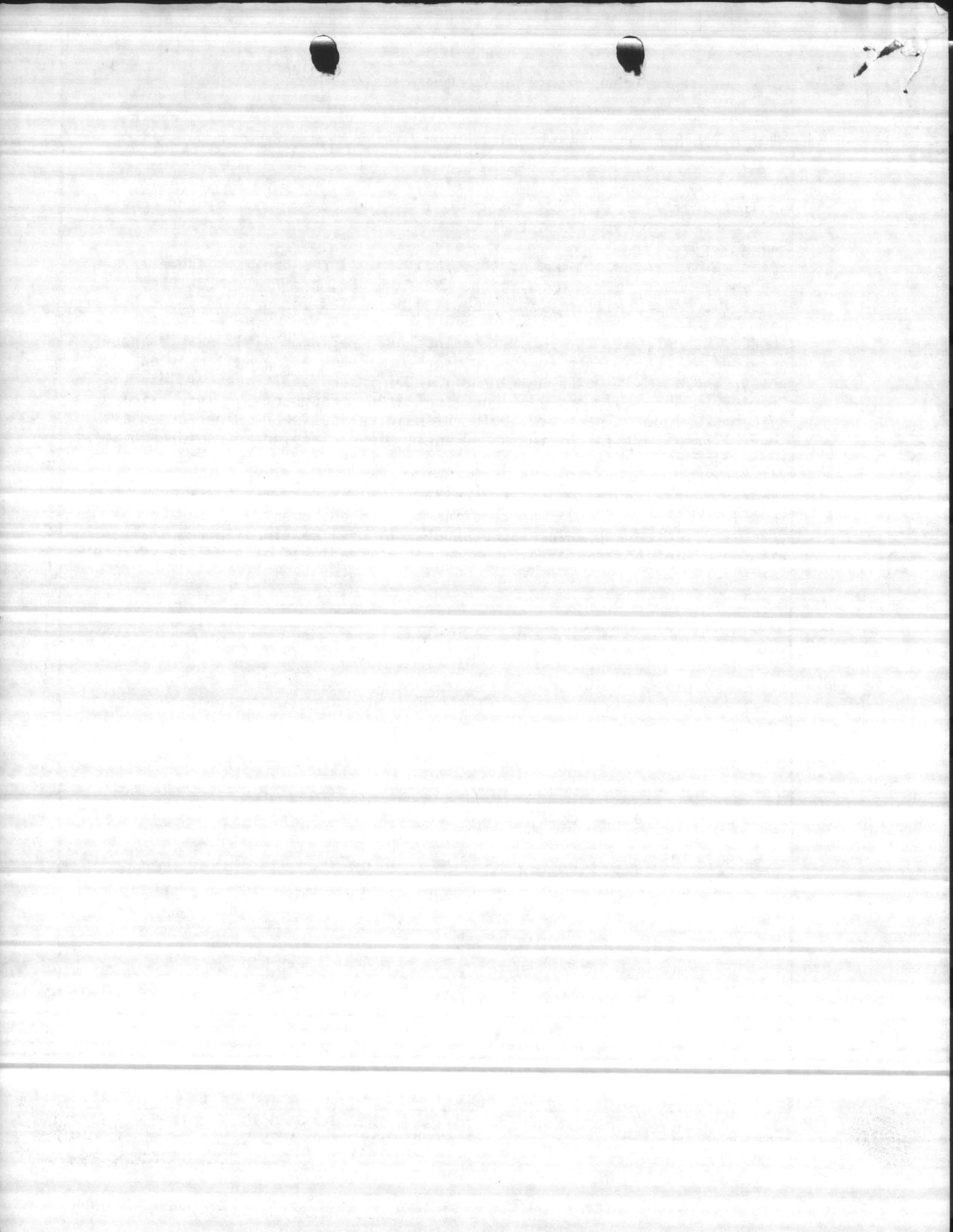


1. COMPONENT MARINE CORPS		FY 19 <u>91</u> MILITARY CONSTRUCTION PROJECT DATA				2. DATE 16 Oct 86	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542			4. PROJECT TITLE FIELD MAINTENANCE COMPLEX (INCREMENT #4)				
5. PROGRAM ELEMENT		6. CATEGORY CODE 214-53	7. PROJECT NUMBER P-805		8. PROJECT COST (\$000) 10,600 11,400		
ESCALATED TO FY-90		9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)		
FIELD MAINTENANCE SHOP		SF	110,000	-	9,700	8,940	
Building-Craneway		SF	110,000	62.53	(7,989)	(6,879)	
Built-In Equipment		LS	-	-	(1,592)	(1,946)	
OMSI		LS	-	-	(119)	(115)	
SUPPORTING FACILITIES		LS	-	-	680	712	
Special Construction Features		LS	-	-	(175)		
Site Improvements		LS	-	-	(125)		
Pavements		SY	3,550	17.25	(61)		
Security Fencing and Lighting		LS	-	-	(95)	(85)	
Utility Connections		LS	-	-	(224)	(266)	
SUBTOTAL					10,380	9,652	
CONTINGENCY - 5%					519	483	
ESTIMATED CONSTRUCTION COST					10,899	10,135	
SUPERVISION, INSPECTION AND OVERHEAD - 5.5%					599	557	
TOTAL REQUEST					11,408	10,692	
TOTAL REQUEST (ROUNDED)					11,400	10,600	
EQUIPMENT INSTALLED BY OTHER APPROPRIATIONS		-	- (NON-ADD)		-		
10. DESCRIPTION OF PROPOSED CONSTRUCTION							
Construct permanent shop and craneway with reinforced concrete foundation, concrete floors, masonry walls, built-up roof and structural steel frame. Interior support systems include air conditioning, steam, compressed air, lube dispensing, waste oil collection, engine exhaust system, overhead bridge cranes, jib cranes, twin post hydraulic lifts and heating. Exterior support facilities includes concrete hardstand, bituminous parking, area lighting, security fencing site work and utility connections.							
II. REQUIREMENT: <u>448,840 SF</u> Adequate: <u>0 SF</u> Substandard: <u>165,448 SF</u>							
PROJECT: Construct the fourth increment (110,000 SF) of a 442,600 SF Consolidated Field Maintenance Facility (3rd and 4th echelon maintenance) for 2nd Maintenance Bn., 2nd FSSG to maintain and repair all East Coast Fleet Marine Force ground equipment. This includes wheel and track vehicles (tanks, light armored vehicles, trucks, etc.), ordinance repair (artillery and tank weaponry), heavy equipment (bulldozers, cranes, etc.) and communications/electronics equipment. Facility will have paved track vehicle trails for access and/or egress.							
REQUIREMENT: The 2nd Maintenance Bn. has the requirement to perform field maintenance for all East Coast ground equipment; this includes the 2nd Marine Division and 2nd FSSG located at Camp Lejeune, NC and the 2nd Marine Air Wing with elements located in three areas; Cherry Point, NC, New River, NC and Beaufort, SC. The total requirement for this facility is 442,600 SF This fourth increment provides adequate facilities for the Heavy Equipment							

178
(112) 13.0
177
(111) 12.0
176

(175)
(174)
173
172
171
170

1. COMPONENT MARINE CORPS	FY 19 <u>91</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 16 Oct 86
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE FIELD MAINTENANCE COMPLEX (INCREMENT #4)	5. PROJECT NUMBER P-805	
<p>REQUIREMENT: (Cont'd) Field Maintenance portions of this facility. Three previous increments are presently under development in the FY-87, FY-88, and FY-90 MCON Programs. These increments will provide adequate facilities for Artillery and Ordnance Communications/Electronics and Motor Transport Field Maintenance.</p> <p>CURRENT SITUATION: The 2nd Maintenance Bn. performs field maintenance in only 165,448 SF of area in four converted warehouses, a WWII maintenance depot, and a small metal butler building. These facilities (Buildings 900, 901, 902, 905, 1607, and 1771) are scattered throughout the Industrial Area of Camp Lejeune. The Heavy Equipment maintenance is being performed at several areas within the indicated facilities. Staging areas for equipment to be repaired are also scattered throughout the Industrial Area. Scattering of and makeshift substitute work spaces cause cumbersome and uncoordinated work efforts severely hampering the mission of this Battalion.</p> <p>IMPACT IF NOT PROVIDED: The deadline time on equipment will remain adversely affected and maintenance capability will continue to be impaired with resulting adverse affect on the combat readiness of the Fleet Marine Force.</p>		



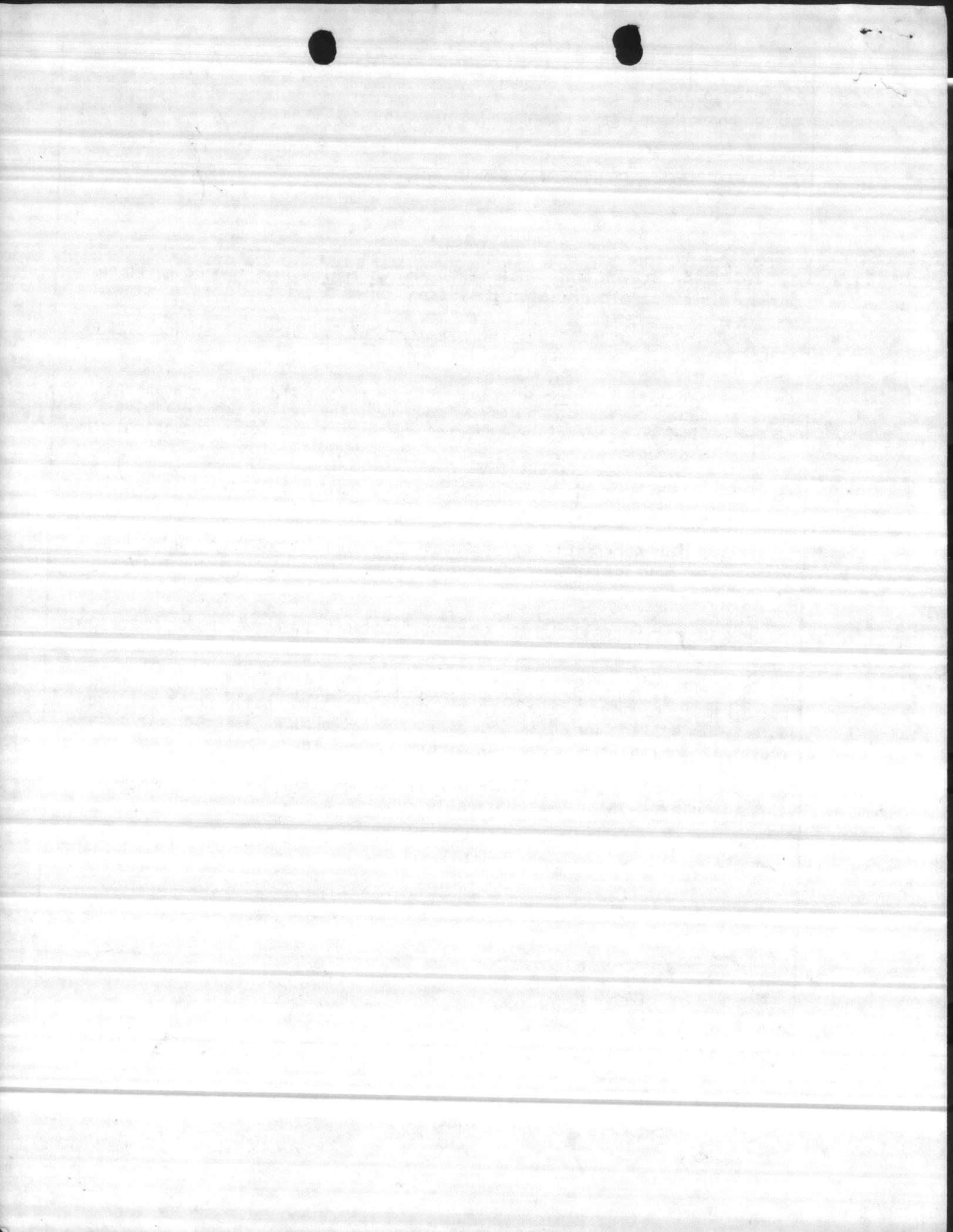
1. COMPONENT MARINE CORPS	FY 1990 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 16 Oct 86
------------------------------	--	----------------------

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

4. PROJECT TITLE FIELD MAINTENANCE COMPLEX (INCREMENT #4)	5. PROJECT NUMBER P-805
--	----------------------------

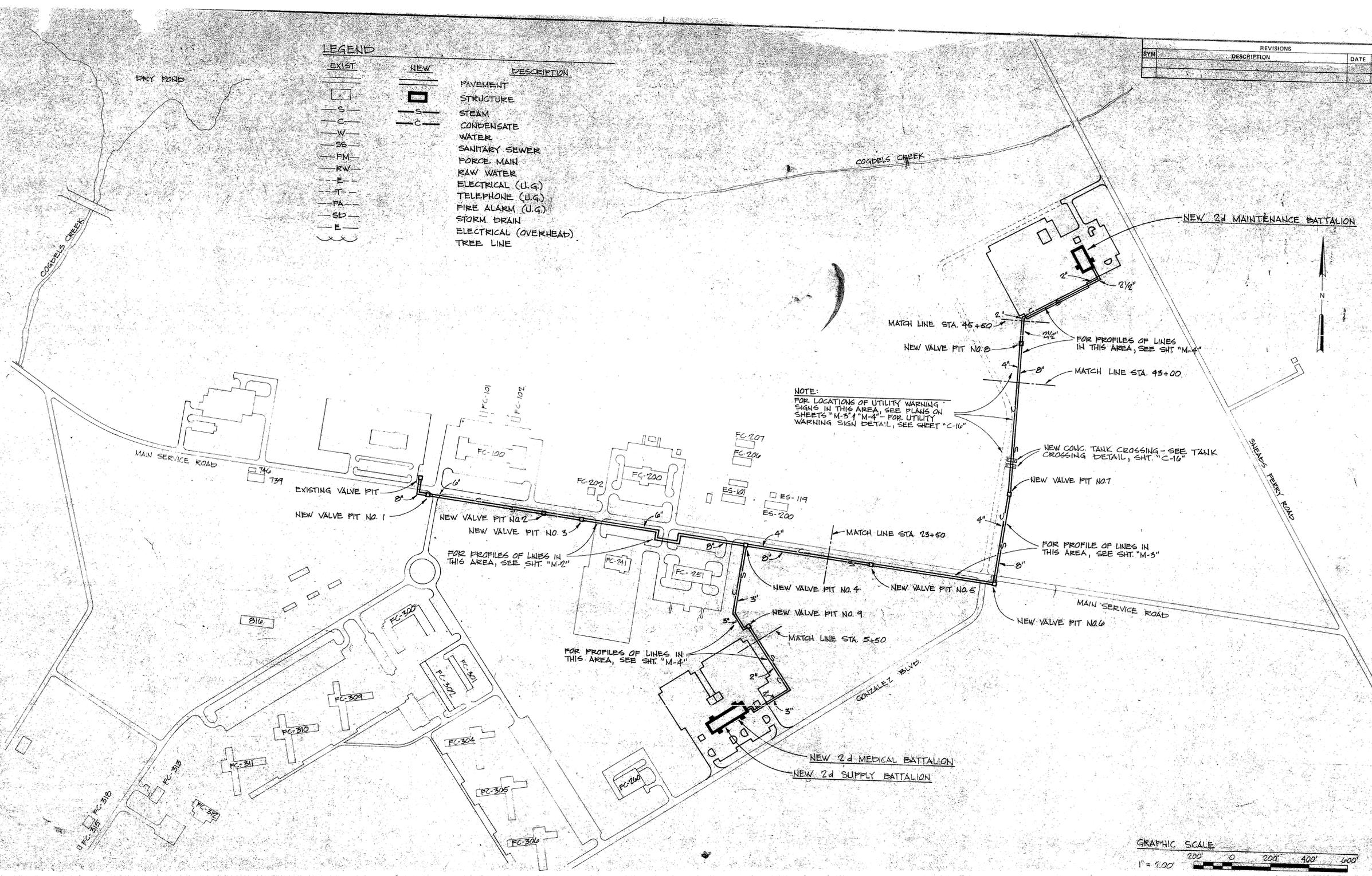
SPECIAL CONSIDERATIONS

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 this project.
5. Design for Accessibility of Physically Handicapped Personnel: Provisions for physically handicapped personnel are not required in this project.
6. Use of Air Conditioning: Ceiling "U" factors will be made to conform with DOD 4270.1-M.
7. Preservation of Historical Sites and Structures: This project does not directly or indirectly affect a district, site, building, structure, object, or setting which is listed in the National Register or otherwise possesses a significant quality of American history.
8. "New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76): Not applicable.

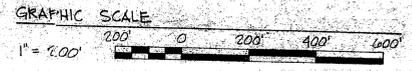


EXIST	NEW	DESCRIPTION
		PAVEMENT
		STRUCTURE
		STEAM
		CONDENSATE
		WATER
		SANITARY SEWER
		FORCE MAIN
		RAW WATER
		ELECTRICAL (U.G.)
		TELEPHONE (U.G.)
		FIRE ALARM (U.G.)
		STORM DRAIN
		ELECTRICAL (OVERHEAD)
		TREE LINE

SYM	REVISIONS	DATE	APPROVED



NOTE:
FOR LOCATIONS OF UTILITY WARNING SIGNS IN THIS AREA, SEE PLANS ON SHEETS "M-3" & "M-4" - FOR UTILITY WARNING SIGN DETAIL, SEE SHEET "C-16"



- GENERAL NOTES - STEAM DISTRIBUTION:**
- SEE SHEETS "M-1" THRU "M-6" FOR STEAM & CONDENSATE PLANS & PROFILES; SEE SHEETS "M-7" THRU "M-9" FOR STEAM & CONDENSATE VALVE PIT DETAILS.
 - SEE SPECIFICATION SECTION "0231" FOR STEAM & CONDENSATE CROSSING OF PAVEMENTS.
 - LOCATIONS OF EXIST & NEW UTILITIES TO BE CONSTRUCTED AS SHOWN ON PLANS & PROFILES ARE APPROXIMATE. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF STEAM & CONDENSATE DISTRIBUTION WITH ALL OTHER UTILITIES, BUILDINGS, STREETS, DRIVES & WALKS.
 - ALL PUMP PUMPS IN NEW VALVE PITS SHALL BE 200 VOLT, 60 CYCLE & SINGLE PHASE AND CAPABLE OF DELIVERING 10 GPM AT 25 FT. HEAD.

		M-1	
DELTA ENGINEERING, INC. CONSULTANT P.O. BOX 9354 GREENVILLE, S.C. 29604 PHONE (803) 271-7200		DEPARTMENT OF THE NAVY - NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA	
DESIGNED BY: [Signature] DRAWN BY: [Signature] CHECKED BY: [Signature] DATE: 30 MAR 84		MCB CAMP LEJEUNE, N. C.	
OFFICER IN CHARGE: [Signature] APPROVED: [Signature] FOR EPD FOR COMMANDER, NAVY FAC		COMBAT VEHICLE MAINTENANCE SHOPS STEAM DISTRIBUTION PLAN	
SCALE: AS SHOWN SPEC. 05-81-1039		NAVFAC DRAWING NO. 4108311	
SHEET 65 OF 101		EPD DWG NO. 208311	

