

PWO:408:VN:bb  
P-792

112 JAN 1981

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

Subj: FY-81 NAF Project P-792, Commissary Distribution Center, MCB,  
CLNC; submission of

Ref: (a) MCO P11000.12A  
(b) CMC ltr LFS-1-cb1 of 5 Dec 1980

Encl: (1) Project Package consisting of DD Form 1391 and DD Form 1391c  
of 22 Dec 1980; NAVFAC Form 11013/7 (Cost Estimate) of 12  
Dec 1980; and Single-Line Drawing (PWD #14221)  
(2) NAVMC Form 10915 (BFRL) for Commissary, Category Code 740-23,  
of 22 Dec 1980

1. Reference (a) provided detailed guidance for submission of Non-appropriated Fund projects. Reference (b) requested that action be taken to proceed with preliminary planning of subject project. Accordingly, enclosure (1) is hereby forwarded.

2. A revised Basic Facilities Requirements List reflecting current space requirements is also forwarded as enclosure (2) in support of subject project.

K. P. MILLICE, Jr.  
By direction

Copy to: (w/encl 2 only)  
CMC (Code LFS-1)

Blind copy to: (w/encls)  
AC/S, Fac  
AC/S, Log

*Return PW Planning Branch*

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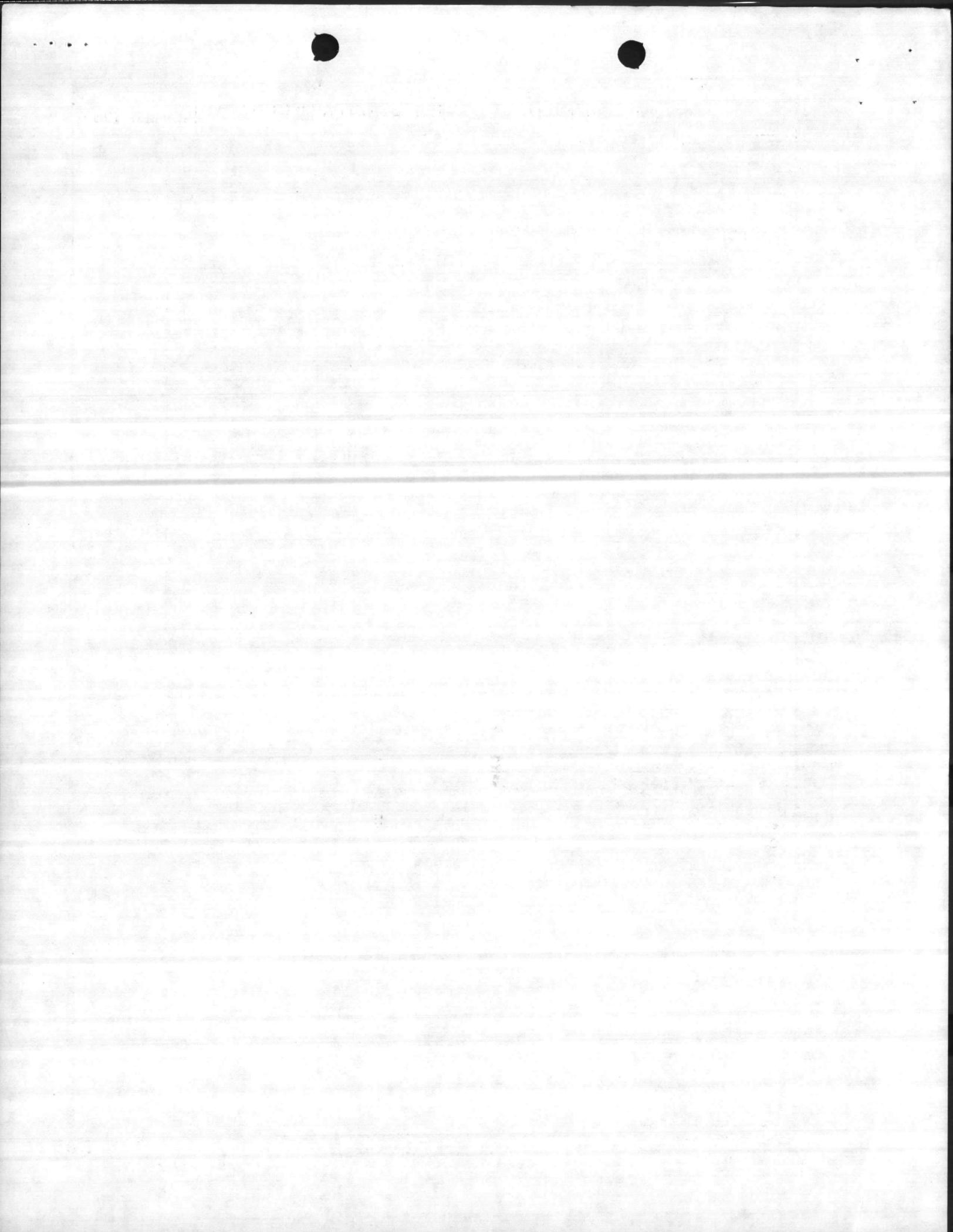
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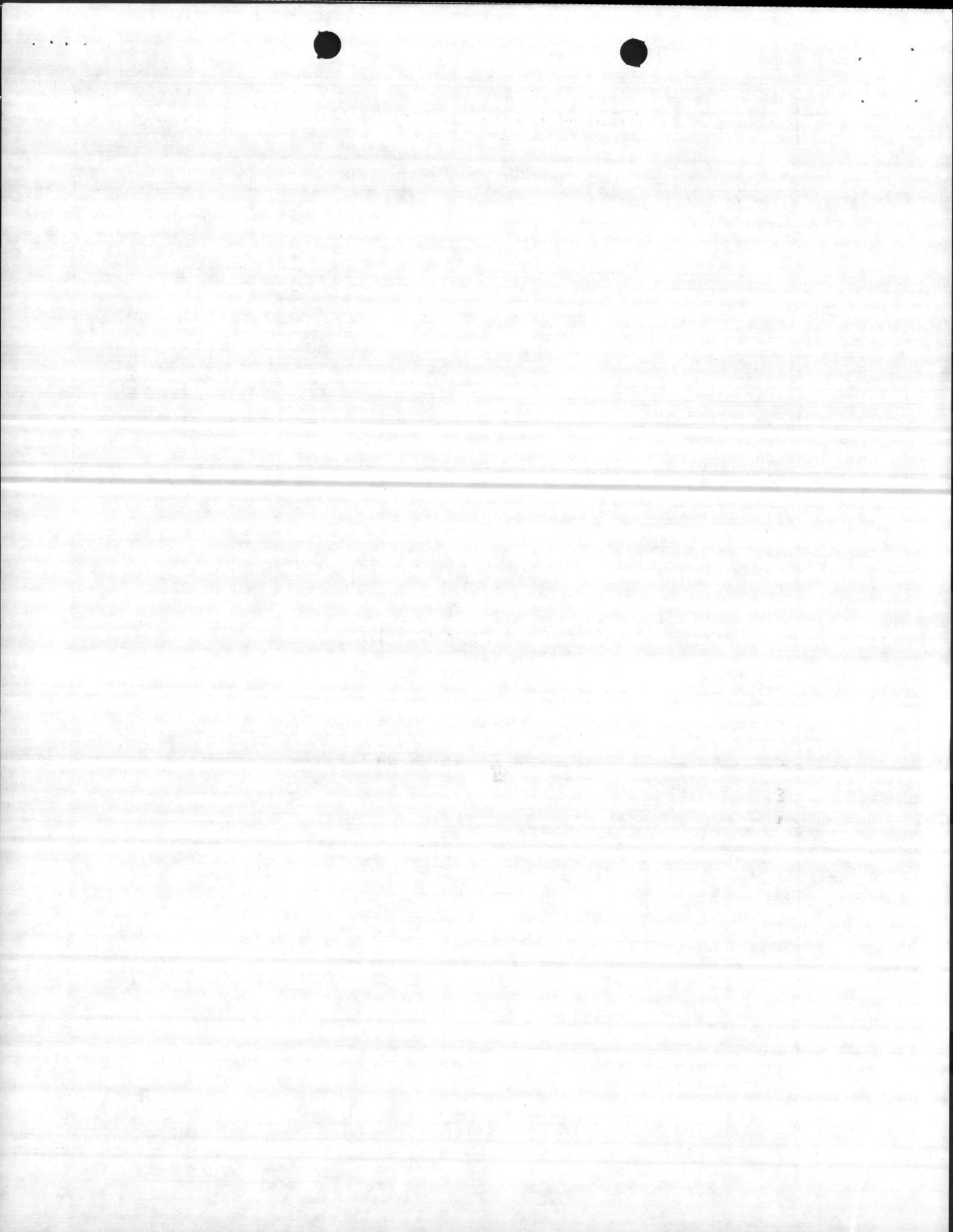
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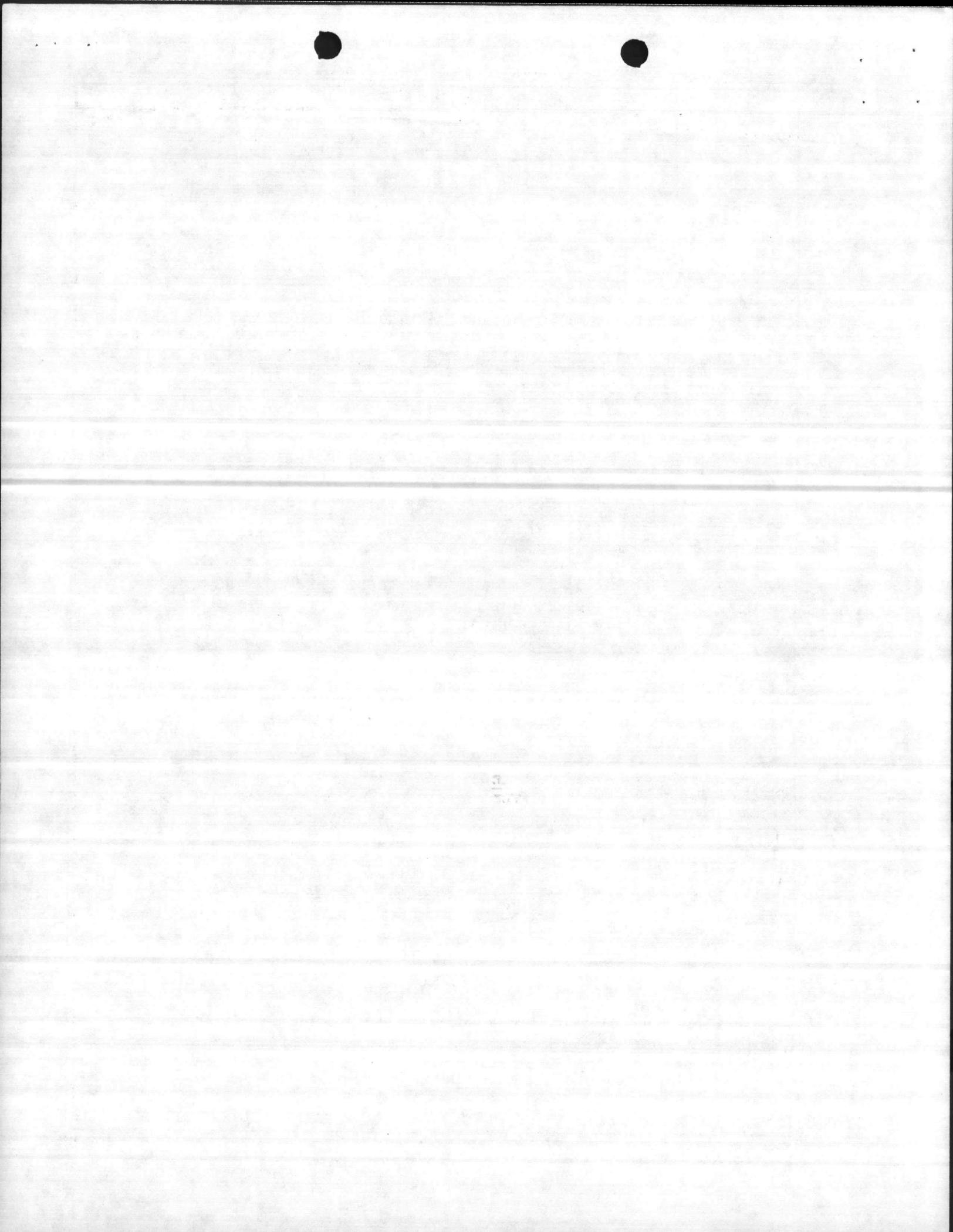
1. COMPONENT NAVY		NON-APPROPRIATED FUND PROJECT FY 1981 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 22 DEC 1980	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542				4. PROJECT TITLE COMMISSARY DISTRIBUTION CENTER		
5. PROGRAM ELEMENT		6. CATEGORY CODE 750-20	7. PROJECT NUMBER P-792		8. PROJECT COST (\$000) 920.3	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
ADDITION/RENOVATION		SF	19,800	37.78	748.1	
TOTAL COST		LS	-	-	748.1	
CONTINGENCY - 10%		LS	-	-	74.8	
ESTIMATED CONTRACT COST		LS	-	-	822.9	
SUPERVISION, INSPECTION, & OVERHEAD - 5.5%		LS	-	-	45.3	
TOTAL REQUEST		LS	-	-	868.2	
INSTALLED EQUIP - OTHER APPROPRIATIONS		-	-	-	-	
A&E SERVICE - 6%		LS	-	-	52.1	
PROJECT COST (ROUNDED)					920.3	
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
Provide adequate facilities to establish a distribution center for the Commissary system. Work includes new construction and alterations to existing structure, including architectural changes, exterior and interior electrical work, rerouting of exterior utility systems, and modifications of utility connections.						
11. REQUIREMENTS:						
PROJECT: This project is to provide an addition to the Commissary Warehouse for use as a Commissary Distribution Center.						
REQUIREMENT: The addition to the Commissary Warehouse is required to comply with commissary plans for consolidation of Dry Storage Warehouses for Camp Lejeune, Cherry Point, and Paris Island.						
CURRENT SITUATION: Adequate storage space is not available for establishing a distribution center.						
IMPACT IF NOT PROVIDED: Non-compliance with CMC letter LFS-1-cbl of 5 Dec 1980, which established the requirement for a Commissary Distribution Center.						
VM						



1. COMPONENT NAVY	NON-APPROPRIATED FUND PROJECT FY 19 81 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 DEC 1980
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE COMMISSARY DISTRIBUTION CENTER	5. PROJECT NUMBER P-792	
<p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p> <ol style="list-style-type: none"> <li>1. <u>Pollution Prevention, Abatement, and Control:</u> This project will not cause additional air or water pollution.</li> <li>2. <u>Flood Hazard Evaluation:</u> Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.</li> <li>3. <u>Environmental Impact:</u> The project Environmental Impact Assessment has been made, reviewed, and where required, the design concepts give consideration to eliminating adverse environmental effects consistent with applicable directives.</li> <li>4. <u>Fallout Shelter Construction:</u> Not applicable.</li> <li>5. <u>Design for Accessibility of Physically Handicapped Personnel.</u> Provisions for physically handicapped personnel are not required in this project.</li> <li>6. <u>Use of Air Conditioning:</u> Not applicable.</li> <li>7. <u>Preservation of Historical Sites and Structures:</u> The 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.</li> <li>8. <u>"New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76):</u> Not applicable.</li> </ol>		

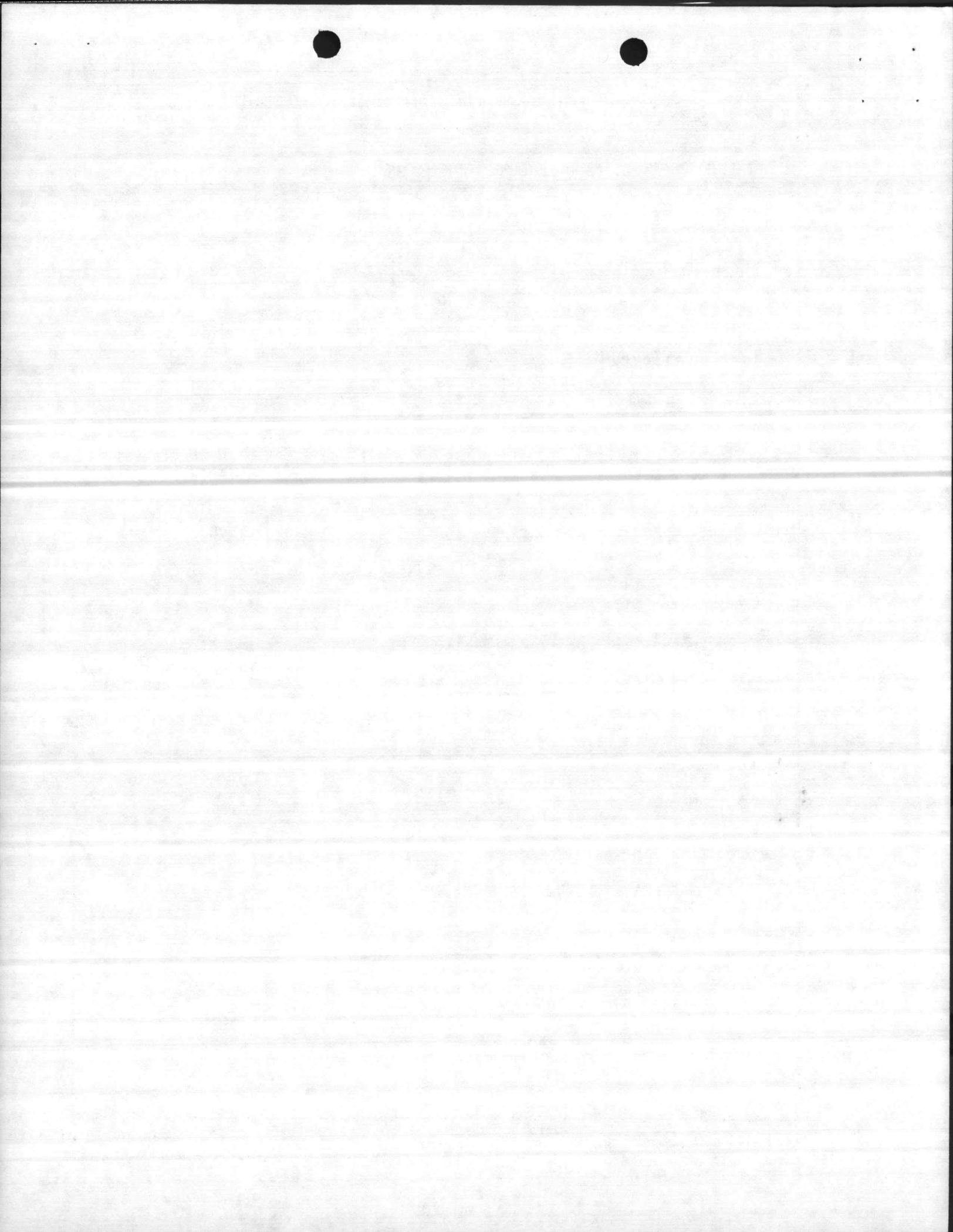


1. COMPONENT NAVY	NON-APPROPRIATED FUND PROJECT FY 19 81 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 DEC 1980
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE COMMISSARY DISTRIBUTION CENTER	5. PROJECT NUMBER P-792	
<p style="text-align: center;"><u>FACILITY STUDY</u></p> <ol style="list-style-type: none"> <li>1. <u>Project.</u> Provide a Commissary Distribution Center.</li> <li>2. <u>Current and Planned Future Workload with Regard to this Project.</u> The percentage of usage for this facility is 100 percent of the time, and the duration of need is indefinite.</li> <li>3. <u>Description of Proposed Construction.</u> <ol style="list-style-type: none"> <li>a. <u>Type of Construction:</u> <ol style="list-style-type: none"> <li>(1) Permanent distribution center with pile foundation, concrete slab on compacted fill, reinforced concrete columns on spread footing, concrete roof with built-up roofing.</li> <li>(2) Electrical, steam, and water connections will be made to addition. Rerouting of exterior electrical, steam, water, sewage, fire alarm, and telephone will be required.</li> </ol> </li> <li>b. <u>Replacement:</u> None</li> <li>c. <u>Description of Work to be Done:</u> <ol style="list-style-type: none"> <li>(1) <u>Primary Facility:</u> Reinforced concrete structure on pile foundation.</li> <li>(2) <u>Energy Conservation:</u> Energy efficient design and materials will be utilized.</li> <li>(3) <u>Collateral Equipment:</u> Not applicable.</li> </ol> </li> </ol> </li> <li>4. <u>Cost Estimate:</u> Cost data derived from Means Construction Guide - 1980.</li> <li>5. <u>Justification for Project and for Scope of Project:</u> <ol style="list-style-type: none"> <li>a. <u>Justification for Project:</u> <ol style="list-style-type: none"> <li>(1) <u>Project:</u> Proposed facility is required to provide Commissary with adequate storage space for establishing a Distribution Center.</li> <li>(2) <u>Current Situation:</u> Adequate storage facilities are not available for implementation of this center.</li> <li>(3) <u>Impact if not Provided:</u> Non-compliance with MCO 4065.4A, which established the requirement for a Commissary Distribution Center.</li> </ol> </li> </ol> </li> </ol>		



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1. COMPONENT  NAVY	NON-APPROPRIATED FUND PROJECT FY 19 <u>81</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE  22 DEC 1980																		
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<p>b. <u>Justification for Scope of Project:</u> The project scope is the minimum size facility that can meet the deficiency requirements.</p> <p>6. <u>Equipment Provided from Other Appropriations:</u> Not applicable.</p> <p>7. <u>Common Support Facilities:</u> Not applicable.</p> <p>8. <u>Effect on Other Resources:</u> Energy efficient design and materials will be utilized to minimize energy usage.</p> <p>9. <u>Siting of the Project:</u> This facility will be located in the Industrial Area of Hadnot Point, 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> Addition to existing warehouse space is the only viable solution for accomplishment of this project. The type of construction used will be in the best economical interest of the government.</p> <p>12. <u>Environmental Impact:</u> An Environmental Impact Assessment of the area has been made, and it has been determined that this project will have neither a significant impact on the environment nor is it highly controversial.</p> <p>13. <u>Quantitative Data:</u></p> <p>a. <u>BFRL Requirement (Hadnot Point Area (DA)):</u> 183,748 SF. Space requirements were obtained from NAVMC P-80 and the Commissary-retained consulting firm "Management Horizon."</p> <p>b. <u>Existing Assets:</u></p> <table border="1" data-bbox="430 1493 1170 1724"> <thead> <tr> <th><u>FACILITY NUMBER</u></th> <th><u>TOTAL ASSETS</u></th> <th><u>STATUS</u></th> </tr> </thead> <tbody> <tr> <td>1200</td> <td>38,425 SF</td> <td>Adequate</td> </tr> <tr> <td>1201</td> <td>64,800 SF</td> <td>Adequate</td> </tr> <tr> <td>1301</td> <td>4,800 SF</td> <td>Adequate</td> </tr> <tr> <td>TT-2455</td> <td>19,419 SF</td> <td>Adequate</td> </tr> <tr> <td>TT-2457</td> <td>19,800 SF</td> <td>Adequate</td> </tr> </tbody> </table> <p>Total for Category Code 740-23: 147,244 (Adequate)</p>			<u>FACILITY NUMBER</u>	<u>TOTAL ASSETS</u>	<u>STATUS</u>	1200	38,425 SF	Adequate	1201	64,800 SF	Adequate	1301	4,800 SF	Adequate	TT-2455	19,419 SF	Adequate	TT-2457	19,800 SF	Adequate
<u>FACILITY NUMBER</u>	<u>TOTAL ASSETS</u>	<u>STATUS</u>																		
1200	38,425 SF	Adequate																		
1201	64,800 SF	Adequate																		
1301	4,800 SF	Adequate																		
TT-2455	19,419 SF	Adequate																		
TT-2457	19,800 SF	Adequate																		



1. COMPONENT NAVY	NON-APPROPRIATED FUND PROJECT FY 19 <u>81</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 DEC 1980
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3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
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4. PROJECT TITLE COMMISSARY DISTRIBUTION CENTER	5. PROJECT NUMBER P-792
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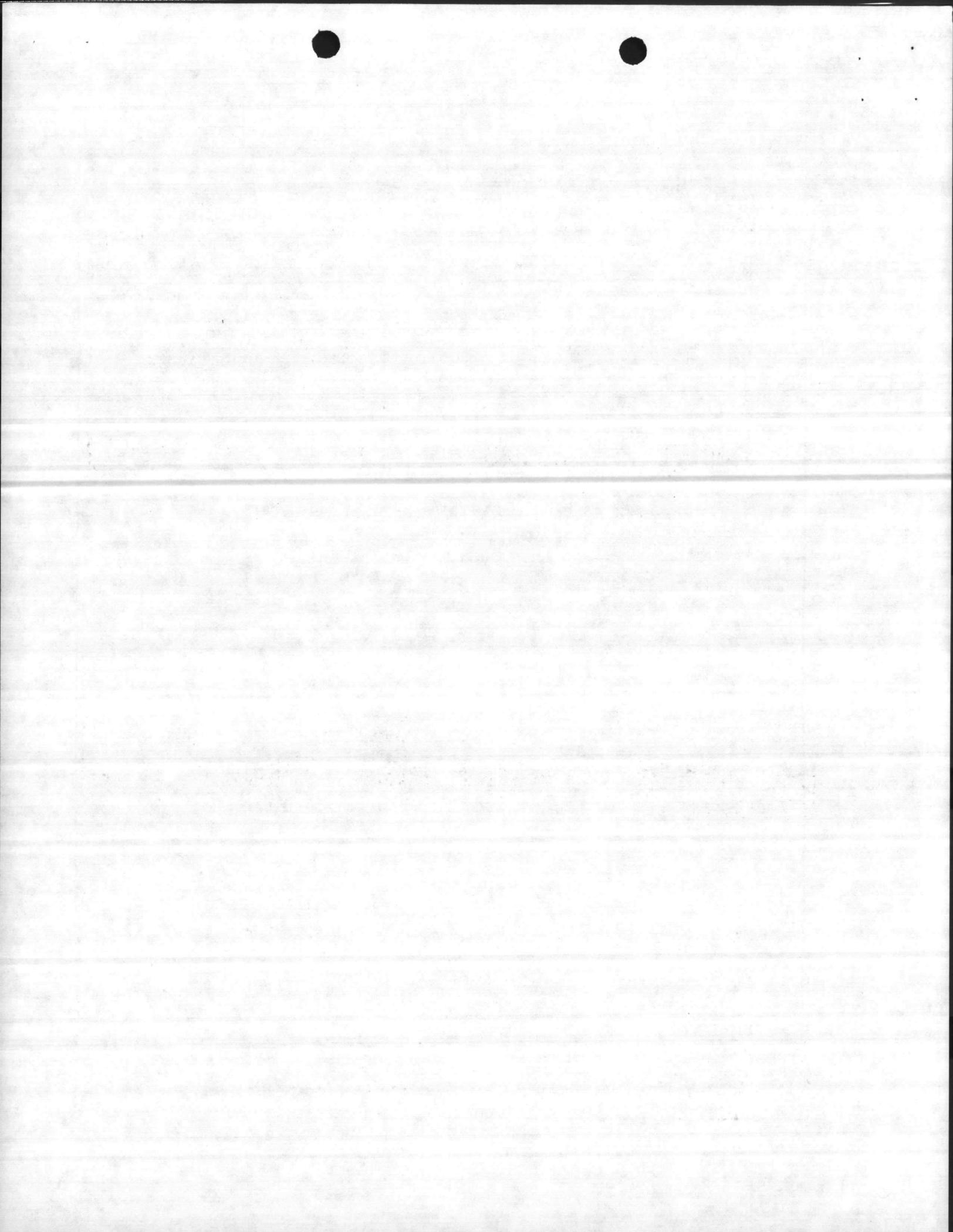
c. Planned Facilities:

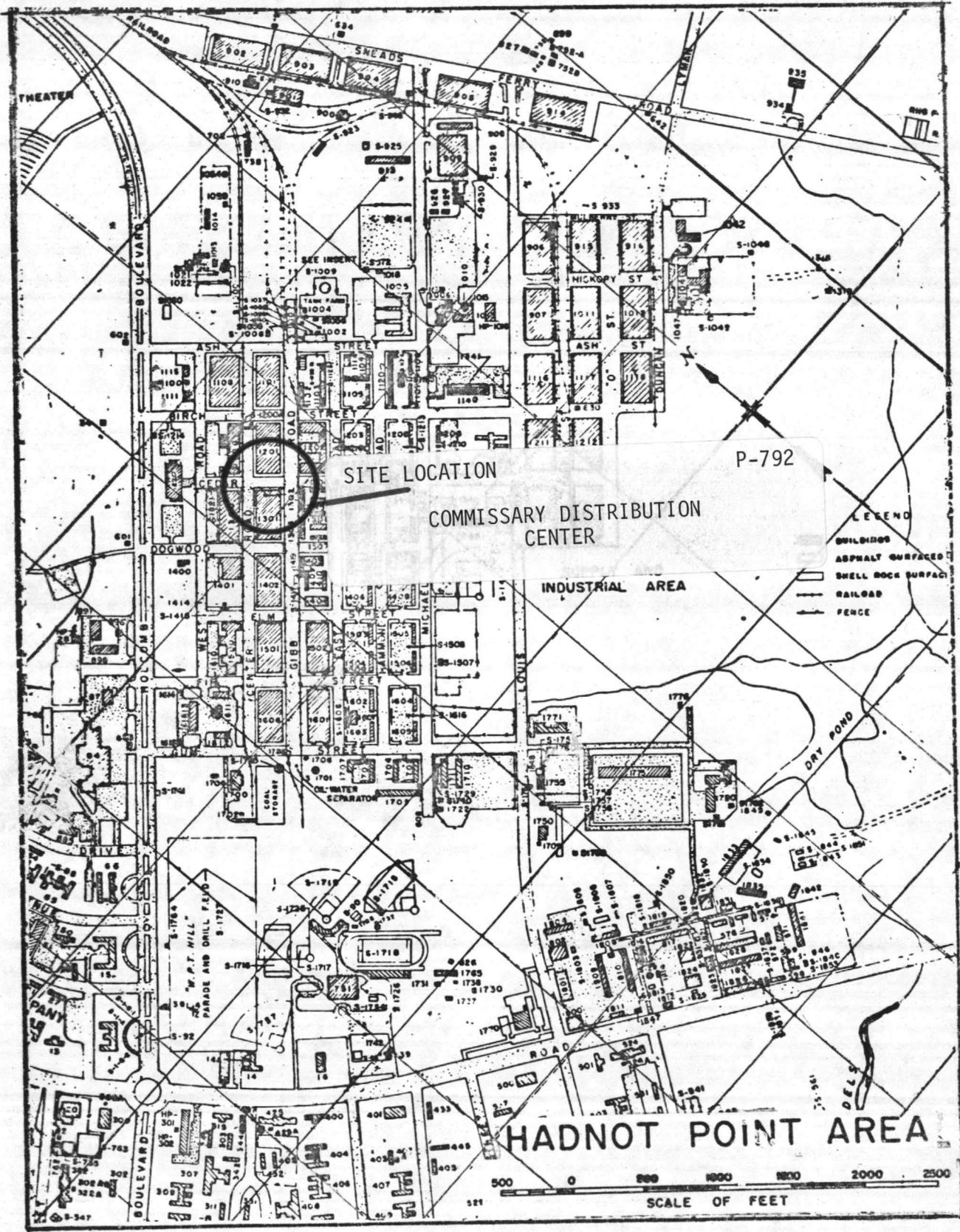
<u>PROJ. NO.</u>	<u>AREA (SF)</u>	<u>MCON STATUS</u>
P-792	19,800	FY-81 Program
Subtotal:	147,244 SF	
Subtotal:	<u>19,800</u> SF	
TOTAL:	167,044 SF	

A 10% growth factor is expected within the next five years.

$$(167,044) (1.1) = 183,748 \text{ SF}$$

BFRL Total = 183,748 SF





P-792

SITE LOCATION

COMMISSARY DISTRIBUTION CENTER

LEGEND

- BUILDINGS
- ASPHALT SURFACED
- SHELL ROCK SURFACE
- RAILROAD
- FENCE

INDUSTRIAL AREA

HADNOT POINT AREA

500 0 500 1000 1500 2000 2500  
SCALE OF FEET



NON-APPROPRIATED FUND PROJECT

NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A	<b>COST ESTIMATE</b>	DATE PREPARED 12 DEC 1980	SHEET 1 OF 5
ACTIVITY AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542	CONSTRUCTION CONTRACT NO.	IDENTIFICATION NUMBER P-792	
PROJECT TITLE COMMISSARY DISTRIBUTION CENTER	ESTIMATED BY D. D. WEAVER	CATEGORY CODE NUMBER 740-23	
	STATUS OF DESIGN <input checked="" type="checkbox"/> PED <input type="checkbox"/> 30% <input type="checkbox"/> 100% <input type="checkbox"/> FINAL <input type="checkbox"/> 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
EXCAVATE & GRADE SITE	20,000	SF	-	3,000	-	4,000	-	7,000
DRIVE PILING	158	EA	90	14,220	60	9,480	150	23,700
CONCRETE PILE CAPS	60	EA	80	4,500	75	4,500	155	9,000
REINF. CONCRETE COLUMN, 24'	40	EA	150	6,000	200	8,000	350	14,000
REINF. CONCRETE ROOF DECK	20,000	SF	0.95	19,000	1.50	30,000	2.45	49,000
CONCRETE ROOF BEAMS	2,360	LF	2.10	4,956	6.85	16,166	8.95	21,122
REINFORCED STEEL	34	TN	400	14,000	300	10,500	700	24,500
C.M.U. EXTERIOR WALLS, 12"	13,920	SF	1.90	26,448	2.50	34,800	4.40	61,248
STUCCO EXTERIOR	1,600	SY	1.09	1,744	9.00	14,400	10.09	16,144
PERLITE BLOCK INSULATION	12,000	SF	0.52	6,240	0.25	3,000	0.77	9,240
FILL UNDER FLOOR	2,200	CY	8.00	17,600	2.00	4,400	10.00	22,000
CONCRETE FLOOR	19,800	SF	0.75	14,850	0.80	15,840	1.55	30,690
CONCRETE LOADING DOCKS	2,200	SF	1.50	3,300	4.00	8,800	5.50	12,100
O.H. DOORS	18	EA	1,200	21,600	500	9,000	1,700	30,600
PERSONNEL DOORS, METAL	3	EA	250	750	120	360	370	1,110
PENTHOUSE WINDOWS	1	LS	-	4,000	-	2,000	-	6,000
B.U. ROOF, 4 PLY	200	SQ	220	44,000	80	16,000	300	60,000

ENCLOSURE



NON-APPROPRIATED FUND PROJECT

NAVFAC 11013/7 (1-78)  
Supersedes NAVDOCKS 2417 and 2417A

**COST ESTIMATE**

DATE PREPARED  
12 DEC 1980

SHEET 2 OF 5

ACTIVITY AND LOCATION  
MARINE CORPS BASE  
CAMP LEJEUNE, NORTH CAROLINA 28542  
PROJECT TITLE  
COMMISSARY DISTRIBUTION CENTER

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER  
P-792

ESTIMATED BY  
D. D. WEAVER

CATEGORY CODE NUMBER  
740-23

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
<b>ELECTRICAL:</b>								
DISCONNECT PRIMARY	1	LS	-	80	-	300	-	380
RELOCATE POLES	2	EA	50	100	100	200	150	300
INSTALL NEW POLE COMPLETE	1	EA	-	150	-	100	-	250
8' CROSSARMS & BRACES	7	EA	35	245	10	70	45	315
FUSED CUTOUTS	3	EA	60	180	20	60	80	240
REPLACE TRANSFORMERS 37½ KVA	3	EA	580	1,740	120	360	700	2,100
PROVIDE TERMINATION KIT	2	EA	80	160	20	40	100	200
PROVIDE WEATHERHEADS	2	EA	60	120	15	30	75	150
CB 20A 100A PANEL	5	EA	200	1,000	80	400	280	1,400
CABLE - PRIMARY 15KVA	1,600	FT	1.56	2,496	0.25	400	1.81	2,896
WIRE 250 MCM	150	FT	3.22	483	0.52	78	3.74	561
LIGHTS HPS 250 WATTS	60	EA	212	12,720	20	1,200	230	13,920
INTERIOR ELECTRICAL WIRING	1	LS	-	2,500	-	1,500	-	4,000
RELOCATE FIRE ALARM AND TELEPHONE	1	LS	-	4,000	-	5,000	-	9,000
SUBTOTAL:				25,974		9,738		35,712

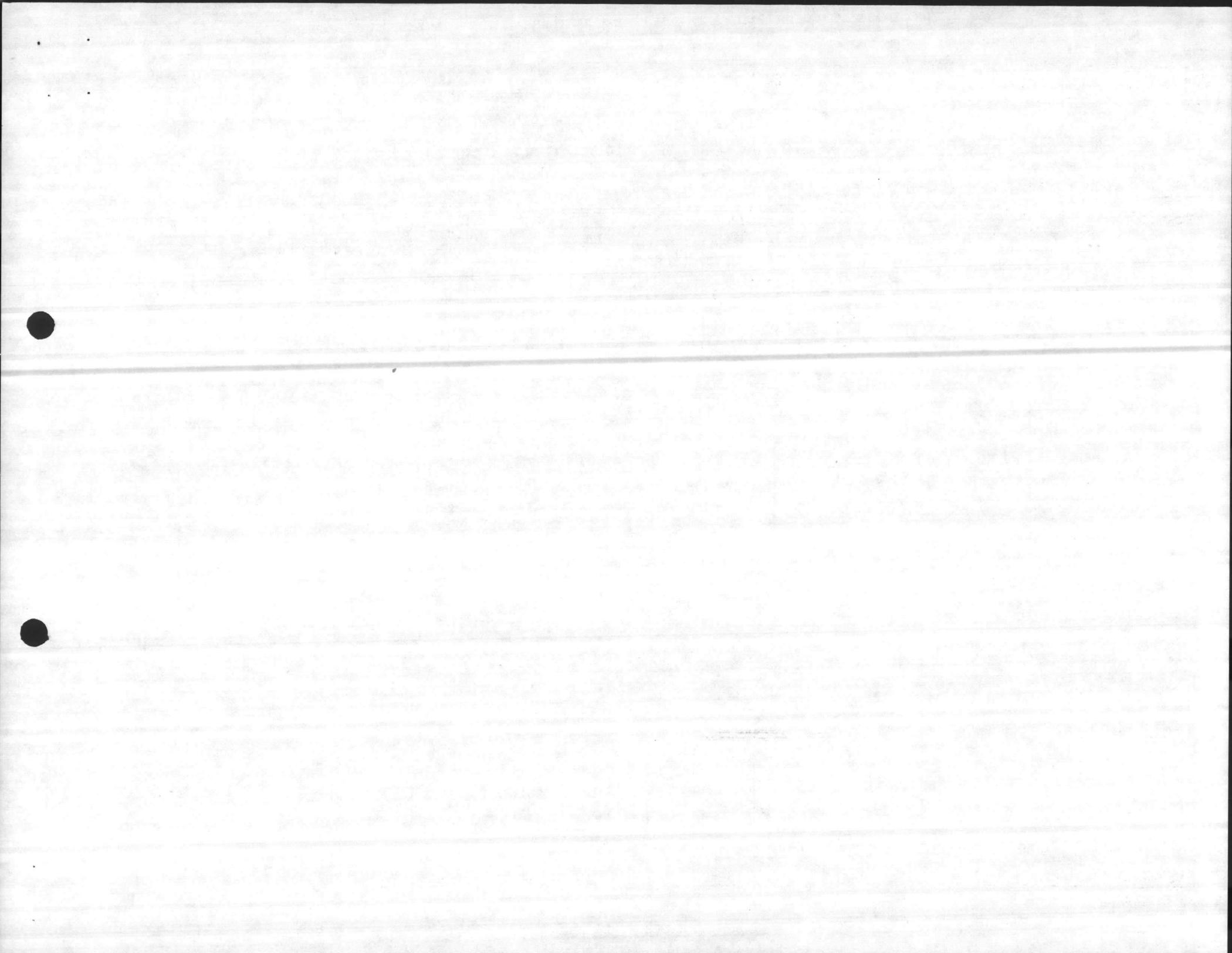


NON-APPROPRIATED FUND PROJECT

NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A	<h3 style="margin: 0;">COST ESTIMATE</h3>	DATE PREPARED 12 DEC 1980	SHEET 3 OF 5
ACTIVITY AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542	CONSTRUCTION CONTRACT NO.		IDENTIFICATION NUMBER P-792
PROJECT TITLE COMMISSARY DISTRIBUTION CENTER	ESTIMATED BY D. D. WEAVER		CATEGORY CODE NUMBER 740-23
	STATUS OF DESIGN <input checked="" type="checkbox"/> PED <input type="checkbox"/> 30% <input type="checkbox"/> 100% <input type="checkbox"/> FINAL <input type="checkbox"/> 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
<u>EXTERIOR WATER DISTRIBUTION:</u>								
CUT & CAP 8" LINE	1	LS	-	120	-	250	-	370
EXTEND 8" LINE	75	LF	7.00	525	8.00	600	-	1,125
RELOCATE EXISTING HYDRANT	1	LS	-	80	-	200	-	280
MISCELLANEOUS PATCHING, ETC.	1	LS	-	50	-	100	-	150
SUBTOTAL:				775		1,150		1,925
<u>SANITARY SEWER:</u>								
CUT & CAP 8" LINE	1	LS	-	120	-	250	-	370
INSTALL NEW 8" SEWER LINE	350	LF	7.00	2,450	8.00	2,800	15	5,250
CONNECT SEWER LINE (BLDG. 1301)	1	LS	-	300	-	200	-	500
MODIFY MANHOLES	2	EA	75	150	80	160	155	310
SUBTOTAL:				3,020		3,410		6,430
<u>STORM SEWER:</u>								
REROUTE STORM SEWER:								
18" RCP	200	LF	6.00	1,200	8.00	1,600	14	2,800
PATCH PAVEMENT	70	SY	5.00	350	3.00	210	8	560
SUBTOTAL:				1,550		1,810		3,360

ENCLOSURE



NON-APPROPRIATED FUND PROJECT

NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A	<h3 style="margin: 0;">COST ESTIMATE</h3>	DATE PREPARED 12 DEC 1980	SHEET 4 OF 5
ACTIVITY AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542	CONSTRUCTION CONTRACT NO.	IDENTIFICATION NUMBER P-792	
PROJECT TITLE COMMISSARY DISTRIBUTION CENTER	ESTIMATED BY D. D. WEAVER	CATEGORY CODE NUMBER 740-23	
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ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
<b>MECHANICAL:</b>								
REMOVE LINES & FILL EXISTING MANHOLE	1	LS	-	200	-	300	-	500
CUT EXIST STEAM MAIN & CONNECT NEW RUN	1	LS	-	120	-	150	-	270
<b>PIPING:</b>								
4" SCHEDULE 80 W/INS.	250	LF	7.90	1,975	3.00	750	10.90	2,725
2½" SCHEDULE 80 W/INS.	500	LF	4.50	2,250	2.30	1,150	6.80	3,400
1¼" SCHEDULE 80 W/INS.	450	LF	1.90	855	1.80	810	3.70	1,665
1" SCHEDULE 80 W/INS.	450	LF	1.70	765	1.50	675	3.20	1,440
1½" SCHEDULE 80 W/INS.	25	LF	1.80	45	1.60	40	3.40	85
STEAM COIL UNITS 25PSI, 38000 BTUH	6	EA	350	2,100	60	360	240	2,460
CONDENSATE RECEIVER & PUMP	1	LS	-	3,000	-	250	-	3,250
MISCELLANEOUS	1	LS	-	150	-	200	-	350
SUBTOTAL:				11,460		4,685		16,145
SPRINKLE BUILDING	84,600	SF	.90	76,140	.25	21,150	1.15	97,290
SUBTOTAL:				17,820		4,950		22,770
SUBTOTAL:				325,127		233,189		558,316
OVERHEAD (15%)								83,747

E001 (1)



NON-APPROPRIATED FUND PROJECT

NAVFAC 11013/7 (1-78)  
Supersedes NAVDOCKS 2417 and 2417A

**COST ESTIMATE**

DATE PREPARED  
12 DEC 1980

SHEET 5 OF 5

ACTIVITY AND LOCATION  
MARINE CORPS BASE  
CAMP LEJEUNE, NORTH CAROLINA

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER  
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ESTIMATED BY  
D. D. WEAVER

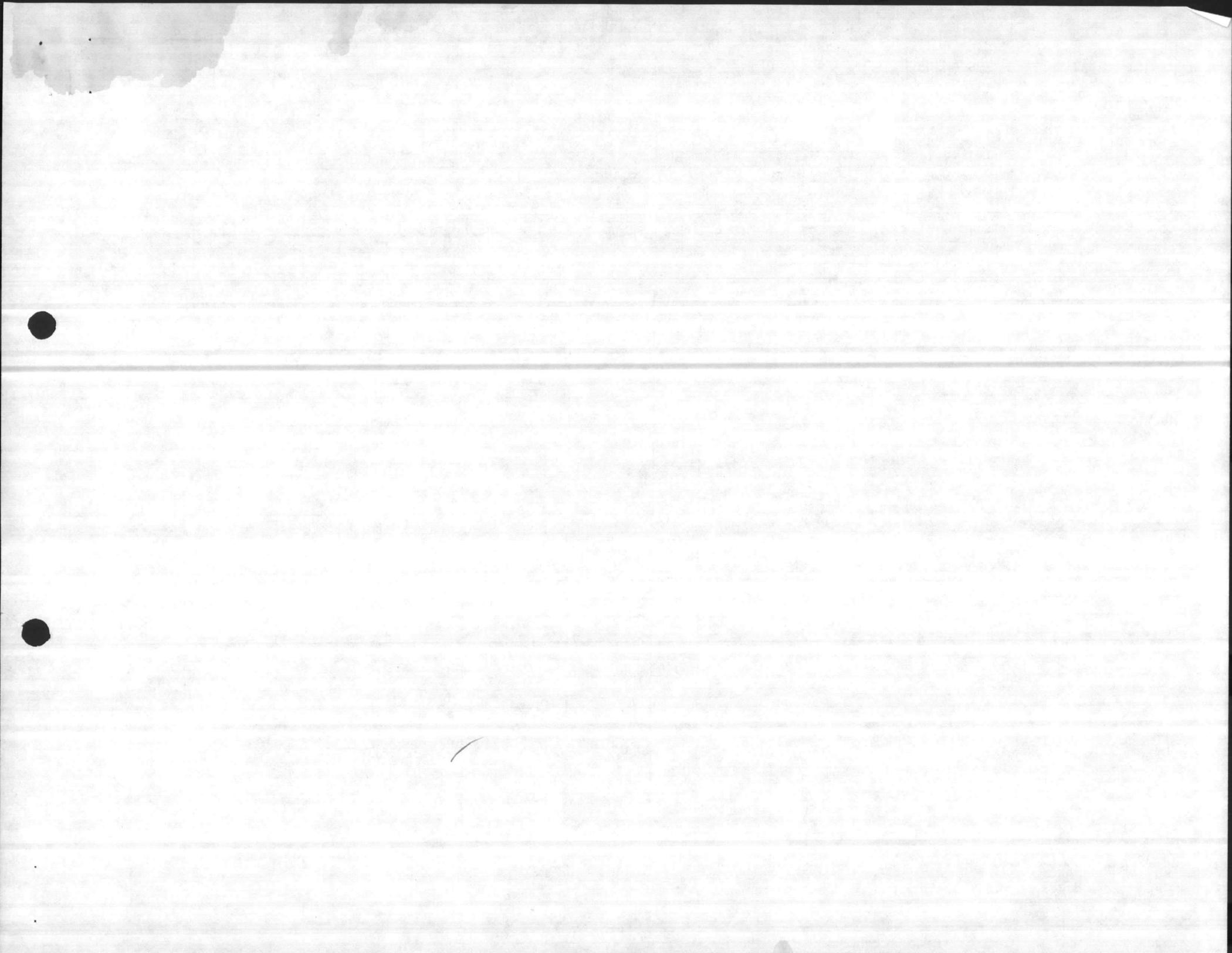
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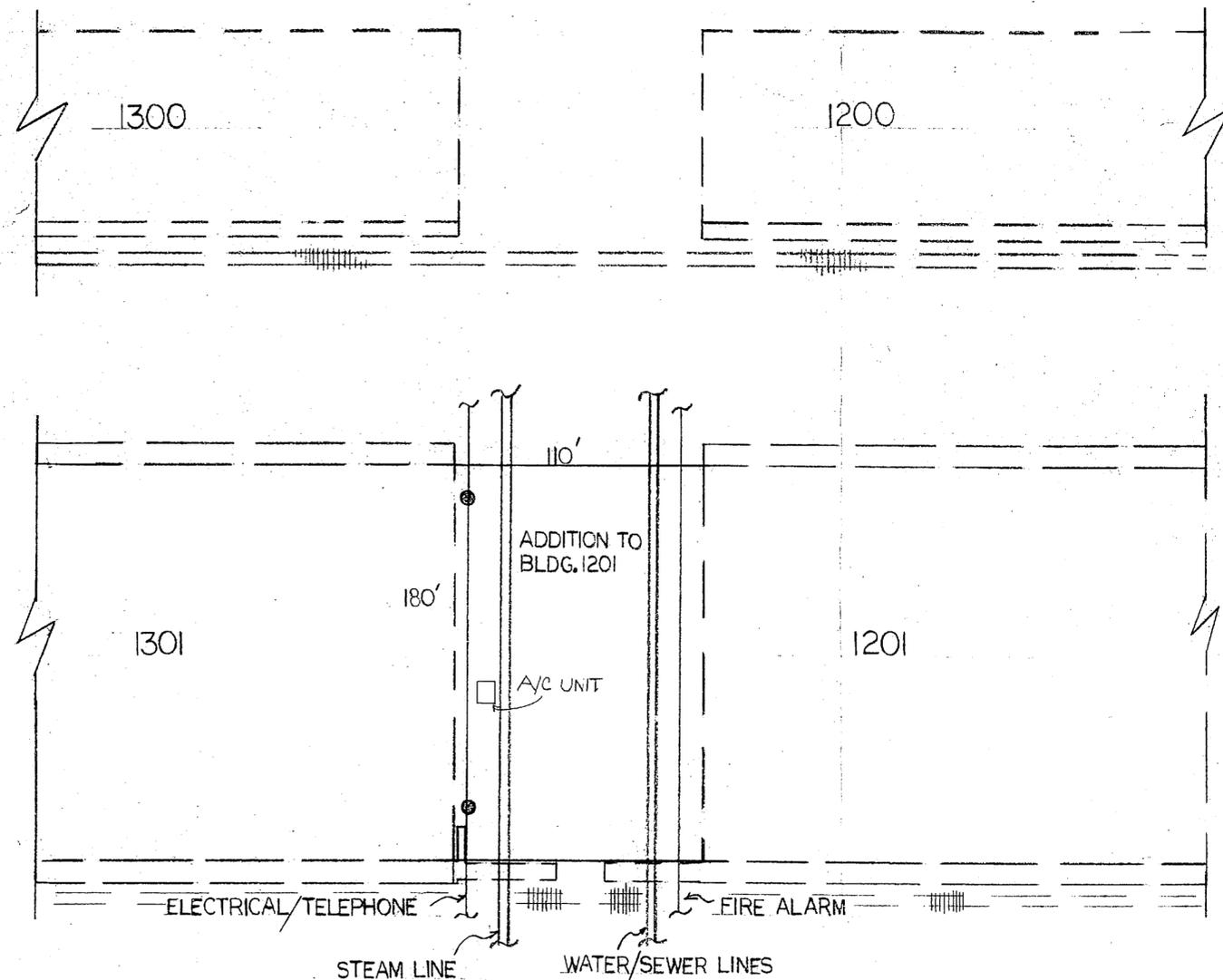
PROJECT TITLE  
COMMISSARY DISTRIBUTION CENTER

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

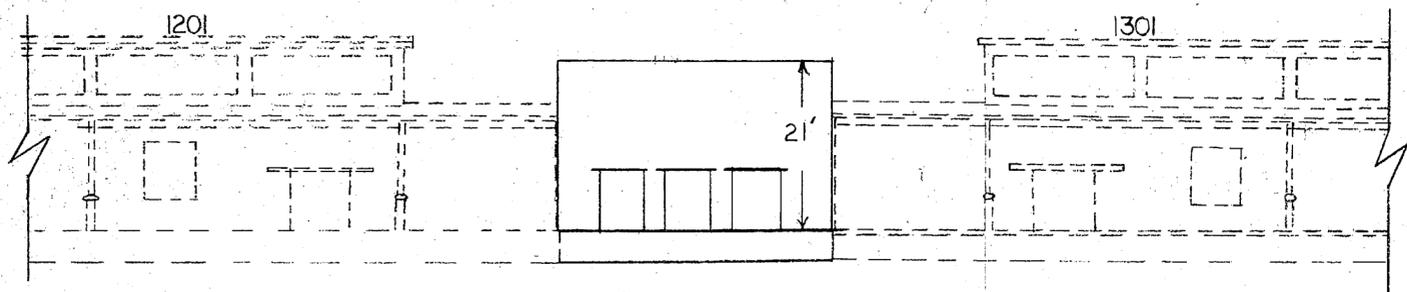
JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
TAXES, S. S. (12% OF LABOR)								27,983
SUBTOTAL:								670,046
PROFIT (10%)								67,000
SUBTOTAL:								737,046
BOND (1.5%)								11,056
SUBTOTAL:								748,102
CONTINGENCIES (10%)								74,810
ESTIMATED CONTRACT COST								822,912
SUPERVISION, INSPECTION, & OVERHEAD (5.5%)								45,260
TOTAL REQUEST (ROUNDED)								868,200
DESIGN (6%)								52,092
PROJECT COST (ROUNDED)								920,300





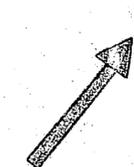
SITE LOCATION — UTILITY LINES  
SCALE 1"=50'



NORTH ELEVATION  
NOT TO SCALE

NOTES:

1. RELOCATE AIR CONDITIONING TO ROOF OF BLDG. 1301.
2. BLOCK UP PERSONNEL DOOR AND WINDOWS IN BLDG. 1301.
3. REMOVE ACCESS RAMPS - BLDGS. 1201 & 1301.
4. RELOCATE ALL UTILITY LINES (ELECTRICAL, TELEPHONE, STEAM, WATER/SEWER, FIRE ALARM, AND STORM SEWER).
5. PROVIDE A 19,800 SF PERMANENT-TYPE WAREHOUSE ADDITION WITH PILE FOUNDATION, CONCRETE SLAB ON COMPACTED FILL, REINFORCED CONCRETE COLUMNS ON SPREAD FOOTINGS, CONCRETE ROOF WITH BUILT-UP ROOFING, AND EXTERIOR STUCCO FINISH. THE ADDITION SHALL HAVE A MINIMUM CLEAR CEILING HEIGHT OF 21 FT.
6. RECONNECT STEAM LINES AND PROVIDE STEAM COIL UNITS (COMPLETE) TO NEW ADDITION.
7. RECONNECT ELECTRICAL AND PROVIDE LIGHTING (COMPLETE) FOR NEW ADDITION.
8. PROVIDE DEMOLITION AND INSTALLATION FOR THREE FIRE DOORS IN BLDG. 1201.
9. REMOVE EXISTING ASPHALT RAILROAD CROSSING AND PROVIDE CONCRETE CROSSING.
10. PROVIDE SPRINKLER SYSTEM FOR EXISTING WAREHOUSE SPACE (BLDG. 1201) AND NEW ADDITION.
11. INSTALL NEW PERSONNEL DOOR WITH STEPS AND ENTRANCE PLATFORM.



0 50 100  
SCALE 1 INCH=50 FT.

P. W. DRAWING NO. <b>14221</b>	MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	
DES BY: <b>V.M.</b>	COMMISSARY	
CHK	DISTRIBUTION	
SUPV	CENTER	
DIR DES: <b>ADKINS</b>		
APPROVED <i>[Signature]</i>	SUBMITTED	SCALE NOTED
PUBLIC WORKS OFFICER	COMMANDING GENERAL	SHEET OF
		Y U DWG NO.



DATE PREPARED: 22 Dec 1980

FROM: COMMANDING GENERAL, MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

TO: COMMANDANT OF THE MARINE CORPS (CODE LFF)

NOMENCLATURE Commissary	CATEGORY CODE 740-23	UNIT OF MEASURE SF
DETERMINATION OF REQUIREMENTS: <i>(If additional space is needed, use plain sheet of paper)</i>		SPECIFIC AREA Hadnot Point

A Main Commissary Store has been authorized for the Hadnot Point Area, and a Commissary Annex at Tarawa Terrace housing area (Basewide/Misc. Area). From NAVMC P-80, the following areas are derived:

	MAIN STORE	ANNEX STORE
Average Monthly Sales:	\$827,646	\$741,433
Gross Space Authorized:	73,500 SF	66,000 SF
Existing Space Utilized for Sales and Material Handling:	43,225 SF	39,219 SF

Requirements of a Commissary Distribution Center were established by CMC letter of 5 December 1980. Space requirements were determined by the Commissary-retained consulting firm "Management Horizon." The established requirements are:

Existing Storage:	32,400 SF
Proposed Storage:	32,400 SF (expansion of existing storage area--Bldg 1201)
New Addition:	19,800 SF
<b>TOTAL:</b>	<b>84,600 SF</b>

TOTAL REQUIREMENT FOR CATEGORY CODE

183,748 SF

MOBILIZATION STATEMENT

SIGNATURE: K. P. MILLICE, JR.  
 By direction

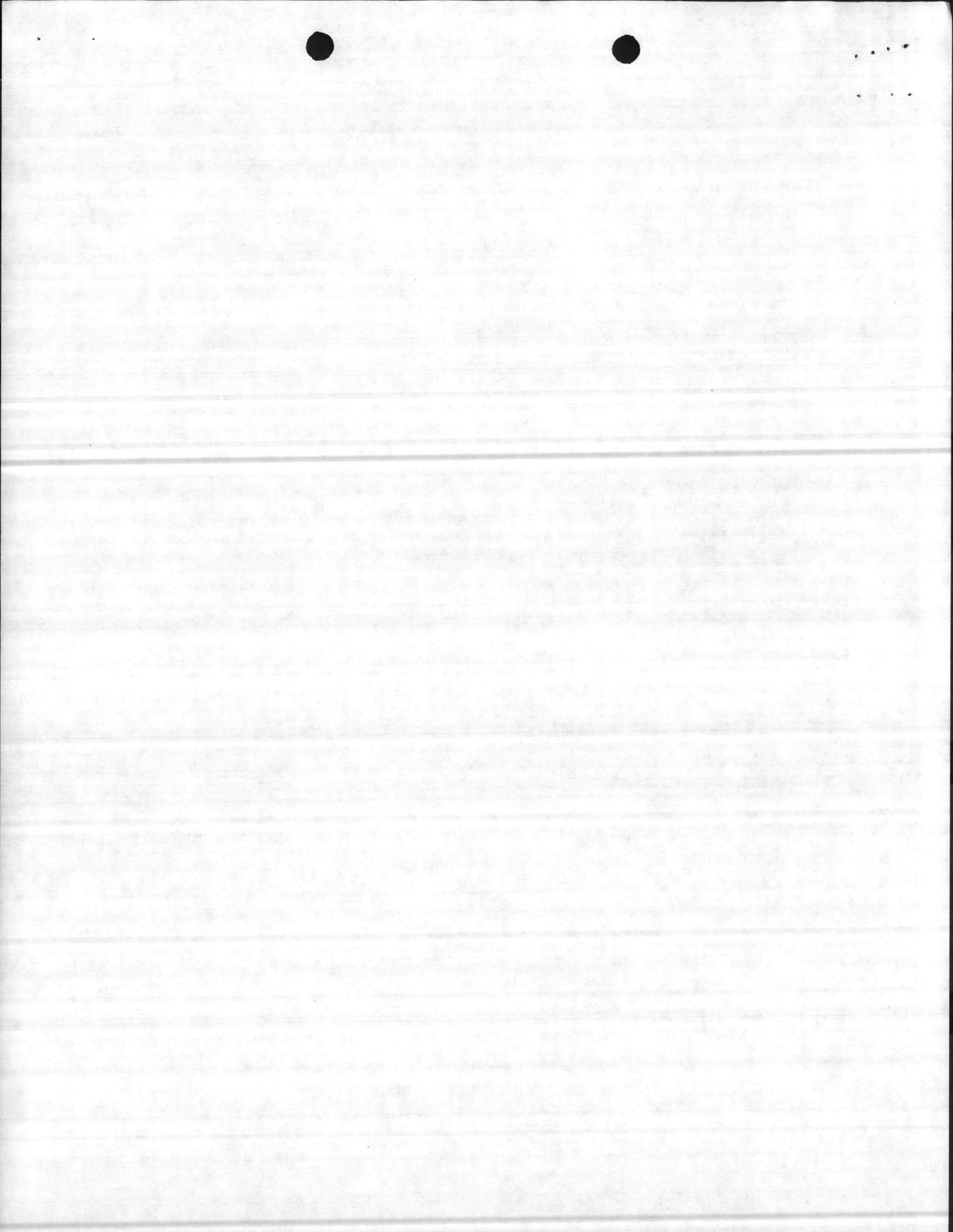
CMC REVIEW ACTION

EVALUATION:

DATE

ESTABLISHED REQUIREMENT

SIGNATURE: \_\_\_\_\_



Commissary  
Category Code 740-23  
Hadnot Point Area

22 Dec 1980

Total requirement for this category code:

Sales and Material Handling: 82,444 SF

Commissary Distribution Center: 84,600 SF

TOTAL: 167,044 SF

A 10% growth is expected within the next five years.

$(167,044 \text{ SF}) (1.10) = 183,748$

