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PWO

FEB 24 1987

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Commandant of the Marine Corps (LFF-1)

Subj: FY-90 MILITARY CONSTRUCTION PROJECT, (MCON) P-853,
VEHICLE READY FUEL STORAGE

Ref: (a) PHONCON btwn Ms. Kim Wirick (LFF-1) and Mr. W. L.
Brant (PubWks, MCB, CLNC) on 21 Jan 86

Encl: (1) Revised NAVMC 10915 BFRL Item Determination Sheet
for Category Code 124-50, Hadnot Point Area dtd
5 Feb 87
(2) Revised Project documentation for FY-90 MCON
Project P-853, Vehicle Ready Fuel Storage dtd
5 Feb 87

1. As discussed during the reference, MCON Project P-853,
Vehicle Ready Fuel Storage has been revised to reflect Camp
Lejeune's most recent (FY-86) fuel consumption levels.

2. It is hereby requested that the enclosures be approved and
accepted for inclusion into the activities FY-90 MCON program.

T. J. DALZELL
By direction

Blind copy to:
FAC

Author: Larry Brant
Typist: Mary Thompson
2-17-87, 1033

408 MWB of [signature]

FEB 24 1987

DATE PREPARED: 5 Feb 87

FROM: Commanding General, Marine corps Base, Camp Lejeune, NC

28542
TO: COMMANDANT OF THE MARINE CORPS (CODE LFF)

NOMENCLATURE	CATEGORY CODE	UNIT OF MEASURE	SPECIFIC AREA
VEHICLE READY FUEL STORAGE	124-50	GALLONS	HADNOT POINT
DETERMINATION OF REQUIREMENTS: (If additional space is needed, use plain sheet of paper)			

1. NAVFAC P-80 states that the size and number of fuel storage tanks will depend on the station's mission and the number of vehicles maintained. Also, the quantity of fuel stored at a fuel facility will depend on the service required of the facility. Therefore, past records would best indicate the rate of consumption and accordingly the storage requirements.

TOTAL REQUIREMENT FOR CATEGORY CODE 154,000 GALLONS

MOBILIZATION STATEMENT

SIGNATURE: T. J. DALZELL
By direction

CMC REVIEW ACTION

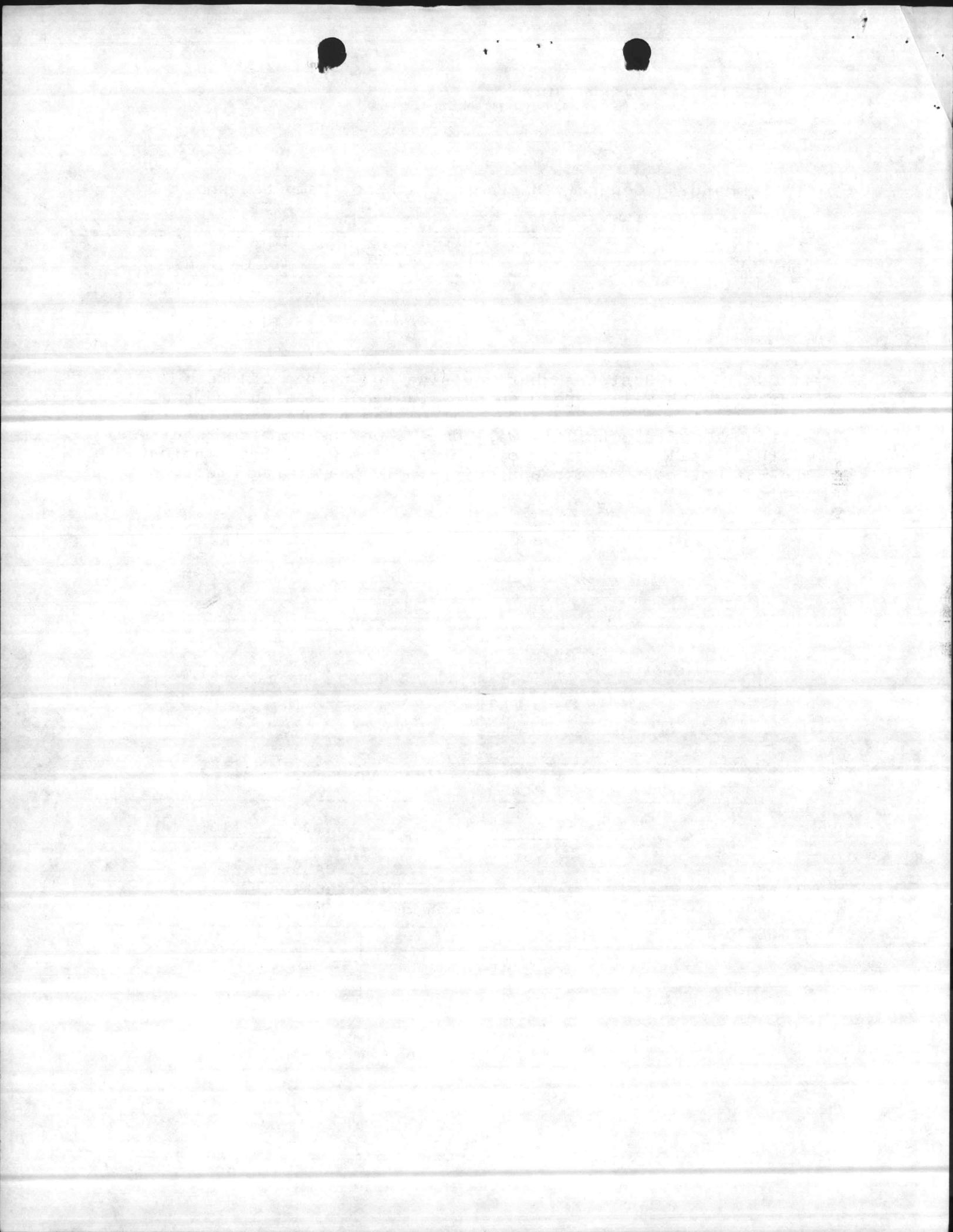
EVALUATION:

DATE

ESTABLISHED REQUIREMENT

ENCL (1)

SIGNATURE: _____



TOTAL FUEL CAPACITY

1. FY-86 SALES:

<u>TYPE</u>	<u>NSN</u>	<u>QTY</u>	
Regular (Reg)	9130-00-264-6218	583,525	GL <i>OK</i>
Unleaded (Unl)	9130-00-148-7103	790,243	GL <i>800,856</i>
Diesel (Die)	9130-00-247-4365	2,842,052	GL
Kerosene (Kero)	9130-00-242-6745	141,846	GL <i>435,960</i>

2. DELIVERY TANKER QUANTITY

Regular8,800	GL
Unleaded8,800	GL
Diesel7,500	GL
Kerosene8,000	GL

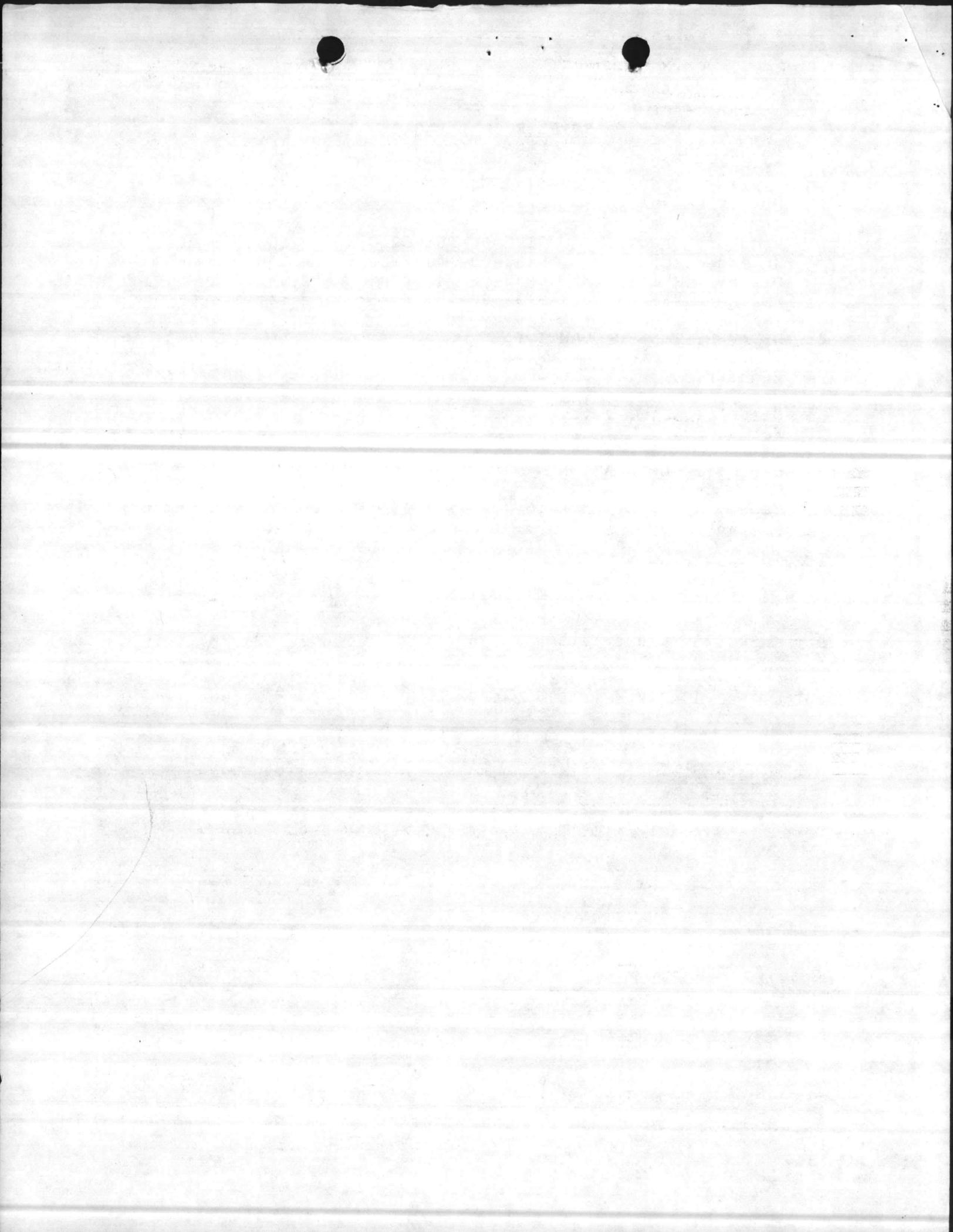
3. CAPACITY COMPUTATION:

Yearly Consumption x 10 (day) x 1.15* = Storage Requirement
365 (days)

*15% growth factor.

			<u>Qty</u>	<u>Tank</u>	<u>Total</u>	
			<u>Tanks</u>	<u>Capacity</u>	<u>Capacity</u>	
Reg	$\frac{583525}{365} \times 10 \times 1.15 = 18,389$		2	12,000	24,000	<i>OK</i>
Unl	$\frac{800,856}{365} \times 10 \times 1.15 = 25,272$		2	15,000	30,000	<i>OK</i>
Die	$\frac{2842052}{365} \times 10 \times 1.15 = 89,539$		3	30,000	90,000	<i>OK</i>
Kero	$\frac{435,960}{365} \times 10 \times 1.15 = 13,735$		2	10,000	10,000	

Total Fuel Storage Capacity: 154,000



1. COMPONENT NAVY	FY 1980 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 5 Feb 87
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3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542	4. PROJECT TITLE VEHICLE READY FUEL STORAGE
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5. PROGRAM ELEMENT	6. CATEGORY CODE 124-50	7. PROJECT NUMBER P-853	8. PROJECT COST (\$000) 1,700
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9. COST ESTIMATES

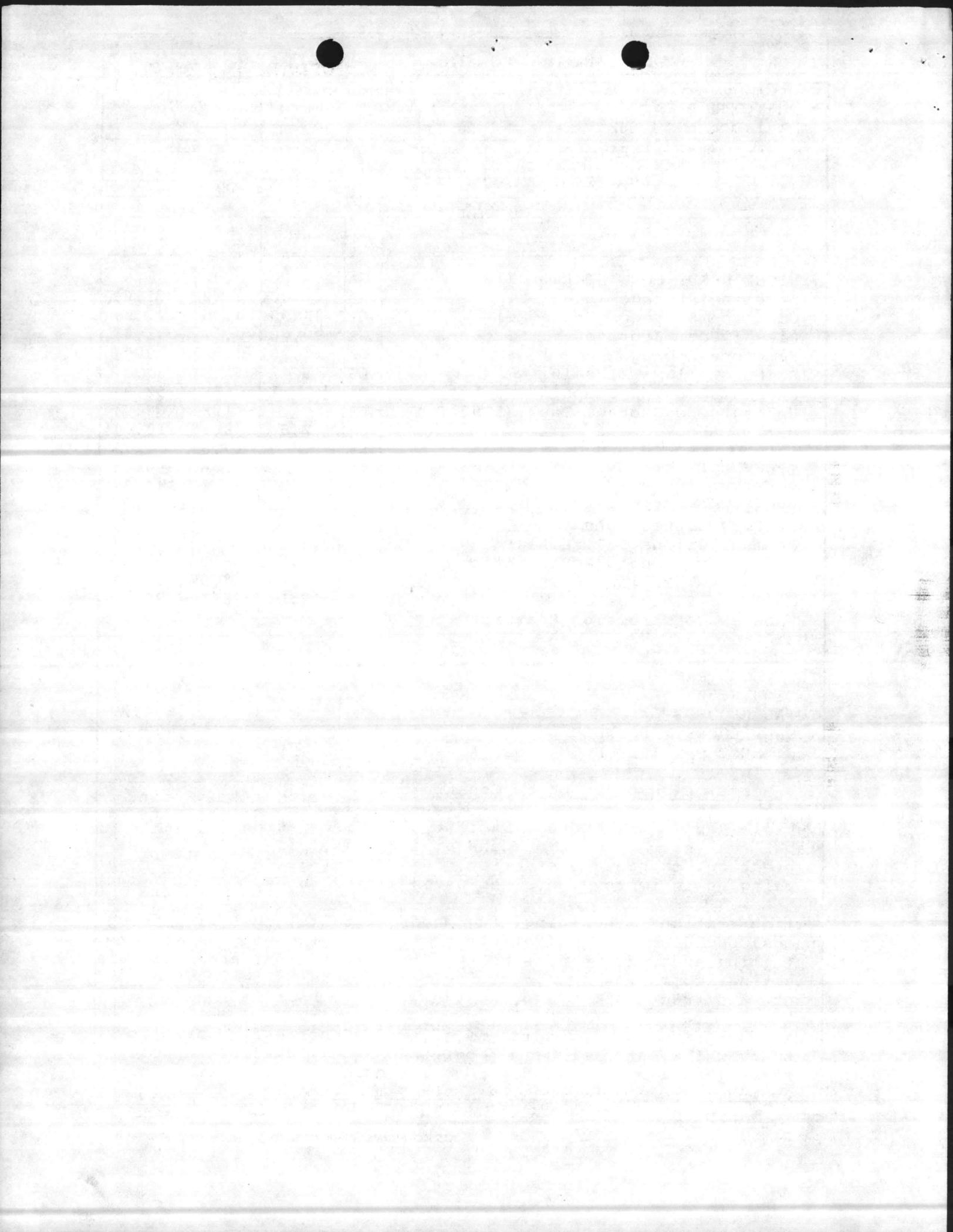
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
VEHICLE READY FUEL STORAGE (124-50)	GA	154,000	0.90	138.6
Gasoline Storage (Regular)	GA	24,000	0.90	(21.6)
Gasoline Storage (Unleaded)	GA	30,000	0.90	(27.0)
Diesel Fuel Storage	GA	90,000	0.90	(81.0)
Kerosene Storage	GA	10,000	0.90	(9.0)
FILLING STATION: (123-10)	LS			261.2
Fuel Dispensing Pumps	OL	10	5K	(50.0)
Underground Storage Tank (5000 GA)	EA	4	15K	(60.0)
Metal Canopy	SF	12,500	8.85	(110.0)
Attendants Booth	SF	70	17.65	(1.2)
Truck Fill Stand	OL	4	10K	(40.0)
ADMINISTRATIVE BUILDING (123-15)	SF	1,200	70.00	84.0
SUPPORTING FACILITIES	LS	-	-	1027.7
Utility Connections	LS	-	-	(98.0)
Communications & Fire Alarm Sys	LS	-	-	(11.0)
Site Improvements & Demolition	SY	61,500	8.25	(507.3)
Pavements: Rigid & Flexible	SY	6,000	13.90	(83.4)
Concrete Pipe Chase	LF	2,500	31.20	(78.0)
Special Construction Features	LS			250.0
SUBTOTAL				1,511.5
Contingency 5%				75.5
TOTAL CONTRACT COST				1,587.0
SIOH 5.5%				87.0
TOTAL REQUEST				1,674.0
TOTAL REQUEST (ROUNDED)				1,700
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON ADD)				-0-

10. Description of Proposed Construction:

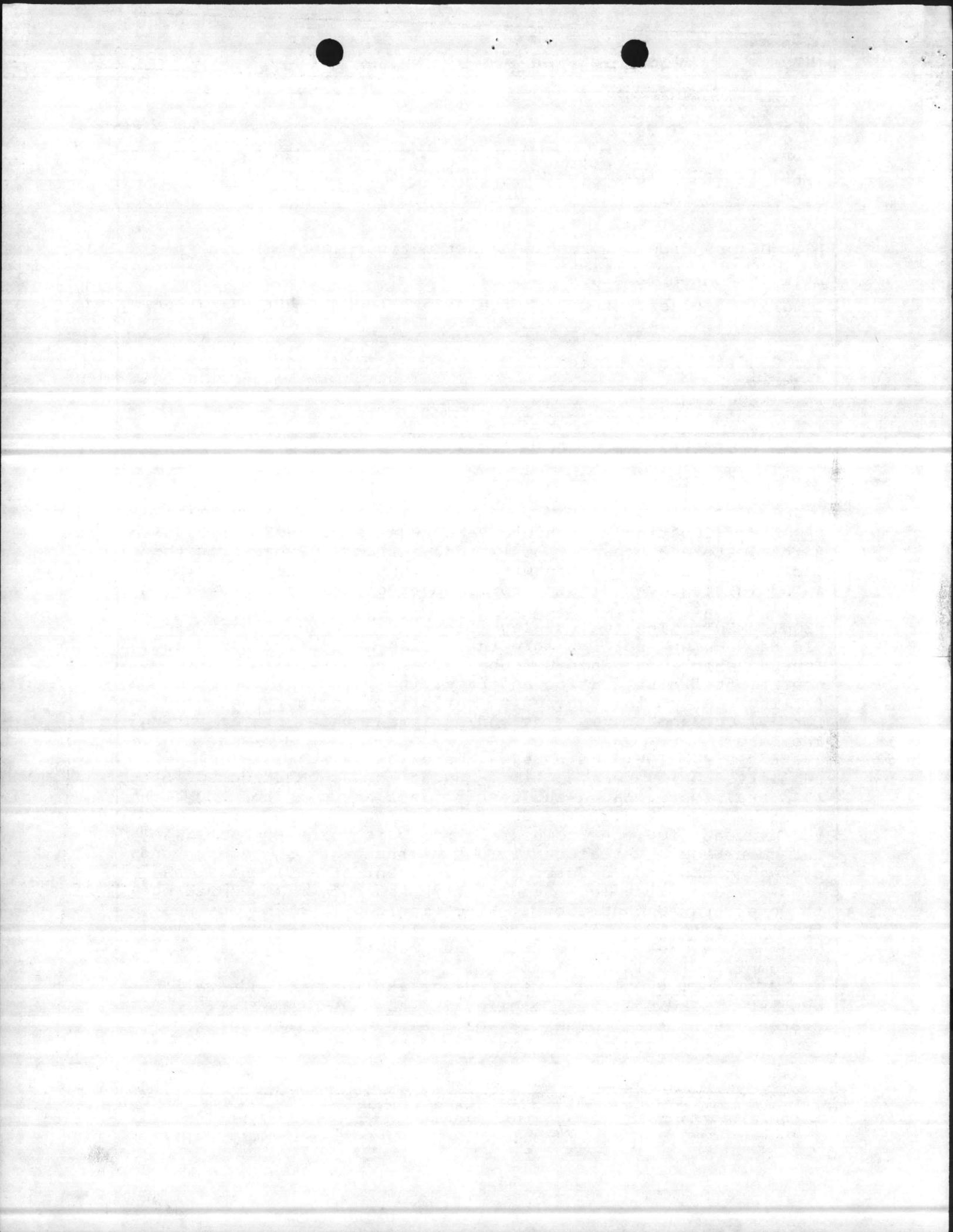
Vehicle/Ready Fuel Storage Facility with above-ground storage tanks, concrete foundations and pipe chases, piping, fire protection, cathodic protection, area lighting, security fencing, site improvements and paved access roads.

Filling Station with piping, fuel storage tanks, fuel dispensing pumps, paved access and refueling area, metal canopy cover for refueling area, attendants booth, fire protection, area lighting, communications, utility connections, site improvements and truck fill stand.

Administrative Building with reinforced concrete foundation, masonry walls, steel framing, built-up roof, interior support systems (i.e.: heating and air conditioning, fire protection, plumbing, etc.); paved parking, site improvements and



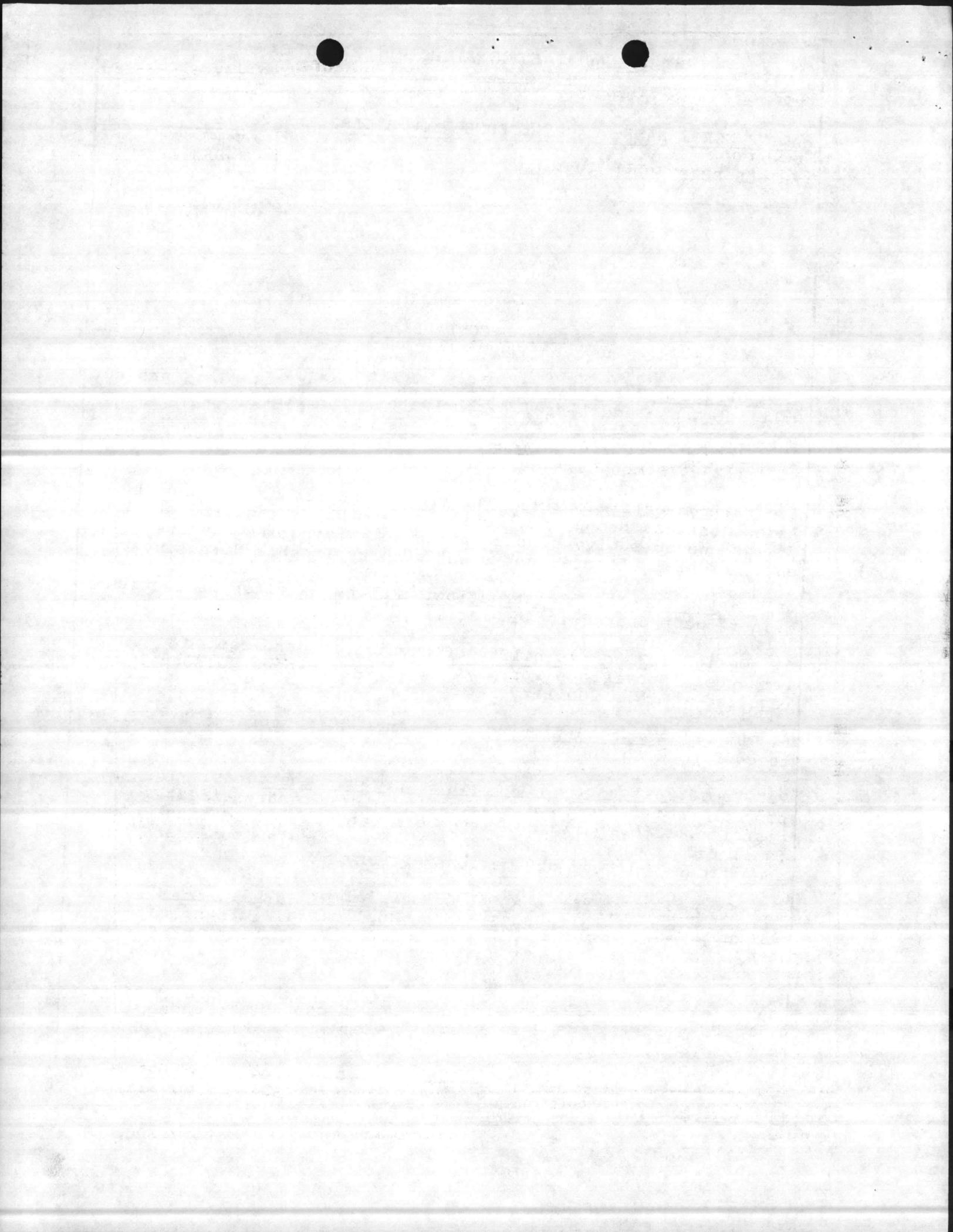
1 COMPONENT NAVY	FY 19 <u> </u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 5 Feb 87												
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542														
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853													
<p>10. <u>Description of proposed construction: (cont'd)</u> utility connections. Demolition of existing bulk fuel storage and filling station facilities. Air Conditioning: 3 tons.</p>														
<p>11. <u>REQUIREMENT:</u></p> <table border="0" data-bbox="305 724 1214 856"> <thead> <tr> <th>CAT CODE</th> <th>ADEQUATE</th> <th>SUBSTANDARD</th> </tr> </thead> <tbody> <tr> <td>124-50 154,000 GA</td> <td>0 GA</td> <td>199,000 GA</td> </tr> <tr> <td>123-10 56 OL</td> <td>23 OL</td> <td>0 OL</td> </tr> <tr> <td>123-15 1,200 SF</td> <td>0 SF</td> <td>798 SF</td> </tr> </tbody> </table> <p><u>PROJECT:</u> Construct a Vehicle Ready Fuel Storage Facility with a total storage capacity of 128,000 gallons. Project is to include a filling station with fuel dispensing capabilities and an administrative building for support of the fuel storage and filling station facilities.</p> <p><u>REQUIREMENT:</u> The fuel storage facility is required for providing back up fuel for more than 4,100 Government owned and leased vehicles at Camp Lejeune. The facility will be the central fuel distribution and receiving point for the Base. A filling station is required to establish a main refueling point for all Government vehicles and equipment which travel through the Base.</p> <p><u>CURRENT SITUATION:</u> Camp Lejeune's existing fuel storage facility and its related filling station was constructed in the 1943 era. Maintenance and repair funds are continuously being spent on these facilities due to deteriorated conditions. At the present time, an Engineering Study is being conducted to determine the physical conditions of the existing underground storage tanks and to determine the extent of soil contamination where applicable. Several tanks have been abandoned due to deteriorated conditions. Since the construction of these facilities in 1943, the number of military vehicles at Camp Lejeune has greatly increased; thus causing yearly fuel consumption levels to climb.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Maintenance and repair funds will continue to be utilized to maintain the inadequate fuel storage facilities. The lack of adequate fuel storage capacity will impair the combat readiness of the Base.</p>			CAT CODE	ADEQUATE	SUBSTANDARD	124-50 154,000 GA	0 GA	199,000 GA	123-10 56 OL	23 OL	0 OL	123-15 1,200 SF	0 SF	798 SF
CAT CODE	ADEQUATE	SUBSTANDARD												
124-50 154,000 GA	0 GA	199,000 GA												
123-10 56 OL	23 OL	0 OL												
123-15 1,200 SF	0 SF	798 SF												



1. COMPONENT NAVY	FY 1990 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 5 Feb 87
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	

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 has been made, reviewed, and where required, the design concepts give consideration to eliminating adverse environmental effects consistent with applicable directives.
4. Fallout Shelter Construction: Fallout shelter protection is not incorporated in the facility.
5. Design for Accessibility of Physically Handicapped Personnel: Provisions for physically handicapped personnel are required in this facility.
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: The project facility does not directly or indirectly affect a district, site, building, structure, object, or setting which is listed in the National Register or otherwise possess a significant quality of American History.
8. "New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76): Not applicable.



1. COMPONENT NAVY	FY 19 <u>82</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 5 Feb 87
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE		5. PROJECT NUMBER P-853
<p style="text-align: center;"><u>FACILITY STUDY</u></p> <p>1. <u>Project</u>: Provide a Vehicle Ready Fuel Storage facility with a total storage capacity of 154,000 gallons. Provide a filling station with fuel dispensing capabilities and an administrative building for support of the fuel storage and filling station facilities.</p> <p>2. <u>Current and Planned Future Workload with Regard to this Project</u>: The duration of need is indefinite and the facilities will be utilized 100% of the time.</p> <p>3. <u>Description of Proposed Construction</u>:</p> <p style="padding-left: 40px;">a. <u>Type of Construction</u>: Permanent fuel storage facility and filling station with above ground storage tanks, administrative building, fuel dispensing pumps, utility connections, paved access roads and parking and utility connections.</p> <p style="padding-left: 40px;">b. <u>Replacement</u>: This project replaces 792,000 gallons (192,000 GA in Category Code 124-50 and 600,000 GA in category code 821-60) of inadequate fuel storage facilities, a filling station with dispensing outlets (Category Code 123-10) and filling station administrative building (category Code 123-15) of 798 Square Feet. For more details see paragraph 3.c.(4).</p> <p style="padding-left: 40px;">c. <u>Description of Work to be Done</u>:</p> <p style="padding-left: 80px;">(1) <u>Primary Facilities</u>: Fuel storage facility with above ground storage tanks, with concrete foundations, piping, fire protection, cathodic protection, area lighting, security fencing, site improvements and paved access roads.</p> <p style="padding-left: 80px;">Filling station with piping to fuel storage tanks, fuel dispensing pumps, paved access roads and refueling areas, metal canopy cover for refueling area, fire protection, area lighting, communications, utility connections and site improvements.</p> <p style="padding-left: 80px;">Administrative building with reinforced concrete foundation, masonry walls, steel framing, built-up roof, interior support systems, (i.e.: heating and air conditioning, fire protection, plumbing, etc.), paved parking, site improvements</p>		

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1. COMPONENT NAVY	FY 19 <u>90</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 5 Feb 87
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE		5. PROJECT NUMBER P-853

and utility connections.

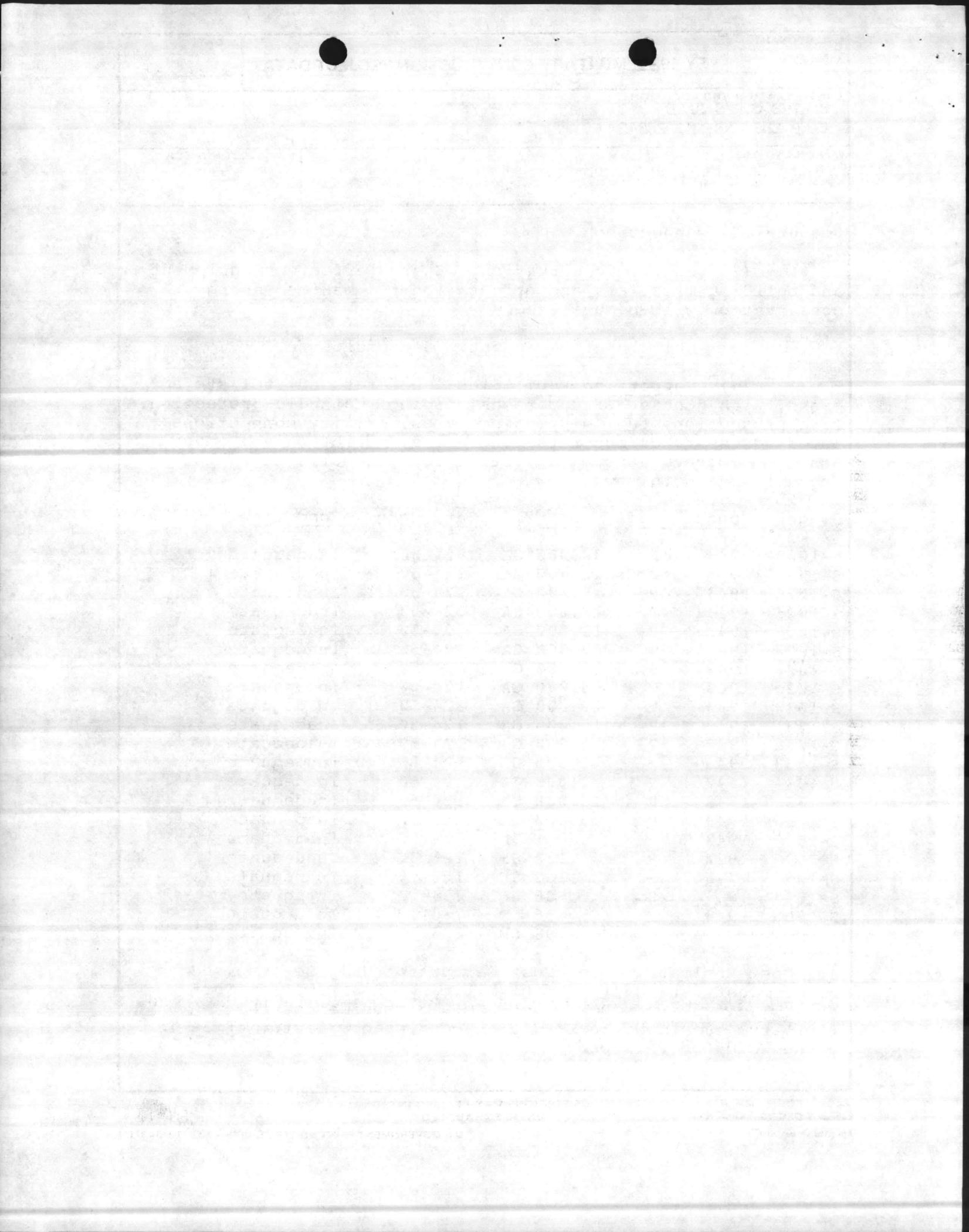
(2) Energy Conservation: Energy efficient equipment and building materials and orientation for maximum energy conservation will be utilized.

(3) Collateral Equipment: See enclosure (1).

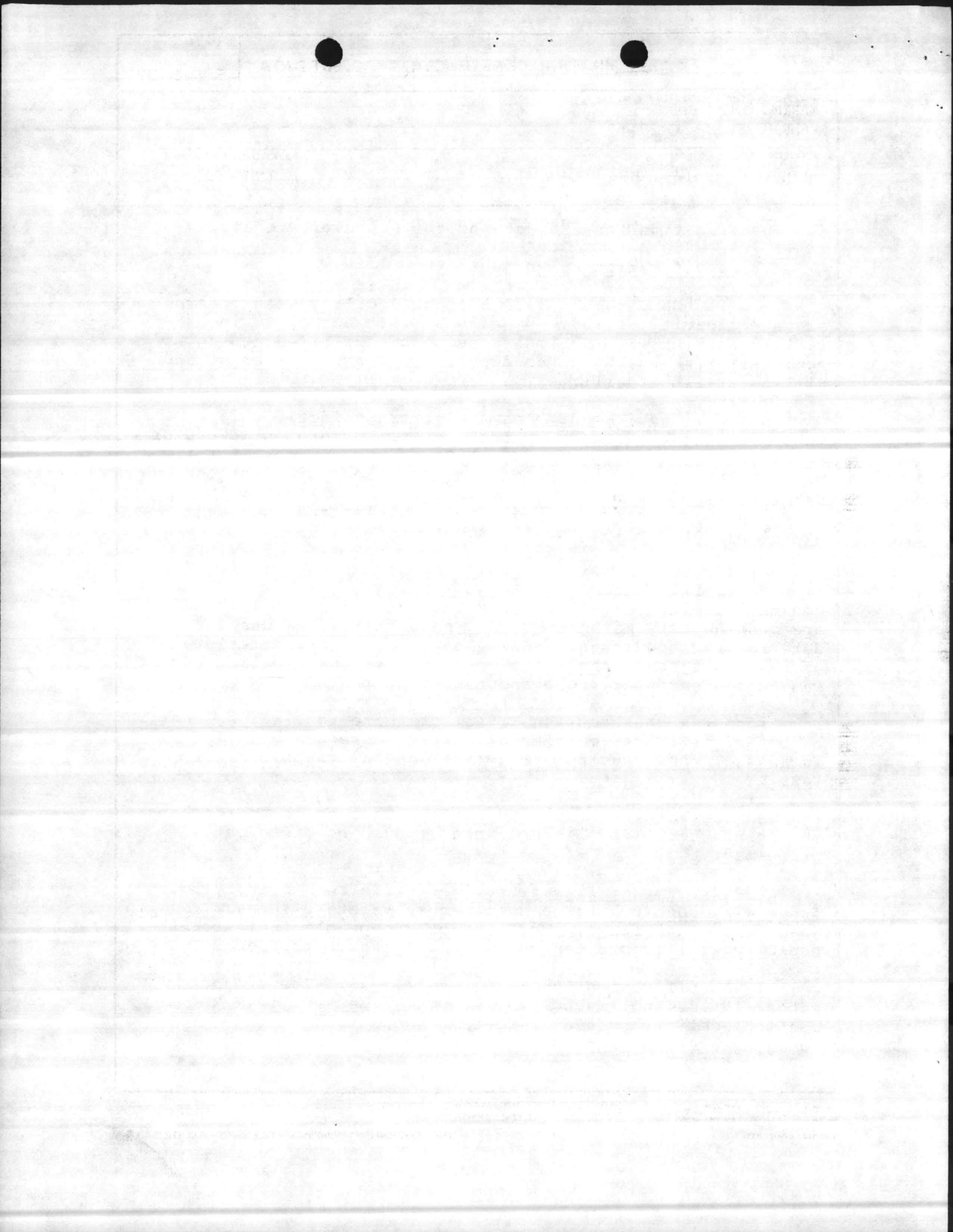
(4) Supporting Facilities: Underground fuel storage tanks, with concrete foundations, piping, cathodic protection, fire protection, fuel dispensing pumps, utility connections, paved access roads and refueling areas, pollution abatement and site improvements. Facilities to be demolished by this project are as follows:

Bldg #	Date	Const. Type	U/M	Use	Cat. Code	Condition
S-1009	1943	P	600,000	GA	821-60	Inadequate
S-1023	1943	P	12,000	GA	124-50	Inadequate
S-1024	1943	P	15,000	GA	124-50	Inadequate
S-1025	1943	P	12,000	GA	124-50	Inadequate
S-1026	1943	P	15,000	GA	124-50	Inadequate
S-1027	1943	P	15,000	GA	124-50	Inadequate
S-1028	1943	P	15,000	GA	124-50	Inadequate
S-1029	1943	P	15,000	GA	124-50	Inadequate
S-1030	1943	P	12,000	GA	124-50	Inadequate
S-1031	1943	P	15,000	GA	124-50	Inadequate
S-1032	1943	P	12,000	GA	124-50	Inadequate
S-1033	1943	P	12,000	GA	124-50	Inadequate
S-1034	1943	P	12,000	GA	124-50	Inadequate
S-1035	1943	P	15,000	GA	124-50	Inadequate
S-1036	1943	P	15,000	GA	124-50	Inadequate
S-1037	1943	P	1	OL	123-10	Inadequate
S-1038	1972	P	132	SF	126-30	Inadequate
S-1039	1943	P	132	SF	126-30	Inadequate
S-1040	1948	P	36	SF	730-12	Inadquate
S-1056	1948	P	36	SF	730-12	Inadequate
1002	1942	P	798	SF	123-15	Inadequate

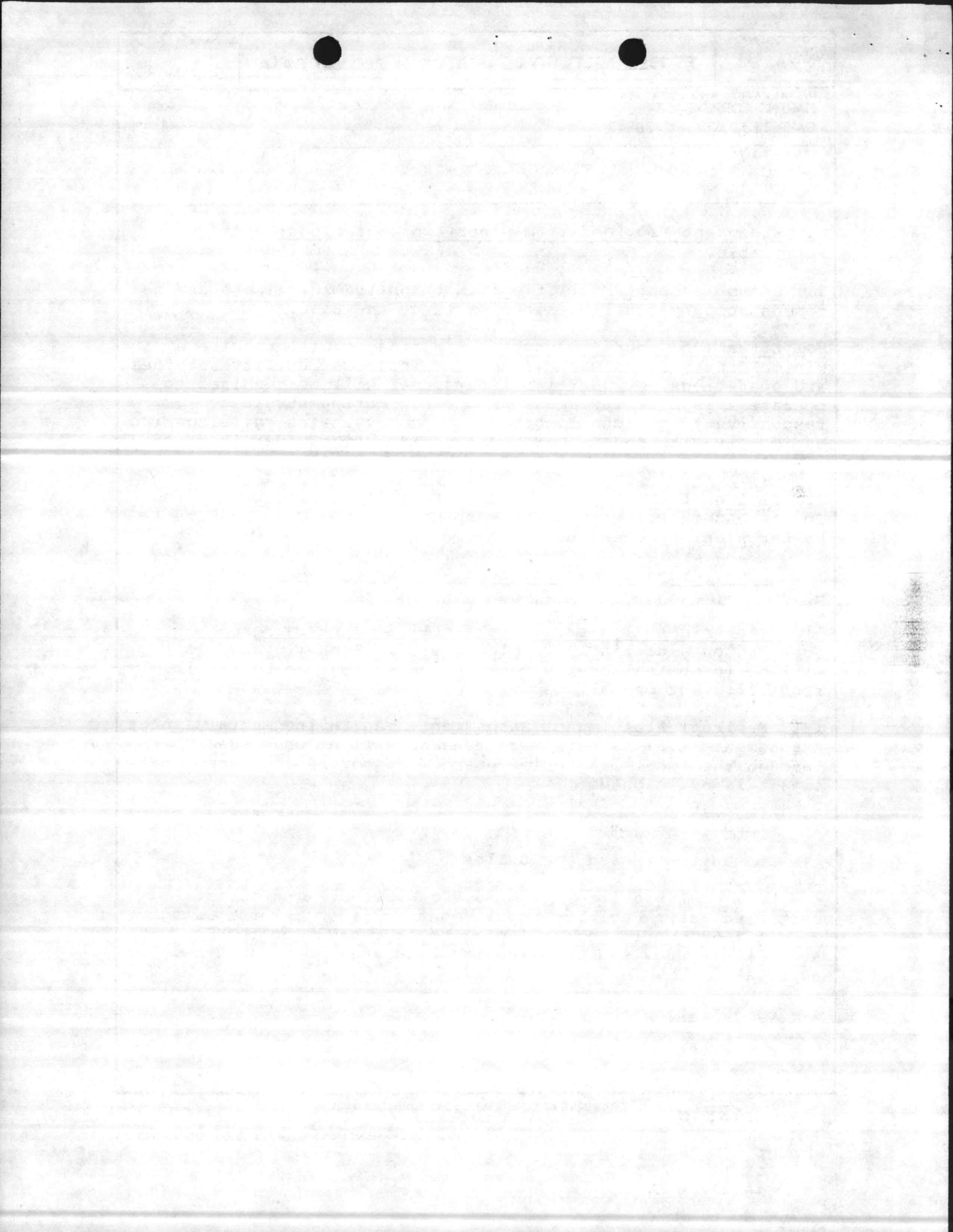
4. Cost Estimate: Area Cost Factor for Camp Lejeune, NC is 0.86. Cost data derived from Military Construction Cost Review Guide FY-82 (DOD 4270.1-CG) to provide for this facility, escalated to FY-90. A contingency factor of 5% is being used for this project.



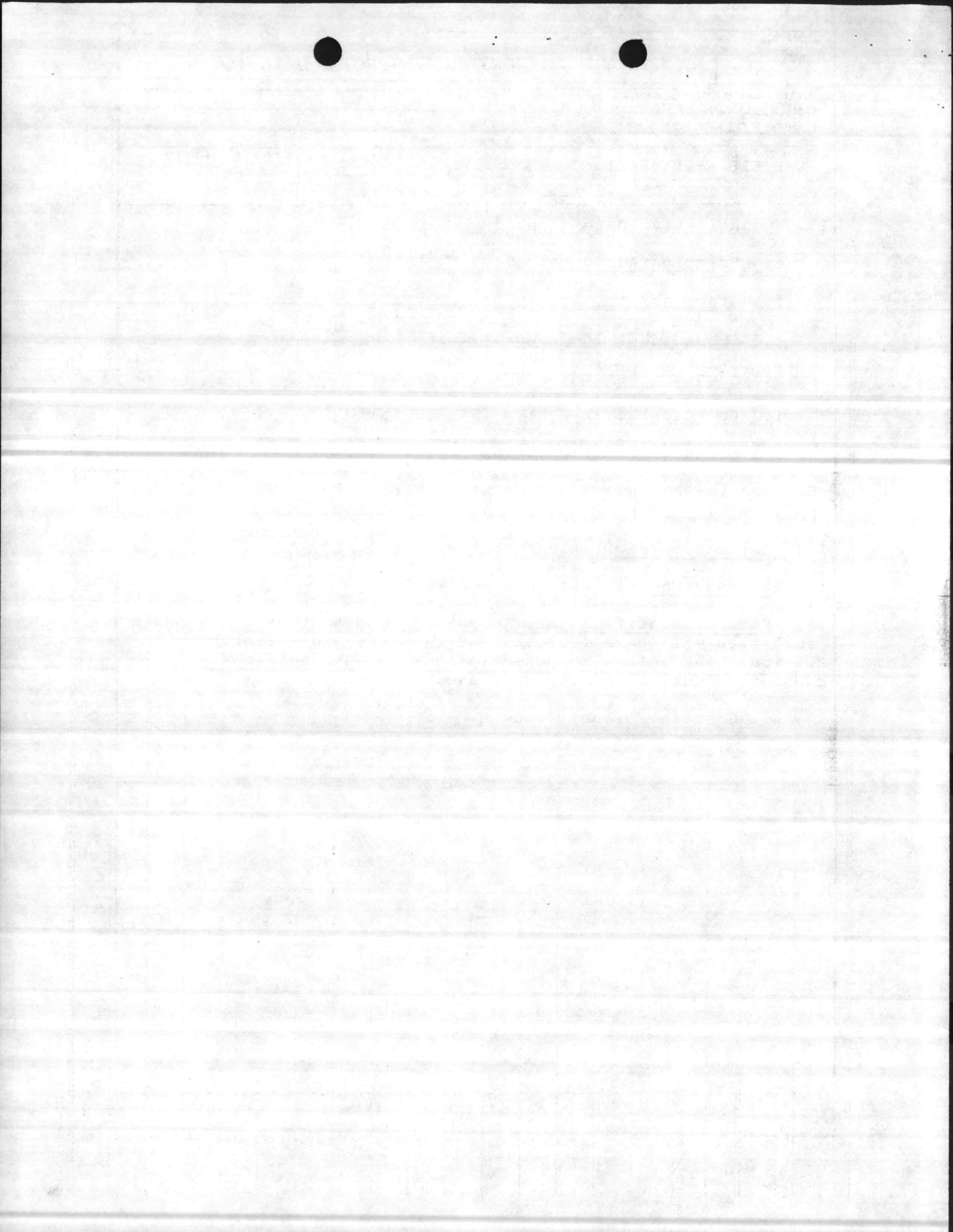
1. COMPONENT NAVY	FY 1987 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 5 Feb 87
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE		5. PROJECT NUMBER P-853
<p>5. Justification for Project and for Scope of Project:</p> <p>a. <u>Justification of Project:</u></p> <p>(1) Construct a Fuel Storage facility with a total storage capacity of 154,000 gallons. Project is to include a filling station with fuel dispensing capabilities and an administrative building for support of the Fuel Storage and Filling Station facilities.</p> <p>(2) <u>Requirement:</u> The fuel storage facility is required to provide back up fuel for all Government owned or leased vehicles and equipment at Camp Lejeune. The facility will be the fuel distribution and receiving point for the Base. A filling station is required to establish a main refueling point for all Government vehicles and equipment traveling through the Industrial Area of the Base.</p> <p>(3) <u>Current Situation:</u> Camp Lejeune's existing fuel storage facility and its related filling station was constructed in the 1943 era. Maintenance and repair funds are continuously being spent on these facilities due to deteriorated conditions. Fuel leaks due to the deterioration of the underground tanks has caused soil contamination and it was deemed necessary to abandon several tanks.</p> <p>Since the construction (1943) of these facilities, the number of military vehicles at Camp Lejeune has greatly increased, thus causing yearly fuel consumption levels to soar.</p> <p>The fuel storage facility at Camp Lejeune is approaching the point where its mission can no longer be efficiently performed.</p> <p>(4) <u>Impact If Not Provided:</u> Maintenance and repair funds will continue to be utilized to maintain these inadequate facilities. The lack of acceptable fuel storage capacity will impair the combat readiness of the Base.</p> <p>b. <u>Justification for Scope of Project:</u> The project scope, 154,000 gallons is the minimum size facility that can meet the deficiency requirements for the Fuel Storage Facility needs of the Base.</p>		



1 COMPONENT NAVY	FY 19 <u> </u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 5 Feb 87
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>6. <u>Equipment Provided from Other Appropriations:</u> Not applicable.</p> <p>7. <u>Common Support Facilities:</u> Not applicable. There are no common support facilities available at the Base.</p> <p>8. <u>Effect On Other Resources:</u> The project will require a minimal increase in O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977, and implemented by NAVFACINST 4100.5A.</p> <p>9. <u>Siting of the Project:</u> These facilities will be located in the Hadnot Point Area, in keeping with the Camp Lejeune Master Plan. See enclosure (2).</p> <p>10. <u>Other Graphic Presentations, including Photographs:</u> See Facilities Planning Document (enclosure (3)).</p> <p>11. <u>Economic Analysis:</u> These facilities are being constructed on a partially developed site. Economic savings will be in nominal energy consumption savings to be realized from efficient operations.</p> <p>12. <u>Environmental Impact Assessment:</u> An Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated.</p> <p>13. <u>Quantitative Data:</u></p> <p style="padding-left: 40px;">a. <u>Unit of Measure:</u> Gallons</p> <p style="padding-left: 40px;">b. <u>Total Requirement:</u> 154,000 Gallons. The latest certified Basic Facility Requirement (276,340 SF) for Category Code 124-50, no longer reflects the true needs of the Base. Accordingly, revised BFRL requirements are being submitted for approval.</p> <p style="padding-left: 40px;">c. <u>Existing Substandard:</u> 0</p> <p style="padding-left: 40px;">d. <u>Existing Inadequate:</u> 792,000 Gallons</p>		



1. COMPONENT NAVY	FY 19 <u>87</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 5 Feb 87
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE		5. PROJECT NUMBER P-853
<p>13. <u>Quantitative Date (cont'd):</u></p> <p>e. <u>Existing Adequate:</u> 0</p> <p>f. <u>Other Assets, Not in Inventory:</u> 0</p> <p>g. <u>Funded, Not in Inventory:</u> 0</p> <p>h. <u>Adequate Assets:</u> (e + f + g) = 0</p> <p>i. <u>Deficiency:</u> (b - h) = 154,000 Gallons</p> <p>14. <u>Maintenance Facility:</u> Not applicable.</p> <p>15. <u>Morale, Welfare and Recreation Facilities:</u> Not applicable.</p> <p>16. <u>Relocation Facilities:</u> Not applicable.</p> <p>17. <u>Storage Facilities:</u> Not applicable.</p> <p>18. <u>Hazard Identification, Assessment and Analysis:</u> Proposed facilities will be a fuel storage facility and a filling station. The following potential hazardous conditions will be considered during the design phase:</p> <p>a. Gasoline/Diesel Fumes</p> <p>b. Fire</p>		



COST ESTIMATE

DATE PREPARED
5 Feb 87

SHEET 1 OF 2

ACTIVITY AND LOCATION
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542

PROJECT TITLE
VEHICLE READY FUEL STORAGE

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER
P-853

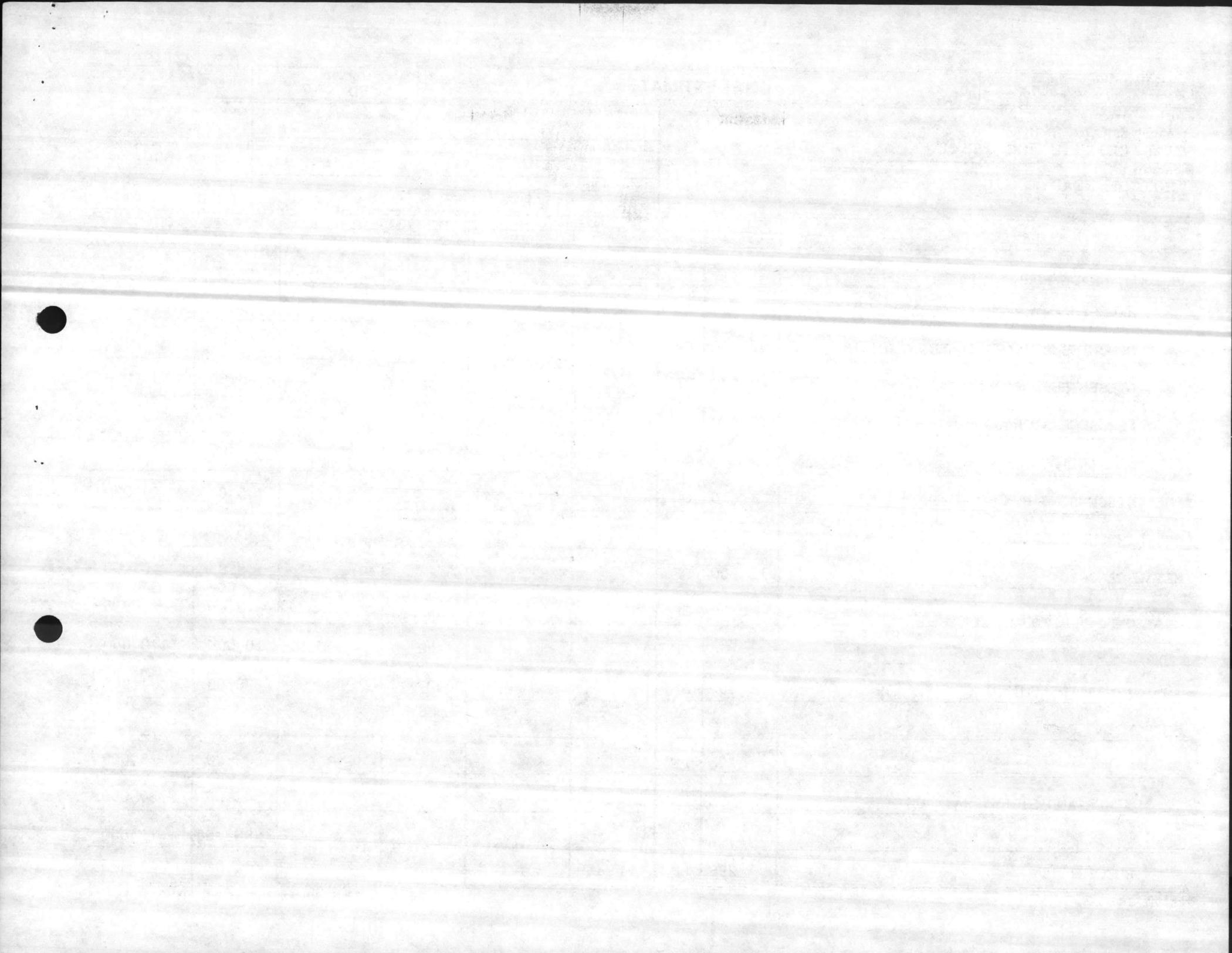
ESTIMATED BY
W. L. BRANT

CATEGORY CODE NUMBER
124-50

STATUS OF DESIGN
 PED 30% 100% FINAL Other (Specify) Project

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
VEHICLE READY FUEL STORAGE:								
GASOLINE STORAGE (REGULAR)	24,000	GA					0.90	21,600
GASOLINE STORAGE (UNLEADED)	30,000	GA					0.90	27,000
DIESEL FUEL STORAGE	90,000	GA					0.90	81,000
KEROSENE STORAGE	10,000	GA					0.90	9,000
FILLING STATION:								
FUEL DISPENSING PUMPS (DOUBLE)	10	OL					5,000	50,000
UNDERGROUND STORAGE TANK (5,000 GA)	4	EA					15,000	60,000
METAL CANOPY	12,500	SF					8.85	110,000
ATTENDANT'S BOOTH	70	SF					17.65	1,235
TRUCK FILL STAND	4	OL					10,000	40,000
ADMINISTRATIVE BUILDING	1,200	SF					70.00	84,000
SUPPORTING FACILITIES:								
WATER	676	LF					22.20	15,000
SEWER AND STORM DRAINAGE	595	LF					45.37	27,000
STEAM	150	LF					90.00	13,500
ELECTRICITY	295	LF					144.06	42,500



COST ESTIMATE

DATE PREPARED
5 Feb 87

SHEET 2 OF 2

ACTIVITY AND LOCATION

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

PROJECT TITLE

VEHICLE READY FUEL STORAGE

CONSTRUCTION CONTRACT NO.

ESTIMATED BY

W. L. BRANT

STATUS OF DESIGN

PED 30% 100% FINAL Other (Specify) Project

IDENTIFICATION NUMBER

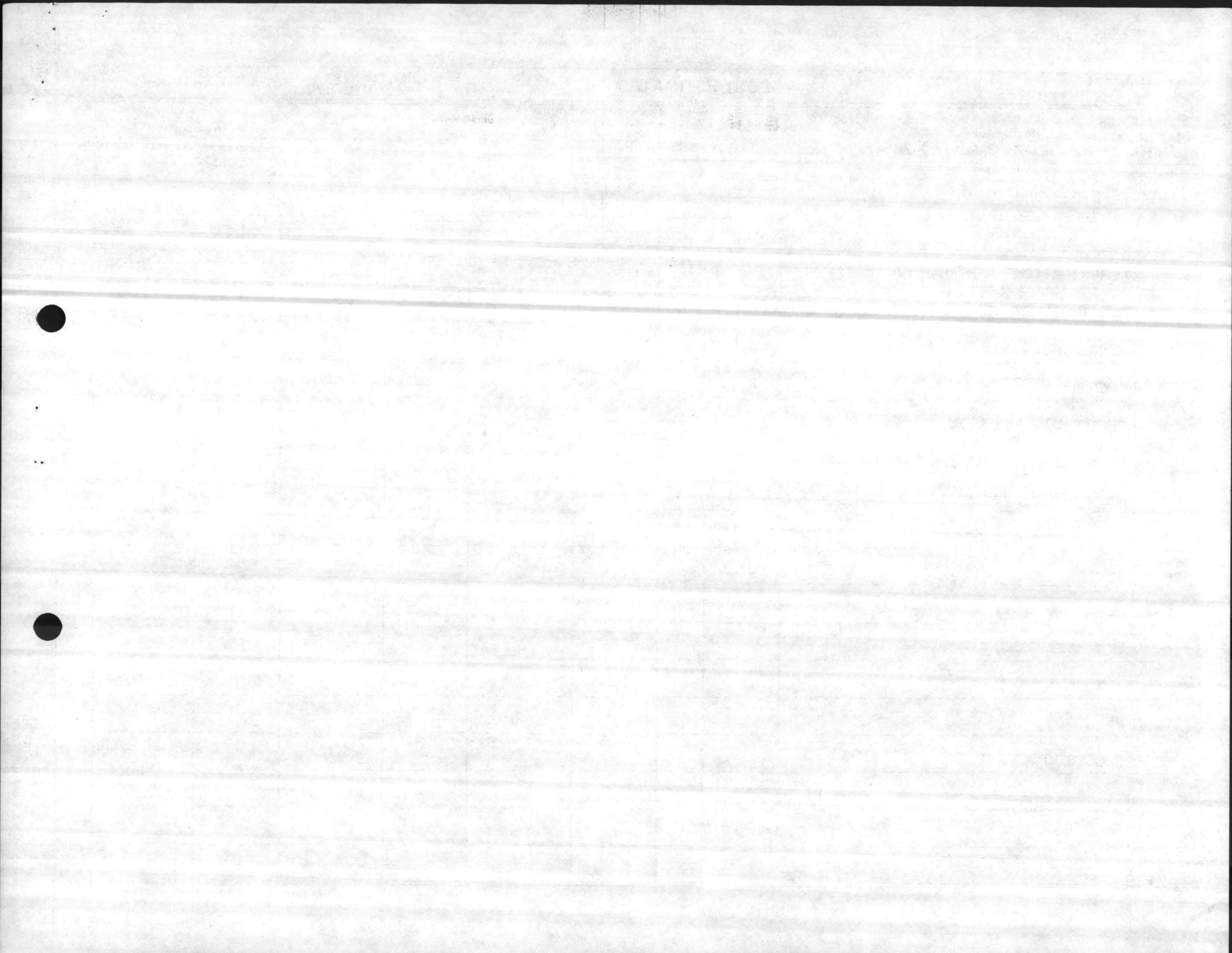
P 853

CATEGORY CODE NUMBER

124-50

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
COMMUNICATIONS & FIRE ALARM	1	LS						11,000
SITE IMPROVEMENTS & DEMOLITION	61,500	SY					8.25	507,300
PAVEMENTS: RIGID AND FLEXIBLE	6,000	SY					13.90	83,400
CONCRETE PIPE CHASE	2,500	LF					31.20	78,000
SPEC CONST. FEATURES (i.e.: concrete foundations, pollution abatement structures, security fencing, security lighting etc.)	1	LS					-	250,000
							-	-
							-	-
SUBTOTAL								1,511,535
CONTINGENCY 5%								75,500
TOTAL CONTRACT COST								1,587,035
SIOH 5.5%								87,000
TOTAL REQUEST								1,674,035
TOTAL REQUEST ROUNDED								1,700,000

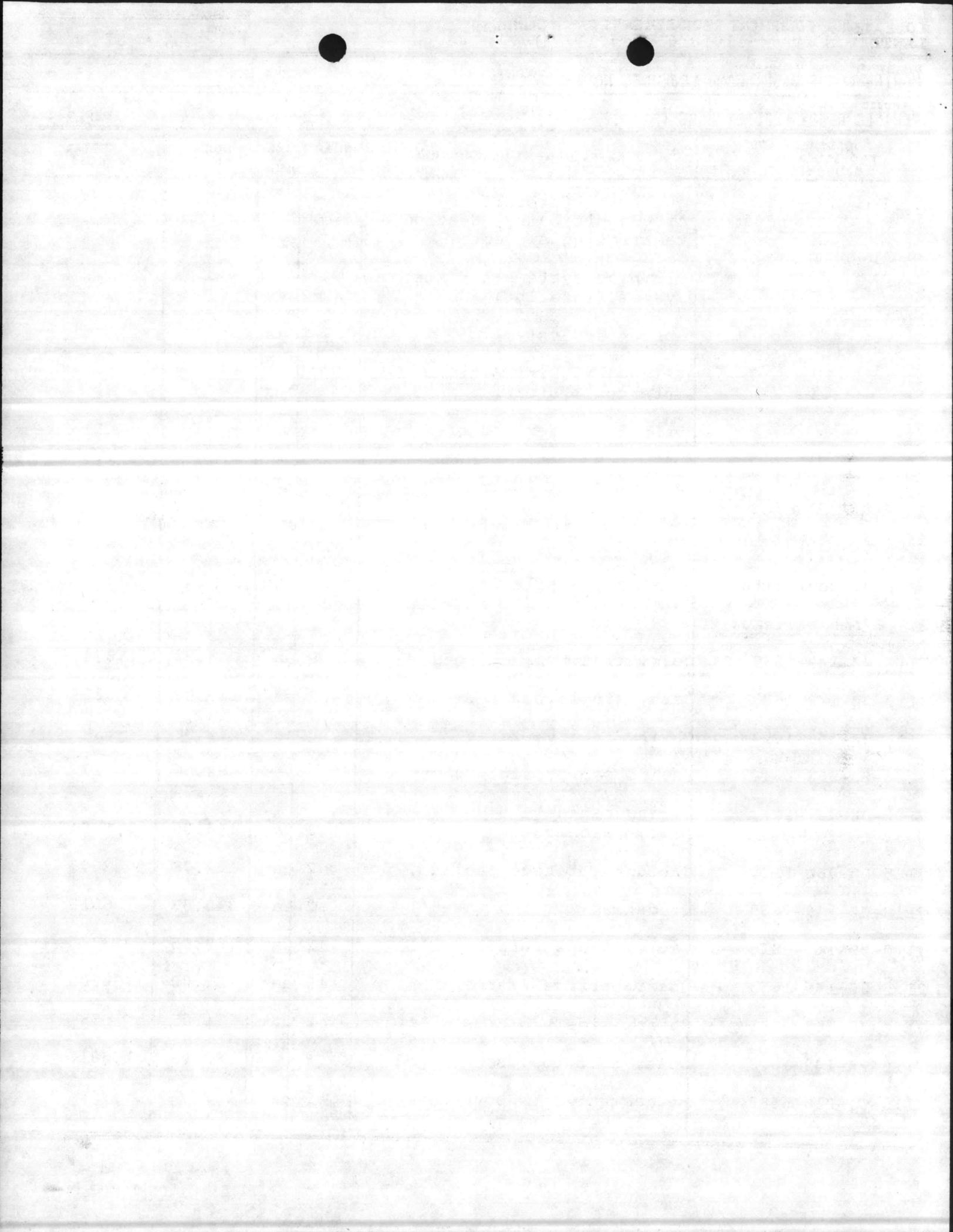


1. ACTIVITY (Name and Location)
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

2. PROJECT TITLE
 VEHICLE READY FUEL STORAGE (FY-90)

P. NO.
 P-853

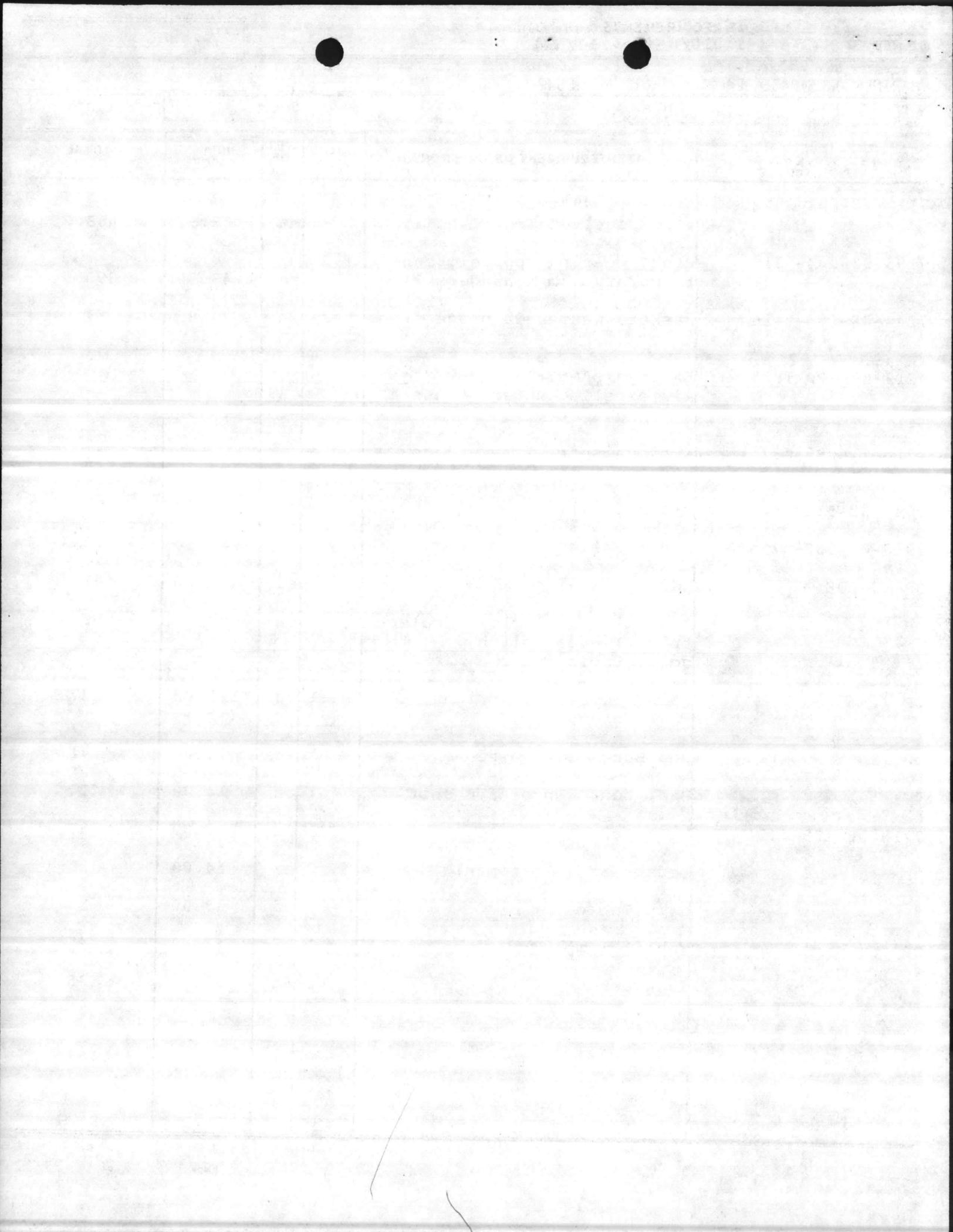
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
1. Built In Eqpt to be MCON Funded:	*Air Conditioning, Heating & ventilating systems		sys		
	*Plumbing systems and Steam system (interior)		sys		
	*Sprinkler System		sys		
	*Telephone, Fire Alarm & intercom systems		sys		
	*Drinking water coolers		ea		
	*Blinds, venetian, light tight and window screens		pr		
	*Public address system		sys		
*Equipment with associated installation cost.					
2. Expense Items:					
7110-00-149-1630	Desk, flat top, dbl ped	8	ea	234.23	1,874
7110-00-149-1628	Desk, single ped	2	ea	180.09	360
7110-00-149-1653	Chair, rotary w/arms	10	ea	82.00	820
7110-00-958-8044	Chair, secretarial rotary	8	ea	64.60	517
7110-00-497-2012	Filing cabinet, 5 dwr, legal size, parchment	8	ea	146.20	1,170
7125-00-764-6129	Cabinet, storage, dbl dr.	2	ea	132.78	266
7110-00-149-1659	Credenza	2	ea	340.39	681
7110-00-113-0816	Table, gen'l purpose	2	ea	168.45	337
7110-00-149-1653	Chair, office w/arms	10	ea	82.00	820
7110-00-149-2075	Chair, side w/o arms	8	ea	71.05	568
7110-00-149-1628	Desk, flat top, single ped	6	ea	180.09	1,081
7110-01-016-6580	Attachment for above desk	6	ea	132.93	798



1. ACTIVITY (Name and Location)
 MARINE CORPS BASE, CAMP LEJEUNE, NC 28542

2. PROJECT TITLE
 VEHICLE READY FUEL STORAGE (FY-90) P. NO. P-853

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
7110-00-601-9822	Bookcase, 48" overall 2 adj shelves	8	ea	82.92	663
7195-00-004-6716	Rack, wearing apparel, con- temporary 6 mtl hangers	8	ea	49.39	395
7240-00-285-5416	Basket, waste, 24 guage steel	20	ea	2.85	57
4210-00-720-1815	Extinguisher, fire 2-1/2 gal air expelled water, Class A stainless steel	6	ea	25.98	156
4210-01-089-0875	Extinguisher, fire, 20 lb Halon	6	ea	90.00	540
6645-00-514-3523	Clock, wall	12	ea	8.20	98
7910-00-680-8296	Floor Polisher	1	ea	209.90	210
OP MONROE	Adding Machine	1	ea	400.00	400
OP IBM	Typewriter, electric, selec- tric II, dual pitch, correctable	3	ea	850.00	2,550
OP	Vacuum cleaner, upright	1	ea	127.00 (est)	127
OP (DUTY ROOM)	Bed Bunk, king size	1	ea	71.00	71
"	Bed, bunk conversion unit	1	ea	14.00	14
7210-00-139-6424	Mattress	1	ea	54.00	54
OP	Bedspread (2 per man)	2	ea	14.00	28
"	Lamp Table	1	ea	33.00	33
OP	Table, lamp	1	ea	45.00	45
	Tackboard	1	ea	35.00	35
	TOTAL EXPENSE ITEMS				14,768

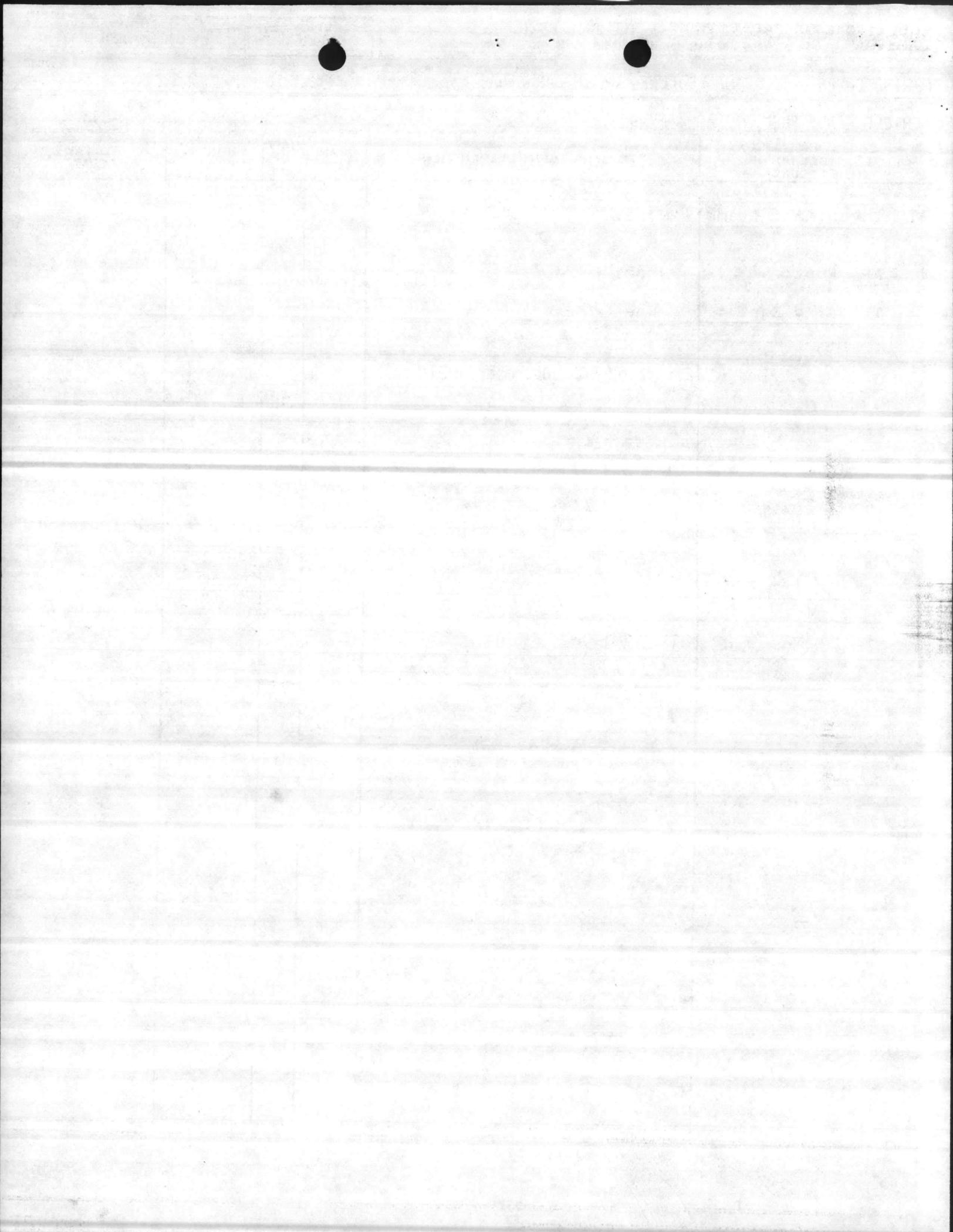


1. ACTIVITY (Name and Location)
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

2. PROJECT TITLE
 VEHICLE READY FUEL STORAGE (FY-90)

P. NO.
 P-853

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
3. <u>Investment Items:</u>	None.				
4. <u>APA Eqpt:</u>	None.				
5. <u>Training Eqpt.:</u>	None				
Estimated BOD December 1991					



REQUEST FOR PROJECT SITE APPROVAL

NAVMC 11069 (11-80)

FORM 0000-00-006-7880 U/I: PADS OF 50

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

PROJECT NUMBER
P-853

ACTIVITY UIC
67001

(4700)

SECTION A
FOR USE BY REQUESTER

FROM
Commanding General, Marine Corps Base, Camp Lejeune, NC 28542

CATEGORY CODE AND PROJECT TITLE 124-50 VEHICLE READY FUEL STORAGE	TYPE OF FUNDING MCON	COST (\$000) 1,560	PROGRAM YEAR FY-89
--	-------------------------	-----------------------	-----------------------

PROJECT DESCRIPTION Construct a Vehicle Ready Fuel Storage Facility with a total storage capacity of 925,000 gallons. Project will include a filling station w/fuel dispensing capabilities and an administrative building.	REMARKS Present site constructed in 1943. Continuous maintenance is needed to repair deteriorated underground tanks.
---	--

TYPE OF MAP Site Location Map (encl 1)	DATE -	REQUESTED BY (Typed name and signature) <i>R. A. Tiebout</i> R. A. TIEBOUT	DATE JUL 1 1985
---	-----------	--	--------------------

ANALYSIS By direction

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

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

COMPATIBLE WITH ACTIVITY MASTER PLAN (Check appropriate box)

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

CRITERIA CERTIFICATION(S) REQUESTED (Check)

- DDESB
 CNO
 NAVSEA
 NAVELEX
 NAVAIR
 OTHER:

DATE CERTIFICATION(S) RECEIVED

DDESB	CNO	NAVSEA	NAVELEX	NAVAIR	OTHER

ACTION
 APPROVED
 DISAPPROVED
 DEFERRED

REMARKS

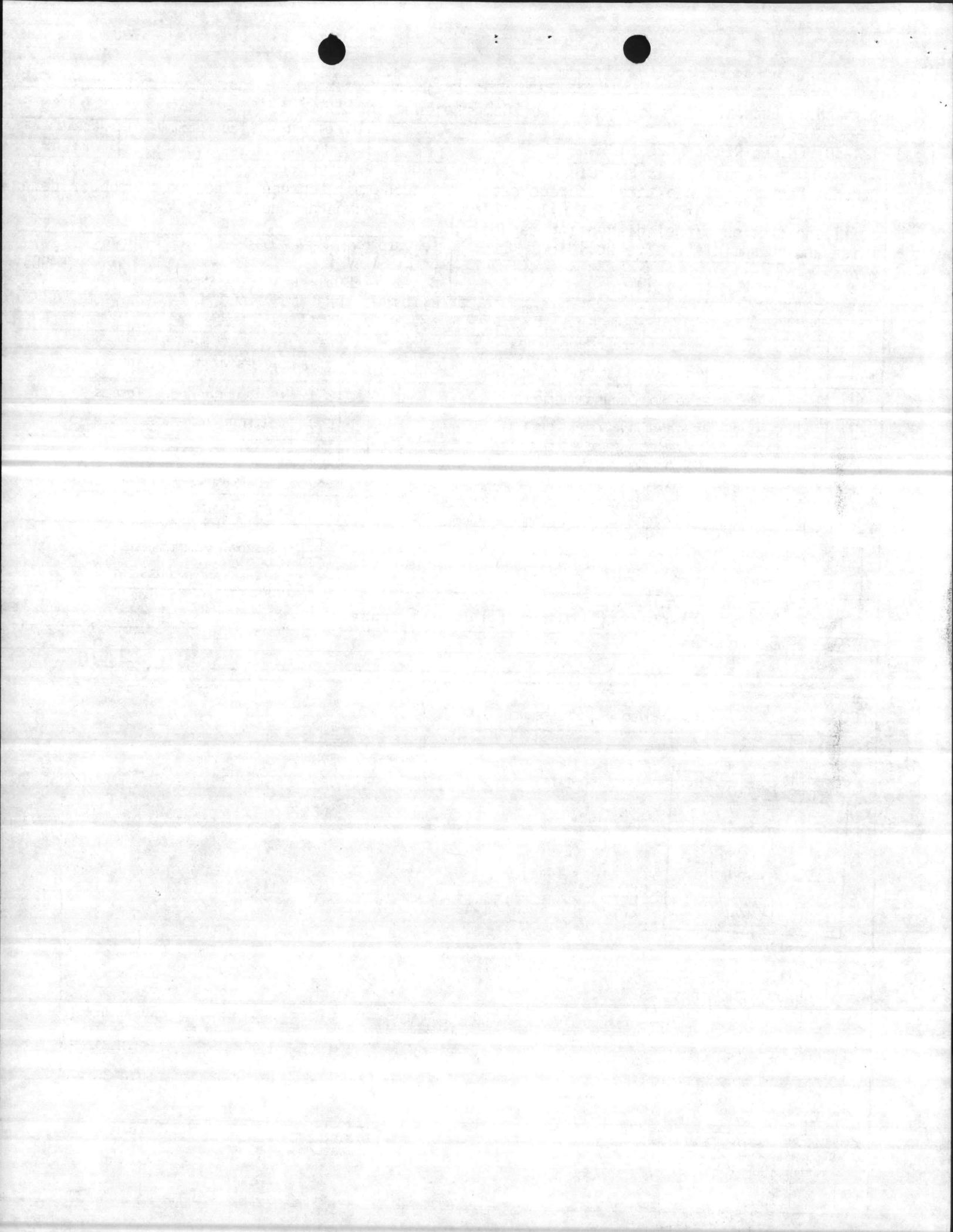
SITE APPROVED
 HQMC
 DATE 24 JUL 1985
 BY *[Signature]*

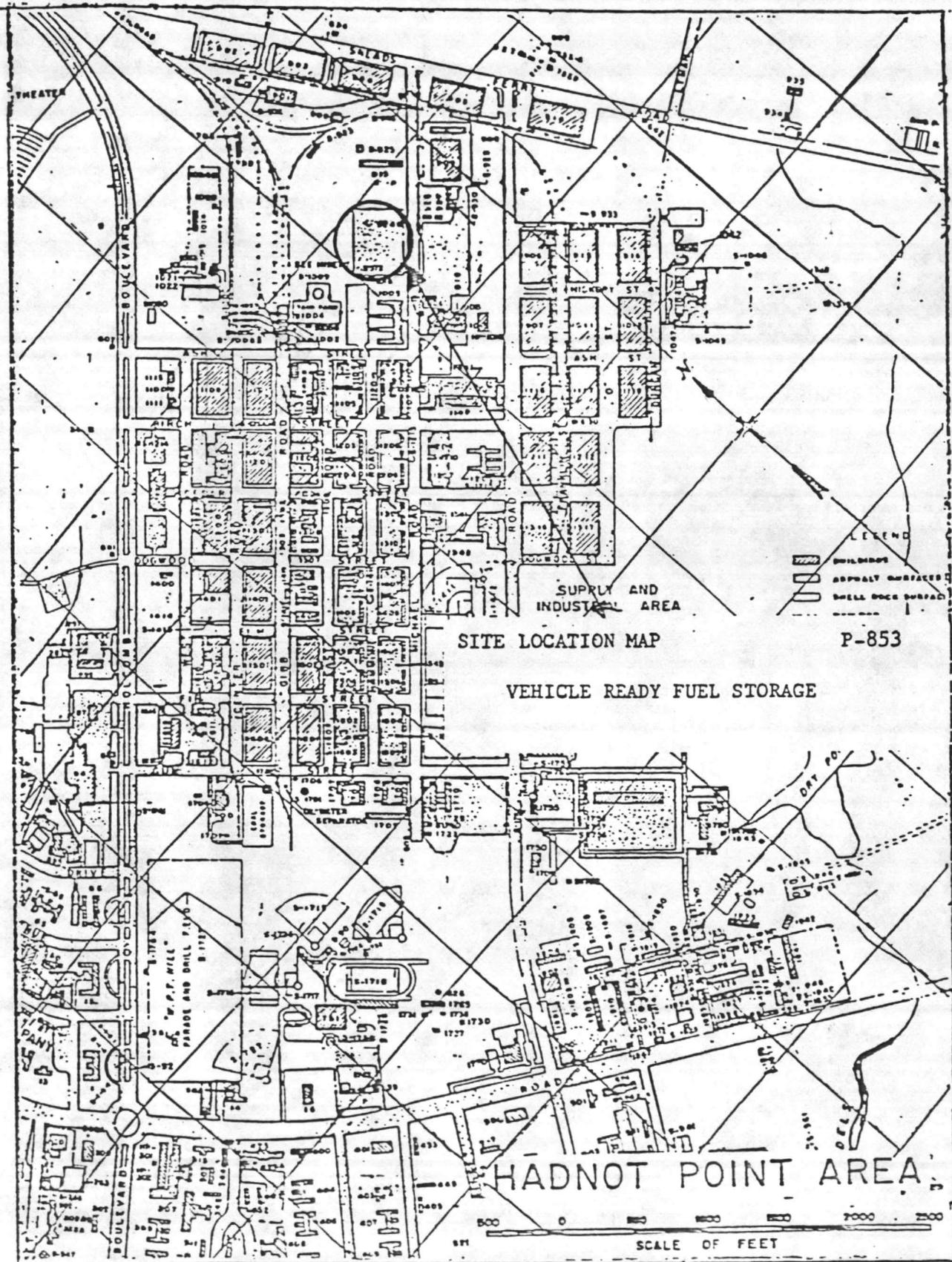
SECTION B
HQMC REVIEW AND ANALYSIS

APPROVING OFFICIAL (Typed name and signature)

[Signature]

DATE





SITE LOCATION MAP

P-853

VEHICLE READY FUEL STORAGE

HADNOT POINT AREA

SCALE OF FEET

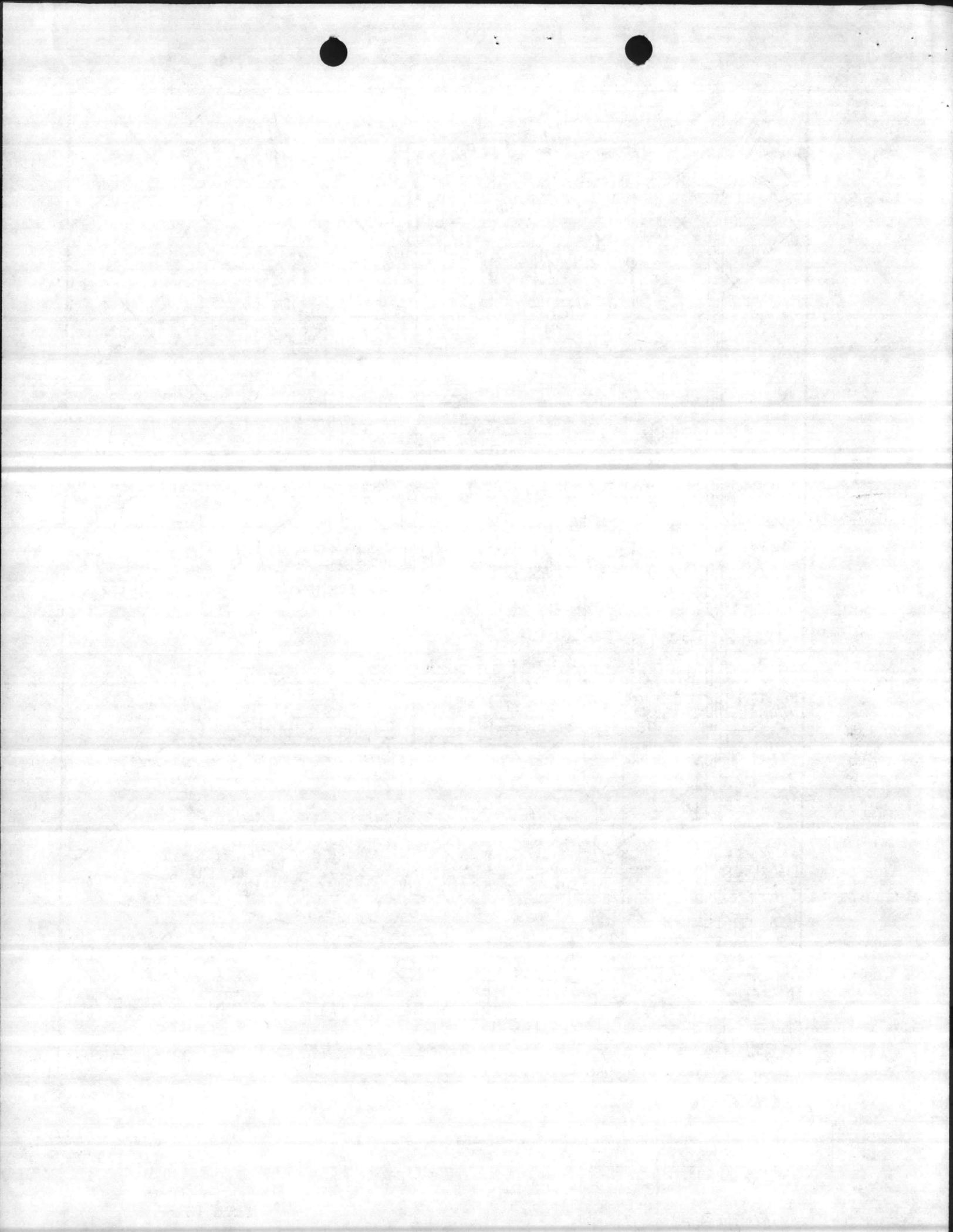
SITE APPROVED

HQMC

DATE 24 JUL 1985

BY *W. Anderson*

ENCL (1)



FACILITIES PLANNING DOCUMENT

TIME: 10.34.20

DATE: 02/17/87

ACTIVITY UIC....M67001 NAME....MCB CAMP LEJEUNE NC
 SPEC AREA.....DA NAME....HADNOT POINT

CATEGORY CODE...82160 DESCRIPTION...DISTILATE HEATING FUEL OIL
 RQMT DATE.. LATEST CHG DATE.. 17 FEB 87 RQMT APPRVL DATE..

BASIC FAC RQMT	UM	FACILITY ASSETS DATA			OTHER	QUANTITY	QUANTITY
		ADEQUATE	SUBSTNRD	INADEQUATE		DEFICIENT	SURPLUS
(GA)		600000					600000

FACILITY DETAIL		SATISFACTION OF DEF/SURP						
FAC NO	EE	ADEQUATE	SUBSTNRD	INADEQTH	DEF CODES	ACTION	SCORE	VT
61009	P	600000			000	DEMOL P-853	-	600000 01

TOTAL PROPOSED ADEQUATE ASSETS =

NOTES FOR CATEGORY CODE.. 82160

STD NOTES:

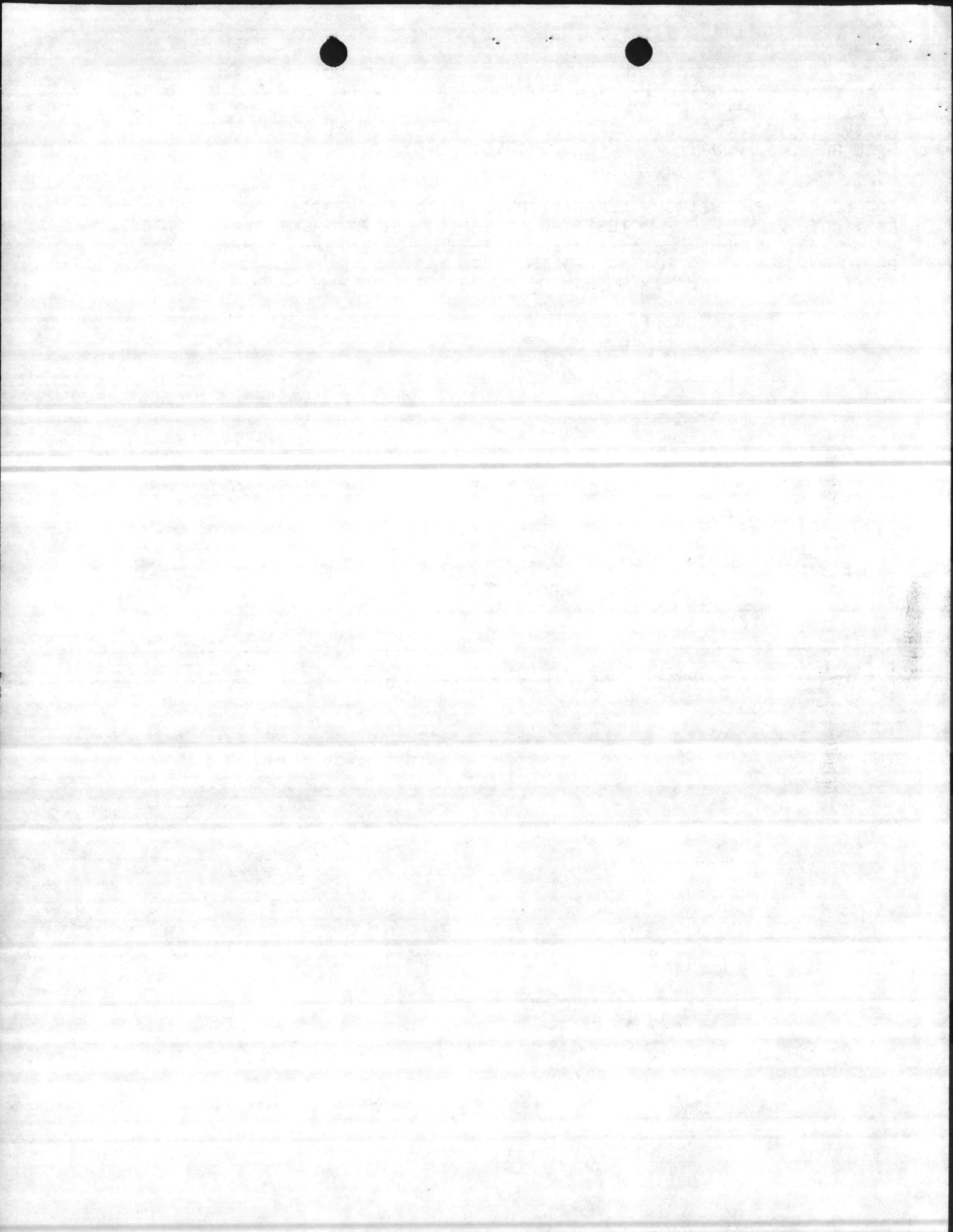
GEN NOTES:

FPD ACTION NOTES:

01 P-853. PROPOSED FY-90 MILCON. EST. \$1700K. WILL DEMOL. S-1009.
 SEE CAT. CODE 124-50 FOR ADDITIONAL INFO.

01:HPORT 01. LU-LU.

FACILITIES PLANNING



TIME: 10.11.05

DATE: 02/17/87

ACTIVITY UIC....M67001 NAME....MOB CAMP LEJEUNE NC

SPEC AREA.....DA NAME....HADNOT POINT

CATEGORY CODE...12310 DESCRIPTION...FILLING-STATION
ROMT DATE.. 26 AUG 85 LATEST CHG DATE.. 17 FEB 87 ROMT APPRVL DATE.. 18 DEC 75

BASIC FACILITY ASSETS DATA 10HPORT 01, LU-LU. LOCKE
I T I E S P L A N N I N G Q M [C H I] QUANTITY QUANTITY
FAC ROMT UM ADEQUATE SUBSTNRD INADEQUATE OTHER DEFICIENT SURPLUS

56 (DL) 24 7 33 193
GM 157 38

FACILITY DETAIL		SATISFACTION OF DEF/SURP									
FAC NO	U	EE	C	ADEQUATE	SUBSTNRD	INADEQTE	DEF CODES	ACTION ID	D	SCOPE	NT
S1840	N	B1	S			2	F30	USE	0		2
S-1137	N	B1	S			1	D25	DEVEL	P-203	-	01
S-941	N	B0	S			2	F30				
S-1777	N	B1	S			3	D25				
S-1778	N	B1	D		2			USE	+		2
S-1452	N							USE	-		4
S-1453	N				4			USE	+		4
S-1875	N				2			USE	+		2
S-1876	N				2			USE	+		2
S1813	N		S		2			USE	+		2
SHP102	N		D		6			USE	+		3
S-1457	N							USE	-		2
ALL								USE		P-203	10 01

TOTAL PROPOSED ADEQUATE ASSETS =

NOTES FOR CATEGORY CODE.. 12310

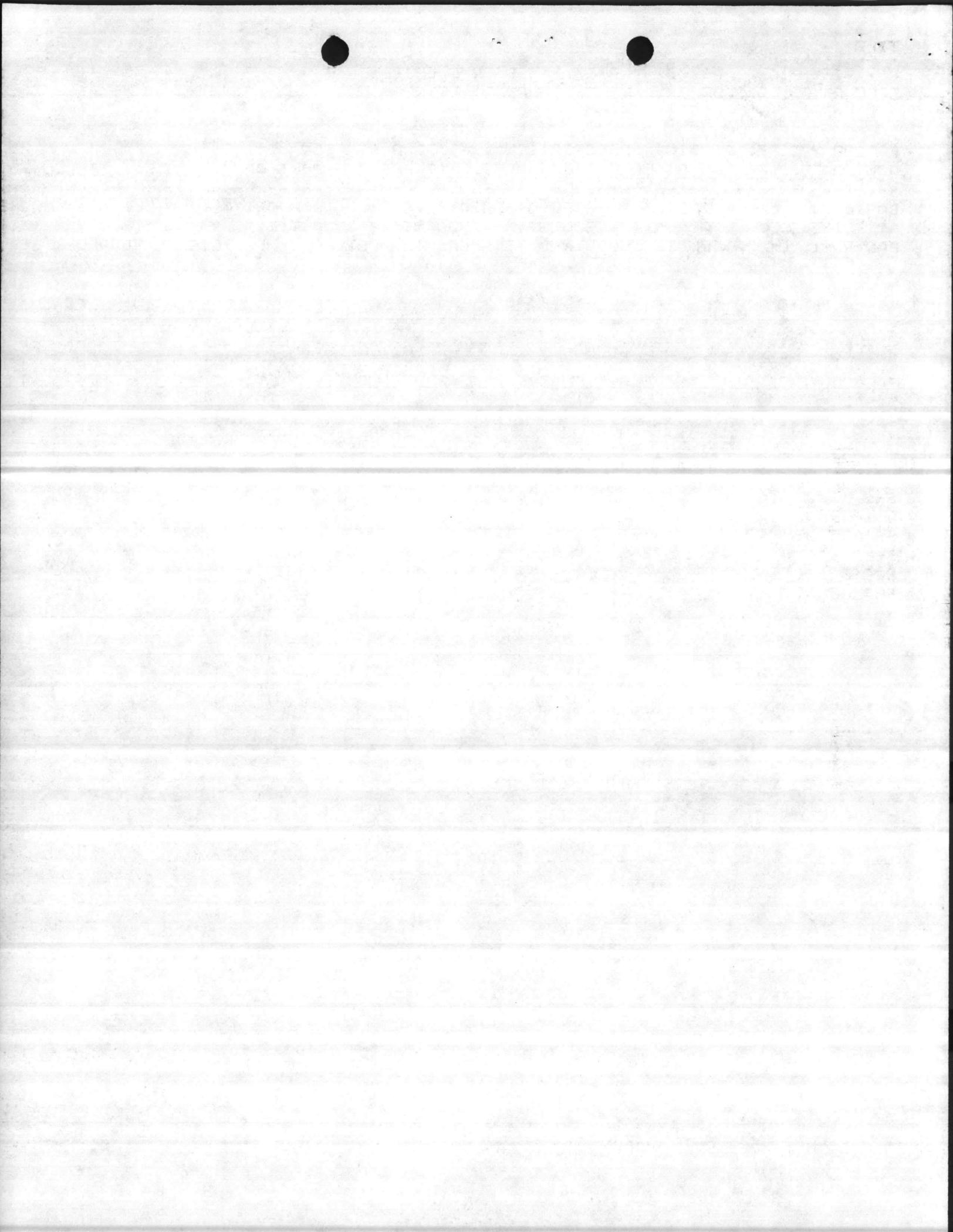
STD NOTES:

GEN NOTES:

ADD ACTION NOTES:

01 12-83. PROPOSED FY-87 BUDG. EST. \$170K. WILL REFL. PLDG.
S-1037 WITH A NEW FILLING STA. (30 DL). SEE CAT. CODE
124-57 FOR ADDITIONAL INFO.

END DATA FOR CATEGORY CODE 12310



TIME: 09.56.51

DATE: 02/17/87

ACTIVITY UID....M67001 NAME....MCB CAMP LEJEUNE
SPEC AREA.....DA NAME....HADNOT POINT

CATEGORY CODE...12315 DESCRIPTION...FILLING STATION BUILDING
RQMT DATE.. 26 AUG 85 LATEST CHG DATE.. 17 FEB 87 RQMT APPRVL DATE.. 29 JUL 85

BASIC		FACILITY ASSETS DATA			QUANTITY	QUANTITY	
FAC RQMT	UM	ADEQUATE	SUBSTNRD	INADEQUATE	OTHER	DEFICIENT	SURPLUS
1200	(SF)			798		1200	
	OL			8			8
	BY			100			100

FACILITY DETAIL		SATISFACTION OF DEF/SURP							
FAC NO	U EE C	ADEQUATE	SUBSTNRD	INADEQUATE	DEF	CORR ACTION ID	D	SCOPE	NT
1022	N B P			798	P33673038	DEMOL	P-853	-	798 01
	ACC					CONSTR	P-853	+	1200 01

TOTAL PROPOSED ADEQUATE ASSETS = 1200

NOTES FOR CATEGORY CODE.. 12315

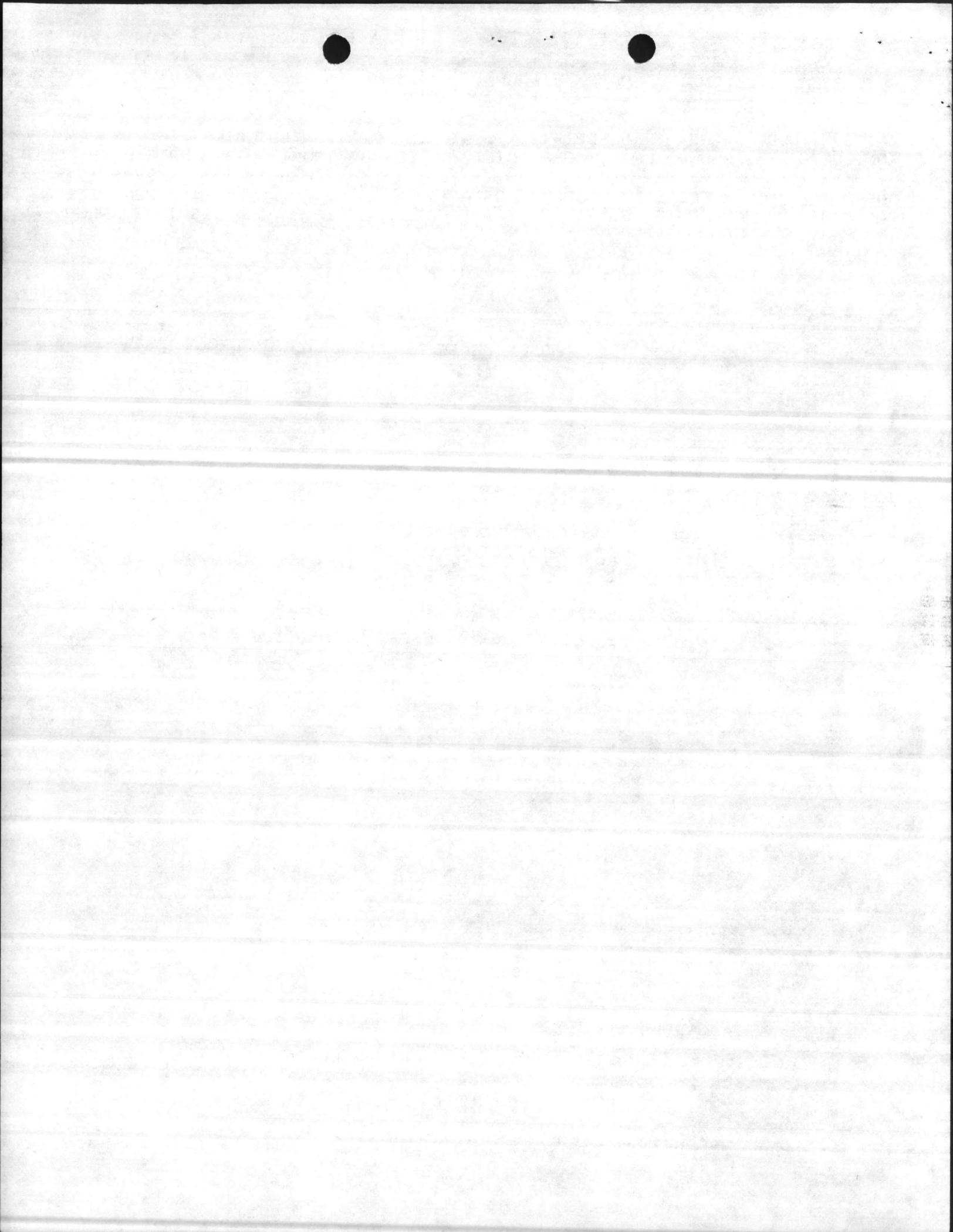
STD NOTES:

GEN NOTES:

FPD ACTION NOTES:

01 P-853. PROPOSED FY-90 MILCON. EST. \$1702K. WILL REPL. BLDG. 1002 WITH A NEW FILLING STA. BLDG. (1200 SF). SEE CAT. CODE 124-50 FOR ADDITIONAL INFO.

END DATA FOR CATEGORY CODE 12315



TIME: 09.43.32

DATE: 02/17/87

ACTIVITY UIC...M67001 NAME...MCR CAMP LEJEUNE NC
 SPEC AREA.....DA NAME...HADNOT POINT

CATEGORY CODE...12630 DESCRIPTION...TANK TRUCK/CAR LOAD FAC
 RGMT DATE.. 26 AUG 85 LATEST CHG DATE.. 13 FEB 87 RGMT APPRVL DATE.. 18 DEC 75

BASIC	FACILITY ASSETS DATA				OTHER	QUANTITY	QUANTITY
	FAC RGMT	UM	ADEQUATE	SUBSTNRD		INADEQUATE	DEFICIENT
			12 (OL)	5			7

FACILITY DETAIL						SATISFACTION OF DEF/SURP					
FAC NO	U	EE	C	ADEQUATE	SUBSTNRD	INADEQTE	DEF CODES	ACTION ID	D	SCOPE	NT
5-1039	N	8	5		2		036	DEMOL	P-853	-	2 01
5-1040	N	81	5		1		036	DEMOL	P-853	-	1 01
5-1038	N	8	5		2		036	DEMOL	P-853	-	2 01
				ADD				CONSTR	P-853	-	4 01

TOTAL PROPOSED ADEQUATE ASSETS = 4

NOTES FOR CATEGORY CODE.. 12630

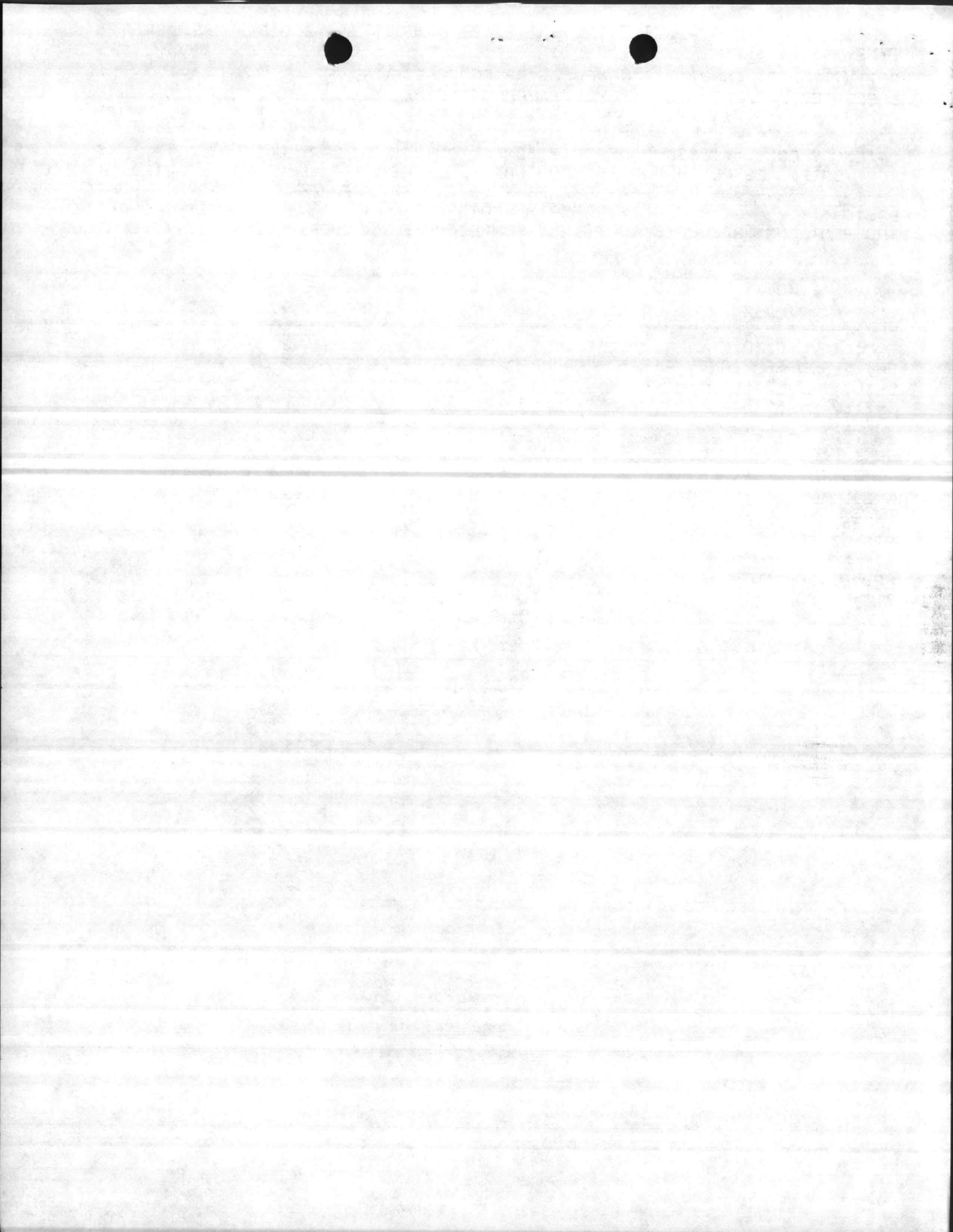
STD NOTES:

GEN NOTES:

FPD ACTION NOTES:

01 P-853. FY-90 PROPOSED MILCON. EST. \$1700K. WILL REPL. 5-1038, 5-1039 AND 5-1040 WITH A NEW TANK TRUCK/CAR LOADING FACILITY (4 DUM). SEE CRT. CODE 124-01 FOR ADDITIONAL INFO.

END DATA FOR CATEGORY CODE 12630



TIME: 11.24.45

DATE: 02/13/87

ACTIVITY UIC....M67001 NAME....MCB CAMP LEJEUNE NC
 SPEC AREA.....DA NAME....HADNOT POINT

CATEGORY CODE...12450 DESCRIPTION...VEHICLE READY FUEL STORAGE
 RQMT DATE.. 06 FEB 87 LATEST CHG DATE.. 13 FEB 87 RQMT APPRVL DATE.. 04 NOV 85

BASIC		FACILITY ASSETS DATA				QUANTITY	QUANTITY	
FAC	RQMT	UM	ADEQUATE	SUBSTNRD	INADEQUATE	OTHER	DEFICIENT	SURPLUS
			154000 (GA)	185500	15000			46500

FACILITY		DETAIL		SATISFACTION OF DEF/SURP				DEF/SURP			
FAC NO	U	EE	D	ADEQUATE	SUBSTNRD	INADEQTE	DEF CODES	ACTION ID	D	SCOPE	NT
9-1023	N	81	P	12000			C38	DEMOL	P-853	-	12000 01
9-1234	N	81	P	15000				DEMOL	P-853	-	15000 01
9-1235	N	81	P	12000				DEMOL	P-853	-	12000 01
9-1236	N	81	P	15000				DEMOL	P-853	-	15000 01
9-1237	N	81	P	15000				DEMOL	P-853	-	15000 01
9-1238	N	81	P	15000				DEMOL	P-853	-	15000 01
9-1029	N	81	P	15000				DEMOL	P-853	-	15000 01
9-1030	N	81	P	12000				DEMOL	P-853	-	12000 01
9-1031	N	81	P		15000		B04	DEMOL	P-853	-	15000 01
9-1032	N	81	P	13000				DEMOL	P-853	-	13000 01
9-1033	N	81	P	12000				DEMOL	P-853	-	12000 01
9-1734	N	81	P	12000				DEMOL	P-853	-	12000 01
9-1735	N	81	P	15000				DEMOL	P-853	-	15000 01
9-1736	N	81	P	15000				DEMOL	P-853	-	15000 01
5791	N		P	6000				CONVTO	12310	-	6000 02
51130	N		P	1500				CONVTO	12310	-	1500 02
ACC								CONSTR	P853	+	154000 01

TOTAL PROPOSED ADEQUATE ASSETS = 154000

NOTES FOR CATEGORY CODE... 12450
 SPEC NOTES: PENDING CMD APPROVAL

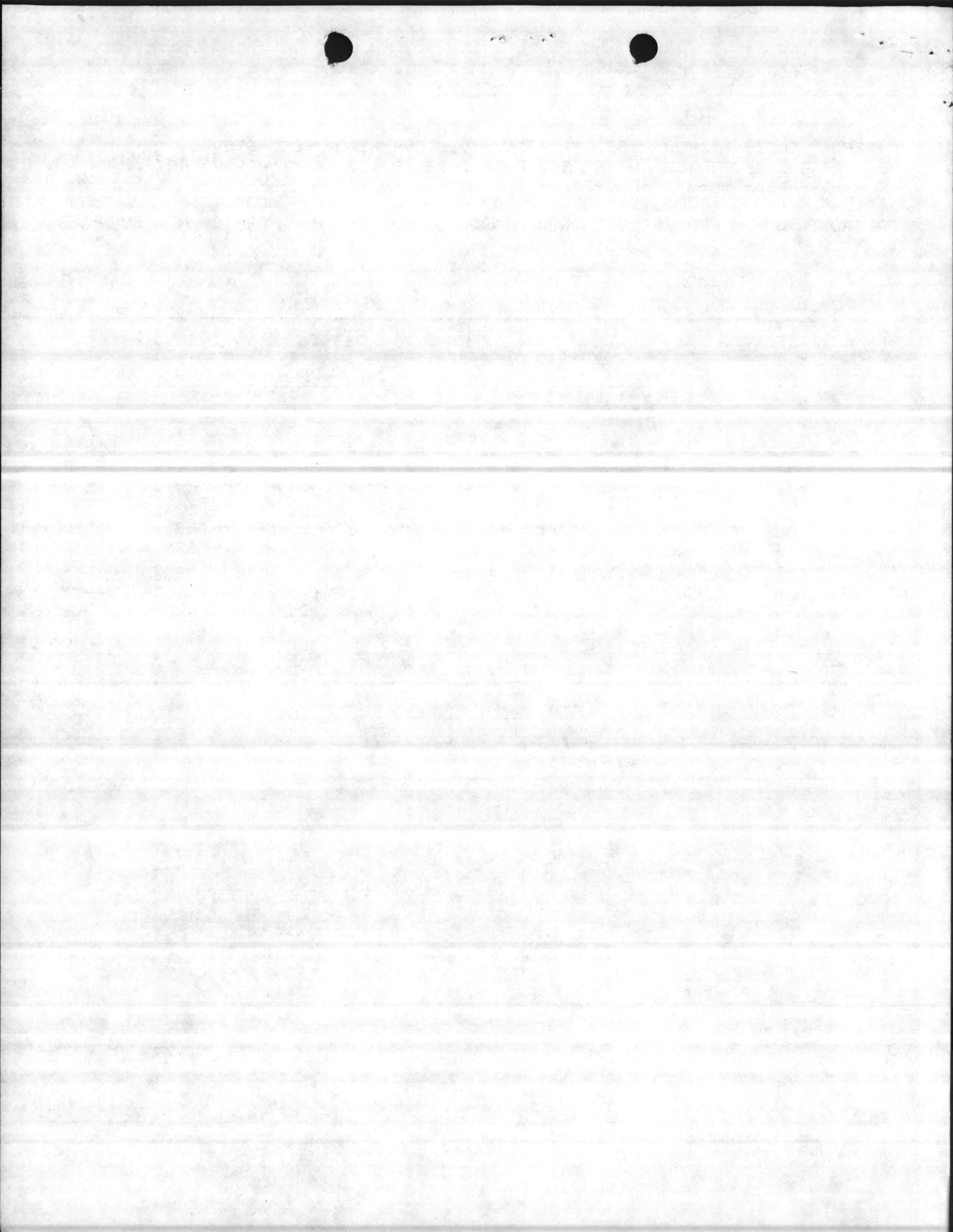
GEN NOTES:

FAC ACTION NOTES:

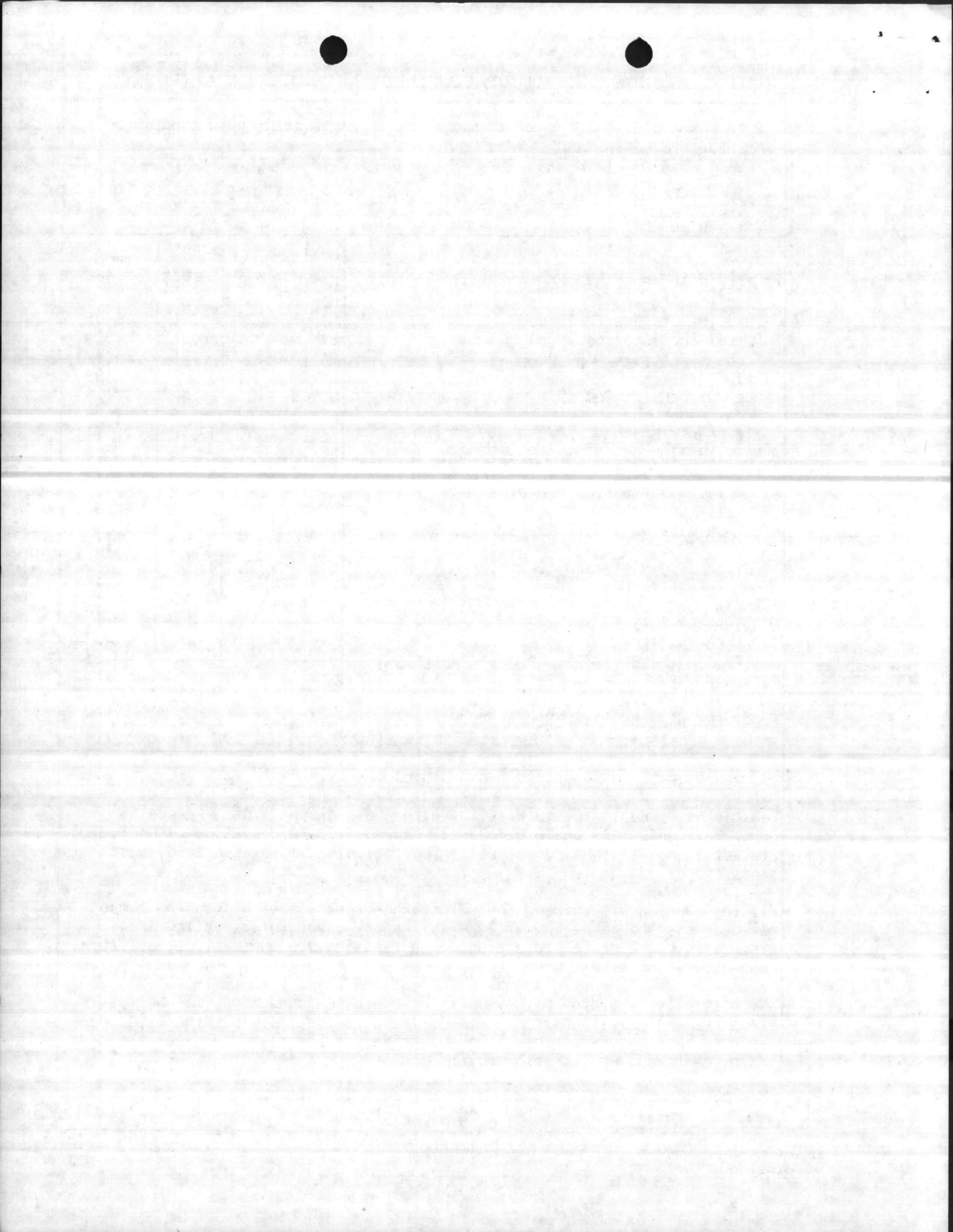
P-853. FY-90 PROPOSED MILCOV. \$1702K. WILL CONST.: VEH. READY FUEL STORAGE (154,000 GA) CAT. CODE 124-50; FILLING STA (10 OL) CAT. CODE 123-17; FILLING STA. BLDG. (1200 SF) CAT. CODE 123-15; AND A TANK TRUCK/CAR LOAD FACILITY (4 OL) CAT. CODE 126-30. VARIOUS STRUCTURES WILL BE DEMOL. BY THIS PROJECT. SEE CAT. CODES (DA AREA): 123-10, 123-15, 124-50, 126-30, 730-12 AND 831-60.

BASE FAC ACTION ACCOUNT CHARGING THE FACILITY FROM CAT. CODE 124-50 TO 123-17.

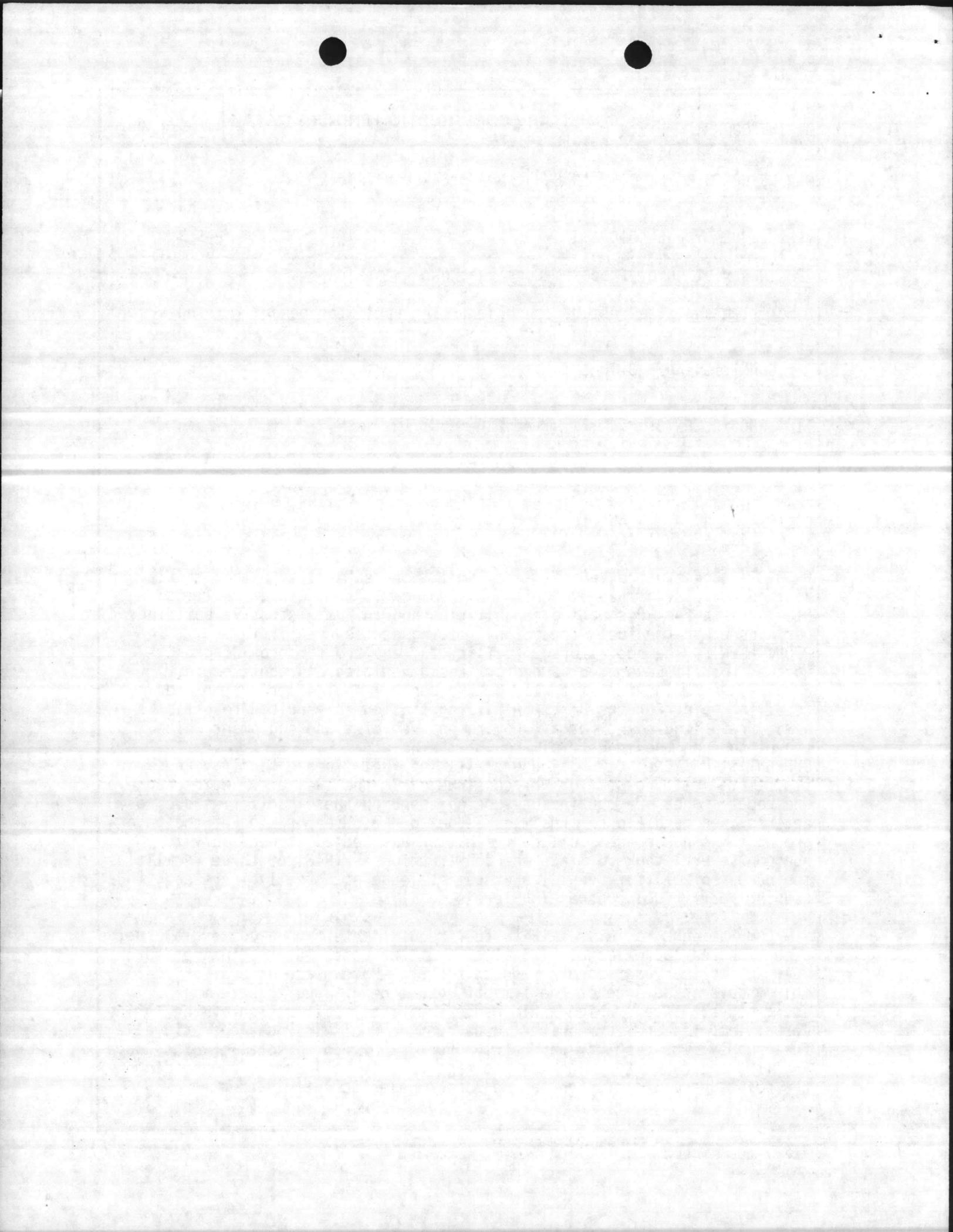
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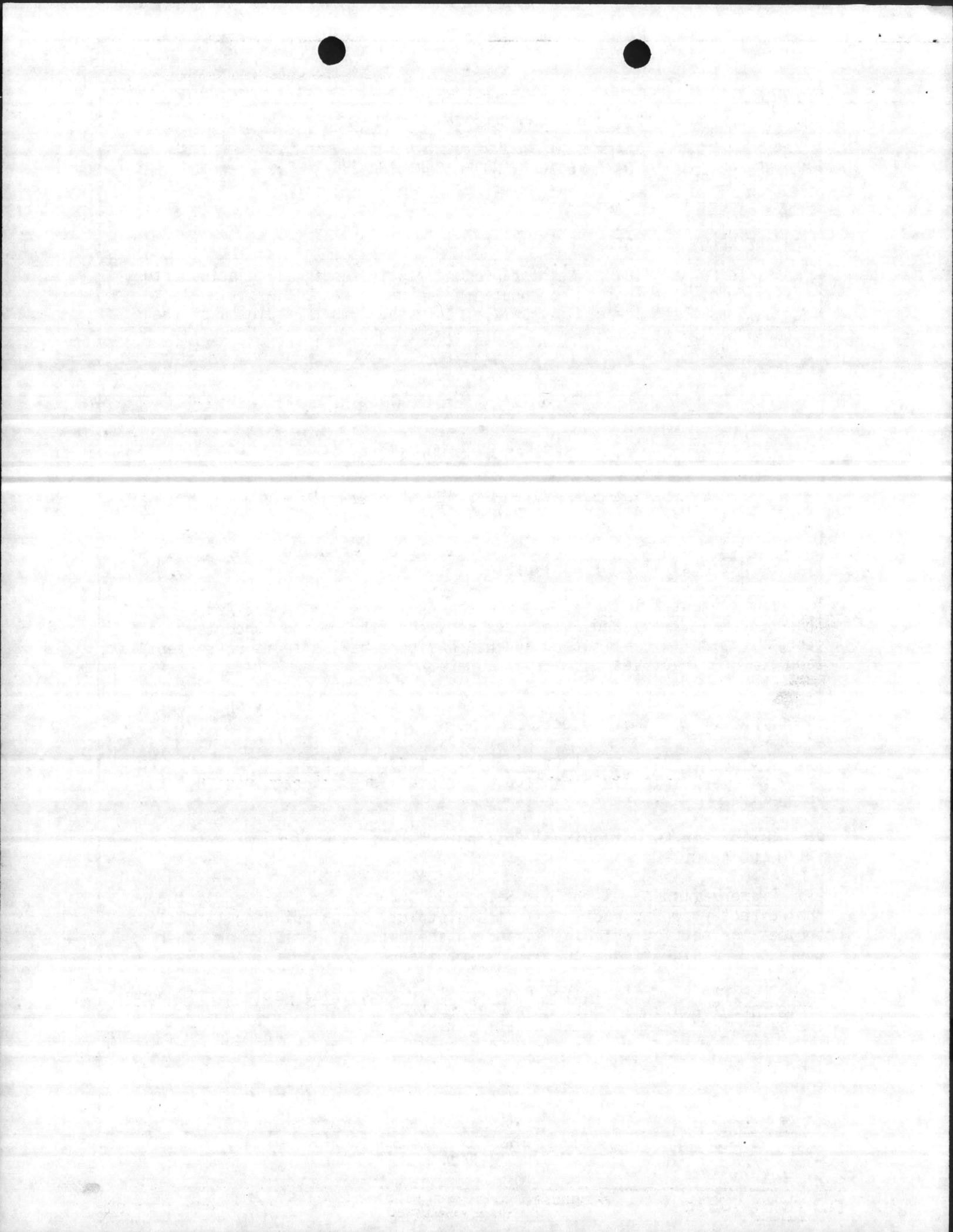
1. COMPONENT MARINE CORPS		FY 19:90 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 Sep 86	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542			4. PROJECT TITLE VEHICLE READY FUEL STORAGE		
5. PROGRAM ELEMENT		6. CATEGORY CODE 124-50	7. PROJECT NUMBER P-853	8. PROJECT COST (\$000) 2,150 *	
ESCALATED TO APRIL 1990		9. COST ESTIMATES			
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
VEHICLE READY FUEL STORAGE (124-50)		GA	925,000	0.85	786
Gasoline Storage (Regular)-150,000 GA		GA	150,000	0.85	(128)
Gasoline Storage (Unleaded)-125,000 GA		GA	125,000	0.85	(106)
Diesel Fuel Storage - 600,000 GA		GA	600,000	0.85	(510)
Kerosene Storage - 50,000 GA		GA	50,000	0.85	(42)
FILLING STATION: (123-10)		LS			133
Fuel Dispensing Pumps		OL	10		(26)
Metal Canopy		SF	12,500	8.50	(106)
Attendants Booth		SF	70	17.00	(1)
ADMINISTRATION BUILDING (123-15)		SF	1,200	70.00	84
SUPPORTING FACILITIES:		LS			873
Special Construction Features		LS			(125)
Utility Connections		LS			(94)
Communications and Fire Alarm System		LS			(10)
Site Improvements and Demolition		SY	61,500	7.95	(489)
Pavements: Rigid and Flexible		SY	6,000	13.38	(80)
Concrete Pipe chase		LF	2,500	30.00	(75)
SUBTOTAL					1,876
CONTINGENCY - (5%)					94
TOTAL CONTRACT COST					1,970
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)					108
TOTAL REQUEST					2,078
TOTAL REQUEST (ROUNDED)					2,050
EQUIPMENT PROVIDED BY OTHER APPROPRIATIONS					2,050
*"Cost escalated from FY-89 to FY-90 by a factor of 1.04%."					* 2,150
10. <u>Description of Proposed Construction:</u>					
<p>Vehicle Ready Fuel Storage Facility with above-ground storage tanks, concrete foundations and pipe chases, piping, fire protection, cathodic protection, area lighting, security fencing, site improvements and paved access roads.</p> <p>Filling Station with piping to fuel storage tanks, fuel dispensing pumps, paved access and refueling area, metal canopy cover for refueling area, attendants booth, fire protection, area lighting, communications, utility connections and site improvements.</p> <p>Administrative building with reinforced concrete foundation, masonry walls, steel framing, built-up roof, interior support systems (l.e.: heating and air conditioning, fire protection, plumbing, etc.); paved parking, site improvements and utility connections.</p>					



1. COMPONENT MARINE CORPS	FY 19 ⁹⁰ MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 Sep 86																
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542																		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853																	
10. <u>Description of Proposed Construction:</u> (cont'd): Demolition and site restoration of existing fuel storage and filling station facilities. Air Conditioning: 3 Tons																		
11. <u>REQUIREMENTS:</u> <table border="1" data-bbox="324 766 1242 934"> <thead> <tr> <th><u>CAT CODE</u></th> <th></th> <th><u>ADEQUATE</u></th> <th><u>SUBSTANDARD</u></th> </tr> </thead> <tbody> <tr> <td>124-50</td> <td>276,340 GA</td> <td>0 GA</td> <td>199,000 GA</td> </tr> <tr> <td>123-10</td> <td>56 OL</td> <td>23 OL</td> <td>0 OL</td> </tr> <tr> <td>123-15</td> <td>1,200</td> <td>0 SF</td> <td>798 SF</td> </tr> </tbody> </table> <p>PROJECT: Construct a Vehicle Ready Fuel Storage Facility with a total storage capacity of 925,000 gallons. Project is to include a Filling Station with fuel dispensing capabilities and an administrative building for support of the fuel storage and filling station facilities.</p> <p>REQUIREMENT: The fuel storage facility is required for providing back-up fuel for all Government owned or leased vehicles and equipment at Camp Lejeune. The facility will be the central fuel distribution and receiving point for the Base. A filling station is required to establish a main refueling point for all Government vehicles and equipment which travel through the Industrial Area of the Base.</p> <p>CURRENT SITUATION: Camp Lejeune's existing fuel storage facility and its related filling station was constructed in the 1943 era. Maintenance and repair funds are continuously being spent on these facilities due to deteriorated conditions. Fuel leaks due to the deterioration of the underground tanks has caused soil contamination and deemed it necessary to abandon several tanks. Since the construction in 1943, of these facilities, the number of military vehicles at Camp Lejeune has greatly increased; thus causing yearly fuel consumption levels to climb.</p> <p>Camp Lejeune receives all its fuel requirements from a commercial fuel depot located approximately 125 miles from the Base. Contractual procurement and delivery agreements require that the Base place orders for fuel thirty-days in advance of the time of actual need. Due to potential emergency situations which would cause immediate mobilization of the Marine Corps, Camp Lejeune is required to have on hand a thirty-day operational fuel supply plus a thirty-day back up fuel supply for a total of sixty days fuel storage capacity. The fuel storage facility on Base is approaching the point where its mission can no longer be efficiently performed.</p>			<u>CAT CODE</u>		<u>ADEQUATE</u>	<u>SUBSTANDARD</u>	124-50	276,340 GA	0 GA	199,000 GA	123-10	56 OL	23 OL	0 OL	123-15	1,200	0 SF	798 SF
<u>CAT CODE</u>		<u>ADEQUATE</u>	<u>SUBSTANDARD</u>															
124-50	276,340 GA	0 GA	199,000 GA															
123-10	56 OL	23 OL	0 OL															
123-15	1,200	0 SF	798 SF															



1. COMPONENT MARINE CORPS	FY 19 ⁹⁰ MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 Sep 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>IMPACT IF NOT PROVIDED: Maintenance and repair funds will continue to be utilized to maintain the inadequate fuel storage facilities. The lack of adequate fuel storage capacity will impair the combat readiness of the Base.</p>		
<p><u>SPECIAL CONSIDERATIONS</u></p>		
<ol style="list-style-type: none"> 1. <u>Pollution Prevention, Abatement, and Control</u>: This project will not cause additional air or water pollution. 2. <u>Flood Hazard Evaluation</u>: Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable. 3. <u>Environmental Impact</u>: The project Environmental Impact Assessment has been made, reviewed, and where required, the design concepts give consideration to eliminating adverse environmental effects consistent with applicable directives. 4. <u>Fallout Shelter Construction</u>: 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. <u>Use of Air Conditioning</u>: Ceiling "U" factors will be made to conform WITH DOD 4270.1-M. 7. <u>Preservation of Historical Sites and Structures</u>: 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. <u>"New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76)</u>: Not applicable. 		



1. COMPONENT MARINE CORPS	FY 19 ⁹⁰ MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 Sep 86.
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3. INSTALLATION AND LOCATION
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853
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FACILITY STUDY

1. Project: Provide a Vehicle Ready Fuel Storage facility with a total storage capacity of 925,000 gallons. Provide a filling station with fuel dispensing capabilities and an administrative building for support of the fuel storage and filling station facilities.

2. Current and Planned Future Workload with Regard to this Project:
The duration of need is indefinite and the facilities will be utilized 100 percent of the time.

3. Description of Proposed Construction:

a. Type of Construction: Permanent fuel storage facility and filling station with aboveground storage tanks, administrative building, fuel dispensing pumps, utility connections, paved access roads and parking and utility connections.

b. Replacement: This project replaces 792,000 gallons (192,000 GA in Category code 124-50 and 600,000 GA in category code 821-60) of inadequate fuel storage facilities, a filling station with dispensing outlets (category code 123-10) and filling station administrative building (category code 123-15) of 798 SF. For more detail see paragraph 3.c.(4).

c. Description of Work to be Done:

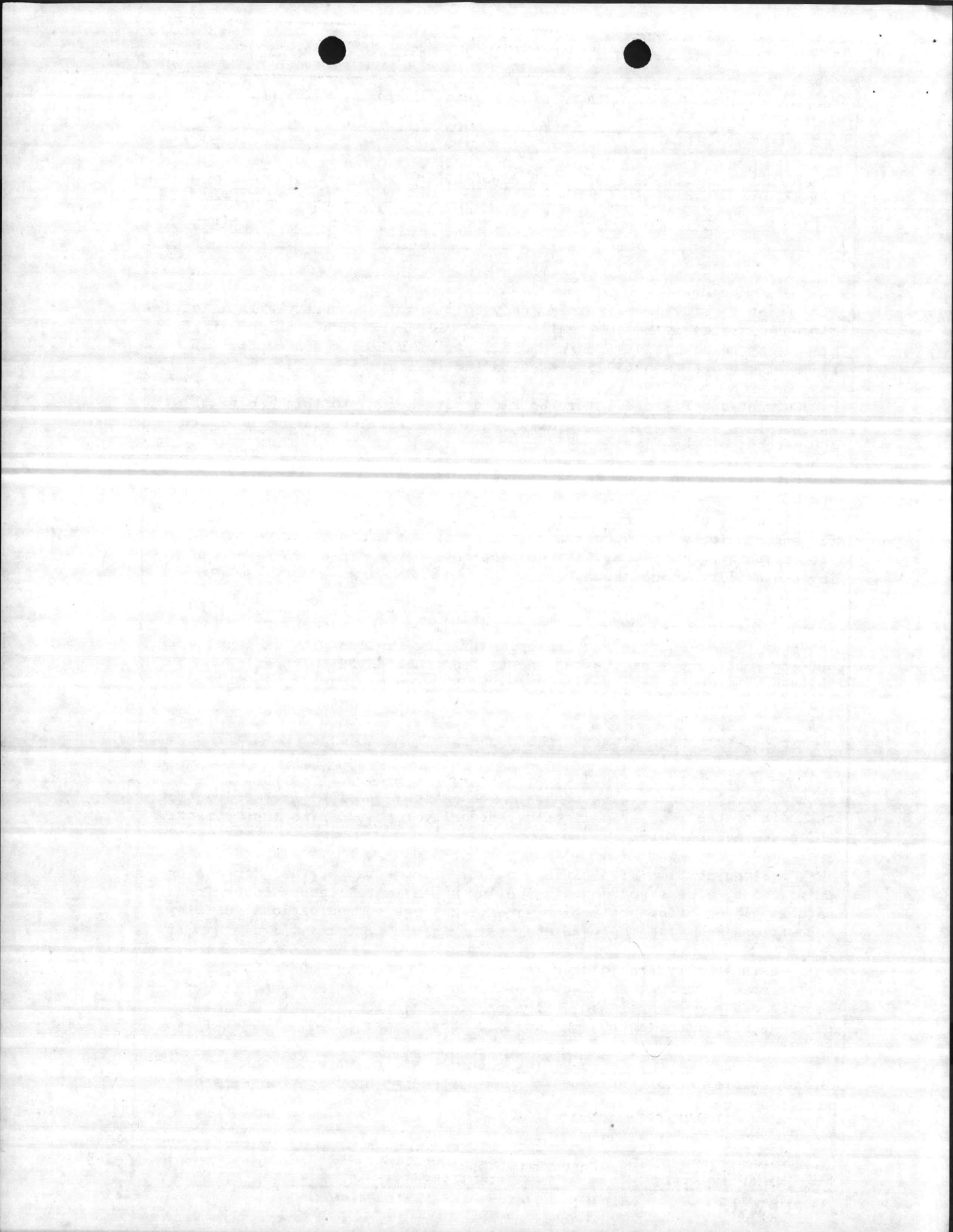
(1) Primary Facilities: Fuel storage facility with above-ground storage tanks, with concrete foundations, piping, fire protection, cathodic protection, area lighting, security fencing, site improvements and paved access roads.

Filling station with piping to fuel storage tanks, fuel dispensing pumps, paved access roads and refueling area, metal canopy cover for refueling area, fire protection, area lighting, communications, utility connections and site improvements.

Administrative building with reinforced concrete foundation, masonry walls, steel framing, built-up roof, interior support systems, (i.e.: heating and air conditioning, fire protection, plumbing, etc.), paved parking, site improvements and utility connections.

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

(3) Collateral Equipment: See enclosure (1).



1. COMPONENT
MARINE CORPS

FY 1990 MILITARY CONSTRUCTION PROJECT DATA

2. DATE
30 SEP 86

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

VEHICLE READY FUEL STORAGE

5. PROJECT NUMBER

P-853

c. Description of Work to be Done: (continued)

(4) Supporting Facilities: Underground fuel storage tanks, with concrete foundations, piping, cathodic protection, fire protection, fuel dispensing pumps, utility connections, paved access roads and refueling areas, pollution abatement and site improvements. Facilities to be demolished by this project are as follows:

Bldg #	Date Const.	Type	U/M	Use Cat Code	Condition
S-1009	1943	P	600,000 GA	821-60	*Adequate
S-1023	1943	"	12,000 GA	124-50	"
S-1024	1943	"	15,000 GA	"	"
S-1025	1943	"	12,000 GA	"	"
S-1026	1943	"	15,000 GA	"	"
S-1027	1943	"	15,000 GA	"	"
S-1028	1943	"	15,000 GA	"	"
S-1029	1943	"	15,000 GA	"	"
S-1030	1943	"	12,000 GA	"	"
S-1031	1943	"	15,000 GA	"	"
S-1032	1943	"	12,000 GA	"	"
S-1033	1943	"	12,000 GA	"	"
S-1034	1943	"	12,000 GA	"	"
S-1035	1943	"	15,000 GA	"	"
S-1036	1943	"	15,000 GA	"	"
1002	1942	P	798 SF	123-15	"
S-1037	1943	"	1 OL	123-10	"
S-1038	1972	"	132 SF	126-30	"
S-1039	1943	"	132 SF	126-30	"
S-1040	1948	"	36 SF	730-12	"
S-1056	1948	"	36 SF	730-12	"

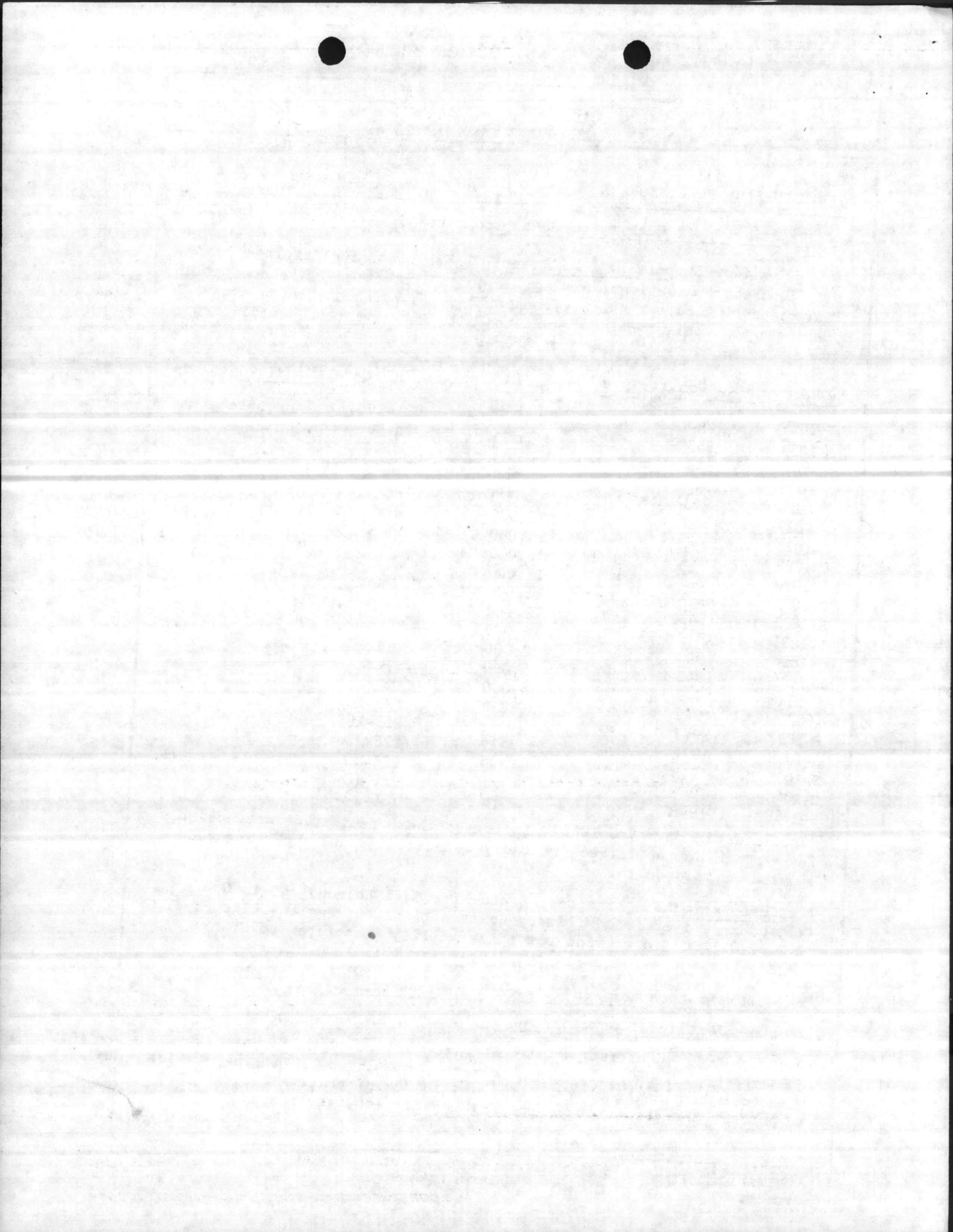
*The latest Form NAVMC 10651, indicates these facilities are adequate. However, these facilities are badly deteriorated and are being redesignated as inadequate.

4. Cost Estimate: Area Cost Factor for Camp Lejeune, NC is 0.86. Cost data derived from 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.

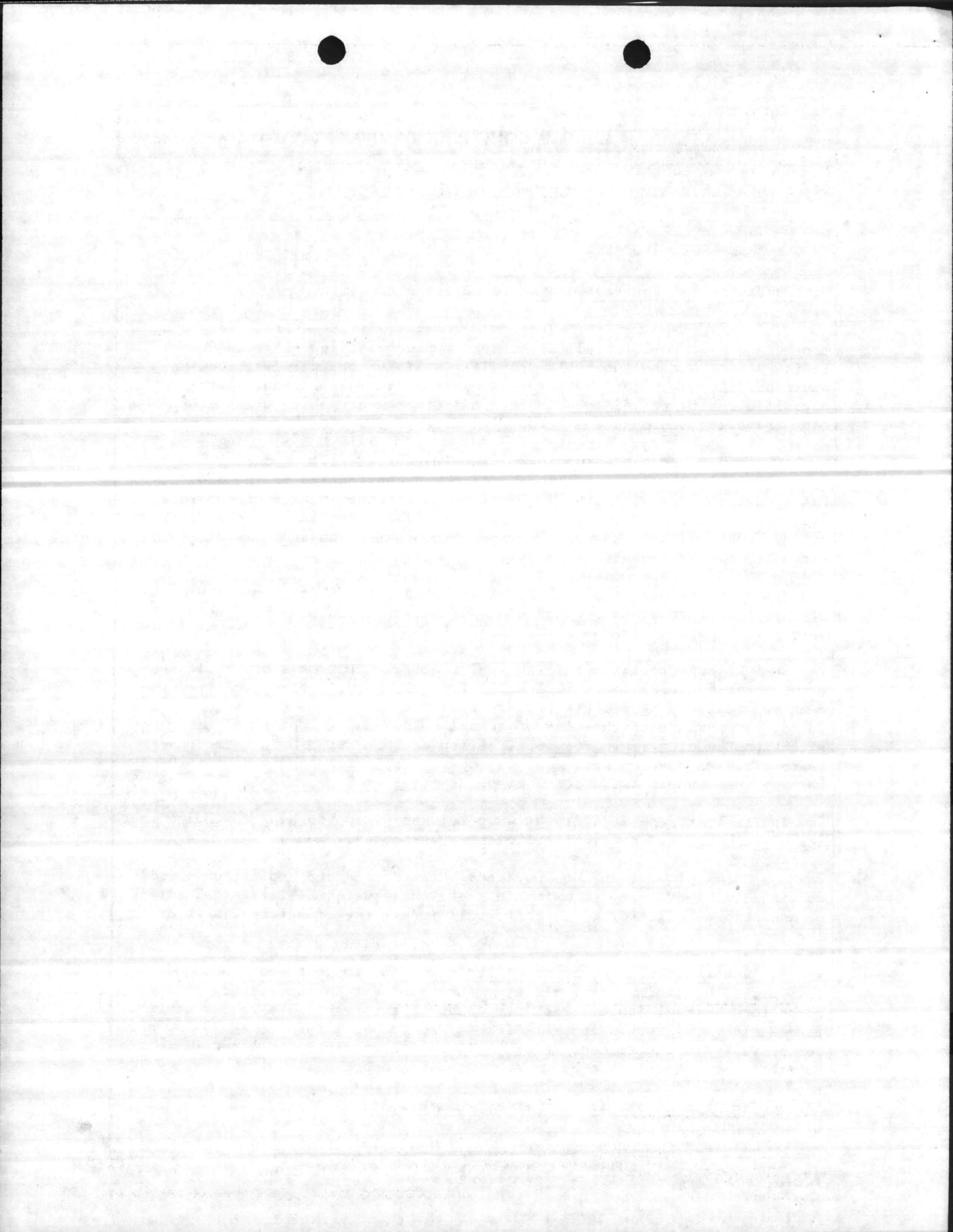
5. Justification for Project and for Scope of Project:

a. Justification of Project:

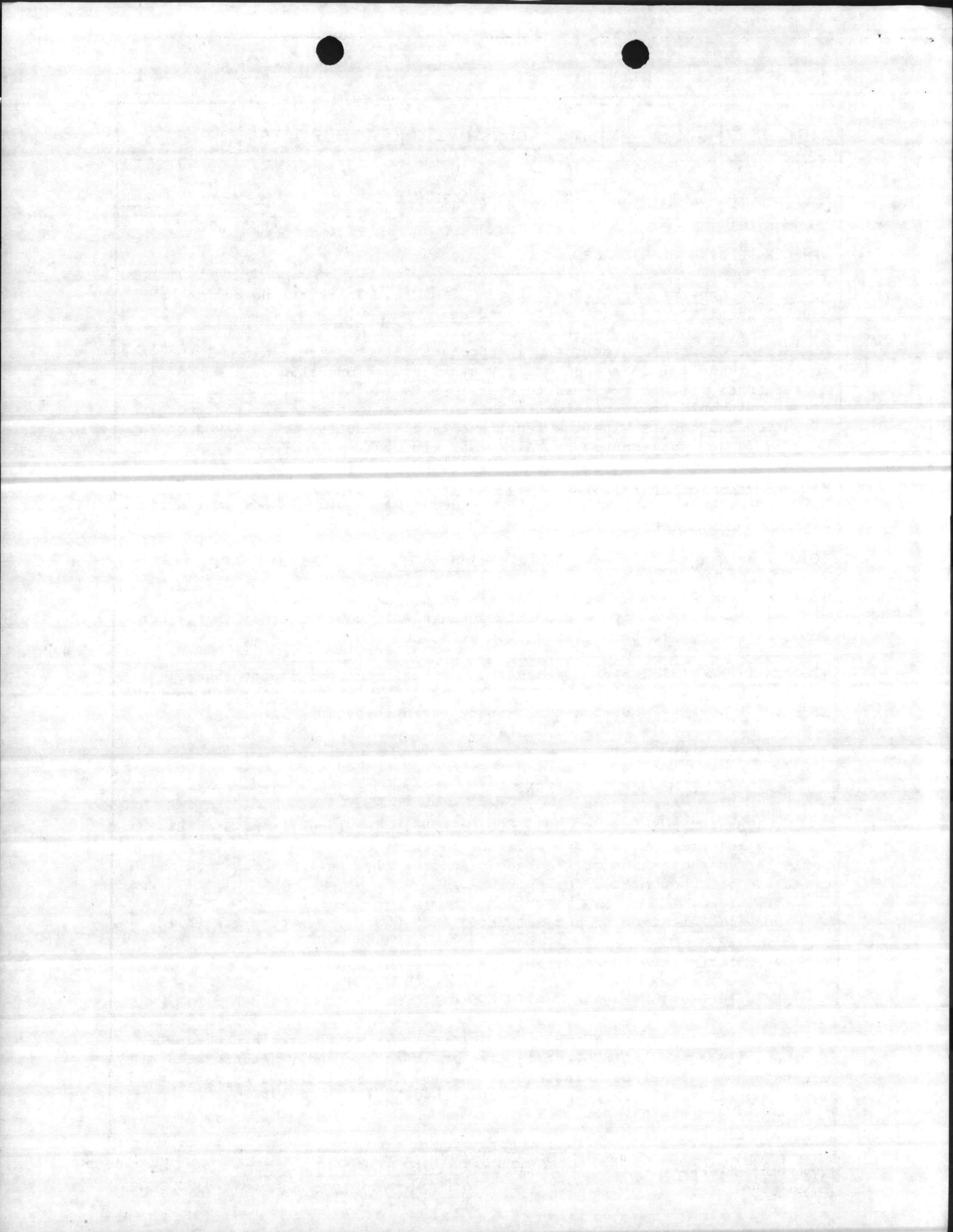
(1) Construct a Fuel Storage facility with a total storage capacity of 925,000 gallons. Project is to include a Filling Station with fuel dispensing capabilities and an Administrative building for support of the Fuel Storage and Filling Station facilities.



1. COMPONENT MARINE CORPS	FY 19 <u>90</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 Sep 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>5. <u>Justification for Project and for Scope of Project:</u> (continued)</p> <p>(2) <u>Requirement:</u> The fuel storage facility is required to provide back up fuel for all Government owned or leased vehicles and equipment at Camp Lejeune. The facility will be the fuel distribution and receiving point for the Base. A filling station is required to establish a main refueling point for all Government vehicles and equipment traveling through the Industrial Area of the Base.</p> <p>(3) <u>Current Situation:</u> Camp Lejeune's existing fuel storage facility and its related filling station was constructed in the 1943 era. Maintenance and repair funds are continuously being spent on these facilities due to deteriorated conditions. Fuel leaks due to the deterioration of the underground tanks has caused soil contamination and it was deemed necessary to abandon several tanks.</p> <p>Since the construction (1943) of these facilities, the number of military vehicles at Camp Lejeune has greatly increased, thus causing yearly fuel consumption levels to soar.</p> <p>Camp Lejeune receives all its fuel requirements from a commercial fuel depot located approximately 125 miles from the Base. Contractual procurement and delivery agreements require that the Base place orders for fuel 30 days in advance of the time of actual need. Due to potential emergency situations causing immediate mobilization of the Marine Corps, the Base is required to have on hand a 30 day operational fuel supply plus a 30 day back up fuel supply for a total of 60 day fuel storage capacity.</p> <p>The fuel storage facility at Camp Lejeune is approaching the point where its mission can no longer be efficiently performed.</p> <p>(4) <u>Impact If Not Provided:</u> Maintenance and repair funds will continue to be utilized to maintain these inadequate facilities. The lack of acceptable fuel storage capacity will impair the combat readiness of the Base.</p> <p>b. <u>Justification for Scope of Project:</u> The project scope, 925,000 gallons, is the minimum size facility that can meet the deficiency requirements for the Fuel Storage Facility needs of the Base. The latest certified Basic Facility Requirement, for category codes 124-50 and 123-15, no longer reflects the true needs of the Base. Accordingly, revised Basic Facility Requirements are being submitted for approval.</p> <p>6. <u>Equipment Provided from Other Appropriations:</u> Not applicable.</p>		



1. COMPONENT MARINE CORPS MARINE CORPS	FY 19 <u>90</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 Sep 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>7. <u>Common Support Facilities</u>: Not applicable. There are no common support facilities available at the Base.</p> <p>8. <u>Effect On Other Resources</u>: The project will require a minimal increase in O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977, and implemented by NAVFACINST 4100.5A.</p> <p>9. <u>Siting of the Project</u>: These facilities will be located in the Hadnot Point Area, in keeping with the Camp Lejeune Master Plan. See enclosure (2).</p> <p>10. <u>Other Graphic Presentations, including Photographs</u>: See encl. (3).</p> <p>11. <u>Economic Analysis</u>: These facilities are being constructed on a partially developed site. Economic savings will be in nominal energy consumption savings to be realized from efficient operations.</p> <p>12. <u>Environmental Impact Assessment</u>: An Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated.</p> <p>13. <u>Quantitative Data</u>:</p> <p>a. Unit of Measure: GALLONS</p> <p>b. Total Requirement: *925,000 GALLONS. The latest certified Basic Facility Requirement (276,340 SF), for category code 124-50, no longer reflects the true needs of the Base. Accordingly, revised BERL requirements are being submitted for approval.</p> <p>*For justification of project scope (925,000 GA) see para 5.b.(3).</p> <p>c. Existing Substandard: 0</p> <p>d. Existing Inadequate: *792,000 GALLONS</p> <p>*The latest Form NAVMC 10651 indicates these facilities are adequate. However, these facilities (constructed in 1943) are badly deteriorated and are being redesignated as inadequate. These facilities will be demolished by this project. (600,000 GA in category code 821-60 and 192,000 GA in category code 124-50).</p> <p>e. Existing Adequate: 0</p>		

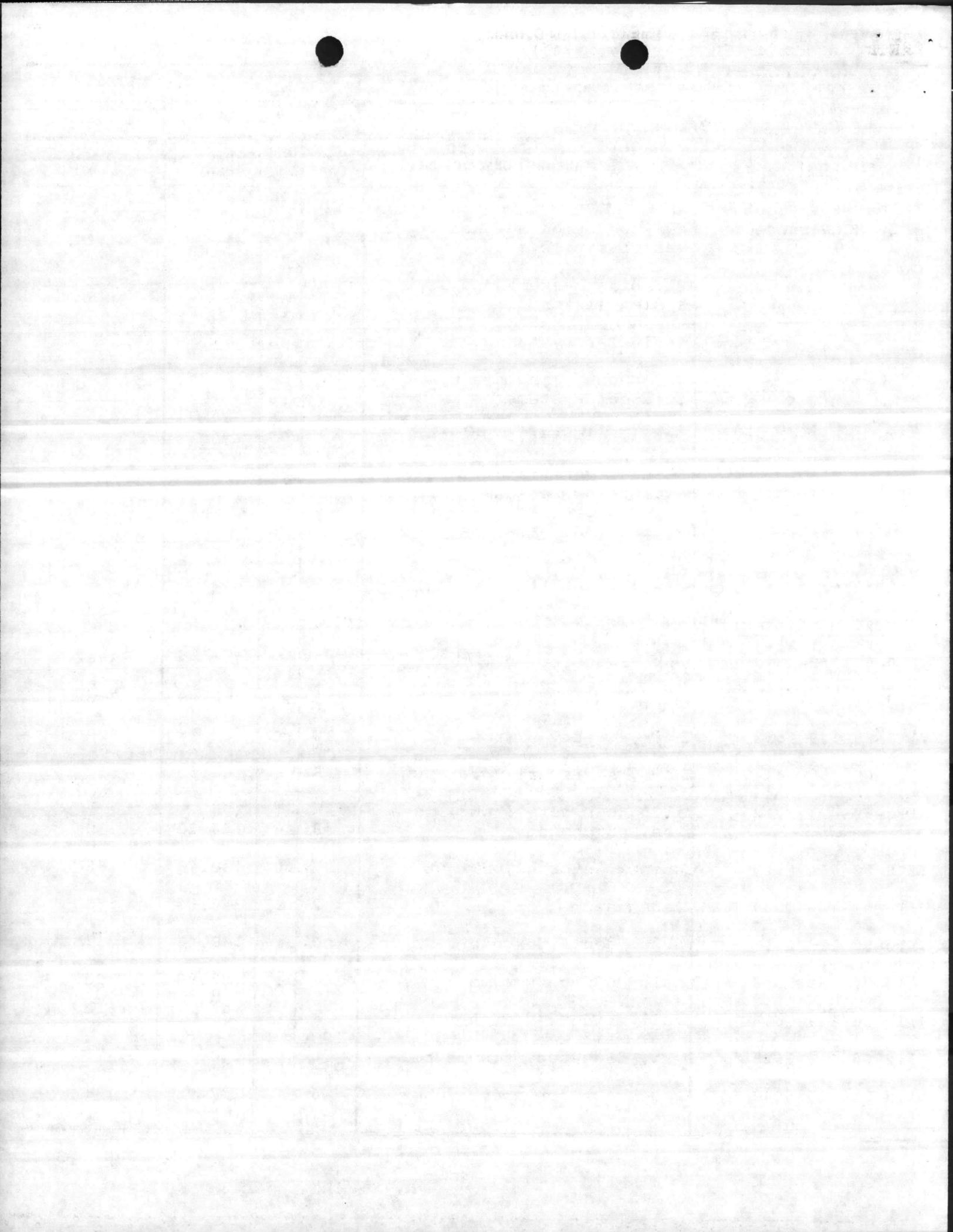


1. COMPONENT MARINE CORPS	FY 19__ MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>13. <u>Quantitative Data: (cont'd)</u></p> <p>f. Other Assets, Not in Inventory: 0</p> <p>g. Funded, Not in Inventory: 0</p> <p>h. Adequate Assets: (e + F + g) = 0</p> <p>i. Deficiency: (b - h) = 925,000 GALLONS</p> <p>14. <u>Maintenance Facility:</u> Not applicable.</p> <p>15. <u>Morale, Welfare and Recreation Facilities:</u> Not applicable.</p> <p>16. <u>Relocation Facilities:</u> Not applicable.</p> <p>17. <u>Storage Facilities:</u> Not applicable.</p> <p>18. <u>Hazard Identification, Assessment and Analysis:</u> Proposed facilities will be a fuel storage facility and a filling station. The following potential hazardous conditions will be considered during the design phase:</p> <p>a. Gasoline/Diesel Fumes</p> <p>b. Fire</p>		

1. ACTIVITY (Name and Location)
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

2. PROJECT TITLE
 VEHICLE READY FUEL STORAGE (FY-90) P. NO. P-853

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
1. <u>Built In Eqpt to be MCON Funded:</u>					
	*Air Conditioning, Heating & ventilating systems		sys		
	*Plumbing systems and Steam system (interior)		sys		
	*Sprinkler System		sys		
	*Telephone, Fire Alarm & intercom systems		sys		
	*Drinking water coolers		ea		
	*Blinds, venetian, light tight and window screens		pr		
	*Public address system		sys		
*Equipment with associated installation cost.					
2. <u>Expense Items:</u>					
7110-00-149-1630	Desk, flat top, dbl ped	8	ea	234.23	1,874
7110-00-149-1628	Desk, single ped	2	ea	180.09	360
7110-00-149-1653	Chair, rotary w/arms	10	ea	82.00	820
7110-00-958-8044	Chair, secretarial rotary	8	ea	64.60	517
7110-00-497-2012	Filing cabinet, 5 dwr, legal size, parchment	8	ea	146.20	1,170
7125-00-764-6129	Cabinet, storage, dbl dr.	2	ea	132.78	266
7110-00-149-1659	Credenza	2	ea	340.39	681
7110-00-113-0816	Table, gen'l purpose	2	ea	168.45	337
7110-00-149-1653	Chair, office w/arms	10	ea	82.00	820
7110-00-149-2075	Chair, side w/o arms	8	ea	71.05	568
7110-00-149-1628	Desk, flat top, single ped	6	ea	180.09	1,081
7110-01-016-6580	Attachment for above desk	6	ea	132.93	798

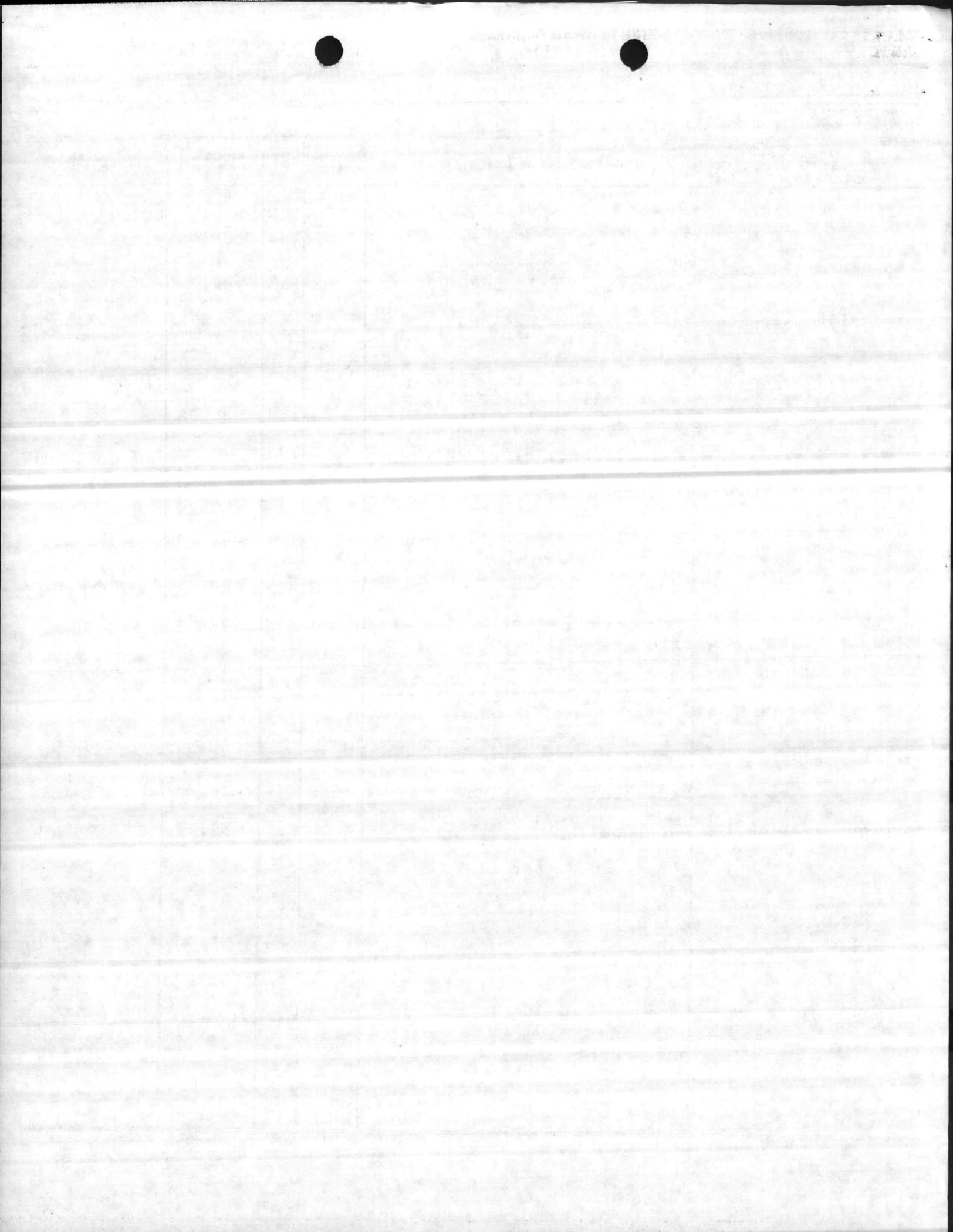


1. ACTIVITY (Name and Location)
 MARINE CORPS BASE, CAMP LEJEUNE, NC 28542

2. PROJECT TITLE
 VEHICLE READY FUEL STORAGE (FY-90)

P. NO. P-853

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
7110-00-601-9822	Bookcase, 48"overall 2 adj shelves	8	ea	82.92	663
7195-00-004-6716	Rack, wearing apparel, con- temporary 6 mtl hangers	8	ea	49.39	395
7240-00-285-5416	Basket, waste, 24 guage steel	20	ea	2.85	57
4210-00-720-1815	Extinguisher, fire 2-1/2 gal air expelled water, Class A stainless steel	6	ea	25.98	156
4210-01-089-0875	Extinguisher, fire, 20 lb Halon	6	ea	90.00	540
6645-00-514-3523	Clock, wall	12	ea	8.20	98
7910-00-680-8296	Floor Polisher	1	ea	209.90	210
OP MONROE	Adding Machine	1	ea	400.00	400
OP IBM	Typewriter, electric, selec- tric II, dual pitch, correctable	3	ea	850.00	2,550
OP	Vacuum cleaner, upright	1	ea	127.00 (est)	127
OP (DUTY ROOM)	Bed Bunk, king size	1	ea	71.00	71
"	Bed, bunk conversion unit	1	ea	14.00	14
7210-00-139-6424	Mattress	1	ea	54.00	54
OP	Bedspread (2 per man)	2	ea	14.00	28
"	Lamp Table	1	ea	33.00	33
OP	Table, lamp	1	ea	45.00	45
	Tackboard	1	ea	35.00	35
	TOTAL EXPENSE ITEMS				14,768

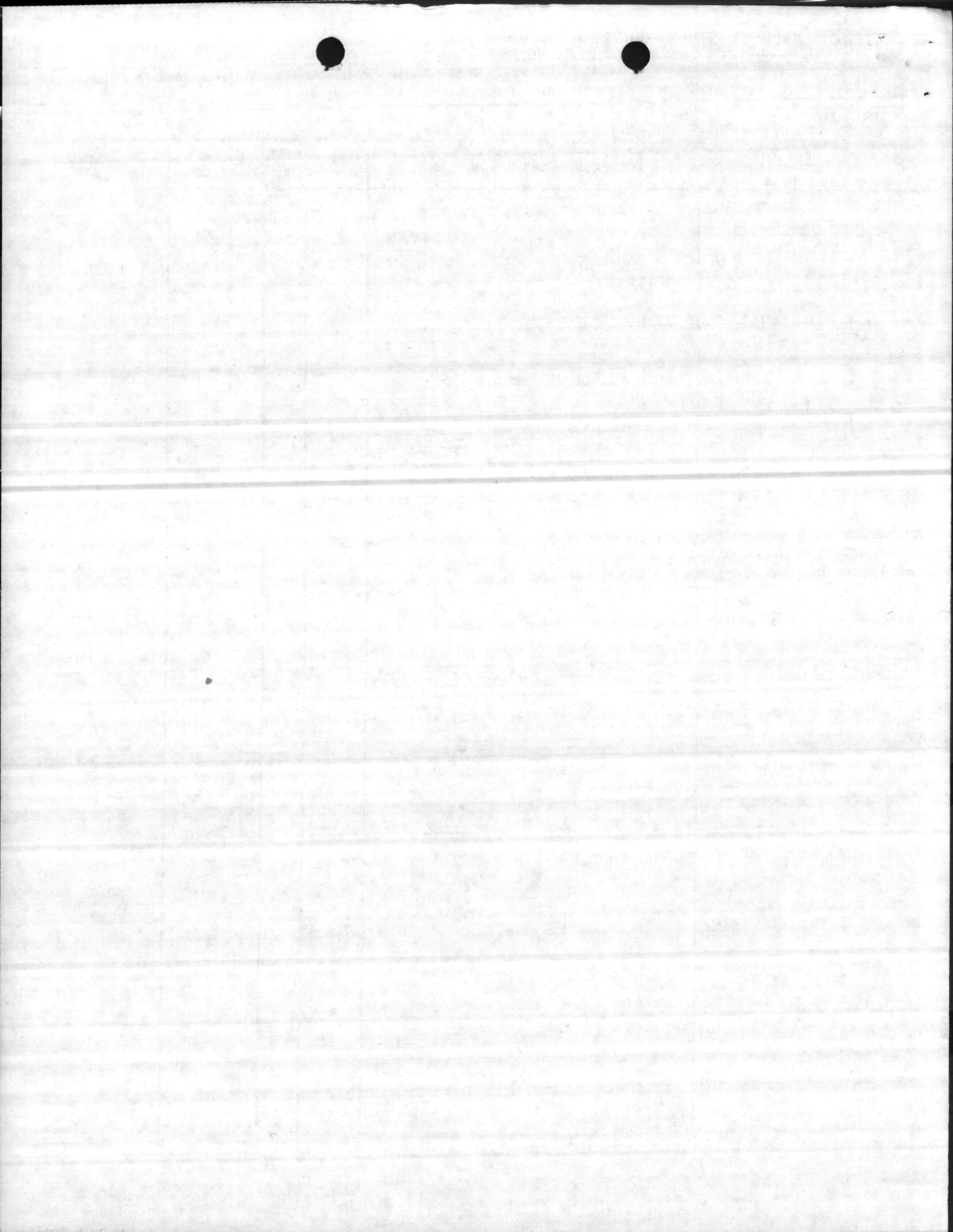


1. ACTIVITY (Name and Location)
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

2. PROJECT TITLE
 VEHICLE READY FUEL STORAGE (FY-90)

P. NO.
 P-853

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
3. <u>Investment Items:</u>	None.				
4. <u>APA Eqpt:</u>	None.				
5. <u>Training Eqpt.:</u>	None				
Estimated BOD December 1991					



DATE PREPARED:

7 August 1985

FROM: COMMANDING GENERAL, MARINE CORPS BASE, CAMP LEJEUNE, NC 28542

TO: COMMANDANT OF THE MARINE CORPS (CODE LFF)

NOMENCLATURE	CATEGORY CODE	UNIT OF MEASURE
VEHICLE BAY READY FUEL STORAGE	124-50	GALLONS
DETERMINATION OF REQUIREMENTS: (If additional space is needed, use plain sheet of paper)		SPECIFIC AREA
		HADNOT POINT

1. NAVFAC P-80 states that the size and number of fuel storage tanks will depend on the station's mission and the number of vehicles maintained. Also, the quantity of fuel stored at a fuel facility will depend on the service required of the facility. Therefore, past records would best indicate the rate of consumption and accordingly the storage requirements. The fuel storage requirement is:

YEARLY CONSUMPTION:

$$365 \text{ (days)} \times \frac{60}{10} \text{ (days)} \times 1.15 \text{ (15\% growth factor)} = \text{Storage Required (rounded)}$$

TYPES OF FUEL	YEARLY CONSUMPTION (FY-84)
Regular Gasoline	770,802 Gallons
Unleaded Gasoline	642,220 Gallons
Diesel	2,402,584 Gallons
Kerosene	246,950 Gallons

TOTAL REQUIREMENT FOR CATEGORY CODE

925,000 Gallons

MOBILIZATION STATEMENT

SIGNATURE: *R. A. Tiebout*
 R. A. TIEBOUT
 By direction

CMC REVIEW ACTION

EVALUATION:

This cat code is for immediate back up fuel for vehicles and equipment and does not contain fuel stored under 123-10 Filling Station. P-80 allows for 10 days storage for CONUS bases. A 15% increase was allowed based on new equipment listed in the 1985 FSR. No additional storage for diesel fuel is needed because the new diesel powered equipment replaces gasoline powered equipment allowing for a decrease in the gasoline storage reqmt. Ordering fuel every 8-10 days allows for only a 10 day storage reqmt. Facilities are only planned for pre M day.

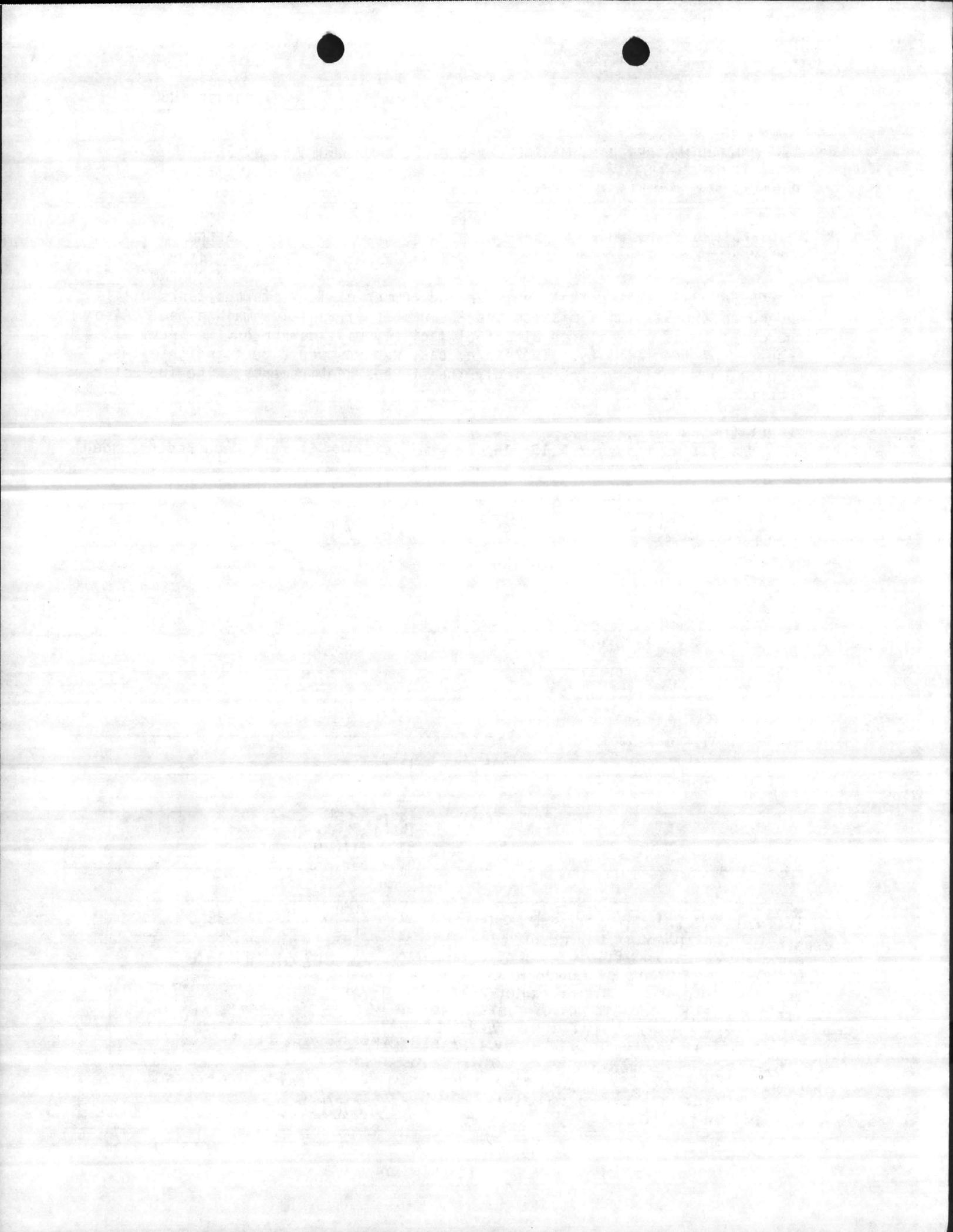
DATE 04 NOV 1985

ESTABLISHED REQUIREMENT
 128,000 GA

APPROVED

AS CORRECTED

SIGNATURE *W. Anderson*



COST ESTIMATE

DATE PREPARED

SHEET 1 OF 2

ACTIVITY AND LOCATION
MARINE CORPS BASE
CAMP LEJEUNE NC.

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY
W.L. BRANT

CATEGORY CODE NUMBER

PROJECT TITLE
VEHICLE READY FUEL STORAGE

STATUS OF DESIGN
 PED 30% 100% FINAL Other (Specify) PROJECT

12450

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
VEHICLE READY FUEL STORAGE :								
GASOLINE STORAGE (REGULAR)	24000	GA					0.90	21,600
GASOLINE STORAGE (UNLEADED)	30000	GA					0.90	27,000
DIESEL FUEL STORAGE	90000	GA					0.90	81,000
KEROSENE STORAGE	10000	GA					0.90	9,000
FILLING STATION :								
FUEL DISPENSING PUMPS (DOUBLE)	10	OL					5,000	50,000
UNDERGROUND STORAGE TANK (5000GA)	4	EA					15,000	60,000
METAL CANOPY	12,500	SF					8.85	110,000
ATTENDANT'S BOOTH	70	SF					17.65	1,235
TRUCK FILL STAND	4	OL					10,000	40,000
ADMIN. BUILDING	1200	SF					70.00	84,000
SUPPORTING FACILITIES								
WATER	676	LF					22.20	15,000
SEWER & STORM DRAINAGE	595	LF					45.37	27,000
STEAM	150	LF					90.00	13,500
ELECTRICITY	295	LF					144.06	42,500

COST EST.

15876

2417A

2417A

COST ESTIMATE

DATE PREPARED

SHEET 1 OF 2

ACTIVITY AND LOCATION
MARINE CORPS BASE
CAMP LEJEUNE NC.

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY
W.L. BRANT

CATEGORY CODE NUMBER

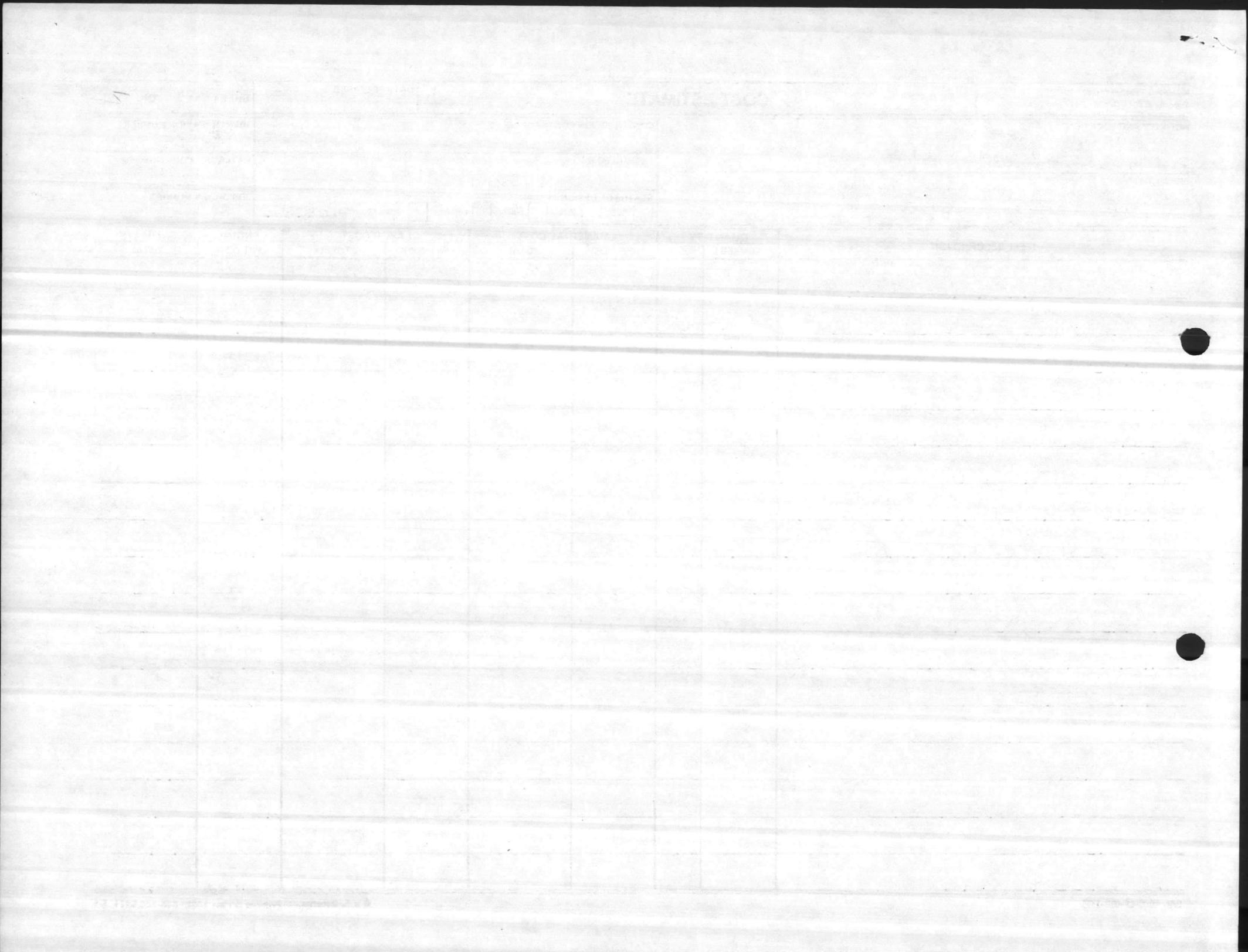
PROJECT TITLE
VEHICLE READY FUEL STORAGE

STATUS OF DESIGN
 PED 30% 100% FINAL Other (Specify) PROJECT

12450

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
VEHICLE READY FUEL STORAGE :								
GASOLINE STORAGE (REGULAR)	24000	GA					0.90	21,600
GASOLINE STORAGE (UNLEADED)	30000	GA					0.90	27,000
DIESEL FUEL STORAGE	90000	GA					0.90	81,000
KEROSENE STORAGE	10000	GA					0.90	9,000
FILLING STATION :								
FUEL DISPENSING PUMPS (DOUBLE)	10	OL					5,000	50,000
UNDERGROUND STORAGE TANK (5000GA)	4	EA					15,000	60,000
METAL CANOPY	12,500	SF					8.85	110,000
ATTENDANT'S BOOTH	70	SF					17.65	1,235
TRUCK FILL STAND	4	OL					10,000	40,000
ADMIN. BUILDING	1200	SF					70.00	84,000
SUPPORTING FACILITIES								
WATER	676	LF					22. ²⁰	15,000
SEWER & STORM DRAINAGE	595	LF					45. ³¹	27,000
STEAM	150	LF					90. ⁰⁰	13,500
ELECTRICITY	295	LF					144. ⁰⁶	42,500



COST ESTIMATE

DATE PREPARED

SHEET OF 2

ACTIVITY AND LOCATION

MCB CLJ.

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

P-853

ESTIMATED BY

CATEGORY CODE NUMBER

PROJECT TITLE

Vehicle Ready Fuel Storage

STATUS OF DESIGN

PED 30% 100% FINAL Other (Specify) _____

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
COMMUNICATIONS & FIRE ALARM	1	LS						11,000
SITE IMPROVEMENTS & DEMOLITION	61,500	SY					8.25	507,300
PAVEMENTS: RIGID & FLEXIBLE	6,000	SY					13.90	83,400
CONCRETE PIPE CHASE	2,500	LF					31.20	78,000
SPECIAL CONST. FEATURES (i.e., conc. FOUNDATIONS, POLLUTION ABATEMENT STRUCTURES, SECURITY FENCING, SECURITY LIGHTING, etc.,)	1	LS						250,000
								<u>1,511,535</u>
								CONTINGENCY 5%
								<u>75,500</u>
								TOTAL CONST. COST
								<u>1,587,035</u>
								STION 5.5%
								<u>87,000</u>
								TOTAL REQUEST
								<u>1,674,000</u>
								TOTAL REQUEST (ROUNDED)
								<u>1,700,000</u>



1. COMPONENT NAVY	FY 1990	MILITARY CONSTRUCTION PROJECT DATA		2. DATE REVISED 3 Nov 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542			4. PROJECT TITLE VEHICLE READY FUEL STORAGE	
5. PROGRAM ELEMENT	6. CATEGORY CODE 124-50	7. PROJECT NUMBER P-853	8. PROJECT COST (\$000) 1,500	

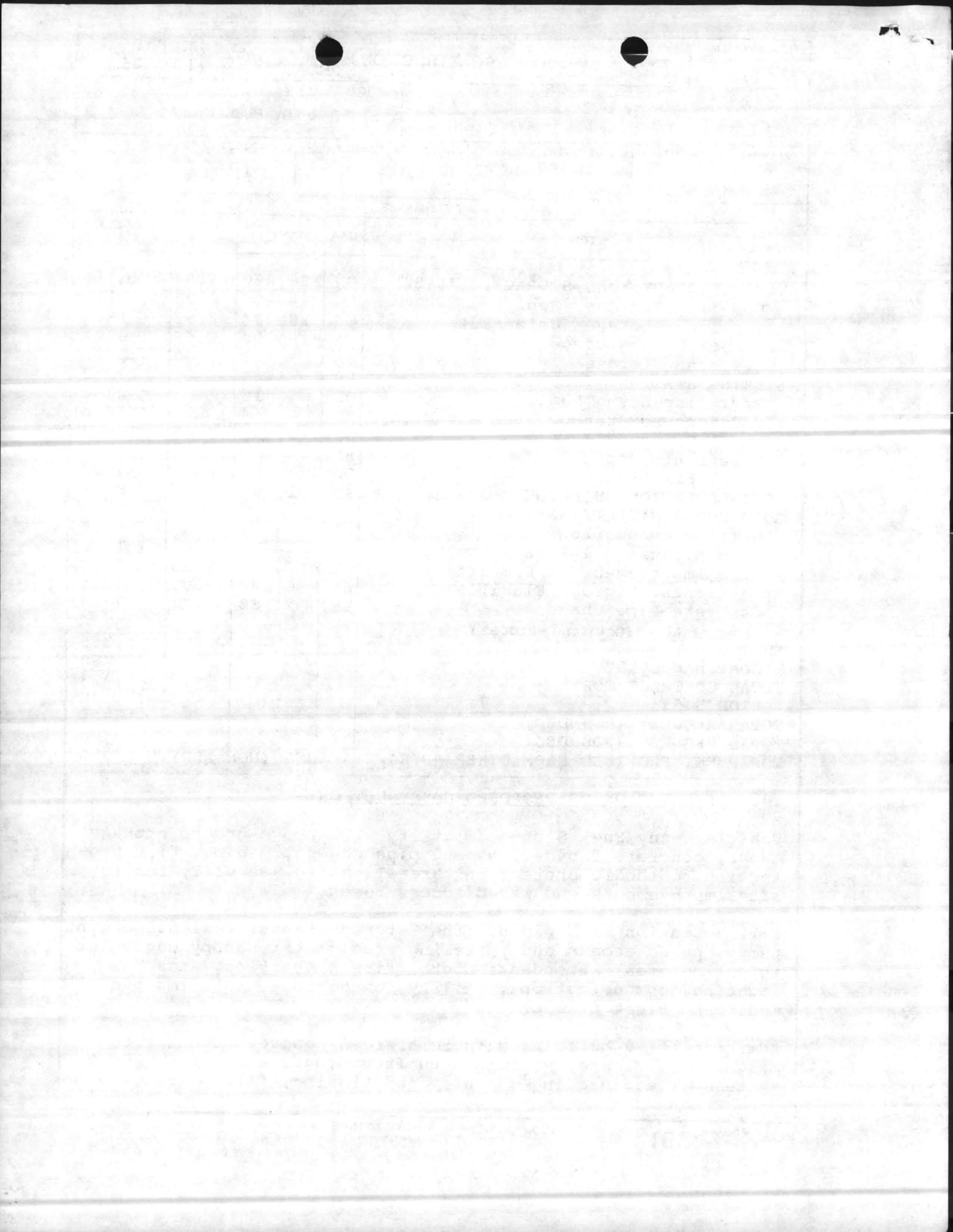
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
VEHICLE READY FUEL STORAGE (124-50)	GA	128,000	0.90	115.1
Gasoline Storage (Regular)	GA	24,286	0.90	(21.8)
Gasoline Storage (Unleaded)	GA	20,234	0.90	(18.2)
Diesel Fuel Storage	GA	75,700	0.90	(68.1)
Kerosene Storage	GA	7,780	0.90	(7.0)
FILLING STATION: (123-10)	LS			228.2
Fuel Dispensing Pumps	OL	10		(27.0)
Underground Storage Tank (5000 GA)	EA	4	15K	(60.0)
Metal Canopy	SF	12,500	8.85	(110.0)
Attendants Booth	SF	70	17.65	(1.2)
Truck Fill Stand	OL	3	10K	(30.0)
ADMINISTRATION BUILDING (123-15)	SF	1,200	70.00	84.0
SUPPORTING FACILITIES	LS	-	-	927.7
Utility Connections	LS	-	-	(98.0)
Communications & Fire Alarm Sys	LS	-	-	(11.0)
Site Improvements & Demolition	SY	61,500	8.25	(507.3)
Pavements: Rigid & Flexible	SY	6,000	13.90	(83.4)
Concrete Pipe Chase	LF	2,500	31.20	(78.0)
Special Construction Features	LS			(150.0)
SUBTOTAL				1,355
Contingency 5%				68
TOTAL CONTRACT COST				1,423
SIOH 5.5%				78
TOTAL REQUEST (ROUNDED)				1,501
TOTAL REQUEST (ROUNDED)				1,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON ADD)				0

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

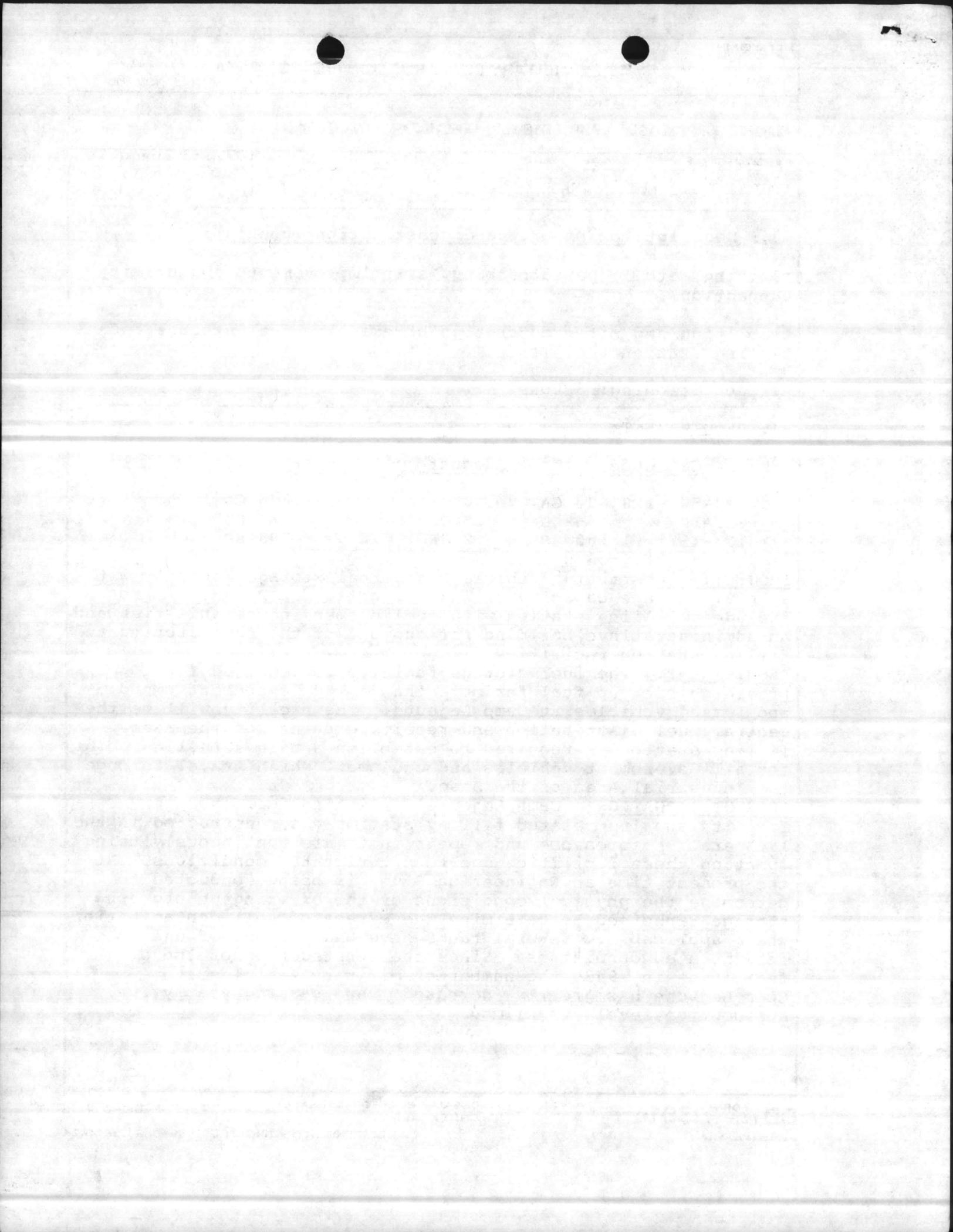
Vehicle/ready Fuel Storage Facility with above-ground storage tanks, concrete foundations and pipe chases, piping, fire protection, cathodic protection, area lighting, security fencing, site improvements and paved access roads.

Filing Station with piping, fuel storage tanks, fuel dispensing pumps, paved access and refueling area, metal canopy cover for refueling area, attendants booth, fire protection, area lighting, communications, utility connections, site improvements and truck fill stand.

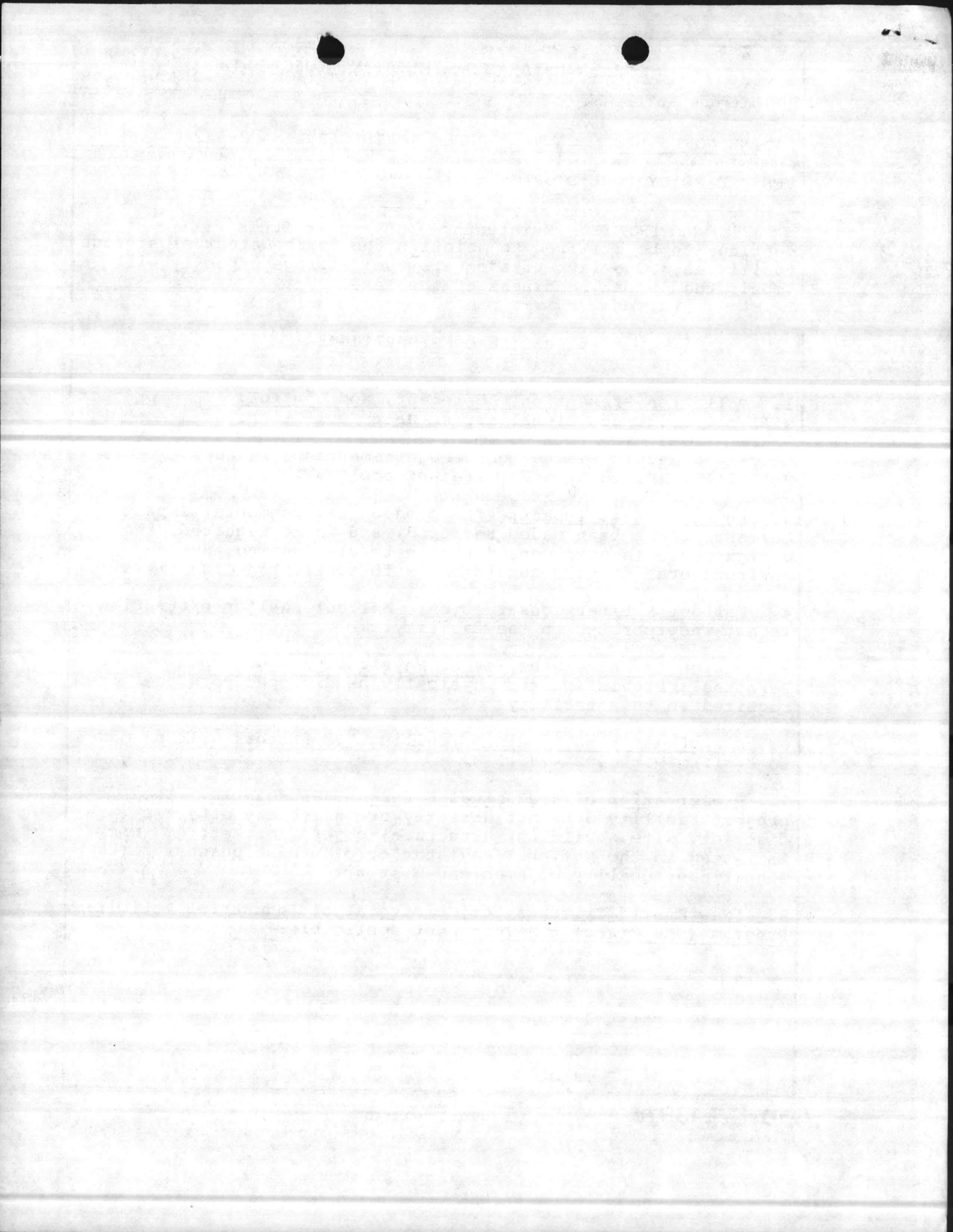
Administrative building with reinforced concrete foundation, masonry walls, steel framing, built-up roof, interior support systems (i.e.: heating and air conditioning, fire protection,



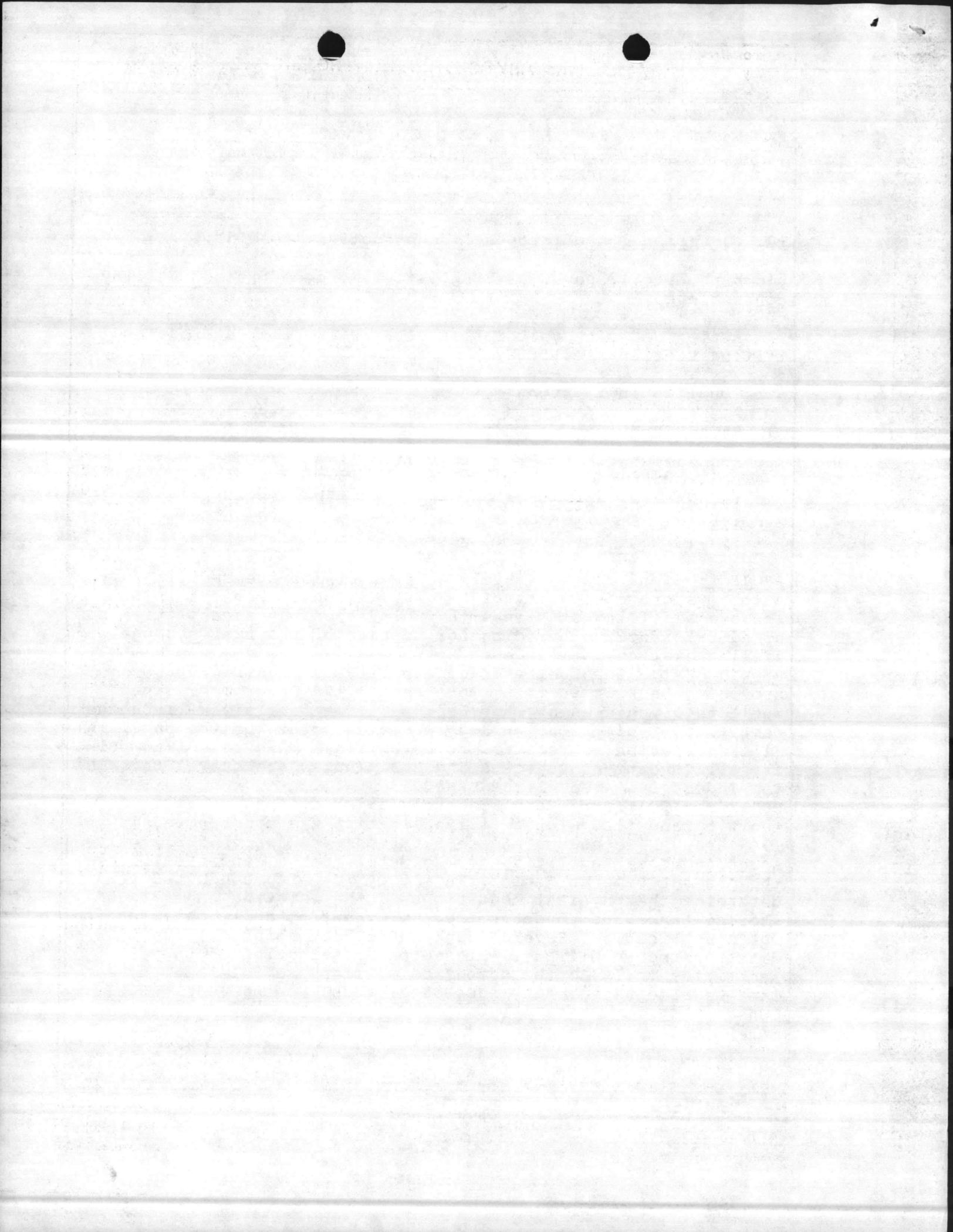
1. COMPONENT NAVY	FY 19 ⁹⁰ MILITARY CONSTRUCTION PROJECT DATA	2. DATE REVISED 3 Nov 86												
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542														
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853													
<p>10. <u>Description of proposed construction (cont'd):</u></p> <p>plumbing, etc.); paved parking, site improvements and utility connections.</p> <p>Demolition and site restoration of existing fuel storage and filling station facilities.</p> <p>Air Conditioning: 3 tons</p> <hr/> <p>11. <u>REQUIREMENT:</u></p> <table border="0" data-bbox="341 756 1250 934"> <thead> <tr> <th><u>Cat Code</u></th> <th><u>Adequate</u></th> <th><u>Substandard</u></th> </tr> </thead> <tbody> <tr> <td>124-50 128,000 GA</td> <td>0 GA</td> <td>199,000 GA</td> </tr> <tr> <td>123-10 56 OL</td> <td>23 OL</td> <td>0 OL</td> </tr> <tr> <td>123-15 1,200 SF</td> <td>0 SF</td> <td>798 SF</td> </tr> </tbody> </table> <p><u>PROJECT:</u> Construct a Vehicle Ready Fuel Storage Facility with a total storage capacity of 128,000 gallons. Project is to include a filling station with fuel dispensing capabilities and an administrative building for support of the fuel storage and filling station facilities.</p> <p><u>REQUIREMENT:</u> The fuel storage facility is required for providing back up fuel for more than 4,100 Government owned and leased vehicles at Camp Lejeune. The facility will be the central fuel distribution and receiving point for the Base. A filling station is required to establish a main refueling point for all Government vehicles and equipment which travel through the Industrial Area of the Base.</p> <p><u>CURRENT SITUATION:</u> Camp Lejeune's existing fuel storage facility and its related filling station was constructed in the 1943 era. Maintenance and repair funds are continuously being spent on these facilities due to deteriorated conditions. At the present time an Engineering Study is being conducted to determine the physical conditions of the existing underground storage tanks and to determine the extent of soil contamination where applicable. Several tanks have been abandoned due to deteriorated conditions. Since the construction of these facilities in 1943, the number of military vehicles at Camp Lejeune has greatly increased; thus causing yearly fuel consumption levels to climb.</p>			<u>Cat Code</u>	<u>Adequate</u>	<u>Substandard</u>	124-50 128,000 GA	0 GA	199,000 GA	123-10 56 OL	23 OL	0 OL	123-15 1,200 SF	0 SF	798 SF
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1. COMPONENT NAVY	FY 19 ⁹⁰ MILITARY CONSTRUCTION PROJECT DATA	2. DATE REVISED 3 Nov 1986
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p><u>IMPACT IF NOT PROVIDED:</u> Maintenance and repair funds will continue to be utilized to maintain the inadequate fuel storage facilities. The lack of adequate fuel storage capacity will impair the combat readiness of the Base.</p>		
<p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p>		
<ol style="list-style-type: none"> 1. <u>Pollution Prevention, Abatement, and Control:</u> This project will not cause additional air or water pollution. 2. <u>Flood Hazard Evaluation:</u> Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable. 3. <u>Environmental Impact:</u> The project Environmental Impact Assessment has been made, reviewed, and where required, the design concepts give consideration to eliminating adverse environmental effects consistent with applicable directives. 4. <u>Fallout Shelter Construction:</u> Fallout shelter protection is not incorporated in the facility. 5. <u>Design for Accessibility of Physically Handicapped Personnel:</u> Provisions for physically handicapped personnel are required in this facility. 6. <u>Use of Air conditioning:</u> Ceiling "U" factors will be made to conform with DOD 4270.1-M. 7. <u>Preservation of Historical Sites and Structures:</u> The project facility does not directly or indirectly affect a district, site, building, structure, object, or setting which is listed in the National Register or otherwise possess a significant quality of American History. 8. <u>"New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76):</u> Not applicable. 		



1. COMPONENT NAVY	FY 19 ⁹⁰ MILITARY CONSTRUCTION PROJECT DATA	2. DATE REVISED 3 Nov 86												
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542														
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853													
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<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Cat Code</u></th> <th style="text-align: left;"><u>Adequate</u></th> <th style="text-align: left;"><u>Substandard</u></th> </tr> </thead> <tbody> <tr> <td>124-50 128,000 GA</td> <td>0 GA</td> <td>199,000 GA</td> </tr> <tr> <td>123-10 56 OL</td> <td>23 OL</td> <td>0 OL</td> </tr> <tr> <td>123-15 1,200 SF</td> <td>0 SF</td> <td>798 SF</td> </tr> </tbody> </table>			<u>Cat Code</u>	<u>Adequate</u>	<u>Substandard</u>	124-50 128,000 GA	0 GA	199,000 GA	123-10 56 OL	23 OL	0 OL	123-15 1,200 SF	0 SF	798 SF
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<p><u>CURRENT SITUATION:</u> Camp Lejeune's existing fuel storage facility and its related filling station was constructed in the 1943 era. Maintenance and repair funds are continuously being spent on these facilities due to deteriorated conditions. At the present time an Engineering Study is being conducted to determine the physical conditions of the existing underground storage tanks and to determine the extent of soil contamination where applicable. Several tanks have been abandoned due to deteriorated conditions. Since the construction of these facilities in 1943, the number of military vehicles at Camp Lejeune has greatly increased; thus causing yearly fuel consumption levels to climb.</p>														



1. COMPONENT NAVY		90 FY 19__ MILITARY CONSTRUCTION PROJECT DATA		2. DATE REVISED 3 Nov 86	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542			4. PROJECT TITLE VEHICLE READY FUEL STORAGE		
5. PROGRAM ELEMENT		6. CATEGORY CODE 124-50	7. PROJECT NUMBER P-853	8. PROJECT COST (\$000) 1,500	

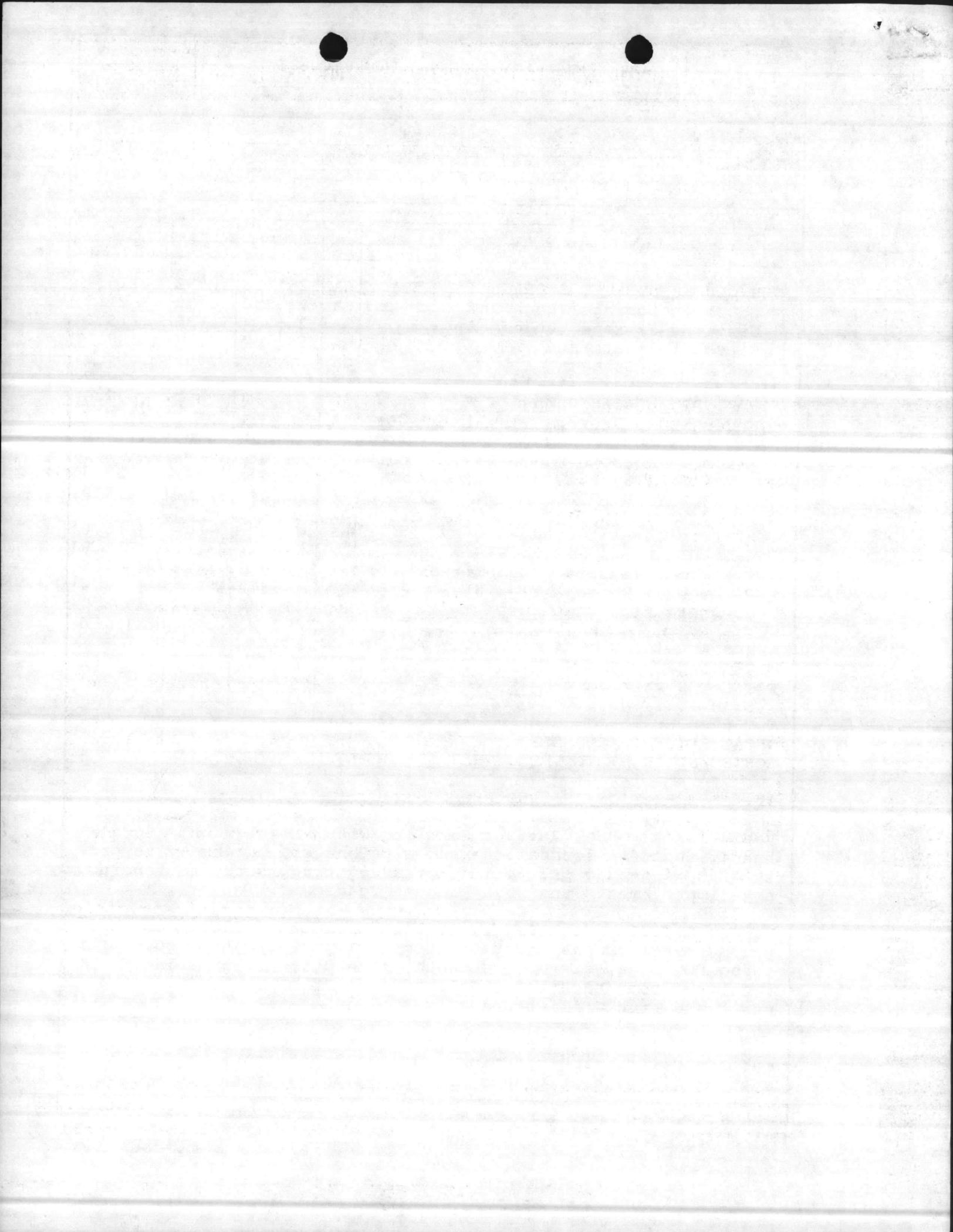
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
VEHICLE READY FUEL STORAGE (124-50)	GA	128,000	0.90	115.1
Gasoline Storage (Regular)	GA	24,286	0.90	(21.8)
Gasoline Storage (Unleaded)	GA	20,234	0.90	(18.2)
Diesel Fuel Storage	GA	75,700	0.90	(68.1)
Kerosene Storage	GA	7,780	0.90	(7.0)
FILLING STATION: (123-10)	LS			228.2
Fuel Dispensing Pumps	OL	10		(27.0)
Underground Storage Tank (5000 GA)	EA	4	15K	(60.0)
Metal Canopy	SF	12,500	8.85	(110.0)
Attendants Booth	SF	70	17.65	(1.2)
Truck Fill Stand	OL	3	10K	(30.0)
ADMINISTRATION BUILDING (123-15)	SF	1,200	70.00	84.0
SUPPORTING FACILITIES	LS	-	-	927.7
Utility Connections	LS	-	-	(98.0)
Communications & Fire Alarm Sys	LS	-	-	(11.0)
Site Improvements & Demolition	SY	61,500	8.25	(507.3)
Pavements: Rigid & Flexible	SY	6,000	13.90	(83.4)
Concrete Pipe Chase	LF	2,500	31.20	(78.0)
Special Construction Features	LS			(150.0)
SUBTOTAL	-	-	-	1,355
Contingency 5%				68
TOTAL CONTRACT COST				1,423
SIQH 5.5%				78
TOTAL REQUEST (ROUNDED)				1,501
TOTAL REQUEST (ROUNDED)				1,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON ADD)				0

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Vehicle/ready Fuel Storage Facility with above-ground storage tanks, concrete foundations and pipe chases, piping, fire protection, cathodic protection, area lighting, security fencing, site improvements and paved access roads.

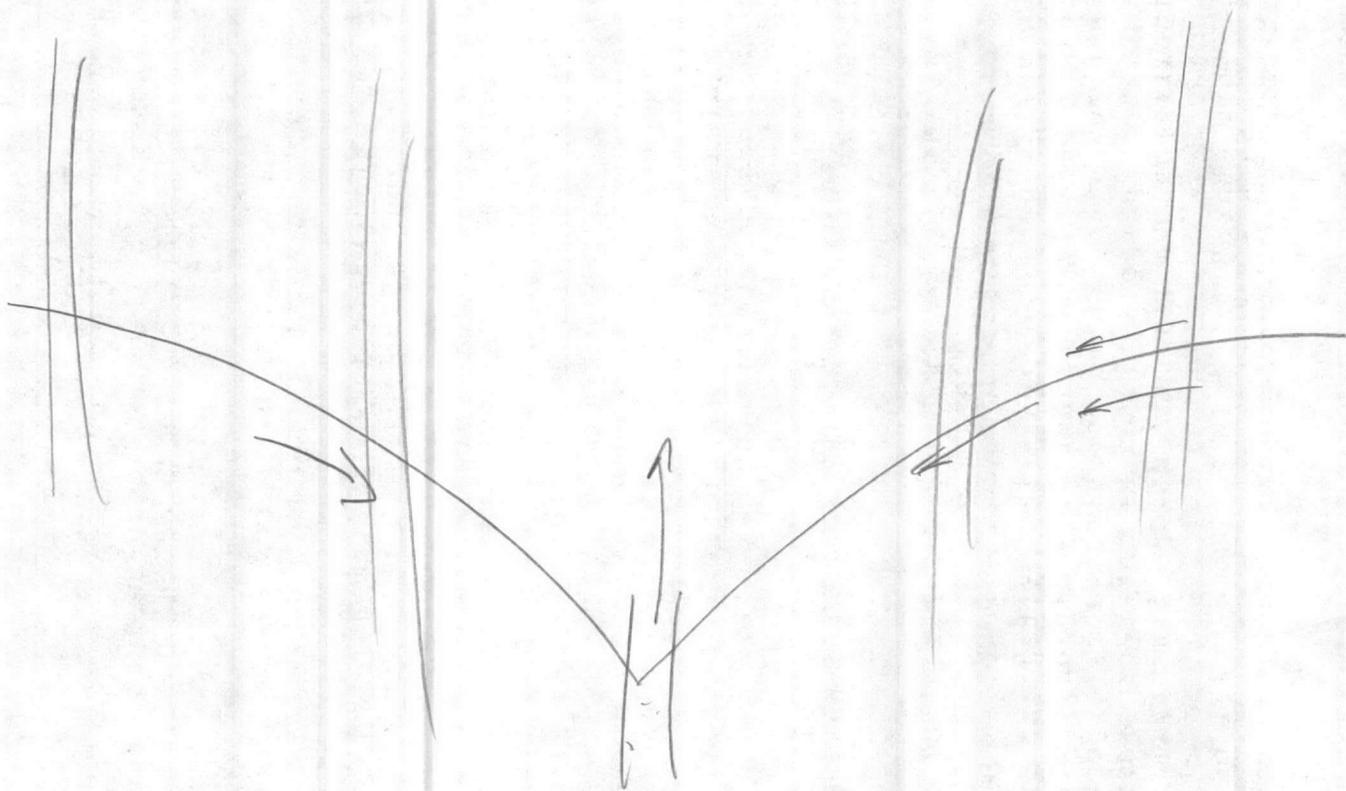
Filling Station with piping, fuel storage tanks, fuel dispensing pumps, paved access and refueling area, metal canopy cover for refueling area, attendants booth, fire protection, area lighting, communications, utility connections, site improvements and truck fill stand.

Administrative building with reinforced concrete foundation, masonry walls, steel framing, built-up roof, interior support systems (i.e.: heating and air conditioning, fire protection,



1. COMPONENT NAVY	FY 19 ⁹⁰ MILITARY CONSTRUCTION PROJECT DATA	2. DATE REVISED 3 Nov 1986
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p><u>IMPACT IF NOT PROVIDED:</u> Maintenance and repair funds will continue to be utilized to maintain the inadequate fuel storage facilities. The lack of adequate fuel storage capacity will impair the combat readiness of the Base.</p>		
<p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p>		
<ol style="list-style-type: none"> 1. <u>Pollution Prevention, Abatement, and Control:</u> This project will not cause additional air or water pollution. 2. <u>Flood Hazard Evaluation:</u> Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable. 3. <u>Environmental Impact:</u> The project Environmental Impact Assessment has been made, reviewed, and where required, the design concepts give consideration to eliminating adverse environmental effects consistent with applicable directives. 4. <u>Fallout Shelter Construction:</u> Fallout shelter protection is not incorporated in the facility. 5. <u>Design for Accessibility of Physically Handicapped Personnel:</u> Provisions for physically handicapped personnel are required in this facility. 6. <u>Use of Air conditioning:</u> Ceiling "U" factors will be made to conform with DOD 4270.1-M. 7. <u>Preservation of Historical Sites and Structures:</u> The project facility does not directly or indirectly affect a district, site, building, structure, object, or setting which is listed in the National Register or otherwise possess a significant quality of American History. 8. <u>"New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76):</u> Not applicable. 		

159°



UPDATE Facility Study

1. COMPONENT
MARINE CORPS
FY 19⁹⁰ MILITARY CONSTRUCTION PROJECT DATA
2. DATE
30 Sep 86.

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

4. PROJECT TITLE
VEHICLE READY FUEL STORAGE
5. PROJECT NUMBER
P-853

128,000 FACILITY STUDY

1. Project: Provide a Vehicle Ready Fuel Storage facility with a total storage capacity of ~~925,000~~ gallons. Provide a filling station with fuel dispensing capabilities and an administrative building for support of the fuel storage and filling station facilities.

2. Current and Planned Future Workload with Regard to this Project:
The duration of need is indefinite and the facilities will be utilized 100 percent of the time.

3. Description of Proposed Construction:

a. Type of Construction: Permanent fuel storage facility and filling station with aboveground storage tanks, administrative building, fuel dispensing pumps, utility connections, paved access roads and parking and utility connections.

b. Replacement: This project replaces 792,000 gallons (192,000 GA in Category code 124-50 and 600,000 GA in category code 821-60) of inadequate fuel storage facilities, a filling station with dispensing outlets (category code 123-10) and filling station administrative building (category code 123-15) of 798 SF. For more detail see paragraph 3.c.(4).

c. Description of Work to be Done:

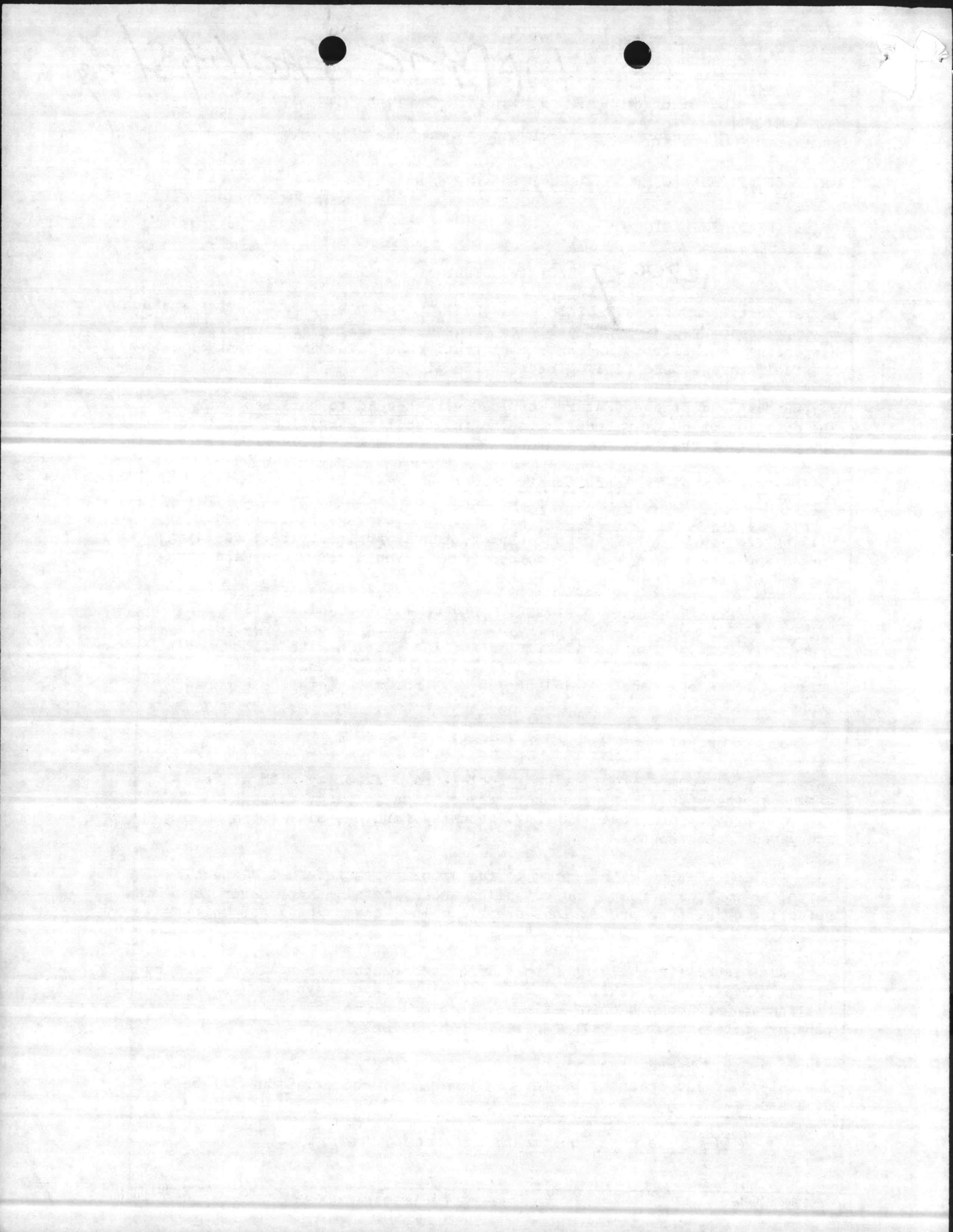
(1) Primary Facilities: Fuel storage facility with above-ground storage tanks, with concrete foundations, piping, fire protection, cathodic protection, area lighting, security fencing, site improvements and paved access roads.

Filling station with piping to fuel storage tanks, fuel dispensing pumps, paved access roads and refueling area, metal canopy cover for refueling area, fire protection, area lighting, communications, utility connections and site improvements.

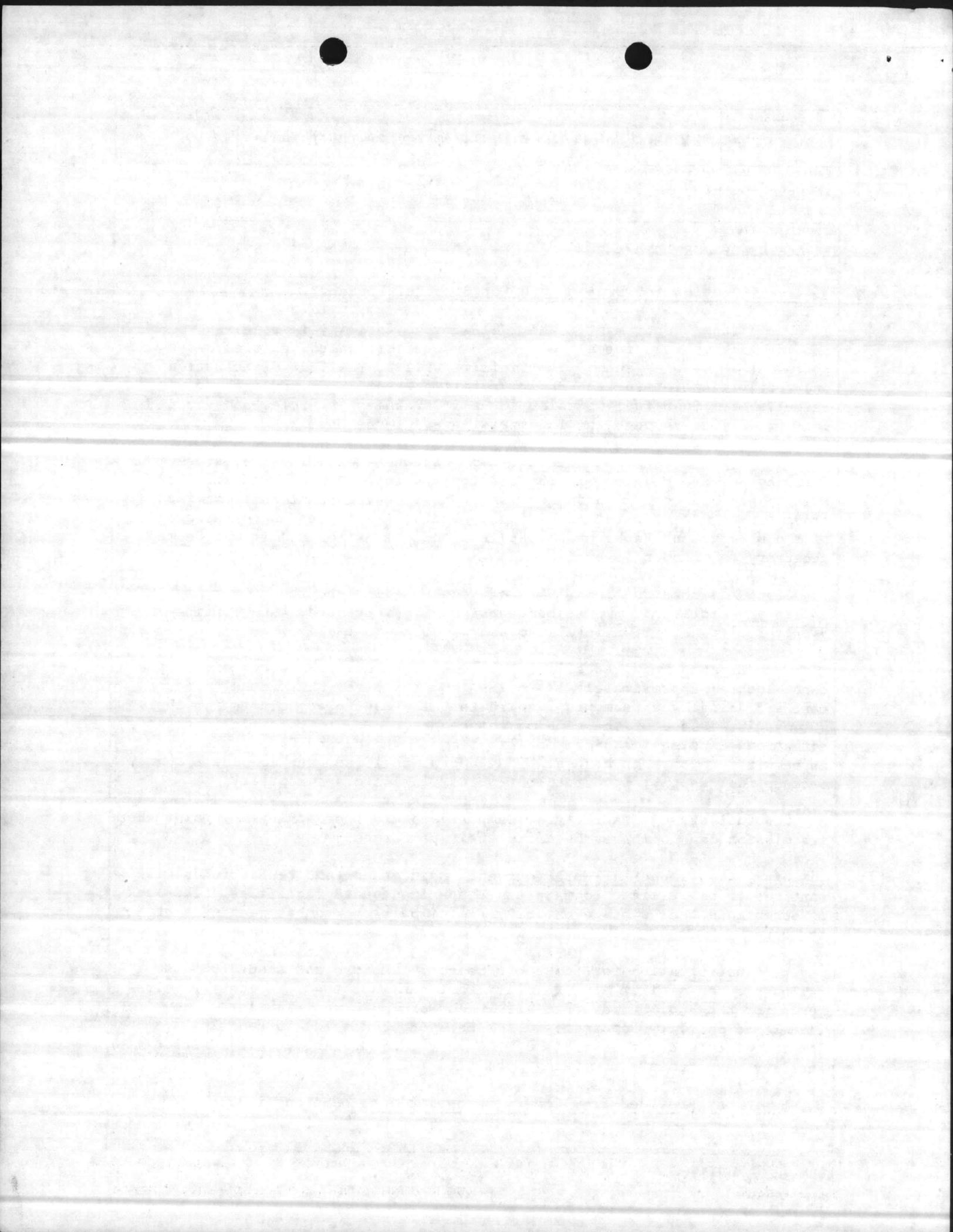
Administrative building with reinforced concrete foundation, masonry walls, steel framing, built-up roof, interior support systems, (i.e.: heating and air conditioning, fire protection, plumbing, etc.), paved parking, site improvements and utility connections.

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

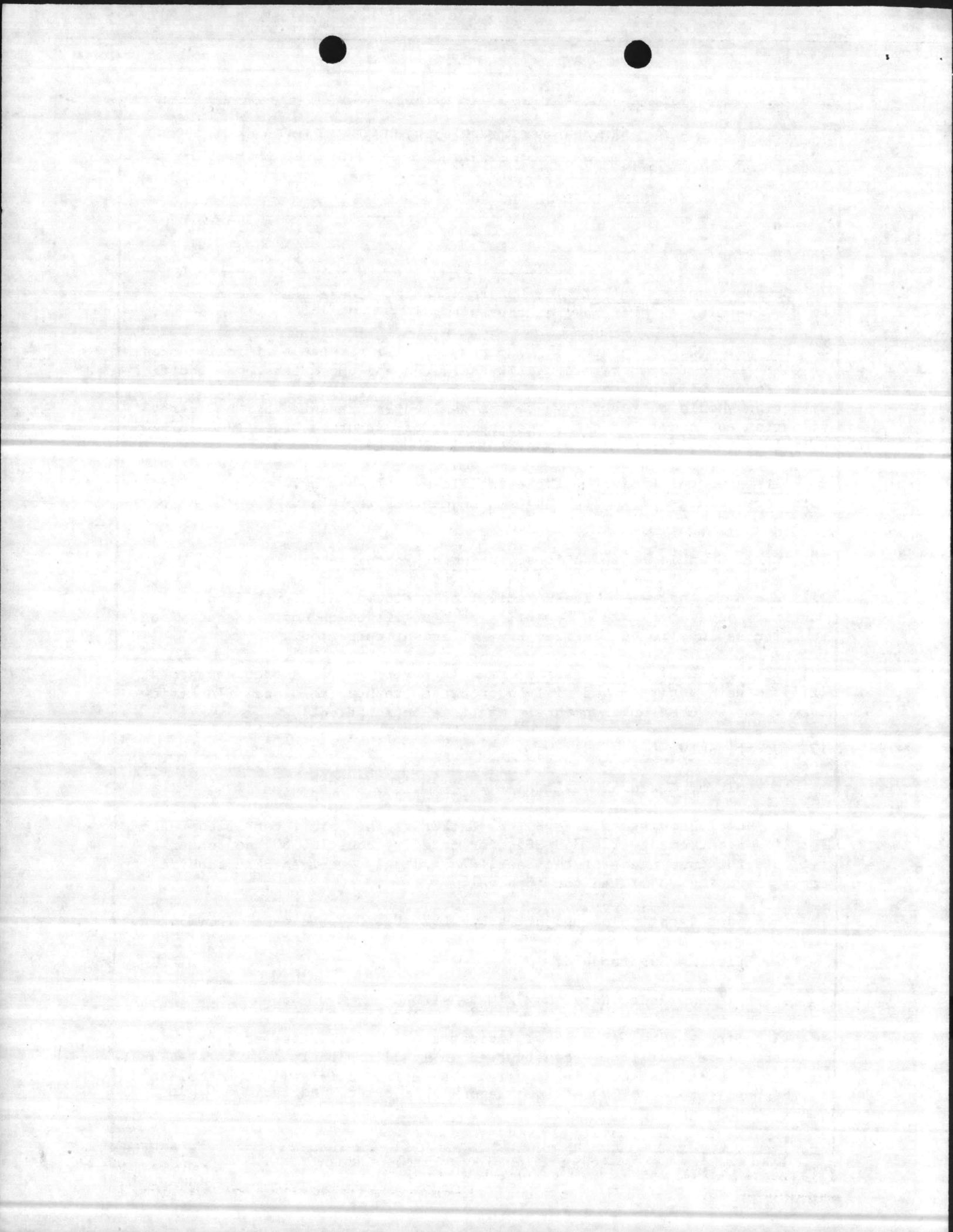
(3) Collateral Equipment: See enclosure (1).



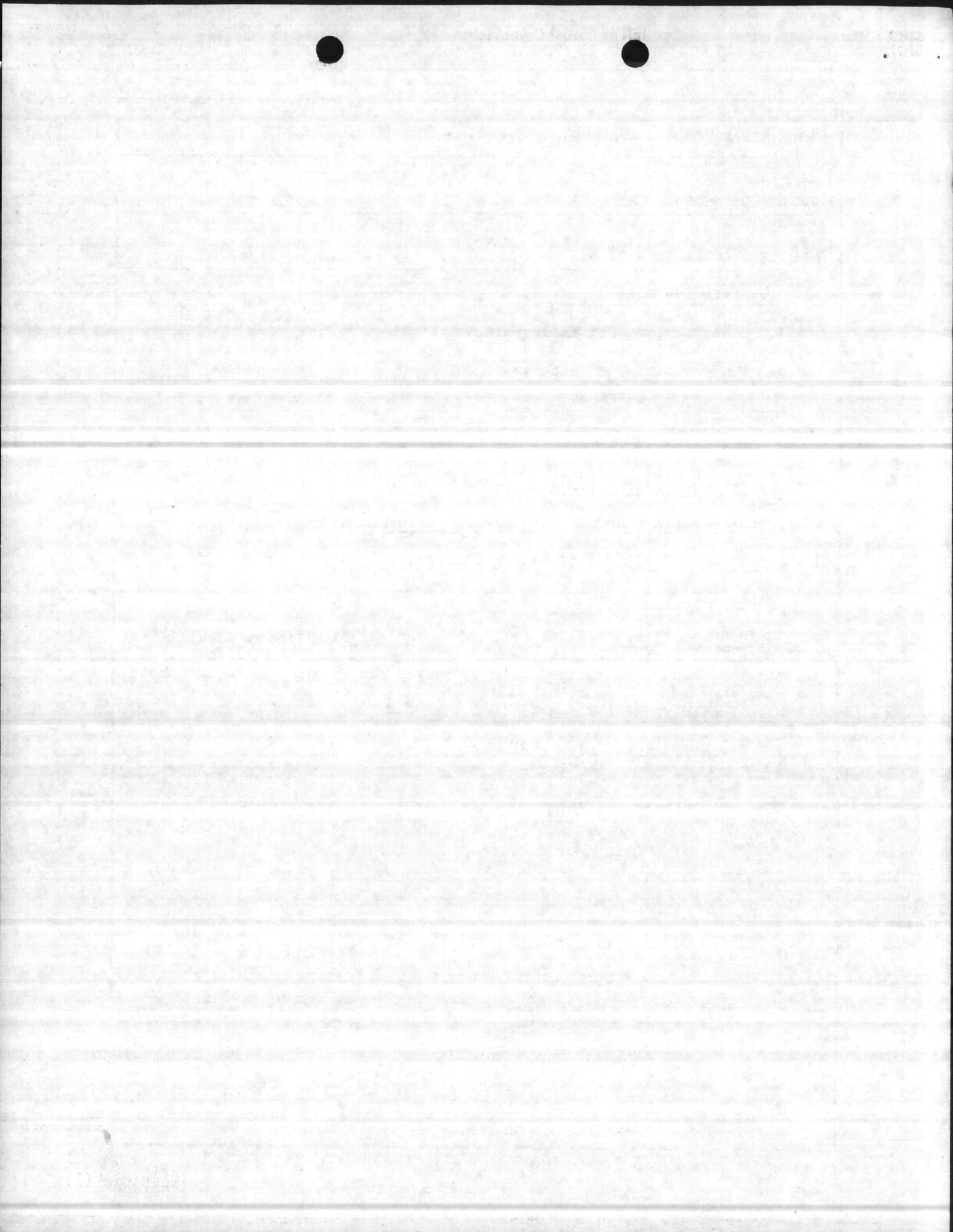
1. COMPONENT MARINE CORPS	FY 19 <u>90</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 Sep 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>5. <u>Justification for Project and for Scope of Project:</u> (continued)</p> <p>(2) <u>Requirement:</u> The fuel storage facility is required to provide back up fuel for all Government owned or leased vehicles and equipment at Camp Lejeune. The facility will be the fuel distribution and receiving point for the Base. A filling station is required to establish a main refueling point for all Government vehicles and equipment traveling through the Industrial Area of the Base.</p> <p>(3) <u>Current Situation:</u> Camp Lejeune's existing fuel storage facility and its related filling station was constructed in the 1943 era. Maintenance and repair funds are continuously being spent on these facilities due to deteriorated conditions. Fuel leaks due to the deterioration of the underground tanks has caused soil contamination and it was deemed necessary to abandon several tanks.</p> <p>Since the construction (1943) of these facilities, the number of military vehicles at Camp Lejeune has greatly increased, thus causing yearly fuel consumption levels to soar.</p> <p>Camp Lejeune receives all its fuel requirements from a commercial fuel depot located approximately 125 miles from the Base. Contractual procurement and delivery agreements require that the Base place orders for fuel 30 days in advance of the time of actual need. Due to potential emergency situations causing immediate mobilization of the Marine Corps, the Base is required to have on hand a 30 day operational fuel supply plus a 30 day back up fuel supply for a total of 60 day fuel storage capacity.</p> <p>The fuel storage facility at Camp Lejeune is approaching the point where its mission can no longer be efficiently performed.</p> <p>(4) <u>Impact If Not Provided:</u> Maintenance and repair funds will continue to be utilized to maintain these inadequate facilities. The lack of acceptable fuel storage capacity will impair the combat readiness of the Base.</p> <p>b. <u>Justification for Scope of Project:</u> The project scope, 925,000 gallons, is the minimum size facility that can meet the deficiency requirements for the Fuel Storage Facility needs of the Base. The latest certified Basic Facility Requirement, for category codes 124-50 and 123-15, no longer reflects the true needs of the Base. Accordingly, revised Basic Facility Requirements are being submitted for approval.</p> <p>6. <u>Equipment Provided from Other Appropriations:</u> Not applicable.</p>		



1. COMPONENT MARINE CORPS MARINE CORPS	FY 19 <u>90</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 Sep 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>7. <u>Common Support Facilities</u>: Not applicable. There are no common support facilities available at the Base.</p> <p>8. <u>Effect On Other Resources</u>: The project will require a minimal increase in O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977, and implemented by NAVFACINST 4100.5A.</p> <p>9. <u>Siting of the Project</u>: These facilities will be located in the Hadnot Point Area, in keeping with the Camp Lejeune Master Plan. See enclosure (2).</p> <p>10. <u>Other Graphic Presentations, including Photographs</u>: See encl. (3).</p> <p>11. <u>Economic Analysis</u>: These facilities are being constructed on a partially developed site. Economic savings will be in nominal energy consumption savings to be realized from efficient operations.</p> <p>12. <u>Environmental Impact Assessment</u>: An Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated.</p> <p>13. <u>Quantitative Data</u>:</p> <p>a. Unit of Measure: GALLONS</p> <p>b. Total Requirement: *925,000 GALLONS. The latest certified Basic Facility Requirement (276,340 SF), for category code 124-50, no longer reflects the true needs of the Base. Accordingly, revised BFRL requirements are being submitted for approval.</p> <p>*For justification of project scope (925,000 GA) see para 5.b.(3).</p> <p>c. Existing Substandard: 0</p> <p>d. Existing Inadequate: *792,000 GALLONS</p> <p>*The latest Form NAVMC 10651 indicates these facilities are adequate. However, these facilities (constructed in 1943) are badly deteriorated and are being redesignated as inadequate. These facilities will be demolished by this project. (600,000 GA in category code 821-60 and 192,000 GA in category code 124-50).</p> <p>e. Existing Adequate: 0</p>		



1. COMPONENT MARINE CORPS	FY 19__ MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>13. <u>Quantitative Data: (cont'd)</u></p> <p>f. Other Assets, Not in Inventory: 0</p> <p>g. Funded, Not in Inventory: 0</p> <p>h. Adequate Assets: (e + F + g) = 0</p> <p>i. Deficiency: (b - h) = 925,000 GALLONS</p> <p>14. <u>Maintenance Facility:</u> Not applicable.</p> <p>15. <u>Morale, Welfare and Recreation Facilities:</u> Not applicable.</p> <p>16. <u>Relocation Facilities:</u> Not applicable.</p> <p>17. <u>Storage Facilities:</u> Not applicable.</p> <p>18. <u>Hazard Identification, Assessment and Analysis:</u> Proposed facilities will be a fuel storage facility and a filling station. The following potential hazardous conditions will be considered during the design phase:</p> <p>a. Gasoline/Diesel Fumes</p> <p>b. Fire</p>		

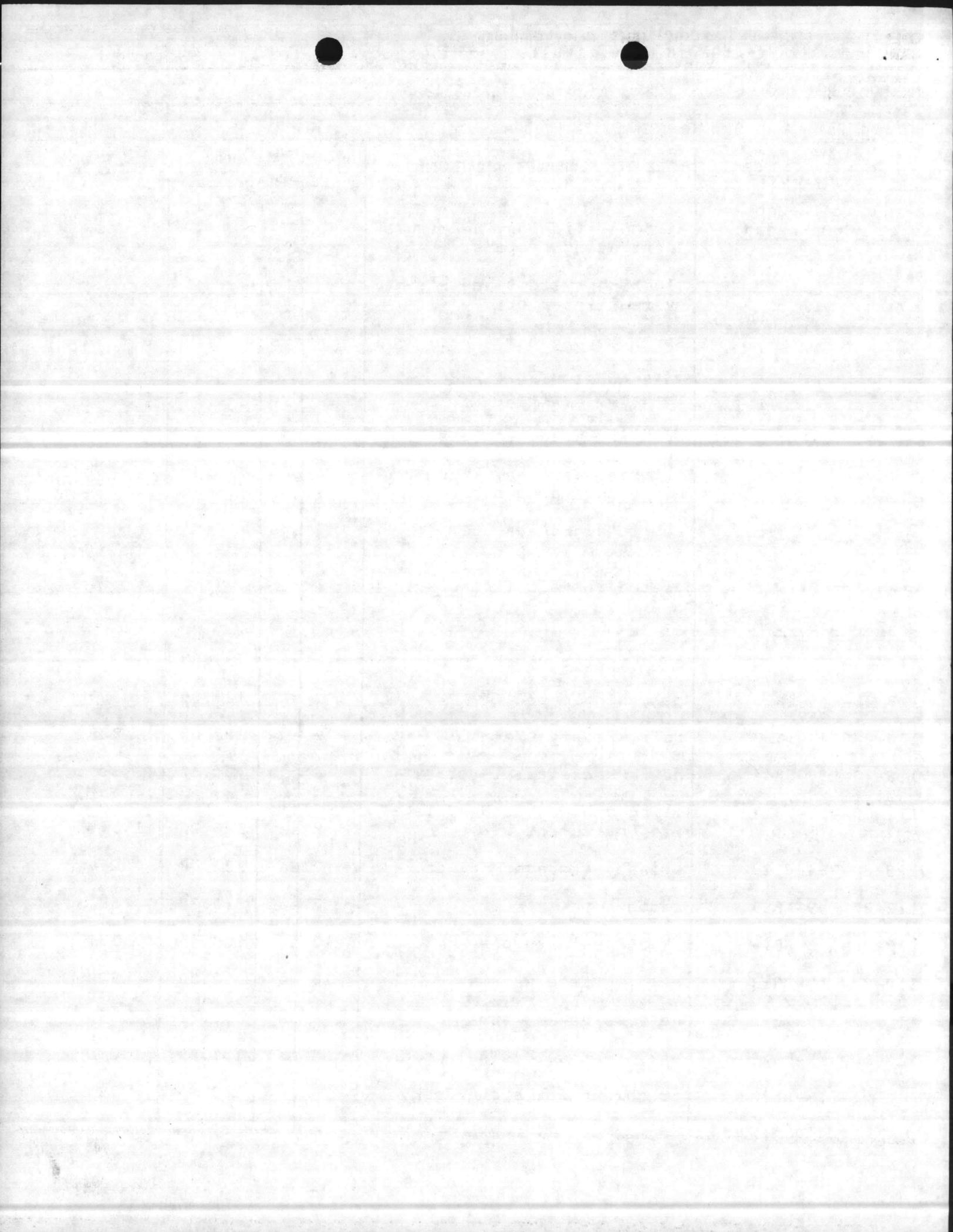


1. ACTIVITY (Name and Location)
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

2. PROJECT TITLE
 VEHICLE READY FUEL STORAGE (FY-90)

P. NO.
 P-853

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
1. Built In Eqpt to be MCON Funded:	*Air Conditioning, Heating & ventilating systems		sys		
	*Plumbing systems and Steam system (interior)		sys		
	*Sprinkler System		sys		
	*Telephone, Fire Alarm & intercom systems		sys		
	*Drinking water coolers		ea		
	*Blinds, venetian, light tight and window screens		pr		
	*Public address system		sys		
	*Equipment with associated installation cost.				
2. Expense Items:					
7110-00-149-1630	Desk, flat top, dbl ped	8	ea	234.23	1,874
7110-00-149-1628	Desk, single ped	2	ea	180.09	360
7110-00-149-1653	Chair, rotary w/arms	10	ea	82.00	820
7110-00-958-8044	Chair, secretarial rotary	8	ea	64.60	517
7110-00-497-2012	Filing cabinet, 5 dwr, legal size, parchment	8	ea	146.20	1,170
7125-00-764-6129	Cabinet, storage, dbl dr.	2	ea	132.78	266
7110-00-149-1659	Credenza	2	ea	340.39	681
7110-00-113-0816	Table, gen'l purpose	2	ea	168.45	337
7110-00-149-1653	Chair, office w/arms	10	ea	82.00	820
7110-00-149-2075	Chair, side w/o arms	8	ea	71.05	568
7110-00-149-1628	Desk, flat top, single ped	6	ea	180.09	1,081
7110-01-016-6580	Attachment for above desk	6	ea	132.93	798

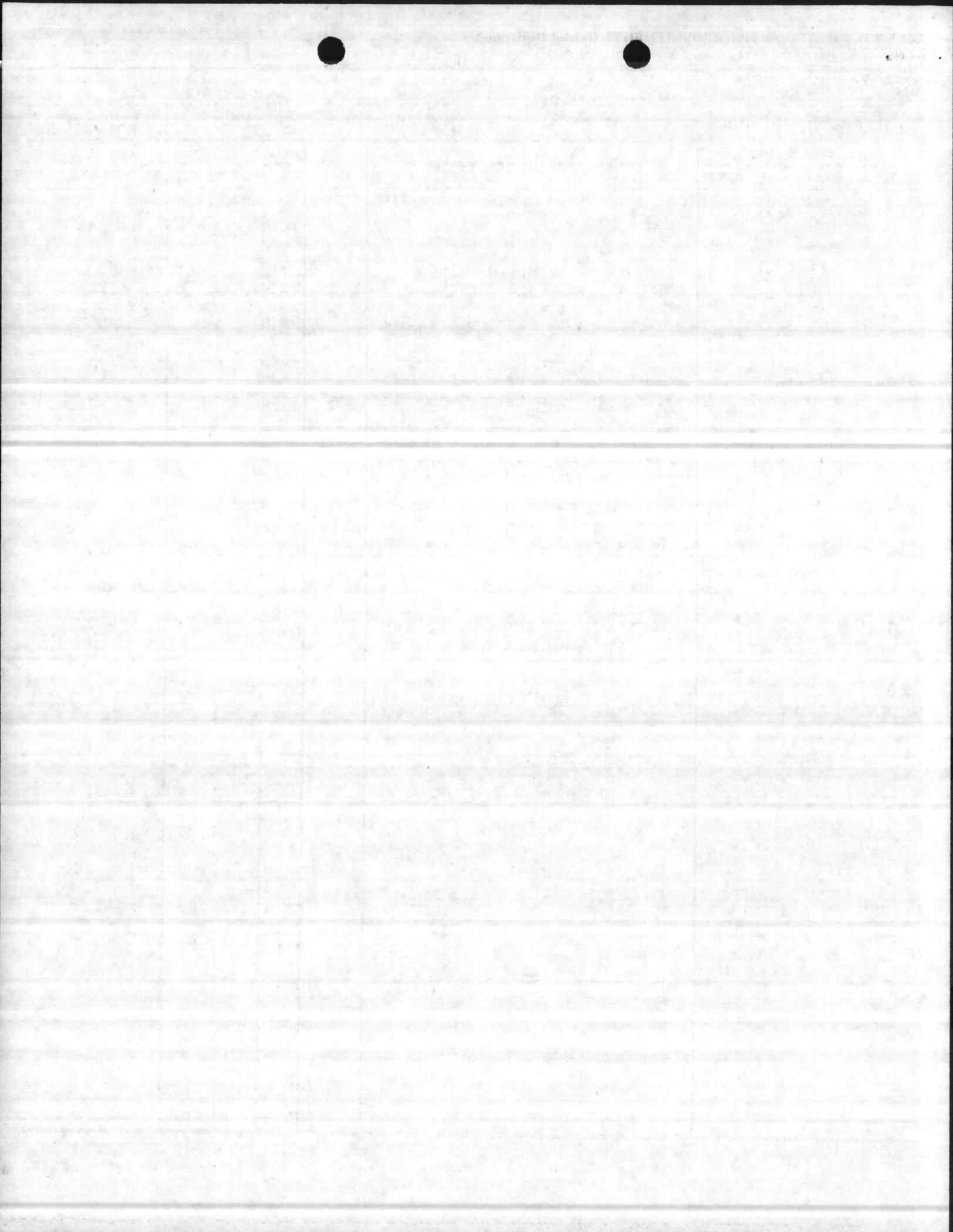


1. ACTIVITY (Name and Location)
 MARINE CORPS BASE, CAMP LEJEUNE, NC 28542

2. PROJECT TITLE
 VEHICLE READY FUEL STORAGE (FY-90)

P. NO. P-853

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
7110-00-601-9822	Bookcase, 48"overall 2 adj shelves	8	ea	82.92	663
7195-00-004-6716	Rack, wearing apparel, con- temporary 6 mtl hangers	8	ea	49.39	395
7240-00-285-5416	Basket, waste, 24 guage steel	20	ea	2.85	57
4210-00-720-1815	Extinguisher, fire 2-1/2 gal air expelled water, Class A stainless steel	6	ea	25.98	156
4210-01-089-0875	Extinguisher, fire, 20 lb Halon	6	ea	90.00	540
6645-00-514-3523	Clock, wall	12	ea	8.20	98
7910-00-680-8296	Floor Polisher	1	ea	209.90	210
OP MONROE	Adding Machine	1	ea	400.00	400
OP IBM	Typewriter, electric, selec- tric II, dual pitch, correctable	3	ea	850.00	2,550
OP	Vacuum cleaner, upright	1	ea	127.00 (est)	127
OP (DUTY ROOM)	Bed Bunk, king size	1	ea	71.00	71
"	Bed, bunk conversion unit	1	ea	14.00	14
7210-00-139-6424	Mattress	1	ea	54.00	54
OP	Bedsread (2 per man)	2	ea	14.00	28
"	Lamp Table	1	ea	33.00	33
OP	Table, lamp	1	ea	45.00	45
	Tackboard	1	ea	35.00	35
	TOTAL EXPENSE ITEMS				14,768

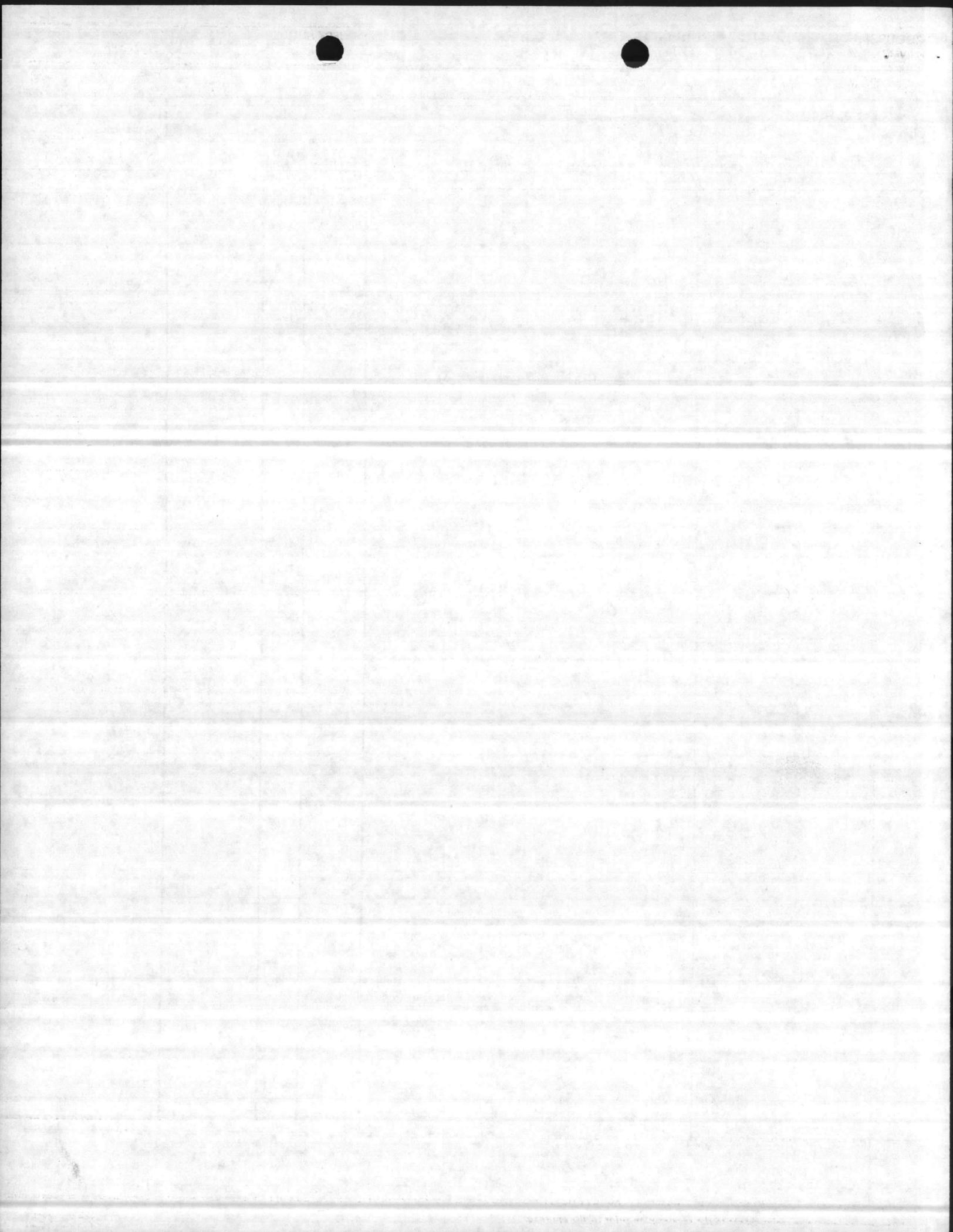


1. ACTIVITY (Name and Location)
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

2. PROJECT TITLE
 VEHICLE READY FUEL STORAGE (FY-90)

P. NO.
 P-853

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
3. <u>Investment Items:</u>	None.				
4. <u>APA Eqpt:</u>	None.				
5. <u>Training Eqpt.:</u>	None				
Estimated BOD December 1991					



REQUEST FOR PROJECT SITE APPROVAL

NAVMC 11059 (11-80)
 SN 0000-00-006-7880 U/I: PADS OF 50

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

PROJECT NUMBER
 853

ACTIVITY UIC
 67001

(4700)

SECTION A
 FOR USE BY REQUESTER

FROM
 Commanding General, Marine Corps Base, Camp Lejeune, NC 28542

CATEGORY CODE AND PROJECT TITLE 124-50 VEHICLE READY FUEL STORAGE	TYPE OF FUNDING MCON	COST (\$000) 1,560	PROGRAM YEAR FY-89
--	-------------------------	-----------------------	-----------------------

PROJECT DESCRIPTION Construct a Vehicle Ready Fuel Storage Facility with a total storage capacity of 925,000 gallons. Project will include a filling station w/fuel dispensing capabilities and an administrative building.

REMARKS Present site constructed in 1943. Continuous maintenance is needed to repair deteriorated underground tanks.

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

DATE
 JUL 1 1985

TYPE OF MAP
 Site Location Map (encl 1)

DATE

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

DATE RECEIVED

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

COMPATIBLE WITH ACTIVITY MASTER PLAN (Check appropriate box)

- IDENTICAL
 NOT SHOWN BUT CONSISTENT
 DIFFERENT BUT CONSISTENT
 *NOT SHOWN AND INCONSISTENT
 *DIFFERENT AND INCONSISTENT

CRITERIA CERTIFICATION(S) REQUESTED (Check)

- DDESB CNO NAVSEA NAVELEX NAVAIR OTHER:

DATE

DATE CERTIFICATION(S) RECEIVED

DDESB CNO NAVSEA NAVELEX NAVAIR OTHER

ACTION

- APPROVED DISAPPROVED DEFERRED

REMARKS

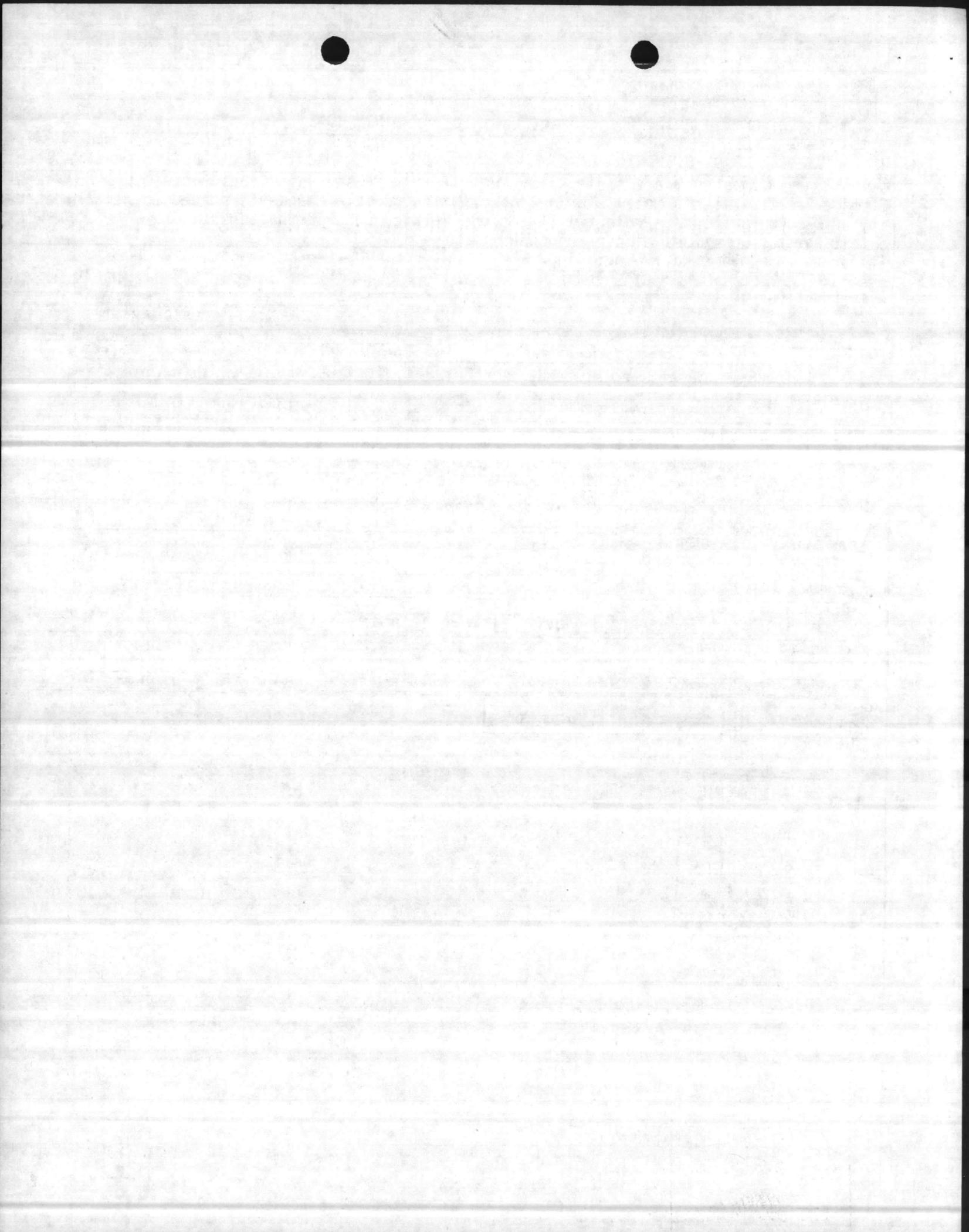
SITE APPROVED
 HQMC
 DATE 24 JUL 1985
 BY *W. Anderson*

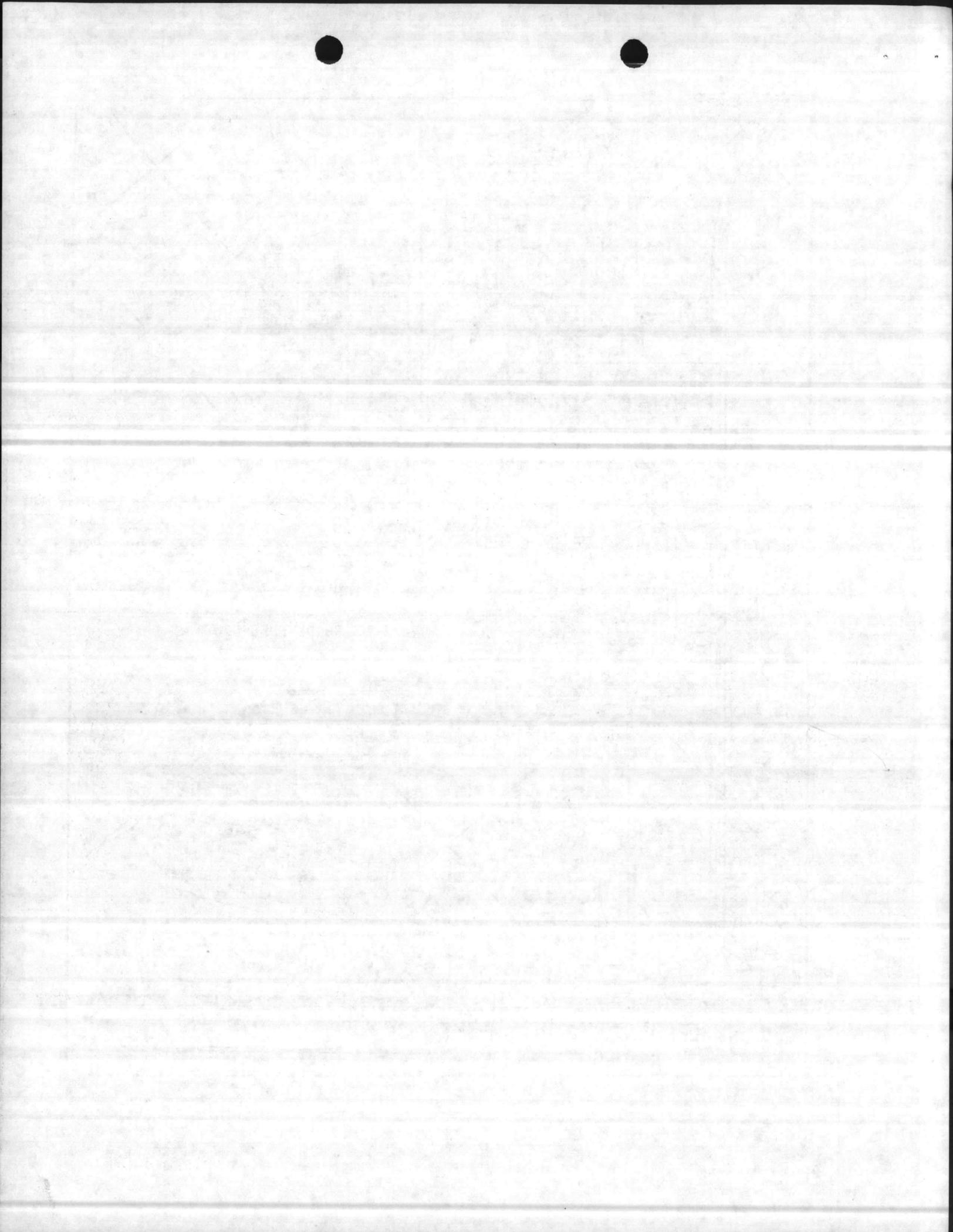
SECTION B
 HQMC REVIEW AND ANALYSIS

APPROVING OFFICIAL (Typed name and signature)

ER [Signature]

DATE





UIC.. M67001

F P D

CCN.. 17120 PAGE.. 01

[i19H0m 19H0m [9H0m 19H[m [1H[m ALL DONE -- NOT TOO BAD WAS IT ??
R 1Hm 7H PRESS PA2 TO RETURN TO MENU.

FACILITIES PLANNING DOCUMENT

TIME: 10.15.08

DATE: 08/14/86

ACTIVITY UIC....M67001 NAME....MCB CAMP LEJEUNE NC
SPEC AREA.....DA NAME....HADNOT POINT

CATEGORY CODE...12450 DESCRIPTION...VEHICLE READY FUEL STORAGE
RQMT DATE.. 12 NOV 85 LATEST CHG DATE.. 27 MAR 86 RQMT APPRVL DATE.. 04 NOV 85

BASIC FAC RQMT	UM	FACILITY ADEQUATE	ASSETS SUBSTNRD	DATA INADEQUATE	OTHER	QUANTITY DEFICIENT	QUANTITY SURPLUS
128000	(GA)	185500	15000				72500

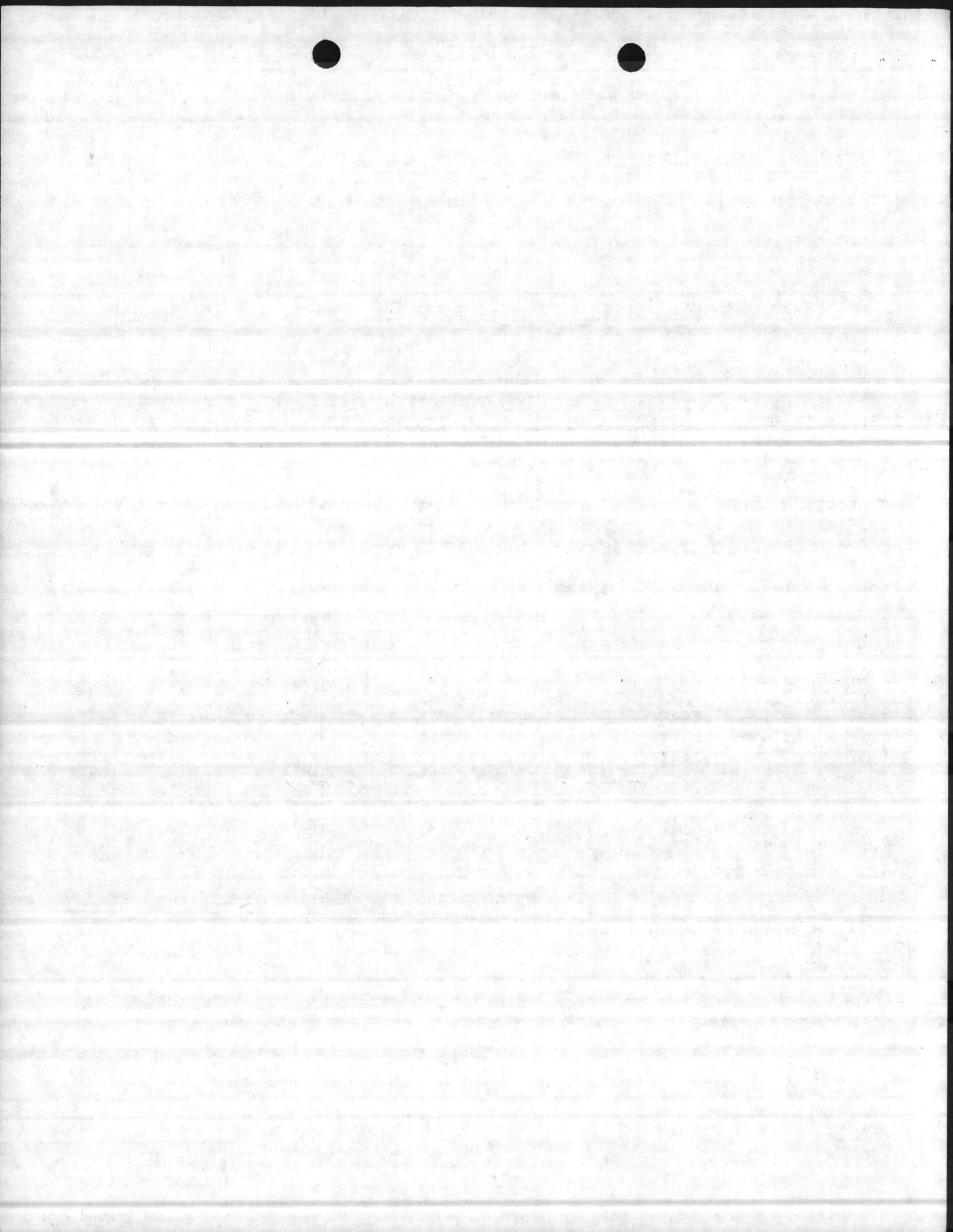
FACILITY	DETAIL	ADEQUATE	SUBSTNRD	INADEQTE	DEF CODES	SATISFACTION OF ACTION ID	DEF/SURP D	SCOPE	NT
S-1023	N 81 P	12000			C38	USE	+	12000	
S-1024	N 81 P	15000				USE	+	15000	
S-1025	N 81 P	12000				USE	+	12000	
S-1026	N 81 P	15000				USE	+	15000	
S-1027	N 81 P	15000				USE	+	15000	
S-1028	N 81 P	15000				USE	+	15000	
S-1029	N 81 P	15000				USE	+	15000	
S-1030	N 81 P	12000				USE	+	12000	
S-1031	N 81 P		15000		B04	USE	+	15000	
S-1032	N 81 P	13000				USE	+	13000	
S-1033	N 81 P	12000				USE	+	12000	
S-1034	N 81 P	12000				USE	+	12000	
S-1035	N 81 P	15000				USE	+	15000	
S-1036	N 81 P	15000				USE	+	15000	
S791	N P	6000				USE	+	6000	
S1130	N P	1500				USE	+	1500	

TOTAL PROPOSED ADEQUATE ASSETS = 200500

NOTES FOR CATEGORY CODE.. 12450

STD NOTES:
GEN NOTES:
FPD ACTION NOTES:

END DATA FOR CATEGORY CODE 12450



D O C U M E N T

TIME: 06.36.40

DATE: 09/25/86

ACTIVITY UIC....M67001 NAME....MCB CAMP LEJEUNE NC
SPEC AREA.....DA NAME....HADNOT POINT

CATEGORY CODE...82160 DESCRIPTION...DISTILATE HEATING FUEL OIL
RGMT DATE.. LATEST CHG DATE.. 24 JAN 86 RGMT APPRVL DATE..

BASIC	FACILITY ASSETS DATA				QUANTITY	QUANTITY	
FAC RGMT	UM	ADEQUATE	SUBSTNRD	INADEQUATE	OTHER	DEFICIENT	SURPLUS

(GA)		600000					600000
------	--	--------	--	--	--	--	--------

FAC NO	U	EE	C	ADEQUATE	SUBSTNRD	INADEQTE	DEF	CODES	ACTION	ID	D	SCOPE	NT
S1009	N	B1	P	600000			C38		USE		+	600000	

TOTAL PROPOSED ADEQUATE ASSETS = 600000

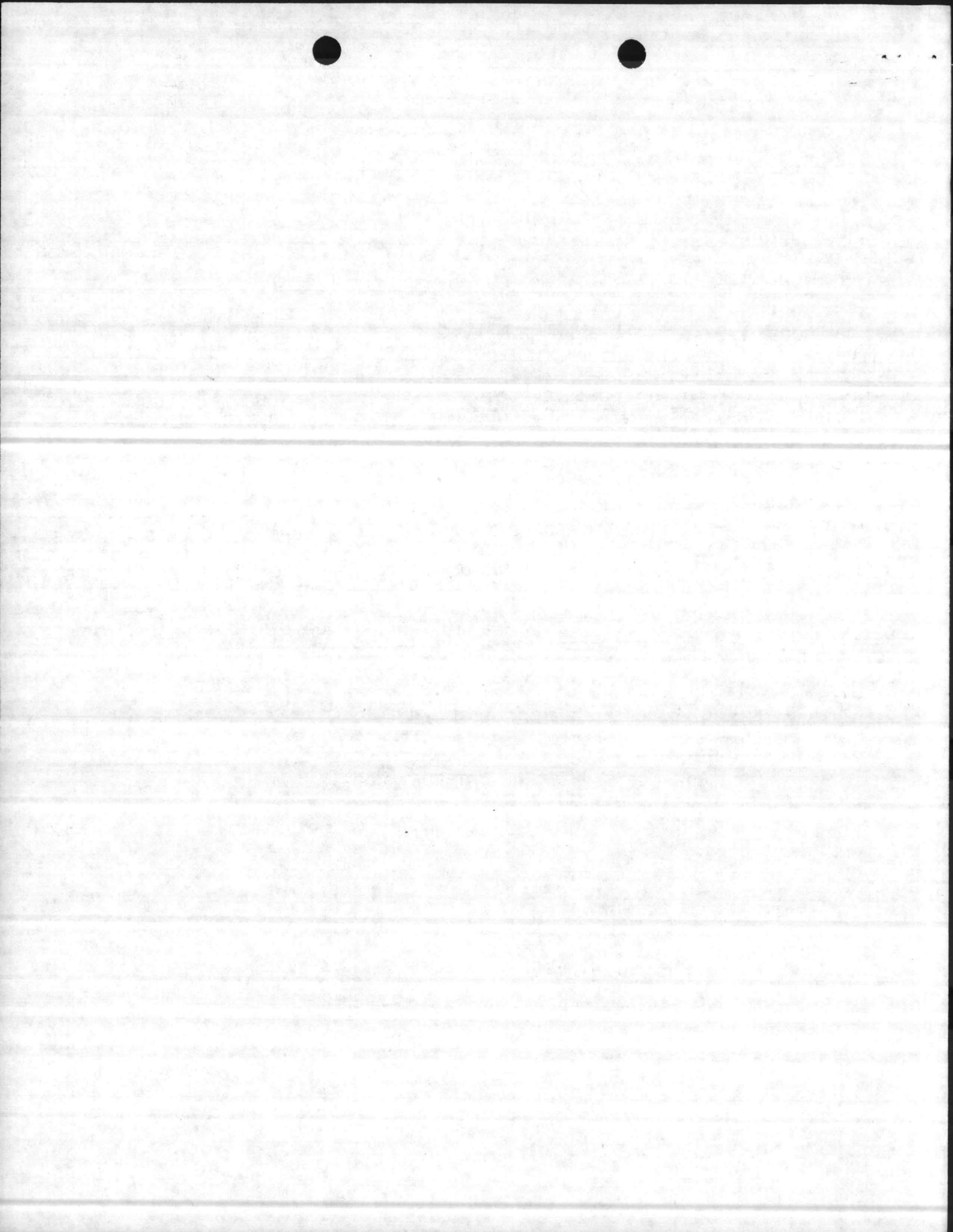
NOTES FOR CATEGORY CODE.. 82160

STD NOTES:

GEN NOTES:

FPD ACTION NOTES:

END DATA FOR CATEGORY CODE 82160





DEPARTMENT OF THE NAVY

ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511-6287

ITC of 7m
4081
TELEPHONE NO.

444-9670

IN REPLY REFER TO:

11010

09A2131

20 NOV 1986
Gene
Fred
Larry

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

Subj: FY 90 MCON PROGRAM COST CERTIFICATION

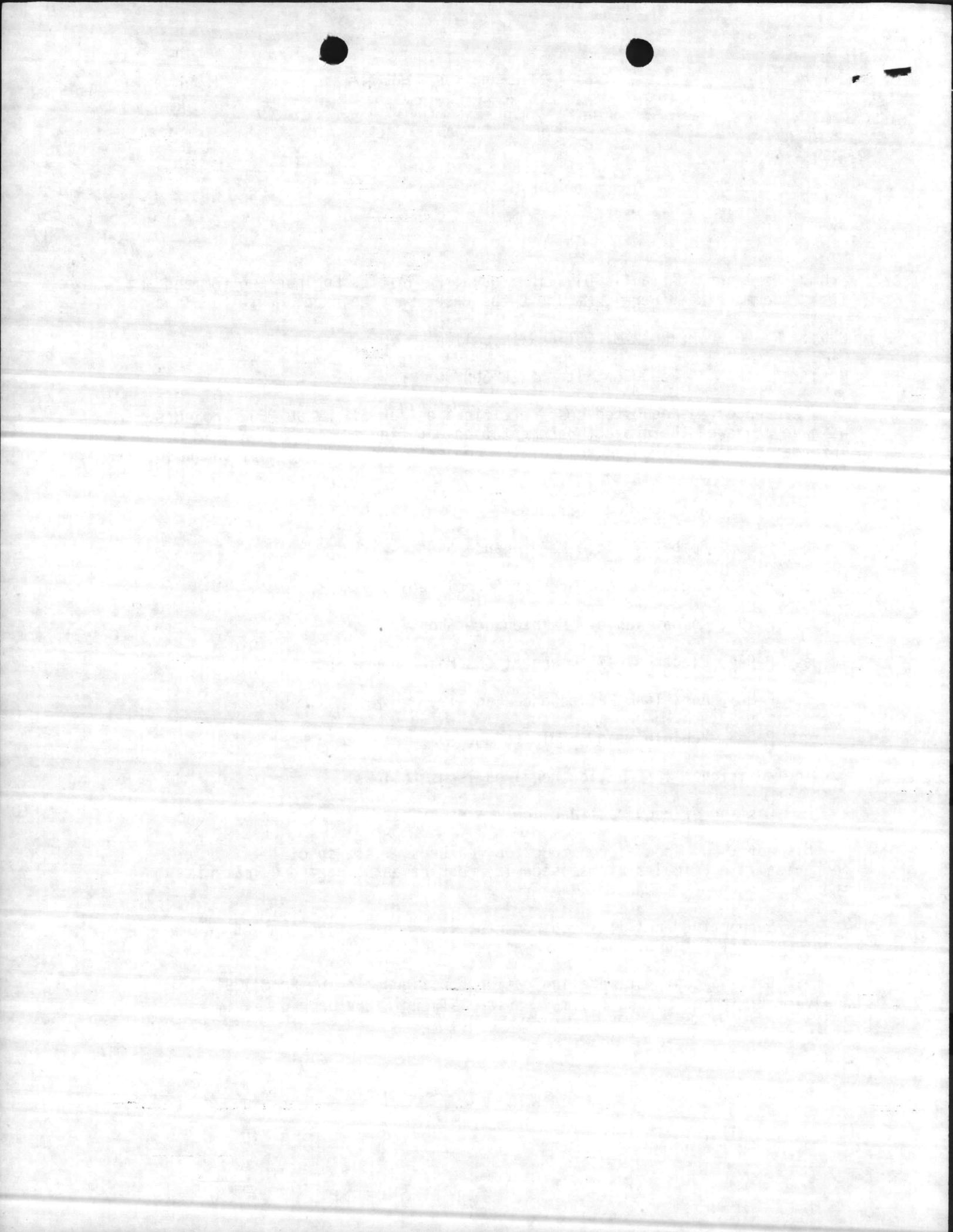
Ref: (a) MCB CAMP LEJEUNE ltr of 29 Sep 86

1. Reference (a) requested cost certification for all FY 90 MCON Projects. We have reviewed the project documentation and find that additional information is required on some of the projects for us to certify the cost. The projects are:

- a. P-887, Wallace Creek Bridges
- b. P-888, Combat Vehicle Maintenance Shop
- c. P-828, Field Medical Service School Facility
- d. P-196, Combat Vehicle Maintenance Shop
- e. P-644, Electronics/Communications Maintenance Shop
- f. P-881, Anti-Tank Maintenance Facility
- g. P-853, Vehicle Ready Fuel Storage

2. The additional information required is as follows:

- a. Listing of required functional area by category code or by usage
- b. Any known special construction features, i.e., special mechanical/electrical systems, security requirements, hazardous material storage
- c. Supporting facility requirements, i.e., demolition, amount of paving, length of utility runs, number of washracks, etc.
- d. Back-up cost estimate indicating how figures on DD Form 1391 were arrived at; items (b) and (c) may be identified in the back-up estimate.

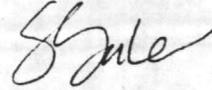


Subj: FY 90 MCON PROGRAM COST CERTIFICATION

17 1988

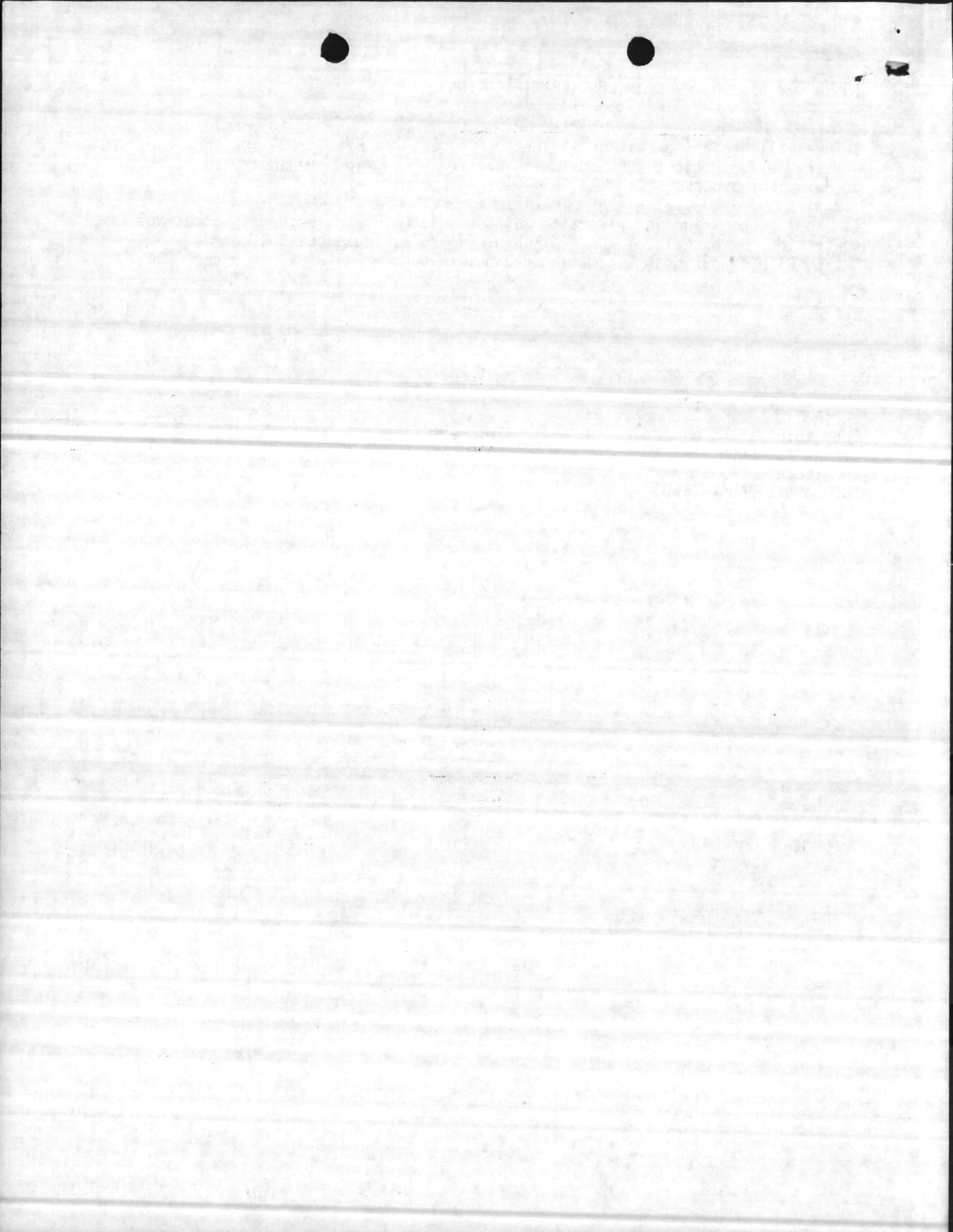
3. We will begin the cost certification process for FY-90 MCON projects in January 1987. Request you provide the above information by January so as not to delay the process.

4. Your cooperation in this matter is appreciated. For further information, contact Ms. S. M. Gale, P. E., telephone 444-9670, area code 804, or Mr. Ed Rich of our Cost Estimating Branch, telephone 444-9907, area code 804.

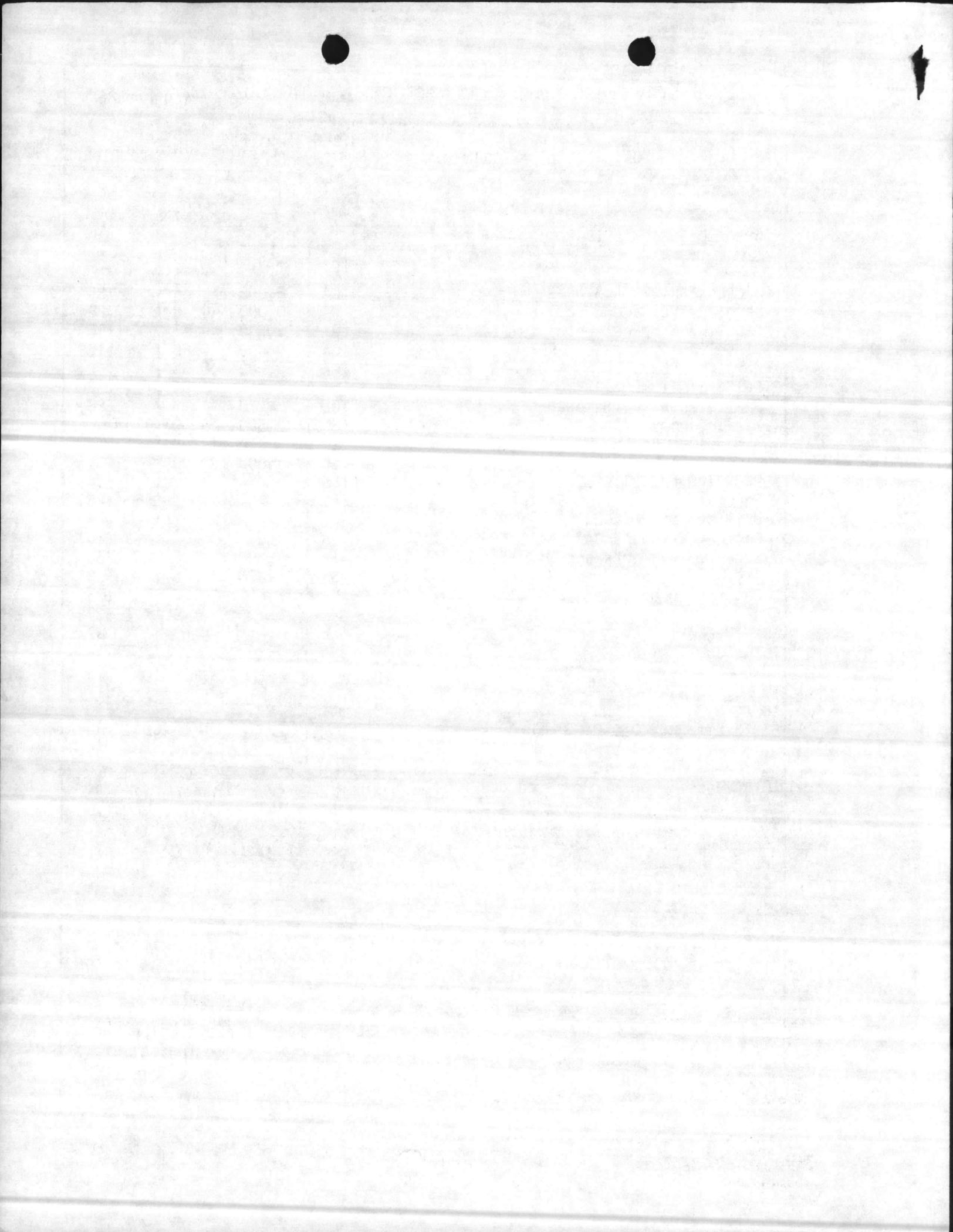


Copy to:
COMNAVFACENGCOM
CMC (Code LFF-1)
MCB Camp Lejeune (PWO)

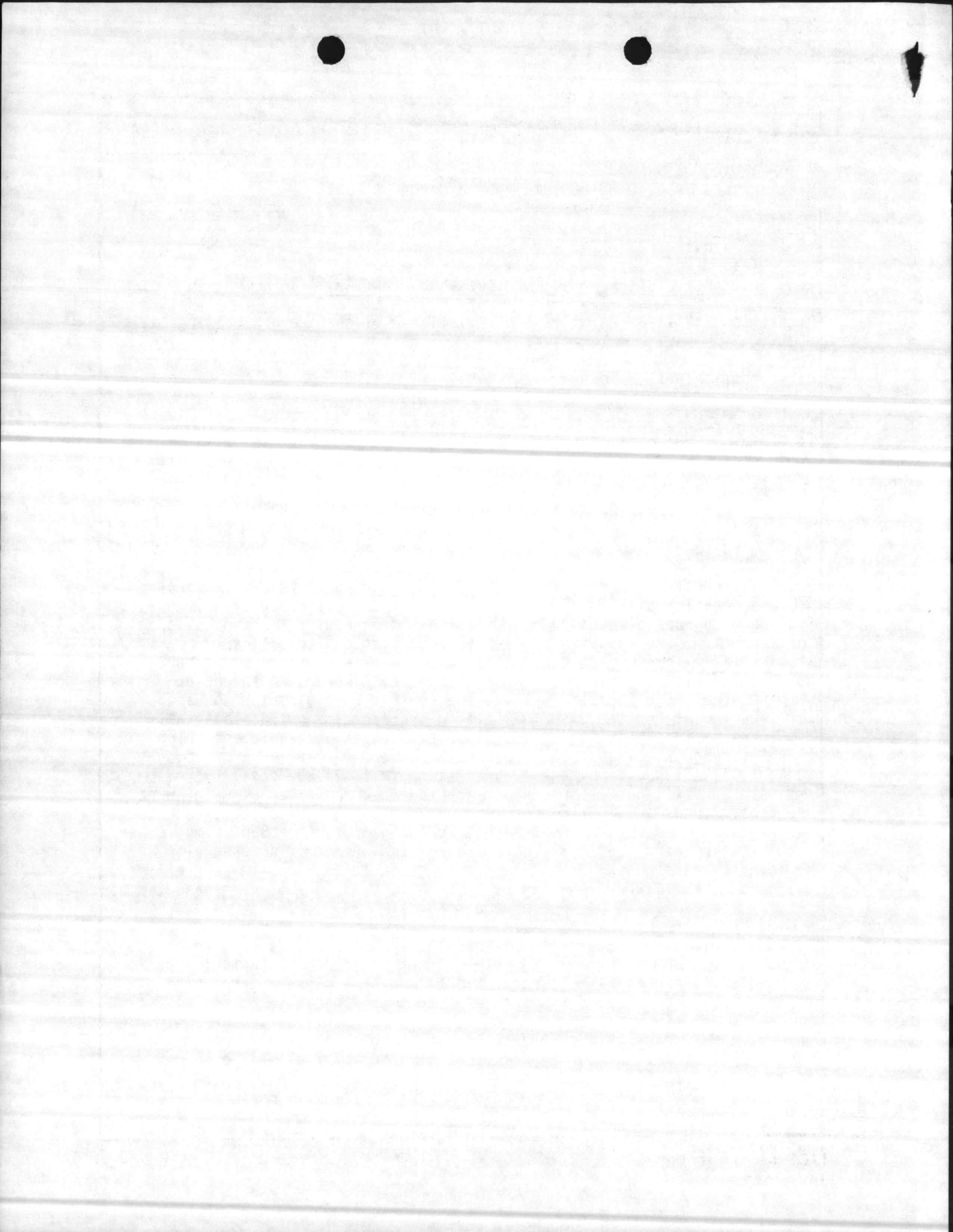
S. M. GALE, P. E.
By direction



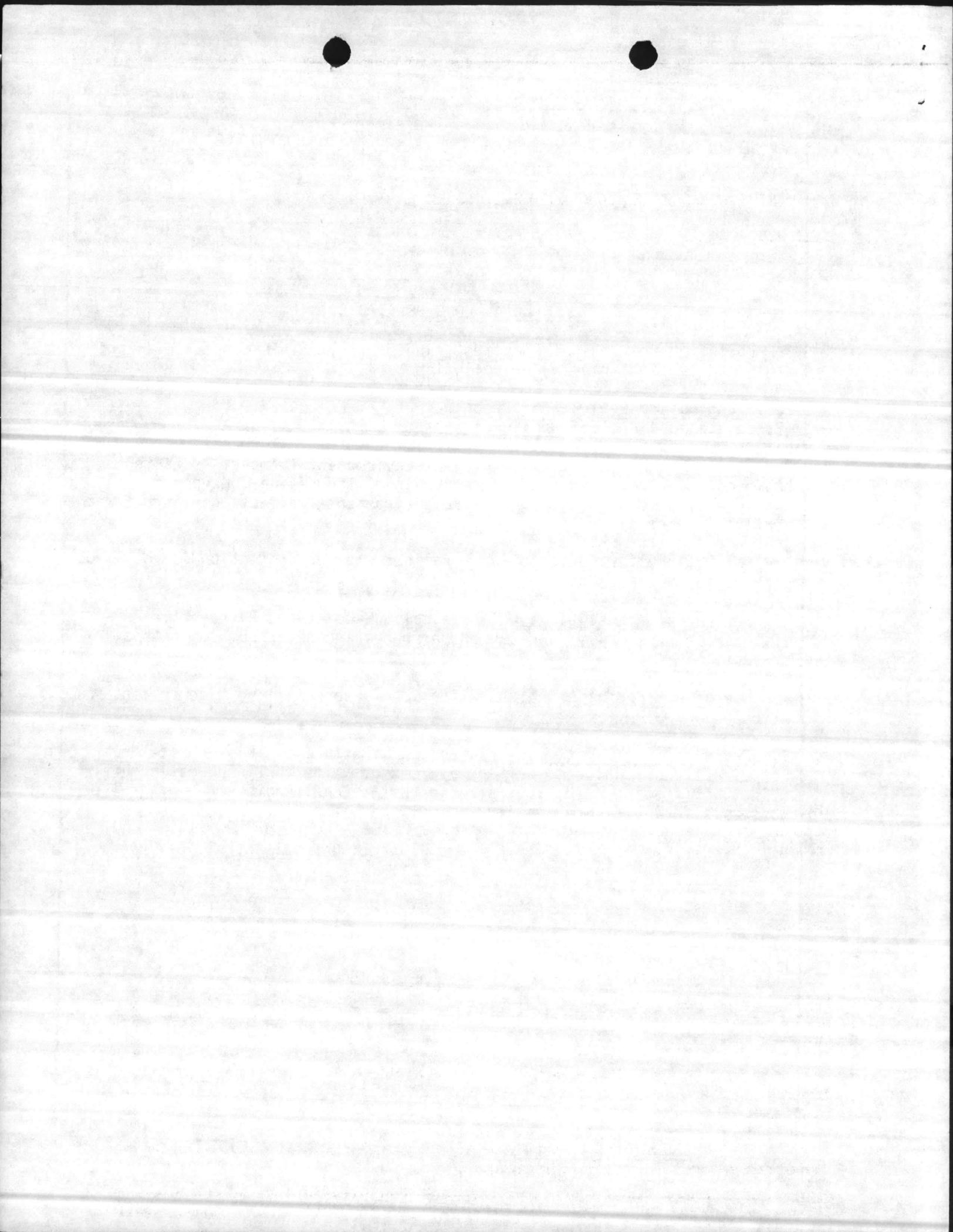
1. COMPONENT MARINE CORPS		FY 19 ⁸⁹ MILITARY CONSTRUCTION PROJECT DATA		2. DATE 20 Feb 86	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542			4. PROJECT TITLE VEHICLE READY FUEL STORAGE		
5. PROGRAM ELEMENT	6. CATEGORY CODE 124-50	7. PROJECT NUMBER P-853	8. PROJECT COST (\$000) 1,800		
ESCALATED TO APRIL 1989		9. COST ESTIMATES			
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
VEHICLE READY FUEL STORAGE (124-50)		GA	925,000	0.85	786
Gasoline Storage (Regular)-150,000 GA		GA	150,000	0.85	(128)
Gasoline Storage (Unleaded)-125,000 GA		GA	125,000	0.85	(106)
Diesel Fuel Storage - 600,000 GA		GA	600,000	0.85	(510)
Kerosene Storage - 50,000 GA		GA	50,000	0.85	(42)
FILLING STATION: (123-10)		LS			133
Fuel Dispensing Pumps		OL	10		(26)
Metal Canopy		SF	12,500	8.50	(106)
Attendants Booth		SF	70	17.00	(1)
ADMINISTRATION BUILDING (123-15)		SF	1,200	70.00	84
SUPPORTING FACILITIES:		LS			634
Special Construction Features		LS			(125)
Utility Connections		LS			(94)
Communications and Fire Alarm System		LS			(10)
Site Improvements and Demolition		SY	31,500	7.95	(250)
Pavements: Rigid and Flexible		SY	6,000	13.38	(80)
Concrete Pipe chase		LF	2,500	30.00	(75)
SUBTOTAL					1,637
CONTINGENCY - (5%)					82
TOTAL CONTRACT COST					1,719
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)					95
TOTAL REQUEST					1,814
TOTAL REQUEST (ROUNDED)					1,800
EQUIPMENT PROVIDED BY OTHER APPROPRIATIONS				(NON-ADD)	0
10. <u>Description of Proposed Construction:</u>					
<p>Vehicle Ready Fuel Storage Facility with above-ground storage tanks, concrete foundations and pipe chases, piping, fire protection, cathodic protection, area lighting, security fencing, site improvements and paved access roads.</p> <p>Filling Station with piping to fuel storage tanks, fuel dispensing pumps, paved access and refueling area, metal canopy cover for refueling area, attendants booth, fire protection, area lighting, communications, utility connections and site improvements.</p> <p>Administrative building with reinforced concrete foundation, masonry walls, steel framing, built-up roof, interior support systems (i.e.: heating and air conditioning, fire protection, plumbing, etc.); paved parking, site improvements and utility connections.</p>					



1. COMPONENT MARINE CORPS	FY 19 ⁸⁹ MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86												
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542														
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853													
<p>10. <u>Description of Proposed Construction:</u> (cont'd):</p> <p>Demolition and site restoration of existing fuel storage and filling station facilities.</p> <p>Air Conditioning: 3 Tons</p>														
<p>11. <u>REQUIREMENTS:</u></p> <table border="0" data-bbox="316 777 1282 955"> <thead> <tr> <th style="text-align: left;"><u>CAT CODE</u></th> <th style="text-align: left;"><u>ADEQUATE</u></th> <th style="text-align: left;"><u>SUBSTANDARD</u></th> </tr> </thead> <tbody> <tr> <td>124-50 276,340 GA*</td> <td>184,000 GA**</td> <td>15,000 GA***</td> </tr> <tr> <td>123-10 56 OL</td> <td>23 OL</td> <td>0 OL</td> </tr> <tr> <td>123-15 1,200</td> <td>798 SF**</td> <td>0 SF</td> </tr> </tbody> </table> <p><u>PROJECT:</u> Construct a Vehicle Ready Fuel Storage Facility with a total storage capacity of 925,000 gallons. Project is to include a Filling Station with fuel dispensing capabilities and an administrative building for support of the fuel storage and filling station facilities.</p> <p><u>REQUIREMENT:</u> The fuel storage facility is required for providing back-up fuel for all Government owned or leased vehicles and equipment at Camp Lejeune. The facility will be the central fuel distribution and receiving point for the Base. A filling station is required to establish a main refueling point for all Government vehicles and equipment which travel through the Industrial Area of the Base.</p> <p><u>CURRENT SITUATION:</u> Camp Lejeune's existing fuel storage facility and its related filling station was constructed in the 1943 era. Maintenance and repair funds are continuously being spent on these facilities due to deteriorated conditions. Fuel leaks due to the deterioration of the underground tanks has caused soil contamination and deemed it necessary to abandon several tanks. Since the construction in 1943, of these facilities, the number of military vehicles at Camp Lejeune has greatly increased; thus causing yearly fuel consumption levels to climb.</p> <p>Camp Lejeune receives all its fuel requirements from a commercial fuel depot located approximately 125 miles from the Base. Contractual procurement and delivery agreements require that the Base place orders for fuel thirty-days in advance of the time of actual need. Due to potential emergency situations which would cause immediate mobilization of the Marine Corps, Camp Lejeune is required to have on hand a thirty-day operational fuel supply plus a thirty-day back up fuel supply for a total of sixty days fuel storage capacity. The fuel storage facility on Base is approaching the point where its mission can no longer be efficiently performed.</p>			<u>CAT CODE</u>	<u>ADEQUATE</u>	<u>SUBSTANDARD</u>	124-50 276,340 GA*	184,000 GA**	15,000 GA***	123-10 56 OL	23 OL	0 OL	123-15 1,200	798 SF**	0 SF
<u>CAT CODE</u>	<u>ADEQUATE</u>	<u>SUBSTANDARD</u>												
124-50 276,340 GA*	184,000 GA**	15,000 GA***												
123-10 56 OL	23 OL	0 OL												
123-15 1,200	798 SF**	0 SF												



1. COMPONENT MARINE CORPS	FY 19 ⁸⁹ MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p> <ol style="list-style-type: none"> 1. <u>Pollution Prevention, Abatement, and Control</u>: This project will not cause additional air or water pollution. 2. <u>Flood Hazard Evaluation</u>: Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable. 3. <u>Environmental Impact</u>: The project Environmental Impact Assessment has been made, reviewed, and where required, the design concepts give consideration to eliminating adverse environmental effects consistent with applicable directives. 4. <u>Fallout Shelter Construction</u>: 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. <u>Use of Air Conditioning</u>: Ceiling "U" factors will be made to conform WITH DOD 4270.1-M. 7. <u>Preservation of Historical Sites and Structures</u>: 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. <u>"New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76)</u>: Not applicable. 		



1. COMPONENT MARINE CORPS	FY 19 ⁸⁹ MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
------------------------------	--	----------------------

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

VEHICLE READY FUEL STORAGE

5. PROJECT NUMBER

P-853

FACILITY STUDY

1. Project: Provide a Vehicle Ready Fuel Storage facility with a total storage capacity of 925,000 gallons. Provide a filling station with fuel dispensing capabilities and an administrative building for support of the fuel storage and filling station facilities.

2. Current and Planned Future Workload with Regard to this Project: The duration of need is indefinite and the facilities will be utilized 100 percent of the time.

3. Description of Proposed Construction:

a. Type of Construction: Permanent fuel storage facility and filling station with aboveground storage tanks, administrative building, fuel dispensing pumps, utility connections, paved access roads and parking and utility connections.

b. Replacement: This project replaces 792,000 gallons (192,000 GA in Category code 124-50 and 600,000 GA in category code 821-60) of inadequate fuel storage facilities, a filling station with dispensing outlets (category code 123-10) and filling station administrative building (category code 123-15) of 798 SF. For more detail see paragraph 3.c.(4).

c. Description of Work to be Done:

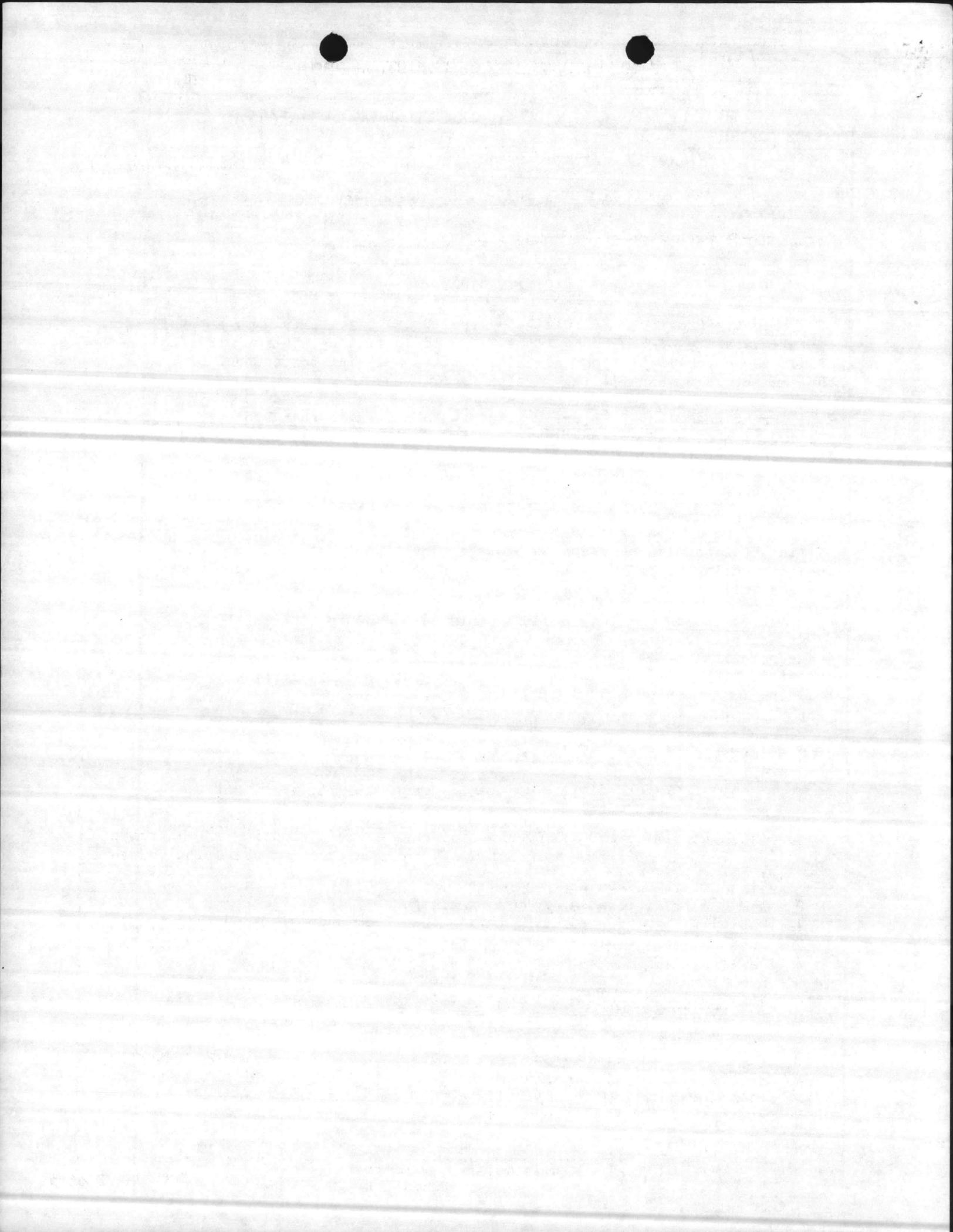
(1) Primary Facilities: Fuel storage facility with above-ground storage tanks, with concrete foundations, piping, fire protection, cathodic protection, area lighting, security fencing, site improvements and paved access roads.

Filling station with piping to fuel storage tanks, fuel dispensing pumps, paved access roads and refueling area, metal canopy cover for refueling area, fire protection, area lighting, communications, utility connections and site improvements.

Administrative building with reinforced concrete foundation, masonry walls, steel framing, built-up roof, interior support systems, (i.e.: heating and air conditioning, fire protection, plumbing, etc.), paved parking, site improvements and utility connections.

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

(3) Collateral Equipment: A collateral equipment list will be forwarded under separate correspondence.



1. COMPONENT MARINE CORPS		FY 19 ⁸⁹ MILITARY CONSTRUCTION PROJECT DATA		2. DATE 20 Feb 86	
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542					
4. PROJECT TITLE VEHICLE READY FUEL STORAGE				5. PROJECT NUMBER P-853	

c. Description of Work to be Done: (continued)

(4) Supporting Facilities: Underground fuel storage tanks, with concrete foundations, piping, cathodic protection, fire protection, fuel dispensing pumps, utility connections, paved access roads and re-fueling areas, pollution abatement and site improvements. Facilities to be demolished by this project are as follows:

<u>Bldg #</u>	<u>Date Const.</u>	<u>Type</u>	<u>U/M</u>	<u>Use Cat Code</u>	<u>Condition</u>
S-1009	1943	P	600,000 GA	821-60	*Adequate
S-1023	1943	"	12,000 GA	124-50	"
S-1024	1943	"	15,000 GA	"	"
S-1025	1943	"	12,000 GA	"	"
S-1026	1943	"	15,000 GA	"	"
S-1027	1943	"	15,000 GA	"	"
S-1028	1943	"	15,000 GA	"	"
S-1029	1943	"	15,000 GA	"	"
S-1030	1943	"	12,000 GA	"	"
S-1031	1943	"	15,000 GA	"	"
S-1032	1943	"	12,000 GA	"	"
S-1033	1943	"	12,000 GA	"	"
S-1034	1943	"	12,000 GA	"	"
S-1035	1943	"	15,000 GA	"	"
S-1036	1943	"	15,000 GA	"	"
1002	1942	P	798 SF	123-15	"
S-1037	1943	"	1 OL	123-10	"
S-1038	1972	"	132 SF	126-30	"
S-1039	1943	"	132 SF	126-30	"
S-1040	1948	"	36 SF	730-12	"
S-1056	1948	"	36 SF	730-12	"

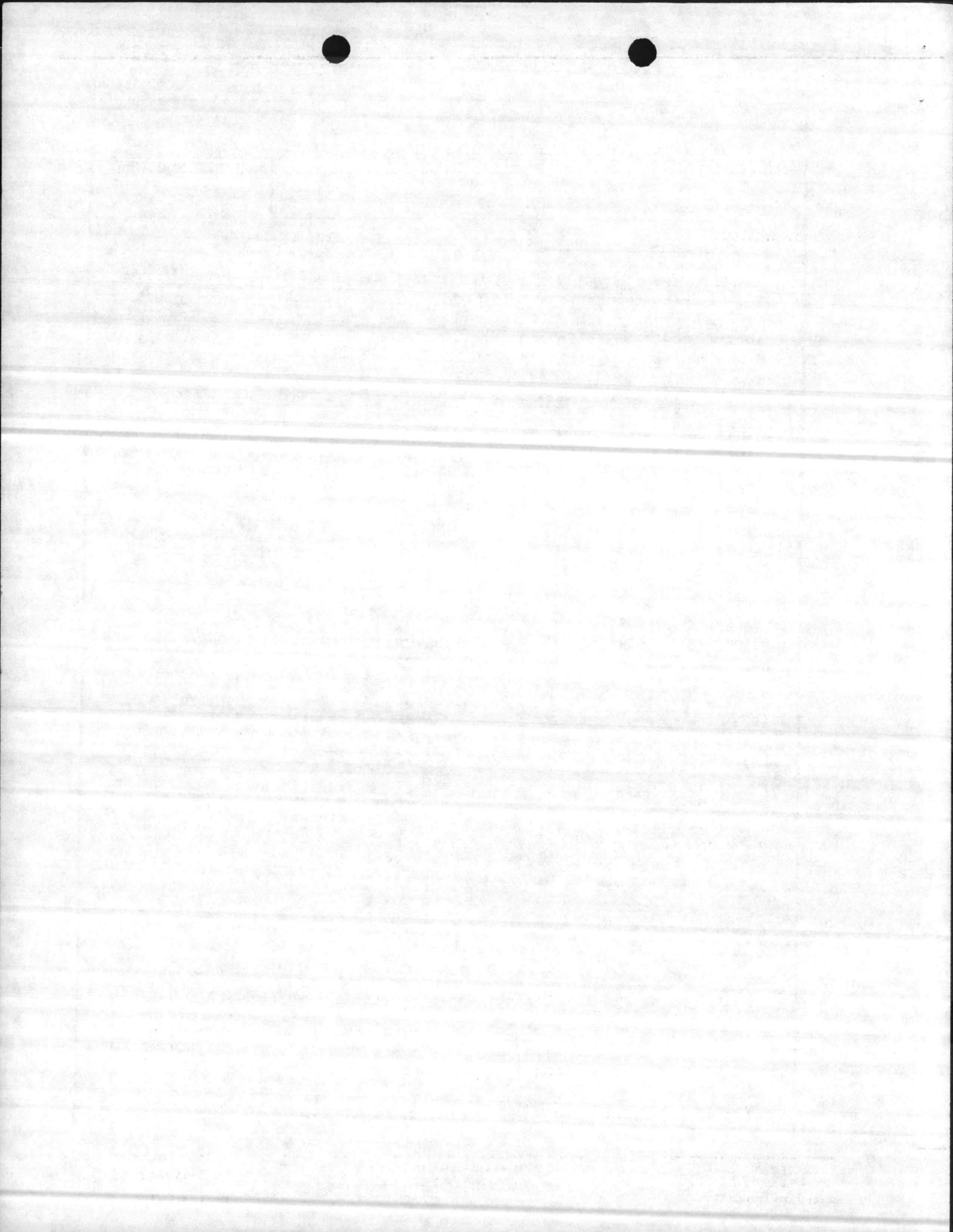
*The latest Form NAVMC 10651, indicates these facilities are adequate. However, these facilities are badly deteriorated and are being redesignated as inadequate.

4. Cost Estimate: Area Cost Factor for Camp Lejeune, NC is 0.86. Cost data derived from 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.

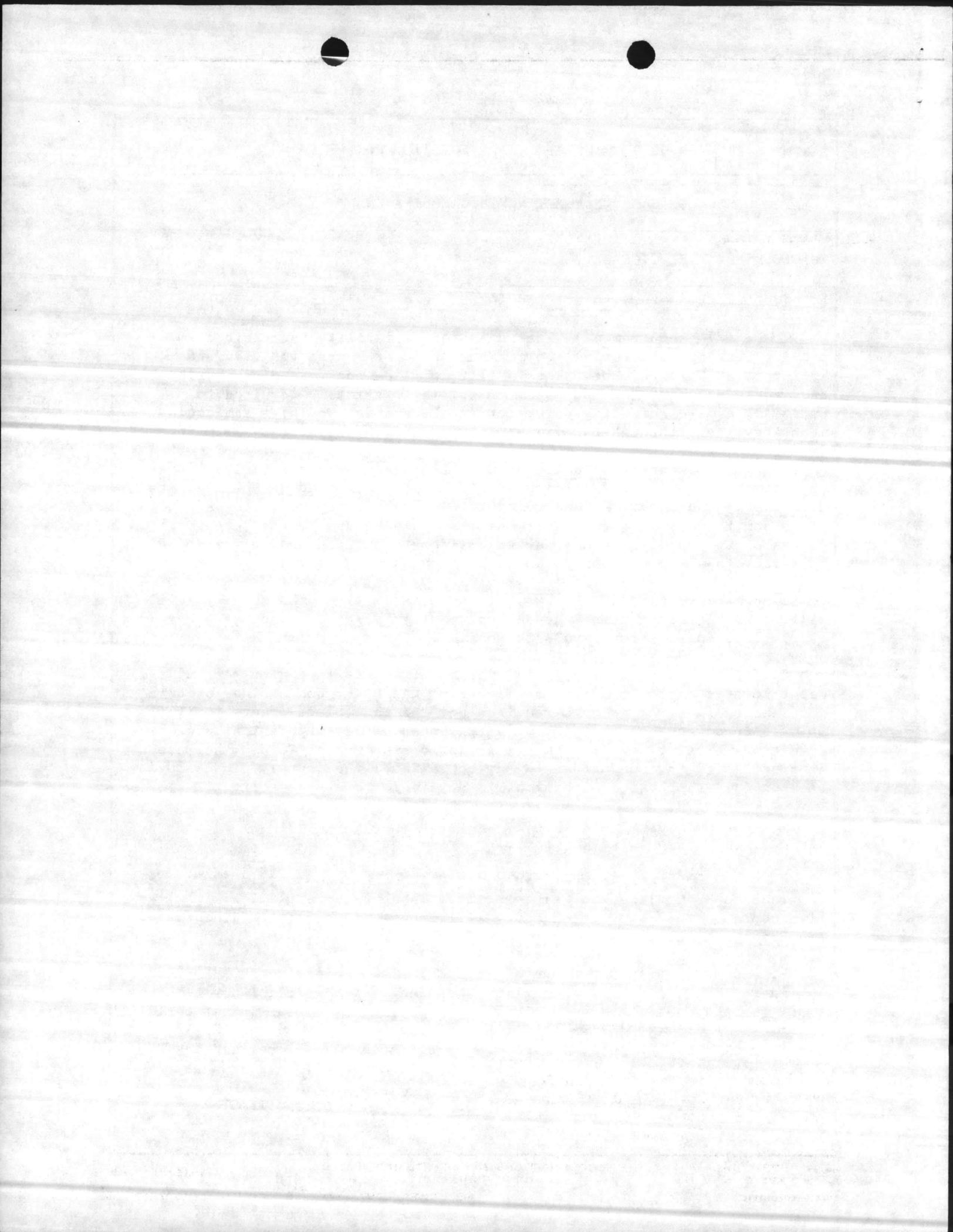
5. Justification for Project and for Scope of Project:

a. Justification of Project:

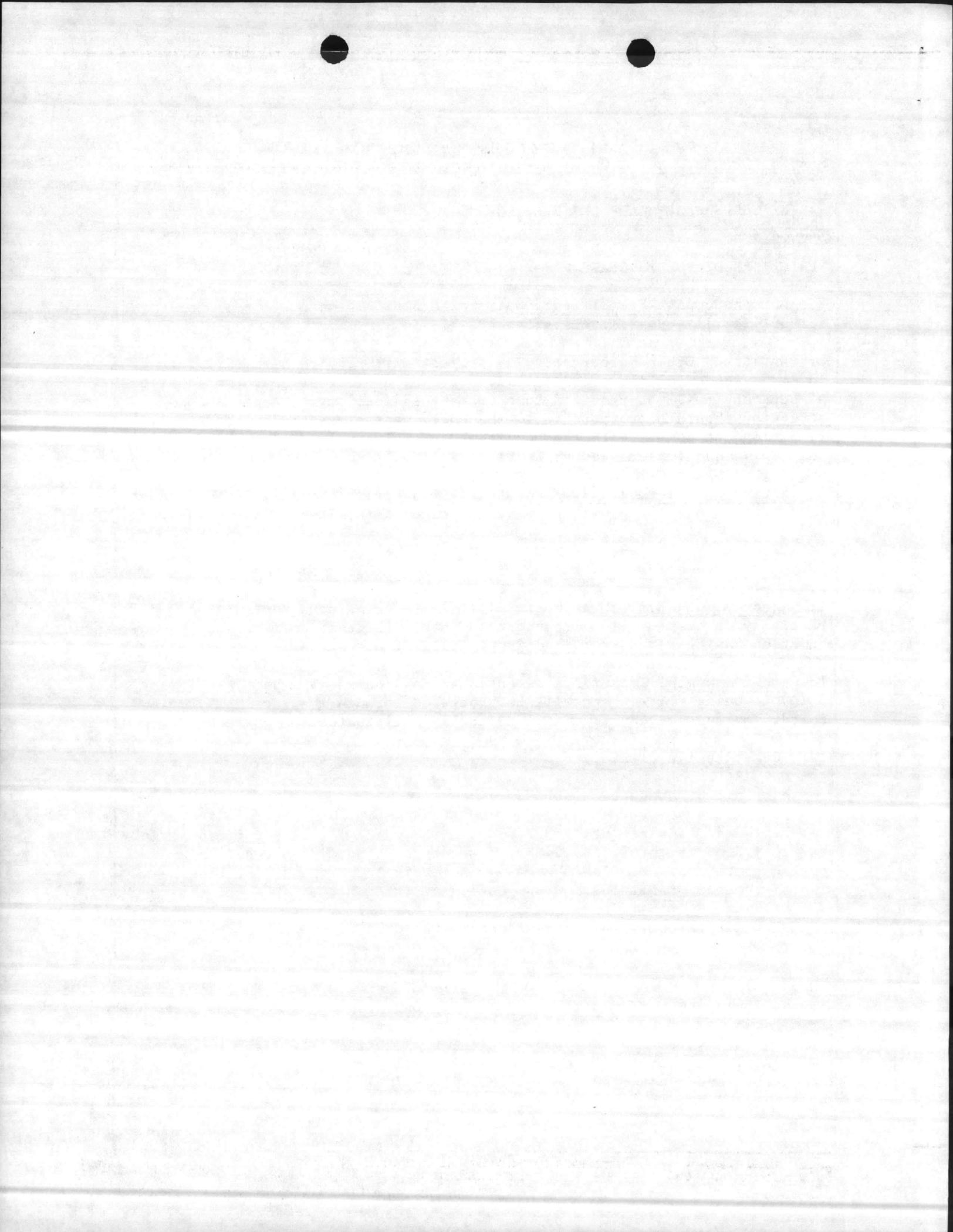
(1) Construct a Fuel Storage facility with a total storage capacity of 925,000 gallons. Project is to include a Filling Station with fuel dispensing capabilities and an Administrative building for support of the Fuel Storage and Filling Station facilities.



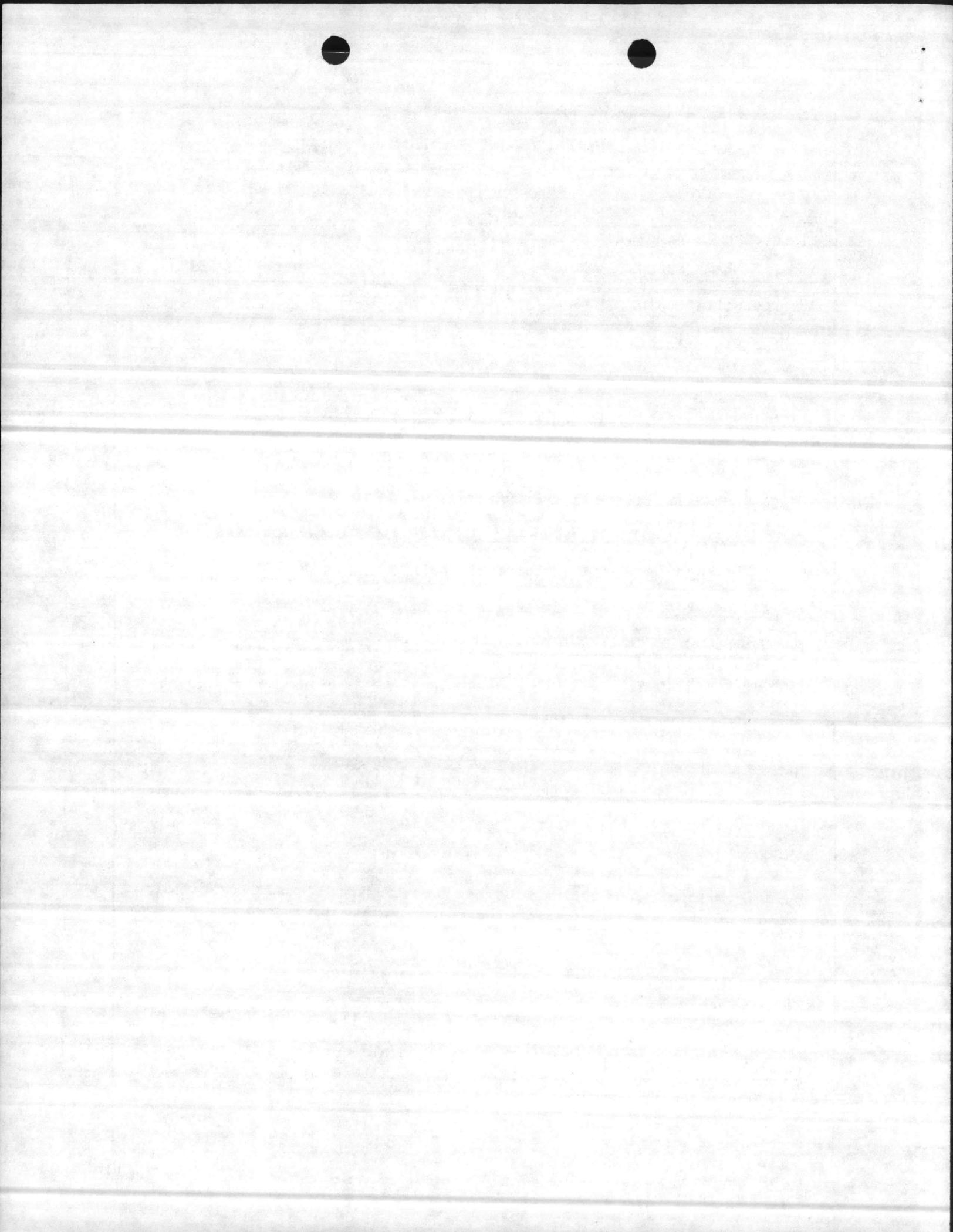
1. COMPONENT MARINE CORPS	FY 19 <u>89</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>5. <u>Justification for Project and for Scope of Project:</u> (continued)</p> <p>(2) <u>Requirement:</u> The fuel storage facility is required to provide back up fuel for all Government owned or leased vehicles and equipment at Camp Lejeune. The facility will be the fuel distribution and receiving point for the Base. A filling station is required to establish a main refueling point for all Government vehicles and equipment traveling through the Industrial Area of the Base.</p> <p>(3) <u>Current Situation:</u> Camp Lejeune's existing fuel storage facility and its related filling station was constructed in the 1943 era. Maintenance and repair funds are continuously being spent on these facilities due to deteriorated conditions. Fuel leaks due to the deterioration of the underground tanks has caused soil contamination and it was deemed necessary to abandon several tanks.</p> <p>Since the construction (1943) of these facilities, the number of military vehicles at Camp Lejeune has greatly increased, thus causing yearly fuel consumption levels to soar.</p> <p>Camp Lejeune receives all its fuel requirements from a commercial fuel depot located approximately 125 miles from the Base. Contractual procurement and delivery agreements require that the Base place orders for fuel 30 days in advance of the time of actual need. Due to potential emergency situations causing immediate mobilization of the Marine Corps, the Base is required to have on hand a 30 day operational fuel supply plus a 30 day back up fuel supply for a total of 60 day fuel storage capacity.</p> <p>The fuel storage facility at Camp Lejeune is approaching the point where its mission can no longer be efficiently performed.</p> <p>(4) <u>Impact If Not Provided:</u> Maintenance and repair funds will continue to be utilized to maintain these inadequate facilities. The lack of acceptable fuel storage capacity will impair the combat readiness of the Base.</p> <p>b. <u>Justification for Scope of Project:</u> The project scope, 925,000 gallons, is the minimum size facility that can meet the deficiency requirements for the Fuel Storage Facility needs of the Base. The latest certified Basic Facility Requirement, for category codes 124-50 and 123-15, no longer reflects the true needs of the Base. Accordingly, revised Basic Facility Requirements are being submitted for approval.</p> <p>6. <u>Equipment Provided from Other Appropriations:</u> Not applicable.</p>		

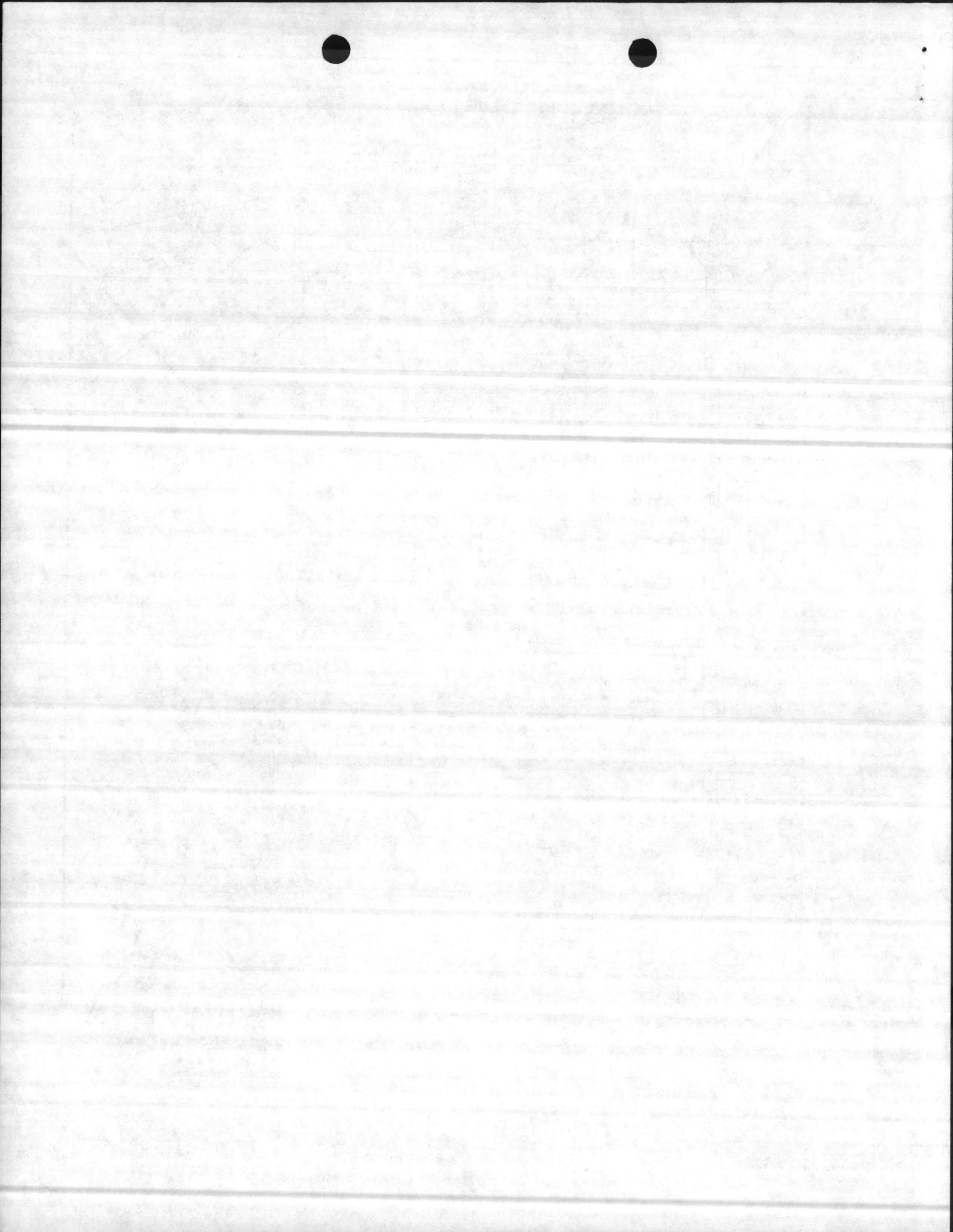


1. COMPONENT MARINE CORPS	FY 19 <u>89</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>7. <u>Common Support Facilities</u>: Not applicable. There are no common support facilities available at the Base.</p> <p>8. <u>Effect On Other Resources</u>: The project will require a minimal increase in O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977, and implemented by NAVFACINST 4100.5A.</p> <p>9. <u>Siting of the Project</u>: These facilities will be located in the Hadnot Point Area, in keeping with the Camp Lejeune Master Plan. See enclosure (1).</p> <p>10. <u>Other Graphic Presentations, including Photographs</u>: None</p> <p>11. <u>Economic Analysis</u>: These facilities are being constructed on a partially developed site. Economic savings will be in nominal energy consumption savings to be realized from efficient operations.</p> <p>12. <u>Environmental Impact Assessment</u>: An Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated.</p> <p>13. <u>Quantitative Data</u>:</p> <p>a. Unit of Measure: GALLONS</p> <p>b. Total Requirement: *925,000 GALLONS. The latest certified Basic Facility Requirement (276,340 SF), for category code 124-50, no longer reflects the true needs of the Base. Accordingly, revised BFRL requirements are being submitted for approval.</p> <p>*For justification of project scope (925,000 GA) see para 5.b.(3).</p> <p>c. Existing Substandard: 0</p> <p>d. Existing Inadequate: *792,000 GALLONS</p> <p>*The latest Form NAVMC 10651 indicates these facilities are adequate. However, these facilities (constructed in 1943) are badly deteriorated and are being redesignated as inadequate. These facilities will be demolished by this project. (600,000 GA in category code 821-60 and 192,000 GA in category code 124-50).</p> <p>e. Existing Adequate: 0</p>		



1. COMPONENT MARINE CORPS	FY 19 <u>89</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 20 Feb 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>13. <u>Quantitative Data: (cont'd)</u></p> <p>f. Other Assets, Not in Inventory: 0</p> <p>g. Funded, Not in Inventory: 0</p> <p>h. Adequate Assets: (e + F + g) = 0</p> <p>i. Deficiency: (b - h) = 925,000 GALLONS</p> <p>14. <u>Maintenance Facility:</u> Not applicable.</p> <p>15. <u>Morale, Welfare and Recreation Facilities:</u> Not applicable.</p> <p>16. <u>Relocation Facilities:</u> Not applicable.</p> <p>17. <u>Storage Facilities:</u> Not applicable.</p> <p>18. <u>Hazard Identification, Assessment and Analysis:</u> Proposed facilities will be a fuel storage facility and a filling station. The following potential hazardous conditions will be considered during the design phase:</p> <p>a. Gasoline/Diesel Fumes</p> <p>b. Fire</p>		





2/4/86

Subj: FY-89 MILITARY CONSTRUCTION (MCON) PROGRAM FOR MARINE CORPS BASE, CAMP LEJEUNE, NC

- P-824, Chapel (Tarawa Terrace), consisting of DD Form 1391, DD Form 1391c dtd 20 Feb 86 and Site Location Map
- P-852, Child Care Center, consisting of DD Form 1391, DD Form 1391c dtd 20 Feb 86 and Site Location Map
- P-672, Road Improvements (Brewster Boulevard Overpass), consisting of DD Form 1391, DD Form 1391c, dtd 20 Feb 86, Design Report with Cost Estimate NAVFAC Form 11013/7 and Site Location Map
- P-841, Enlisted Dining Facility Addition, consisting of DD Form 1391, DD Form 1391c dtd 20 Feb 86 and Site Location Map
- P-853, Fuel Storage Facility, consisting of DD Form 1391, DD Form 1391c dtd 20 Feb 86 and Site Location Map

1. Reference (a) provided detailed guidance in the formulation and submission of MCON programming. References (b) and (c) provided guidance concerning the subject program and a list of FY-89 projects that were relatively assured of funding in FY-88. References (b) and (c) also discussed the early submission of FY-89 program and reference (d) requested same.
2. This submission provides developed projects for FY-89. Our program consists of nine FY-89 projects previously submitted and the resubmission of six FY-88 projects. In addition, there are two new projects P-870 and P-871 which are in support of the Marine Corps School of Infantry, located at Camp Geiger. These new projects were formulated in response to the task of developing a Corps-wide program for the formal training of enlisted infantry leaders as directed by CMC. Our program also includes a FY-89 project P-672, previously approved for design but not approved for construction. However, as a result of a pre-design study, this project is resubmitted for your review and consideration. Project P-672 combines the Brewster Boulevard Overpass with the extension of Brewster Boulevard to intersect Piney Green Road at State Highway 24E. A previously submitted FY-89 project P-410, Alternate Access Route, Piney Green Road will no longer be required. Subsequent increments of our five-year program will be submitted as directed.
3. Enclosure (1) submits NAVMC 10956, Summary for Correction of Facility Deficiencies, for FY-89 to reflect proper category code, title and cost; and enclosure (2) submits our FY-89 Program. In accordance with reference (a) thru (d) enclosures (1) and (2) are hereby submitted.
4. The Atlantic Division, Naval Facilities Engineering Command is requested to certify the cost of all projects to the Commander, Naval Facilities Engineering Command with copies to CMC and this Command.

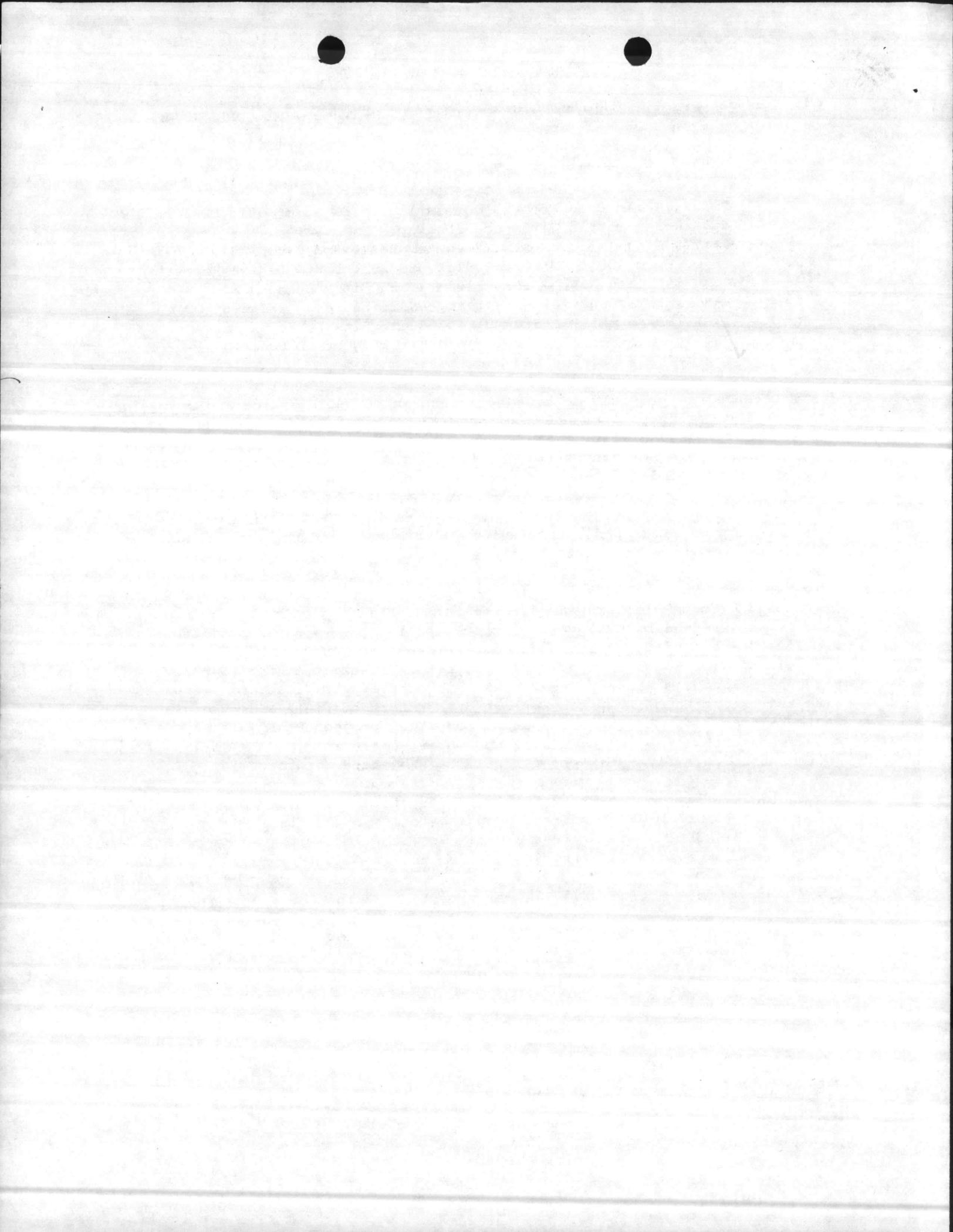
R. A. TIEBOUT
By direction

Copy to:

- CMC (LFF) (advance)
- NAVFACENCOM (advance)
- FMFLANT, Engr Div
- CG, 2dMARDIV
- CG, 2d FSSG

Blind copy to:

- FAC
- PMO (Project P-672 only)
- LOG (Project P-672, P-853 only)
- MAINT
- Area Com, MCSSS (Project P-810, P-052, P-828 only)
- Base Chaplain (Project P-824 only)
- 2 Area Com, CG (Project P-870, P-871, P-828 only)
- Field Medical School (Project P-828 only)



1. COMPONENT
MARINE CORPS

FY 19⁸⁹ MILITARY CONSTRUCTION PROJECT DATA

2. DATE
1 Jul 1985

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

VEHICLE READY FUEL STORAGE

5. PROJECT NUMBER

P-853

11. REQUIREMENTS:

<u>CAT CODE</u>	<u>ADEQUATE</u>	<u>SUBSTANDARD</u>
124-50	276,340 GA*	184,000 GA**
123-10	56 OL	230 OL
123-15	798 SF*	798 SF**
		15,000 GA***
		0 OL
		0 SF

Project: Construct a Vehicle Ready Fuel Storage Facility with a total storage capacity of 925,000 gallons. Project is to include a Filling Station with fuel dispensing capabilities and an administrative building for support of the fuel storage and filling station facilities.

Requirement: The fuel storage facility is required for providing back-up fuel for all Government owned or leased vehicles and equipment at Camp Lejeune. The facility will be the central fuel distribution and receiving point for the Base. A filling station is required to establish a main refueling point for all Government vehicles and equipment which travel through the Industrial Area of the Base.

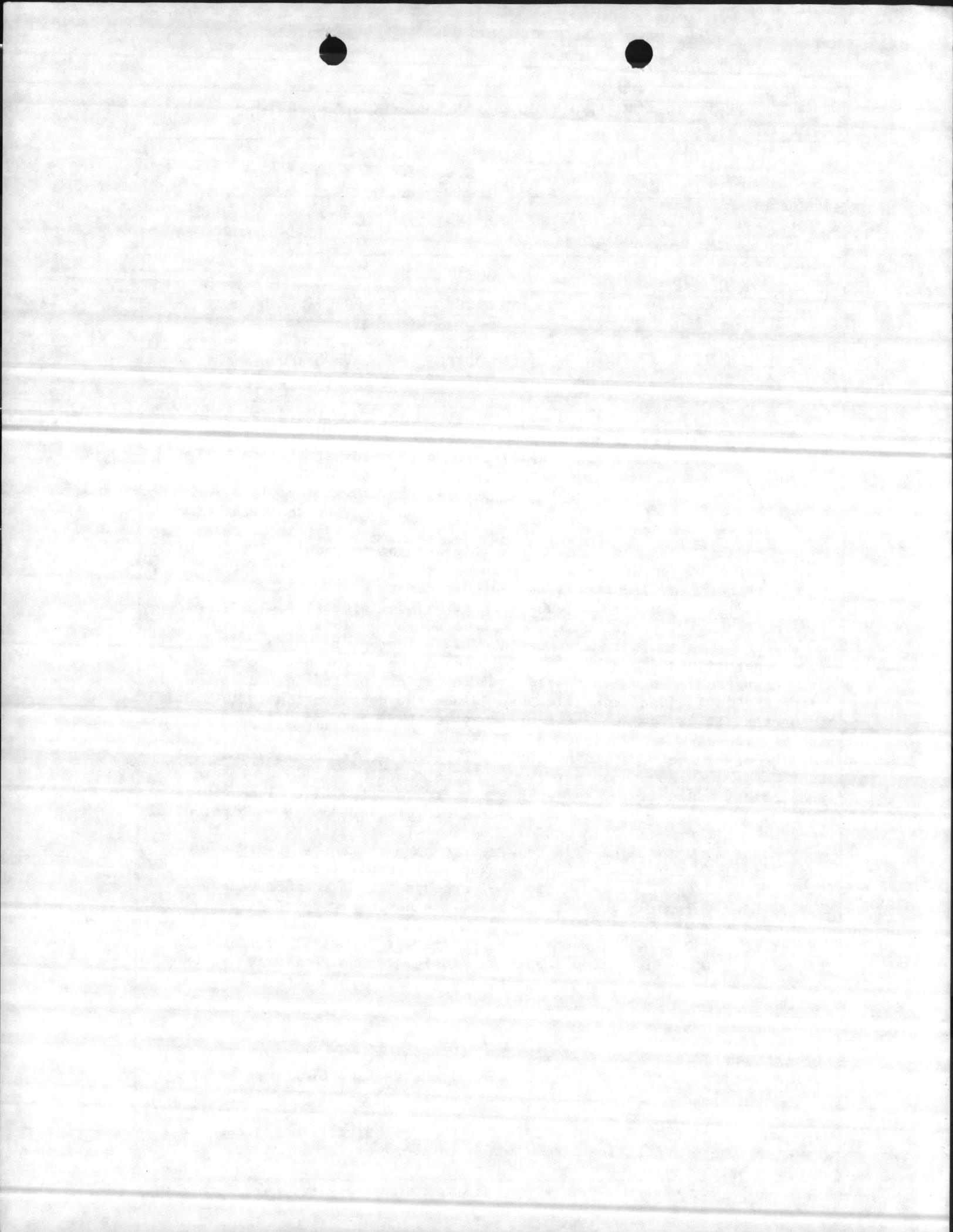
Current Situation: Camp Lejeune's existing fuel storage facility and its related filling station was constructed in the 1943 era. Maintenance and repair funds are continuously being spent on these facilities due to deteriorated conditions. Fuel leaks due to the deterioration of the underground tanks has caused soil contamination and deemed it necessary to abandon several tanks. Since the construction in 1943, of these facilities, the number of military vehicles at Camp Lejeune has greatly increased; thus causing yearly fuel consumption levels to climb.

Camp Lejeune receives all its fuel requirements from a commercial fuel depot located approximately 125 miles from the Base. Contractual procurement and delivery agreements require that the Base place orders for fuel 30 days in advance of the time of actual need. Due to potential emergency situations which would cause immediate mobilization of the Marine Corps, Camp Lejeune is required to have on hand a 30-day operational fuel supply plus a 30-day back up fuel supply for a total of 60 days fuel storage capacity. The fuel storage facility on Base is approaching the point where its mission can no longer be efficiently performed.

Impact if Not Provided: Maintenance and repair funds will continue to be utilized to maintain the inadequate fuel storage facilities. The lack of adequate fuel storage capacity will impair the combat readiness of the Base.

* The latest certified Basic Facility Requirement, for category codes 124-50 and 123-15, no longer reflects the true needs of the Base. Accordingly revised Basic Facility Requirements are being submitted for approval.

** The latest Form NAVMC 10651 indicates these facilities as adequate. However, these facilities (constructed in 1943) are badly deteriorated and are being redesignated as inadequate.



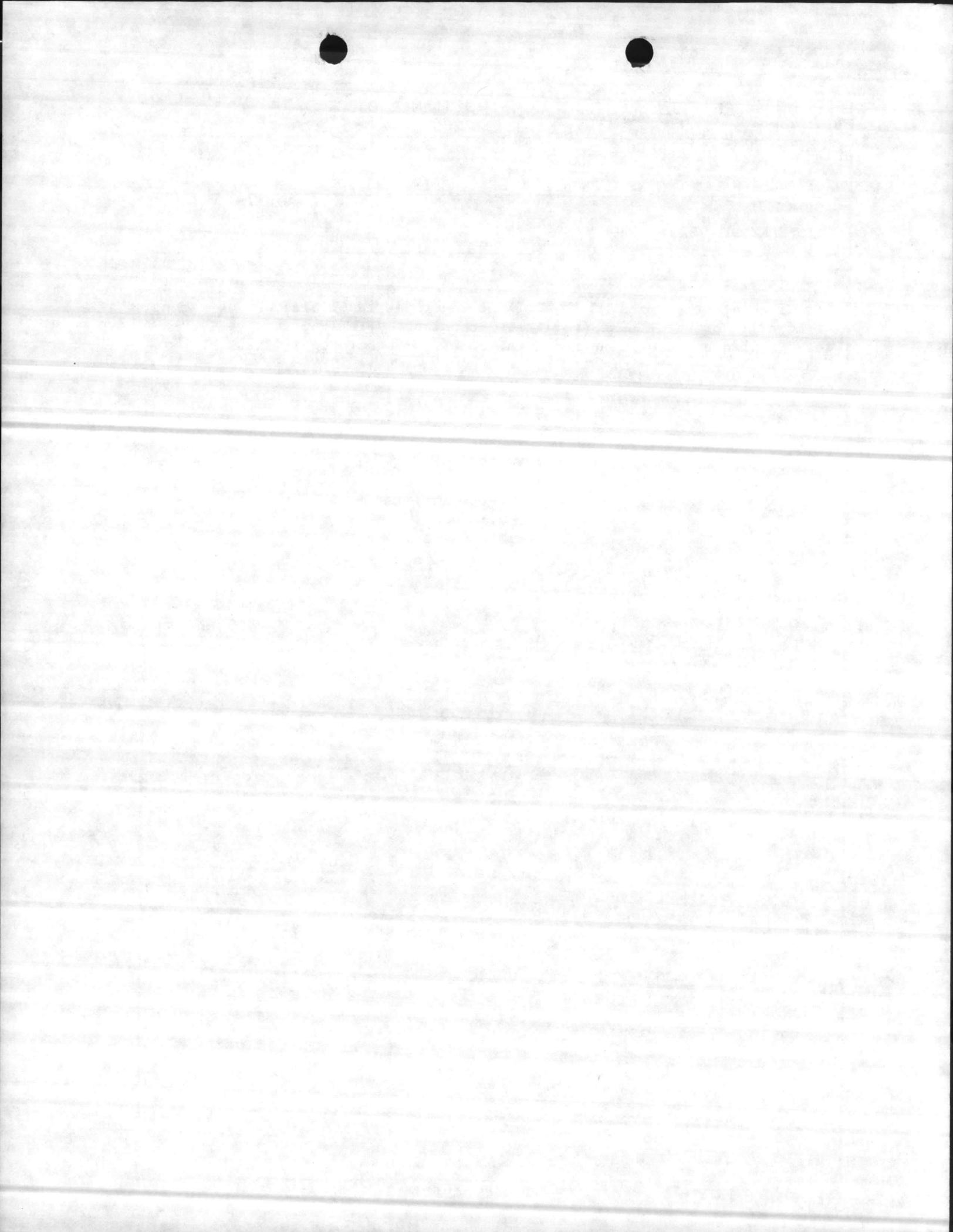
1. COMPONENT MARINE CORPS	FY 19 ⁸⁹ MILITARY CONSTRUCTION PROJECT DATA	2. DATE 1 Jul 85
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3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853
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11. REQUIREMENTS: (continued)

*** The latest Form NAVMC 10651 indicates these facilities as sub-standard. However, these facilities (constructed in 1943) are badly deteriorated and are being redesignated as inadequate facilities.



1. COMPONENT	FY 19 89 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MARINE CORPS		1 Jul 85

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

VEHICLE READY FUEL STORAGE

5. PROJECT NUMBER

P-853

FACILITY STUDY

1. Project: Provide a Vehicle Ready Fuel Storage facility with a total storage capacity of 925,000 gallons. Provide a filling station with fuel dispensing capabilities and an administrative building for support of the fuel storage and filling station facilities.

2. Current and Planned Future Workload with Regard to this Project: The duration of need is indefinite and the facilities will be utilized 100 percent of the time.

3. Description of Proposed Construction:

a. Type of Construction: Permanent fuel storage facility and filling station with underground storage tanks, administrative building, fuel dispensing pumps, utility connections, paved access roads and parking and utility connections.

b. Replacement: This project replaces 792,000 gallons of inadequate fuel storage facilities (category code 124-50), a filling station with dispensing outlets (category code 123-10) and filling station administrative building (category code 123-15) of 798 square feet. For more detail see paragraph 3.c.(4).

c. Description of Work to be Done:

(1) Primary Facilities: Fuel storage facility with underground storage tanks, piping, fire protection, cathodic protection, area lighting, security fencing, site improvements and paved access roads.

Filling station with underground storage tanks, piping, fuel dispensing pumps, paved access roads and refueling areas, fire protection, area lighting, communications, utility connections and site improvements.

Administrative building with reinforced concrete foundation, masonry walls, steel framing, built-up roof, interior support systems (i.e.: heating and air conditioning, fire protection, plumbing, etc.), paved parking, site improvements and utility connections.

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

(3) Collateral Equipment: A collateral equipment list will be forwarded by separate correspondence.

DATE: _____
BY: _____

PROJECT NUMBER: _____

LOCATION: _____

DESCRIPTION: _____

REMARKS: _____

DATE: _____

BY: _____

PROJECT NUMBER: _____

LOCATION: _____

DESCRIPTION: _____

REMARKS: _____

DATE: _____
BY: _____

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

4. PROJECT TITLE
VEHICLE READY FUEL STORAGE

5. PROJECT NUMBER
P-853

c. Description of Work to be Done: (continued)

(4) Supporting Facilities: Underground fuel storage tanks, piping, cathodic protection, fire protection, fuel dispensing pumps, utility connections, paved access roads and refueling areas, pollution abatement and site improvements. Facilities to be demolished by this project are as follows:

Bldg #	Date Const.	Type	U/M	Use Cat Code	Condition
S-1009	1943	P	600,000 GA	124-50	*Adequate
S-1023	1943	"	12,000 GA	"	"
S-1024	1943	"	15,000 GA	"	"
S-1025	1943	"	12,000 GA	"	"
S-1026	1943	"	15,000 GA	"	"
S-1027	1943	"	15,000 GA	"	"
S-1028	1943	"	15,000 GA	"	"
S-1029	1943	"	15,000 GA	"	"
S-1030	1943	"	12,000 GA	"	"
S-1031	1943	"	15,000 GA	"	"
S-1032	1943	"	12,000 GA	"	"
S-1033	1943	"	12,000 GA	"	"
S-1034	1943	"	12,000 GA	"	"
S-1035	1943	"	15,000 GA	"	"
S-1036	1943	"	15,000 GA	"	"
1002	1942	P	798 SF	123-15	"
S-1037	1943	"	1 OL	123-10	"
S-1038	1972	"	132 SF	126-30	"
S-1039	1943	"	132 SF	126-30	"
S-1040	1948	"	36 SF	730-12	"
S-1056	1948	"	36 SF	730-12	"

*The latest Form NAVMC 10651, indicates these facilities are adequate. However, these facilities are badly deteriorated and are being redesignated as inadequate.

4. Cost Estimate: Area Cost Factor for Camp Lejeune, NC is 0.95. Cost data derived from 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 of Project:

(1) Construct a Fuel Storage facility with a total storage capacity of 925,000 gallons. Project is to include a Filling Station with fuel dispensing capabilities and an Administrative building for support of the Fuel Storage and Filling Station facilities.

1. COMPONENT MARINE CORPS	FY 19 ⁸⁹ MILITARY CONSTRUCTION PROJECT DATA	2. DATE 1 Jul 85
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>5. <u>Justification for Project and for Scope of Project:</u> (continued)</p> <p>(2) <u>Requirement:</u> The fuel storage facility is required to provide back up fuel for all Government owned or leased vehicles and equipment at Camp Lejeune. The facility will be the fuel distribution and receiving point for the Base. A filling station is required to establish a main refueling point for all Government vehicles and equipment traveling through the Industrial Area of the Base.</p> <p>(3) <u>Current Situation:</u> Camp Lejeune's existing fuel storage facility and its related filling station was constructed in the 1943 era. Maintenance and repair funds are continuously being spent on these facilities due to deteriorated conditions. Fuel leaks due to the deterioration of the underground tanks has caused soil contamination and it was deemed necessary to abandon several tanks.</p> <p>Since the construction (1943) of these facilities, the number of military vehicles at Camp Lejeune has greatly increased, thus causing yearly fuel consumption levels to soar.</p> <p>Camp Lejeune receives all its fuel requirements from a commercial fuel depot located approximately 125 miles from the Base. Contractual procurement and delivery agreements require that the Base place orders for fuel 30 days in advance of the time of actual need. Due to potential emergency situations causing immediate mobilization of the Marine Corps, the Base is required to have on hand a 30 day operational fuel supply plus a 30 day back up fuel supply for a total of 60 day fuel storage capacity.</p> <p>The fuel storage facility at Camp Lejeune is approaching the point where its mission can no longer be efficiently performed.</p> <p>(4) <u>Impact If Not Provided:</u> Maintenance and repair funds will continue to be utilized to maintain these inadequate facilities. The lack of acceptable fuel storage capacity will impair the combat readiness of the Base.</p> <p>b. <u>Justification for Scope of Project:</u> The project scope, 925,000 gallons, is the minimum size facility that can meet the deficiency requirements for the Fuel Storage Facility needs of the Base. The latest certified Basic Facility Requirement, for category codes 124-50 and 123-15, no longer reflects the true needs of the Base. Accordingly, revised Basic Facility Requirements are being submitted for approval.</p> <p>6. <u>Equipment Provided from Other Appropriations:</u> Not applicable.</p>		

REPORT OF THE COMMISSION ON THE ORGANIZATION OF THE EXECUTIVE BRANCH OF THE GOVERNMENT

CHAPTER I. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 1. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 2. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 3. THE EXECUTIVE BRANCH OF THE GOVERNMENT

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SECTION 5. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 6. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 7. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 8. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 9. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 10. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 11. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 12. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 13. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 14. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 15. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 16. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 17. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 18. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 19. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 20. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 21. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 22. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 23. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 24. THE EXECUTIVE BRANCH OF THE GOVERNMENT

SECTION 25. THE EXECUTIVE BRANCH OF THE GOVERNMENT

1. COMPONENT MARINE CORPS	FY 19 ⁸⁹ MILITARY CONSTRUCTION PROJECT DATA	2. DATE 1 Jul 85
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER p -853	
<p>7. <u>Common Support Facilities</u>: Not applicable. There are no common support facilities available at the Base.</p> <p>8. <u>Effect On Other Resources</u>: The project will require a minimal increase in O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977, and implemented by NAVFACINST 4100.5A.</p> <p>9. <u>Siting of the Project</u>: These facilities will be located in the Hadnot Point Area, in keeping with the Camp Lejeune Master Plan. See enclosure (1).</p> <p>10. <u>Other Graphic Presentations, including Photographs</u>: None</p> <p>11. <u>Economic Analysis</u>: These facilities are being constructed on a partially developed site. Economic savings will be in nominal energy consumption savings to be realized from efficient operations.</p> <p>12. <u>Environmental Impact Assessment</u>: An Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated.</p> <p>13. <u>Quantitative Data</u>:</p> <p>a. Unit of Measure: GALLONS</p> <p>b. Total Requirement: *925,000 GALLONS. The latest certified Basic Facility Requirement (276,340 SF), for category code 124-50, no longer reflects the true needs of the Base. Accordingly, revised BFRL requirements are being submitted for approval.</p> <p>*For justification of project scope (925,000 GA) see para 5.b.(3).</p> <p>c. Existing Substandard: 0</p> <p>d. Existing Inadequate: *792,000 GALLONS</p> <p>*The latest Form NAVMC 10651 indicates these facilities are adequate. However, these facilities (constructed in 1943) are badly deteriorated and are being redesignated as inadequate. These facilities will be demolished by this project.</p> <p>e. Existing Adequate: 0</p>		

1. COMPONENT MARINE CORPS	FY 19 <u>89</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 1 Jul 85
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC		
4. PROJECT TITLE VEHICLE READY FUEL STORAGE	5. PROJECT NUMBER P-853	
<p>13. <u>Quantitative Data: (cont'd)</u></p> <p>f. Other Assets, Not in Inventory: 0</p> <p>g. Funded, Not in Inventory: 0</p> <p>h. Adequate Assets: (e + F + g) = 0</p> <p>i. Deficiency: (b - h) = 925,000 GALLONS</p> <p>14. <u>Maintenance Facility:</u> Not applicable.</p> <p>15. <u>Morale, Welfare and Recreation Facilities:</u> Not applicable.</p> <p>16. <u>Relocation Facilities:</u> Not applicable.</p> <p>17. <u>Storage Facilities:</u> Not applicable.</p> <p>18. <u>Hazard Identification, Assessment and Analysis:</u> Proposed facilities will be a fuel storage facility and a filling station. The following potential hazardous conditions will be considered during the design phase:</p> <p>a. Gasoline/Diesel Fumes</p> <p>b. Fire</p>		

