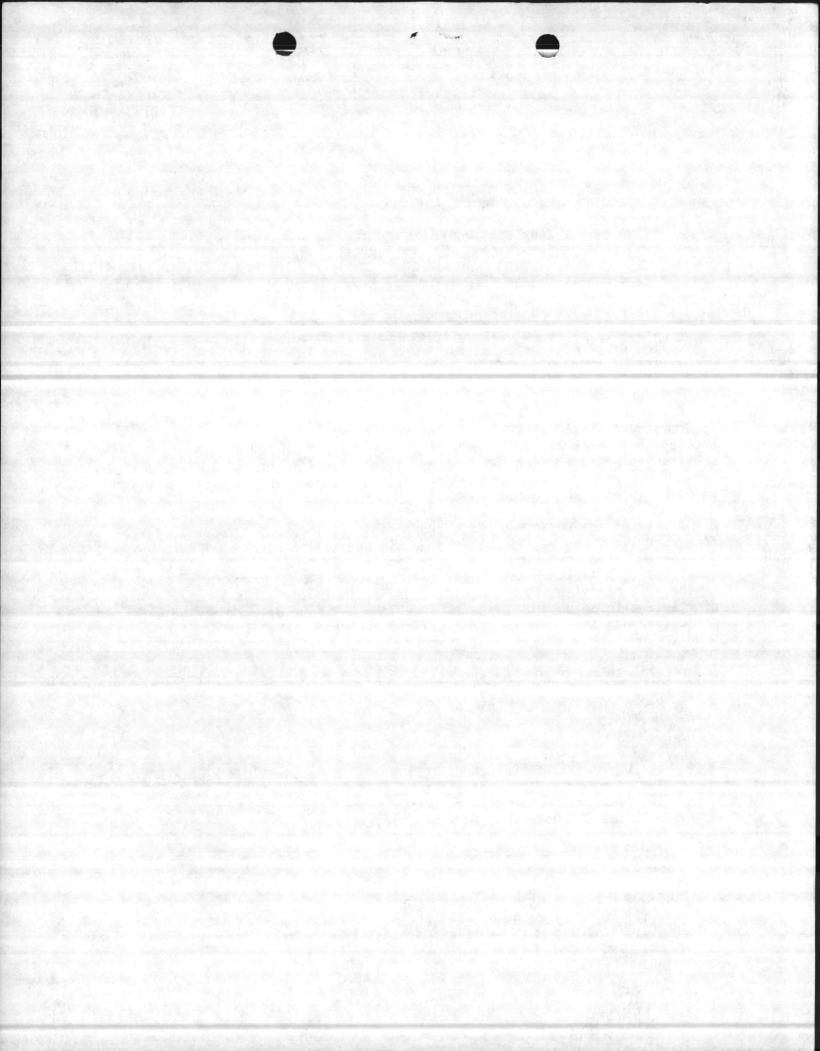
(3) Draft copy of Guide for Preparation of 1391

- (4) Draft copy of DM-10
- (5) Copy of CES Unit Price Guide (FY 87)

1. Reference (a) requested that this Command certify the cost of all projects to Commander, Naval Facilities Engineering Command. To accomplish this, back-up cost information is considered necessary. A back-up estimate must be provided for each DD Form 1391. Lump-sum entries for supporting facilities are not acceptable. High supporting facility costs with lump-sum entries unexplained will be reduced.

2. A copy of the COMNAVFACENGCOM projected cost index of October 1984 is forwarded as enclosure (1). This index is updated in October of each year. The current area cost factor for your location is 0.86 Costs should be escalated to 1 April of the fiscal year shown on the DD Form 1391. State this to the left of "item" in block nine (cost estimates.) A contingency allowance of 10% is allowed only on projects in which the scope of work may be expanded for unforeseen items during construction, such as rehabilitation or underground.

- 3. General comments for MCB CAMP LEJEUNE FY 88 MCON program follows:
  - a. P-846 MOUT Training Complex
     No questions, have made prior review.
  - b. P-626 BEQ
    - Current LANTNAVFACENGCOM policy is to budget BEQ @ 820 sq.ft./2 room module this adjusts area to 492,000 sq. ft.
    - (2) Solar hot water heating does not prove to be economical at Camp Lejeune, this work will be deleted.
  - c. P-057 Division Headquarters was FY 87 NO questions.
  - d. P-803 Field Maintenance Complex
    - Unit Price Shown is beyond all reason. Back up estimate for building must explain why cost is so high.



Subj: FY 88-89 MILITARY CONSTRUCTION (MCON) PROGRAM FOR MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA; CERTIFICATION OF

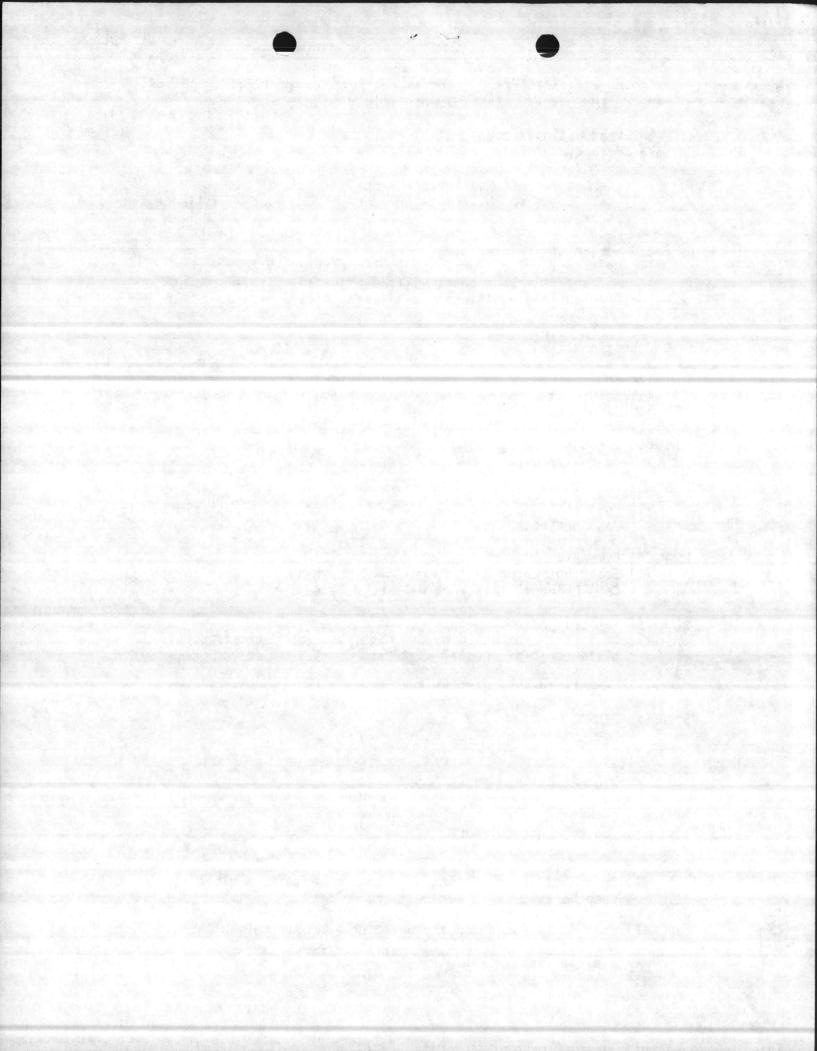
- e. P-841 Mess Hall Addition No questions.
- f. P-678 Combat Vehicle Maintenance Shop
  - Unit costs for buildings are very high. Back up estimate should show why.
- g. P-810 Mechanics Training Bldg Inc #3
  - Unit costs FT 87 for P-809 1391 certified 15 Jun, were \$57/sq. ft. Bldg costs will be adjusted to this pricing level unless additional justification is provided.
- h. P-256 Field Maintenance Shop No questions.
- i. P-124 BOQ
  - Solar hot water heating does not prove to be economical at Camp Lejeune, this work will be deleted.
- j. P-851 Electrical Dist. Imp. No questions.
- k. P-824 Chapel
  - Cost shown is excessive, it will be reduced to cost similar to past projects.
- 1. P-065 Gymnasium
  - Solar hot water heating does not prove to be economical at Camp Lejeune, this work will be deleted.
- m. P-842 Regional Automated Service Center
  - Cost shown for building are high, back up estimate should state scope of unusual features.
- 4. General comments for MCB CAMP LEJEUNE FY 89 MCON program follows:
  - a. P-529 BEQ

See comments on FY 88 BEQ, P-626

b. P-849 BOQ

See comments on FY 88 BOQ, P-124.

- c. P-804 Combat/Auto/Track Field Maintenance Shop See comments on P-803.
- d. P-679 Elec/Comm. Field Maintenance Shop
  - Solar hot water heating does not prove to economical at Camp Lejeune, this work will be deleted.
  - (2) Unit costs shown for the building are extremely high, without justification they will be reduced to those paid for similar facilities.



Subj: FY 88-89 MILITARY CONSTRUCTION (MCON) PROGRAM FOR MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA; CERTIFICATION OF

- e. P-828 Field Medical Service School
  - (1) Scope of work does not explain what is included in applied instruction space. This is needed for review of cost.
- f. P-564 Elect/Comm. Maintenance Shop
  - Price is very high. Indicate scope of unusual features including scope of 400HZ and DC power systems.
  - (2) Solar hot water systems have not proven to be economical in Camp Lejeune. This work will be deleted.

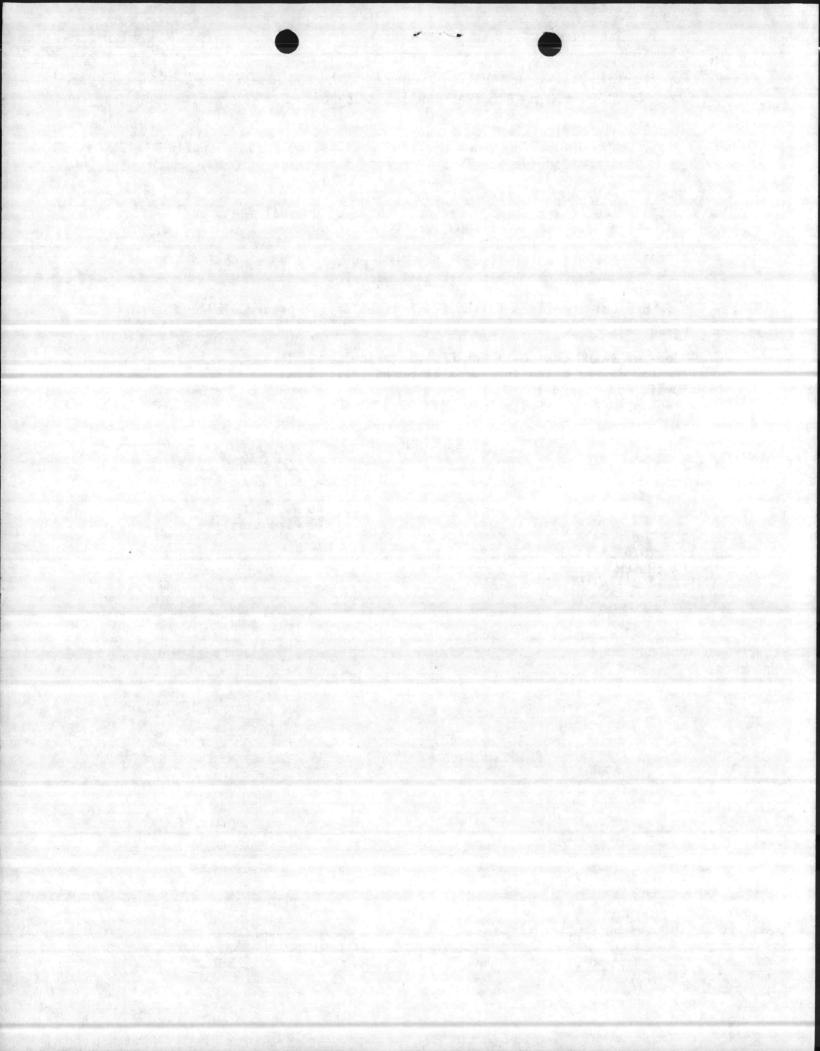
5. For future guidance, the following information is forwarded as enclosures (2) through (5):

- Copy of Award Cost Data for CES Historical.
- Draft copy of Guide for Preparation of 1391.
- Draft copy of DM-10.
- Copy of CES Unit Price Guide (FY 87.)

alrectice

Copy to: (w/o encls.) COMNAVFACENGCOM CMC (LFF-1)





MARINE CORPS FY 19_89_MILITARY CONS	TRUCTI	ON PRO	DJECT DA	TA 2. DA	ate uly 1985
B. INSTALLATION AND LOCATION		PROJECT		E /TDACK	FIFID
MARINE CORPS BASECOMBAT/AUTOMOTICAMP LEJEUNE, NORTH CAROLINA 28542MAINTENANCE SHO					
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMB			And the second second	ECT COST (\$	6000)
214-53 P-804 30,50			,500		
ESCALATED TO FY-89 9. COST	ESTIMATES	- Alexandre			
ITEM		U/M .	QUANTITY	UNIT COST	COST (\$000)
FIELD MAINTENANCE SHOP	and the state of the	SF	210,300	120.74	25,391
Building - Shop 2		SF	47,500	118.80	
Building - Shop 4		SF	52,800	118.80	
Craneway		SF	110,000	92.40	
Built-In Equipment		LS			(3,312)
SUPPORTING FACILITIES		LS			2,142
Water, Stm, Sewer, Fire Alarm/Telep	hone,	1 32.4			
Site Improvement		LS		1 - 1 - 1	(2,142)
SUBTOTAL		LS		Sugar and the	27,533
CONTINGENCY - 5%	an basan	LS		1.000	1,377
ESTIMATED CONTRACT COST		LS	Sec. 7. 20	12000	28,910
SUPERVISION, INSPECTION, & OVERHEAD -	5.5%	LS	-		1,590
TOTAL REQUEST (ROUNDED)		LS	-		30,500
INSTALLED EQUIPMENT - OTHER APPROPRIA	TIONS	-		Sector Contractor	

## 10. DESCRIPTION OF PROPOSED CONSTRUCTION

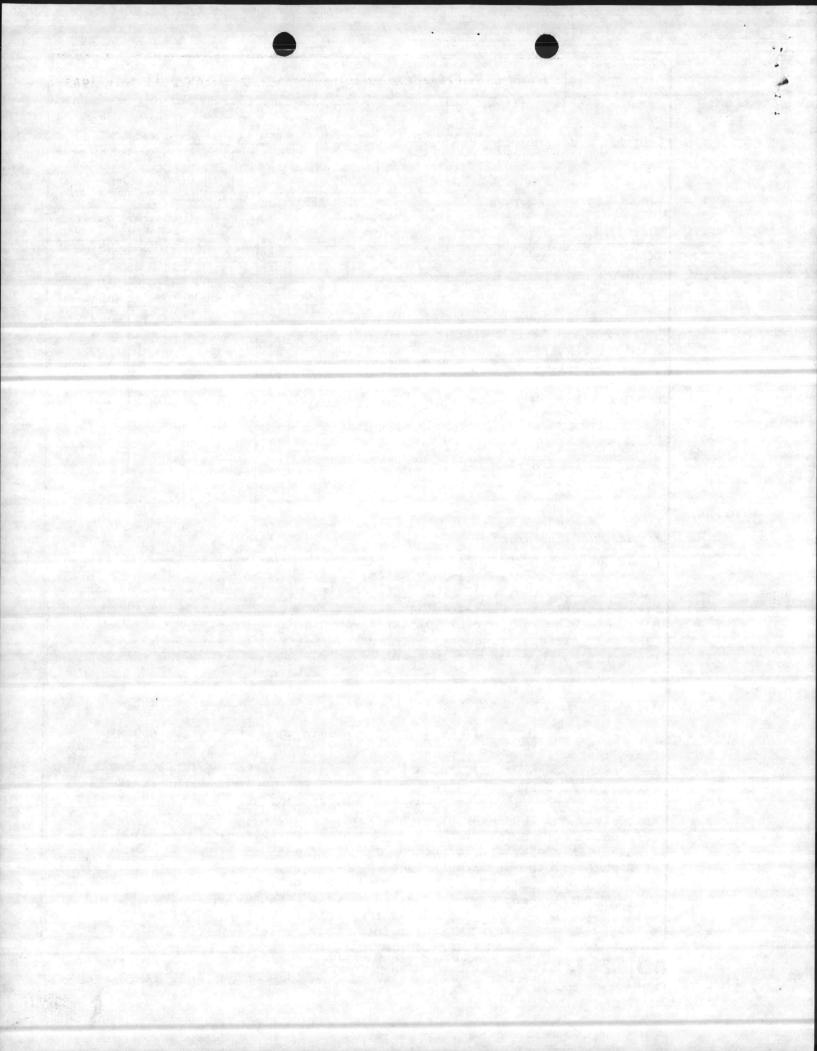
Permanent two-story shops and craneways with piles, reinforced concrete foundation, floors and masonry walls. Built-up roof over insulation and interior support systems (i.e., air conditioning, steam, compressed air, fire protection, overhead bridge cranes, engine exhaust system, lube dispensing, hydraulic vehicle lifts, vehicle paint spray booths) area lighting, exterior pavement, site work, utility connections, and paved tank trail with crossings as required. (82 Tons Air Conditioning).

11. REQUIREMENTS: 442,600 SF Adequate: 0 SF Substandard: 165,448 SF

PROJECT: Construct the third increment (210,300 SF) of a 442,600 SF Consolidated Field Maintenance Facility (3rd and 4th echelon maintenance) for 2nd Maintenance Bn., 2d FSSG to maintain and repair all East Coast Fleet Marine Force ground equipment. This includes wheel and track vehicles (tanks, light armored vehicles, trucks, etc.), ordinance repair, (artillery and tank weaponry), heavy equipment (bulldozers, cranes, etc.) and communications/electronics equipment. Facility will have paved tracked vehicle trails for access and/or egress. REQUIREMENT: The 2nd Maintenance Bn. has the requirement to perform field

maintenance for all East Coast ground equipment; this includes the 2nd Marine Division and 2d FSSG located at Camp Lejeune, NC and the 2d Marine Air Wing with elements located in three areas; Cherry Point, NC, New River, NC and Beaufort, SC. The total requirement for this facility is

DD1 DEC 76 1391



1. COMPONENT			2. DATE
MARINE CORPS	FY 19_89 MILITARY CONSTRUCTION PROJE	CT DATA	1 July 1985
3. INSTALLATION A	ND LOCATION	•	1941 - Ann
MARINE CORPS	BASE NORTH CAROLINA 28542		
4. PROJECT TITLE		5. PROJ	ECT NUMBER
COMBAT/AUTOMO	TIVE/TRACK FIELD MAINTENANCE SHOP	P-8	04

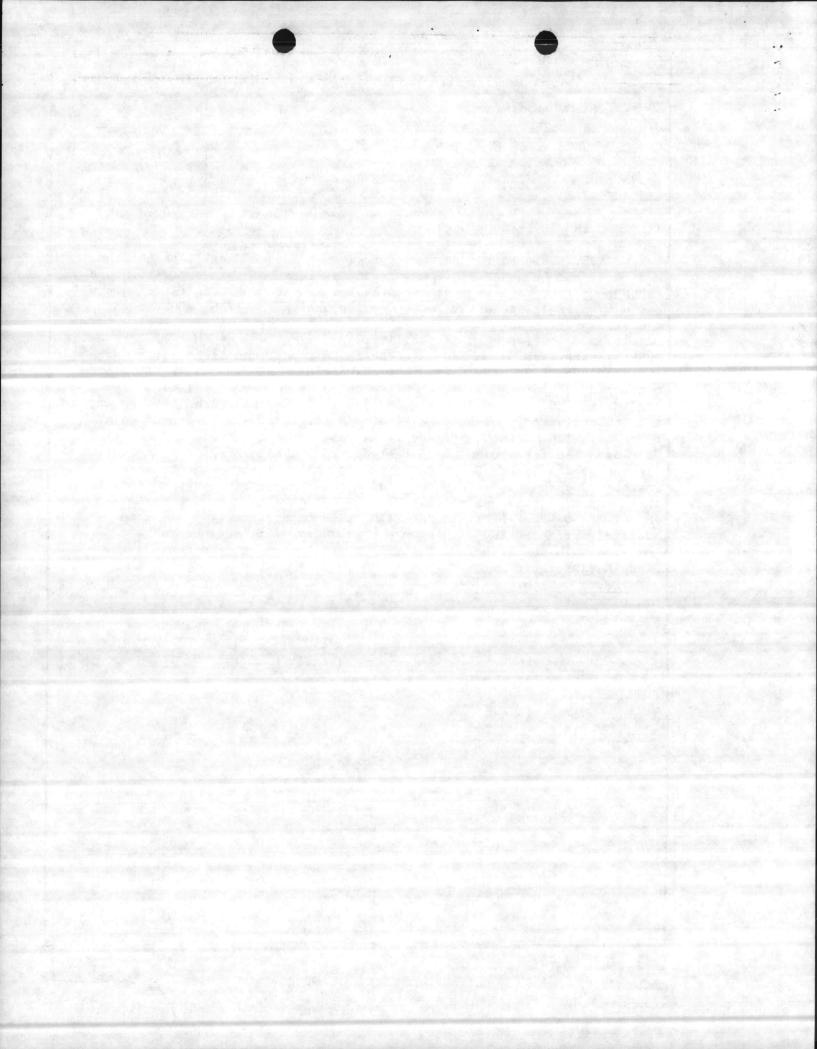
## 11. REQUIREMENTS (Continued)

442,600 SF. This third increment provides adequate facilities for the Artillery and Ordnance Field Maintenance portion of this facility. One subsequent increment will be required for tracked vehicles 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 Bn., performs field maintenance in only 165,448 SF of area in four converted warehouses, a WW-II maintenance depot, and a small metal ulter building. These facilities (Buildings 900, 901, 902, 905, 1607 and 1771) are scattered throughout the Industrial Area of Camp Lejeune. The Artillery and Ordnance maintenance is being performed at several areas within 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.

\*U.S. GOVERNMENT PRINTING OFFICE: 1979-603-076/7127 2-1



MARINE CORPS FY 19.89 MILITARY CONSTRUCTION MOJE	T DATA 1 July 198
3. INSTALLATION AND LOCATION	e station of the factor
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542	and the states
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 4. PROJECT TITLE	5. PROJECT NUMBER

## 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.

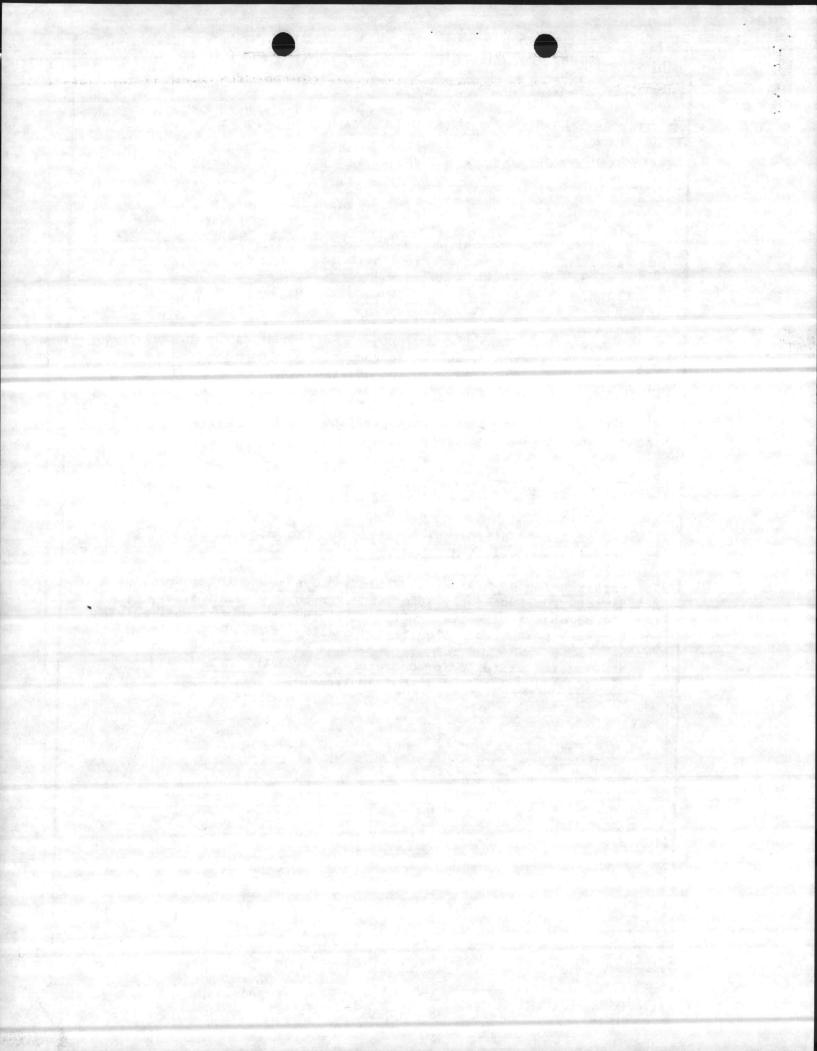
4. <u>Fallout Shelter Construction</u>: Fallout shelter protection is not incorporated in this project.

5. Design for Accessibility of Physically Handicapped Personnel: Provisions for physically handicapped personnel are not required in this project.

6. Use of Air Conditioning: Ceiling "U" factors will be made to conform with DOD 4270.1-M.

7. Preservation of Historical Sites and Structures: This project does not directly or indirectly affect a district, site, building, structure, object or setting which is listed in the National Register or otherwise possesses a significant quality of American history.

8. "New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76): Not applicable.

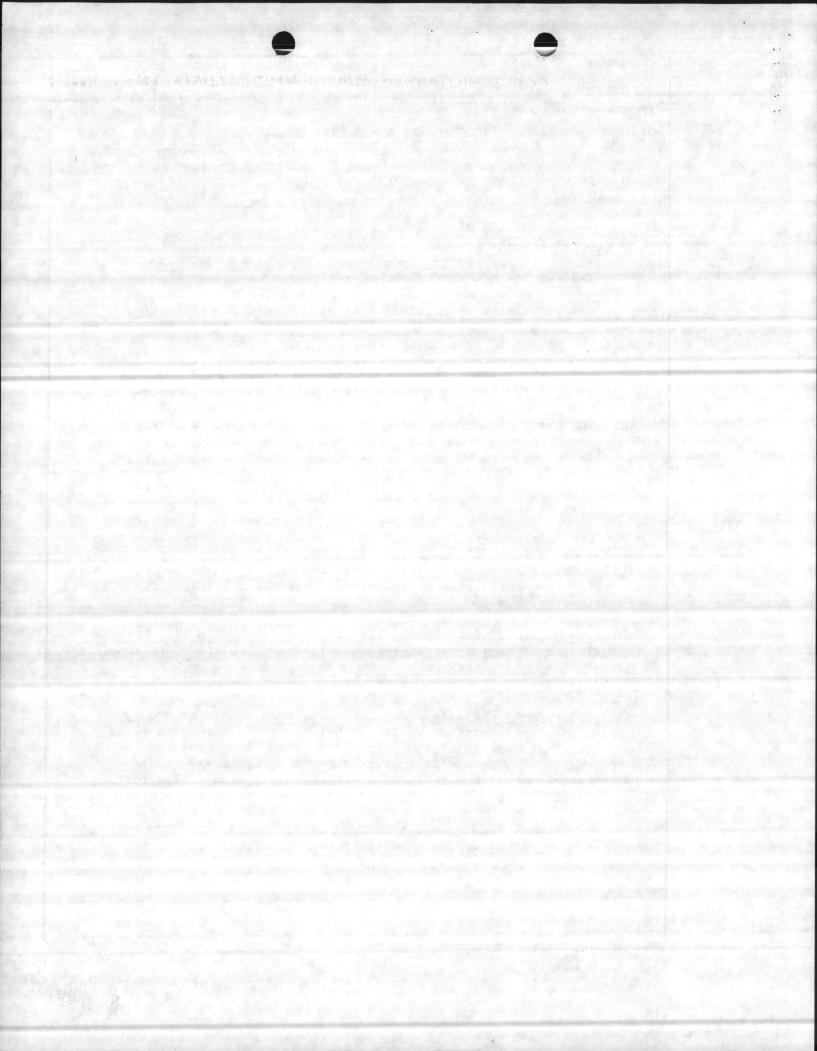


1. COMPONENT			2. DATE
MARINE CORPS	DATA	1 July 198	
3. INSTALLATION A	ND LOCATION	S Card	
MARINE CORPS	BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE		5. PROJ	ECT NUMBER
FIELD MAINTE	NANCE COMPLEX (INCREMENT #3)	P-8	04
	FACILITY STUDY		
maintenance	Shop area as Increment 3 of a total planned complex. and Planned Future Workload with Regard to		
is spent in third and fo Marine Divis Force Servic project; how	time. An average of ten hours per day for the shops. The organization is responsible urth echelon maintenance on equipment assig ion (FMF); Marine Corps Air Station (H), Ne e Support Group (REIN). The future workloa ever, it is expected to increase as the pre r and new items are introduced into the sys	for pe ned to w River d is di sent eq	rforming the 2d ; and 2d fficult to
3. Descript	ion of Proposed Organization:		
St. Aller and	ion of Proposed Organization: of Construction:		
a. <u>Type</u> Perm concrete fou interior sup	of Construction: anent two-story maintenance shop on pilings ndations, floors, masonry walls, built-up r port systems, and air conditioning. Rigid pavements, site improvements, exterior util	oof, in and fle	sulation, xible walks
a. <u>Type</u> Perm concrete fou interior sup and parking trail with c b. Repl	of Construction: anent two-story maintenance shop on pilings ndations, floors, masonry walls, built-up r port systems, and air conditioning. Rigid pavements, site improvements, exterior util	oof, in and fle ities, .es will	sulation, exible walks paved tank be tempor-
a. <u>Type</u> Perm concrete fou interior sup and parking trail with c b. <u>Repl</u> arily utiliz	of Construction: anent two-story maintenance shop on pilings ndations, floors, masonry walls, built-up r port systems, and air conditioning. Rigid pavements, site improvements, exterior util rossings. acement: Not applicable; existing faciliti	oof, in and fle ities, .es will	sulation, exible walks paved tank be tempor-

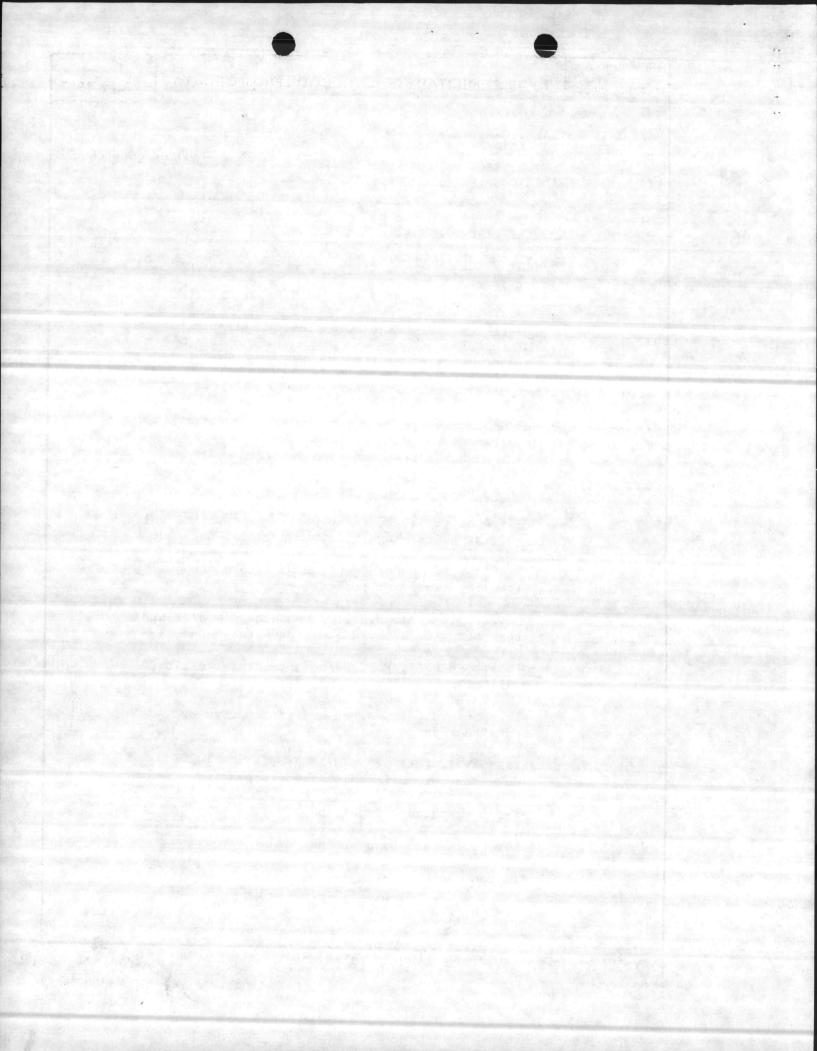
(2) <u>Energy Conservation</u>: Energy efficient equipment and building materials and orientation for maximum energy conservation will be utilized.

DD 1 DEC 76 1391C S/N 0102-LF-001-3915

S. GOVERNMENT PRINTING OFFICE: 1979-603-076, 7127 2-1



1. COMPONENT	Y 19 89 MILITARY CONSTR	UCTION PROJECT DA	TA
MARINE CORPS			1 July 198
3. INSTALLATION AND		ADOLINA 205/2	
MARINE CORPS BA	SE, CAMP LEJEUNE, NORTH C		
4. PROJECT TITLE			PROJECT NUMBER .
FIELD MAINTENAN	CE COMPLEX (INCREMENT #3)		P-804
Second Strength Strength Strength Strength	The Martin States of States		and the second
(3) <u>Col</u>	lateral Equipment:	Sector and	
(a)	Built-in MCON Funded:		
Sector Contractor		and a second	
	*Venetian blinds and wir	dow screens	
	*Air Conditioning, heati	ing, and ventilating	g system <b>s</b>
	*Interior steam system		
	*Sprinkler system		
	*Plumbing system		
	*Telephone, fire alarm,	and intercom syste	ms
	*Drinking water coolers		
	*Air hose reel, 150 PSI hose stop (ceiling, wa		
	*Elec extension cord red (ceiling, wall, or pede		P
	*Water hose reel, H.D., hose stop (ceiling, wa		
	*Lube hose reel, H.D., wall or pedestal mount		ling,
	*Exhaust system, underg construction equipment		nr.
	*Pass window, 4' wide, down shutter, w/fusibl	w/counter & "B" lab e link, if required	el roll
	*1-ton overhead bridgec	rane	
	*5-ton overhead bridgec	rane	
	*10-ton overhead bridge	crane	
	*15-ton overhead bridge	crane	
		· · · · · · · · · · · · · · · · · · ·	a and a second second second



I. COMPONENT		and the second		2. DA	ATE
MARINE CORPS FY 19_89_MILITARY C	ONSTRUCTI	ON PROJECT	DATA	1 3	July 1985
3. INSTALLATION AND LOCATION	Sec. Sape		and the second		
MARINE CORPS BASE, CAMP LEJEUNE, N	ORTH CAROL	INA 28542		i and	
4. PROJECT TITLE			5. PROJ		UMBER
FIELD MAINTENANCE COMPLEX (INCREME	ENT #3)		P-3	804	1.1.1
(3) Collateral Equipment:	(Continued	l)			
*20-ton overhead bridg	gecrane				
*75-ton overhead bridg	gecrane				
*Paint spray booths					
*Paint drying oven					
*Twin post hydraulic ]	lift, H. D.	, 40,000 11	. capac	ity	
*6, 12 & 24 volt DC Er	ngine Start	Systems			
(b) Expense Items:		Unit	Unit		Total
Description	Qty	Issue	Pric		Cost
Bench, work, stationary, 28"D, 34"H	88	LF	77.	59	\$ 6,82
Bin parts, rota, 3'D, multi-bin	3	EA	360.	00	1,080
Shelving, 12"W, w/adj Stds	6	EA	90.	00	54
Tank, cleaning, parts, portable 38'x22'x34'	2	EA	395.	00	790
Bench, work stationary 36"D, 34"H	2	EA	75.	00	15
Stand, axle	1	EA	200.	00	20
Machine, sewing, light textile	1	EA	750.	00	75
Table, layout, 16'x5', light textile	. 1	EA	200.	00	20
Table, work 16'x2', light textile	7	EA	175.	00	1,22
Machine, sewing, heavy canvas	3	EA	1,100.	00	3,30
Table, work, 16'x7' wood top	3	EA	225.	00	67
			10.		13,24

DD 1 DEC 76 1391C

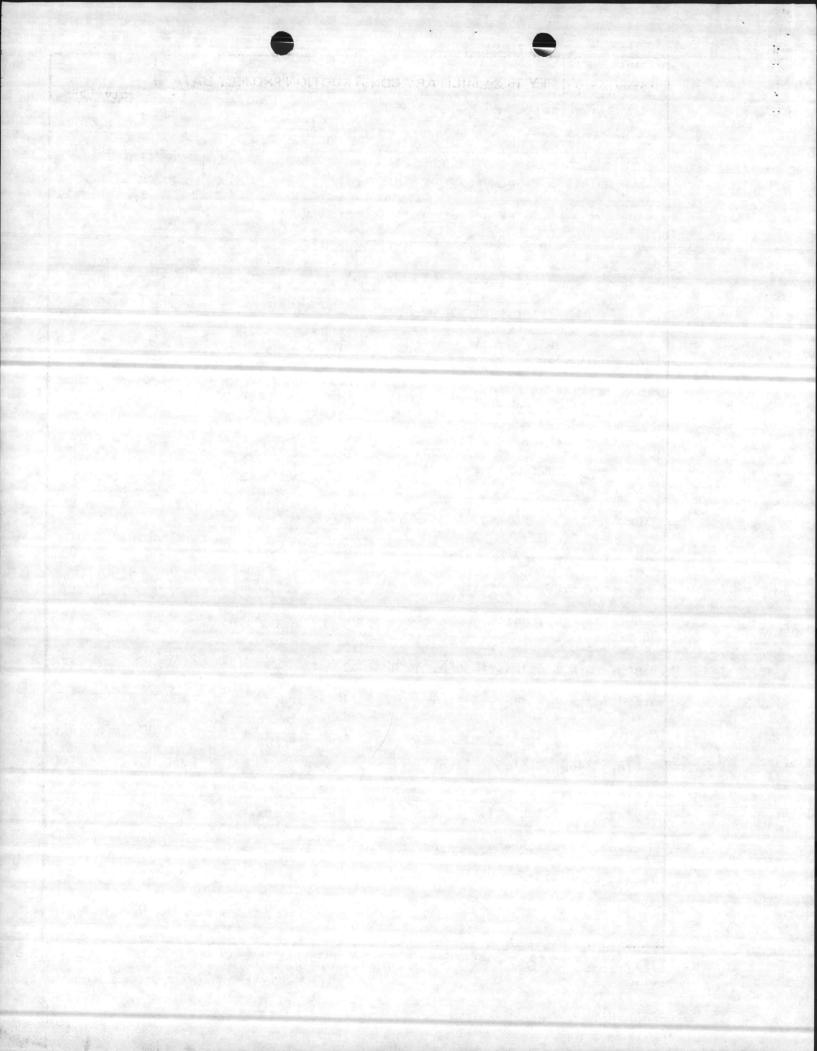
PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 3 Of 8

1

\*U.S. GOVERNMENT PRINTING OFFICE: 1979-603-076/7127 2-1

......



1. COMPONENT		ON PROJE		2. DATE
MARINE CORPS FY 19_89_WILLIARY	conormound	SITTIOUL	OTDAIN	1 July 1985
3. INSTALLATION AND LOCATION	A CONTRACTOR	a dia pala di		
MARINE CORPS BASE, CAMP LEJEUNE,	NORTH CAROLI	NA 28542		
4. PROJECT TITLE			5. PROJ	ECT NUMBER
FIELD MAINTENANCE COMPLEX (INCR	EMENT #3)		P-8	304
	a de la companya de la		1	La tradición de la construcción de La construcción de la construcción d
(b) Expense Items:	(Continued)			
(b) <u>Impende reem</u>		Unit	Unit	Total
Description	Qty	Issue	Price	Cost
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, 36"x144"x34"H	47	EA	90.00	4,230
Cleaner, ultrasonic (electronic components)	2	EA	1,000.00	2,200
Racks, store 48"Dx48"H	1	EA	125.00	. 125
Racks, store, 36"Dx24"H	3	EA	100,00	300
and the second of the second				

TOTAL EXPENSE ITEMS

37,677

- (c) INVESTMENT ITEMS None.
- (d) APA EQUIPMENT None.
- (e) TRAINING EQUIPMENT None.
  - (f) SUMMARY:

Expense Items	37,677
Investment Cost	- 1.
Training Cost	<b>-</b> 19
	10 million

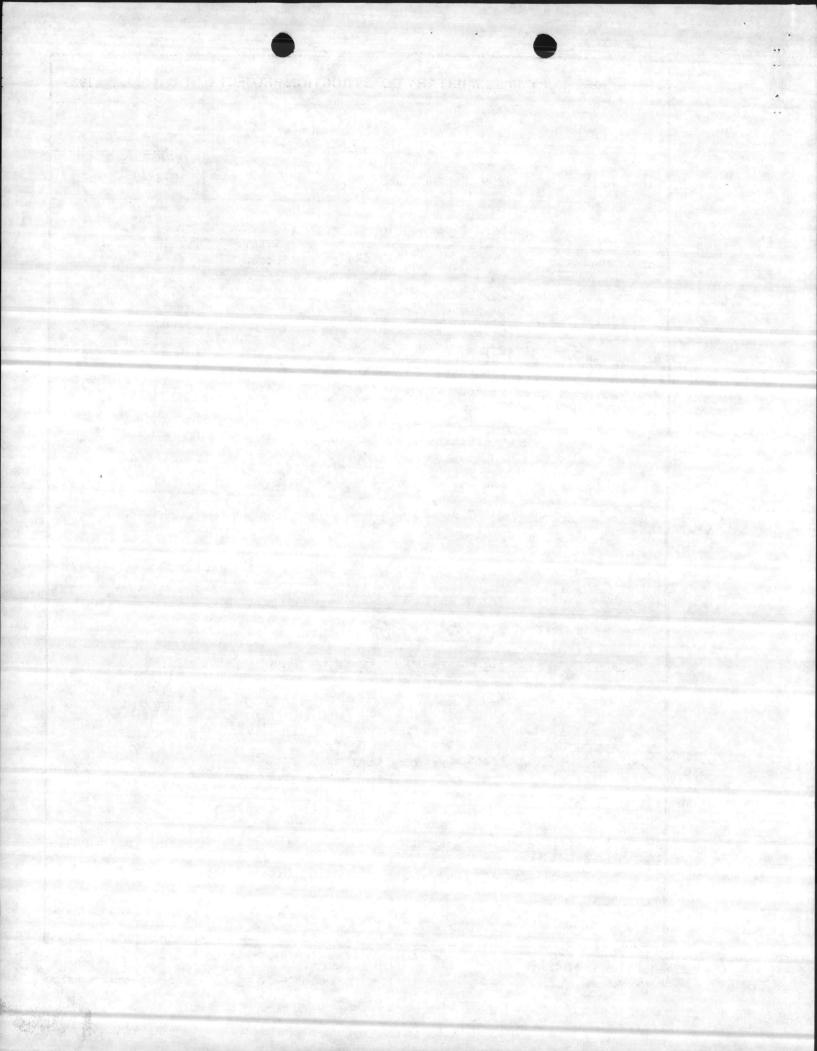
## Total Cost 37,677

(4) <u>Supporting Facilities</u>: Special piling, foundation, collateral equipment, site improvement, pollution abatement, utility connections, etc. No demolition will be accomplished on this project.

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO. 4 of 8

\*U.S. GOVERNMENT PRINTING OFFICE: 1979-603-076/7127 2-1



I. COMPONENT		2. DATE
MARINE CORPS FY 1989_MILITARY CONSTRUCTION PROJECT I	ATA	1 July 1985
3. INSTALLATION AND LOCATION		Contraction of the second
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE	5. PROJE	CT NUMBER
FIELD MAINTENANCE COMPLEX (INCREMENT #3)	P-8	304
<ul> <li>Justification for Project and for Scope of Project:</li> <li>a. Justification for Project:</li> <li>(1) Project: Proposed facilities are re</li> <li>maintenance personnel with adequate and secure facilitie</li> </ul>		
artillery and ordnance maintenance.		
그렇게 잘 들었다. 이는 것에 집에 들었던 것에 집에 있다. 그는 것은 정말 않다는 것이 집에 다 가지 않는 것이 없는 것이 없는 것이 없는 것이 없는 것이 같이 많았습니다. 이와		

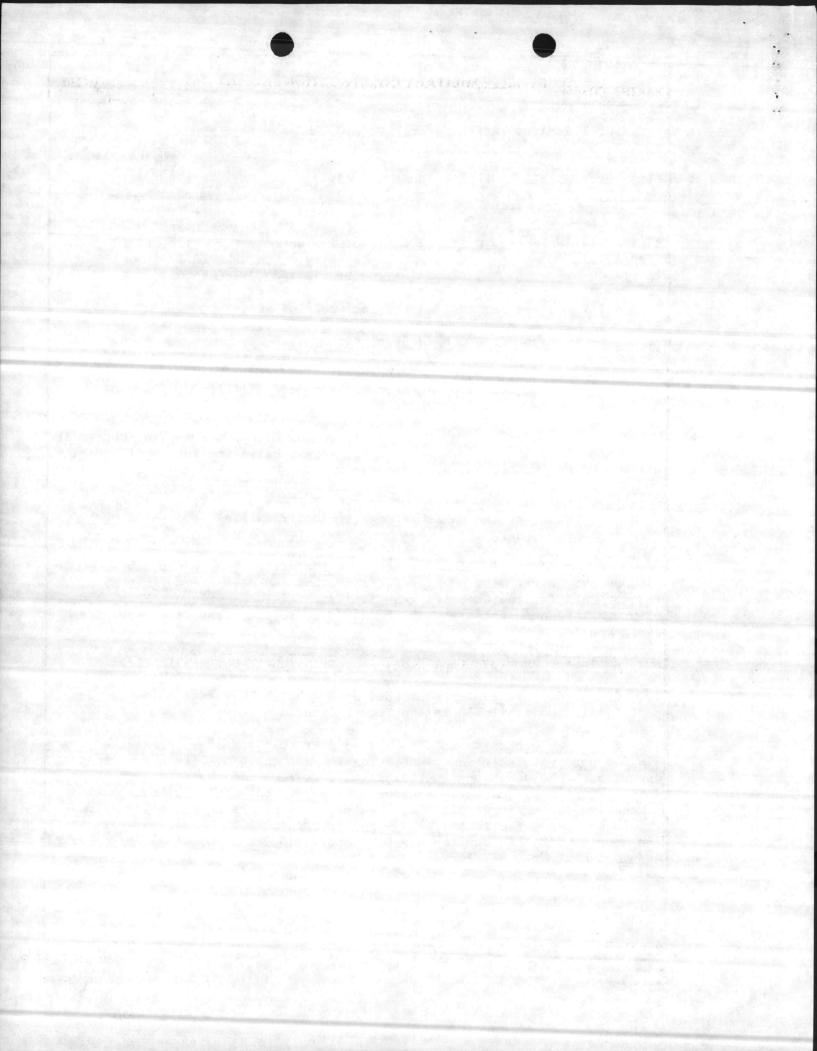
Justification for Scope of Project: The project scope, Ъ. 210,300 SF, is the minimum size facility that can meet the deficiency requirements for the Combat/Automotive/Track Field Maintenance Shop needs of the Maintenance Battalion of the 2d Force Service Support Group. See paragraph 13.

Equipment Provided from Other Appropriations: Not applicable. 6.

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

Effect on Other Resources: The project will require approximately 8. \$10,000 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.

DD 1 DEC 76 139 N 0102-LF-001-3915

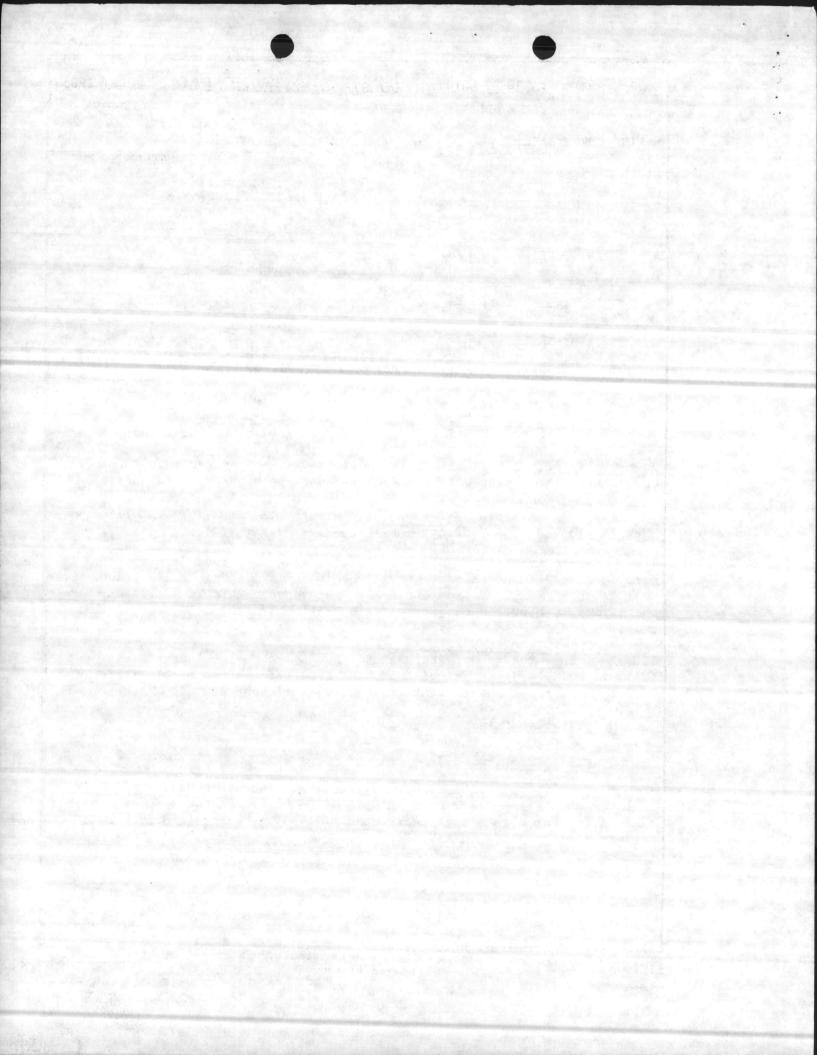


MARINE COR 4. PROJECT TIT	PS DN AND LOCATION PS BASE, CAMP	LEJEUNE, NORTH CAROLINA 28. X (INCREMENT #3)	542	1 July 198
3. INSTALLATIC MARINE COR 4. PROJECT TIT	PS BASE, CAMP 1	again a grade that the second		JECT NUMBER
. PROJECT TIT	LE	again a grade that the second		JECT NUMBER
. PROJECT TIT	LE	again a grade that the second		JECT NUMBER
		(INCREMENT #3)		
A second second			P-	-804
	W. L. S. B. S. P. Martin		Carlo and	These states and the second states and the s
		UTILITY REQUIREMENTS		
	a. Electricity	y:		
	A and a start of the	Consumption: 1,500,000		and the second state of the second state of the
		Peak Demand: 900		
	and the second second	Avg. Demand: -	KW	
	b. Steam:	and the second		
		Consumption: 2,372,500	Lbs/Yr	
		Demand: 1,500		
	c. Coal:		Tons/Yr	
	d. Adequate u	tilities will be provided b	y P-240, FY	<i>z</i> -85.
11. <u>Econo</u> veloped si savings to	omic Analysis: lte. Economic be realized f	94493 submitted as Enclosur This facility is being con savings will be in nominal rom efficient operations. upport of an operational mi	structed or energy cons This is a r	sumption nilitary
(EIA) is t	peing written a	t Assessment: An Environme nd will be processed throug onmental impact in anticipa	h the local	
13. Quant	titative Data:	a harring a subscription of the sector of		
	a. <u>Unit of Me</u>	asure: Square feet.		
	b. Total Requ	irement: 442,600 SF. The	Basic Faci	lity Require- 80 states that

DD 1 DEC 76 1391C

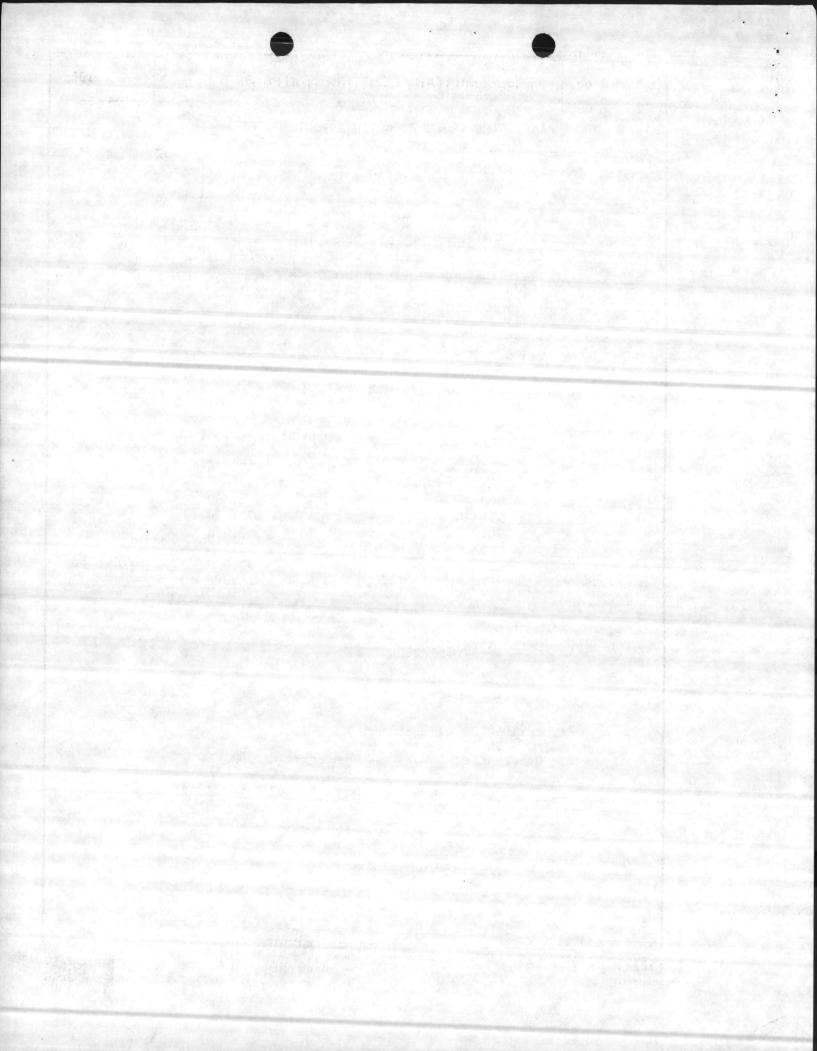
2

1



ARINE COR	PS 80		TION DOO FOT DATA	2. DATE 1 July 198
TAKINE CON	FY 19_0	_MILITARY CONSTRU	CTION PROJECT DATA	1 July 190.
	PS BASE, CAN	N 19 LEJUENE, NORTH CA	ROLINA 28542	
. PROJECT TIT	LE		5. PR	DJECT NUMBER
FIELD MAIN	TENANCE COM	PLEX (INCREMENT #3)	F	9-804
	NAVFAC DWG	DESCRIPTION		AREA SF
			Same and the second second	
	1294489	Combat/Automotive/	Track Fld Maint Shop	
	1294490			53,000
	1294491		"	47,500
	1294492		11	48,000 52,800
	1294493	Wahiala Transation		7,540
	1294508 1294444	Vehicle Inspection	ment Fld Maint Shop	13,760
	1294444	Construction Equip	ment fit Haint Shop	
			Total	442,600
*****	c. Existin	g Substandard: 165,	448 SF	
	BUILD	ING NO.	AREA SF	
	90	)*	3,600	
	90		21,224	
	90		50,064	Real for the second states of the
	.90	5*	13,640	
	160	1*	62,000	
	177	1	14,920	
		Тс	tal 165,448 SF	
*multi-use	e type buil	dings.		
	d. Existin	g Inadequate: 0		
		g Adequate: 0		
	and the second	ssets, Not in Invent	orv: 0	
	g. Funded,	Not in Inventory:	(FY-87) 60,540 SF	0.057.054

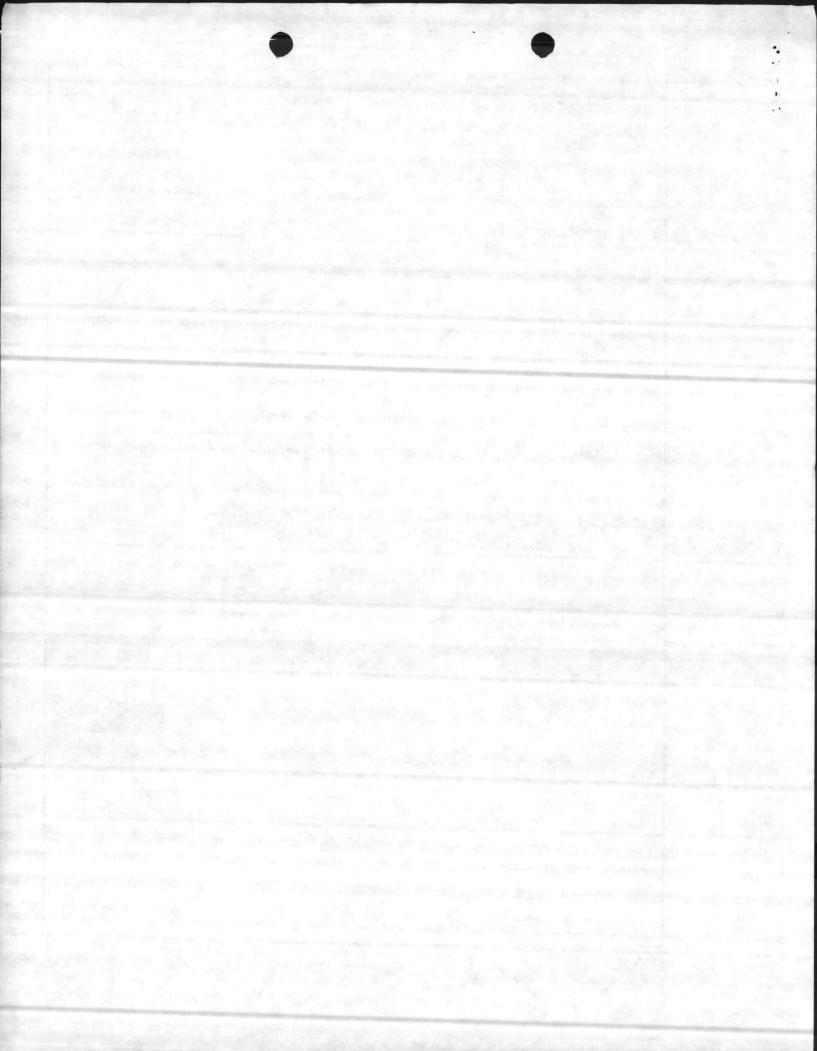
DD 1 DEC 76 1391C S/N 0102 LF-001-3915

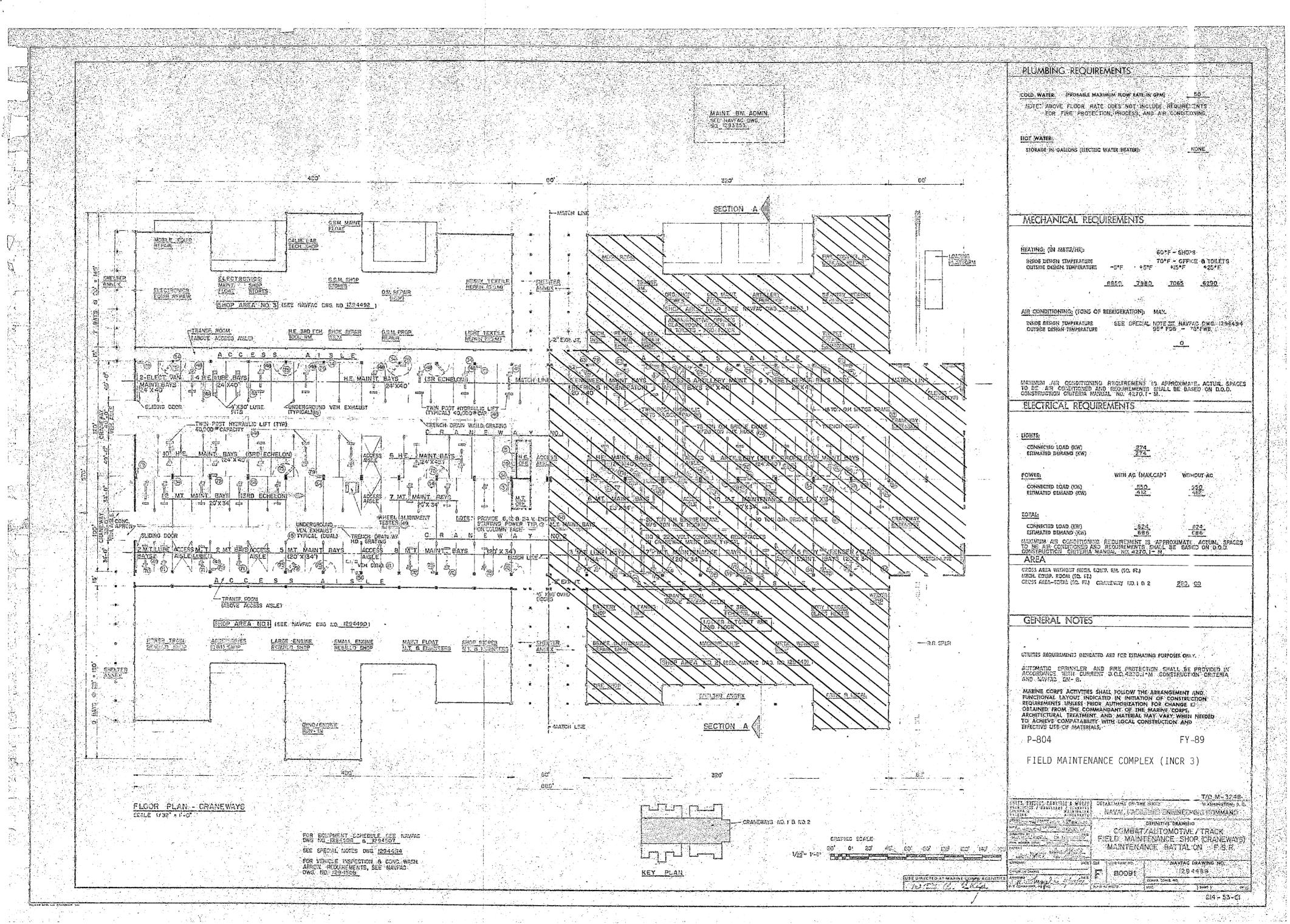


MARINE CORPS FY 19 89 MILITARY CONSTRUCTION PROJECT DATA				2. DATE 1 July 1985	
ARTNE CORPS		EJEUNE, NORTH	CAROLINA 285	42	1
MARINE CORI D	DADE, OMIT E	Lond, nonin	omrobini 200		
					ect number –804
NAV	FAC Dwg	Descript	ion .	<u>Area SF</u>	
- 1		Combat/Automot Maintenance Sh		53,000	
1	294508	Vehicle Inspec	tion Station Total	7, 540 60, 540	SF
h.	Adequate As	<u>sets</u> : (e + f	+ g) = 60, 5	40 SF	
i.	Deficiency:	(b - h) = 38	2,060 SF		
	the second states in	es: Not appli			
15. Morale,	Welfare and	Recreation Fac	ilities: Not	applicabl	е.
16. <u>Relocati</u>	on Facilitie	s: Not applic	able.		
17. Storage	Facilities:	Not applicabl	e.		
will be a Mot	or Transport	n, Assessment, School facili be considered	ty. The foll	owing pote	ential
a.	Exhaust fum	es.			
b.	Battery aci	d fumes.			
с.	Gasoline/di	esel fumes.			



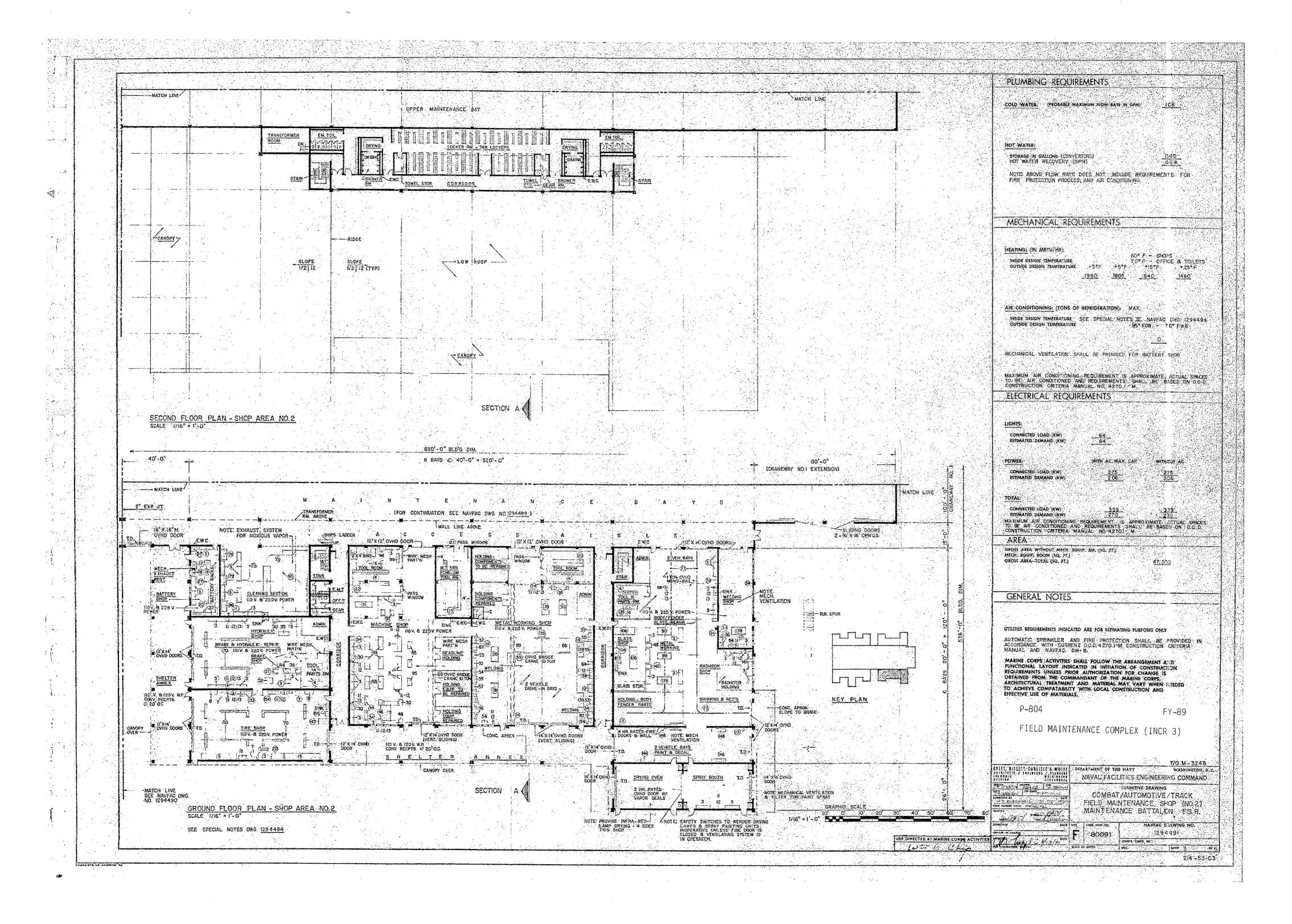
\*US. GOVERNMENT PRINTING OFFICE: 1979-603-076/7127 2-1





.

.



·

۱.

.

. . 

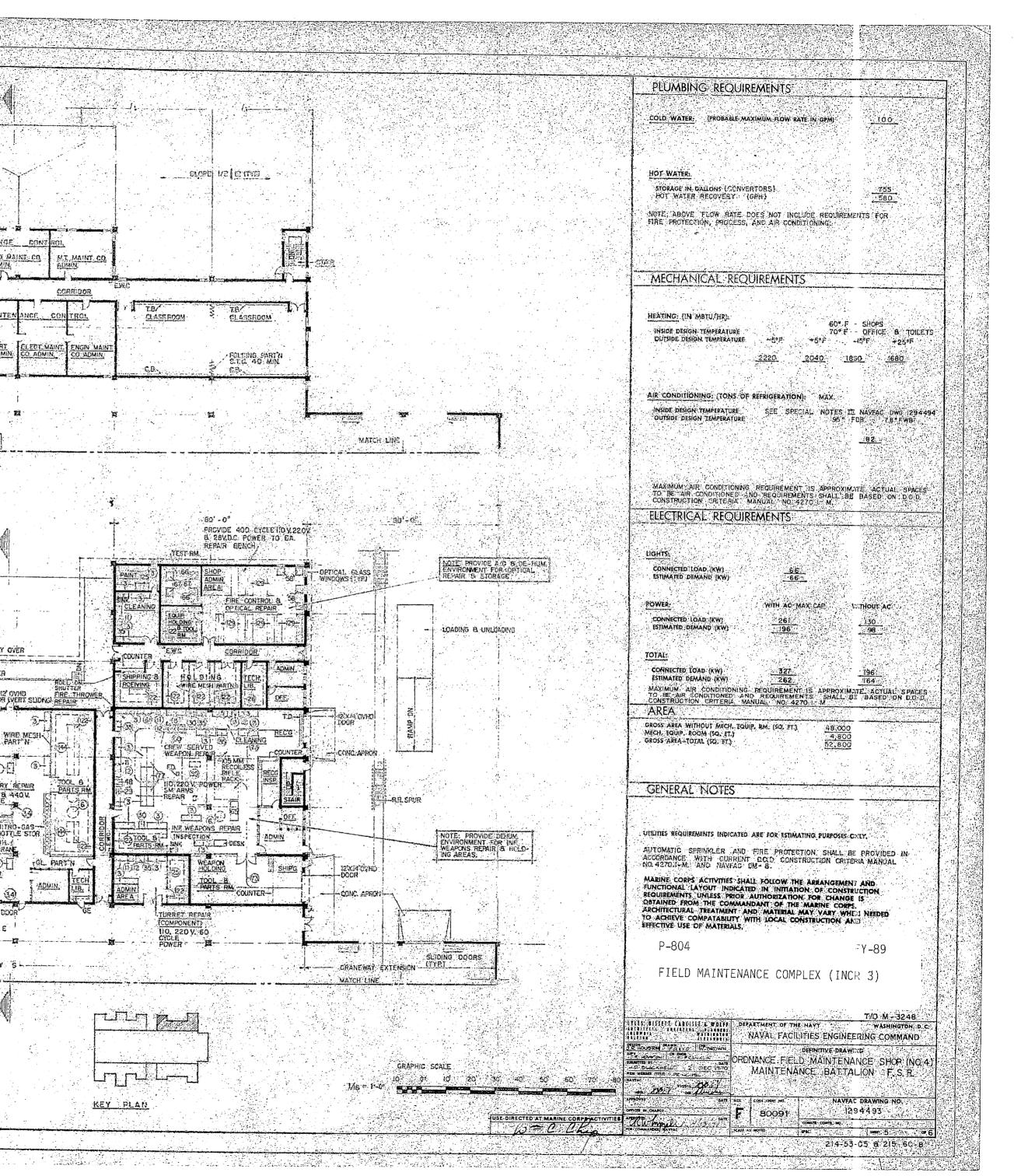
SECTION A -LOW ROOF CANOPY -WOMEN'S VENDING SHIPPING & REC'G MANTENANCE CON. STAR MAG BOX MAINT: CA M.T. MAINT CO. DMIN CORRIDOR FWC CORRIDOR T.B/ SHOWER EY UNCH MAINTE TRO! CLASS ROOM ND REP BENCH-LOCKER ROOM - 294 LOCKERS ACOUSTIG TYF) ENGIN MA D. ADMI ADMIN OFF -GL. PARTN. MOS TOWEL STOR - SHELVING TLOW ROOF ACCESS AISLE (BELOW) MATCH LINE NOTE: ALL OFFICE PASES SECOND FLOOR PLAN - SHOP AREA NO4 SCALE 1/16" . 1'-0" 440' - 0" 40.-0" 80 - 0" 150' - 0" SECTION A CONNECTION TO MAINT. BN. ADMIN. ATCH LINE SEE NAVFAG -LOUVERS -3-1-1-1 -RAILING -----CLEANIN WALK-SANOPY OVER EWE LOV & 220V WE CONV RECPTS @ 20 0 C BUMPER MECHANICAL FM. / BUMPER SHIPPING LOADING BOCK LIZ XIZ OVHD FIRE THROWER DOOR HYDRAULIC 6 LOBBY -97 (S) ·3.-TRANSE RM WIRE MESH WIRE MESH-LCOUNTER ANNEX Ε.W ADMIN HOLDING TOOL 8 PARTS 2 (Ē)∽ D CANOPY-5 AREA ARTILLERY REPAIR H3 ADM 10 220 8 440 V 69 10 TON OH ,-,6 -11 OWER OFF. )a 🚡 13 ORD. SHOP STORES (SHELVING AS REQD) GROWING AS NITRO-GAS-CONC. -3 3/44 (69: ) DIZ 63 - WIRE MESH PARTN 131 D TON DH. TECH, INSPECT (II II 2) TOFF. T. 63 ÛĘĨ 35,3 HEAVY GENERATOR HEFRIC. REPAIR +3 WEATON REPAIR BAYS TOWED ARTIL ERY -12 i ONHD OR ADMIN OMIN REA ISSUE 50 SINK 122 34 De ----I LOUIP M.B.--12'X14' OVHD 0008----24' X 14' OVHD DOOR? 28'XII'H OVHD DOOR LTD. ---- 10' X 14' OVHD DOOR -2' DB JT. ACCESS ALE 10,220 V. 60 CYCLE & 24V. D.C. WALL LINE ABOVE MANTENANCE BAYS MATCH LINE TFOR CONTINUATION SEE NAVFAC DWG. NO. 123 44893 GROUND FLOOR PLAN - SHOP AREA NO 4 SCALE 1/16" - 1'-0" SECTION A TIT NOTES. L RROVIDE 2 TEST FIRE PITS FOR SMALL ARMS TESTING, ADJACENT TO MAINT. FACILITY. 2. DRAIN ALL TRENCH DRAINS TO AN OIL SEPARATOR -T\_T-KEY PLAN 7 ------

and an and a star of the second starting

and the second state of the second second state of the second state of the second second second second second s

1.20

بريدة أوقيبة الدفقات فتفاته والمساج



· · ·

.

. 

~

.

UNITED STATES MARINE CORPS 2d Maintenance Battalion 2d Force Service Support Group (Rein) Fleet Marine Force, Atlantic Camp Lejeune, North Carolina 28542-5704

IN REPLY REFER TO:

11000 4/M/sh24 Jan 85

Zd For THIS GIVEN & T RENEW Camp L THIS GIVEN & T RENEW Camp L Camp L MEETING WITH A 45 NATABOFF MEETING BY G. NATABOFF From: Con To: Commanding Officer Commanding General, Marine Corps Base, Camp Lejeune AC/S, Fac) (Attn:

Commanding General, 2d Force Service Support Group Via: Engr Spt) (Attn:

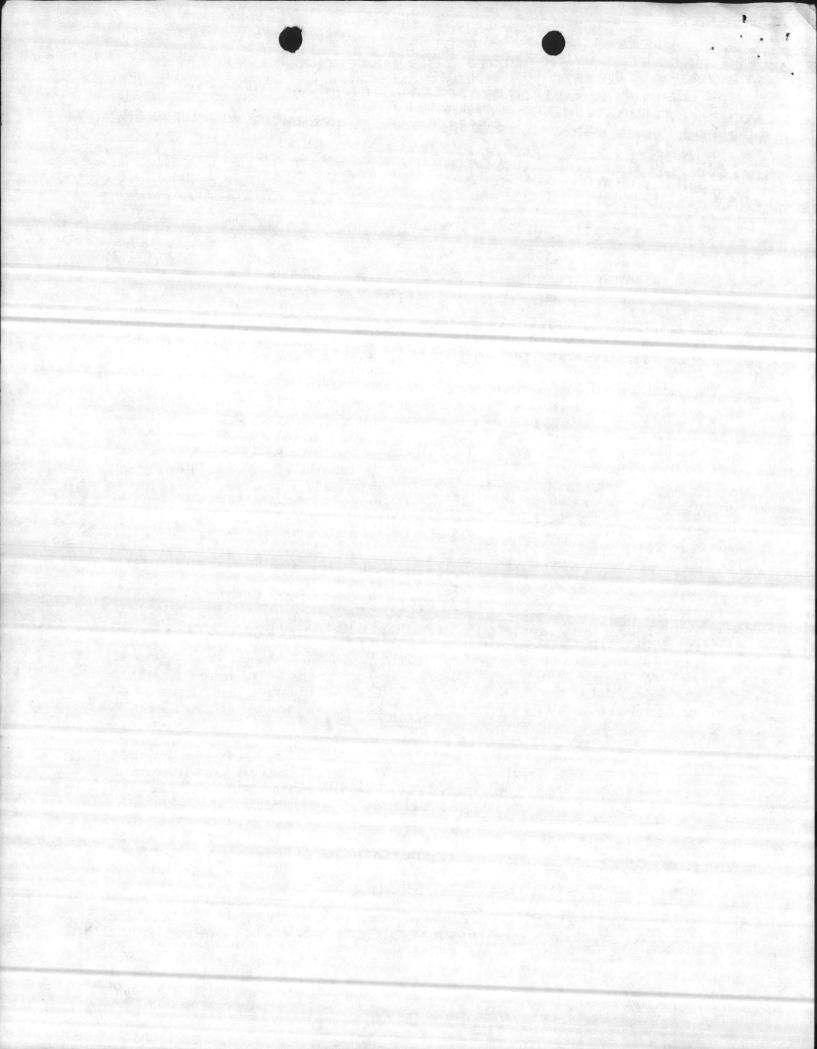
RECOMMENDED CHANGES TO PROPOSED INTERMEDIATE MAINTE-Subj: NANCE FACILITIES PREPARED BY NAVAL FACILITIES ENGI-NEERING COMMAND CODE ID NO. 80091 DTD 13MAR71

- Overlay for Supply/Armory/NBC to NAVFAC drawing Encl: (1)No. 1294466
  - Overlay for MMU to NAVFAC drawing No. 1294489 (2)
  - Overlay for ELMACO to NAVFAC drawing No. 1293356 (3)
  - ELMACO notes to NAVFAC drawing No. 1293356 (4)
  - Overlay for Engineer Maintenance Company to (5)NAVFAC drawing No. 1294492
  - (6) Overlay for General Support Maintenance Company to NAVFAC drawing No. 1294490
  - Overlay for General Support Maintenance Company (7)to NAVFAC drawing No. 1294491
  - Overlay for General Support Maintenance Company (8) to NAVFAC drawing No. 1294492
  - Overlay for Motor Transport Maintenance Company (9)to NAVFAC drawing No. 1294491
  - Overlay for Ordnance Maintenance Company to (10)NAVFAC drawing No. 1294493

field review of the planned comprehensive 1. A (IMA), all related and intermediate-maintenance shop administrative storage facilities has been conducted.

The plans that were reviewed/analyzed were prepared a. during the March 1971 time frame. The facilities were designed at a time when force-level maintenance actions and services were either provided by the Division Service Battalion or the Maintenance Battalion, Force Service Regiment. The subsequent consolidation of all intermediate-maintenance actions within the Maintenance Battalion and related Battalion reorganization necessitates certain modifications be made to better accomodate this Battalion's current operations and mission-related requirements.

The recommended changes are not believed to be more expensive than the cost estimates associated with the original



design. All changes are considered necessary in support of mission accomplishment, maintain Battalion organizational integrity, and enhance the overall performance of maintenance actions.

Battalion Headquarters. Existing plans (No related 2. documentation) for the Headquarters show the headquarters element of this Command would occupy one wing of the Force Troops complex similar to NAVFAC drawing No. 4010106 and planned to be located in the vicinity of FC-566. The apparent justification for the location of the Battalion Headquarters in this specific area was that command and control elements of the Battalion should be collocated with personnel living While it is true several personnel assigned are spaces. billeted at FC-550, 555, and 560, the vast majority of this population are readily available at their assigned work spaces, on a day-to-day basis. A previous attempt to locate all company headquarters at FC-550, FC-555, and FC-560 proved to be ineffective because administrative activities were ultimately performed at the workspace. As a result, headquarters had to be relocated where maintenance actions are performed to provide better administrative services to lessen the amount of wasted man-hours due to and It therefore strongly is time-distance considerations. recommended that the Battalion Headquarters be relocated within the planned field maintenance shop (NAVFAC drawing No. 1294489). The facility was planned with second decks over shop areas #2 and #4. Shop area #3 has the capability of accomodating a second deck identical to shop area #4. This added space would provide the Battalion with enough spaces to accomodate the entire administrative functions of the Battalion Headquarters to include Headquarters and Service Company Headquarters. To justify the additional expenses for the construction of the second floor of shop area #3, the wing presently planned as Force Troops complex for Battalion Headquarters, similar to NAVFAC drawing No. 4010106, should be deleted in total and the funds and spaces transferred accordingly.

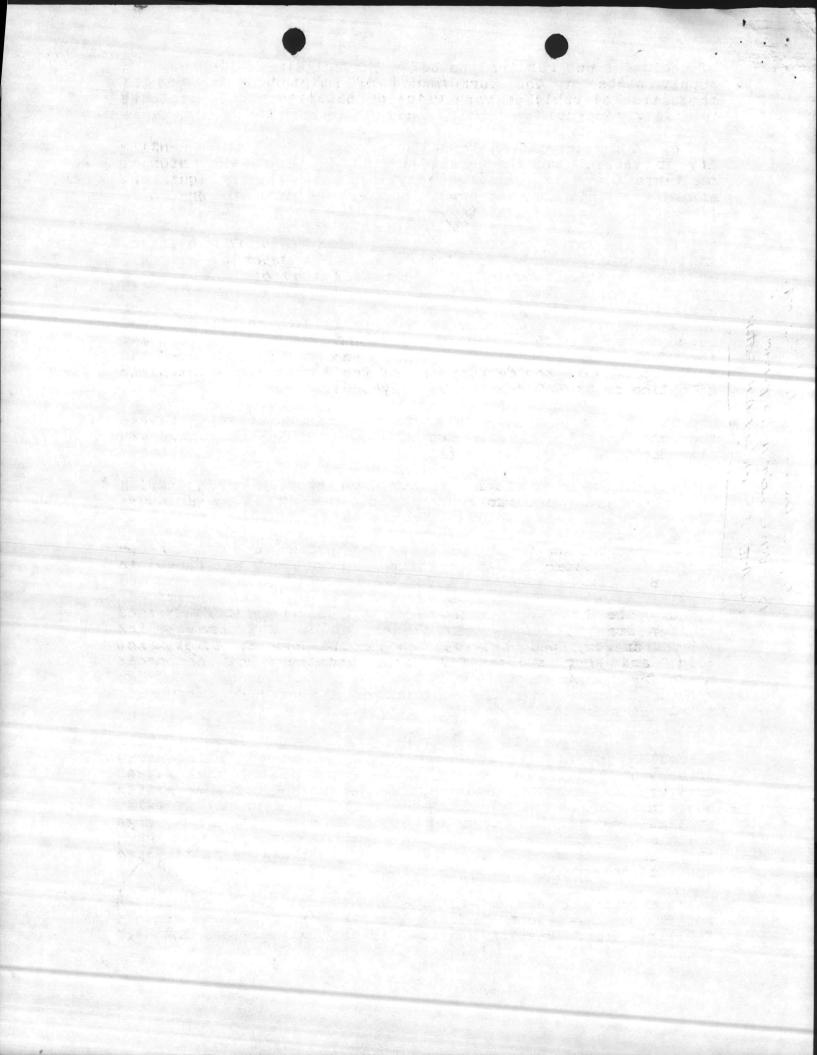
## 3. General Areas of the IMA Facility

As per C.G. NCB, BN HQ FOR ZUNAint BN WILL ROMAN AS PLANNED, DO NOT LOCATE AT FIELD MANT SADD.

> a. The possibility of designing certain in-shop, work spaces in the modular, not permanently attached format would offer additional flexibility to personnel using the spaces. Changes in mission and equipment often require either additional or reconfigured spaces which would be more readily available with this type of semi-permanent structure. In building, relocatable, modular office-type spaces are therefore recommended for all tool/publications/maintenance control/cleanrooms.

> b. General access to specific facilities/shop spaces must be reviewed to accomodate traffic from a tracked vehicle trail to the inspection station, to the Ordnance and Engineer sections of the IMA buildings, to a fenced-in lot for storage

> > 2



of equipment not required to be in the building while awaiting supply parts or the performance of maintenance. Some of these tracked vehicles mass weigh up to sixty tons. Concrete roadways/unimproved ground trails will be required.

A three-section, fenced security area in close proximс. ity to the IMA should be identified to permit the storage of large Ordnance, Motor Transport, and Engineer equipment awaiting maintenance actions, as well as organic equipment storage.

d. The identification of parking plans for official visitors and POV's of Marines (about 900) reporting to work is also essential to the optimum management of traffic flow

The NBC section of the Battalion, not identified

is also essential and safety.
4. <u>Headquarters and Service Company</u>. In its function of support to the IMA, Headquarters and Service Company has the following requirements which should be addressed in conjunction with the development of facilities for Maintenance Battalion on NAVFAC drawing No. 1294466:

a. Spaces identified for the Battalion Armory on NAVFAC drawing No. 1294466 are not considered adequate. Changes are addressed in enclosure (1).
b. The NBC section of the Battalion, not identified in any drawing, requires spaces arranged as shown in enclosure (1).
c. Battalion Supply on NAVFAC drawing No. 1294466 requires all other remaining spaces, arranged as shown in enclosure (1).
d. The MMU which supports the IMA was not identified on any drawing. The area identified in shop area #1 of NAVFAC drawing No. 1294489, enclosure (2), as maintenance and shop stores for Motor Transport and Engineer for the MMU. The inclusion of offic spaces (modular) and the addition of a second deck approximately 7 feet high, without increasing the height of the ceiling, is recommended.

AUBTHOR ALS SIND

RE

is isede will Rand 7 ((oth maeine) After 7 Complete )

SEA SI

Spers

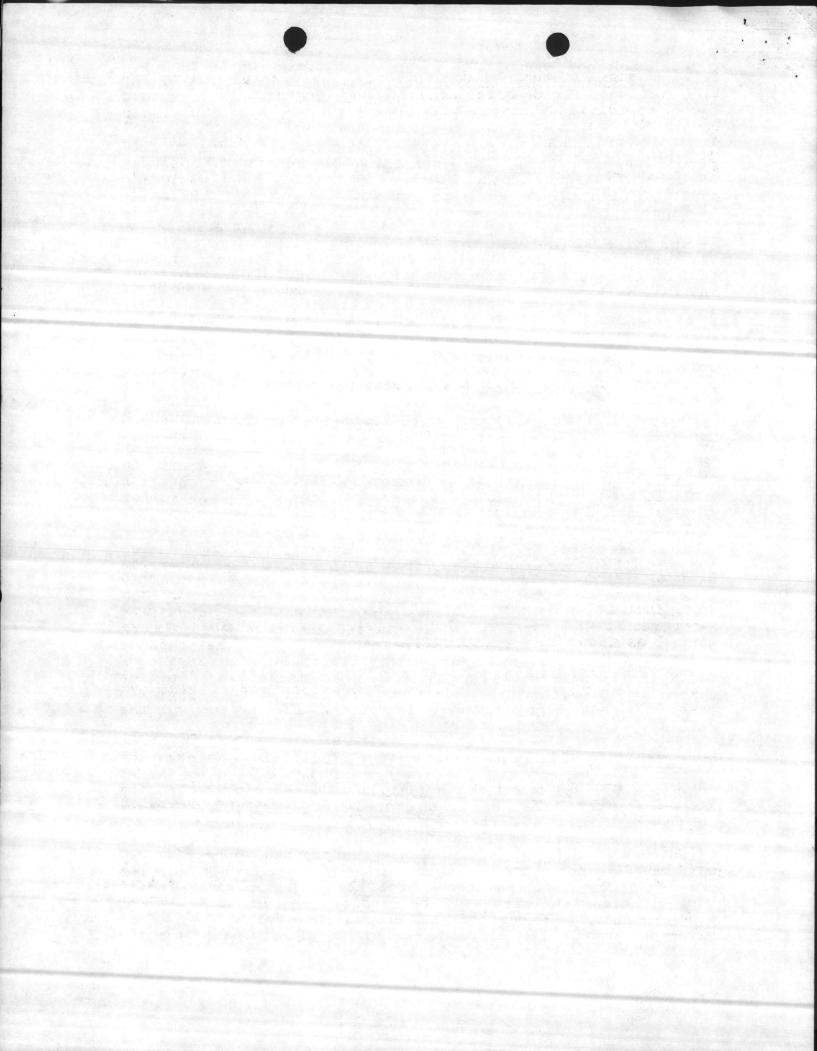
BUDG, 1771, AL AUSTIN

2

HIS

ELMACO. All requirements for Electronics Maintenance 5. Company will be met with the field maintenance shop on NAVFAC drawing No. 1293356 and the organic communications electronics shop presently being built on Sneeds Ferry Road. However, in order to make a better use of the spaces, the two wings of the first building mentioned should, be modified as shown in enclosures (3) and (4). One wing is planned to be equipped There is no requirement for the with a five-ton crane. small crane to have a thirteen foot clearance. Only Both communications vehicles will be repaired in this area. wings should be modified to accomodate two decks and a five-ton crane with a maximum height of approximately 10 feet.

3



6. Engineer Maintenance Company. In the present configuration of the field maintenance shop, engineer maintenance spaces are divided between shop area #4, where heavy generator repair and refrigeration repair shops would be located and shop area #1, where "shop stores" have been located. To increase efficiency, it is recommended that Engineer Maintenance Company work areas be moved to shop area #3. The spaces required and other requirements are outlined in enclosures (2) and (5). The requirement for the crane that was identified in the heavy generator repair shop still remains valid in the new area assigned.

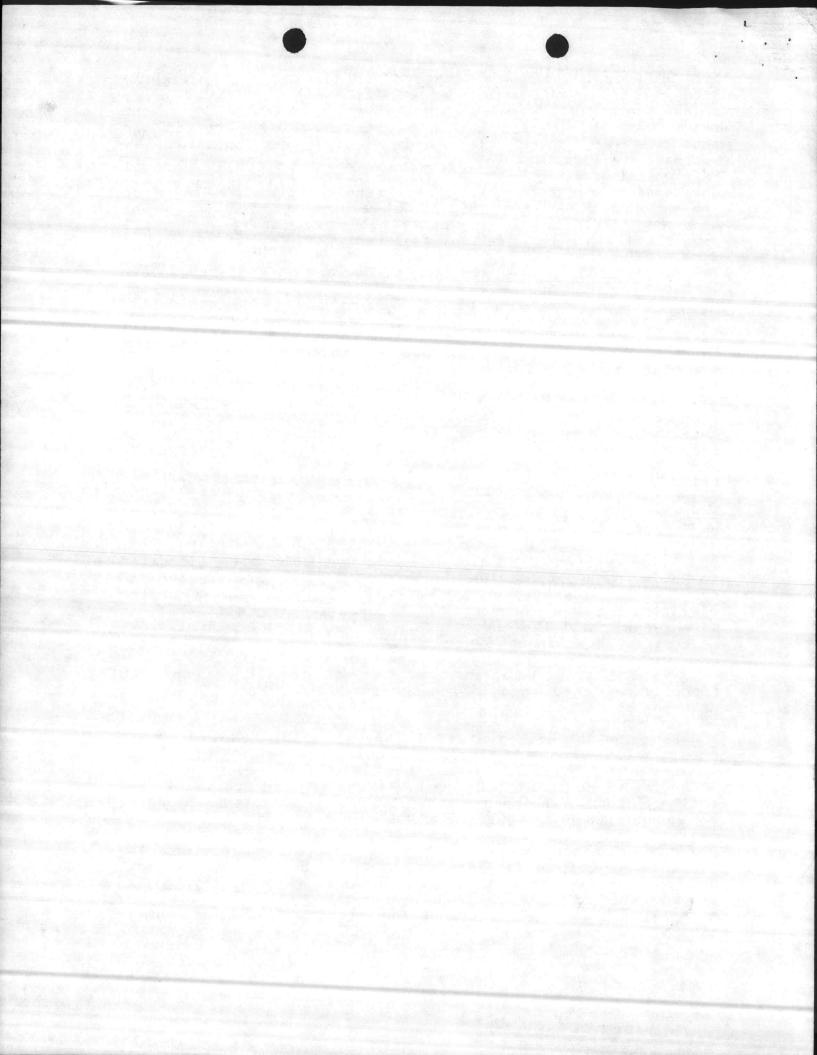
General Support Maintenance Company. Facilities 7. are located in shop ares #1, 2, and 3. Shop #1 (NAVFAC drawing No. 1294490) remains unchanged, as shown in enclosure (b). It is recommended that shop area #2 (NAVFAC drawing No. 1294491) be reconfigured to accomodate the machine shop in the areas presently marked as battery racks and the draining section. The metal welding area should be relocated to the area identified at the tire shop, as shown in enclosure . The relocation of the preceding 2 shops is requested because this would (1) move the areas of General Support Maintenance Company closer to the other areas of General Support Maintenance Company and (2), consolidate Motor Transport Maintenance Company areas which are also located in shop #2. Shop area #3 (NAVFAC drawing No. 1294492) remains essentially the same except as shown in enclosure (8). Minor changes are required to accomodate relocation modular-type administrative spaces.

8. Motor Transport Maintenance Company. The area allocated to Motor Transport Maintenance Company in shop area #3 (NAVFAC drawing No. 1294491) remain essentially the same with the exception of the exchange of areas already mentioned in paragraph 7, and the installation of requested administrative spaces, as shown in enclosure (9).

a. The tire shop, not required in the IMA, should be reconfigured into organic storage spaces for Motor Transport Maintenance Company.

b. The inspection station (NAVFAC drawing No. 1294508) does not require any internal modifications. However, in support of that facility and the IMA, the provision of an adequate amount of wash racks (for tracked vehicles and rolling stock) equipped with plant account steam cleaning equipment should be built into the existing design.

c. In close proximity to the inspection station, the construction of a facility that would be used as an oil and hazardous material collection area is strongly recommended. Central control of these environmentally dangerous materials is strongly recommended for sound management practices.



9. Ordnance Maintenance Company. Essentially located in shop area #4 (NAVFAC drawing No. 1294493), Ordnance Maintenance Company requires the same spaces with the following recommended changes:

a. The fire control and optical repair shop should be constructed using the maximum amount of optical ground glass, as shown in enclosure (10). Natural light is considered best for optical adjustments.

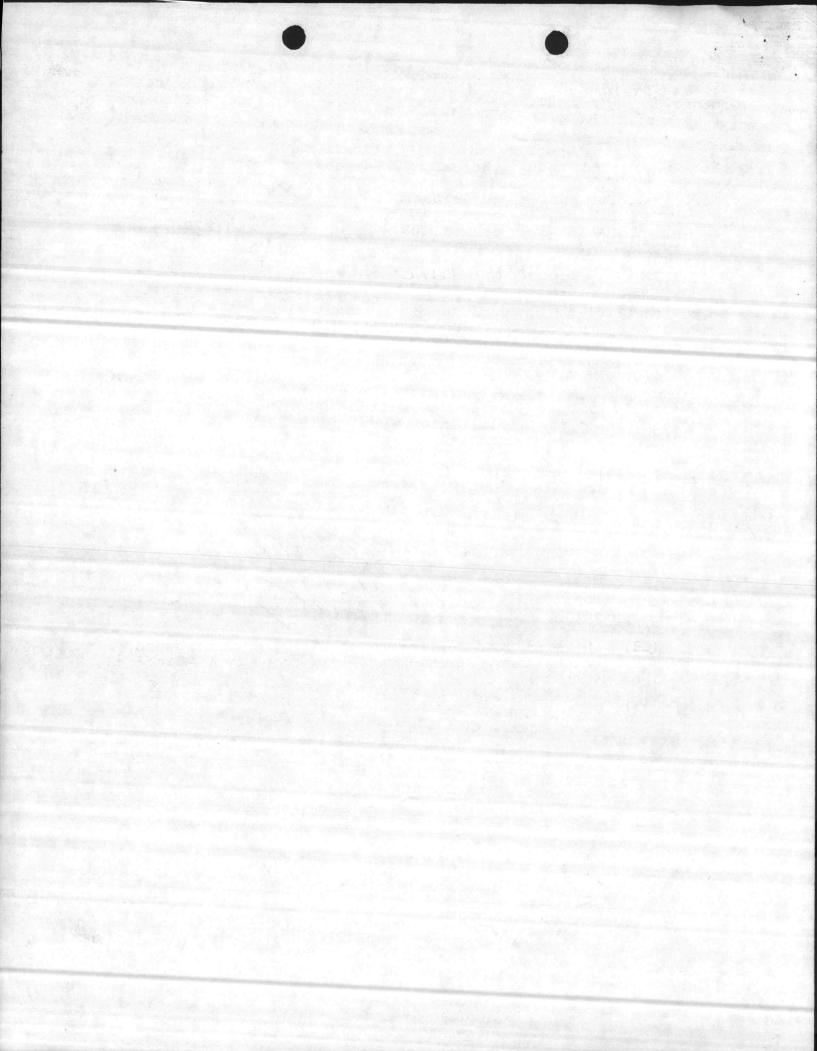
b. A LASER work area which should comply with current safety regulations is also recommended as shown in enclosure (10). We AP A R P A R

c. In the IW Repair area, the installation of separate head facilities is considered a requirement for optimum security by reducing traffic flow from the shops during working hours and after working hours for guards assigned to the IW Repair section.

10. It should be noted facilities have not been specifically identified for use by the Operational Readiness Float. In addition specific identification of male and female head facilities has not been made.

11. If additional information should be required, please contact First Lieutenant Nazaroff, Logistics Officer, Ext. 3989/5222.

Copy to: S-4, 2dMaintBn



## ELMACO FACILITY

NAVFAC DRAWING NO. 1293356

- Notes:
- : (1) Passageways and corridors 6' wide.
  - (2) CRYPTO repair and storage, tempest and security requirements with Class V door.
  - (3) Class III missile component storage area strong room security in accordance with SECNAVINST 5230.13.
  - (4) Electronics Maintenance, calibration, missile repair and micr/min require A/C and dehumidification.
  - (5) Shop office in Electronics Maintenance and calibration inner walls all glass above 40".
  - (6) Micro/min repair shilded, and entry air lock static discharge and dust retardant deck.
  - (7) Vehicle bay monorail overhead hoist to run length wise to bay.
  - (8) No. 400 Hz power required, if needed will use organic inverters.
  - (9) Outside power requirements: 30/5 wire wye w earth ground on 5th Pin of connector, as follows:

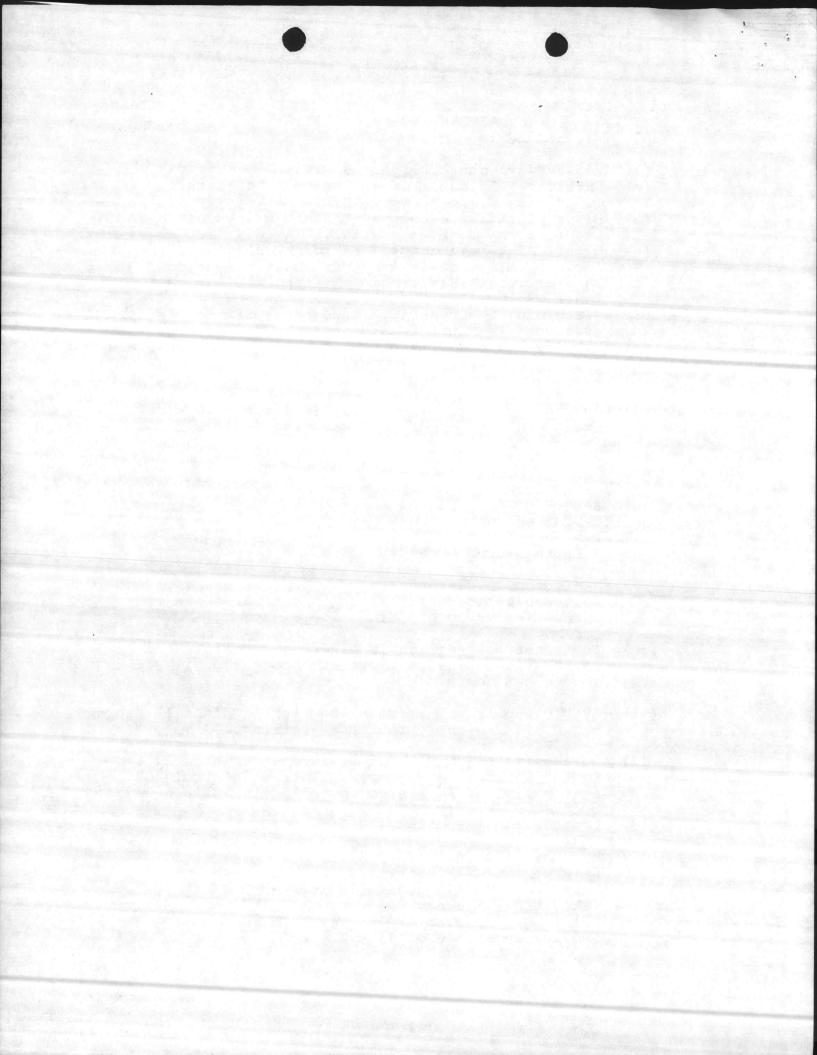
Pin

A-OA Black B-OB Red C-OC Blue D-N White E-Earth Ground Green

Minimum of 6 disconnects with two outlets each and 10 foot cable troughs provided in shelter annex runing perpendicular to building.

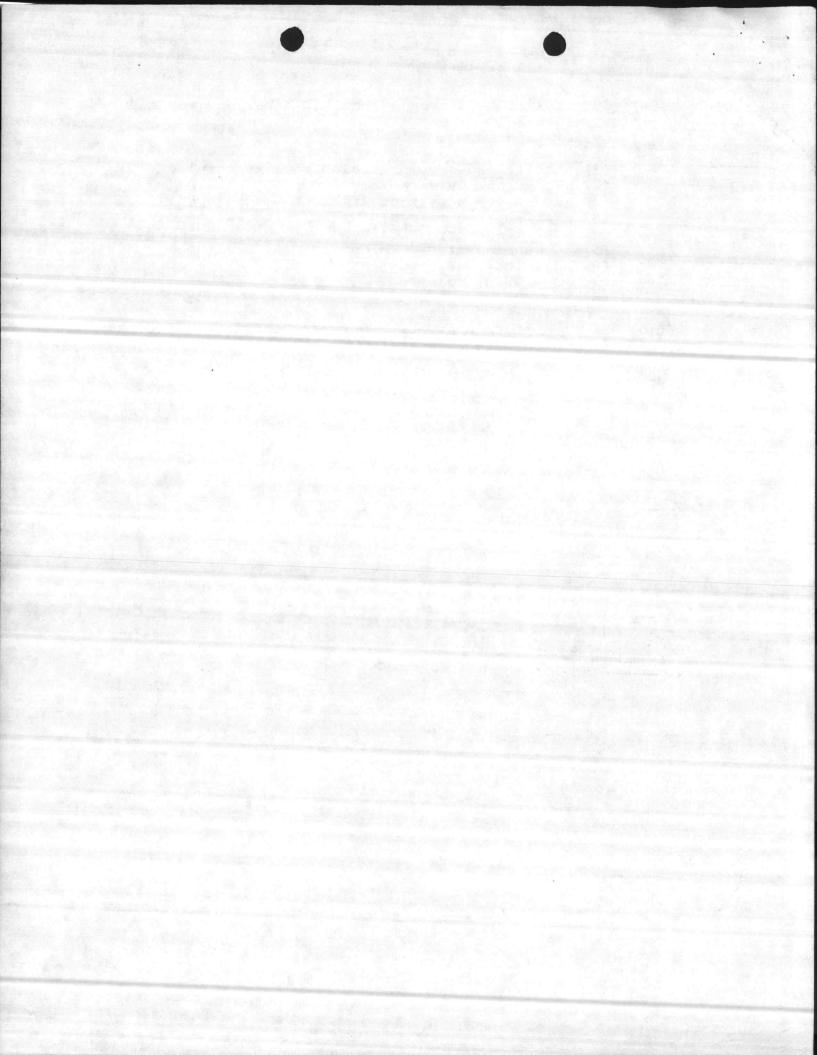
- (10) 10' suspended ceiling in electronics maintenance, calibration, missile micro/min shops and all office spaces and heads.
- (11) CRYPTO repair and storage and missile class IV storage areas require entry resistant ceilings.
- (12) Do not install water deluge fire suspension system in the entire Company area. Install central CO2 system similar to system installed in building 1771.
- (13) Compressed air outlets as follows:

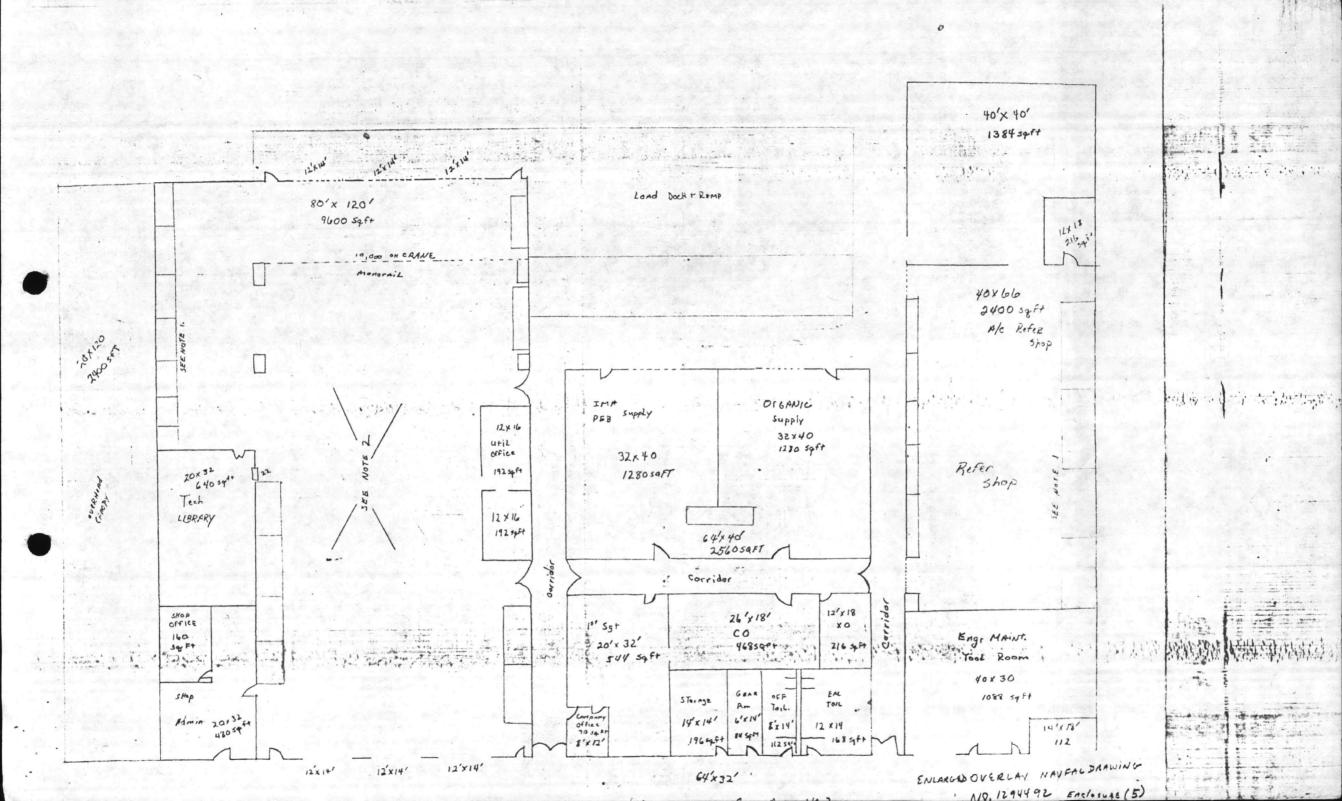
M-T Bay: One (1) every 15' CRYPTO: One (1) centrally located Missile: One (1) centrally located C&E: One (1) every 20' Cal: One (1) every 20' Shelter Annex: One (1) every 30'

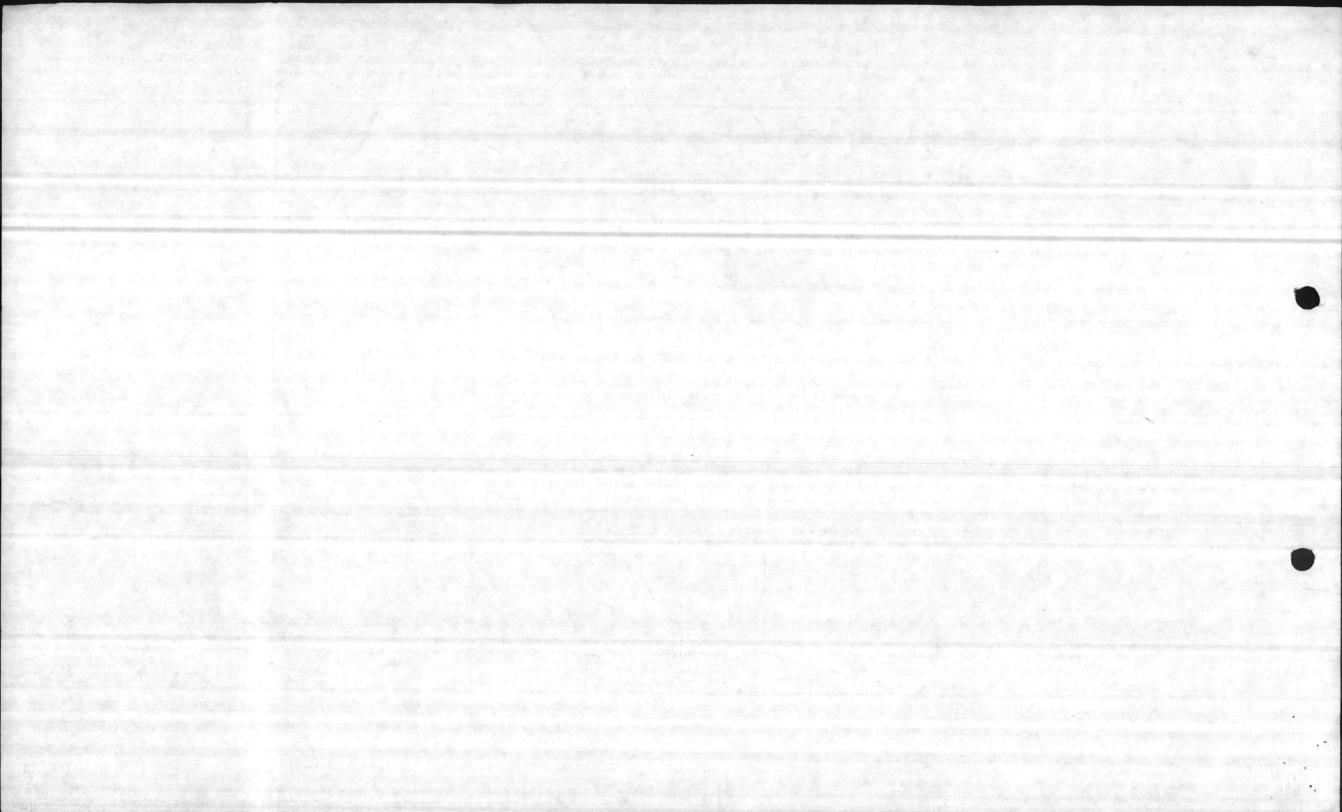


- Outside water in area of shelter annex and vehicle bay. (14)
- Calibration Lab (15)
  - Entire lab should be electrically shielded. (1)
  - (2) (3) Work benches wired for 6 duplex outlets. 100 foot/candescent light at bench level.

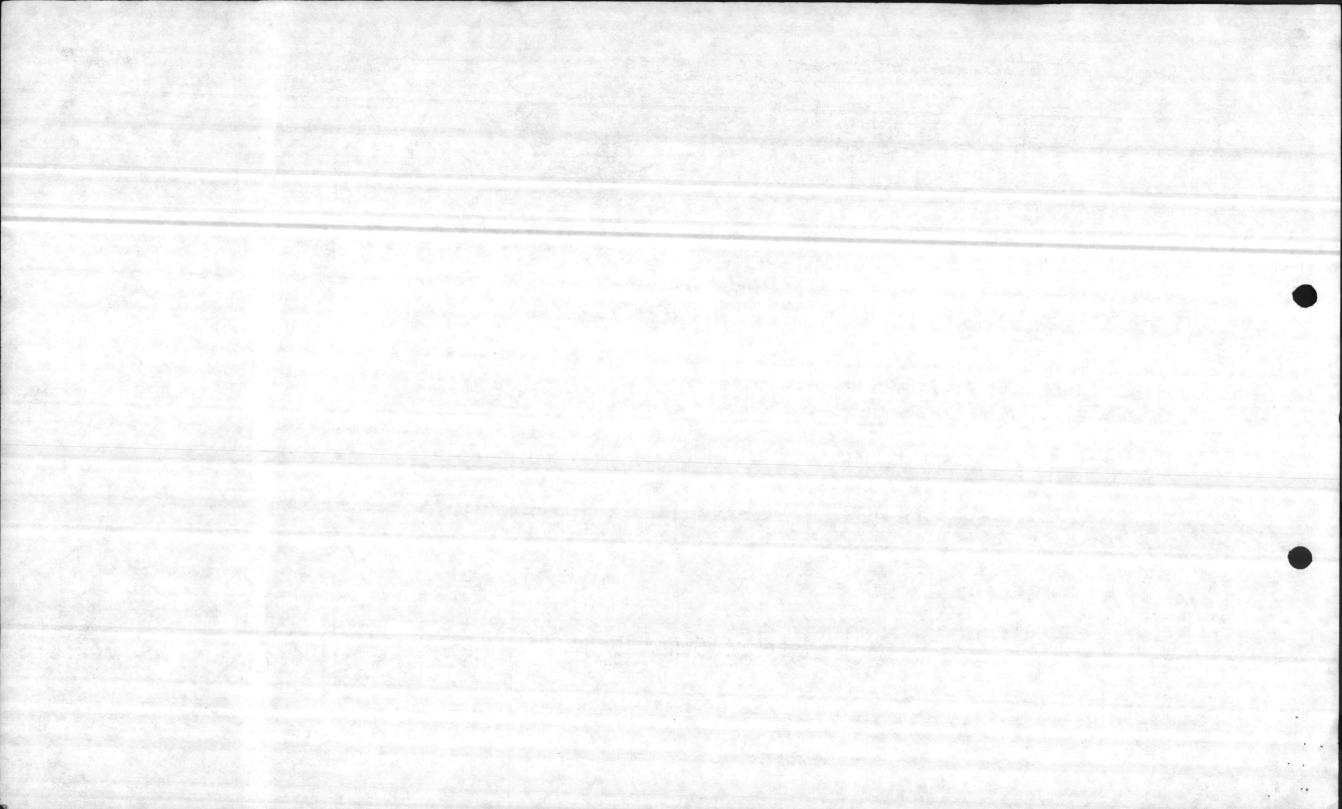
  - Warm-up room w/shelving 18" high, with power outlets every 18" linear. (4)
  - (5) Clean room for mech/optical calibration.
  - (6) Air lock entry.way into shop.
  - No 28V DC required. (7)
  - (8) No 400 Hz required.
- (16)Missile storage and CRYPTO repair entries be tied to intrusion detection system.

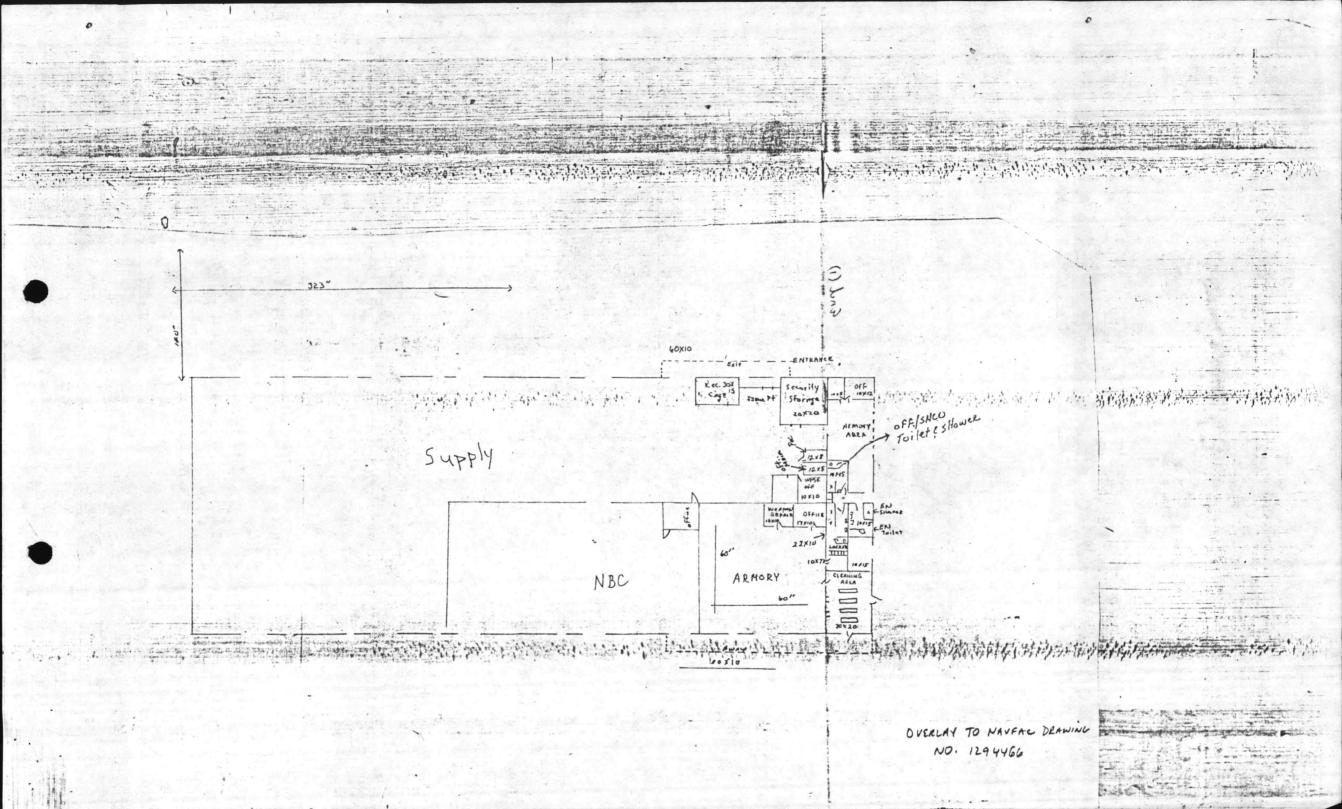


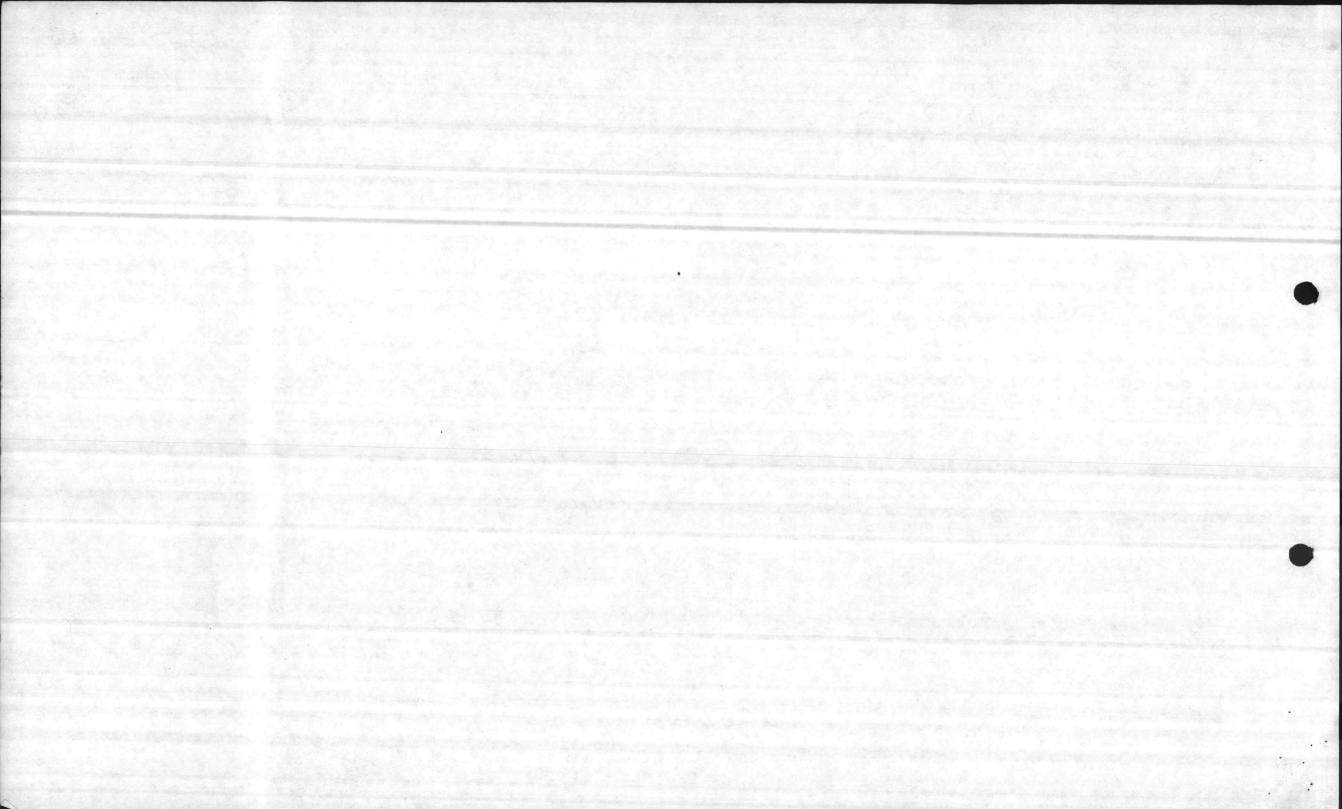


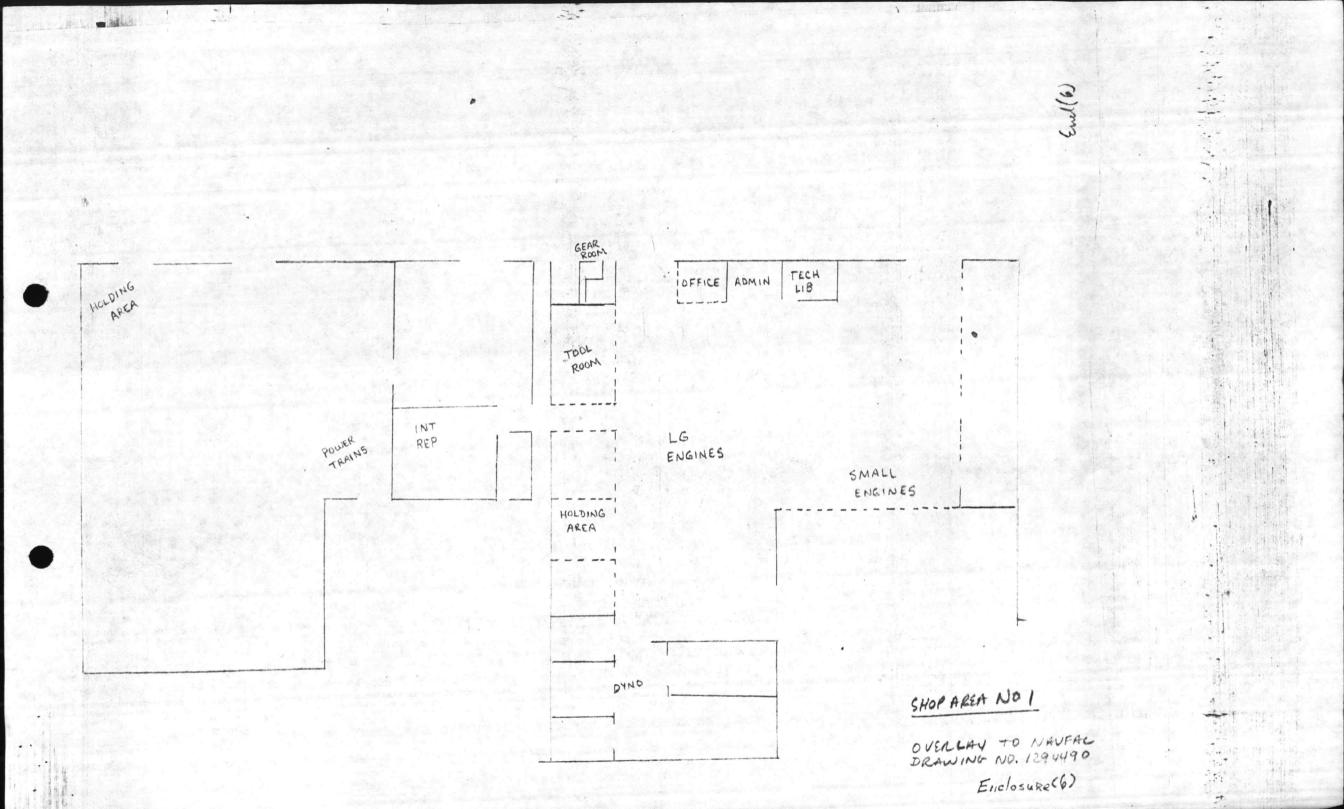


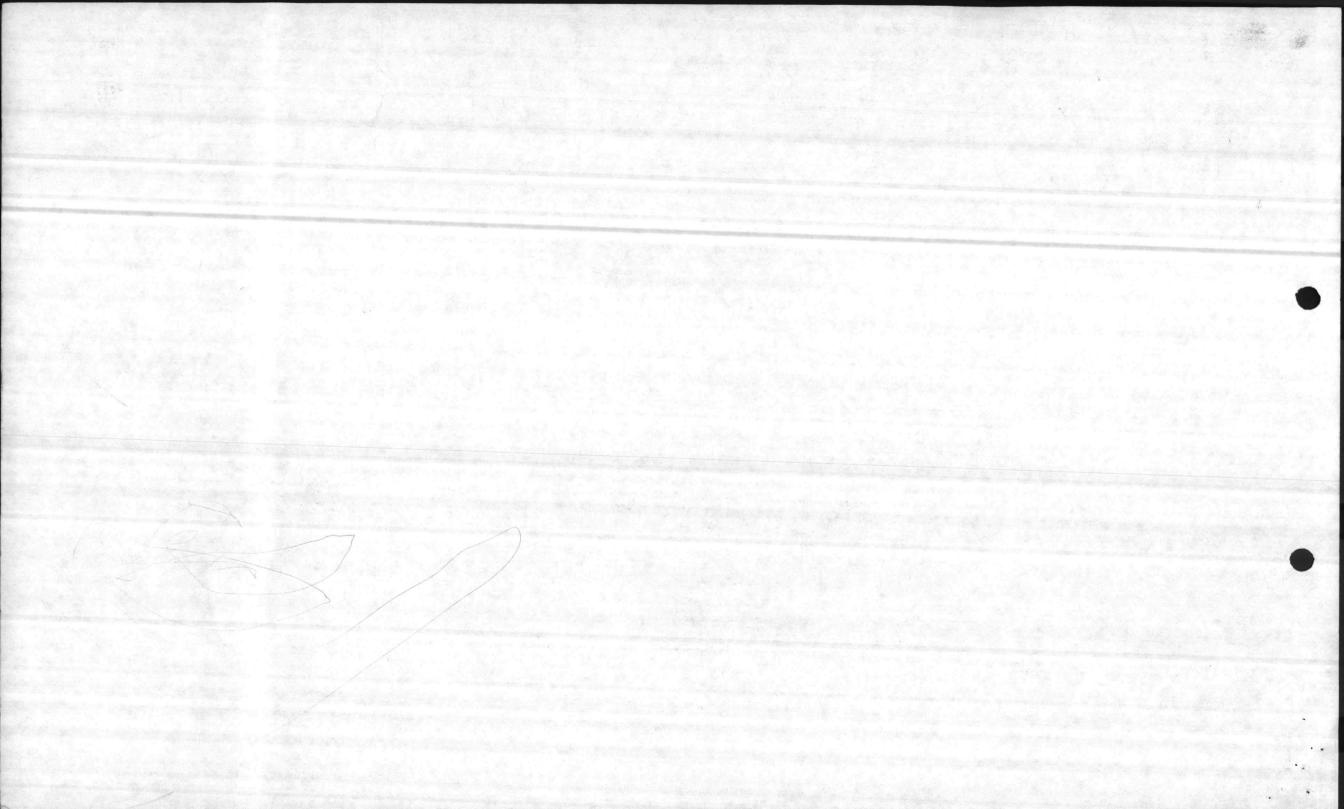
0 ENGR. MAINT. Co. Ord Maint Co GSM Co AREA SHOP AMEA NO3 Shop Area No 4 MAINCRANEWAY GSM CO Shop Area No 1 MTM CO SHOP AREA NOZ GSM MMU 6 OVERLAY TO NAVFAC DRAWING NO. 1294489 ENCLOSURE (2) ENGR. MAINT CO. Ent(2)

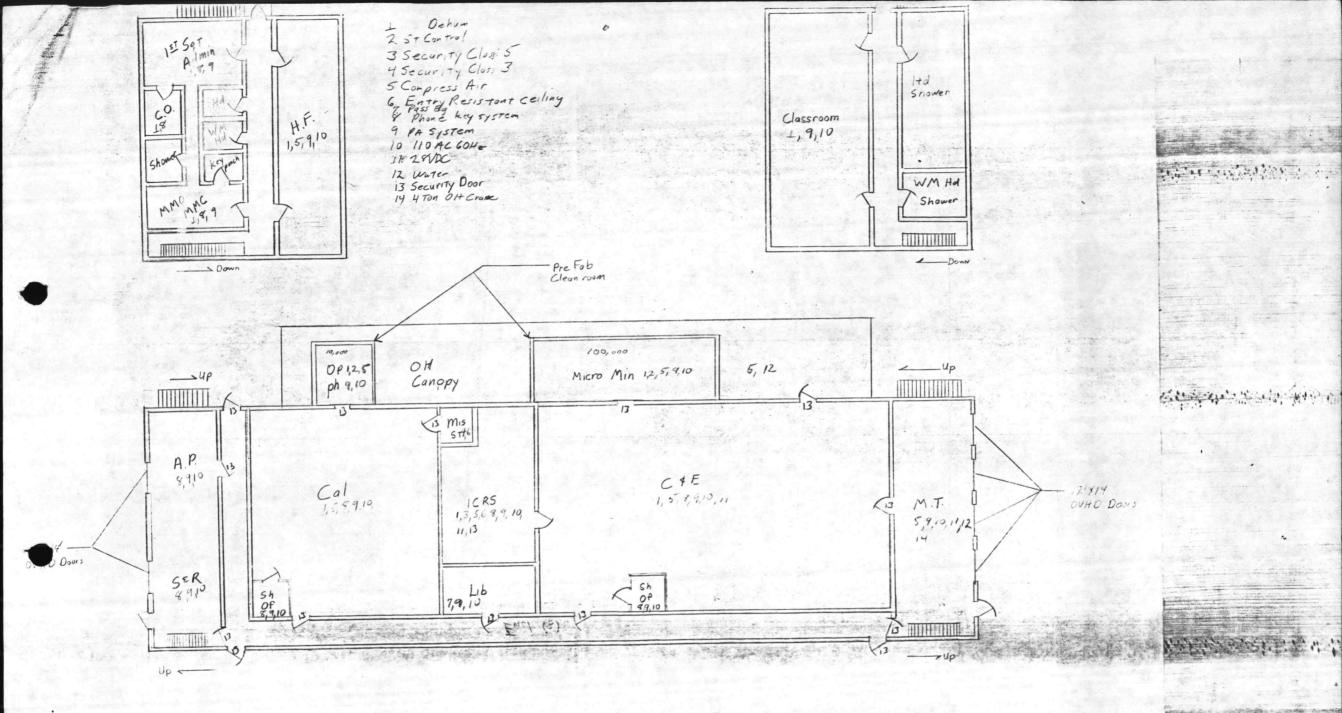






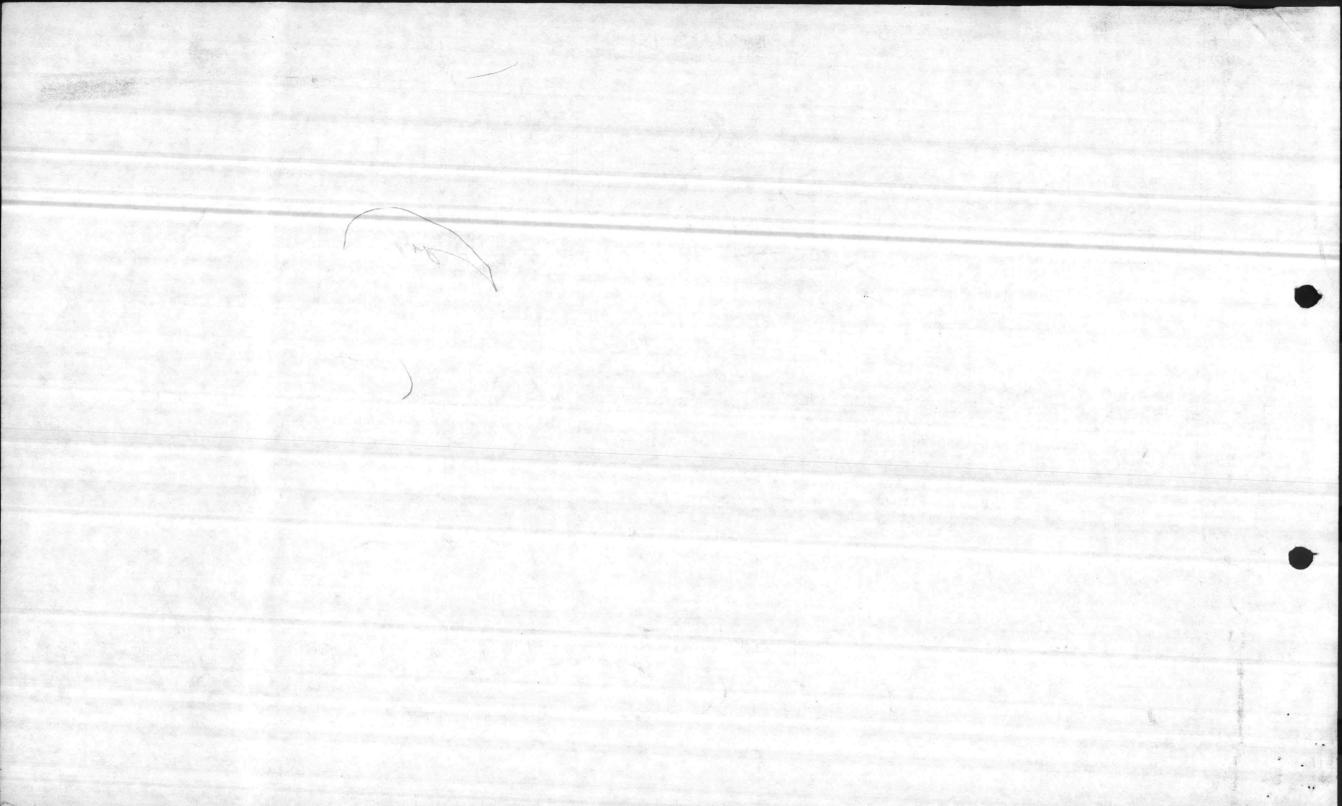


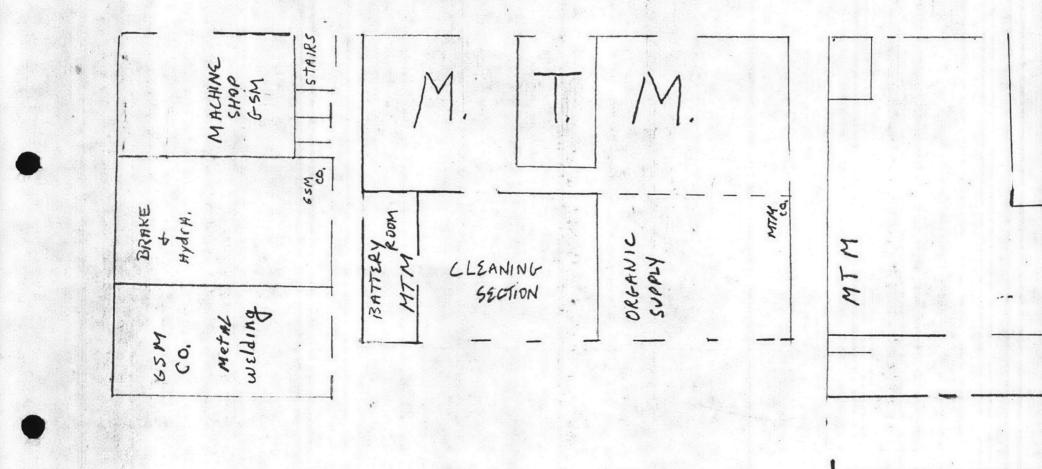




OUSRLAY FOR ELMACO TO NAVFAC DRAWING NO. 129 3356

Enclosure (2)





THE REAL

1

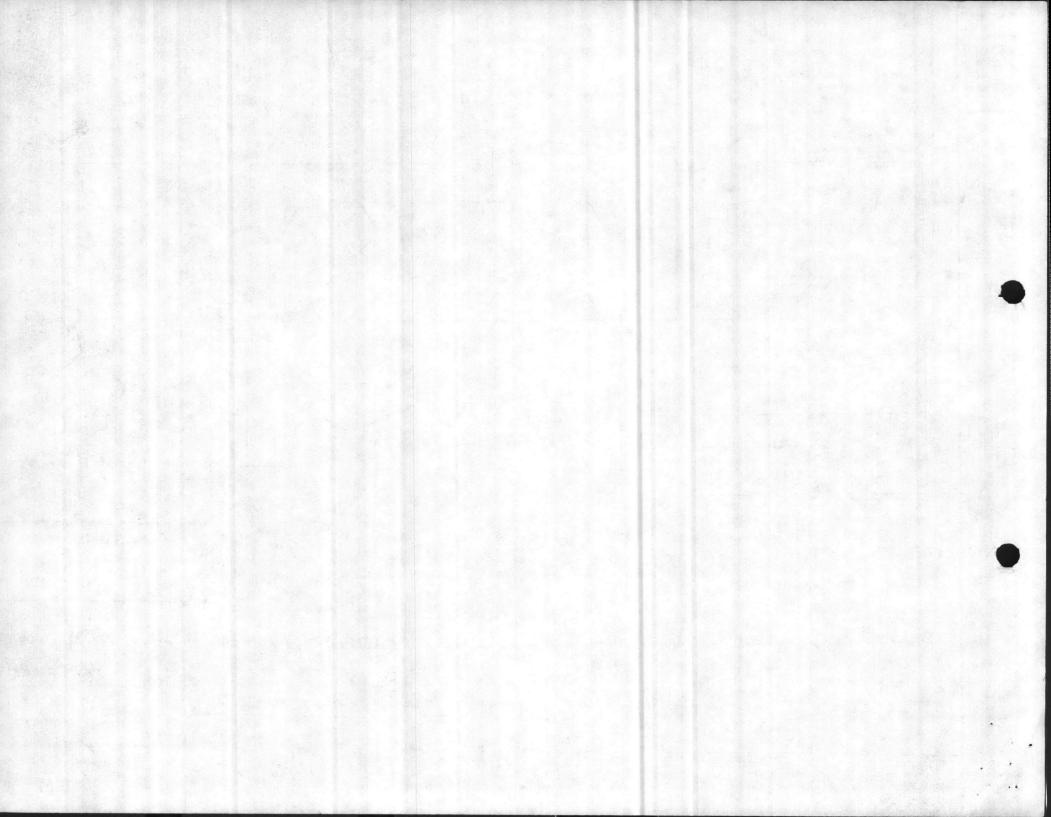
14.11

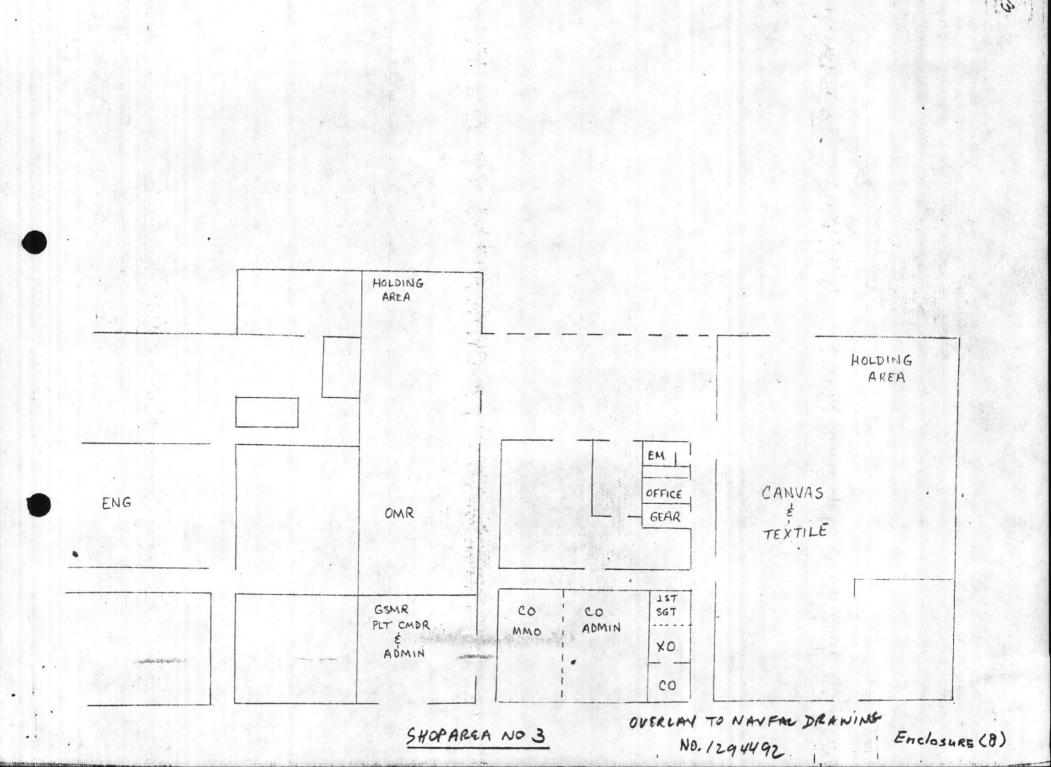
OVERLAY TO NAVFAC DRAWING NO. 1294491 ENCLOSURE(7

(1)

SHOP AREA NO 2

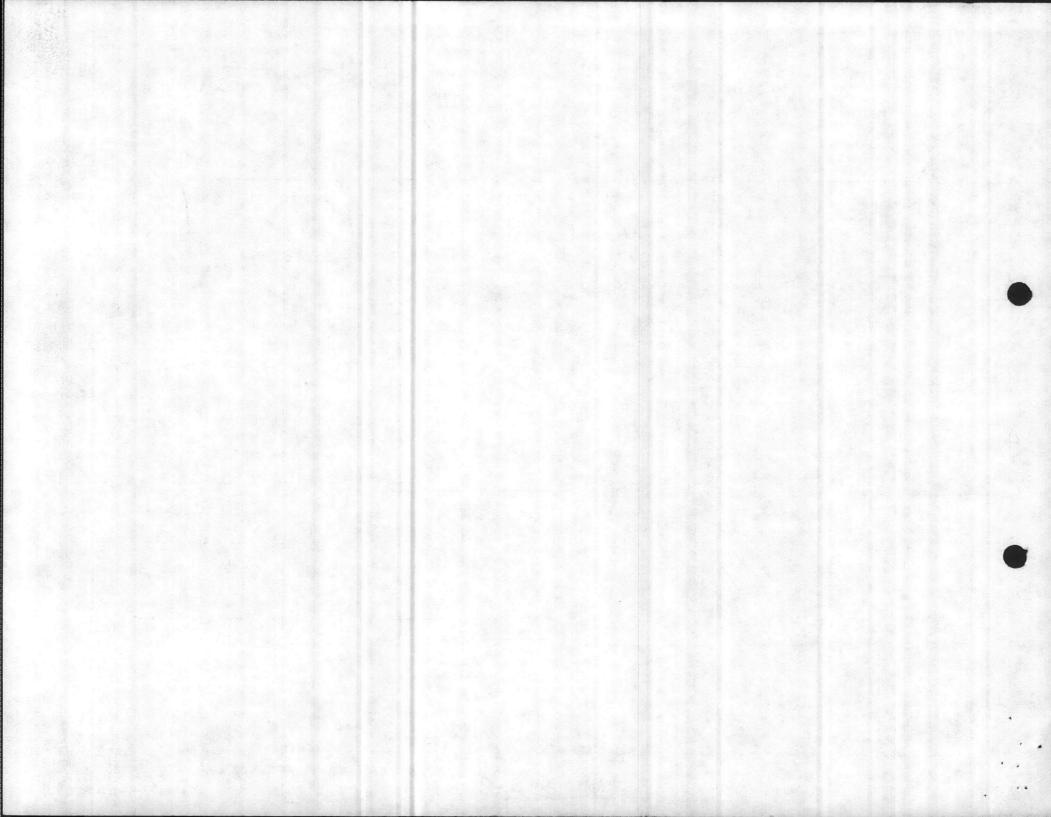
State of the state of the

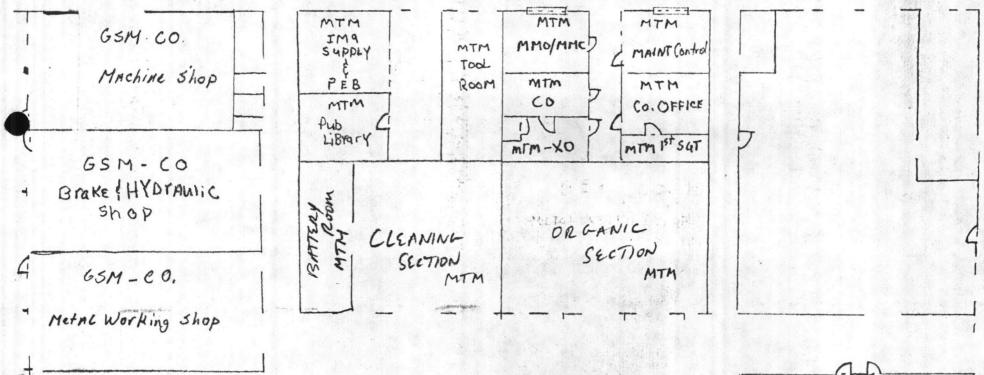




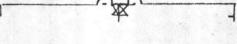
hants .

He



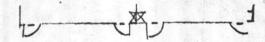


1、1、1年前四月季季市町



公司 计 國 国 国 国

Enel (9)



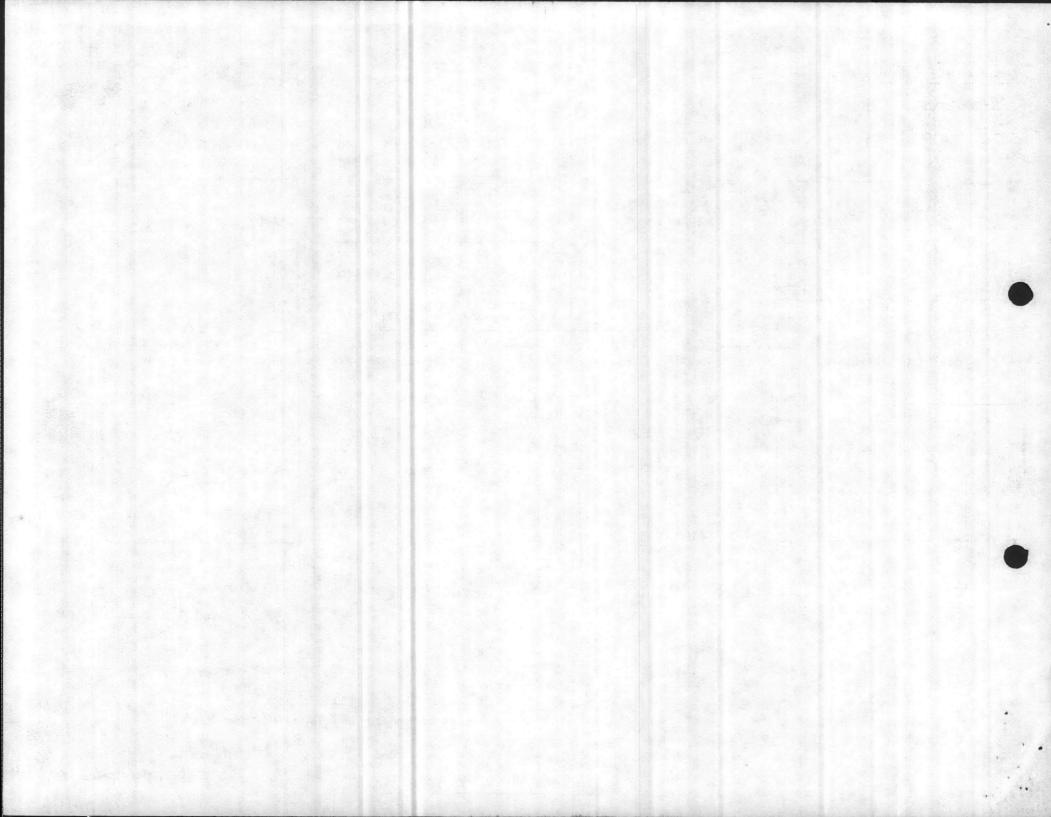
OVERLAY TO NAVFAL DRAWING

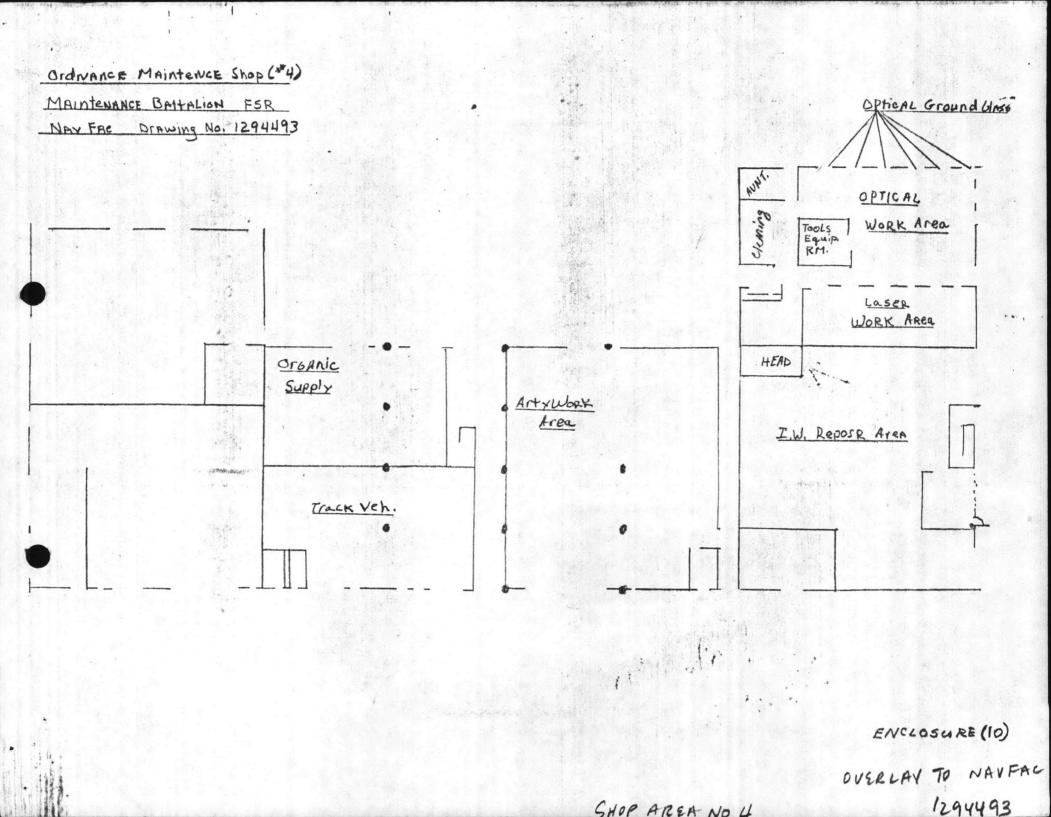
NO. 1294491

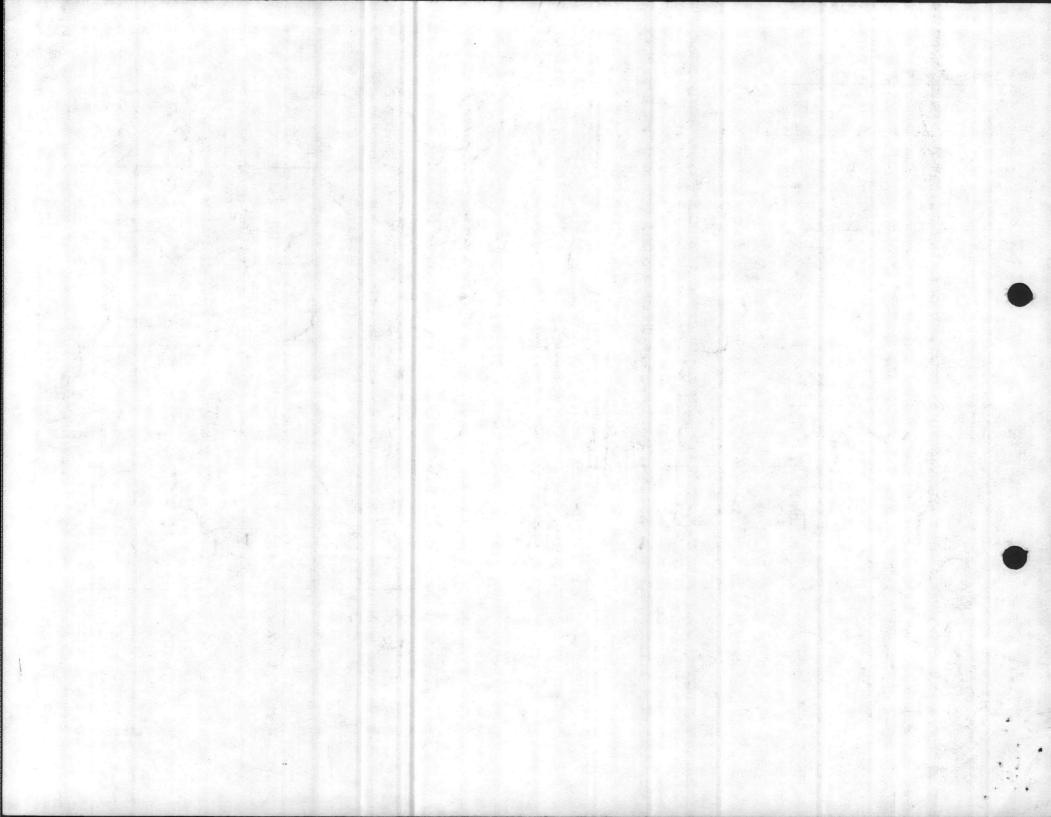
1 1

SHOPAREA NO 2

Enclosure (A))







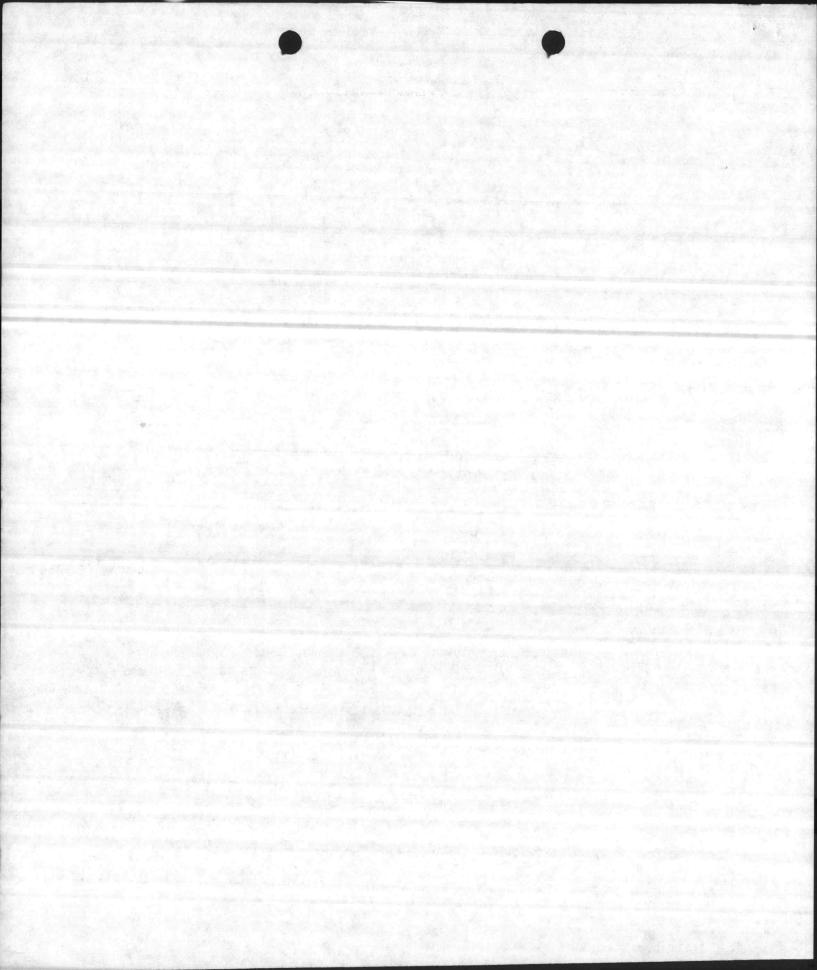
THE FOLLOWING INFO IS ISASE OF PROJECT LATONT FROM A E FOR PRELIM EACTHWORK ANALYSIS DATED FEB, 1985

PAVED DREAG INDICATED BY SITE LAYOUT: COMPLETE GONZOLAS EXTUNSION · ZODOLF = 5,500 ST POV PARKING 400 ×600 = 26,666 ST ALL OTHER PARKING AND PAVED ARDS AROUND = 42,887 SY TOTAL MAINT. COMPLEX

"HAVED AREA FOR TOTAL PRIJET= 75,05357 SAY = 75, 10054 (75,100 sy = 15.5 AC.)

THE ABOVE AQURE OF 75,100sy DOES NOT INCLUDE ANY PAVED TANK TRAILS.

75,100sy = 4 INCROMENTS = 18,775sy por PROJECT



NAVY		FY 19 87 MILITARY CONSTRUCTION PROJECT DATA 2. DATE 2. DATE 1 AUG 1981						
MARINE CORPS BASE COM					MBAT/AUTOMOTIVE/TRACK FIELD INTENANCE SHOP (INCREMENT 3)			
5. PROGRAM ELEMENT 6. CATEGORY CODE 214-53			7. PROJEC	the later of the second s			\$23,100 30,500	
		9. CC	ST ESTIMA	TES				
		ITEM		U/M	QUANTITY	UNIT	COST (\$000)	
FIELD MAINTENANCE SHOP Building - Shop 2 Building - Shop 4 Craneway Built-In Equipment SUPPORTING FACILITIES Water, Stm, Sewer, Fire Alarm/Telephone, Site Improvement SUBTOTAL CONTINGENCY - 5% ESTIMATED CONTRACT COST SUPERVISION, INSPECTION, & OVERHEAD - 5.5% TOTAL REQUEST (ROUNDED) INSTALLED EQUIPMENT - OTHER APPROPRIATIONS				SF SF SF LS LS	210,300 47,500 52,800 110,000 - -	91.47 90.00 90.00 70.00 -	19,236 (4,275) (4,752) (7,700) (2,509) 1,623	
				LS LS LS LS LS			$     \begin{array}{r}         (1,623) \\         20,859 \\         1,042 \\         21,901 \\         1,204 \\         23,100 \\         -     \end{array} $	
Permanent tw foundation, over insulat steam, compre- cranes, site REQUIREMENTS PROJECT: Contance Shop for REQUIREMENT ST Contance Shop for REQUIREMENT ST Contance Shop for Requirements The facilities requirements (MPACT IF NO	vo-sto floor tion a ressed work 6: 44 onstru for ma Srd an ivisio (H)), JATION sonry- ies ard s, and DT PRO ffecte	osed construction ry shops and crane s, masonry and stind interior support air, sprinkler, , and utilities construction 2,600 ADEQUATE: ct Increment 3 of intenance personne combat/Automotive/ in FMF (2d MARDIV) and 2d Force Server type WW-II building type building typ	ructural rt syste fire ala onnected <u>O</u> SF Combat/ el of th Track Fi ntenance ; Marine ice Supp e progra ngs and ate due ine time	steel f ms (i.e. rm, plum (82 ton SUBSTAN Automoti e 2d For eld Main on equi Corps A ort Grou m is bei Butler-t to size, on equi	raming. , air con bing, ove s air con DARD: <u>0</u> ve/Track ce Servic tenance S pment ass ir Statio p REIN (2 ng carrie cype metal configur pment wil	Built-u ditioni rhead b ditioni SF Field M e Suppo hop is igned t n (H), d FSSG) d out i buildi ration, l remai	p roof ng, ridge ng)). ainte- rt Group. required o the New n sub- ngs. utility n	
			**. Č.,					
/M								
/M		PREVIOUS EDITIONS						

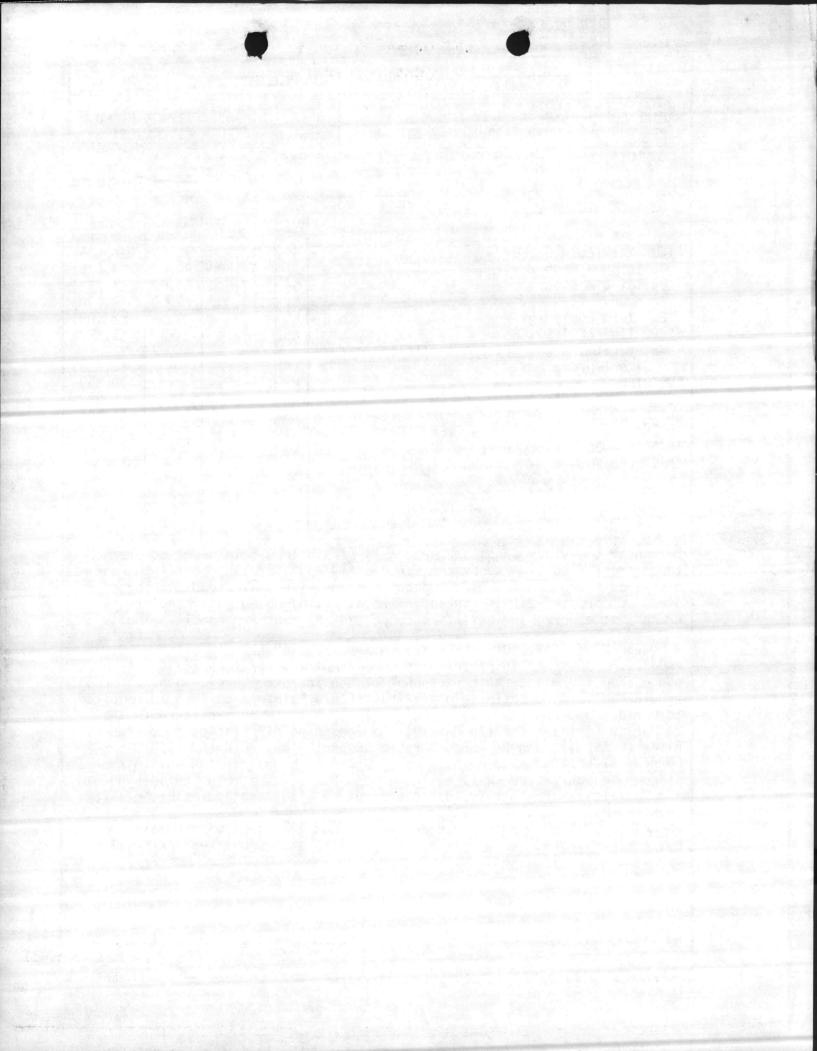
0

••

-

-

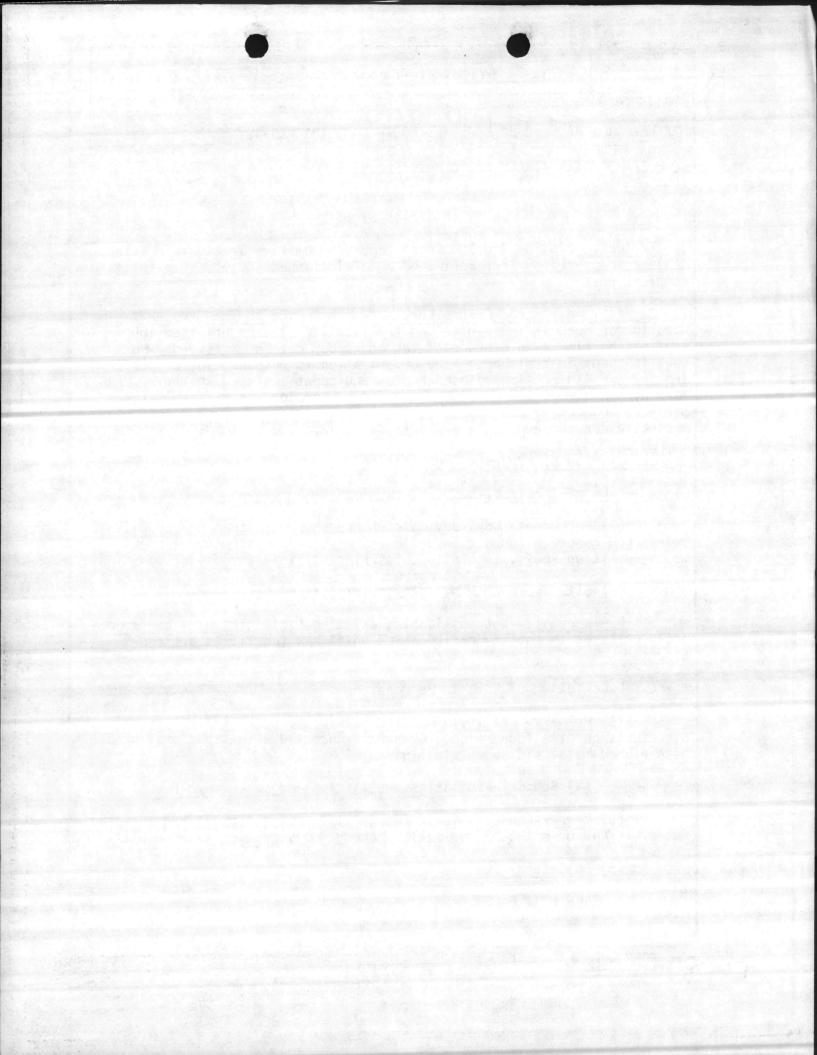
a a transmission of the second of the second se



1. COMPONENT	97			2. DATE
NAVY		ONSTRUCTION PROJECT D	ATA	1 AUG 1981
and the second	and the second			
MARINE CORPS	BASE, CAMP LEJEUNE,	NORTH CAROLINA 28542	1	07.100.000
	OTIVE/TRACK FIELD MAI	NTENANCE SHOP	5. PROJE	CT NUMBER
(INCREMENT 3				P-804
	FACI	LITY STUDY		
1. <u>Project</u> . tenance Shop complex.	Provide 210,300 SF area as Increment 3	of Combat/Automotive Tra of a total planned 442,0	ack Fie 600 SF	ld Main- maintenance
duration of cent of the week is spen ing 3rd and MCAS(H) New project; how	need is indefinite an time. An average of t in the shops. The 4th echelon maintenan River, and 2d FSSG. ever, it is expected	rkload with Regard to The d the facility will be used ten hours per day for a organization is responsi- ce on equipment assigned The future workload is of to increase as as the pre- ntroduced into the system	utilize five-d ible fo d to th difficu resent	d 100 per- ay work r perform- e 2d MARDIV, lt to
3. Descript	ion of Proposed Organ	ization.		
a. <u>Type</u>	of Construction.			
reinforced c	oncrete foundations,	aintenance shop with cra floors, masonry and stru , interior utilities, ar	uctural	steel
(2)	Site improvements, ex	terior utilities, etc.		
b. <u>Repl</u> arily utiliz structed.	acement. Not applical ed to satisfy deficien	ble; existing facilities	s will ies are	be tempor- con-
c. Desc	ription of Work to Be	Done.		
structures o	Primary Facility. Mod n pile foundation. Co metal siding on steel	dular reinforced concret raneway supported with s girts.	te/maso structu	nry ral steel
	(a) <u>Support Facilities</u>	s. Utilities and site i	improve	ment.
(2) materials an	Energy Conservation. d orientation for max	Energy efficient equipm imum energy conservation	ment an n will	d building be utilized.
(3)	Collateral Equipment.			1. A.
\$6° 0	SEE NEXT PAGE			

1

~



COMPONENT			2. DATE
NAVY	FY 1987 MILITARY CONST	RUCTION PROJECT DA	TA 1 AUG 1981
INSTALLATION		1	
MARINE CORPS	BASE, CAMP LEJEUNE, NORTH	CAROLINA 28542	
PROJECT TITLE	DTIVE/TRACK FIELD MAINTENA	NCE SHOP	PROJECT NUMBER
(INCREMENT 3			P-804
	SPECIAL CONSI	DERATIONS	er der bes se
1. Pollutio	Prevention, Abatement, a	nd Control: This pr	oiect will not
cause additi	onal air or water pollutio	n.	
2 Flood Ha	zard Evaluation: Requirem	onts of Executive Or	don No. 11206
(Flood Hazar	is) are not applicable.	ents of Executive of	der No. 11290
2 Envina	ntal Impacts The sector	Faulus 1	
(EIA) is he	ental Impact: The project ng written and will be pro	cessed through the 1	ocal EIA Review
Board. No	dverse environmental impac	t is anticipated.	
			Sector and the sector and
4. Fallout	Shelter Construction: Fal	lout shelter protect	ion is not incor-
porated in t	nis project.		
5. Design f	or Accessibility of Physic	ally Handicapped Per	sonnel: Pro-
visions for	physically handicapped per	sonnel are not requi	red in this
project.			
6. Use of A	r Conditioning: Ceiling	"U" factors will be	made to conform
WITH DOD 427	0.1-M.		
7. Preserva	tion of Historical Sites a	nd Structures: This	project does
not directly	or indirectly affect a di	strict, site, buildi	ng, structure.
possesses a	etting which is listed in significant quality of Ame	rican history.	er of otherwise
(OMB Circula	t" Criteria for Commercia A-76): Not applicable.	I or Industrial Acti	vities Program
and the state of the second			
			a la la seconda de la secon
		-	Sat 1
	ti i nak mataka pulangan su ka		
			10.5 L

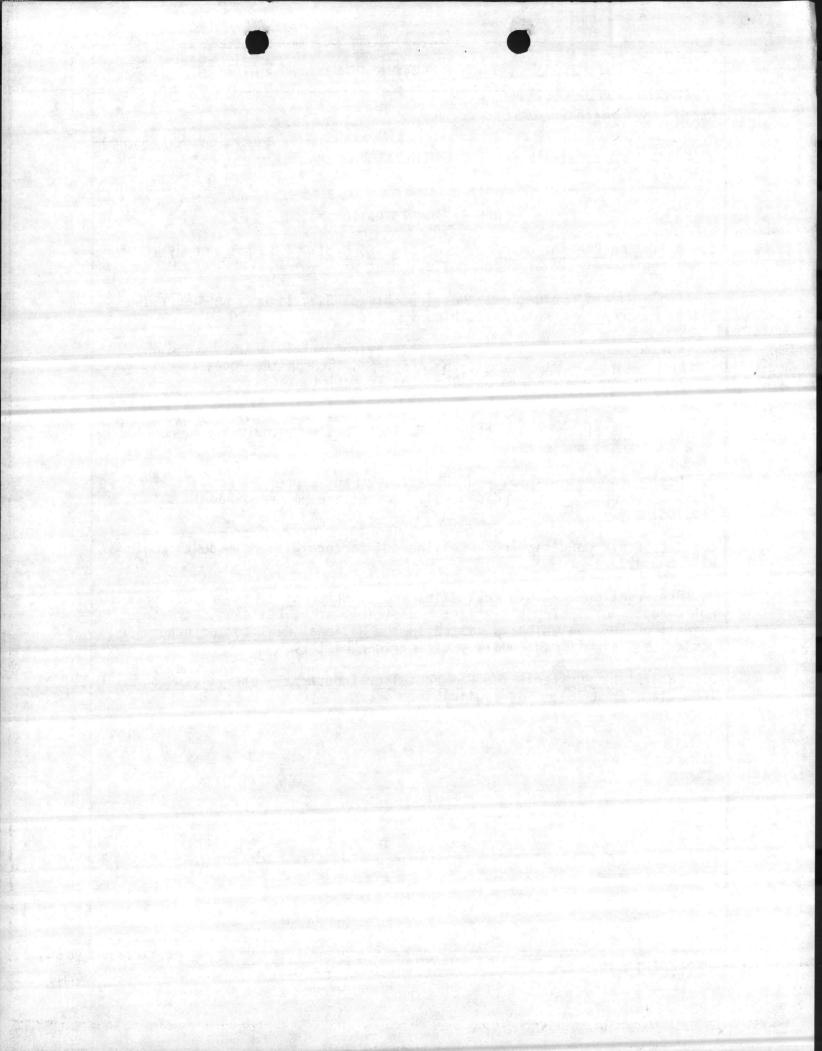
UNTIL EXHAUSTED

: U.S. GOVERNMENT PRINTING OFFICE: 1978-703-173/34312-1

TOTAL POR

こうちょう しょうない ちょうちょう うちょうちょう ちょうちょう ちょうちょう ちょうちょう ちょうちょう ちょうちょう ちょうちょう ちょうちょう ちょうちょう ちょうちょう ちょうちょう

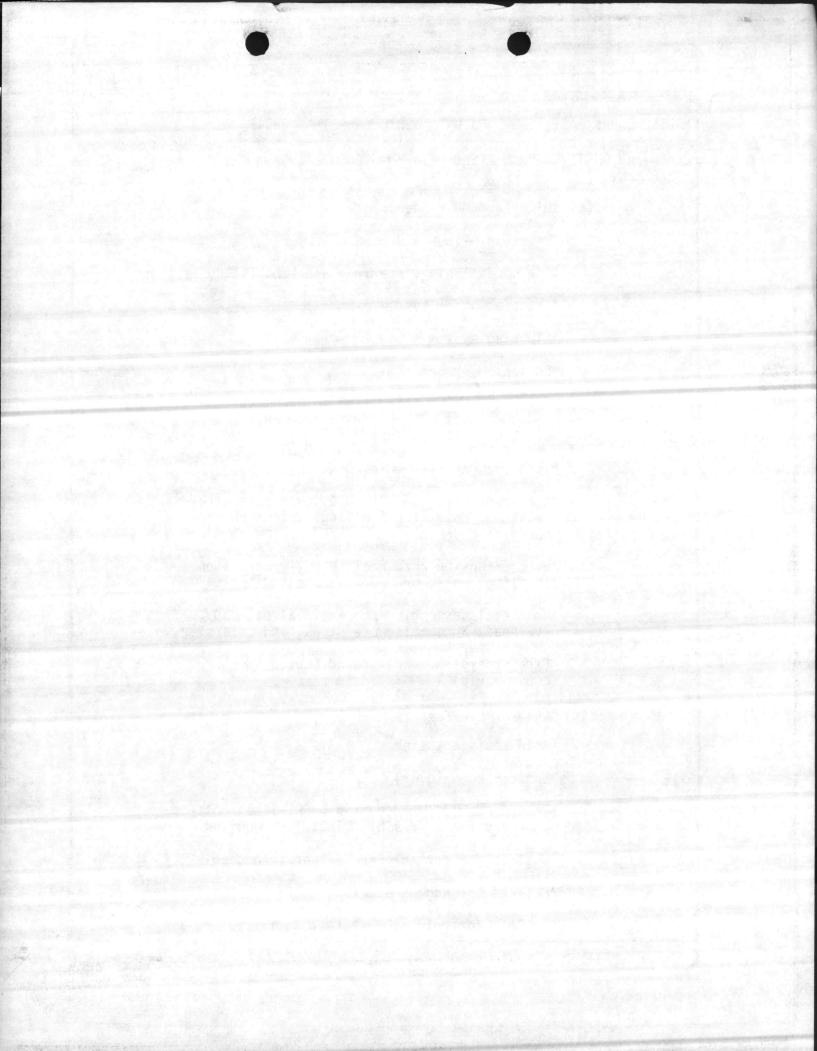
ちちちょう ちょうしん ちょうちょう ちょうちょう ちょうちょう ちょうちょうちょう ちょうちょう ちょうちょう ちょうちょう ちょうちょう ちょうちょう ちょうしょう



1. COMPONENT NAVY	FY 19 87 MILITARY CONSTRUCTION PROJEC	T DATA 1 AUG 198
3. INSTALLATION	AND LOCATION	11 A00 130
MARINE CORP	S BASE, CAMP LEJEUNE, NORTH CAROLINA 28542	
4. PROJECT TITLE COMBAT/AUTO (INCREMENT	MOTIVE/TRACK FIELD MAINTENANCE SHOP	5. PROJECT NUMBER P-804
	(a) Built-In MCON Funded:	
	*Venetian blinds and window screens	
	*Air conditioning, heating, and ventil	ating systems
n an	*Interior steam system	and a second
	*Plumbing system	
	*Sprinkler system	
	*Telephone, fire alarm, and intercom s	ystems
	*Drinking water coolers	
	*Tire changer, elec-air, 3'x4'	
	*Air hose reel, 150 PSI, H.D., w/hose valve and hose stop (ceiling, wall, o pedestal mounted)	
	<pre>*Elec extension cord reel, H.D., w/cor (ceiling, wall, or pedestal mounted)</pre>	d stop
м. М	<pre>*Hose reels assembly w/control valves, overhead, automatic hose stops, and m</pre>	
	<pre>*Exhaust system, underground (automoti const equip)</pre>	ve or
	*Deluge shower w/eye wash	
	*Acid resistant sink	
	*Exhaust hood (over)	
	<pre>*Pass window, 4'W w/counter &amp; "B" labe down shutter (w/fusible link), if req</pre>	
	*Outlets for portable arc welder (grou	inded)
	*Outlets for engine starting	
	*Outlets for refrig. unit test (utilit	ies repair)
DD 1 DEC 76 13	B91c PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED	PAGE NO.

11

۰.



1. COMPONENT NAVY	FY 19_87 MILIT	ARY CON	STRUCTION PR	ROJECT DATA	2. DATE 1 AUG 198
3. INSTALLATION A	ND LOCATION			and the second	1
MARINE CORPS	BASE, CAMP LEJE	UNE, NOR	TH CAROLINA	28542	
4. PROJECT TITLE	TIVE/TRACK FIEL		NANCE SHOP	5. PROJ	ECT NUMBER
(INCREMENT 3)		·	INNUE SHOT		P-804
	*10-ton over	head bri	dge crane		
	*Twin-post p	neumatic	lift, H.D.,	24,000 1b cap	•
	*Twin-post p	neumatic	lift, L.D.,	11,000 lb cap	•
	*1-ton overh	ead mono	rail .		
	*5-ton overh	ead mono	rail		
	*2-ton jib c	rane			
	*Industrial	degrease	r, 33'x15'x20	)'H (clear dim	.)
	*75-ton over	head bri	dge crane w/2	0-ton aux. ho	ok
	*Paint spray	booth w	/hood, 5'x3'		
	*Engine star	ting out	lets (12, 24,	& 36 volt)	
• (1	b) EXPENSE ITEM	<u>s:</u>			Server and
DESCRI	PTION	QTY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
Bench, elec. 144"x34"H	repair, 36"x	, 8	EA	\$ 90.00	\$ 720
Shelving, 3' o tool box store	leep, mechs. age	21	LF	50.00	1,050
Table, work, s 24"H	steel, 4'x8'x	9	EA	160.00	1,440
Press, punch,	hydraulic	1	EA	1,200.00	1,200
Booth, radiato paint, 60"x42"	or flush & 'x28"H	. 1	EA	1,000.00	1,000
Rack, storage, 48"H	48" deep x	2	EA	125.00	250
Dryer, infra-r 18"x72"	ed, portable,	4	EA	300.00	1,200

DD 1 DEC 76 1391C

.

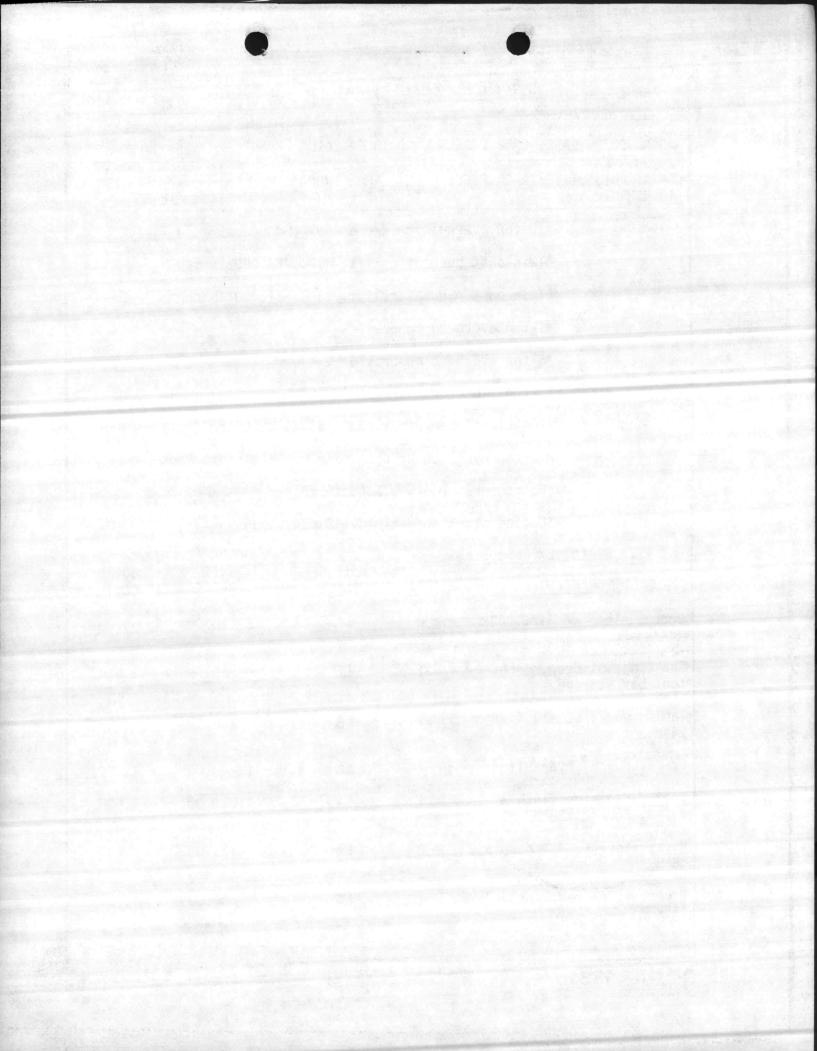
PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

States and the second se

٩.

PAGE NO. 3 of 11

U.S. GOVERNMENT PRINTING OFFICE: 1978-703-173/34312-1



NAVY FY 1987 MILITA	ARY CONS	TRUCTION P	ROJE		2. DATE 1 AUG 19	81
INSTALLATION AND LOCATION			<u>.</u>	Strength .		
MARINE CORPS BASE, CAMP LEJE	UNE, NOR	TH CAROLINA	285	42		
PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIEL (INCREMENT 3)	D MAINTER	NANCE SHOP			CT NUMBER 2-804	
DESCRIPTION	QTY	UNIT OF ISSUE		UNIT PRICE	TOT COS	
Changer, tire, H.D., elect. air, 6'x8'	1	EA	\$	500.00	\$ 50	0
Spreader, tire, H.D., 3'-6"x6'8"	2	EA		400.00	80	0
Frame, tire inflation, 3'x6'	1	EA		400.00	40	0
Balancer, precision wheel, 3'x3'	1	EA		200.00	20	0
Shelving, 24"W	600	LF		10.00	6,00	0
Stand, turret support	6	EA		1,000.00	6,00	0
Bench, work, portable, 48" x28"x34"H	68	EA		225.00	15,30	0
Bench, work, stationary, 28"Dx34"H, steel top st'd, lead covered in batt. shop	1,272	LF		77.60	98,70	7
Bins, parts, adj. shelving, 14"x24"D, steel	400	LF		37.00	14,80	0
Racks, tire storage, 3'x25' x3 tiers H	225	LF		30.00	6,75	0
Bins, parts, rota, 3'Diam, multi-bin	5	EA		360.00	1,80	0
Tank, test, water, 24"x50" x18"	3	ΈĄ		360.00	48	0
Heli-arc welder, AC/DC, shop type, 300 AMP, 32 cycle, inp 208/230/460 V, 110/150 AMPS		EA		630.00	1,26	0
Charger, battery, 6 or 12 vo selenium type-battry tester, & 12 volt		EA		110.00	11	0

72.57

.

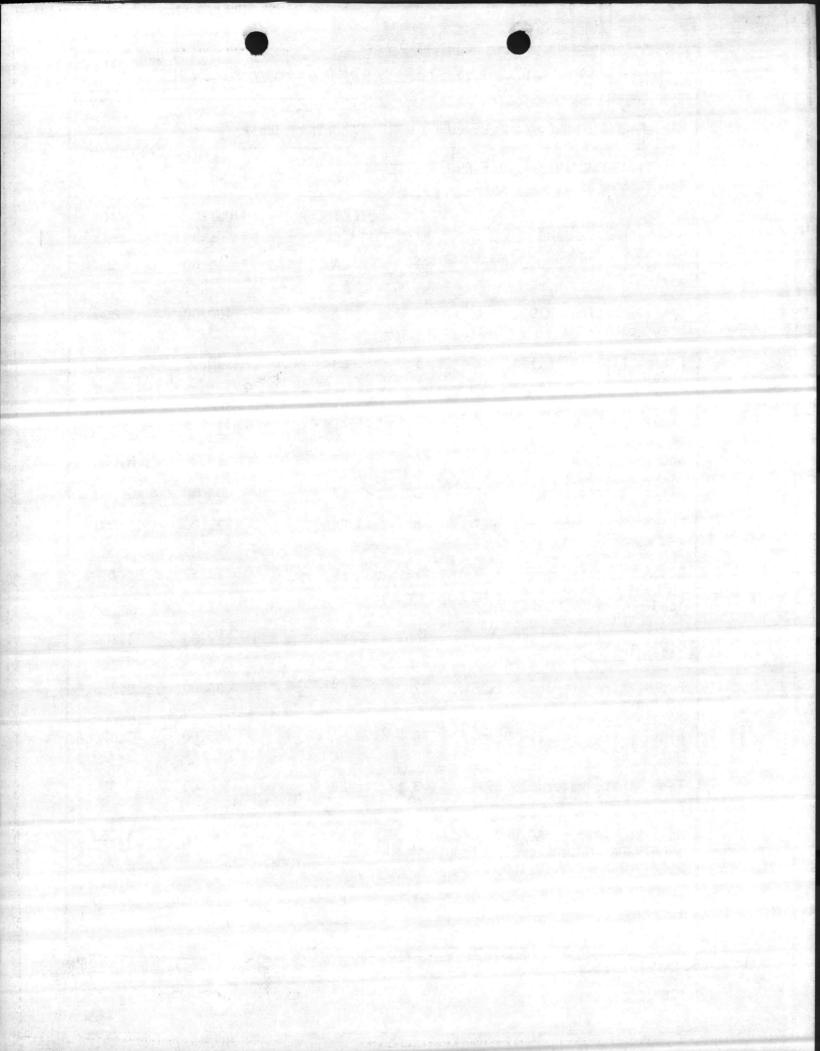
•

f 11

U.S. GOVERNMENT PRINTING OFFICE: 1978-703-173/34312-1

and the second se

100.000



MILITARY CO LEJEUNE, NO FIELD MAIN QTY 2 2 3 1 7 60 1 m 1	ORTH CAROL TENANCE SH UNIT O ISSUE EA EA EA EA	INA 2854	2	1 AUG 19 DJECT NUMBER P-804 TOTAL COST \$ 210 180 30 198 1,225 2,500
C FIELD MAIN QTY 2 2 3 1 7 60 1	TENANCE SH UNIT O ISSUE EA EA EA EA EA EA	IOP DF \$ \$	5. PRO UNIT PRICE 105.00 90.00 10.00 198.00 175.00	P-804 TOTAL COST \$ 210 180 30 198 1,225
C FIELD MAIN QTY 2 2 3 1 7 60 1	TENANCE SH UNIT O ISSUE EA EA EA EA EA EA	IOP DF \$ \$	5. PRO UNIT PRICE 105.00 90.00 10.00 198.00 175.00	P-804 TOTAL COST \$ 210 180 30 198 1,225
0 <u>TY</u> 2 2 3 1 7 60 1	UNIT O ISSUE EA EA EA EA EA	)F \$ \$	UNIT PRICE 105.00 90.00 10.00 198.00 175.00	P-804 TOTAL COST \$ 210 180 30 198 1,225
0 <u>TY</u> 2 2 3 1 7 60 1	UNIT O ISSUE EA EA EA EA EA	)F \$ \$	PRICE 105.00 90.00 10.00 198.00 175.00	TOTAL COST \$ 210 180 30 198 1,225
2 2 3 1 7 60 1	EA EA EA EA EA EA	\$	PRICE 105.00 90.00 10.00 198.00 175.00	<u>COST</u> \$ 210 180 30 198 1,225
2 3 1 7 60 1	EA EA EA EA	\$	90.00 10.00 198.00 175.00	180 30 198 1,225
3 1 7 60 1	EA EA EA EA		10.00 198.00 175.00	30 198 1,225
1 7 60 1	EA EA EA	2	198.00 175.00	198 1,225
60 1	EA EA	2	175.00	1,225
60 1	EA	2		
		2	,500.00	2,500
n 1	EA			
			650.00	650
5	EA		395.00	1,975
1	EA		235.00	235
2	EA		675.00	1,350
, 3	EA	1	,500.00	4,500
mtd, 5	EA	1	,800.00	9,000
11ed), 3	EA		500.00	500
os- 5 id	EA		300.00	1,500
	11ed), 3 s- 5	11ed), 3 EA s- 5 EA	11ed), 3 EA s- 5 EA	11ed), 3 EA 500.00 s- 5 EA 300.00

S/N 0102-LF-001-3915

A CONTRACTOR OF A CONTRACTOR OF

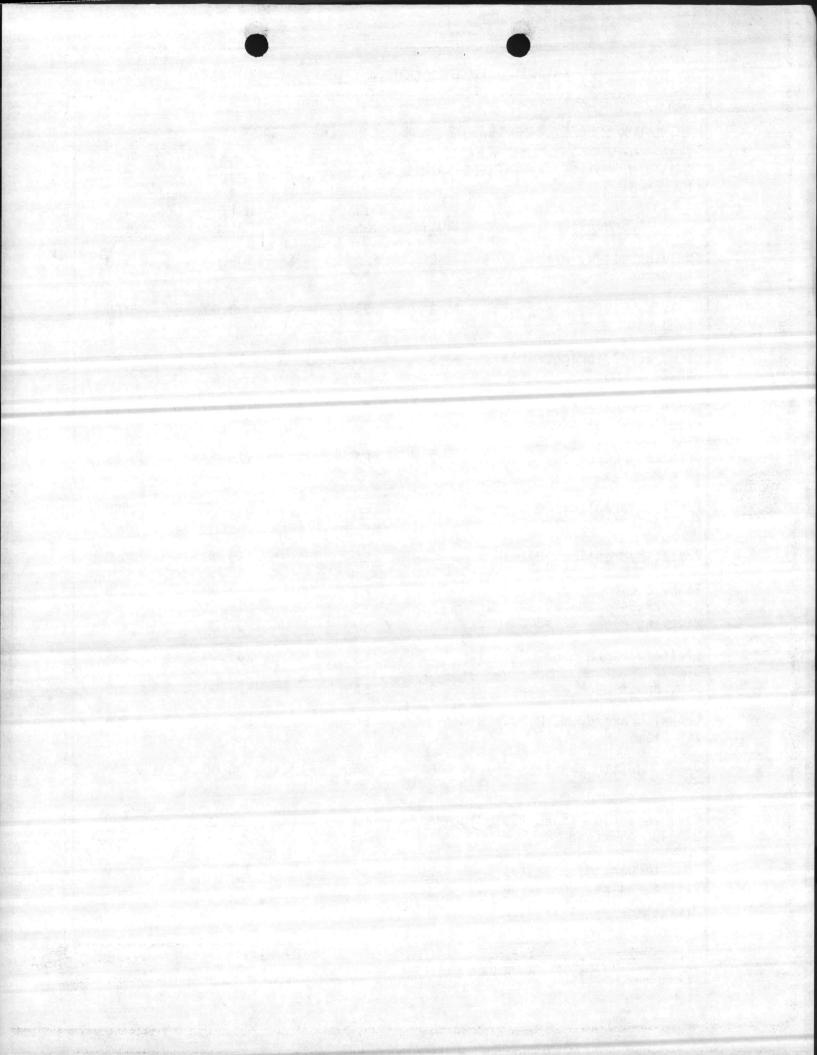
• .

of 1:

1

A State of the second s

\$3. 20 125



				Maria ester in
NAVY FY 1987 MILITA	RY CON	STRUCTION P	ROJECT DATA	2. DATE 1 AUG 1981
INSTALLATION AND LOCATION				all the
MARINE CORPS BASE, CAMP LEJEL	JNE, NOR	TH CAROLINA	and the second	in the second
PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD (INCREMENT 3)	) MAINTE	NANCE SHOP	5. PROJI	P-804
DESCRIPTION	QTY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
Welder, electric, inert gas, Argon), on cart (MIG), 110/ 50 amp input, 300 amp AC/DC 22-cycle load output	2	EA	\$ 2,000.00	4,000
nit, gas welding cutting, ox. acet.) on bart	9	EA	325.00	2,925
Rods, hot locker-welding, 66"x48"x60"H, 300 Watt, bulb heating requirement	3	EA	300.00	900
tand, optical calibration, isual siting	4	EA	660.00	2,640
.05MM recoiless rifle vent orushing remover	1	EA	1,500.00	1,500
.06MM mortar ground repair, igs & bench, 30"x82"x14"H	1	EA	1,500.00	1,500
ench, work, stationary, 66"D, 36"H	3 .	EA	75.00	225
zimuth test fixture, ench mounted	2	EA	1,000.00	2,000
able, work, portable, 6"x42"x32"H	4	EA	100.00	400
ench, work, component ebuild, 48"x96"x24"H	10	EA -	85.00	850
Degreaser, mechanical	14	EA	600.00	8,400
at, chemical cleaning, resylic acid type (alka- ine)	1	EA	1,000.00	1,000
lelder, tungsten inert gas, O to 300 amp, 110/150 amp mput, 300 amp AC/DC, 32 cycl	2 e load	EA output	1,000.00	2,000

A.

S/N 0102-LF-001-3915

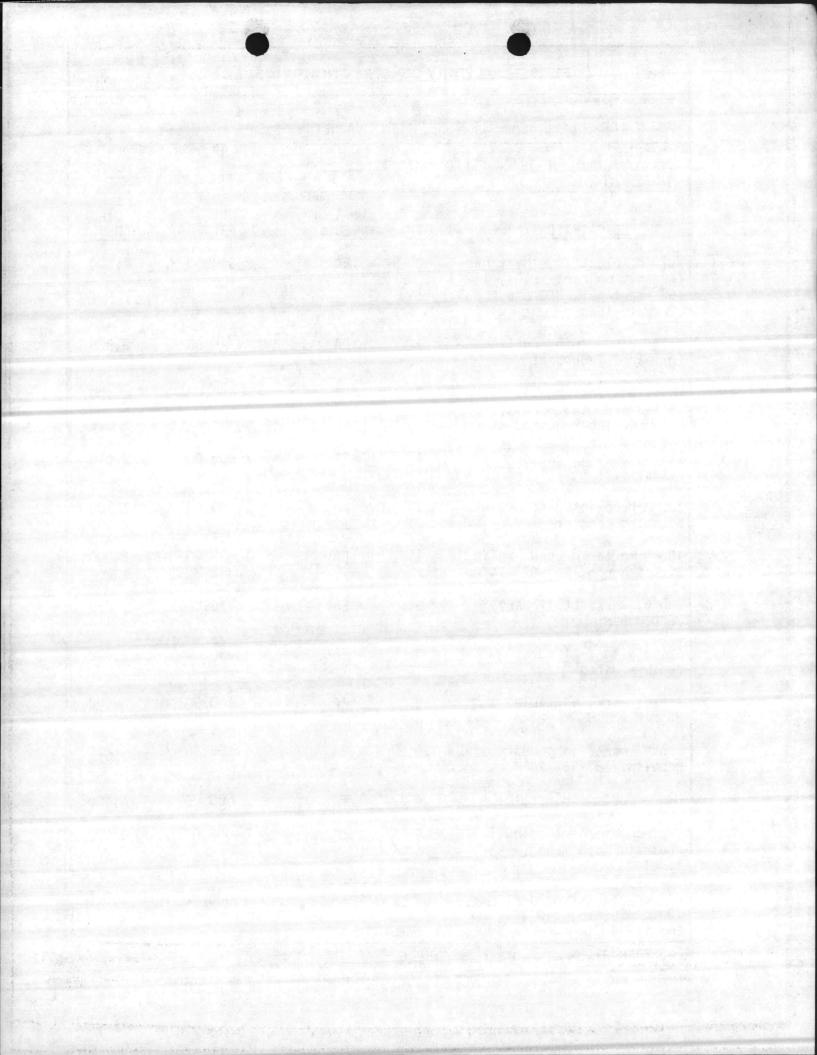
A PARION DE TO

۰.

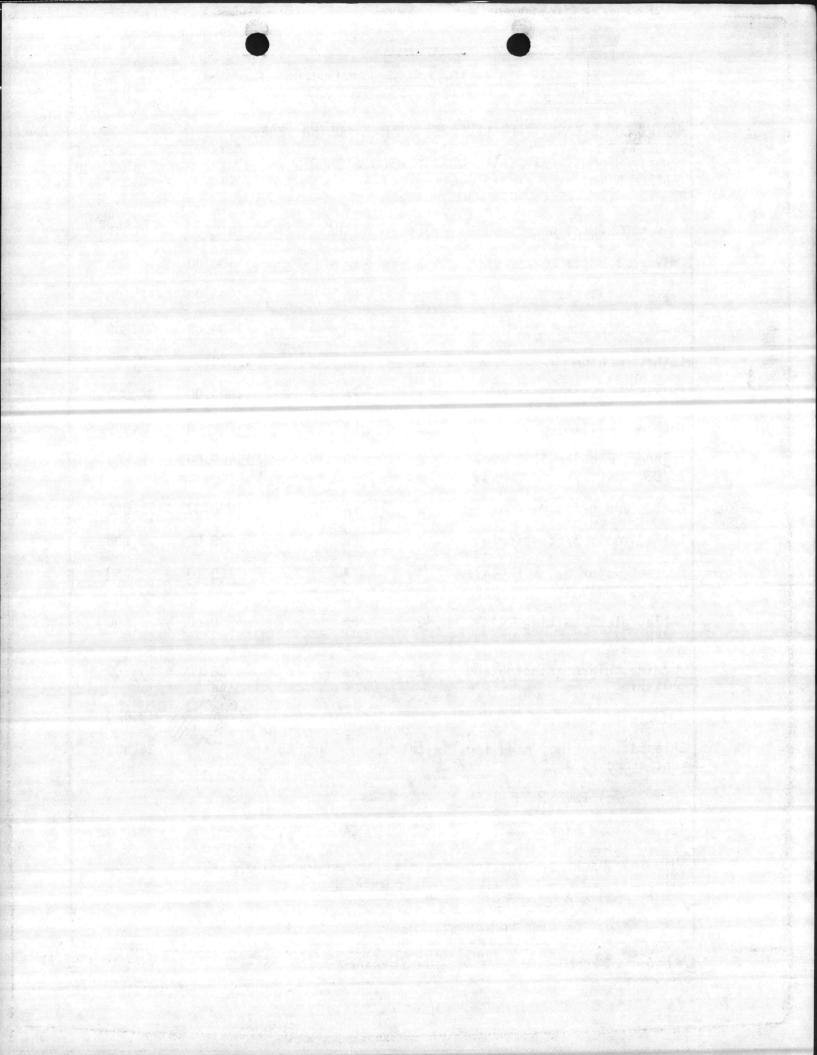
0

۰.

U.S. GOVERNMENT PRINTING OFFICE: 1978-703-173/34312-1



1. COMPONENT NAVY	FY 19_87_MILITA	RY CON		PROJECT DATA	2. DATE
3. INSTALLATION A					A States
MARINE CORPS	BASE, CAMP LEJEU	NE, NOR	TH CAROLINA	L. J. C. Start and and the bart of	ECT NUMBER
COMBAT/AUTOMO (INCREMENT 3)	TIVE/TRACK FIELD	MAINTE	NANCE SHOP		P-804
DESCRI	PTION	QTY	UNIT OF	UNIT PRICE	TOTAL COST
Universal met	al worker	1	EA	\$ 600.00	\$ 600
Brake, metal	box	2	EA	900.00	1,800
Brake, power,	metal, H.D.	2	EA	900.00	1,800
Lathe, machir	e	8	EA	1,500.00	12,000
Shaper, metal		2	EA	2,000.00	4,000
Machine, mill	ing	3	EA	800.00	2,400
Grinder, mach AC/DC	nine, 1.5 amp,	2	EA	1,400.00	2,800
Cutter and gr	inder, tool	1	EA	800.00	800
Lathe, tool,	w/accessories	1	EA	2,000.00	2,000
Cabinet, stor cutting tools	age, for glass	1	EA	150.00	150
iable, glass .34"H	cutting, 4'x12'	2	EA	250.00	500
Machine, glas polishing	s grinding and	1	EA	900.00	1,800
TOTAL EXPENSE	ITEMS				243,010
Shipping, pac contingencies	king, handling, - 10%	install	ation charge	es, and	24,300
(c) <u>I</u>	NVESTMENT ITEMS:				
Tester, load	bank	1	EA	5,000.00	5,000
Shipping, pac	king, handling,	install	., & conting	encies - 10%	500
(d) A	PA EQUIPMENT: N	one	-		
(e) 1	RAINING EQUIPMEN	T: Non	e		



1. COMPONENT NAVY	FY 1987_MILITARY	CONSTRUCTION PROJECT D	ATA 1 AUG 198
Section American St	NAND LOCATION PS BASE, CAMP LEJEUNE,	NORTH CAROLINA 28542	
COMBAT/COME (INCREMENT	BAT/TRACK FIELD MAINTE 3)	NANCE SHOP	5. PROJECT NUMBER P-804
(f)	SUMMARY:		an shakiya da
	Expense Cost: Investment Cost:	\$267,810 5,000	
	TOTAL COST:	\$272,810	

(4) <u>Supporting Facilities</u>. Special piling, foundation, collateral equipment, site improvement, pollution abatement, etc. No demolition will be accomplished on this project.

4. <u>Cost Estimate</u>. Area cost factor for Camp Lejeune, NC is 0.95. Cost data derived from the Military Construction Cost Review Guile, FY-82 (DOD 4270.1-CG) to provide for this facility, escalated to FY-83.

5. Justification for Project and for Scope of Project.

a. Justification for Project.

(1) <u>Project</u>. Proposed facilities are required to provide maintenance personnel with adequate and secure facilities to perform maintenance on combat, automotive, and track vehicles.

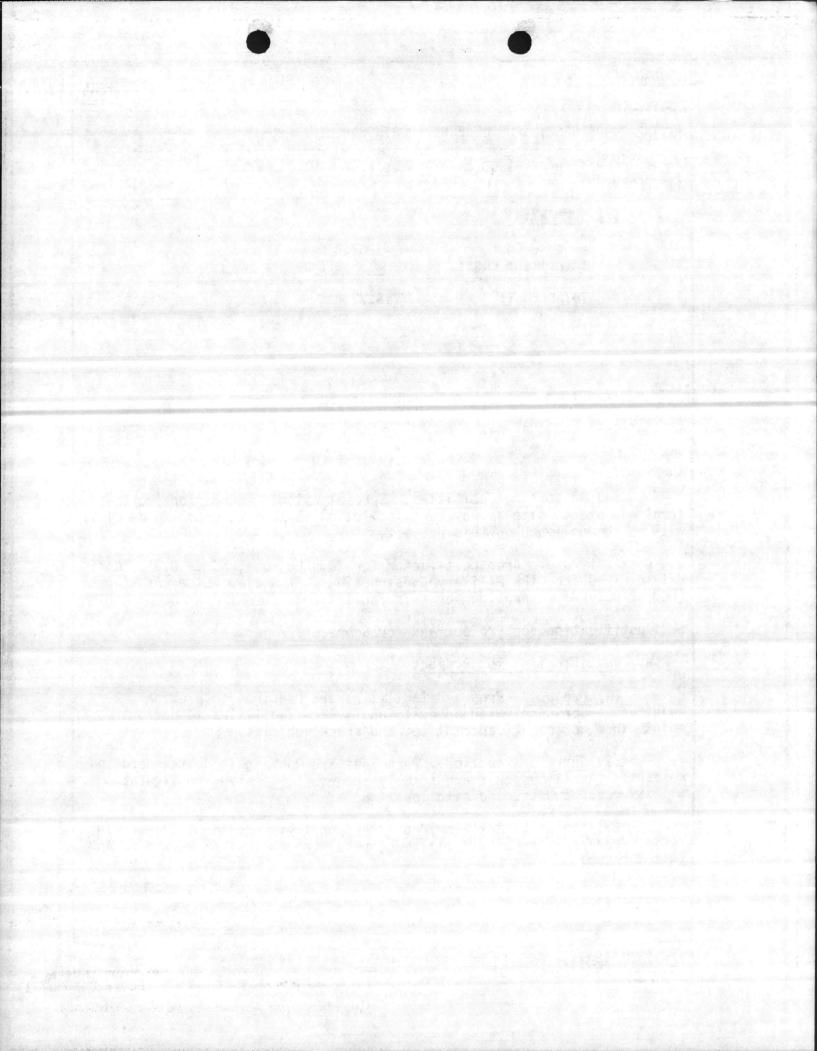
(2) <u>Current Situation</u>. Personnel are working in substandard and makeshift facilities that are totally inadequate in size, configuration, utility requirements, and site location.

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

DD 1 DEC 76 1391C

PAGE NO. 8 OF 11

U.S. GOVERNMENT PRINTING OFFICE: 1978-703-173 34 31 2 1



. COMPONENT			2. 0	DATE
NAVY		NSTRUCTION PROJECT D	ATA 1	AUG 1981
INSTALLATION AN	DLOCATION			
	ASE, CAMP LEJEUNE, NO		and the second	
COMBAT/AUTOMOT (INCREMENT 3)	IVE/TRACK FIELD MAINT	A THE REPORT OF THE PROPERTY O	5. PROJECT I P-	-804
is the minimum for the Combat Maintenance Ba graph 13.	n size facility that c /Automotive/Track Fig attalion of the 2d For	Project. The project can meet the deficiency ald Maintenance Shop ne rce Service Support Gro	require eds of t up. See	ments he para-
6. Equipment	Provided from Other A	Appropriations. Not ap	plicable	•
7. <u>Common Sup</u> support facili	port Facilities. Not ties available in the	t applicable. There are French Creek area.	e no com	mon
operations. N facility. The presentely wor	ar increased O&MMC fu lo additional personne project will enhance king in widely disper	e project will require ands for increased util el will be required to e and improve the moral rsed facilities. Propo ages presented by the e	ity serv operate e of per sed cons	ices and this sonnel truction
operations. N facility. The presentely wor should be resp and comply wit	ar increased O&MMC full lo additional personne e project will enhance king in widely disper consive to the challen th the requirements of mented by NAVFACINST	ands for increased util el will be required to e and improve the moral rsed facilities. Propo nges presented by the e Executive Order 12003 4100.5A.	ity serv operate e of per sed cons nergy si	ices and this sonnel truction tuation
operations. N facility. The presentely wor should be resp and comply wit 1977 and imple	ar increased O&MMC full o additional personne project will enhance king in widely disper consive to the challen th the requirements of mented by NAVFACINST UTILITY	ands for increased util al will be required to and improve the moral rsed facilities. Propo ages presented by the e Executive Order 12003	ity serv operate e of per sed cons nergy si	ices and this sonnel truction tuation
operations. N facility. The presentely wor should be resp and comply wit	ar increased O&MMC full lo additional personne project will enhance king in widely disper onsive to the challen th the requirements of mented by NAVFACINST <u>UTILITY</u> ricity. Consumption: Peak Demand:	ands for increased util el will be required to e and improve the moral rsed facilities. Propo nges presented by the e Executive Order 12003 4100.5A. <u>REQUIREMENTS:</u> <u>3,874,000 KWHR/yr</u> <u>1,218 KW</u>	ity serv operate e of per sed cons nergy si	ices and this sonnel truction tuation
operations. N facility. The presentely wor should be resp and comply wit 1977 and imple	ar increased O&MMC full lo additional personne e project will enhance king in widely disper onsive to the challen th the requirements of mented by NAVFACINST <u>UTILITY</u> ricity. Consumption:	ands for increased util el will be required to e and improve the moral resed facilities. Propo nges presented by the e Executive Order 12003 4100.5A. <u>REQUIREMENTS:</u> <u>3,874,000 KWHR/yr</u>	ity serv operate e of per sed cons nergy si	ices and this sonnel truction tuation
operations. N facility. The presentely wor should be resp and comply wit 1977 and imple	ear increased O&MMC fullo additional personnels project will enhance king in widely disper- bonsive to the challen th the requirements of mented by NAVFACINST <u>UTILITY</u> ricity. Consumption: Peak Demand: Avg. Demand:	ands for increased util el will be required to e and improve the moral rsed facilities. Propo nges presented by the e Executive Order 12003 4100.5A. <u>REQUIREMENTS:</u> <u>3,874,000 KWHR/yr</u> <u>1,218 KW</u>	ity serv operate e of per sed cons nergy si	ices and this sonnel truction tuation
operations. N facility. The presentely wor should be resp and comply wit 1977 and imple a. <u>Electr</u>	ear increased O&MMC fullo additional personnels project will enhance king in widely disper- bonsive to the challen th the requirements of mented by NAVFACINST <u>UTILITY</u> ricity. Consumption: Peak Demand: Avg. Demand:	ands for increased util el will be required to e and improve the moral rsed facilities. Propo nges presented by the e Executive Order 12003 4100.5A. <u>REQUIREMENTS:</u> <u>3,874,000 KWHR/yr</u> <u>1,218 KW</u>	ity serv operate e of per sed cons nergy si	ices and this sonnel truction tuation
operations. N facility. The presentely wor should be resp and comply wit 1977 and imple a. <u>Electr</u>	ar increased O&MMC fullo additional personnel project will enhance king in widely disper onsive to the challen th the requirements of mented by NAVFACINST <u>UTILITY</u> ricity. Consumption: Peak Demand: Avg. Demand:	ands for increased util         and improve the moral         rsed facilities. Propo         4100.5A. <u>REQUIREMENTS:</u> <u>3,874,000</u> KWHR/yr         1,218         KW         -         KW         15,372,500         1bs/yr	ity serv operate e of per sed cons nergy si	ices and this sonnel truction tuation
operations. N facility. The presentely wor should be resp and comply wit 1977 and imple a. <u>Electr</u> b. <u>Steam</u> . c. <u>Coal</u> .	ear increased O&MMC full lo additional personne e project will enhance whing in widely disper bonsive to the challen th the requirements of mented by NAVFACINST <u>UTILITY</u> ricity. Consumption: Peak Demand: Avg. Demand: Demand:	ands for increased util         el will be required to         e and improve the moral         rsed facilities. Propo         oges presented by the e         Executive Order 12003         4100.5A.         Y         REQUIREMENTS:         3,874,000         KW         -         KW         15,372,500         1bs/yr	ity serv operate e of per sed cons nergy si of 20 J	ices and this sonnel truction tuation
operations. N facility. The presentely wor should be resp and comply wit 1977 and imple a. <u>Electr</u> b. <u>Steam</u> . c. <u>Coal</u> . d. Adequa 9. Siting of	ar increased O&MMC full lo additional personne project will enhance king in widely disper bonsive to the challen th the requirements of mented by NAVFACINST <u>UTILITY</u> <u>ricity.</u> Consumption: Peak Demand: Avg. Demand: te utilities will be the Project. This factor	ands for increased util         and improve the moral         rsed facilities. Propo         nges presented by the e         Executive Order 12003         4100.5A. <u>REQUIREMENTS:</u> 3,874,000         KW        KW        KW        KW        KW        KW        KW	ity serv operate e of per sed cons nergy si of 20 J 85. in the	ices and this sonnel truction tuation uly French

DD 1 DEC 76 1391c

...

----

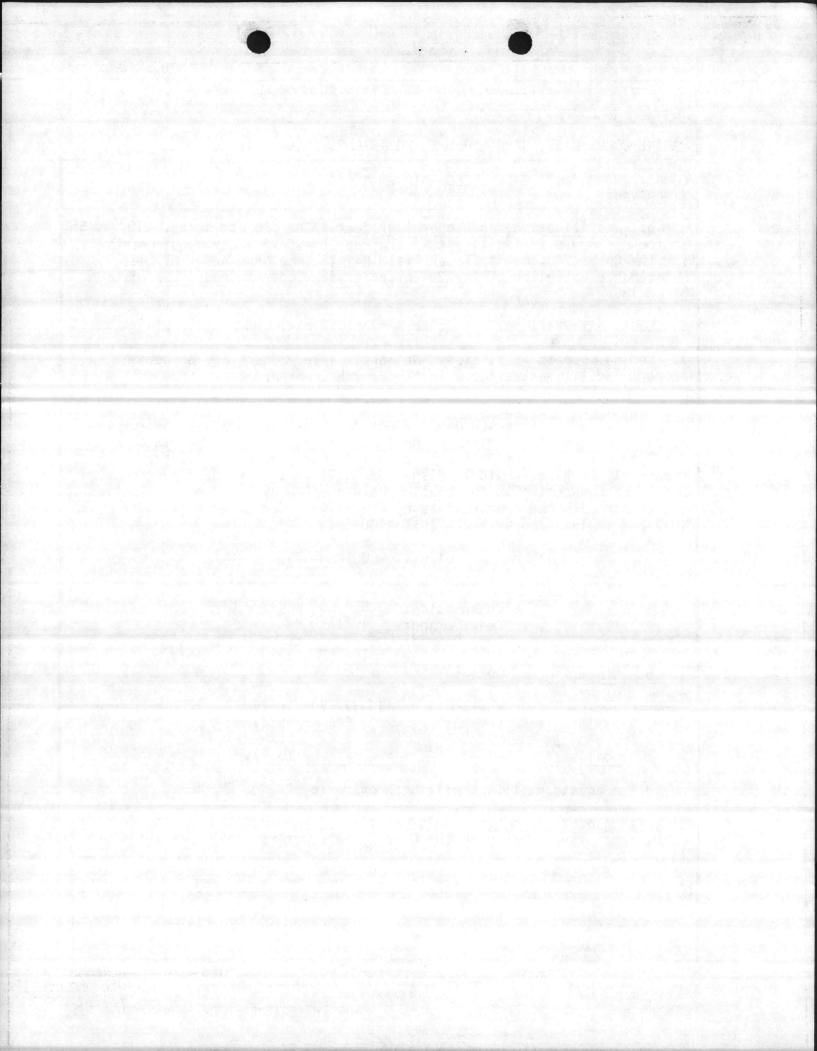
WW 1.2. ....

;

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 9 of 11

:U.S. GOVERNMENT PRINTING OFFICE: 1978-703-173/34312-1



NAVY	FY 1987 MU	ITARY CONSTRUCTION		2. DATE
. INSTALLATION		TANT CONSTRUCTION	PROJECT DATA	1 AUG 1981
MARINE CORPS		EJEUNE, NORTH CAROLIN	IA 28542	
COMBAT/AUTON (INCREMENT 3	OTIVE/TRACK F	IELD MAINTENANCE SHOP	5. PR(	P-804
to be realiz project in s	ed from efficient support of an c	This facility is bein ngs will be in nomina ient operations. Thi operational mission 1 Assessment. An Envi	l energy consum s is a military ocated in this	nption saving operational area.
(EIA) is bei	ng written and	d will be processed to mmental impact is ant	brough the loca	1 EIA Review
13. Quantit	ative Data.			
NAVFAC P-80	states that th	for the French Creek ne requirement for th tive drawings given i	is category cic	le (214-53)
NAVFAC DWG	#	DESCRIPTION	AREA	F
1294489	Combat/Autom	notive/Track Fld Mnt	Shop 220,00	0
1294490		н	53,00	00
1294491			47,50	0
129492			48,00	00
1294493		a.	52,80	0
a second	Vehicle Insp	pection Statement	7,54	0
1294508			Shop 12.76	'n
1294508 1294444	Combat/Autom	notive/Track Fld Mnt	Shop 13,76	.0
	Combat/Autor		TOTAL: 442,60	
1294444	Combat/Autom sting Faciliti		States and the second	
1294444 b. <u>Exi</u>		es: None	States and the second	
1294444 b. <u>Exi</u> c. <u>Pla</u>	sting Faciliti	es: None	States and the second	

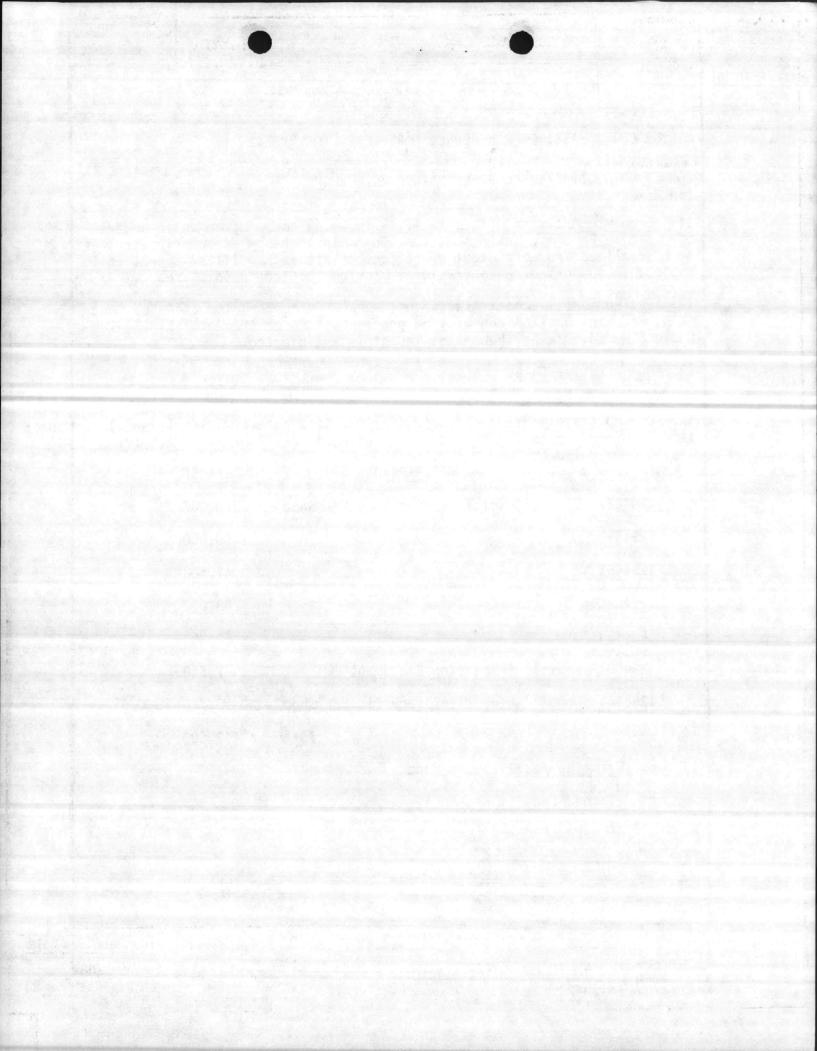
1

- --- . .....

:-

PAGE NO. 10 of 11

U.S. GOVERNMENT PRINTING OFFICE: 1978-703-173/3431 2-1

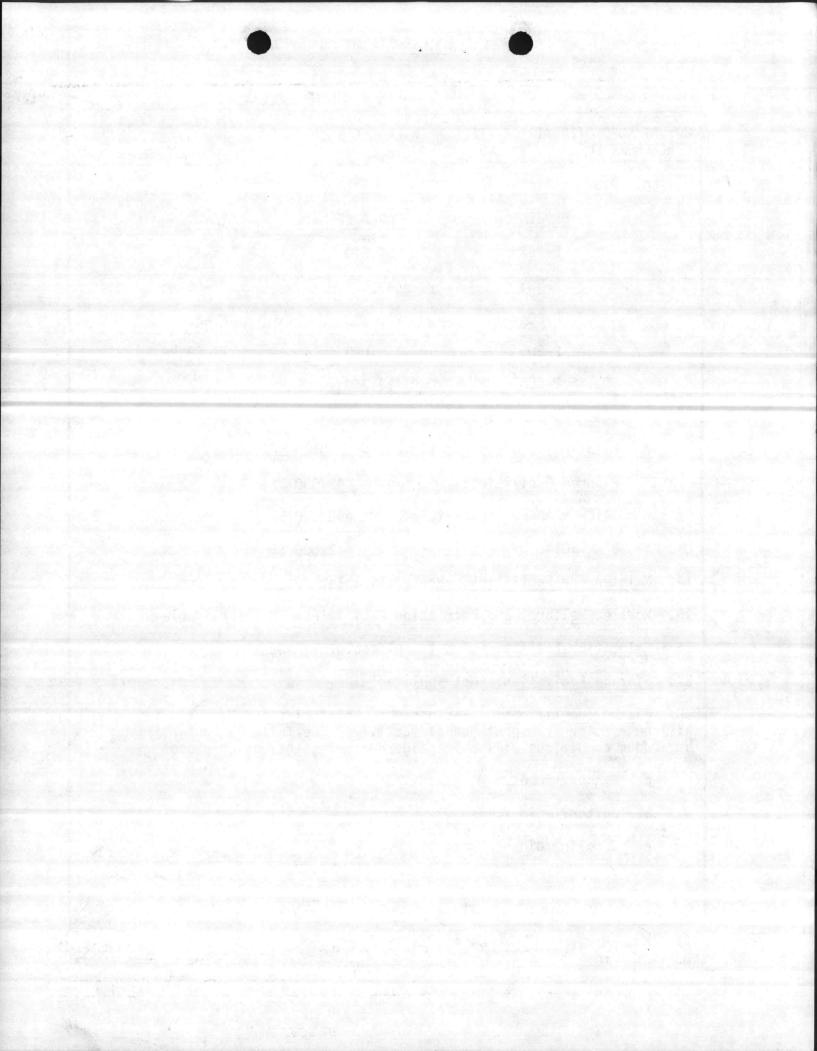


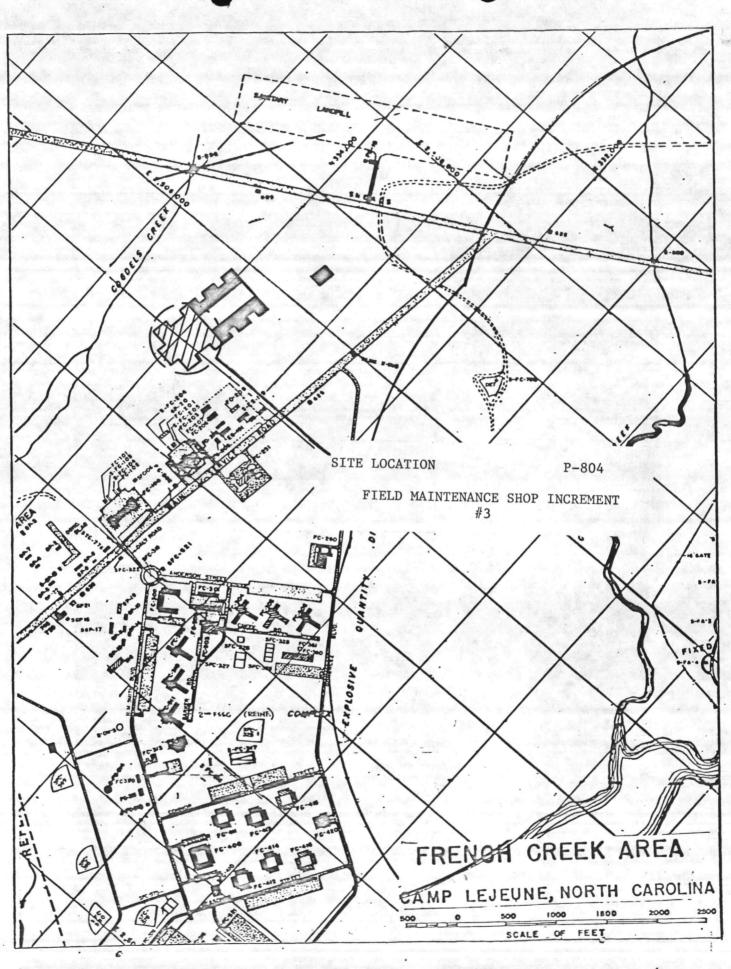
	CORPS BASE, CAMP LEJEUNE	, NORTH CAROLINA 2	28542
COMBAT	AUTOMOTIVE/TRACK FIELD M MENT 3)	AINTENANCE SHOP	5. PROJECT NUMBER
с	. <u>Planned Facilities</u> :		
	PROJECT #	AREA SF	STATUS
	P-257	60,540	FY-85
	P-803	48,000	FY-86
- 23	P-804	210,300	FY-87
	P-805	110,000	FY-88
	P-256	13,760	UP
	SUBTOTAL:	442,600	inder er forskall het det statet steret det er in eine soller Statet
ď	. Existing Adequate Faci	lities: 0 S	F
	Planned Facilities:	442,600 S	F
	TOTAL PLANNED FACILITI	ES: 442,600 S	F
	BFRL TOTAL:	442,600 S	F
14. <u>M</u>	aintenance Facilities: No	ot applicable.	
15. <u>M</u>	orale, Welfare, and Recra	ation Facilities:	Not applicable.
16. <u>R</u>	elocation Facilities: NJ	t applicable.	
17. <u>s</u>	torage Facilities: Not a	pplicable.	
will b	azard Identification, Asso e a Motor Transport Schoo ous conditions will be con	1 facility. The fo	llowing potential
a	. Exhaust fumes.		
b	. Battery acid fumes.		
с	. Gasoline/diesel fumes.		

S/N 0102-LF-001-3915

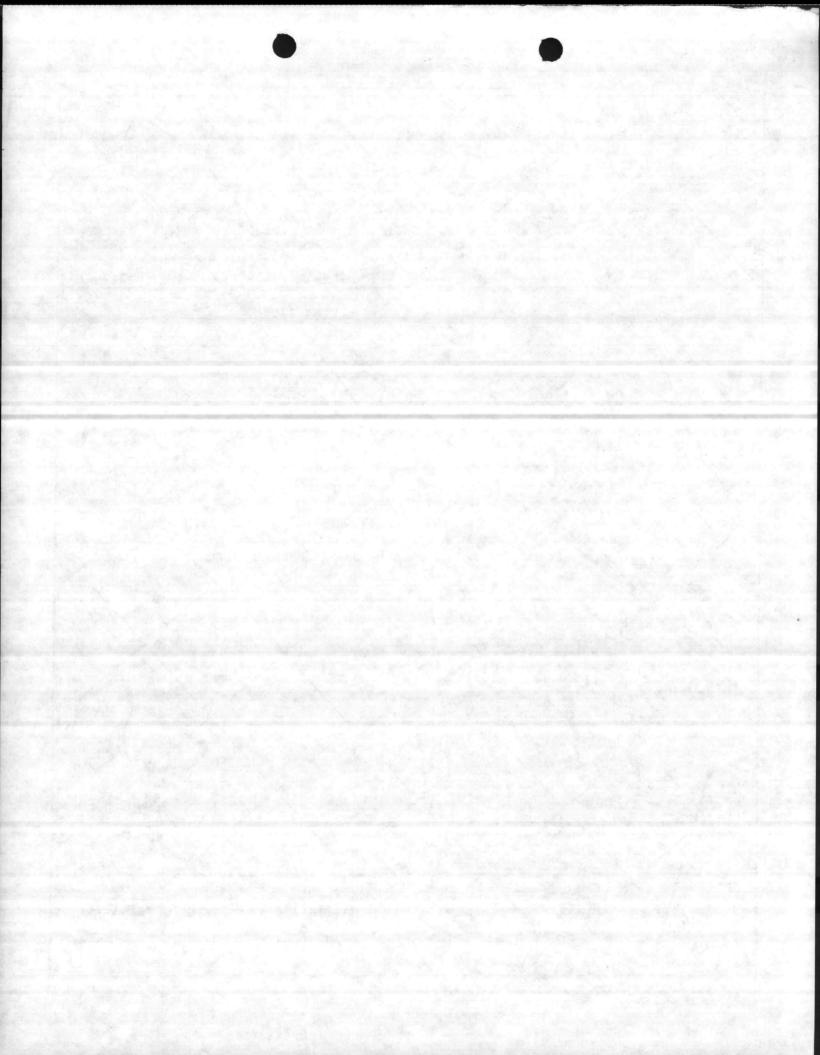
I

: U.S. GOVERNMENT PRINTING OFFICE: 1978-703-173/3431 2-1





ENCLOSURE (1)



PwO:408:BJD:mkt 11000 1 7 AUG 1983

0-804

From: Commanding General To: Commandant of the Marine Corps (Code LFF-1)

Subj: FY 86-90 Military Construction (MCON) Program for Marine Corps Base, Camp Lejeune, NC

- Ref: (a) CMC 161429Z MAR 83
  - (b) Visit to MCB, CLNC by Mr. A. J. RECACHINAS (Code LFF-1, HQMC) on 3 Aug 1983

# Encl: (1) DD Form 1391's (with revised Facilities Studies, as required) for FY-86 and FY-87 MCON Program dtd 1 Aug 1983

- (2) DD Form 1391's with Facility Studies and Requests for Site Approval w/Site Location Maps for FY-86 Project P-631, UEPH for LAV Bn; and FY-88 Project P-828, FMSS Facility, dtd 1 Aug 83
- (3) Revised NAVMC Form 10956 for FY 86-90 MCON Program dtd 1 Aug 83

1. Reference (a) requested submission of project documentation for the subject Program. During reference (b), the due date was extended to 15 August 1983. Accordingly, DD Form 1391's (with revised Facility Studies, as required) for FY-86 and FY-87 projects are submitted herein as enclosure (1). Further, DD Form 1391's and Facility Studies for all projects not previously in the Five-year MCON Program are submitted as enclosure (2).

2. There are two new projects included in enclosure (2):

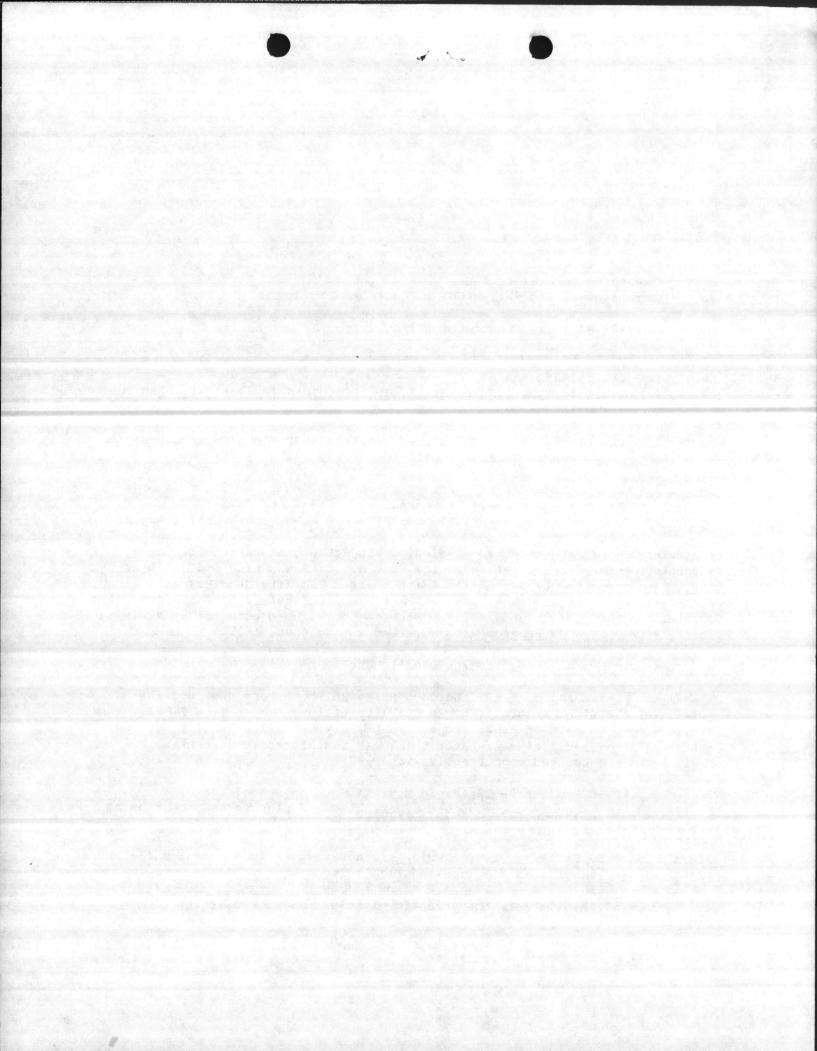
a. FY-86 Project P-631, Unaccompanied Enlisted Personnel Housing (UEPH) for the Light Armored Vehicle (LAV) Battalion. These UEPH facilities are in direct support of FY-86 Project P-806, LAV Battalion Facilities. No other billeting facilities are available. It is imperative that these barracks be constructed concurrently with P-806.

b. FY-88 Project P-828, Field Medical Service School (FMSS) Facilities, is programmed in support of existing and planned FMSS courses at Montford Point.

All FY 86-90 Facility Studies which are not revised in enclosures (1) and
 (2) herein are considered adequate and require no changes.

4. By copy of this letter, the Atlantic Division, Naval Facilities

1-4 408



una. X. u.



PW0:468:835:84t 11000

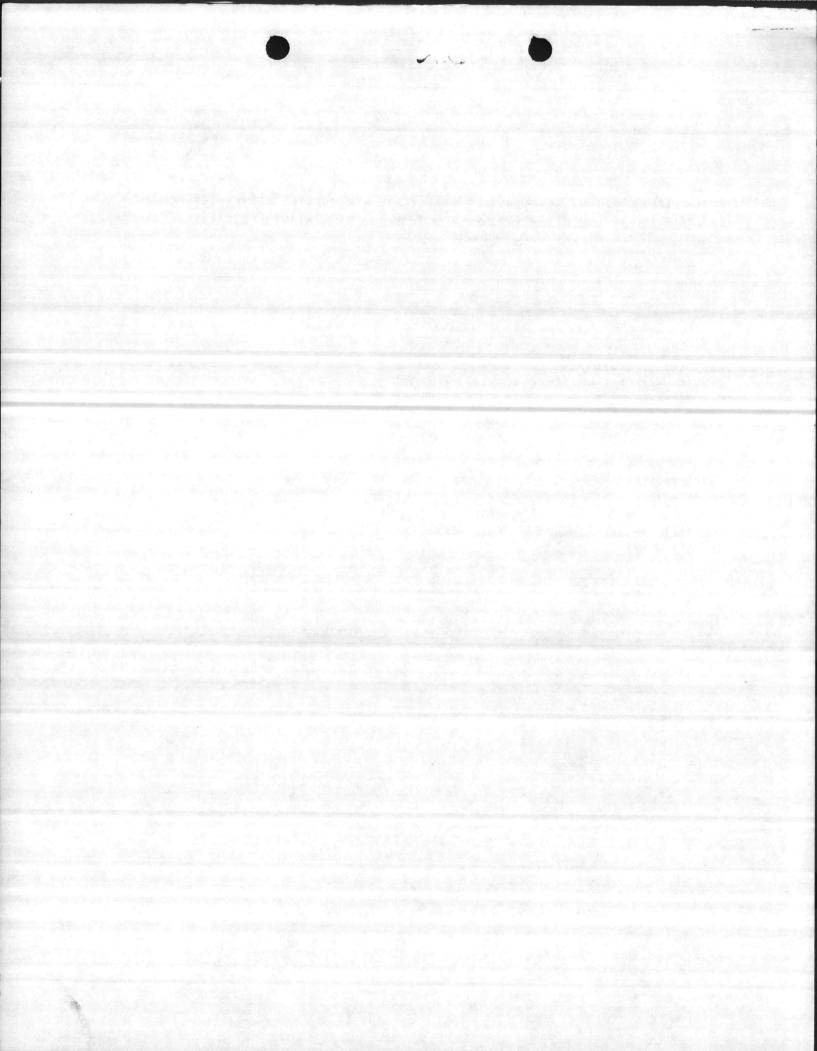
Engineering Commano, is requested to cortify the cost of all FY-56 and FY-87 projects (enclosure 1) to the Commander, maval Facilities Engineering Command.

2

M. G. LILLEY

Copy to: (v/encla) Commanymaceneccai (Code 09A2183) CG, 26 MARDIV CG, 26 FESS

Sline copy to: CO PASS (w/Project P-828 only) Areston, HCSSS (w/Project P-828 only BHD (w/encls) PAC (w/encls)





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

> FAC:ACA:mkc 11013 10 AUG 1981

IN REPLY REFER TO

From:	Commanding	General						
To:	Commandant	of	the	Marine	Corps	(Code	LFF-1)	

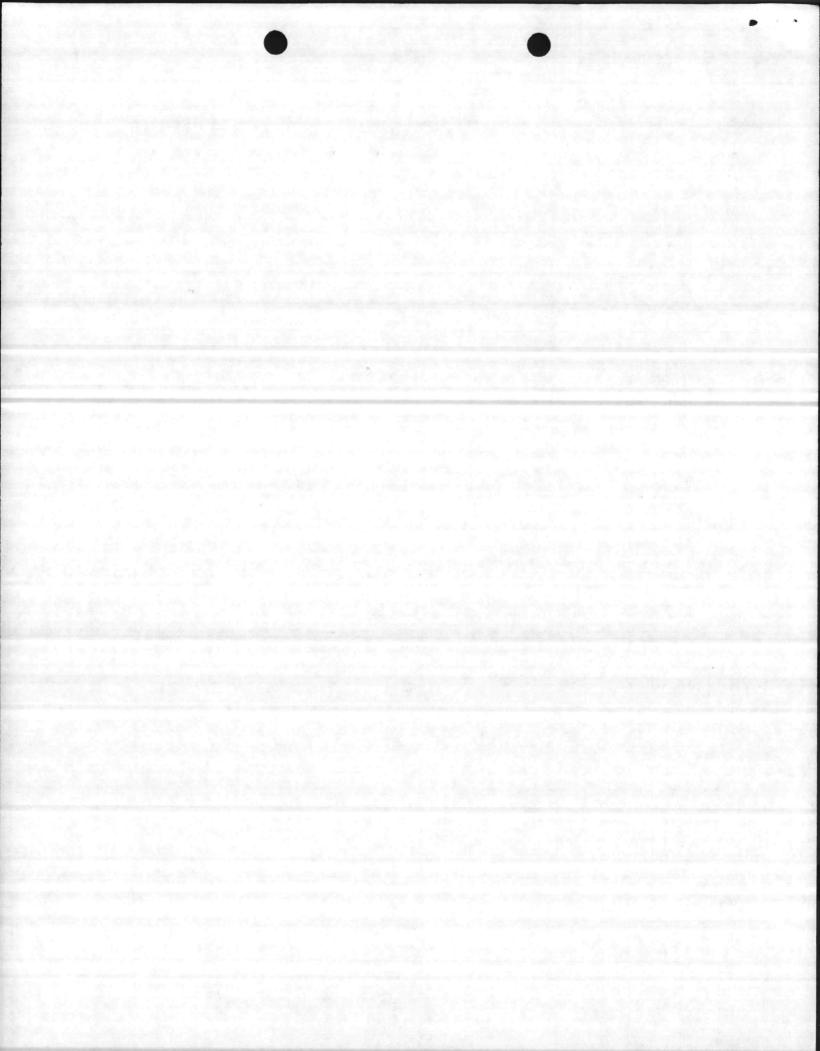
- Subj: Military Construction Program for Marine Corps Base, Camp Lejeune, North Carolina, FY-84 through FY-88; submission of
- Ref: (a) CMC ltr LFF-1-LAW: jql 11000/CLNC of 25 Feb 1981
  - (b) TelCon Mr. A. Austin, MCB, CamLej w/Mr. Tom Barr, HQMC (LFF-1) of 29 Jul 1981
  - (c) CG MCB 1tr FAC:ACA:mkc P-600 of 14 May 1981
  - (d) CMC ltr LFF-1-JPH: jaq 11011/CLNC of 3 Dec 1980
  - (e) CMC ltr LFF-1-BAR: jql of 19 Jun 1981
  - (f) CMC 171504Z JUL 81
  - (g) CG MCB CLNC 061829Z APR 81

Encl: (1) Comments on the Camp Lejeune FY-84/88 MCON Program

- (2) NAVMC Form 10956, FY-84 through FY-88 MCON Program (5 sheets) of 1 Aug 1981
- (3) FY-84 MCON Program consisting of summary NAVMC Form 10956 and DD Forms 1391 of 1 Aug 1981 (with facility studies and photographs, where applicable)
- (4) FY-85 MCON Program consisting of summary NAVMC Form 10956 and DD Forms 1391 of 1 Aug 1981 (with facility studies and photographs, where applicable)
- (5) FY-86 MCON Program consisting of summary NAVMC Form 10956 and DD Form 1391 of 1 Aug 1981 w/facility studies
- (6) FY-87 MCON Program consisting of summary NAVMC Form 10956 and DD Form 1391 of 1 Aug 1981 w/facility studies
- (7) FY-88 MCON Program consisting of summary NAVMC Form 10956 and DD Form 1391 of 1 Aug 1981 w/facility studies
- (8) NAVMC Forms 11069, Site Approval Request Forms

1. Reference (a) provides detailed guidance and submission dates for various Marine Corps construction programs. Enclosures (1) through (8) provide the requested data for the Camp Lejeune Five-Year Military Construction Program, FY-84 through FY-88. The submission due date was extended to 12 August by reference (b).

2. More specifically, enclosure (1) provides comments concerning new projects or noteworthy changes to old projects. Enclosure (2) provides a summary of all projects for the five-year period FY-84 through FY-88. Enclosures (3) through (7) provide individual projects nominated for a specific fiscal year, beginning in FY-84. Each specific year is preceded with a summary sheet for rapid reference. As directed in reference (a), previously submitted projects are not included herein and are so indicated with an asterisk on the appropriate NAVMC form 10956. However, the DD Forms 1391 for these projects are included for continuity. Enclosure (8) provides site approval request forms for all projects listed in the FY-84 and FY-85 programs.



FAC:ACA:mkc 11013

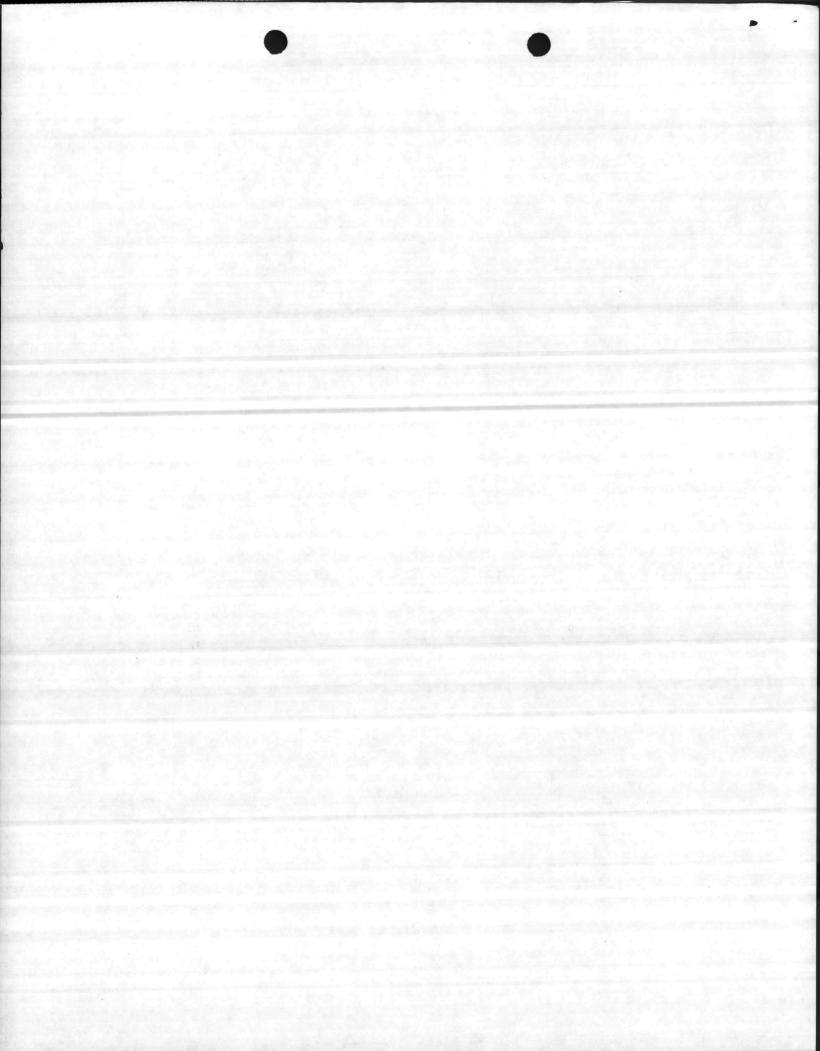
3. Camp Lejeune's Five-Year Program consists of 48 projects, at a total cost of \$232.35 million, with an average annual cost of \$46.47 million. This level of funding is required to meet the goal of satisfying all barracks (UEPH) deficiencies and all combat vehicle maintenance shop deficiencies, both organizational and field levels, by the year 1988. Together, these two items constitute about three-fourths of the Camp Lejeune program, or about 183 million dollars. The remaining portion, \$49 million, satisfies deficiencies for other time-sensitive support items, such as utility projects, instructional facilities, administrative facilities, and . unforeseen requirements to satisfy deficiencies resulting from new missions. Projects to satisfy new missions and changes in the Five-Year Program are discussed in detail in enclosure (1).

Copy to: (w/encl less encl (8)) LANTNAVFACENGCOM (Code 09A21E) CG, 2d MarDiv, FMF CG, 2d FSSG, FMFLant CO, MCSSS

Blind copy to: BMO PGO DUPH



C. G. COOPER



#### COMMENTS, CAMP LEJEUNE FY-84/88 MILITARY CONSTRUCTION PROGRAM

### Early Submissions

1. As requested by reference (a), Projects P-786, Cold Storage Plant, and P-065, Gymnasium, French Creek, were submitted on 2 June 1981.

## FY-84

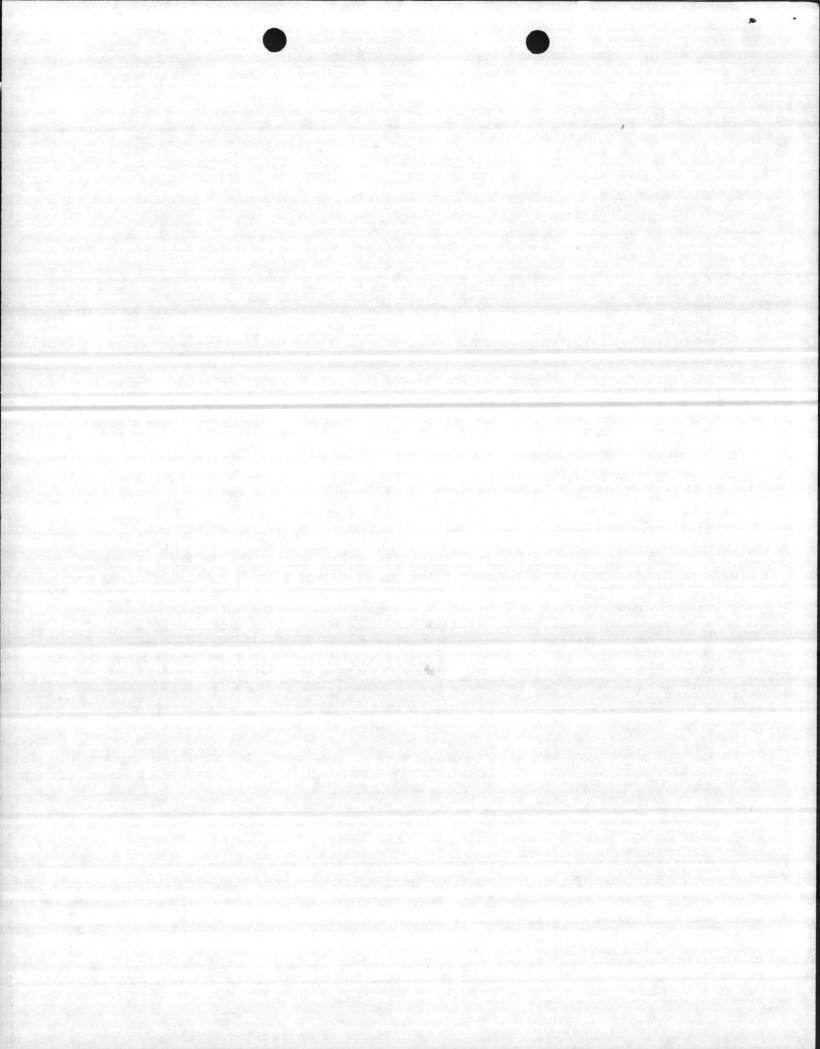
1. The first year (FY-84) of the Five-Year Program is laden with new or urgent requirements for utility support, new initiatives, or new missions. They are:

a. <u>P-784, Utility Expansion, Courthouse Bay</u>. This project has been authorized for early design and possible FY-83 funding. It is listed in the FY-84 funding program for continuity and because FY-83 funding has not been finalized.

b. <u>P-785</u>, Water Treatment Facilities Improvements, Hadnot Point, <u>Tarawa Terrace, and Montford Point</u>. P-785 has been authorized for design and is proposed for FY-84 funding. This project was submitted in 1980, but is resubmitted here to cover necessary scope increases to expand the Hadnot Point well field to replenish deminishing water supplies and the addition of a trunk main to connect the two water treatment plants in the Hadnot Point area.

c. <u>P-802, Convert Old Hospital to Division Headquarters</u>. Barring unforeseen delays, the new 205-bed hospital will be completed in June 1982. Patient care functions will be transferred by May 1983. Building H-1, the main hospital, and Building H-17, a warehouse, will be available to the Marine Corps in November 1983. A LANTNAVFACENGCOM-sponsored contract will demolish several outlying buildings at that time. P-802 proposes space for a Division Headquarters, a consolidated disbursing office, and accommodations for other task organized functions, with billeting and messing for approximately 150 enlisted personnel who will live and work in Building H-1. This project is essential for occupancy of the building for these purposes. Proposed space/ building retention plans are discussed in detail in reference (a). The proposals remain valid in P-802 with one exception. P-802 provides for the retention of the back center wing of Building H-1, which contains the dining facility.

d. <u>P-628, UEPHs, Montford Point</u>. New missions for Montford Point include: Movement of the Personnel Administration School from Parris Island to Camp Lejeune; Consolidated Motor Vehicle Operators School (located temporarily at Camp Geiger); and concurrent Motor Vehicle Mechanics Schools. These new missions are reflected in references (d) and (e). The addition of the Personnel Administration School, which is scheduled to begin in November 1982, will reduce existing billeting space at Montford Point down to 72 square feet per man. If P-628 is approved for FY-84 funding, and allowing 24 months for construction, new billeting space will not be available until January 1986. The next approved new mission for Camp Lejeune is the Consolidated Driver Training School, now to occupy facilities in a maintenance-only holding pattern at Camp Geiger, but scheduled for Montford Point when new facilities become available. Any delay



in approval of P-628 will seriously affect the ability to carry out these new missions.

e. P-808, Occupational Field 35 (OF 35) Mechanics School, Increment I. Beginning in FY-82, the existing 'M' series of Marine Corps motor transport vehicles will be replaced with a new suite of vehicles, which is an additional new mission for Montford Point. The phase-in/phase-out period will last through 1986. Trained mechanics will be required for both series of vehicles throughout the transition period, or until such time as the old series is completely phased out from the FMF. An exigent minor construction project has been submitted to HQMC to satisfy the initial receipt of new vehicles. That project provides for the erection of seven relocatable buildings to serve until permanent facilities can be provided. They are expected to be completed in October 1982. A series of three MCON projects for permanent facilities is programmed for FY-84, FY-85 and FY-86. The permanent facilities will satisfy deficiencies for all instructional facilities for the new suite of vehicles, including those being taught in the relocatable buildings, provided by the exigent project. The makeshift World War II facilities now being used will be demolished when the old 'M' series vehicles are phased out.

f. <u>P-806</u>, Light Armored Vehicle (LAV) Shop. Reference (f) announced the assignment of a new battalion scheduled for Camp Lejeune in 1985. P-806 is inserted in the FY-84 program, without scope or definition, as a matter of priority only since facilities do not exist for this mission. Project scope will be defined as information becomes available.

2. The remaining projects listed in the proposed FY-84 program are consistent with the approved HQMC program.

3. A collateral equipment list for portable items (nonconstruction) for P-802, Convert Hospital to Division Headquarters, and P-808, OF 35 Mechanics School, will be provided by separate correspondence. Build-in items that involve construction cost estimates are shown in all projects.

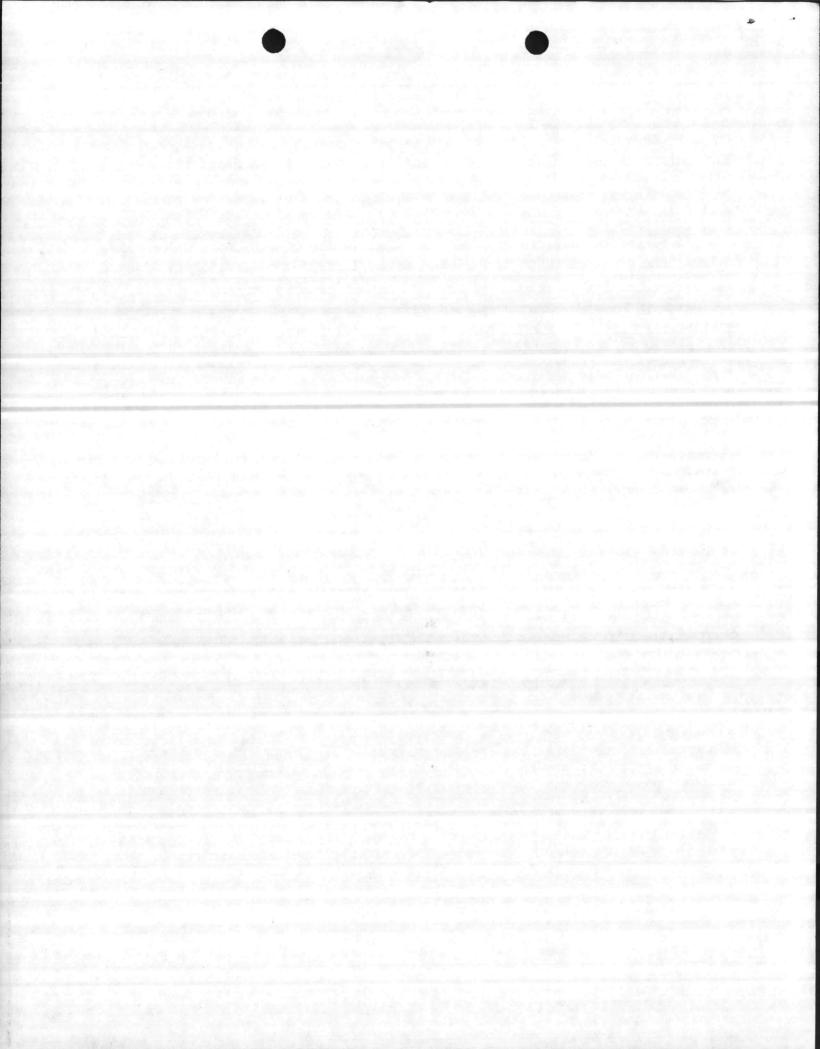
### FY-35

1. The proposed FY-85 program contains three new projects, they are:

a. <u>P-257, Field Maintenance Facility, Increment I</u>. This project consist of new maintenance facilities for 2d Maintenance Battalion, 2d Force Service Support Group to perform regional 3d and 4th echelon maintenance on FMF equipment for the 2d Marine Division, 2d Force Service Support Group, and 2d Marine Aircraft Wing. Operations are now being performed in permanent warehouse facilities and other substandard makeshift facilities. The orginal definitive drawings for this facility, depicted in NAVFAC P-272, Part IV, call for one large (11 acre) building. Conforming to realistic annual funding levels, the field maintenance facility is broken down into four increments; P-257 for FY-85,

2

Enclosure (1)



P-803 for FY-86, P-804 for FY-87, and P-805 for FY-88. However, equipment flow patterns must have continuity for maximum operational efficiency. Accordingly, it is recommended that the PED or 35% design be accomplished for all four projects at the initial state in P-257. In addition to satisfying requirements for badly needed maintenance facilities, new facilities resulting from these four projects will liberate over a quarter of a million square feet of badly needed warehouse space. Reference (g) discusses warehouse storage problems at Camp Lejeune in detail.

b. <u>P-790, Sewage System Improvements, Hadnot Point</u>. Construction resulting from this project will satisfy requirements for additional sewer plant influent enhanced by an ongoing 7.7 million dollar pollution abatement project, P-996, to contain run-off at all wash and grease stations at Camp Lejeune.

c. P-809, OF 35 Mechanics School, Increment II. This is the 2d increment of the Mechanics School discussed in P-808, FY-84, above.

2. The remaining projects proposed for the FY-85 program are UEPH's, shops and admin facilities, and are in consonance with previously reviewed programs.

### FY-86

1. New projects proposed for FY-86 are:

a. <u>P-803, Field Maintenance Shop, Increment II.</u> A continuation of P-257, discussed in FY-85, above.

b. <u>P-810, OF 35 Mechanics School, Increment III</u>. A continuation of P-808, discussed in FY-84 above.

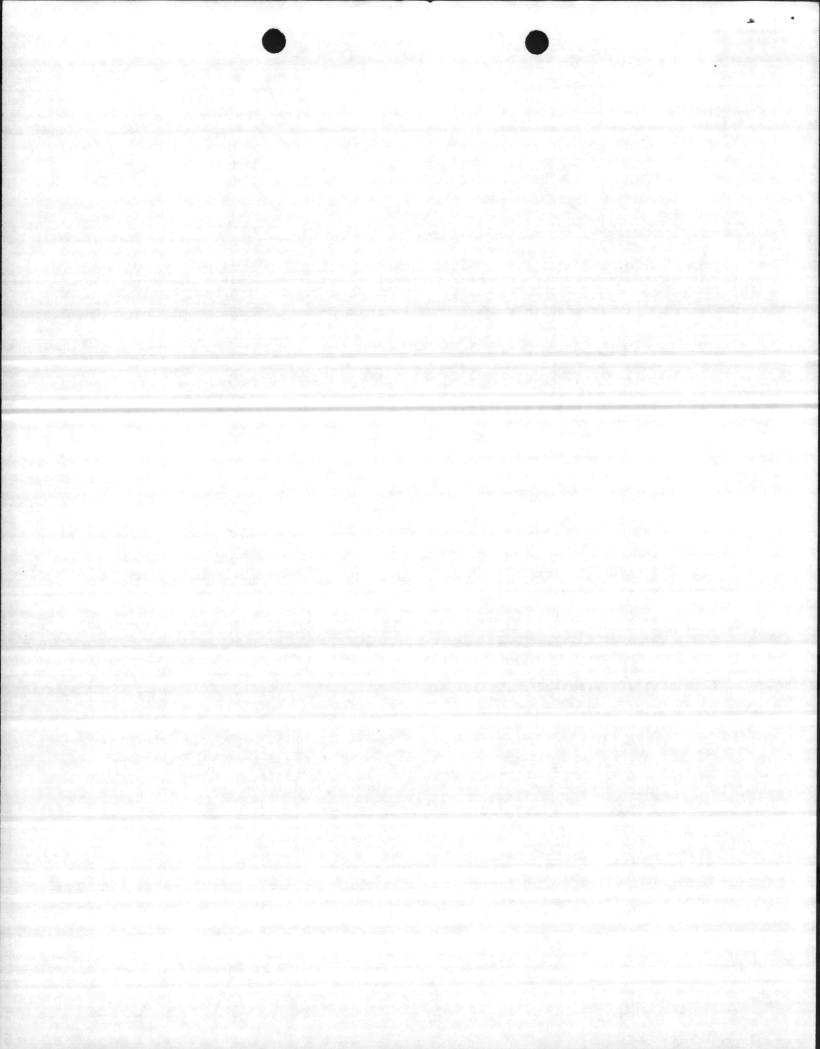
2. The remaining projects are in consonance with previously reviewed programs.

### FY- 37

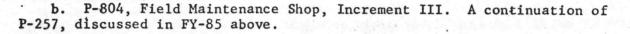
1. New projects proposed for FY-87 are:

a. <u>P-807, OF 35 Driver Training School</u>. An East Coast Motor Vehicle Operators Course (Consolidated Field Skills Training) will begin, temporarily, in the Camp Geiger area in FY-82. Ultimately, when new, permanent facilities become available at Montford Point (FY-87), the school will be collocated with the other MCSSS schools at Montford Point. The initial school will open at Camp Geiger in May 1982 in old facilities vacated by 2d Radio Battalion. This will include barracks, messing, administrative and instructional facilities. Construction/conversion will not be required and only minimal maintenance and repair will be performed on the existing facilities. New construction for shop and instructional facilities are programmed for Montford Point in the FY-87 Military Construction Program to satisfy long-range requirements with permanent facilities. This new mission is also reflected in the amendment to the Facilities Support Requirements document of reference (e).

Enclosure (1)



•



2. The remaining projects proposed for FY-87 are in consonance with previously reviewed programs.

### FY-88

1. New projects proposed for FY-88 are:

a. <u>P-805, Field Maintenance Shop, Increment IV</u>. This project concludes a series of four projects for 2d Maintenance Battalion, initiated in P-257, FY-85, above.

2. The remaining projects proposed for FY-88 are in consonance with previously reviewed programs.

4'

