2. DATE 1. COMPONENT FY 19 89 MILITARY CONSTRUCTION PROJECT DATA MARINE CORPS 1 July 1985 3. INSTALLATION AND LOCATION 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MARINE CORPS BASE MAINTENANCE SHOP (INCREMENT 3) CAMP LEJEUNE, NORTH CAROLINA 28542 8. PROJECT COST (\$000) 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER P-804 30,500 214-53

ITEM	U/М	QUANTITY	UNIT	(\$000)
FIELD MAINTENANCE SHOP	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	(10, 164)
Built-In Equipment	LS	-		(3,312)
SUPPORTING FACILITIES	LS	_	100	2,142
Water, Stm, Sewer, Fire Alarm/Telephone,		A 35		
Site Improvement	LS	-		(2,142)
SUBTOTAL	LS			27,533
CONTINGENCY - 5%	LS	-	200	1,377
ESTIMATED CONTRACT COST	LS	- 55		28,910
SUPERVISION, INSPECTION, & OVERHEAD - 5.5%	LS	- 3	4 8 9	1,590
TOTAL REQUEST (ROUNDED)	LS	- A -		30,500
INSTALLED EQUIPMENT - OTHER APPROPRIATIONS	-	-		
	-			
			- 10 B	
	ma 4 72			

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

TOMPONENT

MARINE CORPS

FY 19 89 MILITARY CONSTRUCTION PROJECT DATA

1 July 1985

3. INSTALLATION AND LOCATION

MARINE CORPS BASE

CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP

2. DATE

1 July 1985

5. PROJECT NUMBER

P-804

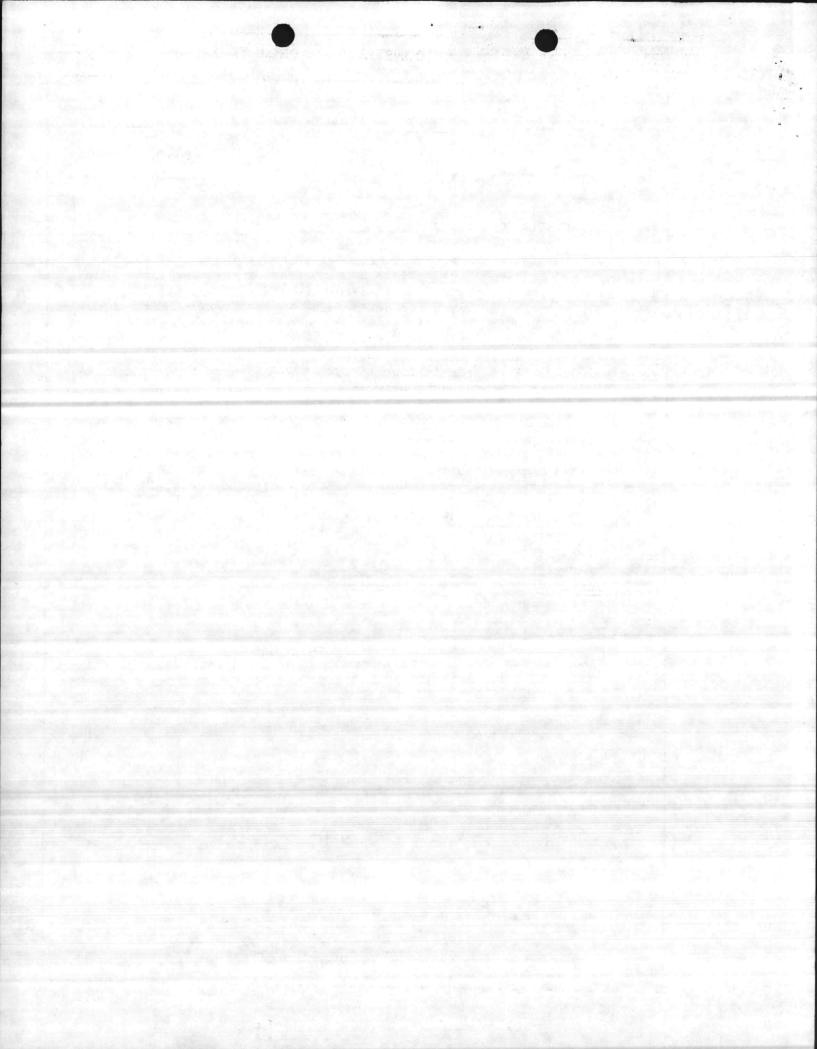
11. REQUIREMENTS (Continued)

(INCREMENT 3)

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.



1. COMPONENT
MARINE CORPS FY 1989 MILITARY CONSTRUCTION PROJECT DATA 1 July 1985

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

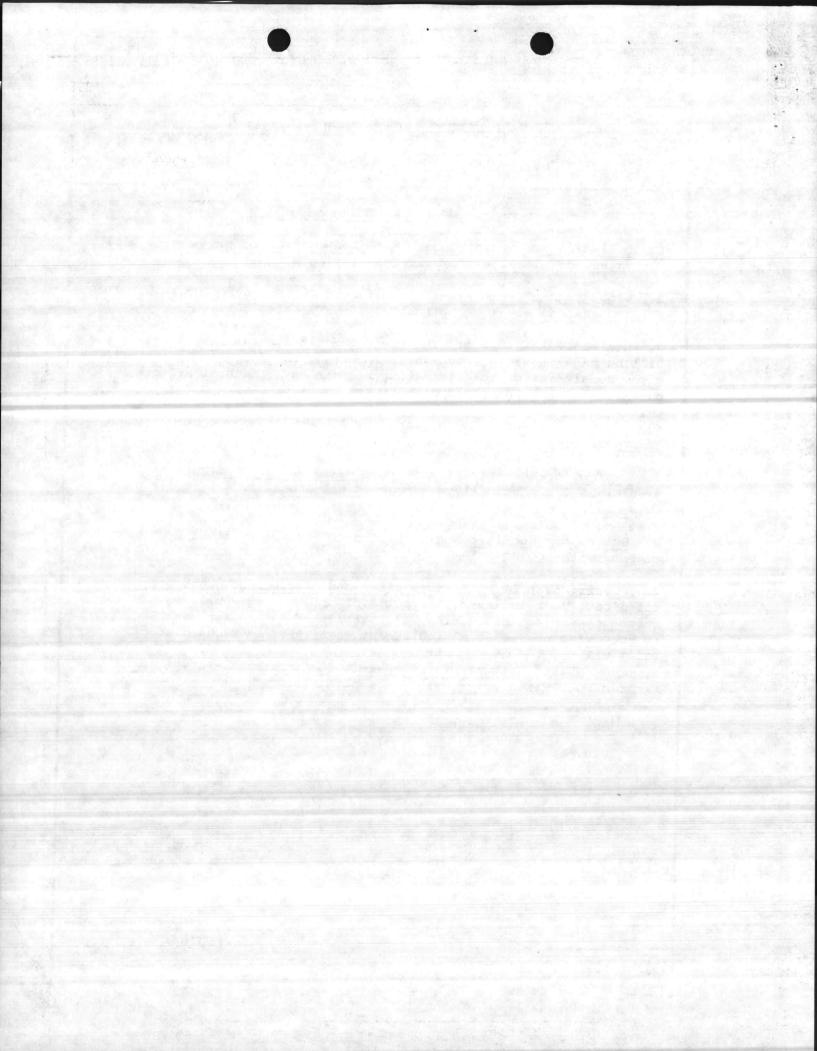
5. PROJECT NUMBER

P-804

FIELD MAINTENANCE COMPLEX (INCREMENT #3)

SPECIAL CONSIDERATIONS

- 1. Pollution Prevention, Abatement, and Control: This project will not cause additional air or water pollution.
- Flood Hazard Evaluation: Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.
- 3. Environmental Impact: The project Environmental Impact Assessment will be made, reviewed, and where required, the design concepts will be given consideration to eliminating adverse environmental effects consistent with applicable directives.
- 4. Fallout Shelter Construction: Fallout shelter protection is not incorporated in this project.
- 5. Design for Accessibility of Physically Handicapped Personnel: Provisions for physically handicapped personnel are not required in this project.
- 6. Use of Air Conditioning: Ceiling "U" factors will be made to conform with DOD 4270.1-M.
- 7. Preservation of Historical Sites and Structures: This project does not directly or indirectly affect a district, site, building, structure, object or setting which is listed in the National Register or otherwise possesses a significant quality of American history.
- 8. "New Start" Criteria for Commercial or Industrial Activities
 Program (OMB Circular A-76): Not applicable.



1. COMPONENT MARINE CORPS

FY 19_89 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

1 July 1985

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

FIELD MAINTENANCE COMPLEX (INCREMENT #3)

P-804

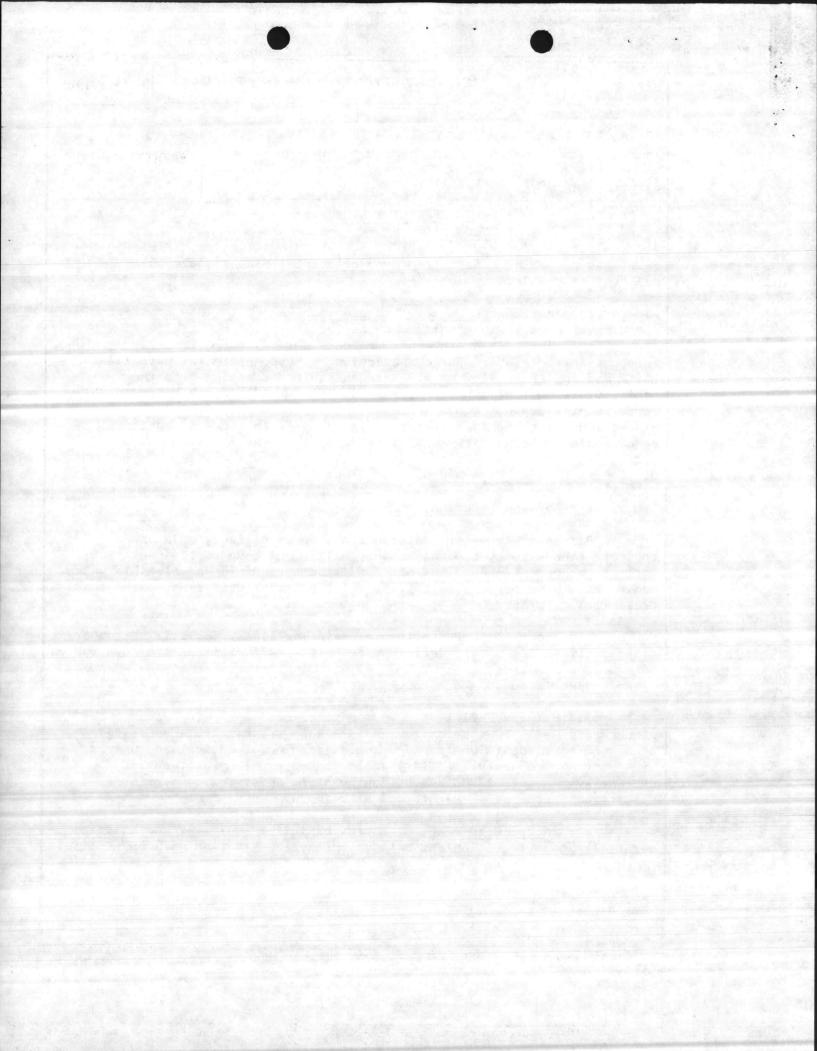
5. PROJECT NUMBER

FACILITY STUDY

- 1. Project: Provide 210,300 SF of Combat/Automotive/Track Field Maintenance Shop area as Increment 3 of a total planned 442,600 SF maintenance complex.
- 2. Current and Planned Future Workload with Regard to This Project: 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.
- 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. Replacement: Not applicable; existing facilities will be temporarily utilized to satisfy deficiencies until new facilities are constructed.
 - c. Description of Work to be Done:
- (1) Primary Facility: Modular reinforced concrete/masonry structure on pile foundation, 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, 6V, 12V & 24V DC Engine start up system. utility connections, pavements and site improvements.
- (2) Energy Conservation: Energy efficient equipment and building materials and orientation for maximum energy conservation will be utilized.



1. COMPONENT

MARINE CORPS

FY 19 89 MILITARY CONSTRUCTION PROJECT DATA

1 July 1985

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

FIELD MAINTENANCE COMPLEX (INCREMENT #3)

5. PROJECT NUMBER

P-804

(3) Collateral Equipment:

(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)

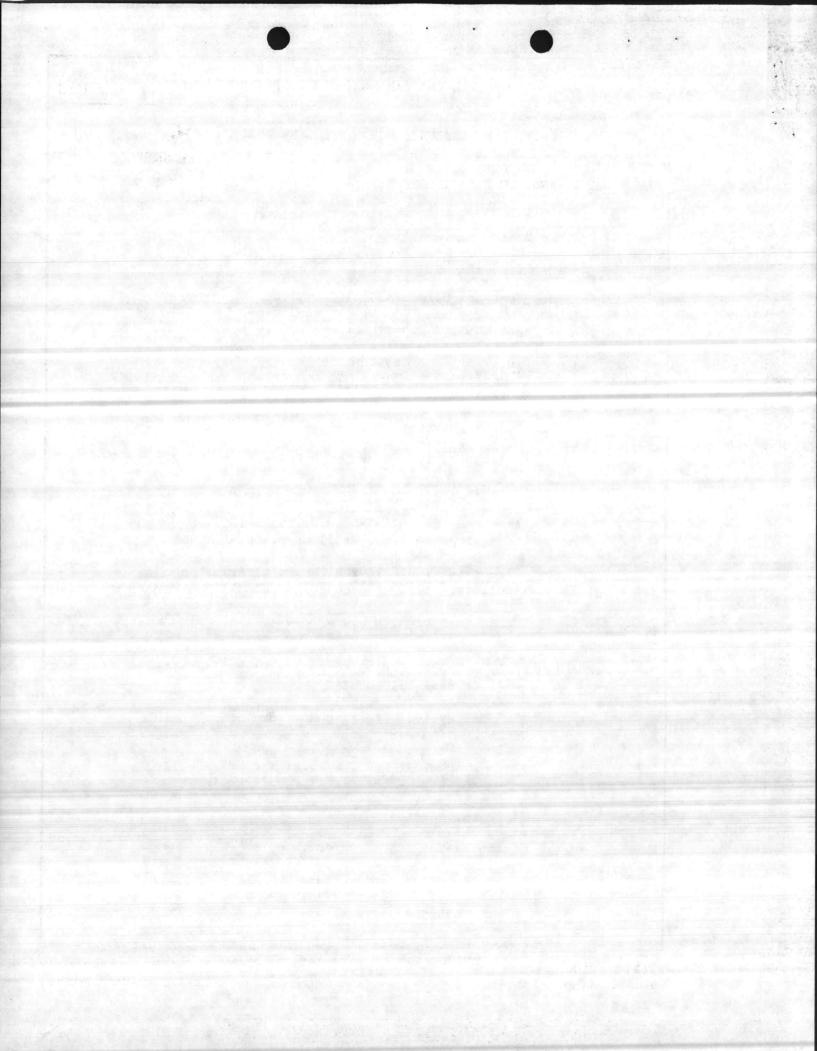
*Pass window, 4' wide, w/counter & "B" label roll down shutter, w/fusible link, if required

*1-ton overhead bridgecrane

*5-ton overhead bridgecrane

*10-ton overhead bridgecrane

*15-ton overhead bridgecrane



2. DATE 1. COMPONENT FY 19 89 MILITARY CONSTRUCTION PROJECT DATA 1 July 1985 MARINE CORPS 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 5. PROJECT NUMBER 4. PROJECT TITLE FIELD MAINTENANCE COMPLEX (INCREMENT #3) P-804

(3) Collateral Equipment: (Continued)

*20-ton overhead bridgecrane

*75-ton overhead bridgecrane

*Paint spray booths

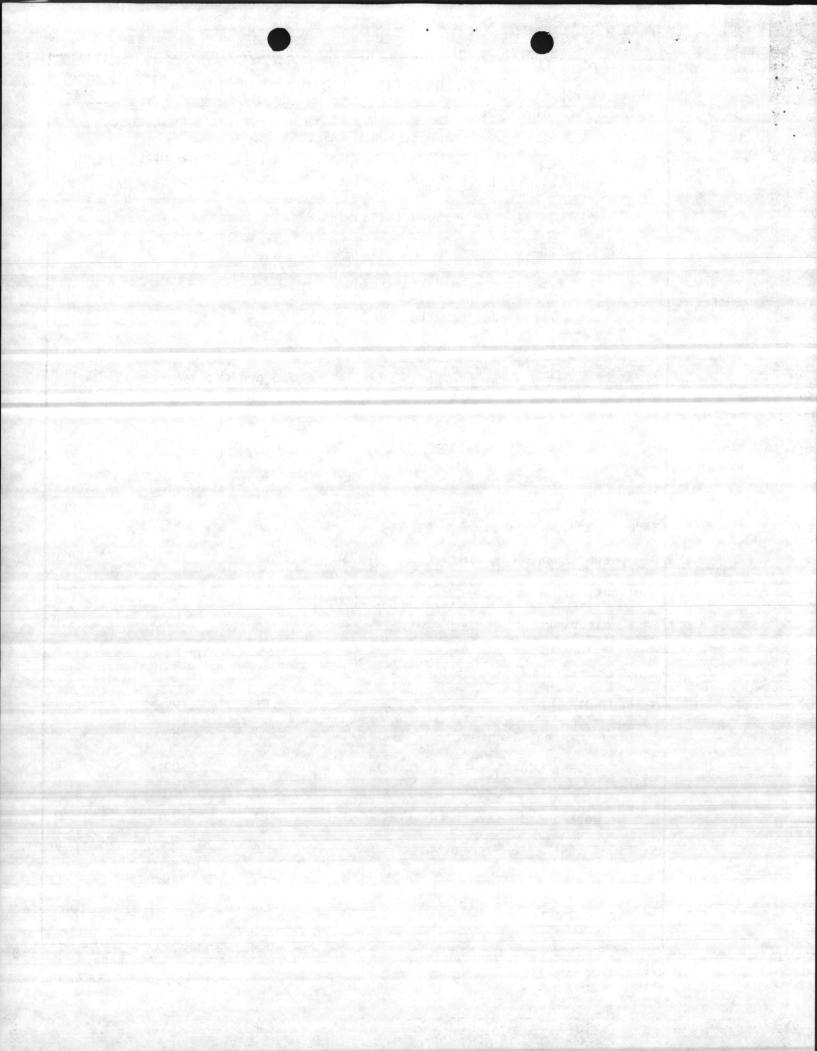
*Paint drying oven

*Twin post hydraulic lift, H. D., 40,000 lb. capacity

*6, 12 & 24 volt DC Engine Start Systems

(b)	Expense	Items	:
	AND THE RESERVE OF THE PARTY OF	7.000 7.000 2.20	

Description	Qty	Unit Issue	Unit Price	Cost
Bench, work, stationary, 28"D, 34"H	88	LF	77.59	\$ 6,827
Bin parts, rota, 3'D, multi-bin	3	EA	360.00	1,080
Shelving, 12"W, w/adj Stds	6	EA	90.00	540
Tank, cleaning, parts, portable 38'x22'x34'	2	EA	395.00	790
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 textile	1	EA	200.00	200
Table, work 16'x2', light textile	7	EA	175.00	1,225
Machine, sewing, heavy canvas	3	EA	1,100.00	3,300
Table, work, 16'x7' wood top	3	EA	225.00	675
Shelving, 24"W	1,324	LF	10.00	13,240
	Hilland war as			



1. COMPONENT		2. DATE			
MARINE CORPS	RPS FY 19_89_MILITARY CONSTRUCTION PROJECT DATA				
3. INSTALLATION A	ND LOCATION				
MARINE CORPS	BASE, CAMP LEJEUNE, NORTH CAROLINA 28542				
4. PROJECT TITLE	5. PRO	JECT NUMBER			
FIELD MAINTEN	ANCE COMPLEX (INCREMENT #3)	-804			

(b) Expense Items:	(Continued)	11-14	Unit	Total
Description	Qty	Unit 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

(c) INVESTMENT ITEMS - None.

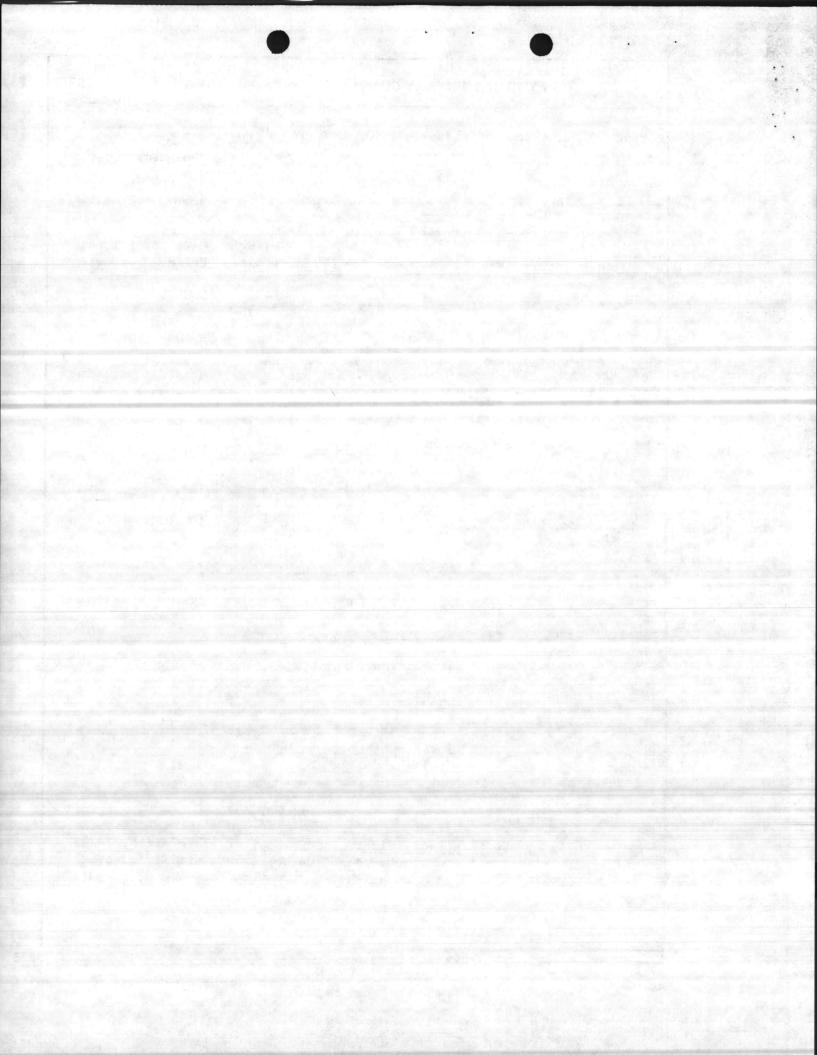
TOTAL EXPENSE ITEMS

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

Expense Items Investment Cost Training Cost		37,677 - -
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.

37,677



1. COMPONENT
MARINE CORPS
FY 1989 MILITARY CONSTRUCTION PROJECT DATA

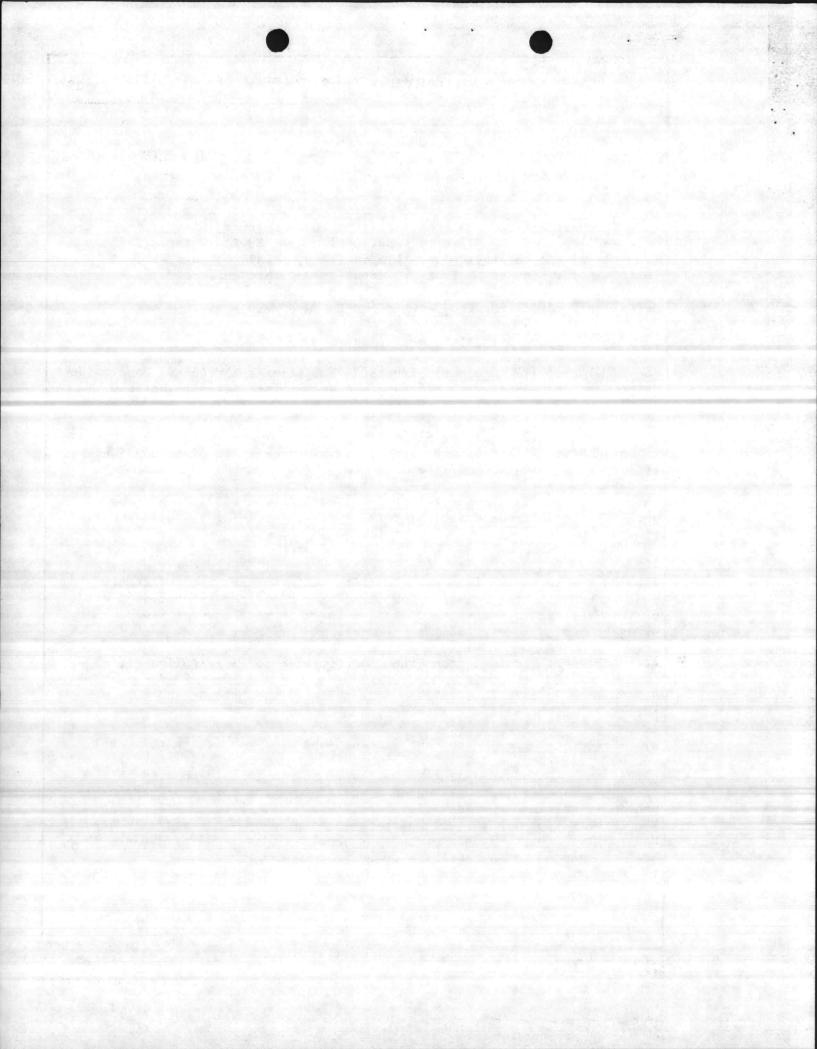
1. July 1985

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

4. PROJECT TITLE
FIELD MAINTENANCE COMPLEX (INCREMENT #3)

5. PROJECT NUMBER
P-804

- 4. Cost Estimate: Area cost factor for Camp Lejeune, NC is 0.95. 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) Impact If Not Provided: Personnel will continue to work in substandard and makeshift facilities, resulting in loss of worktime and wasted energy.
- b. <u>Justification for Scope of Project</u>: 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.



1. COMPONENT

MARINE CORPS

FY 19 89 MILITARY CONSTRUCTION PROJECT DATA

1 July 1985

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE
FIELD MAINTENANCE COMPLEX (INCREMENT #3)

5. PROJECT NUMBER P-804

UTILITY REQUIREMENTS

a. Electricity:

Consumption: 1,500,000 KWHR/YR

Peak Demand: 900 KW Avg. Demand: - KW

b. Steam:

Consumption: 2,372,500 Lbs/Yr

Demand: 1,500 Lbs/Yr

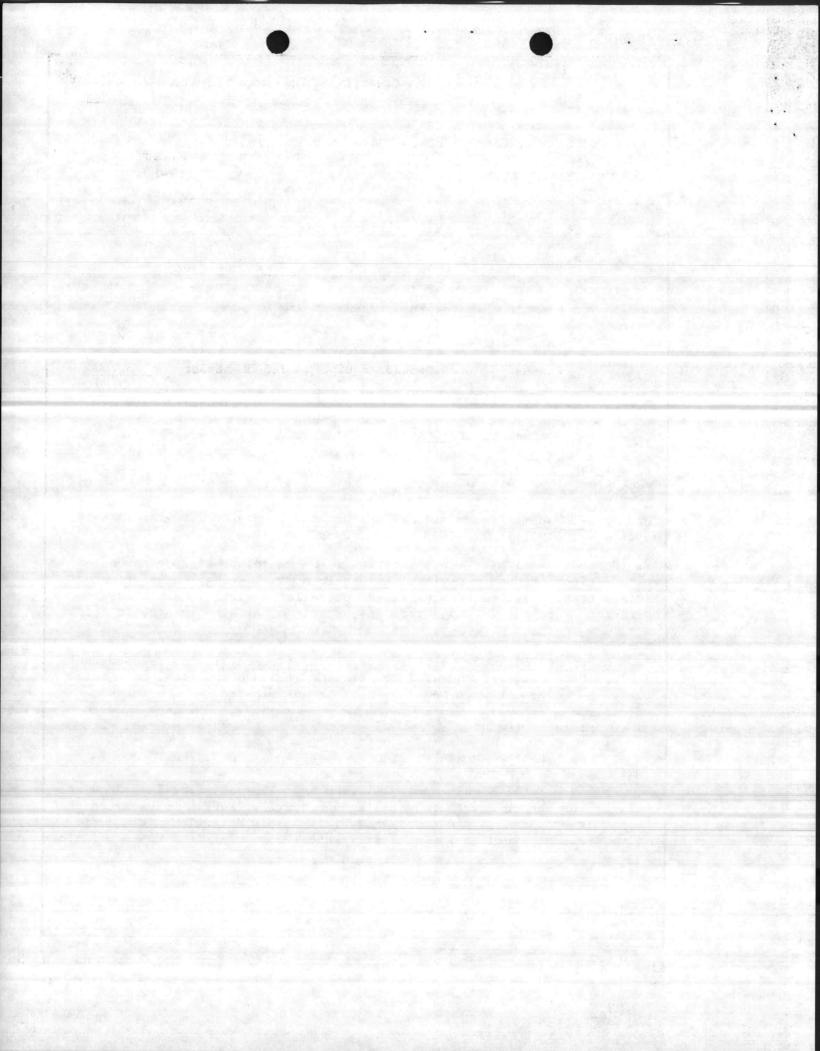
c. Coal: - Tons/Yr

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

- 9. Siting of the Project: This facility will be located in the French Creek Area, in keeping with the Camp Lejeune Master Plan. See enclosure (1).
- 10. Other Graphic Presentations, including Photographs: NAVFAC Drawings 1294489, 1294491, and 1294493 submitted as Enclosure (2).
- 11. Economic Analysis: This facility is being constructed on an undeveloped site. Economic savings will be in nominal energy consumption savings to be realized from efficient operations. This is a military operational project in support of an operational mission located in this area.
- 12. Environmental Impact Assessment: An Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact in anticipated.

13. Quantitative Data:

- a. Unit of Measure: Square feet.
- b. <u>Total Requirement</u>: 442,600 SF. The Basic Facility Requirement for the French Creek area (EA) is 442,600 SF. NAVFAC P-80 states that the requirement for this category code (214-53) is determined from definitive drawings given in NAVFAC P-272, Part IV.



. COMPONENT MARINE CORPS

FY 19 89 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

1 July 1985

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJUENE, NORTH CAROLINA 28542

4. PROJECT TITLE

FIELD MAINTENANCE COMPLEX (INCREMENT #3)

5. PROJECT NUMBER

P-804

N	AVFAC DWG	DESCRIPTION	Al	REA SF
	1294489	Combat/Automotive/Track Fld Maint Sl	nop	220,000
	1294490			53,000
	1294491	policina de la companya del companya de la companya del companya de la companya d		47,500
	1294492	The second secon		48,000
	1294493	II .	100	52,800
	1294508	Vehicle Inspection Station		7,540
	1294444	Construction Equipment Fld Maint Sho	ор	13,760
		Total		442,600

c. Existing Substandard: 165,448 SF

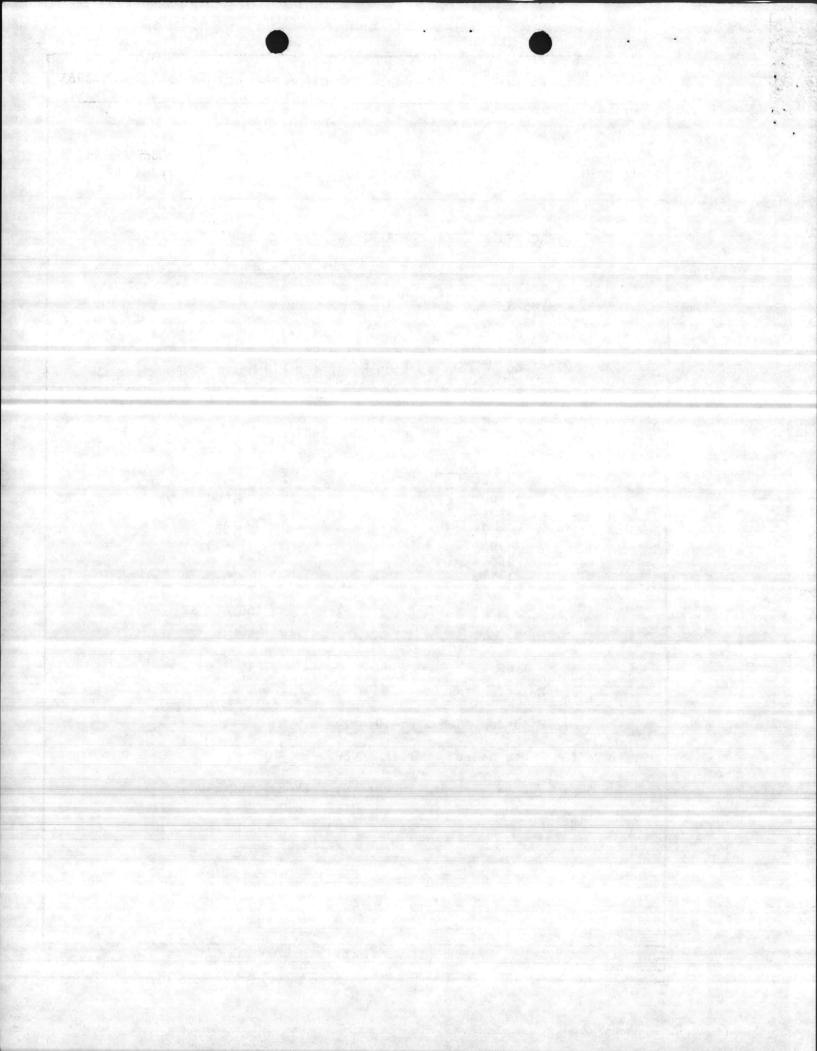
BUILDING NO.	AREA SF
900*	3,600
901*	21,224
902*	50,064
905*	13,640
1601*	62,000
1771	14,920

Total 165,448 SF

*multi-use type buildings.

- Existing Inadequate: 0
- e. Existing Adequate: 0
- f. Other Assets, Not in Inventory: 0
- Funded, Not in Inventory: (FY-87) 60,540 SF

S/N 0102-LF-001-3915



1. COMPONENT
MARINE CORPS

FY 19 89 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

1 July 1985

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

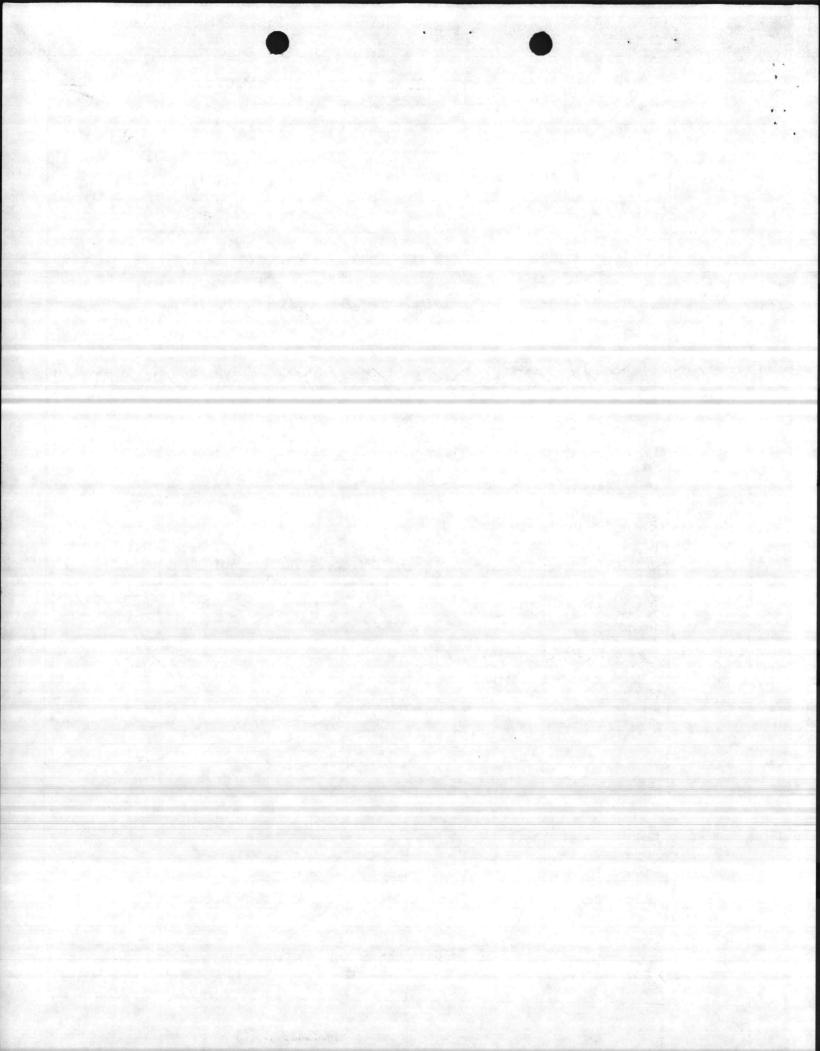
FIELD MAINTENANCE COMPLEX (INCREMENT #3)

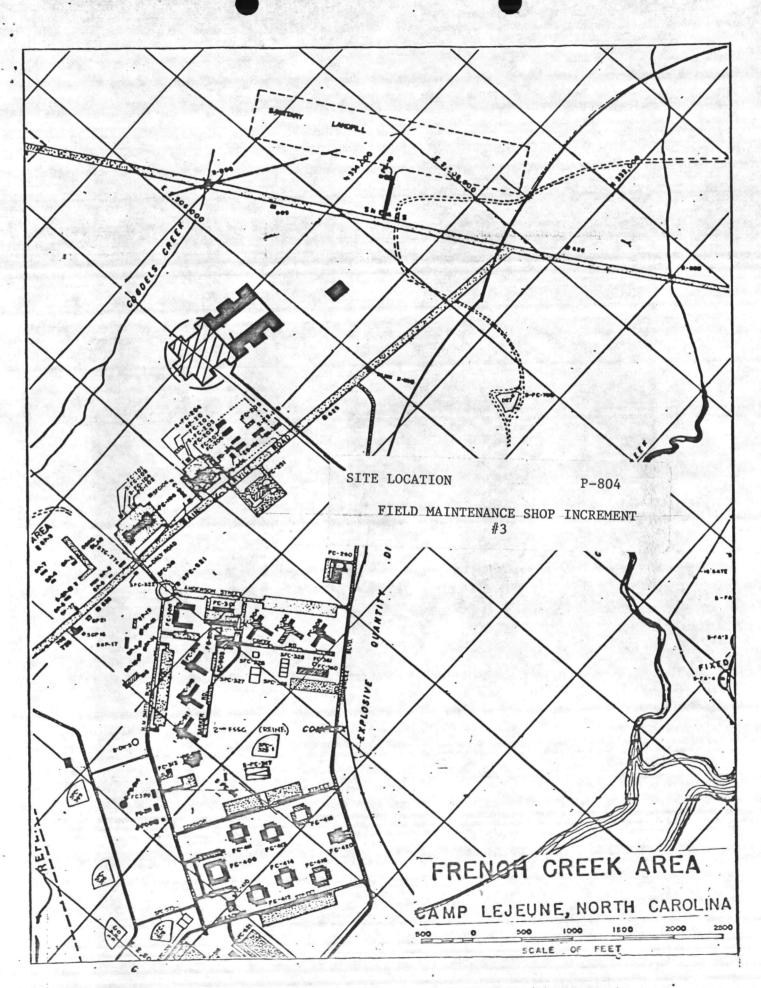
5. PROJECT NUMBER

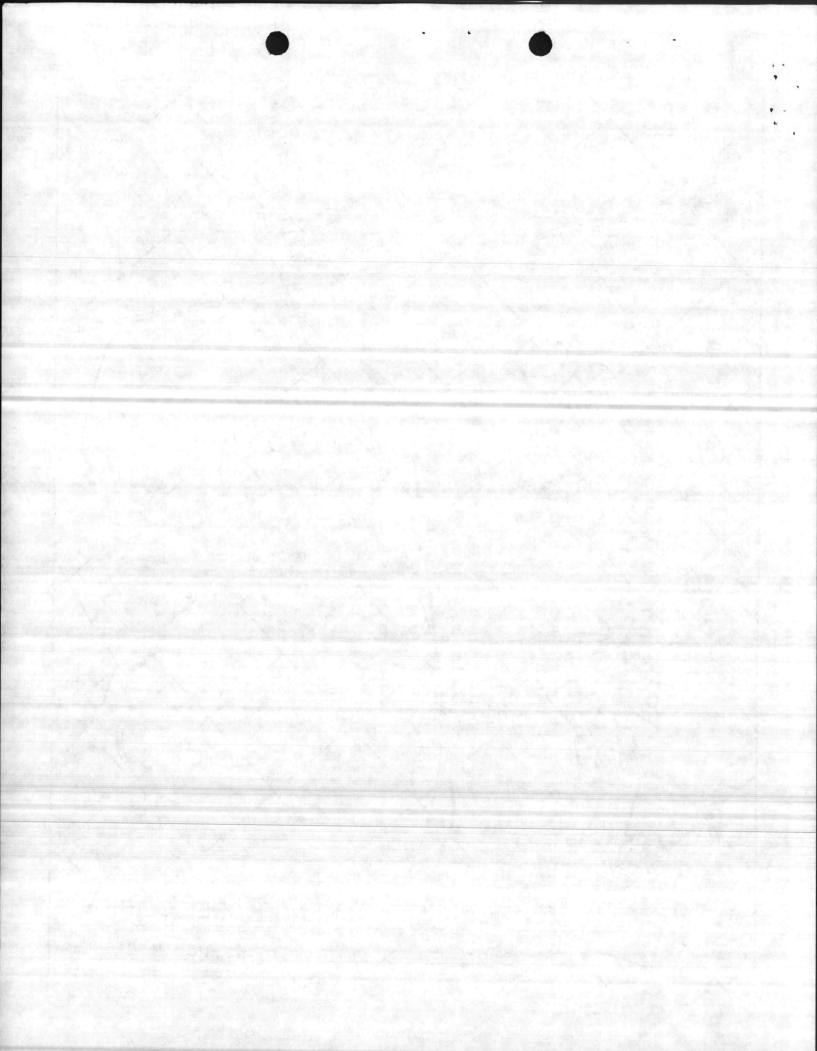
P-804

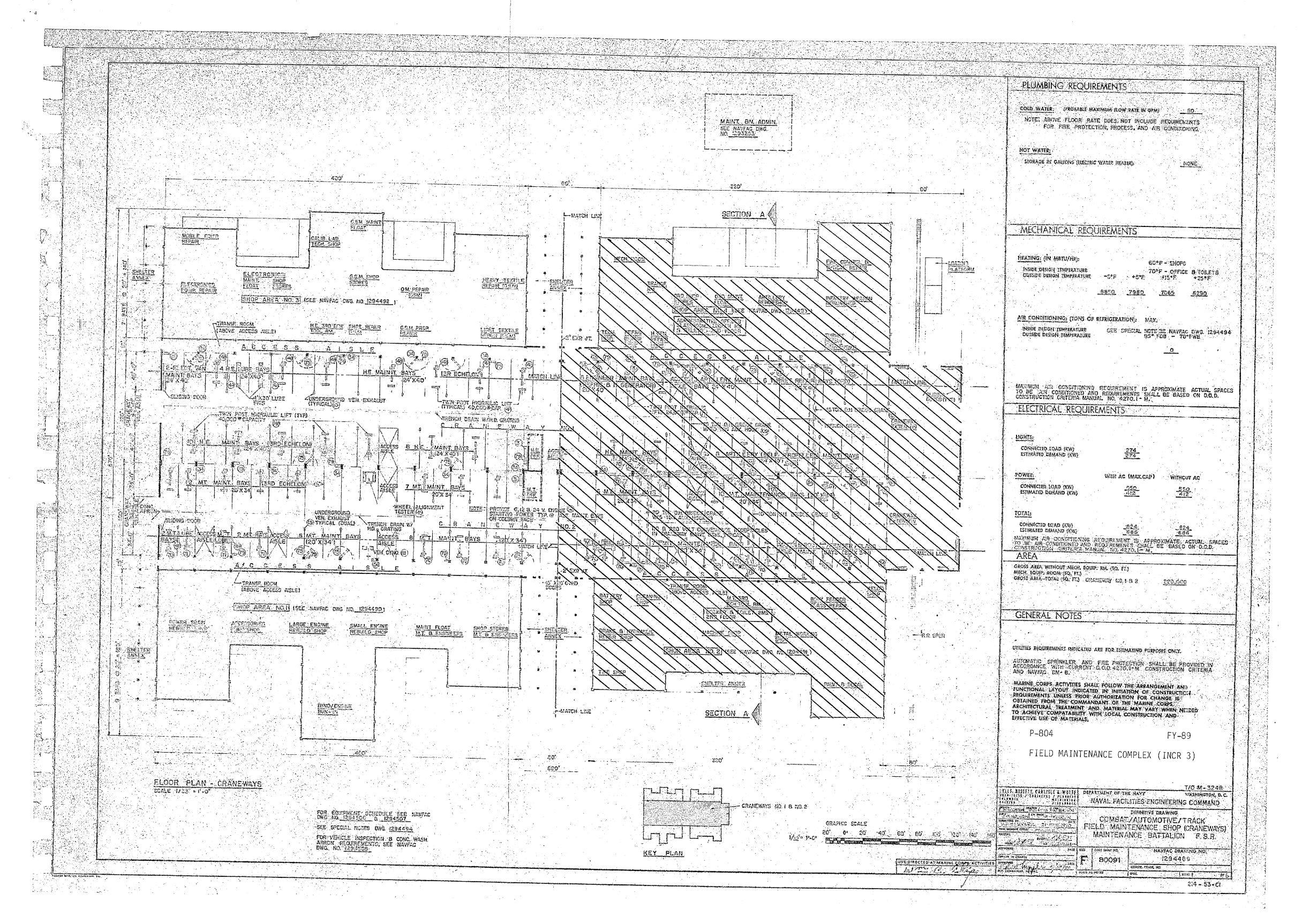
NAVFAC Dwg	Description	Area SF
1294490	Combat/Automotive/Track Fld Maintenance Shop	53,000
1294508	Vehicle Inspection Station Total	7, 540 60, 540 SF

- h. Adequate Assets: (e + f + g) = 60, 540 SF
- i. Deficiency: (b h) = 382,060 SF
- 14. Maintenance Facilities: Not applicable.
- 15. Morale, Welfare and Recreation Facilities: Not applicable.
- 16. Relocation Facilities: Not applicable.
- 17. Storage Facilities: Not applicable.
- 18. <u>Hazard Identification</u>, Assessment, and Analysis. Proposed facility will be a Motor Transport School facility. The following potential hazardous conditions will be considered during the design phase:
 - a. Exhaust fumes.
 - b. Battery acid fumes.
 - c. Gasoline/diesel fumes.

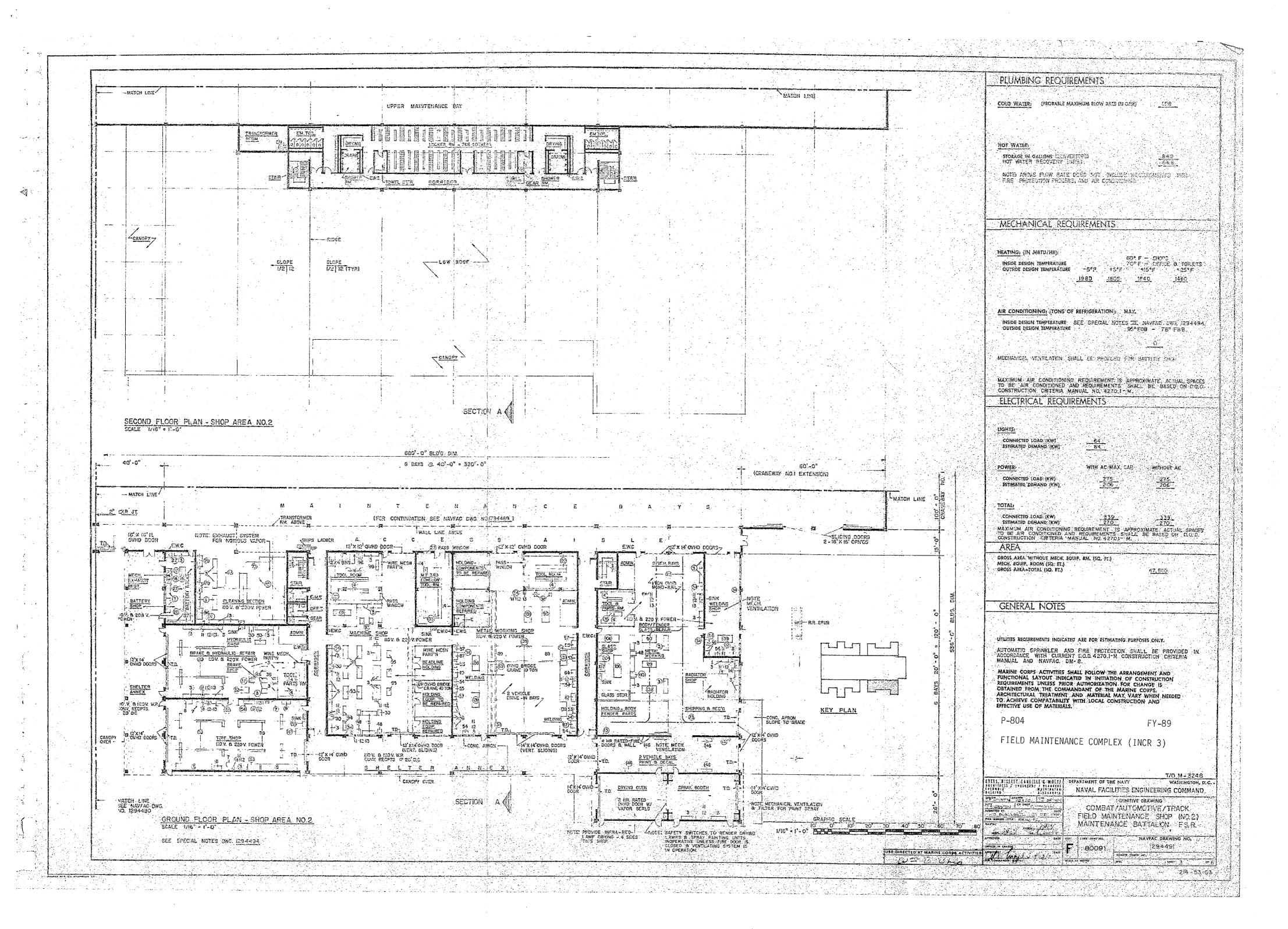








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2. DATE 1. COMPONENT FY 19 87 MILITARY CONSTRUCTION PROJECT DATA NAVY 1 AUG 1981 3. INSTALLATION AND LOCATION MARINE CORPS BASE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 3) CAMP LEJEUNE, NORTH CAROLINA 28542 8. PROJECT COST (\$000) 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 214-53 P - 804\$23,100 9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	(\$000)
FIELD MAINTENANCE SHOP	SF	210,300	91.47	19,236
Building - Shop 2	SF	47,500	90.00	(4,275)
Building - Shop 4	SF	52,800	90.00	(4,752)
Craneway	SF	110,000	70.00	(7,700)
Built-In Equipment	LS	- 4	-	(2,509)
SUPPORTING FACILITIES	LS	-	-	1,623
Water, Stm, Sewer, Fire Alarm/Telephone,	d men			
Site Improvement	LS	-	-	(1,623)
SUBTOTAL	LS		-	20,859
CONTINGENCY - 5%	LS	700 - 370 49	-	1,042
ESTIMATED CONTRACT COST	LS	- Marie	-	21,901
SUPERVISION, INSPECTION, & OVERHEAD - 5.5%	LS	-	-	1,204
TOTAL REQUEST (ROUNDED)	LS	-	-	23,100
INSTALLED EQUIPMENT - OTHER APPROPRIATIONS	-	-	-	-

Permanent two-story shops and craneways with piles, reinforced concrete foundation, floors, masonry and structural steel framing. Built-up roof over insulation and interior support systems (i.e., air conditioning, steam, compressed air, sprinkler, fire alarm, plumbing, overhead bridge cranes, site work, and utilities connected (82 tons air conditioning)).

REQUIREMENTS: 442,600 ADEQUATE: O SF SUBSTANDARD: O SF PROJECT: Construct Increment 3 of Combat/Automotive/Track Field Maintenance Shop for maintenance personnel of the 2d Force Service Support Group. REQUIREMENT: A Combat/Automotive/Track Field Maintenance Shop is required to perform 3rd and 4th echelon maintenance on equipment assigned to the 2d Marine Division FMF (2d MARDIV); Marine Corps Air Station (H), New River (MCAS(H)), and 2d Force Service Support Group REIN (2d FSSG). CURRENT SITUATION: The maintenance program is being carried out in substandard masonry-type WW-II buildings and Butler-type metal buildings. The facilities are totally inadequate due to size, configuration, utility requirements, and site location.

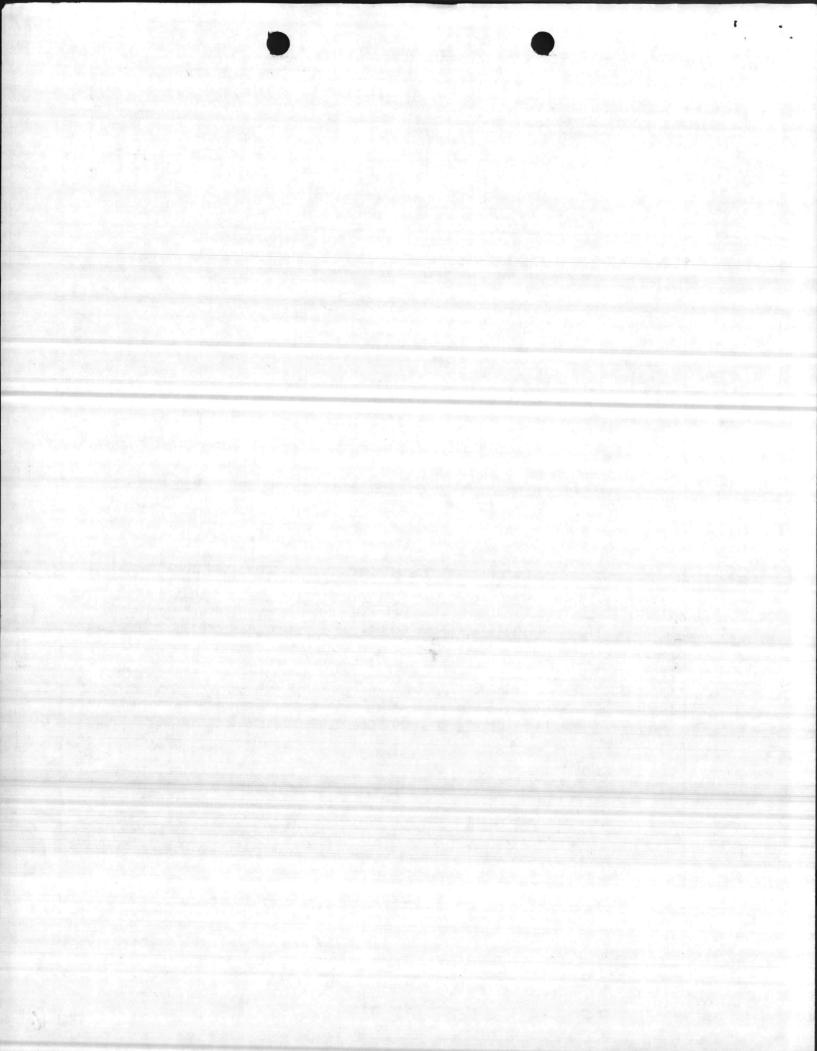
IMPACT IF NOT PROVIDED: The deadline time on equipment will remain adversely affected and maintenance capability and combat readiness will continue to be impaired.

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DD1 FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

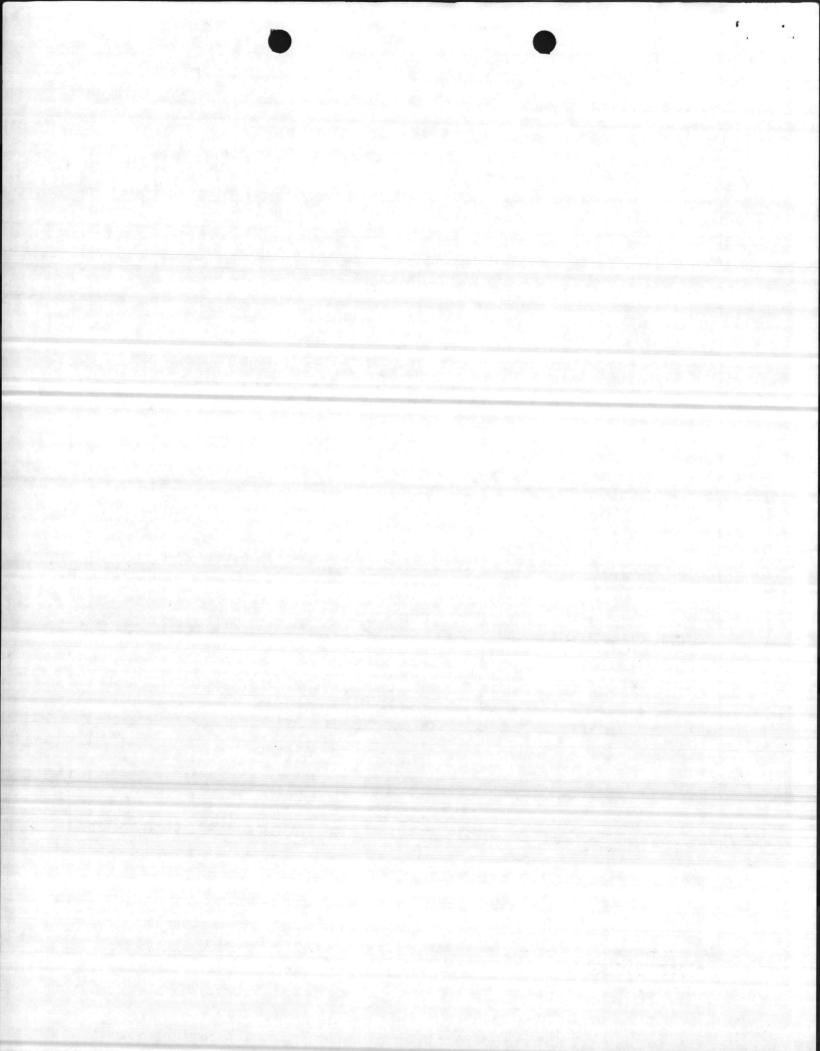
PAGE NO. 1 of 2



NAVY	07					2. DATE 1 AUG 1981	
MARINE CORPS		LEJEUNE, NORTH	CAROLINA	28542			
4.PROJECT TITLE COMBAT/AUTOM (INCREMENT 3		FIELD MAINTENAN	CE SHOP		5. PROJ	P-804	

SPECIAL CONSIDERATIONS

- 1. <u>Pollution Prevention</u>, <u>Abatement</u>, <u>and Control</u>: 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. <u>Environmental Impact</u>: The project Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated.
- 4. Fallout Shelter Construction: Fallout shelter protection is not incorporated in this project.
- 5. <u>Design for Accessibility of Physically Handicapped Personnel</u>: 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.

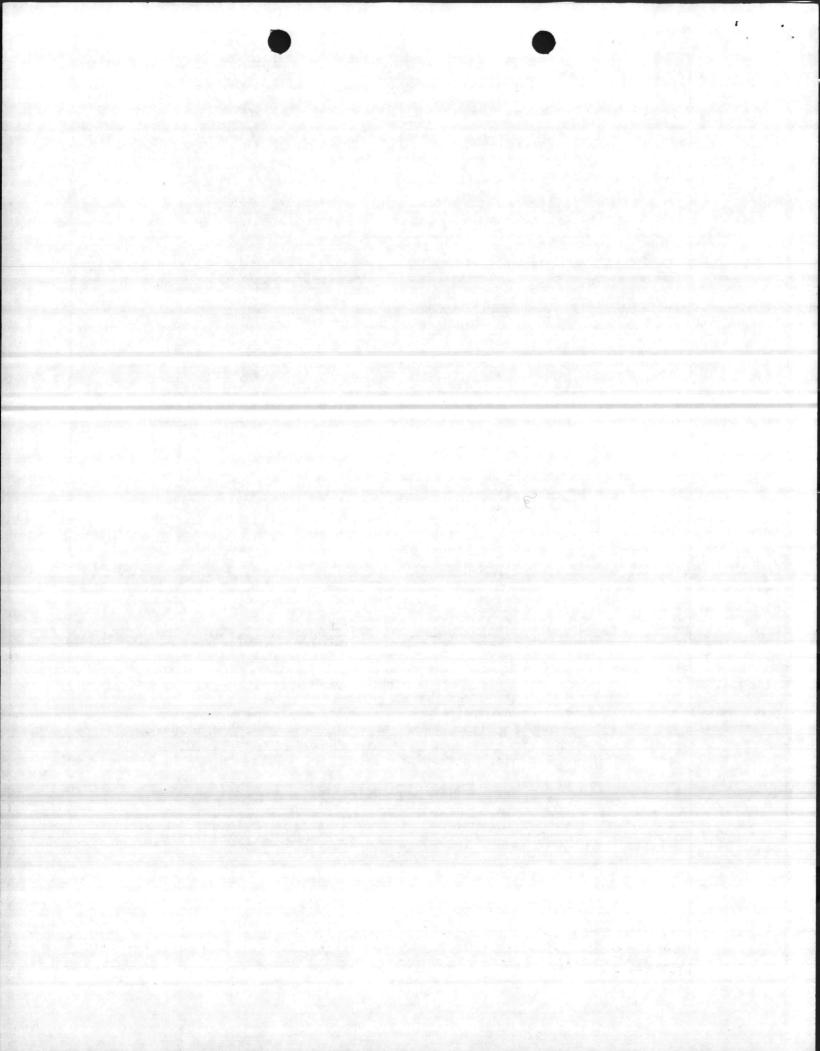


2. DATE 1 COMPONENT FY 19 87 MILITARY CONSTRUCTION PROJECT DATA NAVY 1 AUG 1981 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 5. PROJECT NUMBER 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP P-804 (INCREMENT 3)

FACILITY STUDY

- 1. Project. Provide 210,300 SF of Combat/Automotive Track Field Maintenance Shop area as Increment 3 of a total planned 442,600 SF maintenance complex.
- 2. Current and Planned Future Workload with Regard to This Project. The duration of need is indefinite and the facility will be utilized 100 percent of the time. An average of ten hours per day for a five-day work week is spent in the shops. The organization is responsible for performing 3rd and 4th echelon maintenance on equipment assigned to the 2d MARDIV, MCAS(H) New River, and 2d FSSG. The future workload is difficult to project; however, it is expected to increase as as the present equipment becomes older and new items are introduced into the system.
- Description of Proposed Organization.
 - a. Type of Construction.
- (1) Permanent two-story maintenance shop with craneway on pilings, reinforced concrete foundations, floors, masonry and structural steel walls, built-up roofs, insulation, interior utilities, and air conditioning
 - (2) Site improvements, exterior utilities, etc.
- b. Replacement. Not applicable; existing facilities will be temporarily utilized to satisfy deficiencies until new facilities are constructed.
 - c. Description of Work to Be Done.
- (1) Primary Facility. Modular reinforced concrete/masonry structures on pile foundation. Craneway supported with structural steel with ribbed metal siding on steel girts.
 - (a) Support Facilities. Utilities and site improvement.
- (2) Energy Conservation. Energy efficient equipment and building materials and orientation for maximum energy conservation will be utilized.
 - (3) Collateral Equipment.

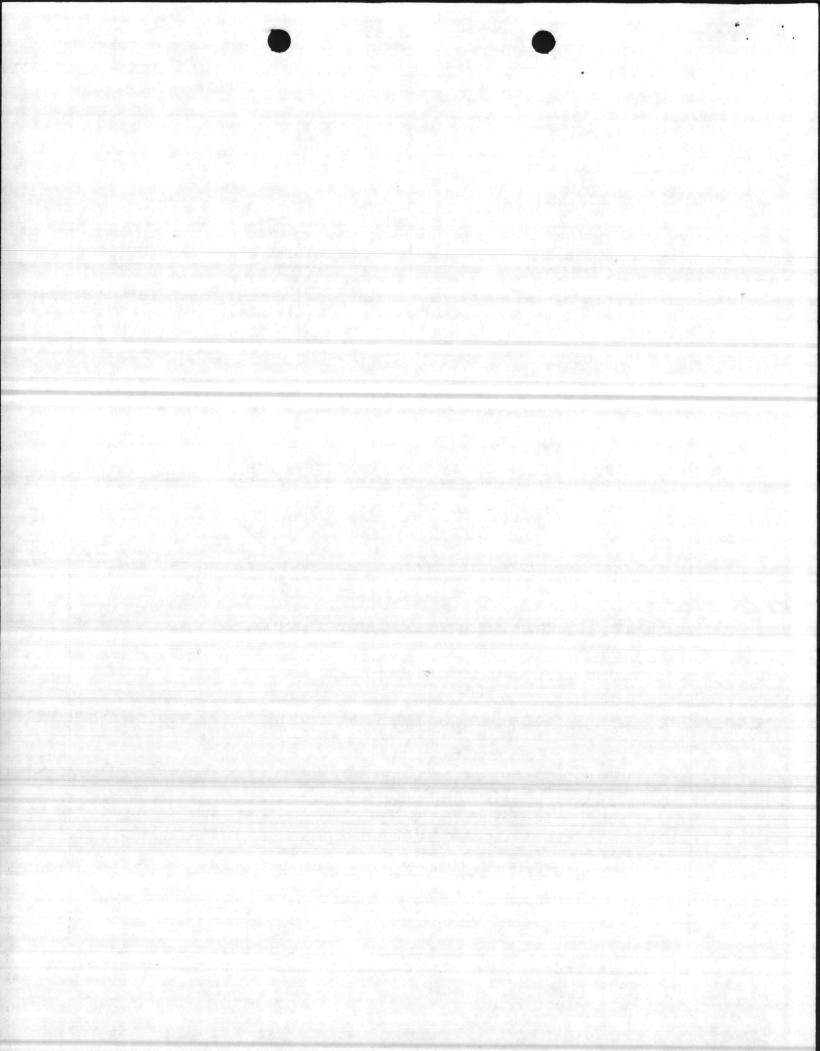
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2. DATE 1 COMPONENT FY 19 87 MILITARY CONSTRUCTION PROJECT DATA NAVY 1 AUG 1981 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 5. PROJECT NUMBER 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP P-804 (INCREMENT 3)

(a) Built-In MCON Funded:

- *Venetian blinds and window screens
- *Air conditioning, heating, and ventilating systems
- *Interior steam system
- *Plumbing system
- *Sprinkler system
- *Telephone, fire alarm, and intercom systems
- *Drinking water coolers
- *Tire changer, elec-air, 3'x4'
- *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)
- *Hose reels assembly w/control valves, H.D., overhead, automatic hose stops, and meters
- *Exhaust system, underground (automotive or const equip)
- *Deluge shower w/eye wash
- *Acid resistant sink
- *Exhaust hood (over)
- *Pass window, 4'W w/counter & "B" label rolldown shutter (w/fusible link), if required
- *Outlets for portable arc welder (grounded)
- *Outlets for engine starting
- *Outlets for refrig. unit test (utilities repair)



1. COMPONENT	87	Take V Local			2. DATE
NAVY	FY 19_87_MILIT	ARY CON	STRUCTION PR	ROJECT DATA	1 AUG 1981
3. INSTALLATION AND	LOCATION	al Libra			
MARINE CORPS BA	ASE, CAMP LEJE	UNE, NOR	TH CAROLINA	28542	
COMBAT/AUTOMOT: (INCREMENT 3)	IVE/TRACK FIEL	D MAINTE	NANCE SHOP	5. PRO	P-804
	*10-ton over	head bri	dge crane		
	*Twin-post p	neumatic	lift, H.D.,	24,000 lb 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	1.)
	*75-ton over	head bri	dge crane w/2	O-ton aux. ho	ook
	*Paint spray	booth w	/hood, 5'x3'		
	*Engine star	ting out	lets (12, 24,	& 36 volt)	
(b)	EXPENSE ITEM	<u>s</u> :	UNIT OF	UNIT	TOTAL
DESCRIPT	TION	QTY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
Bench, elec. re 144"x34"H	epair, 36"x	8	EA	\$ 90.00	\$ 720
Shelving, 3' de tool box storag		21	LF	50.00	1,050
Table, work, st 24"H	eel, 4'x8'x	9	EA	160.00	1,440
Press, punch, h	vdraulic	1	EA	1,200.00	1,200

48"H

EA

EA

EA

. 1

2

1,000

250

1,200

Booth, radiator flush &

Rack, storage, 48" deep x

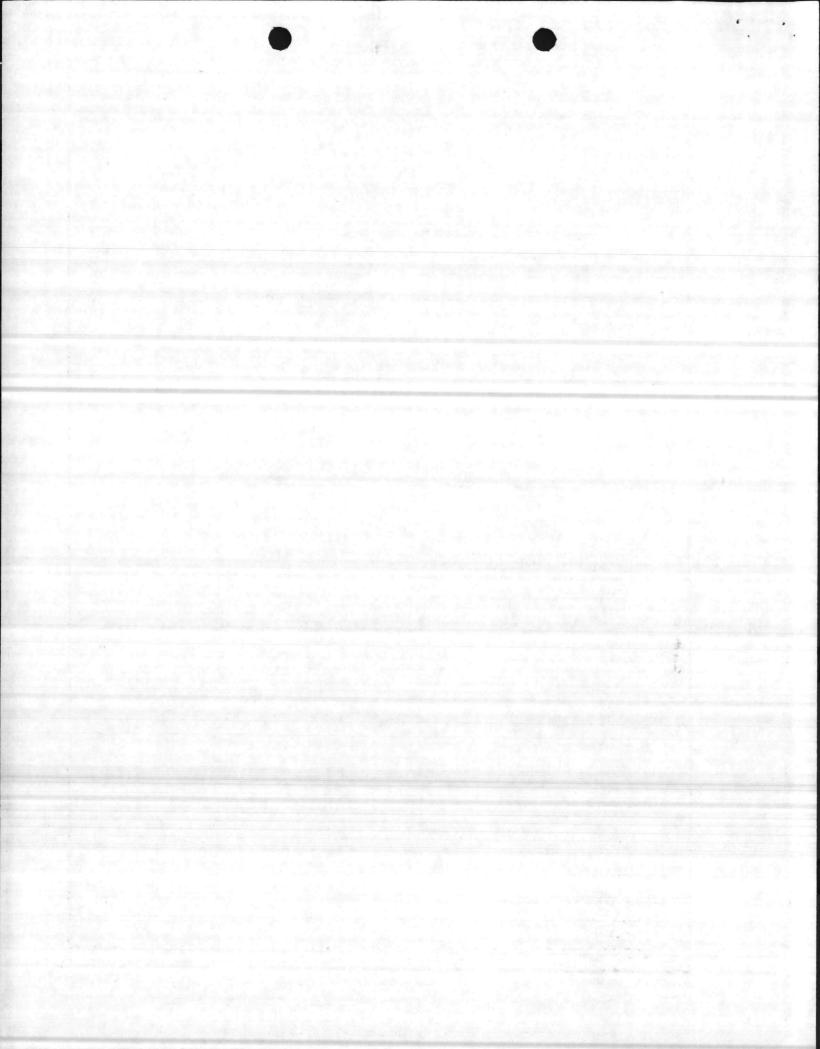
Dryer, infra-red, portable, 18"x72"

paint, 60"x42"x28"H

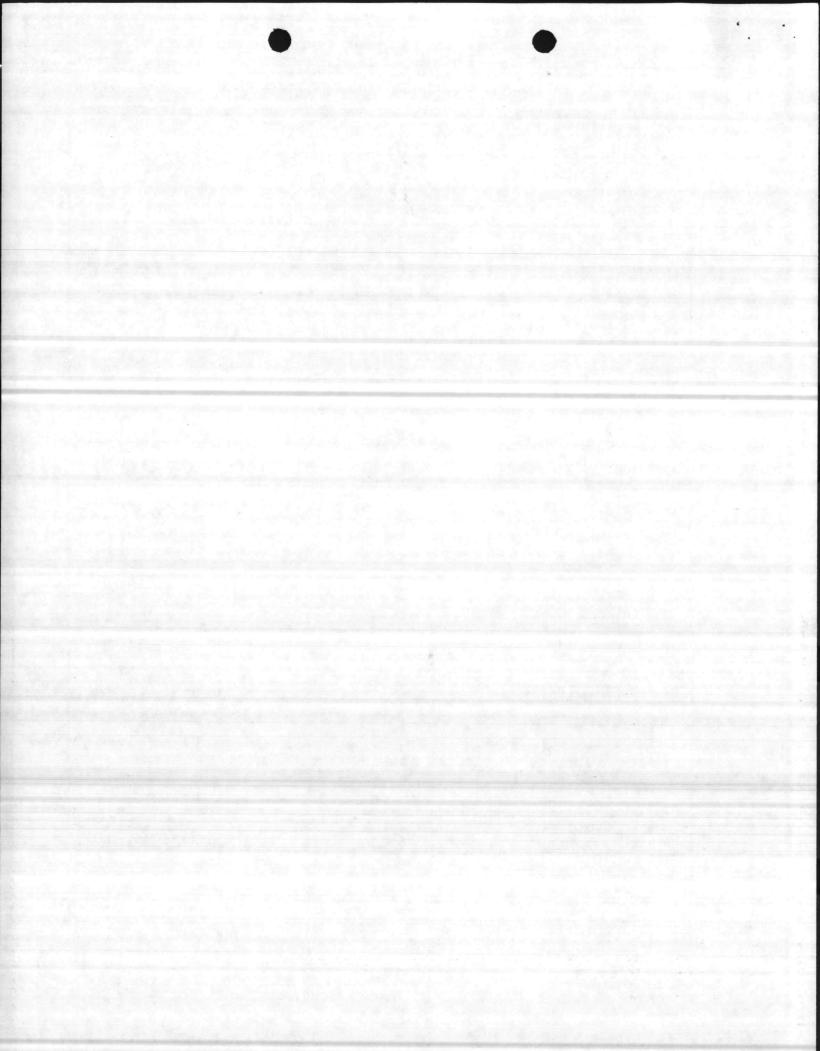
1,000.00

125.00

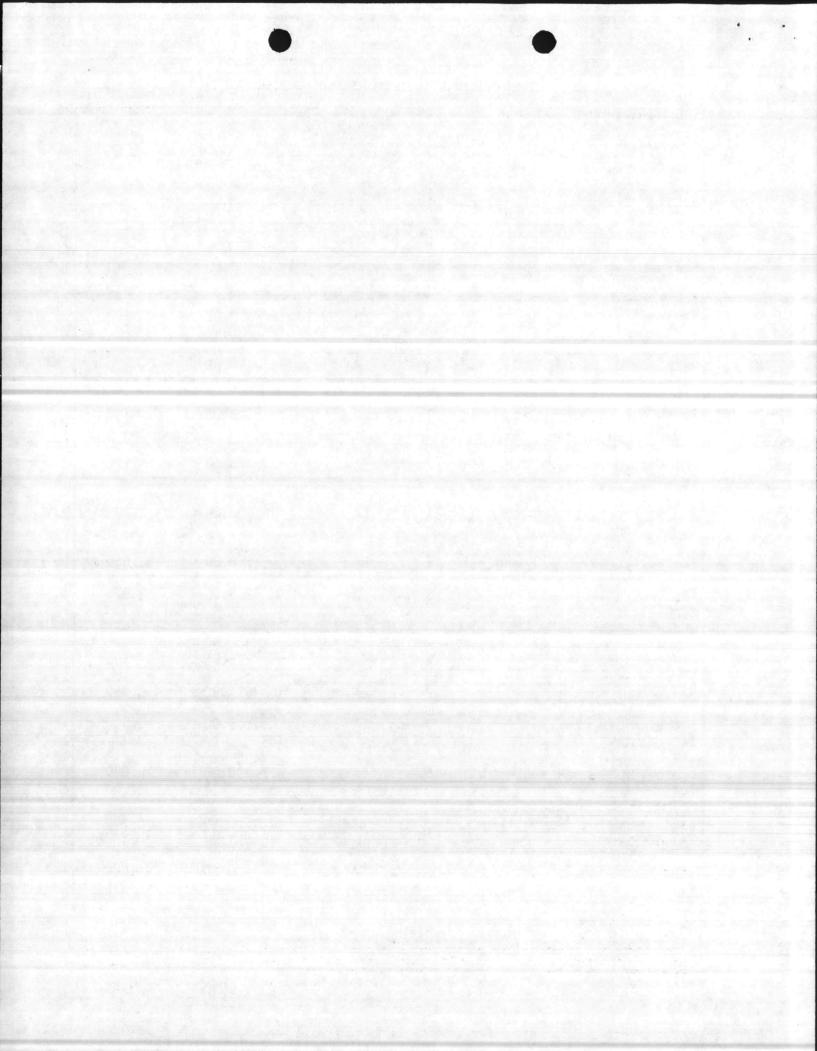
300.00



1. COMPONENT						2. DATE
	FY 19 <u>87</u> MILITAR	Y CONS	TRUCTION P	ROJECT	T DATA	1 AUG 1981
MARINE CORPS B	ASE, CAMP LEJEUN	NE, NORT	TH CAROLINA	28542		
COMBAT/AUTOMOT	IVE/TRACK FIELD	MAINTEN	NANCE SHOP			2-804
<u>DESCRI P</u>	TION	QTY	UNIT OF ISSUE		UNIT PRICE	TOTAL COST
Changer, tire, air, 6'x8'	H.D., elect.	1	EA	\$	500.00	\$ 500
Spreader, tire 3'-6"x6'8"	, H.D.,	2	EA		400.00	800
Frame, tire in 3'x6'	flation,	1	EA		400.00	400
Balancer, prec 3'x3'	ision wheel,	1	EA		200.00	200
Shelving, 24"W		600	LF		10.00	6,000
Stand, turret	support	6	EA	1	,000.00	6,000
Bench, work, p x28"x34"H	ortable, 48"	68	EA		225.00	15,300
Bench, work, s 28"Dx34"H, ste lead covered i	el top st'd,	,272	LF		77.60	98,707
Bins, parts, a 14"x24"D, stee		400	LF		37.00	14,800
Racks, tire st x3 tiers H	orage, 3'x25'	225	LF		30.00	6,750
Bins, parts, r multi-bin	ota, 3'Diam,	5	EA		360.00	1,800
Tank, test, wa x18"	ter, 24"x50"	3	EA		360.00	480
	r, AC/DC, shop 32 cycle, input 110/150 AMPS	2	EA		630.00	1,260
	ry, 6 or 12 volt battry tester, 6		EA		110.00	110



1. COMPONENT		IOTOLICTION	220	ICCT DATA	2. DATE
NAVY FY 19 87 MILITA	ARY CON	BINUCION	rnus	DATA	1 AUG 1981
MARINE CORPS BASE, CAMP LEJE	INF NOD	TH CAPOLINA	201	542	
PROJECT TITLE	JIL, HON	TH CAROLINA	200		ECT NUMBER
COMBAT/AUTOMOTIVE/TRACK FIEL (INCREMENT 3)	D MAINTE	NANCE SHOP			P-804
DESCRIPTION	QTY	UNIT OF ISSUE		UNIT PRICE	TOTAL COST
Shelving, 14"W, w/adj standards	2	EA	\$	105.00	\$ 210
Shelving, 12"W, w/adj standards	2	EA	\$	90.00	180
Rack, acid storage, 24"x24", wood	3	EA		10.00	30
Bench, grinder, 7", w/buffer wheel	1	EA		198.00	198
Grinder, pedestal, 10", 12 AMP	7	EA		175.00	1,225
Press, hydraulic, 80 & 60 ton (Arbor)	1	EA		2,500.00	2,500
Press, hydraulic, 10-ton	1	EA		650.00	650
Tank, cleaning, parts, 38"x22"x34", portable, w/drying racks 22"x24"	5	EA		395.00	1,975
Riviter, brake shoe	1	EA		235.00	235
Saw, power hack	2	EA		675.00	1,350
Lathe, brake drum, H.D., 24" Diam.	3	EA		1,500.00	4,500
Press, drill, pedestal-mtd, 24"S.W.	5	EA		1,800.00	9,000
Box, tempering (sand filled) 24"x40" on stand	, 3	EA		500.00	500
Box, tempering, asbestos- filled, 24"x40" on stand	5	EA		300.00	1,500

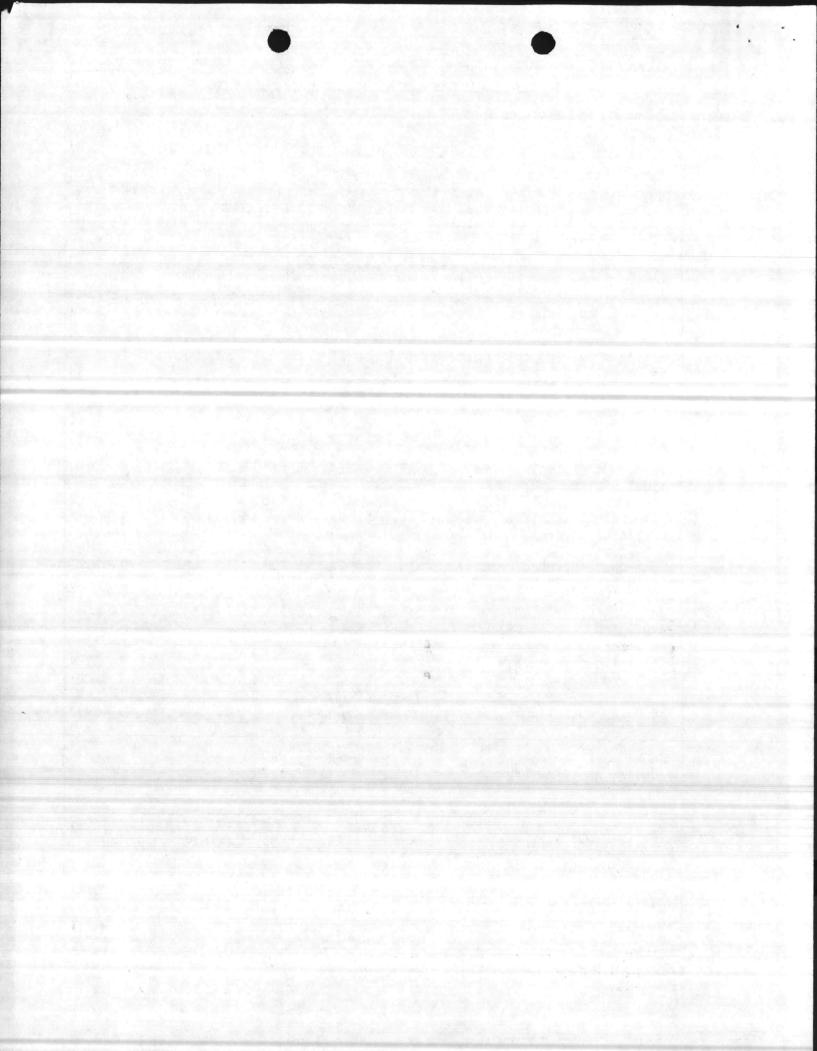


1. COMPONENT				2. DATE
NAVY FY 1987 MILITA	RY CON	STRUCTION P	ROJECT DATA	1 AUG 1981
3. INSTALLATION AND LOCATION				
MARINE CORPS BASE, CAMP LEJEL	JNE, NOR	TH CAROLINA		
COMBAT/AUTOMOTIVE/TRACK FIELD	MAINTE	NANCE SHOP	5. PROJ	P-804
(INCREMENT 3)				1-004
DESCRIPTION	QTY	UNIT OF ISSUE	UNIT PRICE	TOTAL
Welder, electric, inert gas, (Argon), on cart (MIG), 110/ 150 amp input, 300 amp AC/DC 32-cycle load output	2	EA	\$ 2,000.00	4,000
Unit, gas welding cutting, (ox. acet.) on bart	9	EA	325.00	2,925
Rods, hot locker-welding, 36"x48"x60"H, 300 Watt, bulb heating requirement	3	EA	300.00	900
Stand, optical calibration, visual siting	4	EA	660.00	2,640
105MM recoiless rifle vent brushing remover	1	EA	1,500.00	1,500
106MM mortar ground repair, jigs & bench, 30"x82"x14"H	1	EA	1,500.00	1,500
Bench, work, stationary, 36"D, 36"H	3	EA	75.00	225
Azimuth test fixture, bench mounted	2	EA	1,000.00	2,000
Table, work, portable, 36"x42"x32"H	4	EA	100.00	400
Bench, work, component rebuild, 48"x96"x24"H	10	EA	85.00	850
Degreaser, mechanical	14	EA	600.00	8,400
Vat, chemical cleaning, cresylic acid type (alka- line)	1	EA	1,000.00	1,000
Welder, tungsten inert gas, 10 to 300 amp, 110/150 amp imput, 300 amp AC/DC, 32 cycl	2	EA	1,000.00	2,000

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 6 Of 11



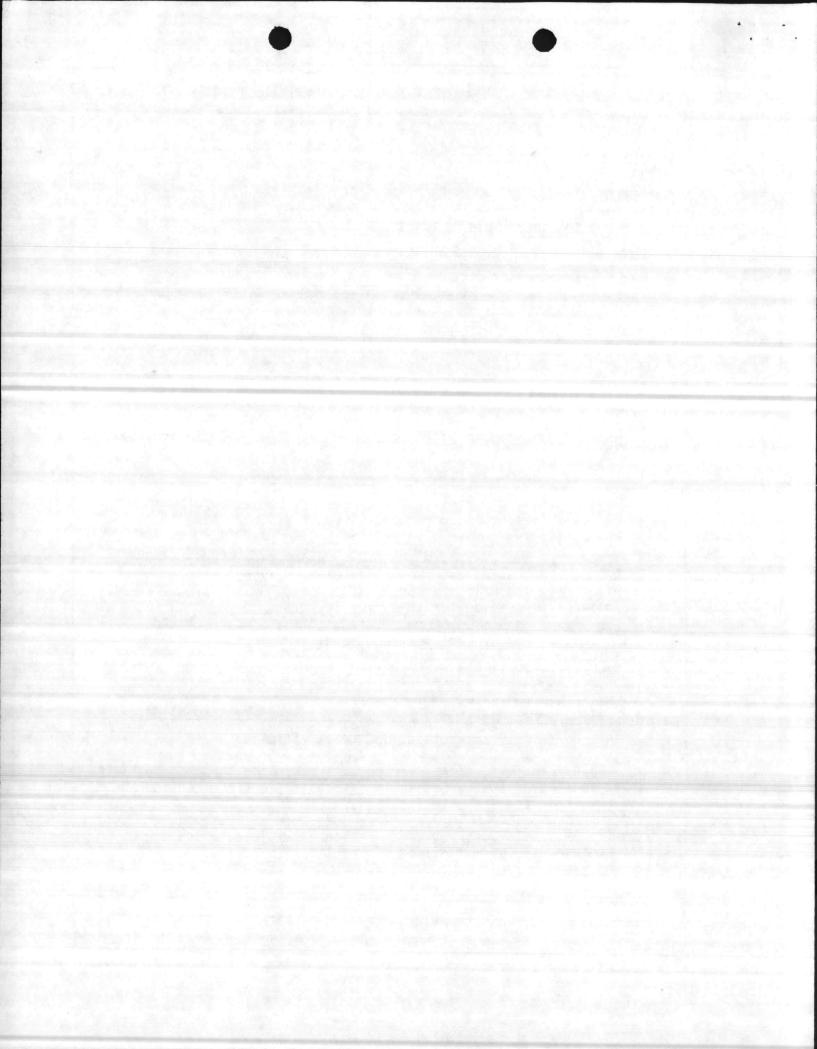
COMPONENT 2. DATE FY 1987 MILITARY CONSTRUCTION PROJECT DATA NAVY 1 AUG 1981 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 **PROJECT TITLE COMBAT/COMBAT/TRACK FIELD MAINTENANCE SHOP 5. PROJECT NUMBER (INCREMENT 3) P-804

(f) SUMMARY:

Expense Cost: \$267,810 Investment Cost: 5,000 TOTAL COST: \$272,810

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

- 4. Cost Estimate. 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.
 - Justification for Project.
- (1) Project. Proposed facilities are required to provide maintenance personnel with adequate and secure facilities to perform maintenance on combat, automotive, and track vehicles.
- (2) Current Situation. Personnel are working in substandard and makeshift facilities that are totally inadequate in size, configuration, utility requirements, and site location.
- (3) Impact If Not Provided. Personnel will continue to work in substandard and makeshift facilities, resulting in loss of work time and wasted energy.



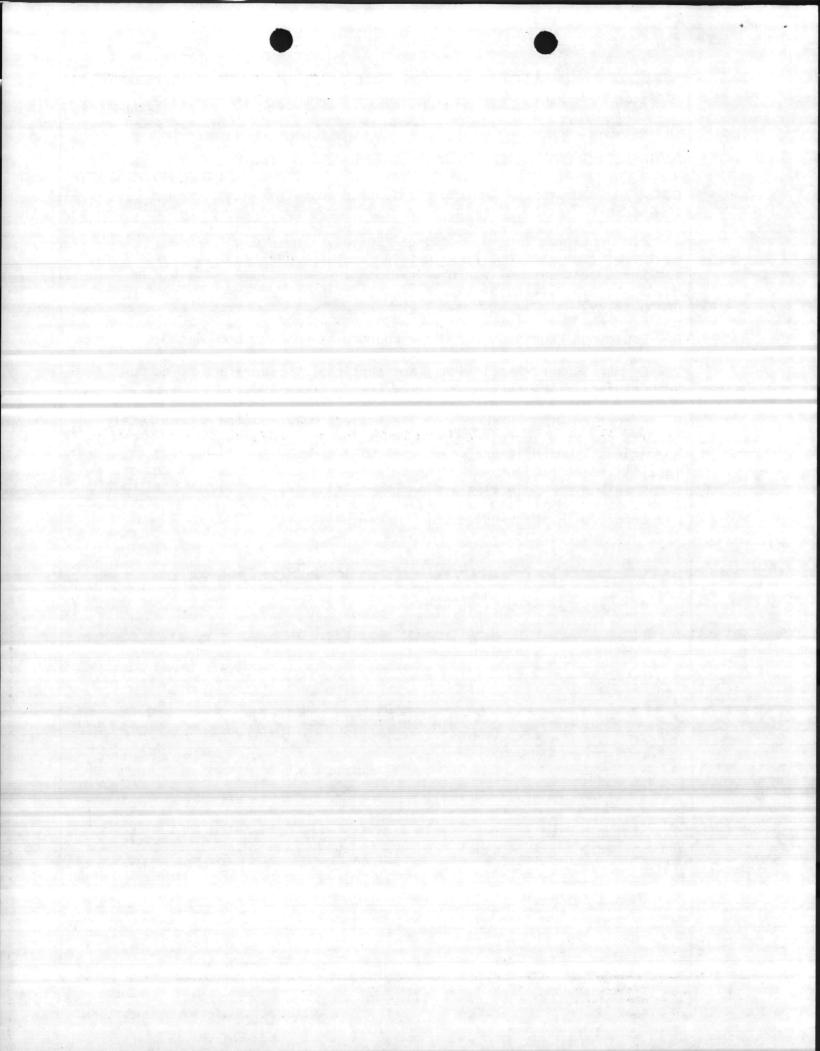
NAVY	FY 19 87 MILITARY CONSTRUCTION PROJECT DA	ATA 1 AUG 1981
MARINE CORPS	BASE, CAMP LEJEUNE, NORTH CAROLINA 28542	
4. PROJECT TITLE COMBAT/AUTON (INCREMENT	MOTIVE/TRACK FIELD MAINTENANCE SHOP	P-804

- 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 \$281,000 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 presentely working in widely dispersed facilities. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977 and implemented by NAVFACINST 4100.5A.

UTILITY REQUIREMENTS:

a.	Electricity.			
		Consumption:	3,874,000	
		Peak Demand:	1,218	KW
		Avg. Demand:		KW .
b.	Steam.			
		Consumption:	15,372,500	lbs/yr
		Demand:	9,500	lbs/yr
c.	Coal.			_tons/yr
	Administra		manusidad b.	. D OFA EV OF

- d. Adequate utilities will be provided by P-054, FY-85.
- 9. Siting of the Project. This facility will be located in the French Creek area, in keeping with the Camp Lejeune Master Plan. See enclosure (1).
- 10. Other Graphic Presentations, including Photographs: See enclosure (2).



1. COMPONENT NAVY	FY 1987 MILITARY CONSTRUCTION PROJECT DA	1 AUG 1981
MARINE CORPS	BASE, CAMP LEJEUNE, NORTH CAROLINA 28542	
4. PROJECT TITLE COMBAT/AUTON (INCREMENT 3	MOTIVE/TRACK FIELD MAINTENANCE SHOP	P-804

- 11. <u>Economic Analysis</u>. This facility is being constructed on an undeveloped site. Economic savings will be in nominal energy consumption savings to be realized from efficient operations. This is a military operational project in support of an operational mission located in this area.
- 12. Environmental Impact Assessment. An Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated.

13. Quantitative Data.

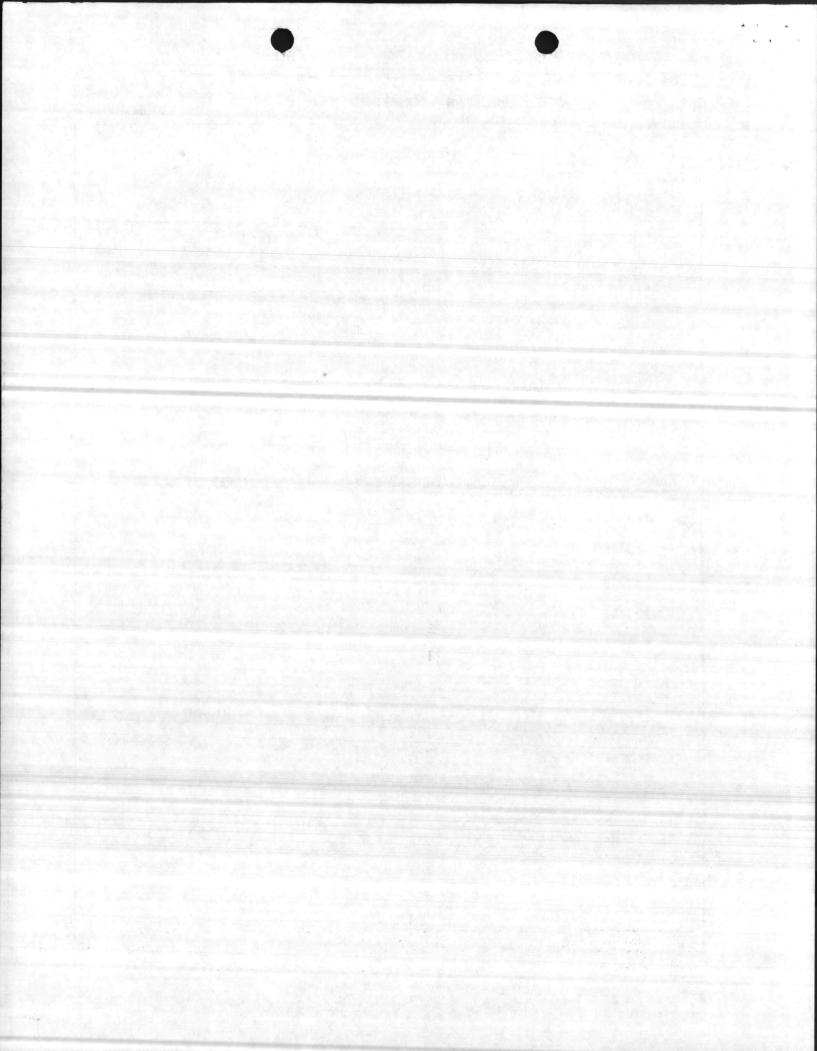
a. <u>BFRL</u> requirement for the French Creek area (EA) is 442,600 SF. NAVFAC P-80 states that the requirement for this category cide (214-53) is determined from definitive drawings given in NAVFAC P-272, Part IV.

NAVFAC DWG	# DESCRIPTION	AREA SF
1294489	Combat/Automotive/Track Fld Mnt Shop	220,000
1294490	N .	53,000
1294491		47,500
129492		48,000
1294493	n	52,800
1294508	Vehicle Inspection Statement	7,540
1294444	Combat/Automotive/Track Fld Mnt Shop	13,760
	TOTAL:	442,600

b. Existing Facilities: None

c. Planned Facilities:

SEE NEXT PAGE



2. DATE

NAVY

987 MILITARY CONSTRUCTION PROJECT DATA

1 AUG 1981

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 3)

5. PROJECT NUMBER

P-804

Planned Facilities: C.

PROJECT #	AREA SF	STATUS
P-257	60,540	FY-85
P-803	48,000	FY-86
P-804	210,300	FY-87
P-805	110,000	FY-88
P-256	13,760	UP
SUBTOTAL:	442,600	

Existing Adequate Facilities:

0 SF

Planned Facilities:

442,600 SF

TOTAL PLANNED FACILITIES:

442,600 SF

BFRL TOTAL:

442,600 SF

- 14. Maintenance Facilities: Not applicable.
- Morale, Welfare, and Recreation Facilities: Not applicable.
- Relocation Facilities: Not applicable.
- 17. Storage Facilities: Not applicable.
- 18. <u>Hazard Identification</u>, Assessment, and Analysis. Proposed facility will be a Motor Transport School facility. The following potential hazardous conditions will be considered during the design phase:
 - a. Exhaust fumes.
 - b. Battery acid fumes.
 - c. Gasoline/diesel fumes.

