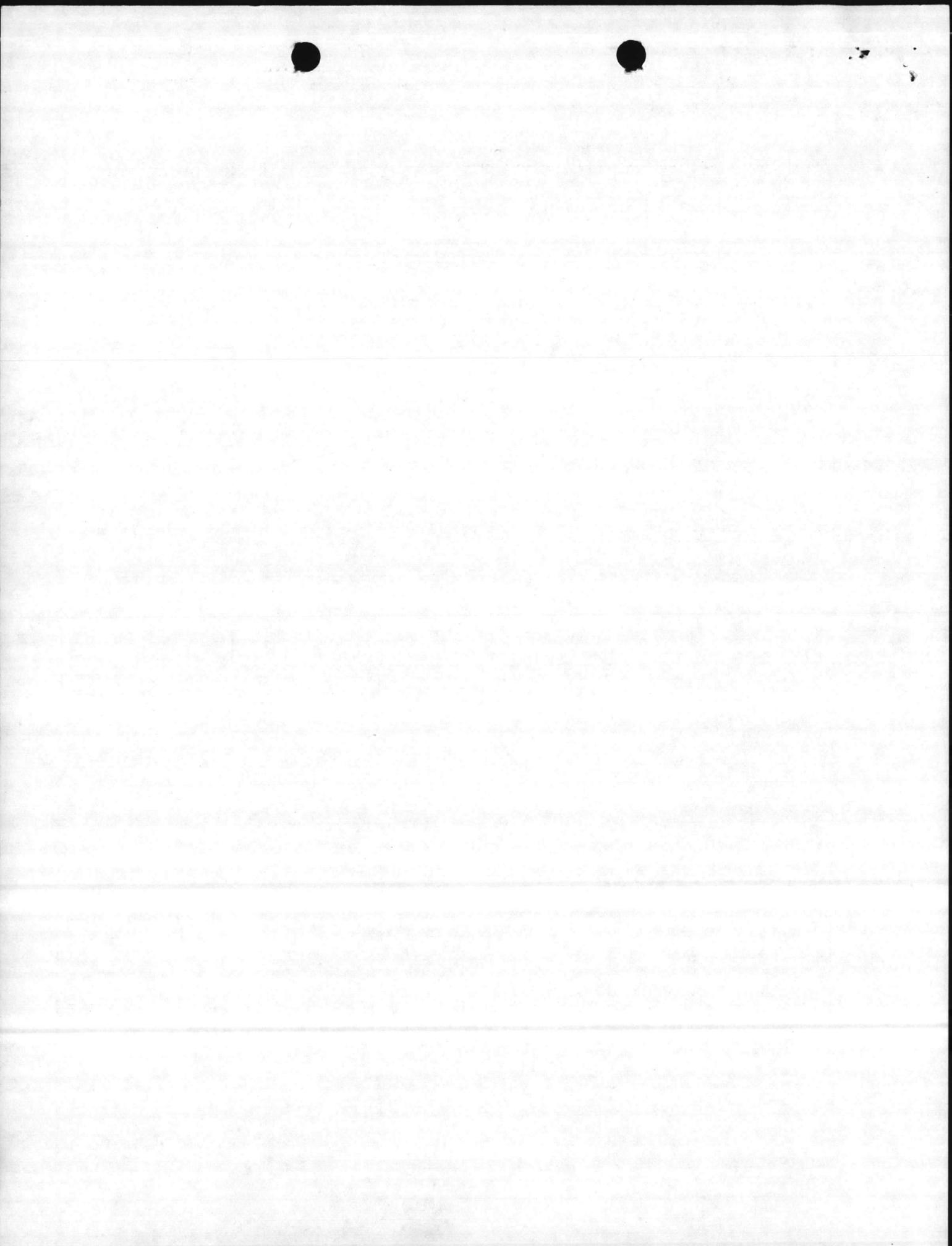


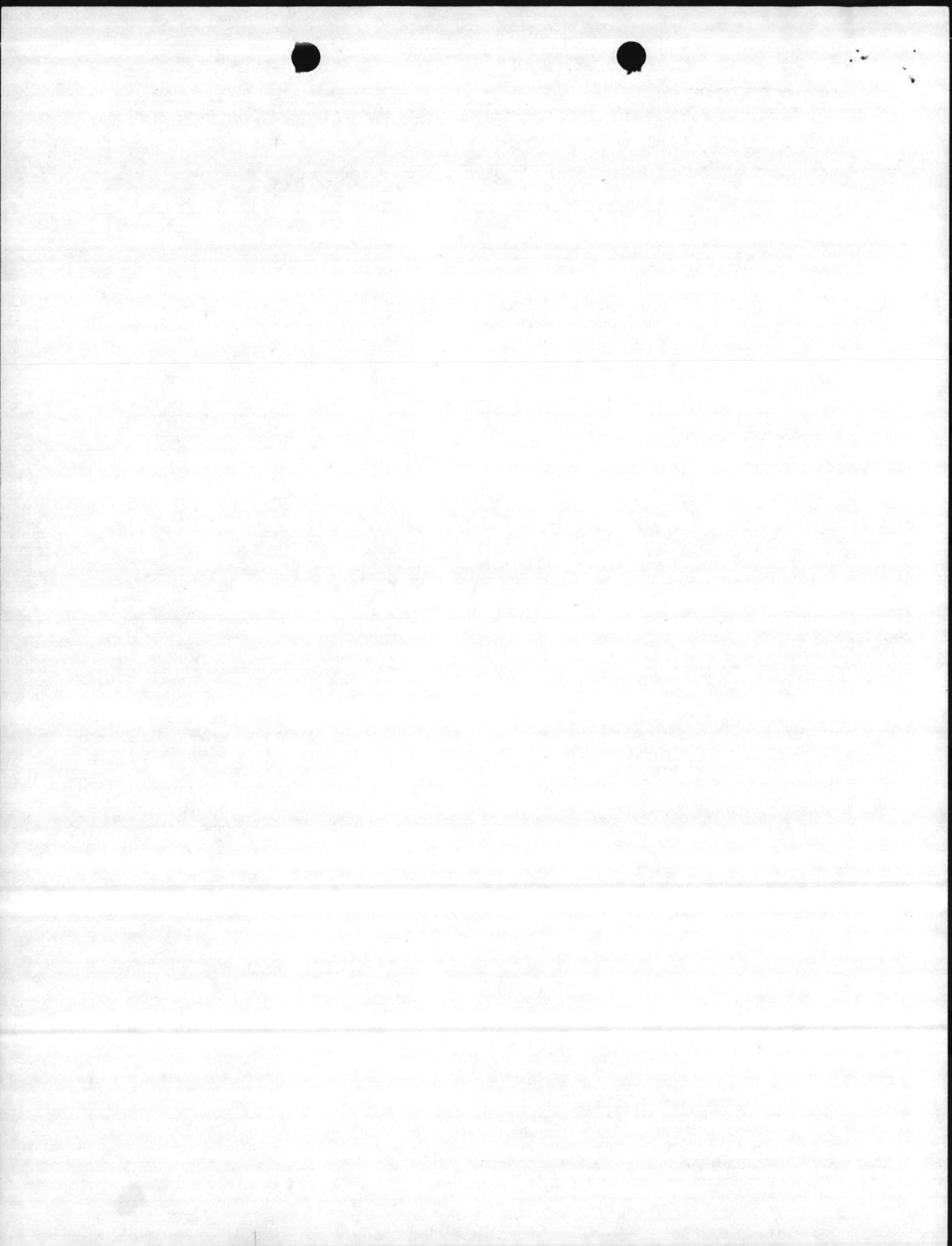
1. COMPONENT NAVY		FY 1979 MILITARY CONSTRUCTION PROJECT DATA MARINE CORPS FACILITIES PROJECTS PROGRAM		2. DATE 15 AUG 1978	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542			4. PROJECT TITLE REBUILD ELECTRICAL SUBSTATION, MCAS (H)		
5. PROGRAM ELEMENT		6. CATEGORY CODE 813-30	7. PROJECT NUMBER R-10-78		8. PROJECT COST (\$000) 184.0
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
REBUILD SUBSTATION		LS	-	-	167.4
DEMOLITION & REINSTALLATION		-	-	-	(39.5)
RPL RELAYS & OCB'S AND RECONNECTIONS		-	-	-	(65.2)
SITE RESTORATIONS		-	-	-	(12.2)
OVERHEAD - 15%		-	-	-	(17.6)
INS., TAXES, ETC. - 12% OF LABOR		-	-	-	(16.1)
PROFIT - 10%		-	-	-	(15.1)
BOND - 1.5%		-	-	-	( 1.7)
SUBTOTAL		LS	-	-	167.4
CONTINGENCIES - 10%		LS	-	-	16.7
ESTIMATED CONTRACT COST		LS	-	-	184.1
SUPERVISION, INSPECTION & OVERHEAD		-	-	-	-
TOTAL REQUEST (ROUNDED)		LS	-	-	184.0
INSTALLED EQUIP OTHER APPROPRIATIONS		-	-	-	-
10. DESCRIPTION OF PROPOSED CONSTRUCTION					
RELOCATE EXISTING STEEL SUBSTATION STRUCTURE (NOT UTILIZED) LOCATED NEAR BLDG. 45, MCB, TO EXISTING SUBSTATION SERVING CAMP GEIGER AND MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER. DEMOLISH OLD WOODEN STRUCTURE AND TRANSFER MAJOR COMPONENTS TO RELOCATED STEEL STRUCTURE.					
11. REQUIREMENTS					
<u>PROJECT:</u> REPLACE EXISTING DETERIORATED WOODEN STATION STRUCTURE WITH EXISTING RELOCATED STEEL STRUCTURE.					
<u>REQUIREMENT:</u> PROVIDE A RELIABLE ELECTRIC SUBSTATION.					
<u>CURRENT SITUATION:</u> THE CAMP GEIGER AND MARINE CORPS AIR STATION (H) SUBSTATION IS A DETERIORATED WOODEN STRUCTURE WHICH REQUIRES EXCESSIVE REPAIRS AND MAINTENANCE. EXTREMELY CROWDED CONDITIONS OF COMPONENTS AND INSUFFICIENT ISOLATION OF CIRCUITRY HAVE CREATED NUMEROUS CASES OF DAMAGE BY LIGHTNING CAUSING MAJOR POWER OUTAGES ON AND OFF BASE. FACILITIES FOR ISOLATING AND BYPASSING CIRCUITS ARE NON-EXISTENT.					
<u>IMPACT IF NOT PROVIDED:</u> CONTINUOUS POWER OUTAGES AND REPAIRS CAUSED BY LIGHTNING, EXCESSIVE MAINTENANCE WITH MISSION IMPAIRMENT WILL CONTINUE.					



1. COMPONENT NAVY	FY 1979 MILITARY CONSTRUCTION PROJECT DATA MARINE CORPS FACILITIES PROJECTS PROGRAM	2. DATE 15 AUG 1978
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE REBUILD ELECTRICAL SUBSTATION, MCAS(H)	5. PROJECT NUMBER R-10-78	

SPECIAL CONSIDERATIONS

1. POLLUTION PREVENTION, ABATEMENT, AND CONTROL. This project will not cause additional air or water pollution.
2. FLOOD HAZARDS. Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.



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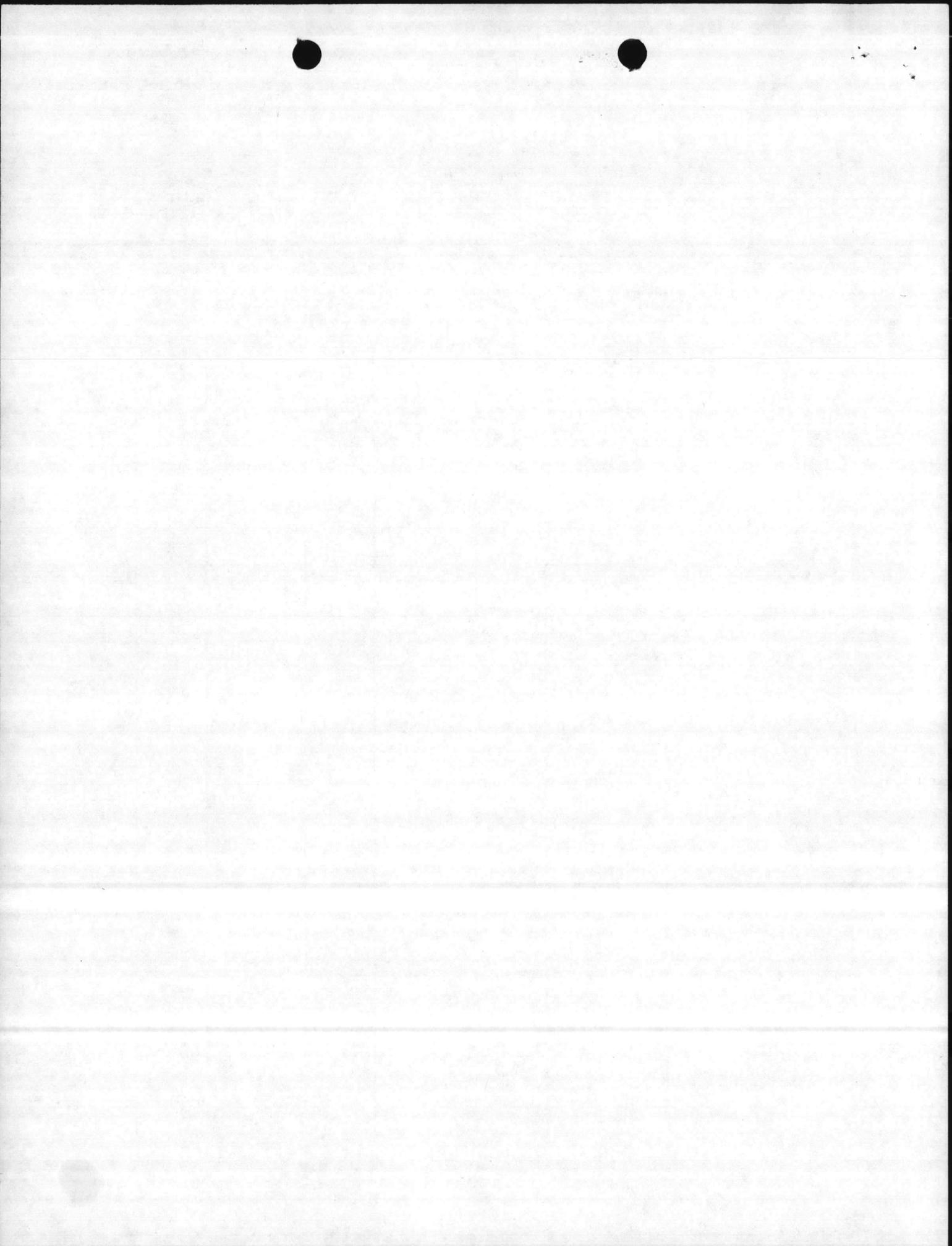
IDENTIFICATION NUMBER  
R-10-78

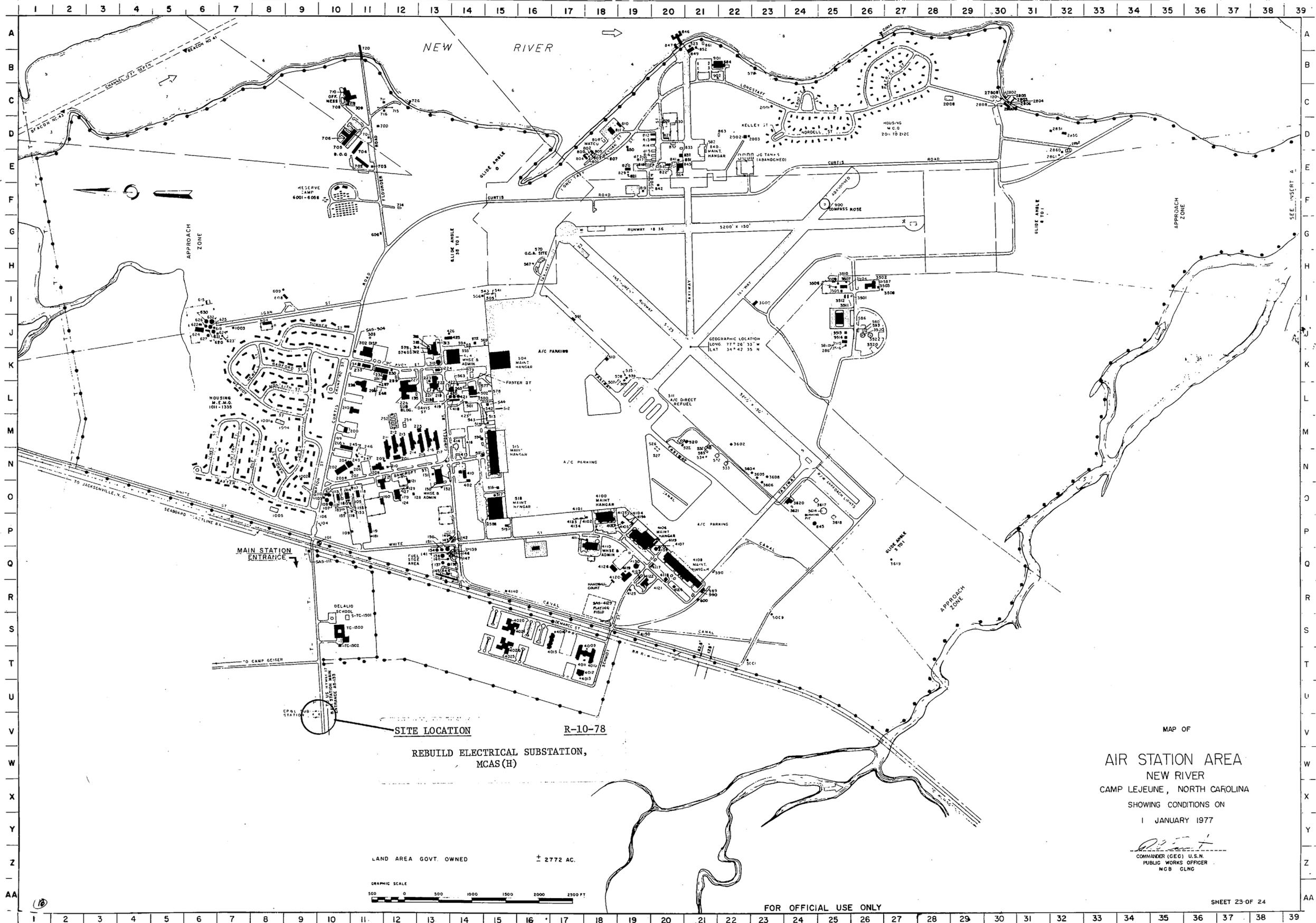
AREA OR NO 5TH ND	ACTIVITY MARINE CORPS BASE	LOCATION CAMP LEJEUNE, N. C.	CATEGORY CODE NUMBER 813- 30
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PROJECT (Or line item) TITLE

REBUILD ELECTRICAL SUBSTATION, MCAS(H)

ITEM (OR FEATURE) DESCRIPTION <i>(Abbreviate if necessary)</i>	QUANTITIES		MATERIAL COSTS		LABOR COSTS		ENGINEERING ESTIMATE	
	NO. OF UNITS	UNIT	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
1	2	3	4	5	6	7	8	9
Remove existing MCB sub-station steel & re-install at MCAS & Camp Geiger substation. Reinstall & wire		LS		25,000		14,500		39,500
Switch service from old station to steel unit. Provide new relays in existing OCB's & provide 1 new OCB.		LS		49,000		16,200		65,200
Remove old station, grade area, seed, etc. Cut new road		LS		5,000		7,200		12,200
SUBTOTALS				79,000		37,900		116,900
OVERHEAD - 15%								17,535
SUBTOTAL								134,435
INS., TAXES, ETC. - 12% LABOR								16,132
SUBTOTAL								150,567
PROFIT - 10%								15,057
SUBTOTAL								165,624
BOND - 1.5%								1,739
SUBTOTAL								167,363
CONTINGENCY - 10%								16,736
ESTIMATED PROJECT COST								184,099
							SAY	184,000





R-10-78  
 REBUILD ELECTRICAL SUBSTATION,  
 MCAS(H)

MAP OF  
 AIR STATION AREA  
 NEW RIVER  
 CAMP LEJEUNE, NORTH CAROLINA  
 SHOWING CONDITIONS ON  
 1 JANUARY 1977

COMMANDER (CEC) U.S.N.  
 PUBLIC WORKS OFFICER  
 MCB CLNC

LAND AREA GOVT. OWNED ± 2772 AC.



FOR OFFICIAL USE ONLY

SHEET 23 OF 24

