OPNAV 5216/144A (Rev. 8-81)
S/N 0107-LF-052-2320

DEPARTMENT OF THE NAVY

Memorandum

6280/5
FAC

04 408 Discuss with A-E

Gene
Larry
Fred

DATE: 16 JUL 1986

FROM: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune

TO: Public Works Officer

SUBJ: P-806, LAV MAINTENANCE SHOP: WATER QUALITY CERTIFICATION FOR PERMIT TO PLACE FILL IN WETLANDS, DESIGN CONTRACT #84-4142

Encl: (1) NC Div of Envir Mgmt ltr dtd 10 Jun 86

1. We are providing the enclosure for your use in this project. This certification is required prior to issuance of the U.S. Corps of Engineers permit, which usually is issued 4-6 weeks following State action.

2. Request you examine the project plans and specifications and advise Mr. Alexander of any problems in meeting the conditions of certification.

BW Elton
for T. J. DALZELL

Copy to:
LANTDIV (CODE O9P)
NREAD
EnvEngr

☆U.S. GOVERNMENT PRINTING OFFICE: 1985 — 505-012/18049

State of North Carolina
Department of Natural Resources and Community Development
Division of Environmental Management
512 North Salisbury Street • Raleigh, North Carolina 27611

James G. Martin, Governor
S. Thomas Rhodes, Secretary

R. Paul Wilms
Director

June 10, 1986

Col. R. A. Tiebout
Asst. Chief of Staff
U.S. Marine Corps
Camp LeJeune, NC 28542

Subject: Certification Pursuant to Section 401 of the Federal Clean Water Act, Proposed Fill for LAV Maintenance Shop U.S. Marine Corps Cogdell Creek Onslow County

Dear Col. Tiebout:

Attached hereto are two (2) copies of Certification No. 1929 issued to U.S. Marine Corps dated June 10, 1986.

If we can be of further assistance, do not hesitate to contact us.

Sincerely yours,

for R. Paul Wilms

cc: Wilmington District Corps of Engineers
Wilmington Regional Office
Mr. William Mills
Mr. David Owens

Enclosure (1)

NORTH CAROLINA
Onslow County

CERTIFICATION

THIS CERTIFICATION is issued in conformity with the requirements of Section 401 Public Laws 92-500 and 95-217 of the United States and subject to the North Carolina Division of Environmental Management Regulations in 15 NCAC 2H, Section .0500 to U. S. Marine Corps pursuant to an application filed on the 10th day of June, 1986 to place fill in an area for construction of a maintenance shop.

The Application provides adequate assurance that the discharge of fill material into a wetlands area adjacent to the waters of Cogdell Creek in conjunction with the proposed maintenance shop in Onslow County will not result in a violation of applicable Water Quality Standards and discharge guidelines. Therefore, the State of North Carolina certifies that this activity will not violate Sections 301, 302, 303, 306, 307 of PL 92-500 and PL 95-217 if conducted in accordance with the application and conditions hereinafter set forth.

Condition(s) of Certification:

1. That the activity be conducted in such a manner as to prevent significant increase in turbidity outside the area of construction or construction related discharge (increases such that the turbidity in the Stream is 25 NTU's or less are not considered significant).

2. That fill materials originate from a clean upland source, free of any toxic materials.

3. That silt fences be installed around the project and maintained until slopes have been stabilized.

4. That earthen embankments shall be stabilized with vegetative cover immediately after completion.

Violations of any condition herein set forth shall result in revocation of this Certification.

This Certification shall become null and void unless the above conditions are made conditions of the Federal Permit.

This the 10th day of June, 1986.

DIVISION OF ENVIRONMENTAL MANAGEMENT

for William C Mills

R. Paul Wilms, Director

WQC# 1929

NORTH CAROLINA
Onslow County

CERTIFICATION

THIS CERTIFICATION is issued in conformity with the requirements of Section 401 Public Laws 92-500 and 95-217 of the United States and subject to the North Carolina Division of Environmental Management Regulations in 15 NCAC 2H, Section .0500 to U. S. Marine Corps pursuant to an application filed on the 10th day of June, 1986 to place fill in an area for construction of a maintenance shop.

The Application provides adequate assurance that the discharge of fill material into a wetlands area adjacent to the waters of Cogdell Creek in conjunction with the proposed maintenance shop in Onslow County will not result in a violation of applicable Water Quality Standards and discharge guidelines. Therefore, the State of North Carolina certifies that this activity will not violate Sections 301, 302, 303, 306, 307 of PL 92-500 and PL 95-217 if conducted in accordance with the application and conditions hereinafter set forth.

Condition(s) of Certification:

1. That the activity be conducted in such a manner as to prevent significant increase in turbidity outside the area of construction or construction related discharge (increases such that the turbidity in the Stream is 25 NTU's or less are not considered significant).

2. That fill materials originate from a clean upland source, free of any toxic materials.

3. That silt fences be installed around the project and maintained until slopes have been stabilized.

4. That earthen embankments shall be stabilized with vegetative cover immediately after completion.

Violations of any condition herein set forth shall result in revocation of this Certification.

This Certification shall become null and void unless the above conditions are made conditions of the Federal Permit.

This the 10th day of June, 1986.

DIVISION OF ENVIRONMENTAL MANAGEMENT

for William C. Mills
R. Paul Wilms, Director

WQC# 1929

xtra copy.

NORTH CAROLINA
Onslow County

CERTIFICATION

THIS CERTIFICATION is issued in conformity with the requirements of Section 401 Public Laws 92-500 and 95-217 of the United States and subject to the North Carolina Division of Environmental Management Regulations in 15 NCAC 2B, Section .0500 to U.S. Marine Corps pursuant to an application filed on the 10th day of June, 1982 to place fill in an area for construction of a maintenance shop.

The Application provides adequate assurance that the discharge of fill material into a wetlands area adjacent to the waters of Goodall Creek in conjunction with the proposed maintenance shop in Onslow County will not result in a violation of applicable Water Quality Standards and discharge guidelines. Therefore, the State of North Carolina certifies that this activity will not violate Sections 301, 302, 303, 306, 307 of 92-500 and 91 95-217 if conducted in accordance with the application and conditions hereinafter set forth.

Condition(s) of Certification:

1. That the activity be conducted in such a manner as to prevent significant increases in turbidity outside the area of construction or continuing related discharge (increases such that the turbidity in the Stream is 25 NTU's or less are not considered significant).

2. That fill materials originate from a clean upland source, free of any toxic materials.

3. That silt fences be installed around the project and maintained until slopes have been stabilized.

4. That earthen embankments shall be stabilized with vegetative cover immediately after completion.

Violations of any condition herein set forth shall result in revocation of this Certification.

This Certification shall become null and void unless the above conditions are made conditions of the Federal Permit.

This the 10th day of June, 1986.

DIVISION OF ENVIRONMENTAL MANAGEMENT

Paul Wilms, Director

WQCA 1023

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 6 Feb 86

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
1. BUILT-IN EQUIPMENT TO BE MCON FUNDED:					
	* Compressed Air Station		Ea		
	* Sprinkler System		Sys		
	* Telephone System		Sys		
	* Fire Alarm System		Sys		
	* Intercom System		Sys		
	* Drinking water coolers	10	Ea		
	* Lockers	900	Ea		
	* Locker Room benches, 6'lg.		Ea		
	* Toilet partitions		Ea		
	* Chalk and Tack boards		Ea		
	* Air hose reel, 150 PSI, HD w/hose stop (ceiling wall,or pedestal mounted)		Ea		
	* Electrical extension cord reel HD, w/cord stop (ceiling, wall or pedestal mounted)120V, 1 phase		Ea		
	* Water hose reel, HD, w/hose control valve & hose stop (ceiling, wall or pedestal mounted)				
	* Hose reels assembly, w/control valves, HD, overhead, automatic hose stops & meters, 150 PSI, comp air, 1 chassis lube, 1 hydraulic oil, 2 mtr oil, 1 gear oil, provide water separator		Ea		
	* Exhaust system, overhead, fractional HP, 220V, 3 phase		Ea		
	* Deluge Shower, w/eye wash, CW		Ea		
	* Acid Resistant Sink CW		Ea		
	* Exhaust Hood		Ea		
	* Lube Dispensing eqpt w/accessories (couplers, vlaves, regulators etc)		Ea		
	* Air pumps, 400 lb. drums for oil (chassis, gear, motor oil, transmission as required)		Ea		
	* Twin post pneumatic lift, HD 43,000 lb capacity, 150 PSI comp air		Ea		
	* Twin post pneumatic lift, HD 30,000 lb cap. 150 PSI comp air		Ea		
	10 ton overhead monorail bridge crane, 15HP, 208V, 3 phase 60 cycle, 120V power controls		Ea		
	* Built-in steam cleaning system		Sys		
	* Counter, dispatchers		Ea		

*Equipment with associated installation cost.

ENCL ( )

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 6 Feb 86

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
2. EXPENSE ITEMS					
7110-00-C00-0387	Chair, rotary, executive w/arms	8	ea	543.00	4,344
7110-00-149-1631	Desk double ped, flat top	7	ea	245.74	1,720
7110-00-149-1630	Desk, double ped, flat top	36	ea	234.23	8,432
7110-00-149-1628	Desk, single ped, flat top	30	ea	180.09	5,402
7110-01-015-1361	Desk, flat top 60"x30"	16	ea	199.44	3,191
7110-01-016-7147	Desk attachment, gen'l clerical	16	ea	132.93	2,127
7110-00-082-6231	Chair rotary w/arms	51	ea	87.45	4,460
7110-00-958-8044	Chair, rotary w/arms	44	ea	64.60	2,842
7110-00-602-0322	Chair, straight, w/arms	12	ea	90.00	1,080
7110-00-497-2506	Cabinet, filing	25	ea	135.49	3,387
7125-00-764-6141	Cabinet, storage	58	ea	132.70	7,697
7110-00-151-6485	Stand, office machine	8	ea	90.00	720
7430-01-023-0678	IBM Typewriter	9	ea	567.00	5,103
7110-00-601-9822	Bookcase, 48" overall 2 adj shelves	49	ea	82.92	4,063
7125-00-285-3049	Key locker, 96 key	14	ea	34.00	476
7195-00-004-6716	Rack, wearing apparel	17	ea	45.00	765
7520-00-285-5416	Wastebasket	71	ea	2.85	202
6645-00-530-3342	Clock, wall	27	ea	8.20	221
7110-00-634-8596	Stool w/back	61	ea	30.56	1,864
6730-00-116-1618	Viewer, Microfiche	10	ea	124.57	1,246
7460-01-071-3680	Stand, rotary, microfiche	15	ea	80.04	1,201
7460-01-049-6381	Panels, microfiche	800	ea	3.46	2,768
3415-00-517-7754	Grinder	8	ea	100.93	807
4910-00-205-3046	Work bench	2	ea	392.04	784

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 6 Feb 86

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
2. EXPENSE ITEMS (cont'd)					
7420-01-016-7752	Calculator	3	ea	165.17	496
7910-00-680-8296	Buffer	3	ea	185.44	556
7195-00-242-3503	Costumer, wearing apparel 4 dbl hooks	2	ea	55.00	110
7125-00-270-7722	Bin storage 17 adj shelves	5	ea	235.90	1,180
4110-00-029-0392	Refrigerator, compact	1	ea	263.00	263
3415-00-517-1050	Grinding machine, drill	1	ea	1,374.44	1,374
7110-00-113-0454	Table, office	9	ea	110.04	990
7110-00-497-1829	File cabinet, legal	6	ea	150.50	903
7110-00-149-1659	Credenza, style A, parchment	3	ea	340.39	1,021
5120-00-756-1418	Anvil	2	ea	264.00	528
7110-00-634-9618	Stool	3	ea	39.30	118
5120-00-293-0110	Vise bench	2	ea	460.00	920
7125-01-084-6954	Paint locker	2	ea	500.00	1,000
4110-00-879-0006	Refrigerator	3	ea	100.00	300
7125-01-084-6955	Cabinet, flammable storage	4	ea	419.02	1,676
7125-00-062-7894	Parts bin 72"x36"x18"	6	ea	348.42	2,091
7220-00-267-4630	Rubber matting	75	yd	7.60	570
7105-99-005-0006	End table	2	ea	104.00	208
7105-99-005-0004	Coffee table	2	ea	56.50	113
GSA	Safe, 2 drawer GSA approved	2	ea	approx 350.00	700
4940-00-449-6689	Degreaser	9	ea	939.00	8,451
3415-00-517-7754	Grinder, utility	1	ea	104.63	105
7115-99-005-0003	Sofa	1	ea	285.00	285

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 6 Feb 86

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P NO P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
2. EXPENSE ITEMS (cont'd)					
McMaster Carr Supply Co New Brunswick, NJ	Auto scrubber #7260T21	4	ea	2,020.40	8,082
	Battery charging stand #7239K1	3	ea	234.08	703
	Battery charger #7047K5	3	ea	416.44	1,249
	Drill press #2774A81	1	ea	1,407.46	1,407
	Band saw #3981A21	1	ea	1,735.00	1,735
Jet Co, Bernard, MD CK-38	Clamping set	1	se	59.95	60
McMaster Carr	Hand operated slip roll machine #2438A32	1	ea	1,414.49	1,414
"	Heavy duty automatic dehumidifiers #2176K21 650 watts	4	ea	352.50	1,410
"	Ribbed top steel pallet #8748T2 42x48	5	ea	113.33	567
	Cage for above steel pallet	5	ea	approx 100.00	500
"	Bench, Maint w/115VAC, 60 HZ 72x30x36 #9088T14 pg 151	5	ea	393.49	1,967
"	Bench, Maint w/115VAC, 60 HZ 96x30x36 pg 151	4	ea	430.43	1,722
	Deluxe steel top workbench 20 guage steel top formed down 1½" & under 1" 96x36x35"H #4754T83 pg 147	1	ea	507.50	508
VIRCO	Student chairs model 7020 #485-6, Navy Blue	120	ea	30.35	3,642
Walter M. Ballard Co. 7705 Georgia Ave. NW Washington, DC (202)829-1181	Three tier racks: (Lyon metal parts) #7501 48"Wx16½"Dx84"H	8	ea	66.55	532
	#7531 84"H upright assembly	8	ea	20.65	165
4910-00-190-5235	Tire Tube Leak Detector (Tank testing tire and tube S/S B-14	1	ea	849.00	849

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 6 Feb 86

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
2. EXPENSE ITEMS (cont'd)					
Mc Master Carr Supply CO., New Brunswick, NJ	Work bench, deluxe steeltop 96"x36"x35 #4754T83, pg 147	1	ea	507.50	508
"	Metal brake, #2437A32	1	ea	2,794.40	2,795
"	Power metal sheer #3809A40	1	ea	2,373.69	2,374
"	Platform truck #9839T15	5	ea	318.18	1,591
"	Hydraulic platform truck #9838T44	3	ea	612.26	1,837
"	Safety cage, tire inflation #6738A14	3	ea	373.75	1,121
"	Self contained lectern #5198T21 pg 525	2	ea	416.67	833
"	Dry erase board, #5929T27 pg 621	2	ea	250.00	500
"	Tire cage #6738A16	2	ea	818.00	1,636
"	Bulletin Board 4'x6', #5768T6	32	ea	75.60	2,419
"	Vacuum cleaner #6389T14	7	ea	497.34	3,481
"	Dog set #3283A11 (½" - 3")	1	se	263.93	264
"	Dead center #3266A5	2	ea	25.60	51
"	Follower Rest #3369A26	1	ea	190.00	190
"	Metal shear, 1/8"x8' cap. #3809A40	1	ea	2,373.69	2,374
"	Metal brake (bender) 1/8"x8' cap #3427A32	1	ea	2,794.00	2,794
"	Diamond wheel dresser #4370A12A12	1	ea	64.34	64
"	Bead blaster 24"x19"x15" #3146K15	1	ea	456.30	456
"	Vacuum hose, #629T31	6	ea	109.42	657
"	Chalkboard #5929T27	1	ea	250.36	250

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 6 Feb 86

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
McMaster Carr Supply Co POB 440 New Brunswick, NJ 08903 Cat 90	Double modular work station Type E, 96"W, page 151 #4704T42	4	ea	1,577.33	6,309
"	Workbench 72"W x 36"D #4773T56 pg 147	40	ea	147.42	5,897
"	Industrial model 24V power supply #7054K14 pg 1285	3	ea	722.00	2,166
"	Hand Truck #2446T13, page 278	4	ea	88.26	353
"	Cylinder truck, 2626T4, pg 276	2	ea	238.64	477
"	File, rolling (ERO tub) #4959T33	5	ea	94.61	473
"	Platform ladder w/stand pg 917 #7995T5	2	ea	431.32	863
"	Workbench, laminated maple, top 34"H 34"H, #4756T35 pg 147	10	ea	619.29	6,190
"	Work lights, telescoping bench light, #1551K36, pg. 87	10	ea	163.09	1,631
"	Safe, fire resistant, #6483T12 page 123	1	ea	168.26	168
"	Rag bin, dual compartment #4002T1 pg 184	1	ea	161.00	161
"	Oily waste rag can #4074T44 pg 184	5	ea	40.77	204
"	Air hose, 25ft length 250 PSI 2 braid ¼x¼ pg 1176 #5304K61	5	ea	10.98	55
"	Air nozzle hoze pg 1201, #5451K32	5	ea	6.05	30
"	Milling table pg 1489, #3193A27	1	ea	455.77	456
"	Electrode oven 120C AC pg 1944 #8005A11	2	ea	564.32	1,129
"	Welding curtain pg 565, #5476T16 6' high	2	ea	155.28	311
"	Porta pure fume eliminator exhaust unit, pg 69 #2141K62	1	ea	649.51	650

COLLATERAL EQUIPMENT REQUIREMENT (Initial Outfitting)
5ND LANTDIV 4-11010/6 (NEW 2-79)

DATE 6 Feb 86

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
2. EXPENSE ITEMS (cont'd)					
4910-01-179-1040	Power pack stand	6	ea	514.00	3,084
McMaster Carr Supply Co	Long John heavy duty steel racks 84" overall height 24" deep #4670T41 for 3 tier battery shelf	2	ea	576.01	1,152
Fabricate	Lead Top Table	1	ea	500.00	500
	Total Expense Items				173,826

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 6 Feb 86

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
3. INVESTMENT ITEMS:					
Merrit Holland	300 AMP welder w/TIG Linde Co., Union Carbide Co. #305/A				
	#MH-305-IA MIG Welding Unit compatible to Basic Unit	1	ea	6,744.17	6,744
3610-01-091-9373	Copier	2	ea	5,335.00	10,670
Apex Machine Co. Columbia, SC	LeBlond 15" Regal Lathe w/following accessories	1	ea	12,900.00	12,900
	Taper attachment, 15-06	1	ea	1,185.00	1,185
	3 Jaw universal chuck #15-10	1	ea	885.00	885
	4 Jaw independant chuck #15-14	1	ea	940.00	940
	large faceplate, 14" #15-33	1	ea	215.00	215
	Collet set (1/16" - 7/8") #15-27	1	ea	195.00	195
	Collet Attachment #15-18	1	ea	600.00	600
	Tool Post #15-69	1	ea	165.00	165
	Live centers #15-52	2	ea	135.00	270
	Follower rest #15-41	1	ea	190.00	190
	Drill chuck 3/8"-1" #15-32	1	ea	190.00	190
	Micrometer stop #15-50	1	ea	185.00	185
	Steady rest #15-43	1	ea	290.00	290
Apex Machine Co	Peerless 5" Horizontal band saw #C-26	1	ea	3,495.00	3,495
	Lagun Comb. milling machine w/ following accessories	1	ea	26,630.00	26,630
	Rotary vice #122-1107	1	ea	350.00	350
	Collet set (1/8" -2")	1	se	125.00	125

model # mfg of item

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 6 Feb 86

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
3. INVESTMENT ITEMS (cont'd)					
Apex Machine Co Columbia SC	~~(under peerless 5" horizontal band saw)~~				
	Index head/w/footstock #177-1111	1	ea	1,250.00	1,250
	Wilton var speed drill press w/ tilt table #5816	1	ea	1,240.00	1,240
	Compound vice for drill press #1266N	1	ea	725.00	725
	Apex surface grinder, Challenger H6-18 w/accessories	1	ea	7,200.00	7,200
	Magnetic chuck #6-18	1	ea	915.00	915
	Crest heat treating furnace 18"x19"x18" #AE-1824	1	ea	7,880.00	7,880
	Kalamazoo 20" vertical band saw w/ accessories c/o #VS-20	1	ea	9,600.00	9,660
	Kalamazoo circle cutting attach. #V20-7700	1	ea	110.00	110
	Band filing attachment #V20-7900	1	ea	275.00	275
	Miter attachment #V20-7400	1	ea	295.00	295
4910-00-675-1478	Mounter/Demounter (Tire machine auto changer) pneumatic tire, floor mounted, power capacity range 7-15 through 14-24, Motor elect. 2HP capacitor type 60HZ, 230V, 12.6 amp requires 30 amp circuit breaker Installation req'd 11 ft diameter working space. Non-definitive Spec/Std data type 3, RN difference capacity differentiated by tire type and size range, Part #931A	1	ea	3,164.00	3,164
	Total Investment Items				98,938

COLLATERAL EQUIPMENT REQUIREME[illegible]nitial Outfitting)
5ND LANTDIV 4-11010/6 (NEW 2-79)

DATE 6 Feb 86

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
4. APA EQUIPMENT:	None				
5. TRAINING EQPT:	(To be locally funded)				
NSN 6730-00-423-0002	Projector, movie, Bell & Howell 16mm, real sound, Tungsten Halogen 1.2" lens focal length part number 2585ml	1	ea	467.54	468
GS-03S-81003	Projector, overhead, specialist Model 389B	1	ea	203.00	203
DA-LITE Screen Co. 3100 State Road Box 137 Warsaw, IN 46580 (219) 267-8101	Screen, movie, picture king 84'X 84" glass beaded	1	ea	126.42	126
	Total Training Eqpt.				797
	ESTIMATED BOD IS OCTOBER 1987				

ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR INFORMATION SHEET
OPNAV 5216/158 (Rev. 7-78)
SN 0107-LF-052-1691
A WINDOW ENVELOPE MAY BE USED
Formerly NAVEXOS 3789

CLASSIFICATION (*UNCLASSIFIED when detached from enclosures, unless otherwise indicated*)

FROM (*Show telephone number in addition to address*)
Commanding General, Marine Corps Base
Camp Lejeune, North Carolina 28542

DATE
19 April 1985

SUBJECT
P-806 (84-4142) Light Armored Vehicle Maintenance Facility

SERIAL OR FILE NO.
PWO
P-806 (84-4142)

TO:
Commander, Atlantic Division
Naval Facilities Engineering Command
ATTN: Code 09A21B3
Norfolk, VA 23511-6287

REFERENCE
TAP Group transmittal dtd
5 Mar 85 Project No. 84-08

ENCLOSURE
(1) LANTDIV Form 4-4121/4
(Dwg & Spec Review
Comment sheets) of
19 Apr 85

VIA:
Code 05

ENDORSEMENT ON

[X] FORWARDED [ ] RETURNED [ ] FOLLOW-UP, OR TRACER [ ] REQUEST [ ] SUBMIT [ ] CERTIFY [ ] MAIL [ ] FILE

GENERAL ADMINISTRATION	CONTRACT ADMINISTRATION	PERSONNEL
[X] FOR APPROPRIATE ACTION	NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS	REPORTED TO THIS COMMAND:
UNDER YOUR COGNIZANCE		
INFORMATION	SUBCONTRACT NO. OF SUBJECT ITEM	
APPROVAL RECOMMENDED [ ] YES [ ] NO	APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY	DETACHED FROM THIS COMMAND
[ ] APPROVED [ ] DISAPPROVED	SHIPPING AT GOVERNMENT EXPENSE [ ] YES [ ] NO	OTHER
COMMENT AND/OR CONCURRENCE	A CERTIFICATE, VICE BILL OF LADING	
CONCUR		
LOANED, RETURN BY:	COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION	
SIGN RECEIPT & RETURN	CHANGE NOTICE TO SUPPLIER	
REPLY TO THE ABOVE BY:	STATUS OF MATERIAL ON PURCHASE DOCUMENT	
REFERENCE NOT RECEIVED		
SUBJECT DOCUMENT FORWARDED TO:		
SUBJECT DOCUMENT RETURNED FOR:		
SUBJECT DOCUMENT HAS BEEN REQUESTED, AND WILL BE FORWARDED WHEN RECEIVED		
COPY OF THIS CORRESPONDENCE WITH YOUR REPLY		
ENCLOSURE NOT RECEIVED		
ENCLOSURE FORWARDED AS REQUESTED		
ENCLOSURE RETURNED FOR CORRECTION AS INDICATED		
CORRECTED ENCLOSURE AS REQUESTED		
REMOVE FROM DISTRIBUTION LIST		
REDUCE DISTRIBUTION AMOUNT TO:		

REMARKS (*Continue on reverse*)

Request that you provide notification of action taken on each comment to this Command.

SIGNATURE & TITLE
C. A. JOHANNESMEYER, By direction

COPY TO: Townsend Architectural Planning Group, Greenville, SC
FAC

CLASSIFICATION (*UNCLASSIFIED when detached from enclosures, unless otherwise indicated*)

LANTDIV DRAWING AND SPECIFICATION REVIEW COMMENT

5ND LANTDIV 4-4121/4 (6/78)

PROJECT: P-806 (84-4142) Light Armored Vehicle Maintenance Facility

LOCATION: Marine Corps Base, Camp Lejeune, N. C.

DATE DUE LANTDIV:

DATE RETURNED LANTDIV: 19 April 1985

REVIEWER: W. L. BRANT

CERTIFICATION OF CO OR OICC/ROICC:

DATE LANTDIV RETURN:

	ARCHITECTURAL		MECHANICAL	X	35%
	STRUCTURAL		ELECTRICAL		90% SUBMITTAL
	CIVIL		SPECS & ESTIMATES		100% SUBMITTAL

DWG. NO./ PAR. NO.	ITEM NO.	OICC/ROICC OR STATION COMMENTS (MAKE GENERAL COMMENTS ON LAST SHEET)	LANTDIV REVIEW ACTION – KEY INC. IN LANTDIV TRANS. LTR
C-1	1.	Will indicated "New Edge of Trees" permit the installation of utilities?	
C-2	1.	Provide security fence details. Make reference to details on this sheet.	
C-3	1.	No Comments.	
C-4	1.	Will 6" FM be in conflict with Catch Basin #13 or Storm Drain on sheet C-2?	
C-5		Use reinforced fiberglass pipe for underground condensate piping?	
C-6		Will steam & condensate be in conflict with sanitary sewer force main?	
A-1		No Comment.	
A-2		No Comment.	
A-3		Provide double doors for central lube room?	

CONSTRUCTION SCHEDULE (No. DAYS ____)

SPECIAL REQUIREMENTS (Attach if necessary)

CONCURRENCE _____

C.O. or OICC/ROICC SIGN.

SPECIAL REMARKS (For LANTDIV use only)

LANTDIV DRAWING AND SPECIFICATION REVIEW COMMENT

5ND LANTDIV 4-4121/4 (6/78)

PROJECT P-806 (84-4142) Light Armored Vehicle Maintenance Facility	DATE DUE LANTDIV
LOCATION Marine Corps Base, Camp Lejeune, N. C.	DATE RETURNED LANTDIV 19 April 1985
ARCHITECTURAL / MECHANICAL X / 35%	REVIEWER W. L. BRANT
STRUCTURAL / ELECTRICAL / 90% SUBMITTAL	CERTIFICATION OF CO OR OICC/ROICC
CIVIL / SPECS & ESTIMATES / 100% SUBMITTAL	DATE LANTDIV RETURN

DWG. NO./ PAR. NO.	ITEM NO.	OICC/ROICC OR STATION COMMENTS (MAKE GENERAL COMMENTS ON LAST SHEET)	LANTDIV REVIEW ACTION – KEY INC. IN LANTDIV TRANS. LTR
A-4		No Comment.	
A-5	1.	Wheelguards at the entrance of work bays should be high enough to protect against point of contact of the tallest vehicle. This has been a problem in the past here at Camp Lejeune.	
A-6		No Comments.	
A-7		No Comments	
A-8		No Comments	
A-9		No Comments.	
A-10		No Comments.	
S-1		No Comments.	
S-2		No Comments	
S-3		No Comments	

CONSTRUCTION SCHEDULE (No. DAYS ____)

SPECIAL REQUIREMENTS (Attach if necessary)

CONCURRENCE _____

C.O. or OICC/ROICC SIGN.

SPECIAL REMARKS (For LANTDIV use only)

LANTDIV DRAWING AND SPECIFICATION REVIEW COMMENT

5ND LANTDIV 4-4121/4 (6/78)

PROJECT: P-806 (84-4142) Light Armored Vehicle Maintenance Facility

LOCATION: Marine Corps Base, Camp Lejeune, N. C.

DATE DUE LANTDIV:

DATE RETURNED LANTDIV: 19 April 1985

REVIEWER: W. L. BRANT

CERTIFICATION OF CO OR OICC/ROICC:

DATE LANTDIV RETURN:

	ARCHITECTURAL		MECHANICAL	X	35%
	STRUCTURAL		ELECTRICAL		90% SUBMITTAL
	CIVIL		SPECS & ESTIMATES		100% SUBMITTAL

DWG. NO./ PAR. NO.	ITEM NO.	OICC/ROICC OR STATION COMMENTS (MAKE GENERAL COMMENTS ON LAST SHEET)	LANTDIV REVIEW ACTION – KEY INC. IN LANTDIV TRANS. LTR
S-4		No Comments.	
S-5		No Comments.	
M-1		Check symbols in legend against symbols on dwgs (See "HWC-3")	
M-2		No Comment.	
M-3		No Comment.	
M-4		No Comment.	
M-5		No Comment.	
M-6	1.	What size piping from H.W.S. & H.W.R. to unit heaters, hot water coils, heat exchanger, etc.?	
	2.	Standardize gate valve symbols used on details. (⊠ or ⊠)	

CONSTRUCTION SCHEDULE (No. DAYS ____)

SPECIAL REQUIREMENTS (Attach if necessary)

CONCURRENCE _____

C.O. or OICC/ROICC SIGN.

SPECIAL REMARKS (For LANTDIV use only)

LANTDIV DRAWING AND SPECIFICATION REVIEW COMMENT

5ND LANTDIV 4-4121/4 (6/78)

PROJECT P-806 (84-4142) Light Armored Vehicle Maintenance Facility	DATE DUE LANTDIV
LOCATION Marine Corps Base, Camp Lejeune, N. C.	DATE RETURNED LANTDIV 19 April 1985
ARCHITECTURAL / MECHANICAL / X / 35%	REVIEWER W. L. BRANT
STRUCTURAL / ELECTRICAL / 90% SUBMITTAL	CERTIFICATION OF CO OR OICC/ROICC
CIVIL / SPECS & ESTIMATES / 100% SUBMITTAL	DATE LANTDIV RETURN

DWG. NO./ PAR. NO.	ITEM NO.	OICC/ROICC OR STATION COMMENTS (MAKE GENERAL COMMENTS ON LAST SHEET)	LANTDIV REVIEW ACTION – KEY INC. IN LANTDIV TRANS. LTR
P-1 & P-2	1.	Size of domestic water piping?	
	2.	Use trench drains in lieu of floor drains in repair bay areas. Slope floor accordingly.	
P-3		No Comment.	
P-4		No Comment.	
P-5		No Comment.	
E-1		No Comment.	
E-2	1.	What does this indicate (P) ? (At pre-wash bays) Add to legend.	
	2.	Exterior lights at wash bays located in grit chamber?	
E-3		Why not 277 volt interior lighting?	
E-4		Why not 277 volt interior lighting?	

CONSTRUCTION SCHEDULE (No. DAYS ____)

SPECIAL REQUIREMENTS (Attach if necessary)

CONCURRENCE _____

C.O. or OICC/ROICC SIGN.

SPECIAL REMARKS (For LANTDIV use only)

LANTDIV DRAWING AND SPECIFICATION REVIEW COMMENT

5ND LANTDIV 4-4121/4 (6/78)

PROJECT: P-806 (84-4142) Light Armored Vehicle Maintenance Facility	DATE DUE LANTDIV:
LOCATION: Marine Corps Base, Camp Lejeune, N. C.	DATE RETURNED LANTDIV: 19 April 1985
	REVIEWER: W. L. BRANT
	CERTIFICATION OF CO OR OICC/ROICC:
	DATE LANTDIV RETURN:

	ARCHITECTURAL		MECHANICAL	X	35%
	STRUCTURAL		ELECTRICAL		90% SUBMITTAL
	CIVIL		SPECS & ESTIMATES		100% SUBMITTAL

DWG. NO./ PAR. NO.	ITEM NO.	OICC/ROICC OR STATION COMMENTS (MAKE GENERAL COMMENTS ON LAST SHEET)	LANTDIV REVIEW ACTION – KEY INC. IN LANTDIV TRANS. LTR
E-5		No Comment.	
E-6		1. Why not 460V. air compressor?	
		2. What does this indicate " (R) "? Add to legend.	
		GENERAL COMMENTS	
	1.	Provide placards or signs for labeling the various spaces throughout the facility. Attach placards either on or over the doors.	
	2.	Are considerations being given to acoustics for the spaces adjacent to the LAV maintenance bays?	
	3.	Tank battalion experienced numerous problems upon moving in because of the keying of locks. All exterior locks of the respective buildings took the same key. This posed a serious problem when it was discovered	

CONSTRUCTION SCHEDULE (No. DAYS ____)

SPECIAL REQUIREMENTS (Attach if necessary)

CONCURRENCE _____

C.O. or OICC/ROICC SIGN.

SPECIAL REMARKS (For LANTDIV use only)

LANTDIV DRAWING AND SPECIFICATION REVIEW COMMENT

5ND LANTDIV 4-4121/4 (6/78)

PROJECT P-806 (84-4142) Light Armored Vehicle Maintenance Facility	DATE DUE LANTDIV
LOCATION Marine Corps Base, Camp Lejeune, N. C.	DATE RETURNED LANTDIV 19 April 1985
	REVIEWER W. L. BRANT
	CERTIFICATION OF CO OR OICC/ROICC
	DATE LANTDIV RETURN

	ARCHITECTURAL		MECHANICAL	X	35%
	STRUCTURAL		ELECTRICAL		90% SUBMITTAL
	CIVIL		SPECS & ESTIMATES		100% SUBMITTAL

DWG. NO./ PAR. NO.	ITEM NO.	OICC/ROICC OR STATION COMMENTS (MAKE GENERAL COMMENTS ON LAST SHEET)	LANTDIV REVIEW ACTION – KEY INC. IN LANTDIV TRANS. LTR
		GENERAL COMMENTS	
	3	(Continued) that the ready-issue exterior keys opened the armory also. It was six months before that problem was resolved. The supply storage cages in the main facility were opened with the same key also. It is requested that steps be taken to prevent this from happening in this facility. Point of contact for information concerning keying of locks will be LT Smith, phone number (919)451-2301.	

CONSTRUCTION SCHEDULE (No. DAYS ____)

SPECIAL REQUIREMENTS (Attach if necessary)

CONCURRENCE _____

C.O. or OICC/ROICC SIGN.

SPECIAL REMARKS (For LANTDIV use only)

OPNAV 5216/145 (Rev. 3-78)
S/N 0107-LF-052-1625
USE FOR URGENT LETTERS. ONLY

Naval Speedletter

DO NOT CLEAR THROUGH COMMUNICATIONS OFFICE

CHECK TYPE OF MAIL
- [ ] REGULAR
- [ ] REGISTERED
- [ ] AIR
- [ ] CERTIFIED
- [ ] SPECIAL DELIVERY

CLASSIFICATION

DATE 7 MAR 1985

IN REPLY REFER TO (ADDRESS & PHONE NO.)
11013/0512C/AGT

INSTRUCTIONS

1. Message type phraseology is permissible.
2. Both addresses must be appropriate for window envelope or bulk mailing, as intended. Include attention codes, when known. Use dots and brackets as guides for window envelope addresses.
3. Give priority to processing, routing, and action required. Avoid time-consuming controls.
4. In order to speed processing, a readily identifiable, special window envelope, OPNAV 5216/145A, Speedletter Envelope, is provided for unclassified speedletters where bulk mailing is not used. Other window envelopes also may be used. In bulk mail, speedletters should be placed on top of regular correspondence.

To:
Commander
Atlantic Division
Naval Facilities Engineering Command
Norfolk, VA 23511

10
OC
408
General
Larry
Fred

Fold

STANDARD REFERENCES AND ENCLOSURES, IF ANY; TEXT AND SIGNATURE BLOCK

Subj: FY86 MCON PROJECT P-806, LIGHT ARMORED VEHICLE MAINTENANCE SHOP, MCBC CAMP LEJEUNE, NC (UIC M67001)

Encl: (1) DD Form 1391 for the subject project undated

1. The scope of the subject project has been increased to 66,700 SF and the cost has been increased to $6,000,000 as shown on enclosure (1). Continue to 100% design completion.

File

A. G. Tjoumas
A. G. TJOUMAS
By direction

Fold

COPY TO
CMC (LFF-1)
MCB CAMP LEJEUNE, NC

From:
Commander
Naval Facilities Engineering Command
200 Stovall Street
Alexandria, VA 22332

← ADDRESS REPLY AS SHOWN AT LEFT, OR, REPLY HEREON AND RETURN

CLASSIFICATION

Larry Gus

DELTA ENGINEERING, INC.

P. O. BOX 8354 GREENVILLE, S. C. 29604 (803) 271-7343

MEMO

DATE Nov. 15, 1984
PROJ NO 84015

REFERENCE LAV Maintenance Facility, Camp LeJeune, NC

DATE & TIME Nov. 15, 1984 2:30 P.M. SUBJECT Water Distribution

[X] TELEPHONE CONFIRMATION: LOCAL ____ LD ____ PLACED ____ REC'D X

TALKED WITH Larry Brant (Planning Section) TEL NO ____

[ ] CONFERENCE MEMO: LOCATION ____

[ ] CONSTRUCTION VISITATION: ____

ATTENDANCE: FOR Delta: Stan Dunn

FOR ____

FOR ____

THIS MEMO SHOULD BE CHECKED BY ALL COPIED FOR OMISSION, ETC. ANY DISCREPANCY SHOULD PROMPTLY BE CALLED TO THE ATTENTION OF UNDERSIGNED.

Mr. Brant called this writer to confirm that an existing 12" Domestic Water Line is located on the opposite side of Main Service Road from the proposed LAV Maint. Facility and runs parallel with Main Service Road. This information provided to Mr. Brant by Chief R.M. Piner of Camp LeJeune Fire Dept. Mr. Brant confirmed that crossing Main Service Road with Water Supply to LAV Main. Bldg. should pose no problems other than the probability that core drilling may be a requirement under Main Service Road.

cc: Delta File 84015
Mr. Alan Horne, TAP Group
Mr. Larry Brant

FAC/FLA/hf
11100
28 DEC 1983

From: Commanding General
To: Commanding Officer, Marine Corps Service Support Schools, Marine Corps Base, Camp Lejeune, NC 28542

P-806
~~P-808~~

Subj: Facility Requirements for the High Mobility Multipurpose Wheeled Vehicle (HMMWV) and the Logistics Vehicle System (Dragon Wagon)

Ref: (a) CO, MCSSS ltr 294/GA/mec 11100 of 10 Nov 83
(b) Informal discussions btwn Capt Adams, BFac, and Capt Greene, MCSSS (S-4)

1. Reference (a) identified the facility requirements of Bldgs M-109 and M-112 to accommodate the instruction of the HMMWV at Camp Johnson.

2. Reference (b) indicated that additional facility requirements exist to accommodate remaining areas of instruction for the HMMWV. Reference (b) further implied that facilities to house the Dragon Wagon are being determined but hinge upon those facilities selected for the additional instruction for the HMMWV. To allow for adequate planning and completion of necessary work, request requirements to accommodate the remaining instruction for the HMMWV be expedited and requirements for the Dragon Wagon be identified, developed and forwarded to this command (Attn: AC/S, Facilities) to arrive as soon as possible. It is imperative that sufficient time be given to the Maintenance and Public Works Divisions to allow for project development, material procurement, and project execution or award of contract so that we can have the required facilities ready to meet your schedule.

3. Point of contact for facilities requirements is Capt Fred Adams, ext. 3034.

M. G. LILLEY
By direction

Copy to:
MAIN
PWO

RECEIVED
30 DEC 1983

P-806
PWO
30 OCT 1984

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Commander, Atlantic Division, Naval Facilities Engineering Command (Code 09A23A), Norfolk, VA 23511

Subj: COLLATERAL EQUIPMENT REQUIREMENTS FOR FY-86 MILITARY CONSTRUCTION PROJECT P-806, LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

Ref: (a) COMLANTNAVFACENGCOM ltr 09A23A:TTW:mel 4490 of 13 Jan 84

Encl: (1) LANTDIV Form 11010/4 Collateral Equipment Requirements for P-806 dtd 23 Oct 84

1. The reference requested submission of the collateral equipment requirements for the subject project. Accordingly, the enclosure is hereby forwarded for your review.

B. W. ELSTON
By direction

Copy to:
CMC (Code LFS-3)
CG, 2dMarDiv

Blind copy to:
FAC

M. Thompson/1833
25 Oct 84

23 Oct 84

MARINE CORPS BASE, CAMP LEJEUNE, NC 28542

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
1. BUILT-IN EQUIPMENT TO BE MCON FUNDED					
	*Venetian blinds and window screens		EA		
	*Interior Steam System		SYS		
	*Plumbing System		SYS		
	*Compressed Air System				
	*Sprinkler System		SYS		
	*Telephone System		SYS		
	*Intercom System		SYS		
	*Fire Alarm System		SYS		
	*Drinking Water Coolers	10	EA		
	*Lockers & Benches 6'lg.		EA		
	*Chalkboards & Tackboards		EA		
	*Toilet partitions		EA		
	*Air hose reel, 150PSI, HD w/hose stop (ceiling, wall, or pedestal mounted)		EA		
	*Elec extension cord reel, HD, w/ cord stop (ceiling, wall or pedestal mounted), CW		EA		
	*Water hose reel, HD, w/hose control valve & hose stop (ceiling, wall or pedestal mtd), CW		EA		
	*Hose reel assembly w/control valves HD, automatic hose stops & meters, 150 PSI compressed air, 1 chassis lube, 2 motor oil, 1 gear lube, provide water seperator		EA		
	*Exhaust System		SYS		
	*Deluge shower w/2 eye wash CW		EA		
	*Acid resistant sink CW		EA		

CONTRACTOR EQUIPMENT REQUIREMENTS (Initial Outfitting)
CONTDEV NORVA 4-11010/6 (Rev.11/81)

23 Oct 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE FACILITY

P. NO.
P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
1. BUILT-IN EQUIPMENT TO BE MCON FUNDED (cont'd..)					
	*Exhaust hood		EA		
	*Lube dispensing equipment w/acc. (couplers, valves, regulators etc.)		EA		
	*Air pumps, 400 lb. drums for oil (chassis, gear, motor oil, trans. as required)		EA		
	*Twin post pneumatic lift, HD 30,000 lb cap. 150 PSI comp. air	2	EA		
	*Twin post pneumatic lift, HD 43,000 lb capacity, 150 PSI comp air	1	EA		
	*10 ton overhead monorail bridge crane 15 HP 208V, 3 phase, 60 cycle, 120V power controls		SYS		
	*Built-in steam cleaning system		SYS		
	*Counter, dispatcher's				

* Equipment with associated installation cost.

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO.
P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
2. EXPENSE ITEMS:					
7110-00-C00-0387	EXECUTIVE CHAIR ROTARY W/ARMS	8	EA.	$ 387.00	$ 3,096
7110-00-149-1631	DESK DP	7	EA.	254.00	1,778
7110-00-149-1630	DESK DP	36	EA.	227.51	8,190
7110-00-149-1628	DESK SP	27	EA.	171.48	4,630
7110-01-015-1361 &	DESK W/ATTACHMENTS FOR SEC.	16	EA.	262.00	4,192
7110-01-016-7147	AND GEN. CLERICAL	16	EA.	177.00	2,832
7110-00-082-6231	CHAIR ROTARY W/ARMS	51	EA.	63.46	3,236
7110-00-958-8044	CHAIR ROTARY W/O ARMS	41	EA.	61.82	2,535
7110-00-190-5795	CHAIR STRAIGHT W/ARMS	12	EA.	49.39	593
7110-00-497-2506	CABINET FILING	25	EA.	131.80	3,295
7125-00-764-6141	CABINET STORAGE	56	EA.	155.76	8,723
7110-00-151-6485	STAND OFFICE MACHINE	8	EA.	101.00	808
7430-01-023-0678	IBM TYPEWRITER	9	EA.	567.00	5,103
7110-00-471-4039	BOOKCASE, TOP	49	EA.	8.80	431
7110-00-831-7430	BOOKCASE SECTION	174	EA.	33.00	5,742
7110-00-112-0045	BOOKCASE BASE	49	EA.	5.50	270
7125-00-285-3049	KEY LOCKER, 96 KEY	14	EA.	34.00	476
7195-00-004-6716	RACK, WEARING APPER.	17	EA.	35.00	595
7520-00-285-5416	WASTE BASKET	71	EA.	2.90	206
6645-00-530-3342	CLOCK, WALL	27	EA.	9.40	254
6730-00-116-1618	VIEWER, MICROFICHE	10	EA.	144.25	1,442
7460-01-071-3680	STAND, ROTARY, MICROFICHE	15	EA.	91.00	1,365
7460-01-049-6381	PANELS, MICROFICHE	800	EA.	1.00	800
7110-00-634-8596	STOOL W/BACK	61	EA.	28.00	1,708

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO.
P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
7420-01-016-7752	CALCULATOR	3	EA.	$ 165.17	$ 496
7910-00-680-8296	BUFFER	3	EA.	185.44	556
	STEEL PALLET W/CAGE	5	EA.	EST 50.00	250.00
7195-00-275-5825	RACK WEARING APPR. 12 HANGER	2	EA.	59.00	118
4110-00-879-0006	REFRIGERATOR	3	EA.	100.00	300
7105-99-005-0006	END TABLE	2	EA.	104.00	208
7105-99-005-0004	COFFEE TABLE	2	EA.	56.50	113
7125-00-270-7722	STEEL SHELF	5	EA.	287.00	1,435
7125-00-062-7894	PARTS BIN	6	EA.	234.00	1,404
	BENCH MAINT. W/120v 60HZ AC	9	EA.	EST 1,000.00	9,000
7220-00-267-4630	RUBBER MATTING	75	YD.	7.60	570
3415-00-517-7754	GRINDER	8	EA.	100.93	807
7110-00-113-0454	TABLE, GP	9	EA.	135.00	1,215
	STUDENT DESKS	120	EA.	13.59	1,635
7110-00-497-1829	FILE CABINET, LEGAL	6	EA.	150.50	903
7110-01-135-2000	CRENDENZA	3	EA.	241.00	723
7115-99-005-0003	SOFA	1	EA.	285.00	285
4110-00-029-0392	REFRIGERATOR, COMPACT	1	EA.	263.00	263
4940-00-449-6689	DEGREASER	9	EA.	393.00	3,537
4910-00-205-3046	BENCH, WORK	2	EA.	392.04	784
4910-01-179-1040	POWER PACK STANDS	6	EA.	514.00	3,084
MCMASTER & CARR P. O. Box 440 New Brunswick, NJ 08909 201-329-3200	DOUBLE MODULAR WORK STATION #4704T42, pg 151 , Catalog 90	2	EA.	1,577.33	3,154

DD FORM 1391 (Unit Cost Analysis) FORM NAVFAC 4-11010/6 (Rev. 11/81) DATE 23 Oct 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
MCMASTER & CARR #90 7054K14	24 VOLT POWER SUPPLY	2	EA.	$ 722.00	$ 1,444
2446T13	HAND TRUCK pg. 278	4	EA.	88.26	353
2626T4	CYLINDER TRUCK pg. 276	2	EA.	238.64	477
4959T33	FILE, ROLLING (ERO TUB)	5	EA.	94.61	473
4477T60	CABINET, FLAMMABLE STORAGE SAFE, 2 DRAWER GSA APPROVED	4 2	EA. EA.	419.02	1,676
7995T5	PLATFORM LADDER W/STAND pg 917	2	EA.	431.32	863
4756T35	WORK BENCH	10	EA.	619.29	6,193
1551K36	WORK LIGHTS	10	EA.	163.09	1,631
6483T12	SAFE	1	EA.	168.26	168
2176K21	DEHUMIDIFIER	4	EA.	352.50	1,410
4002T1	RAG BIN	1	EA.	161.00	161
4074T44	WASTE RAG CAN	5	EA.	40.77	204
5304K61	AIR HOSE	5	EA.	10.98	55
5418K52	NOZZLE AIR HOSE	5	EA.	5.60	28
3193A27	MILLING TABLE pg. 1489	1	EA.	455.77	456
MCMASTER & CARR #90 8005A11	ELECTRODE OVEN pg 1944	2	EA.	564.32	1,129
5476T16	WELDING CURTAIN pg 565	2	EA.	155.28	310
2141K62	PORTABLE EXHAUST UNIT F/VEH.	1	EA.	649.61	650

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
	WORK BENCH 8'x3'x36" W/1" THICK STEEL PLATE TOP	1	EA.	EST $ 1,000.00	$ 1,000
2437A32	METAL BRAKE	1	EA.	2,794.40	2,794
3809A40	POWER METAL SHEER	1	EA.	2,373.69	2,374
MCMASTER & CARR #90 9839T15	PLATFORM TRUCK	5	EA.	318.18	1,591
9838T44	HYDRAULIC PLATFORM TRUCK pg 301	3	EA.	612.26	1,837
6738A14	SAFETY CAGE, TIRE INFLATION	3	EA.	373.75	1,121
	TIRE STORAGE RACK	1	EA.	EST 200.00	200
5198T21	PODIUM (LECTERNS) Pg. 525	2	EA.	416.00	832
5929T27	BLACKBOARD (DRY ERASE) pg. 621	2	EA.	250.00	500
6738A16	TIRE CAGE	2	EA.	818.00	1,636
5768T6	BULLETIN BOARD, 4'x6'	32	EA.	75.60	2,419
MCMASTER & CARR #90 6389T14	VACUUM CLEANER	7	EA.	497.34	3,481
6295T31	VACUUM HOSE	6	EA.	109.42	657
7260T21	AUTO SCRUBBER	4	EA.	2,020.40	8,082
7047K5	BATTERY CHARGER pg. 1284	3	EA.	416.44	1,249
7239K1	BATTERY CHARGING STAND pg. 1284	3	EA.	234.08	702
MCMASTER & CARR #90 2774A81	DRILL PRESS	1	EA.	1,407.46	1,407
3981A21	BAND SAW	1	EA.	1,735.00	1,735
LATHE ACCESSORIES	FOR LATHE LISTED UNDER INVESTMENT ITEMS				
3193A13	CABINET/STAND	1	EA.	633.46	633
3191A15	MILLING UNIT	1	EA.	1,494.23	1,494

DD FORM 1391 (1 JAN 68) (1 JAN 11/81) 23 Oct 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
3193A16	4 JAW CHUCK	1	EA.	$ 363.46	$ 363
3193A17	CLAMPING PLATE	1	EA.	126.92	127
3193A18	3 JAW CHUCK	1	EA.	45.00	45
3193A19	MORSE TAPER ARBOR	1	EA.	9.23	9
3193A21	FOUR-WAY TOOL POST	1	EA.	87.69	87
3193A31	QUICK CHANGE TOOL POST	1	EA.	237.69	238
3193A23	STANDARD TOOL HOLDER	1	EA.	23.08	23
3193A24	FIXED STEADY REST	1	EA.	139.62	140
3193A25	23 PC. COLLET SET	1	EA.	721.15	721
3193A26	6 PC. TURNING TOOL SET	1	EA.	105.54	106
Walter M. Ballard Co. 7705 Georgia Ave., N.W. Washington, DC 202-829-1181	TIRE RACK (16" tires) 12' #7511	3	EA	101.95	306
W. M. Ballard (above)	Upright assembly for above rack #7533	2	EA	29.95	60
	WORK BENCH 8'x34"x40" w/metal top and drain	40	EA	150.00	6,000
McMaster Carr	3-tier battery shelf , Long John pg 129 No. 4670T41	2	EA	576.01	1,152
Brodhead-Garrett 2448 Industrial Park Drive, POB 4707 Macon, GA 31208	Tire tub leak detector Tube test tank No. 3109 Stk # 420218 pg 478 80-81 catalog	1	EA	24.70	25
	Air Flate Tire Changer Model 30-30A Stock #390353 pg 478 80-81 catalog	1	EA	1,424.50	1,425
McMaster Carr	Ribbed steel pallet #8748T2 pg 259, Cat.90	5	EA	113.33	567

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 23 Oct 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
	TOTAL EXPENSE ITEMS				
3. INVESTMENT ITEMS:					
3610-01-091-9373	COPIER	2	EA	5,335.00	10,670
	300 AMP WELDER w/TIG	1	EA	8,000.00	8,000
LINCOLN, MILLER OR LINDE	MIG WELDING UNIT COMPATIBLE TO BASIC UNIT	1	EA	8,000.00	8,000
McMaster Carr 3193A12	LATHE pg 1489, Cat. 90 (see accessories on pg. 6 of 8)	1	EA	4,280.36	4,280
	TOTAL INVESTMENT ITEMS				30,950
4. APA EQUIPMENT:	None				
5. TRAINING EQUIPMENT	None				
6. SUMMARY:	TOTAL EXPENSE ITEMS				157,505
	TOTAL INVESTMENT ITEMS				30,950
	GRAND TOTAL				188,455

9-26-85 Shirley Frazier phone review escalate the investment items. It should be 1/2 with Company for current price

30,950 +.15 = 4642.5

157,505 +.15 = 23 625.75

30,950 + 4643 = 35,593 investment items

157,505 × 3 626 = 181,131

This freq. submitted to CMC on 1/17/85 per 071427 Jan 85

Bob Aug 86

PLANNING BRANCH ACTION CHIT

LOGGED BY: Mary ON: 11/1/84

EGJ EGJ

Larry WLB

Fred FE

ACTION GIVEN TO: _____

TAP

TOWNSEND ARCHITECTURAL • PLANNING GROUP

522 S. MAIN ST. P.O. BOX 3917 GREENVILLE, S.C. 29608 271-7678

TRANSMITTAL

DATE 30 October, 1984

PROJECT NUMBER 84-08

TO Planning Branch Building 1005
Camp Lejeune
N.C. 28542

REFERENCE LAV Maintenance Facility
Project P-806 MCB, CLNC

ATTENTION Gene Jones

TAP IS FORWARDING THE FOLLOWING INFORMATION PREPARED BY ☒ TAP ☐ CONTRACTOR ☐ OWNER ☐ CONSULTANT ☐

NO.	MARK	DESCRIPTION	ACTION
1	29 Oct	PED	YR

Y — YOUR USE
YR — YOUR REVIEW & REPLY
B — BID OR COST ESTIMATE
C — CONSTRUCTION
P — FOR PAYMENT

R — REVIEWED
F — FURNISH AS CORRECTED
RR — REVISE & RESUBMIT
RJ — REJECTED

COMMENTS Gene, we know you want to pre-wash bays relocated, but it was too late to revise prelim PED.

XC

CODE 09A21B3:MLB, LANTDIV

JLT:jl

TAP GROUP

BY James L. Townsend, Jr., A.I.A.

FOR OFFICIAL USE ONLY

DATE: 29 OCT 84

DEPARTMENT OF THE NAVY

PROJECT ENGINEERING DOCUMENTATION

LIGHT ARMORERED VEHICLE MAINTENANCE FACILITY

(P-806)

FY 1986 MCON

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

ADMINISTERED BY:

ATLANTIC DIVISION
NAVAL FACILITIES
ENGINEERING COMMAND
NORFOLK, VA. 23511

PREPARED BY:

TOWNSEND ARCHITECTURAL
PLANNING GROUP
P. O. BOX 3917
GREENVILLE, S.C. 29608

1. COMPONENT	FY 19 86 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		29 OCT 84

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	LIGHT ARMORED VEHICL MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	214-51	P-806	6,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	SF	66700	58.89	3,928
Building	SF	66700	51.60	(3,433)
Built-in Equipment (W/Building)	LS			(495)
SUPPORTING FACILITIES	LS			1,463
Utilities	LS			(409)
Parking & Sidewalks	LS			(639)
Site Improvements	LS			(326)
Built-in Equipment (W/Supporting Fac.)	LS			(89)
SUBTOTAL				5,391
CONTINGENCY (5%)				270
TOTAL CONTRACT COST				5,661
SUPERVISION, INSPECTION, & OVERHEAD (5.5%)				311
TOTAL REQUEST				5,972
TOTAL REQUEST, RIUNDED				6,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				188

10. DESCRIPTION OF PROPOSED CONSTRUCTION

A one story building with high bays of steel frame on spread footing with masonry walls, concrete floors and built-up roof. Overhead doors, fire protec tion and alarm systems, energy conservation and pollution abatement features, wash aprons, pavements, security fencing, lighting and utilities connections are included in the project. (Air Conditioning: 100 tons)

11. REQUIREMENTS:

PROJECT: Provide maintenance, armory and storage facilities for the Light Armored Vehicle (LAV) Battalion of the 2d Marine Division.

REQUIREMENT: Shops and storage required to carry out an adequate maintenance program for assigned vehicles and electronic equipment.

CURRENT SITUATION: This is a new mission to be effective by FY-1985. There are no adequate facilities available to support this mission.

IMPACT IF NOT PROVIDED: Maintenance capabilities will be adversely affected as these are new combat vehicles with complex maintenance requirements. Further, the new Highly-Mobile Maintenance Vehicle (HMMV) will be part of the T/E for this LAV Battalion.

1. COMPONENT	FY 19 86 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		29 Oct 84

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE	5. PROJECT NUMBER
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	P-806

1. 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.

2. 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 possesses a significant quality of American history.

3. Flood Hazard Evaluation: Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.

4. Coastal Zone Management: In accordance with the Coastal Zone Management Act of 1972 (as amended), this project will not directly affect the coastal zone and a coastal consistency determination is not required.

5. Pollution Prevention, Abatement, and Control: This project will not cause additional air or water pollution.

6. Design For Handicapped: Provisions for physically handicapped personnel not required in this facility. Use is restricted to able-bodied military personnel.

7. Endangered Species Protection: This project will not jeopardize conservation of endangered or threatened species.

8. Intergovernmental Coordination: Intergovernmental has been initiated through preparation of an Environmental Impact Assessment.

DESIGN CONCEPTS

Activity and Location: MARINE CORPS BASE, CAMP LEJEUNE, N.C.

Project Title: LIGHT ARMORED VEHICLE MAINTENANCE FACILITY (P-806)

Date: 29 OCT 84

USE OF DEFINITIVES AND PREVIOUS DESIGNS

Standard Marine Corps definitive designs and previous design of Tank/Auto Maintenance Facility will be used for the design development of this project.

SPECIAL DESIGN CHARACTERISTICS

Special design characteristics include security for an armory.

POLLUTION ABATEMENT ASPECTS OF DESIGN

Erosion control will be required during construction of this facility. Water/oil separator structures will be provided.

SITE APPROVAL

The site has been approved per NAVMC 11069, Request for Site Approval, executed on 3 October, 1983.

SPECIAL ENGINEERING SERVICES

A topographic survey has been prepared for the building site. Subsurface soil investigations have been carried out on the site.

The soil borings indicate that shallow spread concrete foundations may be used for the building.

CRANE, HOISTS, SYSTEMS

Contract drawings and specifications shall include procurement and installation of the following type of weight handling equipment having a capacity of 20,000 pounds or less as follows:

(a.) Overhead electric traveling (OET) cranes

Two 10 ton cranes will be used for handling vehicle components. Procurement will be by competitive bid. Three 20 ton hoists will be used to lift vehicles for service operations. Procurement will also be by competitive bid.

BUDGET ESTIMATE FOR P-806

Title: LIGHT ARMORED VEHICLE MAINTENANCE FACILITY Costs Escalated to: 1 APRIL 1986
Location: MCB, CAMP LEJEUNE, NC Escalation: 7% Contingency: 5%
Prepared By: TOWNSEND ARCHITECTURAL-PLANNING GROUP Date: 29 OCT 84

	$/SF	$/SYS	SYS QUAN		TOTAL	BUILDING	BUILT-IN EQUIPMENT
Primary Facility							
01 Foundation System	3.03	3.03	66700	SF	202000	202000	0
02 Slab on Grade	3.46	3.46	66700	SF	231000	231000	0
03 Structural System	5.05	5.05	66700	SF	337000	337000	0
06 Roof System	6.30	6.30	66700	SF	420000	420000	0
07 Exterior Wall System	6.22	10.38	33540	SF	348000	348000	0
08 Interior Wall System	5.31	6.62	53500	SF	354000	354000	0
09 Interior Finishes System	3.15	3.15	66700	SF	210000	210000	0
10 Doors & Windows System	3.58	25.87	9240	SF	239000	234000	5000
11 Specialties System	1.47	1.47	66700	SF	98000	21000	77000
12 Plumbing, Domestic	2.10	1029.41	136	EA	140000	128000	12000
13 Roof Drainage	0.72	1170.73	41	EA	48000	48000	0
16 Air Conditioning	3.37	2250.00	100	TNS	225000	225000	0
17 Heating & Ventilation	5.58	57.23	6500	MBTU	372000	359000	13000
18 Engine Exhaust System	0.28	1.76	10800	CFM	19000	0	19000
20 Compressed Air System	0.42	700.00	40	CFM	28000	0	28000
22 Hoist	1.48	1237.50	80	TNS	99000	0	99000
26 Sprinkler System	1.17	1.17	66700	SF	78000	0	78000
28 Fire Alarm System	0.54	0.54	66700	SF	36000	0	36000
31 Power System	1.54	206.00	500	KW	103000	102000	1000
32 Lighting System	1.98	1.98	66700	SF	132000	132000	0
34 Secuirty Detection System	0.13	0.13	66700	SF	9000	0	9000
39 EMCS	1.23	321.57	255	EA	82000	82000	0
41 Telephone System	0.58	0.58	66700	SF	39000	0	39000
42 Intercom System	0.27	0.27	66700	SF	18000	0	18000
47 Special Equipment	0.91	0.91	66700	SF	61000	0	61000
Subtotal Building	$58.89	-	66700	SF	3928000	3433000	495000
Supporting Facilities							
50 Electrical Distribution	-	28.00	1500	LF	42000	42000	0
51 Electrical Substation	-	30.00	500	KVA	15000	15000	0
52 Area Lighting	-	1625.00	40	EA	65000	65000	0
54 Communication	-	16.67	600	LF	10000	0	10000
58 Heat Distribution	-	120.41	980	LF	118000	110000	8000
60 Sanitary Sewers	-	18.08	2600	LF	47000	47000	0
62 Water Distribution	-	20.40	2255	LF	46000	42000	4000
S1 Waste Oil Collection	-	2.33	3000	GAL	7000	0	7000
S2 Fuel Islands	-	1.41	32000	GAL	45000	0	45000
68 Lift/Pumping Station	-	430.00	100	GPM	43000	43000	0
T1 Wash Aprons	-	44.44	1350	SY	60000	45000	15000
74 Parking	-	18.74	34000	SY	637000	637000	0
75 Sidewalks	-	13.33	150	SY	2000	2000	0
78 Storm Drainage	-	47.86	2800	LF	134000	134000	0
79 Site Earthwork	-	1.49	43000	CY	64000	64000	0
80 Borrow	-	4.83	6000	CY	29000	29000	0
81 Topsoil, Seed	-	2.35	1700	SY	4000	4000	0
82 Landscaping	-	6.29	3500	SY	22000	22000	0
83 Site Improvements	-	57.14	70	SY	4000	4000	0
84 Surcharge/Earth Repl.	-	4.35	1150	SY	5000	5000	0
85 Fencing	-	24.62	2600	LF	64000	64000	0
Subtotal Supporting Facilities	-	-	-		1463000	1374000	89000

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 29 Oct 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
1. BUILT-IN EQUIPMENT TO BE MCON FUNDED	*Security detection system	1	SYS	9000.00	9000.00
	*Venetian blinds and window screens	128	SF	3.21	410.00
	*Compressed Air System	1	SYS	8000.00	8000.00
	*Sprinkler System	1	SYS	78000.00	78000.00
	*Telephone System	1	SYS	49000.00	49000.00
	*Intercom System	1	SYS	18000.00	18000.00
	*Fire Alarm System	1	SYS	36000.00	36000.00
	*Drinking Water Coolers	8	EA	620.00	4960.00
	*Lockers & Benches 6'lg.	900	EA	72.11	64900.00
	*Chalkboards & Tackboards	19	EA	138.42	2630.00
	*Toilet Partitions & Urinal Screens	34	EA	255.00	8670.00
	*Air hose reel, 150PSI, HD w/hose stop (wall mounted), provide water separator	21	EA	215.00	4515.00
	*Elec extension cord reel, HD, w/ cord stop (wall mounted), CW	24	EA	50.00	1200.00
	*Water hose reel, HD, w/hose control valve & hose stop (wall mtd), CW	12	EA	215.00	2580.00
	*Hose reel assembly w/control valves HD, automatic hose stops & meters, 150 PSI compressed air, 1 chassis lube, 2 motor oil, 1 gear lube, provide water separator	12	EA	2400.00	28800.00
	*Exhaust System	1	SYS	19000.00	19000.00
	*Deluge shower w/2 eye wash CW	2	EA	800.00	1600.00
	*Acid resistant sink w/bench CW & acid neutralization tank	2	EA	3815.00	7630.00

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 29 Oct 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
BUILT-IN EQUIPMENT TO BE MCON FUNDED (cont'd..)					
	*Exhaust hood, OVHD, frational HP, 110V, 1 phase	2	EA	4000.00	8000.00
	*Lube dispensing equipment w/acc. (couplers, valves, regulators etc.)	1	SYS	4620.00	4620.00
	*Air pumps, 400 lb. drums for oil (chassis, gear, motor oil, trans. as required)	12	EA	750.00	9000.00
	*Twin post electo/hydraulic lift, HD 43,000 lb capacity	3	EA	13500.00	40500.00
	*10 ton overhead bridge crane 15 HP 208V, 3 phase, 60 cycle, 120V power controls.	2	EA	28900.00	57780.00
	*Built-in steam cleaning system	1	SYS	32000.00	32000.00
	*Counter, dispatcher's	1	EA	685.00	685.00
	*Tire changer, elec-air, Bishman Co., frational HP, 280V, 3- phase, 3 wire, 150 PSI, comp. air	2	EA	7000.00	14000.00
	*Pass window, 4' wide w/counter & "B" label roll-down shutter (w/ fusible link)	6	EA	850.00	5100.00
	*Air Compressor, 150 PSI (2 stage, 40 CFM), 3 phase, 3 wire, 220V, 15 HP	1	EA	15500.00	15500.00
	*Used oil system	1	EA	7000.00	7000.00
	*Vehicle fueling system	1	EA	45000.00	45000.00
	*Outlets for portable arc welder (grounded)	4	EA	50.00	200.00
	*Equipment with associated installation cost				
	TOTAL BUILT-IN EQUIPMENT TO BE MCON FUNDED			SAY	584280.00 584000.00

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 29 Oct 84

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

PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
2. EXPENSE ITEMS:					
7110-00-C00-0387	EXECUTIVE CHAIR ROTARY W/ARMS	8	EA	$ 387.00	$ 3,096
7110-00-149-1631	DESK DP	7	EA	254.00	1,778
7110-00-149-1630	DESK DP	36	EA	227.51	8,190
7110-00-149-1628	DESK SP	27	EA	171.48	4,630
7110-01-015-1361 &	DESK W/ATTACHEMENTS FOR SEC.	16	EA	262.00	4,192
7110-01-016-7147	AND GEN. CLERICAL	16	EA	177.00	2,832
7110-00-082-6231	CHAIR ROTARY W/ARMS	51	EA	63.46	3,236
7110-00-958-8044	CHAIR ROTARY W/O ARMS	41	EA	61.82	2,535
7110-00-190-5795	CHAIR STRAIGHT W/ARMS	12	EA	49.39	593
7110-00-497-2506	CABINET FILING	25	EA	131.80	3,295
7125-00-764-6141	CABINET STORAGE	56	EA	155.76	8,723
7110-00-151-6485	STAND OFFICE MACHINE	8	EA	101.00	808
7430-01-023-0678	IBM TYPEWRITER	9	EA	567.00	5,103
7110-00-471-4039	BOOKCASE, TOP	49	EA	8.80	431
7110-00-831-7430	BOOKCASE SECTION	174	EA	33.00	5,742
7110-00-112-0045	BOOKCASE BASE	49	EA	5.50	270
7125-00-285-3049	KEY LOCKER, 96 KEY	14	EA	34.00	476
7195-00-004-6716	RACK, WEARING APPER.	17	EA	35.00	595
7520-00-285-5416	WASTE BASKET	71	EA	2.90	206
6645-00-530-3342	CLOCK, WALL	27	EA	9.40	254
6730-00-116-1618	VIEWER, MICROFICHE	10	EA	144.25	1,442
7460-01-071-3680	STAND, ROTARY, MICROFICHE	15	EA	91.00	1,365
7460-01-049-6381	PANELS, MICROFICHE	800	EA	1.00	800
7110-00-634-8596	STOOL W/BACK	61	EA	28.00	1,708

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 29 Oct 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
7420-01-016-7752	CALCULATOR	3	EA	$ 165.17	$ 496
7910-00-680-8296	BUFFER	3	EA	185.44	556
	STEEL PALLET W/CAGE	5	EA	50.00	250
7195-00-275-5825	RACK WEARING APPR. 12 HANGER	2	EA	59.00	118
4110-00-879-0006	REFRIGERATOR	3	EA	100.00	300
7105-99-005-0006	END TABLE	2	EA	104.00	208
7105-99-005-0004	COFFEE TABLE	2	EA	56.50	113
7125-00-270-7722	STEEL SHELF	5	EA	287.00	1,435
7125-00-062-7894	PARTS BIN	6	EA	234.00	1,404
	BENCH MAINT. W/120v 60HZ AC	9	EA	EST 1,000.00	9,000
7220-00-267-4630	RUBBER MATTING	75	YD	7.60	570
3415-00-517-7754	GRINDER	8	EA	100.93	807
7110-00-113-0454	TABLE, GP	9	EA	135.00	1,215
	STUDENT DESKS	120	EA	13.59	1,635
7110-00-497-1829	FILE CABINET, LEGAL	6	EA	150.50	903
7110-01-135-2000	CRENDENZA	3	EA	241.00	723
7115-99-005-0003	SOFA	1	EA	285.00	285
3610-01-091-9373	COPIER	2	EA	5,335.00	10,670
4110-00-029-0392	REFRIGERATOR, COMPACT	1	EA	263.00	263
4940-00-449-6689	DEGREASER	9	EA	393.00	3,537
4910-00-205-3046	BENCH, WORK	2	EA	392.04	784
4910-01-179-1040	POWER PACK STANDS	6	EA	514.00	3,084
MCMASTER & CARR P. O. Box 440 New Brunswick, NJ 08909 201-329-3200	DOUBLE MODULAR WORK STATION #4704T72, pg 151, Catalog 90	2	EA	1,577.33	3,154

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 29 Oct 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
MCMASTER & CARR #90 7054K14	24 VOLT POWER SUPPLY	2	EA	$ 722.00	$ 1,444
2446T13	HAND TRUCK pg. 278	4	EA	88.26	353
2626T4	CYLINDER TRUCK pg. 276	2	EA	238.64	477
4959T33	FILE, ROLLING (ERO TUB)	5	EA	94.61	473
4477T60	CABINET, FLAMMABLE STORAGE	4	EA	419.02	1,676
	SAFE, 2 DRAWER GSA APPROVED	2	EA		
7995T5	PLATFORM LADDER W/STAND pg 917	2	EA	431.32	863
4756T35	WORK BENCH	10	EA	619.29	6,193
1551K36	WORK LIGHTS	10	EA	163.09	1,631
6483T12	SAFE	1	EA	168.26	168
2176K21	DEHUMIDIFIER	4	EA	352.50	1,410
4002T1	RAG BIN	1	EA	161.00	161
4074T44	WASTE RAG CAN	5	EA	40.77	204
5304K61	AIR HOSE	5	EA	10.98	55
5418K52	NOZZLE AIR HOSE	5	EA	5.60	28
3193A27	MILLING TABLE pg. 1489	1	EA	455.77	456
MCMASTER & CARR #90 8005A11	ELECTRODE OVEN pg. 1944	2	EA	564.32	1,129
5476T16	WLDING CURTAIN pg. 565	2	EA	155.28	310
LINCOLN/MILLER/LINDE	300 AMP WELDER W/TIG	1	EA	8,000.00	8,000
Cancel Item	MIG WELDING UNIT COMPATIBLE TO BASIC UNIT	1	EA	8,000.00	8,000
2141K62	PORTABLE EXHAUST UNIT F/VEH.	1	EA	649.61	650

OLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
ANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 29 Oct 84

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

PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
	WORK BENCH 8'x3'x36" W/1" THICK STEEL PLATE TOP	1	EA	EST $1,000.00	$ 1,000
2437A32	METAL BRAKE	1	EA	2,794.40	2,794
3809A40	POWER METAL SHEER	1	EA	2,373.69	2,374
MCMASTER & CARR #90 9839T15	PLATFORM TRUCK	5	EA	318.18	1,591
9838T44	HYDRAULIC PLATFORM TRUCK pg. 301	3	EA	612.26	1,837
6738A14	SAFETY CAGE, TIRE INFLATION	3	EA	373.75	1,121
	TIRE STORAGE RACK	1	EA	EST 200.00	200
5198T21	PODIUM (LECTERNS) pg. 525	2	EA	416.00	832
5929T27	BLACKBOARD (DRY ERASE) pg. 621	2	EA	250.00	500
6738A16	TIRE CAGE	2	EA	818.00	1,636
5768T6	BULLETIN BOARD, 4'x6'	32	EA	75.60	2,419
MCMASTER & CARR #90 6389T14	VACUUM CLEANER	7	EA	497.34	3,481
6295T31	VACUUM HOSE	6	EA	109.42	657
7260T21	AUTO SCRUBBER	4	EA	2,020.40	8,082
7047K5	BATTERY CHARGER pg. 1284	3	EA	416.44	1,249
7239K1	BATTERY CHARGING STAND pg. 1284	3	EA	234.08	702
MCMASTER & CARR #90 2774A81	DRILL PRESS	1	EA	1,407.46	1,407
3981A21	BANK SAW	1	EA	1,735.00	1,735
3193A12	LATHE investment item	1	EA	4,280.36	4,280
LATHE ACCESSORIES	(see pg. 1489) Cat. 90				
3193A13	CABINET/STAND	1	EA	633.46	633
3191A15	MILLING UNIT	1	EA	1,494.23	1,494

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
PLANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 29 Oct 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
3193A16	4 JAW CHUCK	1	EA	$ 363.46	$ 363
3193A17	CLAMPING PLATE	1	EA	126.92	127
3193A18	3 JAW CHUCK	1	EA	45.00	45
3193A19	MORSE TAPER ARBOR	1	EA	9.23	9
3193A21	FOUR-WAY TOOL POST	1	EA	87.69	87
3193A31	QUICK CHANGE TOOL POST	1	EA	237.69	238
3193A23	STANDARD TOOL HOLDER	1	EA	23.08	23
3193A24	FIXED STEADY REST	1	EA	139.62	140
3193A25	23 PC. COLLET SET	1	EA	721.15	721
3193A26	6 PC. TURNING TOOL SET	1	EA	105.54	106
Walter M. Ballard Co. 7705 Georgia Ave., N.W. Washington, DC	TIRE RACK (16" tires) 12' #7511	3	EA	101.95	306
W.M. Ballard (above)	Upright assembly for above rack #7533	2	EA	29.95	60
	WORK BENCH 8'x34"x40" w/ metal top and drain	40	EA	150.00	6,000
McMaster Carr	3-tier battery shelf, Long John pg. 129 No. 4670T41	2	EA	576.01	1,152
Brodhead-Garrett 2448 Industrial Park Drive, POB 4707 Macon, GA 31208	Tire tub leak detector Tube test tank No. 3109 Stk # 420218 pg. 478 80-81 catalog	1	EA	24.70	25
	Air Flate Tire Changer Model 30-30A Stock #390353 pg. 478 80-81 catalog	1	EA	1,424.50	1,425
McMaster Carr	Ribbed steel pallet #8748T2 pg. 259, Cat. 90	5	EA	113.33	567

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 29 Oct 84

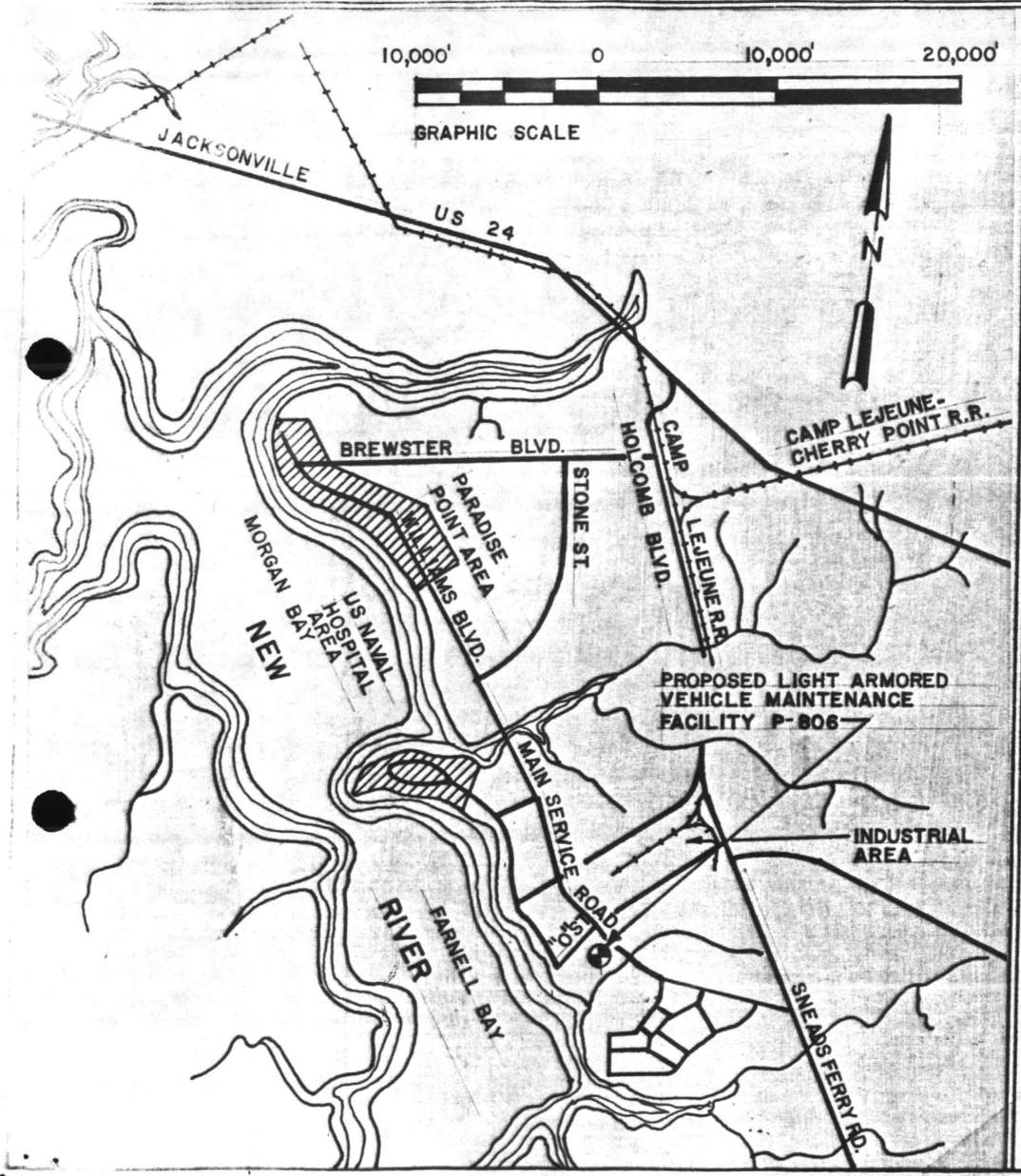
1. ACTIVITY (Name and Location)
MARINE CORPS BASE, CAMP LEJEUNE, NC 28542

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN. TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
	TOTAL EXPENSE ITEMS				188,455
3. INVESTMENT ITEMS:	None Welder & Lathe				
4. APA EQUIPMENT:	None				
5. TRAINING EQUIPMENT:	None				
6. SUMMARY:	1. BUILT-IN EQUIPMENT TO BE MCON FUNDED			SAY	533,880 534,000
	2. EXPENSE ITEMS				188,455
	3. INVESTMENT ITEMS				0
	4. APA EQUIPMENT				0
	5. TRAINING EQUIPMENT				0
	6. OTHER EXPENSES				0
	7. EQUIPMENT ON HAND				0
	TOTAL EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS			SAY	188,455 188,000

MARINE CORPS BASE, CAMP LEJEUNE, NC	PROJECT TITLE LAV MAINTENANCE FACILITY	P- 806	DATE 29OCT84



A&E/GF	PLANS AND SPECIFICATIONS			CONSTR	DESIGN PROGRESS INFO PROVIDED CONGRESS
NAME AND LOCATION	TOWNSEND ARCHITECTURAL-PLANNING GROUP GREENVILLE, SC			AWARD DATE (Est.)	START DATE:
				MONTHS 16	COMPLETION DATE
DATES	AWARD	35% COMPLETION	100% COMPLETION	BOD	COMPLETE 1 JAN ___ %
					COMPLETE 1 OCT ___ %

COMPARATIVE COST DATA		
H OK L	AREA FACTOR:	UNIT COST ($)
UNIT COST FOR THIS PROJECT ON DD 1391		
DOD COST REVIEW GUIDE (ADJUSTED)		
OTHER PROJECTS IN THIS PROGRAM (ADJUSTED)		

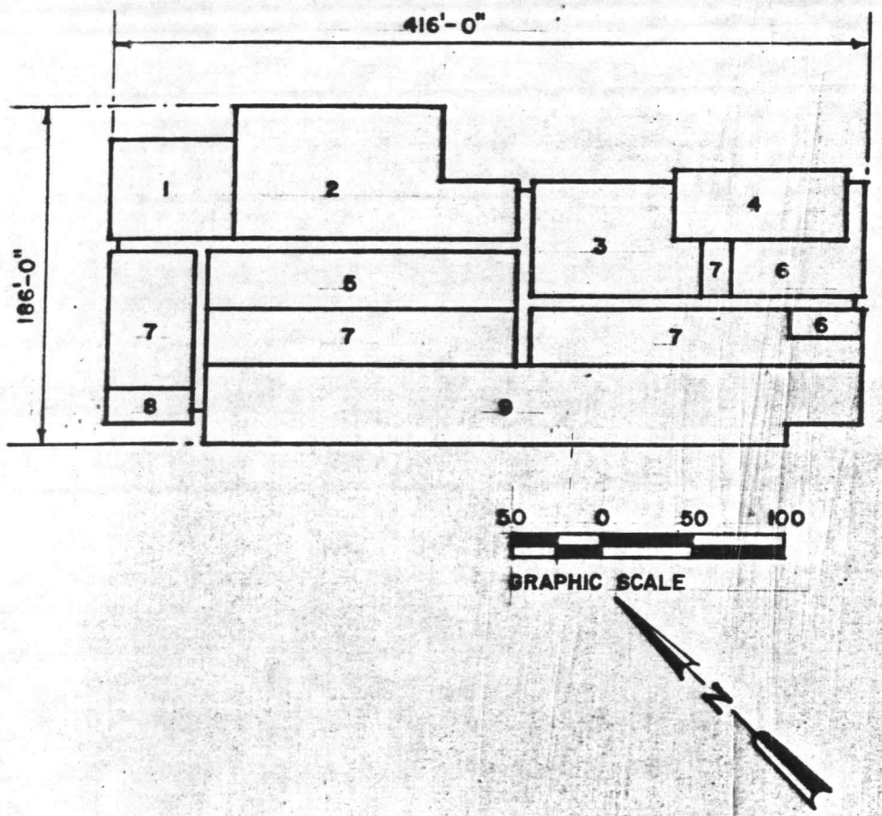
ENGINEERING DATA	
DD 1391 COST PROJECTION DATA	
INCREASE - TOTAL %	PROJECTION DATES (From-- To)
INCREASE MONTH %	INDEX SOURCE
SITE CONDITION, SPECIAL DESIGN CONSIDERATIONS, TECHNICAL PROBLEMS, ETC. OTHER THAN SHOWN ON DD 1391	

BUILT-IN EQUIPMENT; FEC DATA; SPECIAL OVERSEAS OVERHEAD COSTS; EXPLANATION OF DEMOLITION

W-1

PREPARED BY: Name _____ Extension _____ APPROVED BY ASSISTANT DIVISION DIRECTOR: CODE _____ INITIALS _____

INSTALLATION	PROJECT TITLE	PROJECT NUMBER	DATE
MARINE CORPS BASE, CAMP LEJEUNE, NC	LAV MAINTENANCE FACILITY		29 OCT 84



AREA INDEX

1	Armory	6	Motor Transport Admin
2	Ready/Issue Storage	7	LAV Support
3	Elecnx/Comm Maint	8	Mech Rm
4	Motor Transport Maint	9	LAV Maint
5	Lockers, Toilets, Classrooms		See enlarged floor plan

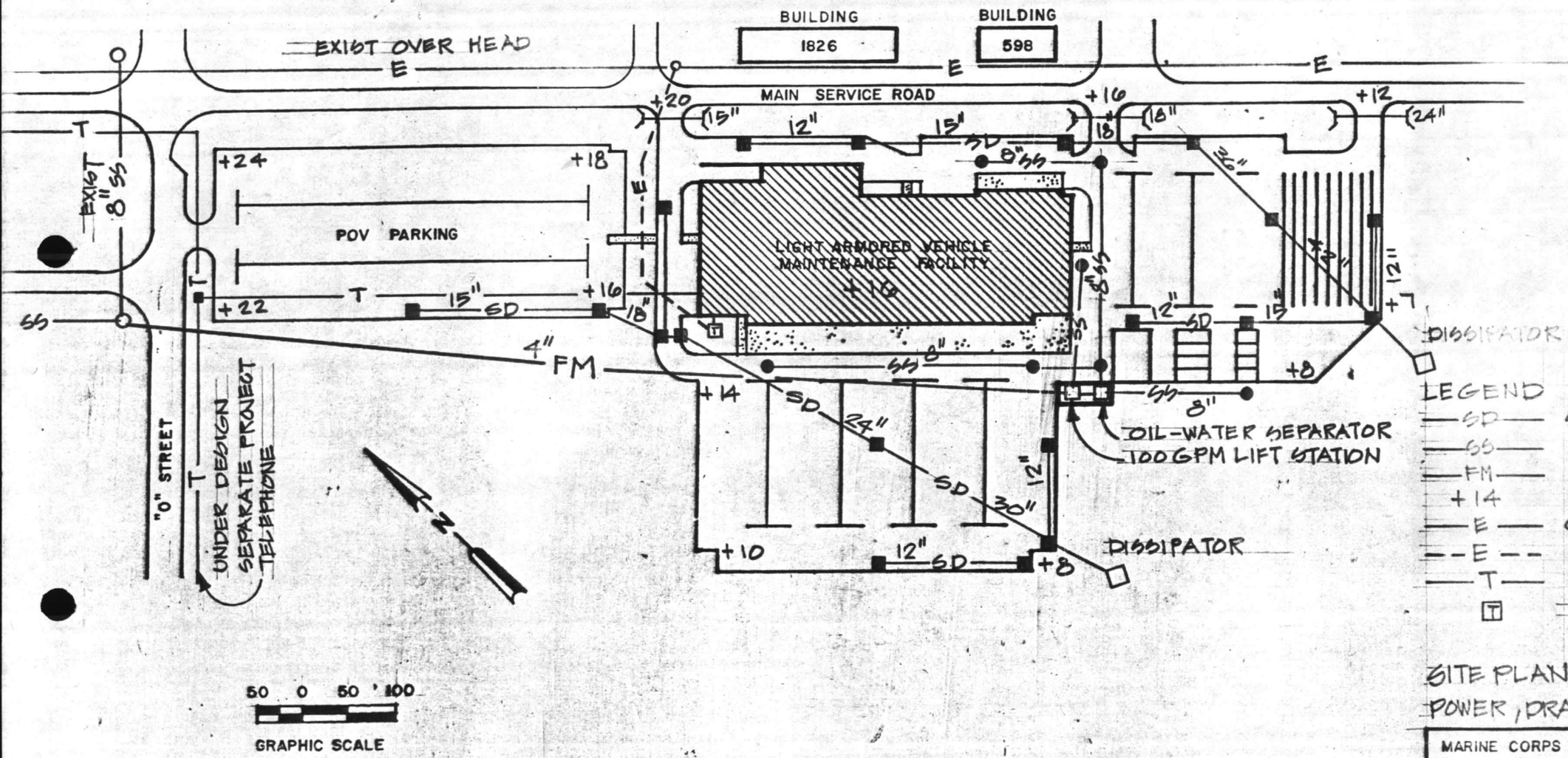
A&E/GF	PLANS AND SPECIFICATIONS			CONSTR	PROGRESS INFO (CONGRESS)
NAME AND LOCATION	TOWNSEND ARCHITECTURAL-PLANNING GROUP GREENVILLE, SC			AWARD DATE (Est.)	START DATE
				MONTHS 16	COMPLETION DATE
DATES	AWARD	35% COMPLETION	100% COMPLETION	BOD	COMPLETE 1 JAN %
					COMPLETE 1 OCT %

COMPARATIVE COST DATA			ENGINEERING DATA	
H OK L	AREA FACTOR:	UNIT COST ($)	DD 1391 COST PROJECTION DATA	
UNIT COST FOR THIS PROJECT ON DD 1391			INCREASE - TOTAL %	PROJECTION DATES (From - To)
DOD COST REVIEW GUIDE (ADJUSTED)			INCREASE/MONTH %	INDEX SOURCE
OTHER PROJECTS IN THIS PROGRAM (ADJUSTED)			SITE CONDITION, SPECIAL DESIGN CONSIDERATIONS, TECHNICAL PROBLEMS, ETC. OTHER THAN SHOWN ON DD 1391	

BUILT-IN EQUIPMENT; FEC DATA; SPECIAL OVERSEAS OVERHEAD COSTS; EXPLANATION OF DEMOLITION

W-1

PREPARED BY: Name _____ Extension _____ APPROVED BY ASSISTANT DIVISION DIRECTOR: CODE _____ INITIALS _____



LEGEND

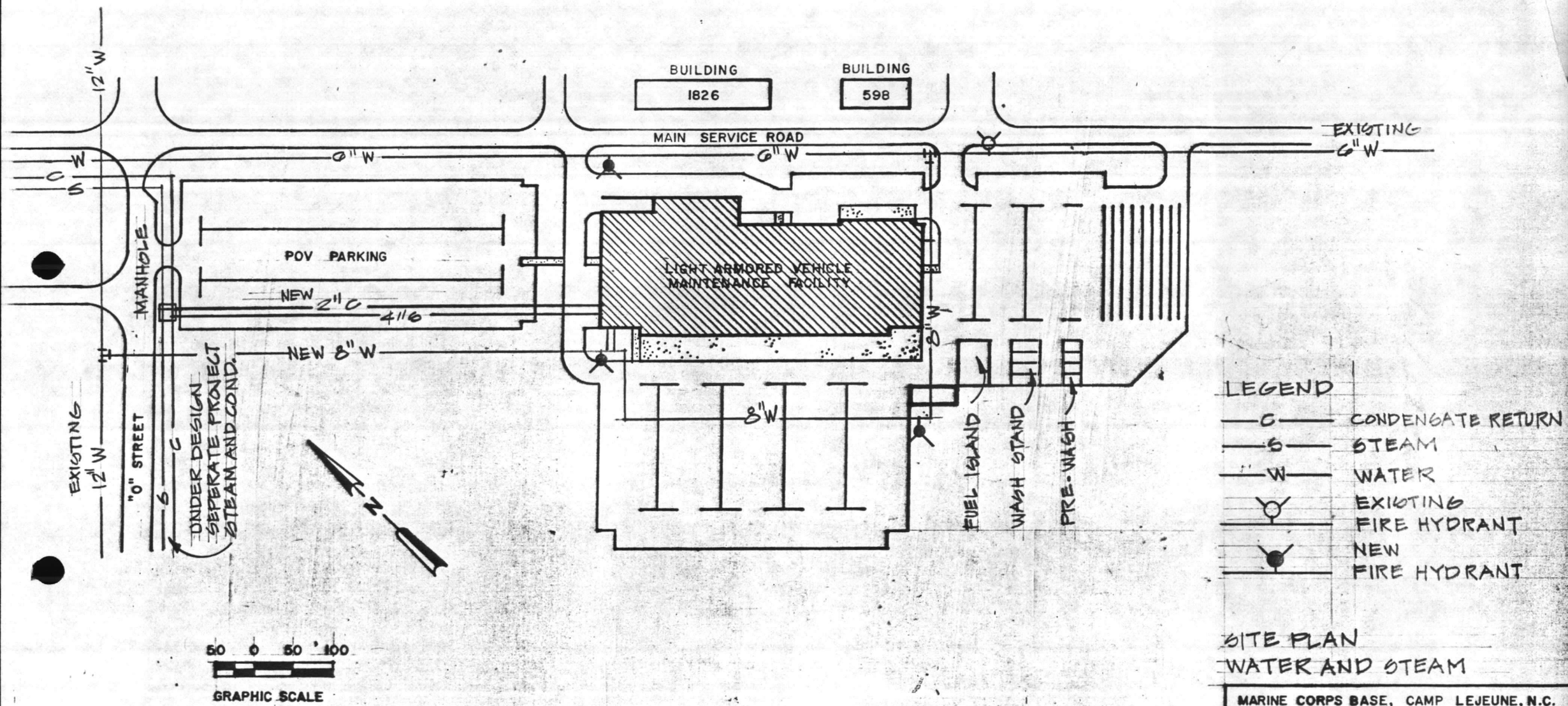
—SD—	STORM DRAIN
—SS—	S. SEWER
—FM—	FORCE MAIN
+14	SPOT ELEVATION
—E—	OVERHEAD POWER
--E--	UNDERGROUND POWER
—T—	TELEPHONE
[T]	PADMTED TRANSF

SITE PLAN
POWER, DRAINAGE AND SEWER

MARINE CORPS BASE, CAMP LEJEUNE, N.C.

LIGHT ARMORED VEHICLE MAINTENANCE FACILITY (P-806)

TOWNSEND ARCHITECTURAL PLANNING GROUP
GREENVILLE, S.C. 29608



SITE PLAN
WATER AND STEAM

MARINE CORPS BASE, CAMP LEJEUNE, N.C.

LIGHT ARMORED VEHICLE
MAINTENANCE FACILITY
(P-806)

TOWNSEND ARCHITECTURAL
PLANNING GROUP
GREENVILLE, S.C. 29608

04 K
408

UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542-5001

FILE
WCB

11013
FAC
2 APR 1986

FIRST ENDORSEMENT on CG 2dMarDiv ltr 11000 G-4 FAC of 17 Apr 1986

From: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune
To: Public Works Officer

Subj: MILITARY CONSTRUCTION PROJECT (MCON) P-806 (COMBAT VEHICLE AND COMM/ELEC MAINT SHOP, LAV BN)

1. Forwarded.

2. Recommend you discuss Items 1a, 1d and 1g with Captain Flores, extension 2417/5111.

R. A. Tiebout
R. A. TIEBOUT

Copy to:
CG, 2d MarDiv

UNITED STATES MARINE CORPS
2d Marine Division, Fleet Marine Force
Camp Lejeune, North Carolina 28542-5500

IN REPLY REFER TO
11000
G-4 FAC
17 APR 1988

From: Commanding General, 2d Marine Division, FMF
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina (Attn: AC/S, Facilities)

Subj: MILITARY CONSTRUCTION PROJECT (MCON) P-806 (COMBAT VEHICLE AND COMM/ELEC MAINT SHOP, LAV BN)

Ref: (a) MCB 90% Design MTG for MCON project P-806 of 13 Jan 86
(b) OPNAV 5530.13
(c) DoD Instr. 4270.1

1. The 90% design drawings for MCON Project P-806 (Combat Vehicle and Communications/ Electronics Maintenance Shop) for 2d Light Armored Vehicle Battalion were reviewed during the reference. This command reviewed and concurs with the design drawings with the following recommended changes/comments:

a. The Intrusion Detection System (IDS) for the Armory will not be installed under the construction contract. Therefore, an alternative must be sought for installation of an IDS system in accordance with references (b) and (c).

b. The positioning of mechanical equipment (i.e., air conditioners , etc.) should be installed on roof of the building to prevent vehicles, etc., from damaging it.

c. Modification of the armory to meet the specifications set forth in reference (b).

d. Plans should be made for the conversion of all but one MOGAS fuel storage tanks to DF-2.

2. As a related matter, a meeting was conducted with units that possess similar "on-line" maintenance facilities to identify problem areas. Those areas have been identified, discussed and resolved with the individuals at public works that are principally concerned. They are:

a. That there is enough electrical current to charge 3 or 4 batteries simultaneously in the battery shop.

b. That the large sliding bay doors are highly durable and operate easily by hand.

c. That the wash pump oil/water separator contain piping large enough to prevent clogging by sand sedimentation.

d. That the hydraulic lifts for wheeled vehicles have sufficient pressure through all ambient temperature ranges.

e. That steam cleaner systems produce wet vice dry steam.

f. That the overhead crane system be capable of lifting engine/transmission systems.

g. That each of the four commodity sections have a minimum of (1) one class "A" and (1) one class "C" phone.

Tel

3. Point of contact at this headquarters is Captain Flores, Division Facilities Officer at extensions 2417/5111.

J. A. MARAPOTI
By direction

Copy to:
CO, 2d LAV BN (Attn: S-4)

P-806

Gene Lowery
Jerry
04-K
408

6280/5
PAC
21 APR 1986

From: Commanding General, Marine Corps Base, Camp Lejeune
To: District Engineer, Department of the Army, Wilmington District, Corps of Engineers, P.O. Box 1890, Wilmington, North Carolina 28402

Subj: APPLICATION FOR SECTION 404 PERMIT: P-806, LIGHT ARMORED VEHICLE MAINTENANCE SHOP, CONTRACT NO. 84-4142

Ref: (a) Onsite mtg btwn Mr. Beine, USCOE, Mr. Mercer, N.C. Div of Coastal Mgmt., Mr. Sonnonberg, William Renninger Associates, and Mr. Alexander, PAC, MCB of 27 Mar 86.

Encl: (1) Application for Permit to Place Fill in Wetlands

1. As discussed during the referenced site visit, the subject permit application is forwarded at the enclosure. For further information, call Mr. Alexander, FTS 476-3034.

M. A. TIEBOUT
By direction

Copy to:
N.C. Div of Coastal Mgmt, Morehead City, N.C.
LANTDIV (Code 85A)

Blind copy to:
PWO
NREAD
EnvEngr

Lejeune

APPLICATION
FOR

PERMIT TO EXCAVATE AND/OR FILL EASEMENT IN LANDS COVERED BY WATER

WATER QUALITY CERTIFICATION
CAMA PERMIT FOR MAJOR DEVELOPMENT

Department of Administration (GS 146-12)

State of North Carolina
Department of Natural Resources and Community Development
(GS 113-229, 143-215.3(a)(1), 143-215.3(c), 113A-118

Department of the Army
Corps of Engineers, Wilmington District
(33 CFR 209.320-329)

Please type or print and fill in all blanks. If information is not applicable, so indicate by placing N/A in blank.

I. Applicant Information
A. Name Colonel R.A. Tiebout, Assistant Chief of Staff, Facilities
(Last, First, Middle)
B. Address Marine Corps Base
(Street, P. O. Box or Route)
Camp LeJeune N.C. 28542 919-451-1833
(City or Town, State, Zip Code, Phone)

II. Location of Proposed Project:
A. County Onslow
B. 1. City, town, community or landmark Camp LeJeune M.C. Base
2. Is proposed work within city limits? Yes X No ____
C. Creek, river, sound or bay upon which project is located or nearest named body of water to project New River

III. Description of Project
A. 1. Maintenance of existing project ____ 2. New work X
B. Purpose of excavation or fill
1. Access channel ____ length ____ width ____ depth ____
2. Boat basin ____ length ____ width ____ depth ____
3. Fill area X length 370' width 30' depth 4-10'
4. Other ____ length ____ width ____ depth ____
C. 1. Bulkhead length N/A Average distance waterward of MHW (shoreline) ____
2. Type of bulkhead construction (material) ____
D. Excavated material (total for project)
1. Cubic yards N/A 2. Type of material ____
E. Fill material to be placed below ~~MHW~~ OHW (see also VI A)
1. Cubic yards 1600 C.Y. 2. Type of material loose to firm fine sands

IV. Land Type, Disposal Area, and Construction Equipment
A. Does the area to be excavated include any marshland, swamps or other wetland? Yes ____ No X
B. Does the disposal area include any marshland, swamps or other wetland? Yes X No ____
C. Disposal Area
1. Location N/A
2. Do you claim title to disposal area? ____
D. Fill material source if fill is to be trucked in onsite upland area
E. How will excavated material be entrapped and erosion controlled? diversion ditches, silt fences, traps, and basins will be used in accordance with an approved plan by state of N.C.
F. Type of equipment to be used typical large earth moving equipment
G. Will marshland be crossed in transporting equipment to project site? If yes, explain N/A

P-806; Light Armored Vehicle (LAV) Maintenance Shop
Design Contract #84-4142 Camp Lejeune, N.C.

D&F-81
Rev. 10/78

V. Intended Use of Project Area (Describe)

A. 1. Private _____

2. Commercial _____

3. Housing Development or Industrial _____

4. Other Vehicle Maintenance Facility

B. 1. Lot size(s) N/A

2. Elevation of lot(s) above mean high water Finish floor elevation 16.00 m.s.l.

3. Soil type and texture loose to firm sands and sandy clays

4. Type of building facilities or structures concrete block and brick

5. Sewage disposal and/or waste water treatment A. Existing _____ Planned X

B. Describe lift station and force main to existing sewer system at "O" street

6. Land Classification (circle one) DEVELOPED TRANSITIONAL COMMUNITY RURAL CONSERVATION OTHER N/A (See CAMA Local Land Use Plan Synopsis)

VI. Pertaining to Fill and Water Quality

A. Does the proposed project involve the placement of fill materials below mean high water? Yes X No _____

B. 1. Will any runoff or discharge enter adjacent waters as a result of project activity or planned use of the area following project completion? Yes X No _____

2. Type of discharge stormwater

3. Location of discharge 80-100' ± from Cogdels Creek into wooded wetland

VII. Present rate of shoreline erosion (if known): N/A

VIII. List permit numbers and issue dates of previous Department of Army Corps of Engineers or State permits for work in project area, if applicable: N/A

IX. Length of time required to complete project: 18 months, August "86" to January "88"

X. In addition to the completed application form, the following items must be provided:

A. Attach a copy of the deed (with State application only) or other instrument under which applicant claims title to the affected property. OR if applicant is not claiming to be the owner of said property, then forward a copy of the deed or other instrument under which the owner claims title plus written permission from the owner to carry out the project on his land.

B. Attach an accurate work plat drawn to scale on 8½ X 11" white paper (see instruction booklet for details). Note: Original drawings preferred - only high quality copies accepted.

C. A copy of the application and plat must be served upon adjacent riparian landowners by registered or certified mail or by publication (G.S. 113-229 (d)) Enter date served N/A

D. List names and complete addresses of the riparian landowners with property adjoining applicant's. Such owners have 30 days in which to submit comments to agencies listed below.

N/A

XI. Certification requirement: I certify that to the best of my knowledge, the proposed activity complies with the State of North Carolina's approved coastal management program and will be conducted in a manner consistent with such program.

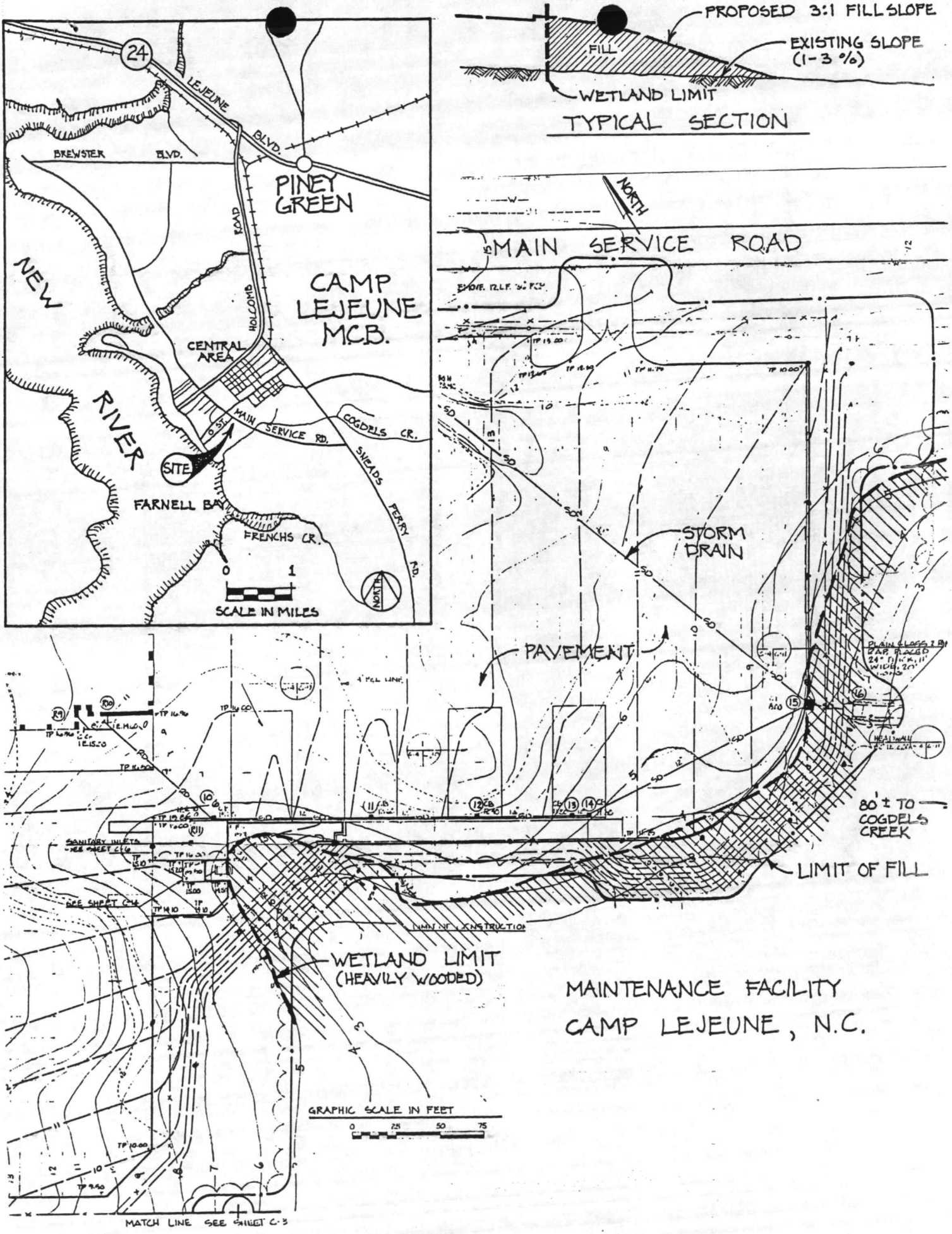
XII. Any permit issued pursuant to this application will allow only the development described in this application and plat. Applicants should therefore describe in the application and plat all anticipated development activities, including construction, excavation, filling, and land clearing.

DATE 21 APR 1986

COLONEL, R.A. TIEBOUT USMC

DAF-82

SEE REVERSE SIDE FOR MAILING INSTRUCTIONS



MAINTENANCE FACILITY
CAMP LEJEUNE, N.C.

File P-806

DEPARTMENT OF THE NAVY SELF-DUPLICATING NOTE

Use only for an informal, preferably hand-written note. Make duplicate only when required for follow-up or working file. See correspondence manual for formal, official memoranda.

TO: LARRY BRANT

☐ ACTION	☐ COORDINATE	☐ PREPARE FOR SIGNATURE
☐ AS DISCUSSED	☐ CORRECTION	☐ REPORT BACK
☐ CALL/SEE ME	☐ INFORMATION	☐ RETURN
☐ COMMENT/CLEAR	☐ PREPARE DRAFT	☐

SUBJ: P-806

1) Well permits: The applicn must include a site map & constrn diagram (see ¶ j+k of applicn).

2) Corps permit: I'm working on it.

r/k
Bob

SED. OWNERSHIP FORMS = Not applicable (see our guidance on ENVIR Permit Directory).

FROM: A

DATE 4/16

EXT.

OPNAV 5216/142 (Rev. 5-74) S/N 0107-LF-778-7110 ☆ U.S. Government Printing Office: 1982—505-106/8666 2-1

Lejeune

NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT

APPLICATION FOR PERMIT TO CONSTRUCT MONITOR/RECOVERY WELL(S)

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION _____, 19____

Gentlemen:

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by Colonel R.A. Tiebout, Assistant Chief of Staff, Facilities (name of well owner) for a permit to construct a monitor/recovery well(s) as described below and in the accompanying data submitted as a part of this application.

(a) Name of property owner: Marine Corps Base, Camp Lejeune

(b) Location of property: Main Service Rd., Camp LeJeune, Onslow
(Road, Industry, Community, etc.) Town County

(c) Type of facility or site being monitored: Vehicle Maintenance Facility

(d) Types of contamination being monitored or recovered: Underground Feul tanks for gasoline and diesel

(e) Existing monitor well numbers: N/A

(f) Existing monitor wells showing contamination (well no.): N/A

(g) Estimated water-table depth: 12 feet

(h) Estimated date of construction: Begin August, 1986 Complete January, 1988

(i) Drilling constractor: _____

(j) Location of well: Provide a detailed map showing the location of the proposed well(s), and of any wells in an existing monitoring system (if applicable), in relation to the pollution source(s) being monitored and to at least two (2) nearby permanent reference points such as roads, intersections, and streams. Identify roads with State Highway road identification numbers. (Show all existing water supply wells within a radius of 1,000 feet of the proposed well.)

(k) Well construction diagram: Provide a diagram showing proposed construction specifications, including diameter, estimated depth, screens, sand pack, grout, type of materials, etc.

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit. As regulated under the Well Construction Standards (Title 15 - North Carolina Administrative Code, Subchapter 2C)

_____
(Mailing Address of Well Owner-Required)

_____
(Mailing Address of Agent-if other than above)

_____
Signature of Well Owner or Agent

_____
Title (if applicable)

FOR OFFICE USE ONLY

PERMIT NO. _____ issued _____ 19___

GW-22B

Permit Duration: Not applicable.

Contact: Appropriate Regional Office, or

Division of Environmental Management
Post Office Box 27687
Raleigh, NC 27611
(919) 733-5083

WELL CONSTRUCTION PERMIT

Type of Project: Required for any person constructing a well with a design capacity of 100,000 gallons per day or greater, or of any well added to an existing well system if the combined system capacity is 100,000 gallons per day or greater. Permit may be required for any well other than individual domestic water supply wells, constructed in an area where the Environmental Management Commission finds, after public hearings, that such a permit is necessary to protect public welfare, safety, and health (capacity use areas). The construction and use of any well for monitoring; recovery of minerals, ores wastes or contaminants, geophysical exploration; oil or gas exploration or recovery; cathodic protection, or with design deviation from the standards specified for a well based on its intended usage, also requires a permit.

Authority: N.C. Gen. Stat. Chapter 87, Article 7

Regulations: 15 NCAC 2C .0100 - .0119

Requirements: Application should be filed 15 to 30 days prior to project initiation with the Division of Environmental Management. All persons in the business of drilling, boring, coring, or constructing wells must be registered. The location, design, and operation of the well must be approved prior to issuance of a permit. Construction standards and well maintenance and abandonment provisions are specified and certain data and records are required.

Sets of Plans: Application submitted in duplicate.

Process Time: 15 day statutory limit; normally 7 days.

Permit Duration: Duration of well construction, but not to exceed 6 months.

Contact: Appropriate Regional Office, or

Division of Environmental Management
Post Office Box 27687
Raleigh, North Carolina 27611
(919) 733-5083

INJECTION WELL CONSTRUCTION/USE PERMIT

Type of Project: Required of any person proposing to construct, alter, repair or abandon any injection well or owning, using, operating or proposing to use or operate any well for the purpose of injecting any substance to the subsurface or groundwaters of the state.

Authority: N.C. Gen. Stat. Chapter 87, Article 7; N.C. Gen. Stat. Chapter 143, Article 21.

Regulations: 15 NCAC 2C .0201 - .0214

Lejeune

NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT

APPLICATION FOR PERMIT TO CONSTRUCT MONITOR/RECOVERY WELL(S)

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION _____, 19____

Gentlemen:

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by Colonel R.A. Tiebout, Assistant Chief of Staff, Facilities (name of well owner) for a permit to construct a monitor/recovery well(s) as described below and in the accompanying data submitted as a part of this application.

(a) Name of property owner: Marine Corps Base, Camp Lejeune

(b) Location of property: Main Service Rd., Camp LeJeune, Onslow
(Road, Industry, Community, etc.) Town County

(c) Type of facility or site being monitored: Vehicle Maintenance Facility

(d) Types of contamination being monitored or recovered: Underground Feul tanks for gasoline and diesel

(e) Existing monitor well numbers: N/A

(f) Existing monitor wells showing contamination (well no.): N/A

(g) Estimated water-table depth: 12 feet

(h) Estimated date of construction: Begin August, 1986 Complete January, 1988

(i) Drilling constractor: _____

(j) Location of well: Provide a detailed map showing the location of the proposed well(s), and of any wells in an existing monitoring system (if applicable), in relation to the pollution source(s) being monitored and to at least two (2) nearby permanent reference points such as roads, intersections, and streams. Identify roads with State Highway road identification numbers. (Show all existing water supply wells within a radius of 1,000 feet of the proposed well.)

(k) Well construction diagram: Provide a diagram showing proposed construction specifications, including diameter, estimated depth, screens, sand pack, grout, type of materials, etc.

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit. As regulated under the Well Construction Standards (Title 15 - North Carolina Administrative Code, Subchapter 2C)

_____
(Mailing Address of Well Owner-Required)

_____
(Mailing Address of Agent-if other than above)

_____
Signature of Well Owner or Agent

_____
Title (if applicable)

FOR OFFICE USE ONLY

PERMIT NO. _____ issued _____ 19___

GW-22B

Permit Duration: Not applicable.

Contact: Appropriate Regional Office, or

Division of Environmental Management
Post Office Box 27687
Raleigh, NC 27611
(919) 733-5083

WELL CONSTRUCTION PERMIT

Type of Project: Required for any person constructing a well with a design capacity of 100,000 gallons per day or greater, or of any well added to an existing well system if the combined system capacity is 100,000 gallons per day or greater. Permit may be required for any well other than individual domestic water supply wells, constructed in an area where the Environmental Management Commission finds, after public hearings, that such a permit is necessary to protect public welfare, safety, and health (capacity use areas). The construction and use of any well for monitoring; recovery of minerals, ores wastes or contaminants, geophysical exploration; oil or gas exploration or recovery; cathodic protection, or with design deviation from the standards specified for a well based on its intended usage, also requires a permit.

Authority: N.C. Gen. Stat. Chapter 87, Article 7

Regulations: 15 NCAC 2C .0100 - .0119

Requirements: Application should be filed 15 to 30 days prior to project initiation with the Division of Environmental Management. All persons in the business of drilling, boring, coring, or constructing wells must be registered. The location, design, and operation of the well must be approved prior to issuance of a permit. Construction standards and well maintenance and abandonment provisions are specified and certain data and records are required.

Sets of Plans: Application submitted in duplicate.

Process Time: 15 day statutory limit; normally 7 days.

Permit Duration: Duration of well construction, but not to exceed 6 months.

Contact: Appropriate Regional Office, or

Division of Environmental Management
Post Office Box 27687
Raleigh, North Carolina 27611
(919) 733-5083

INJECTION WELL CONSTRUCTION/USE PERMIT

Type of Project: Required of any person proposing to construct, alter, repair or abandon any injection well or owning, using, operating or proposing to use or operate any well for the purpose of injecting any substance to the subsurface or groundwaters of the state.

Authority: N.C. Gen. Stat. Chapter 87, Article 7; N.C. Gen. Stat. Chapter 143, Article 21.

Regulations: 15 NCAC 2C .0201 - .0214

Lejeune

NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT

APPLICATION FOR PERMIT TO CONSTRUCT MONITOR/RECOVERY WELL(S)

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION _____, 19____

Gentlemen:

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by Colonel R.A. Tiebout, Assistant Chief of Staff, Facilities (name of well owner) for a permit to construct a monitor/recovery well(s) as described below and in the accompanying data submitted as a part of this application.

(a) Name of property owner: Marine Corps Base, Camp Lejeune

(b) Location of property: Main Service Rd., Camp LeJeune, Onslow
(Road, Industry, Community, etc.) Town County

(c) Type of facility or site being monitored: Vehicle Maintenance Facility

(d) Types of contamination being monitored or recovered: Underground Feul tanks for gasoline and diesel

(e) Existing monitor well numbers: N/A

(f) Existing monitor wells showing contamination (well no.): N/A

(g) Estimated water-table depth: 12 feet

(h) Estimated date of construction: Begin August, 1986 Complete January, 1988

(i) Drilling constractor: _____

(j) Location of well: Provide a detailed map showing the location of the proposed well(s), and of any wells in an existing monitoring system (if applicable), in relation to the pollution source(s) being monitored and to at least two (2) nearby permanent reference points such as roads, intersections, and streams. Identify roads with State Highway road identification numbers. (Show all existing water supply wells within a radius of 1,000 feet of the proposed well.)

(k) Well construction diagram: Provide a diagram showing proposed construction specifications, including diameter, estimated depth, screens, sand pack, grout, type of materials, etc.

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit. As regulated under the Well Construction Standards (Title 15 - North Carolina Administrative Code, Subchapter 2C)

_____
(Mailing Address of Well Owner-Required)

_____
(Mailing Address of Agent-if other than above)

_____
Signature of Well Owner or Agent

_____
Title (if applicable)

FOR OFFICE USE ONLY

PERMIT NO. _____ issued _____ 19___

GW-22B

Permit Duration: Not applicable.

Contact: Appropriate Regional Office, or

Division of Environmental Management
Post Office Box 27687
Raleigh, NC 27611
(919) 733-5083

WELL CONSTRUCTION PERMIT

Type of Project: Required for any person constructing a well with a design capacity of 100,000 gallons per day or greater, or of any well added to an existing well system if the combined system capacity is 100,000 gallons per day or greater. Permit may be required for any well other than individual domestic water supply wells, constructed in an area where the Environmental Management Commission finds, after public hearings, that such a permit is necessary to protect public welfare, safety, and health (capacity use areas). The construction and use of any well for monitoring; recovery of minerals, ores wastes or contaminants, geophysical exploration; oil or gas exploration or recovery; cathodic protection, or with design deviation from the standards specified for a well based on its intended usage, also requires a permit.

Authority: N.C. Gen. Stat. Chapter 87, Article 7

Regulations: 15 NCAC 2C .0100 - .0119

Requirements: Application should be filed 15 to 30 days prior to project initiation with the Division of Environmental Management. All persons in the business of drilling, boring, coring, or constructing wells must be registered. The location, design, and operation of the well must be approved prior to issuance of a permit. Construction standards and well maintenance and abandonment provisions are specified and certain data and records are required.

Sets of Plans: Application submitted in duplicate.

Process Time: 15 day statutory limit; normally 7 days.

Permit Duration: Duration of well construction, but not to exceed 6 months.

Contact: Appropriate Regional Office, or

Division of Environmental Management
Post Office Box 27687
Raleigh, North Carolina 27611
(919) 733-5083

INJECTION WELL CONSTRUCTION/USE PERMIT

Type of Project: Required of any person proposing to construct, alter, repair or abandon any injection well or owning, using, operating or proposing to use or operate any well for the purpose of injecting any substance to the subsurface or groundwaters of the state.

Authority: N.C. Gen. Stat. Chapter 87, Article 7; N.C. Gen. Stat. Chapter 143, Article 21.

Regulations: 15 NCAC 2C .0201 - .0214

DEPARTMENT OF THE NAVY S[illegible] DUPLICATING NOTE

Use only for an informal, preferably hand-written note. Make duplicate only when required for follow-up or working file. See correspondence manual for formal, official memoranda.

TO: MR. BOB ALEXANDER

☐ ACTION	☒ COORDINATE	☒ PREPARE FOR SIGNATURE
☐ AS DISCUSSED	☐ CORRECTION	☐ REPORT BACK
☐ CALL/SEE ME	☐ INFORMATION	☐ RETURN
☐ COMMENT/CLEAR	☐ PREPARE DRAFT	☐

SUBJ: MCON PROJECT P-806 LAV SHOP

1. BOB ATTACHED ARE THE FOLLOWING:
   a. SEDIMENTATION OWNERSHIP FORM
   b. MONITOR WELL PERMIT
   c. PERMIT TO FILL WETLANDS.

2. MR ALAN HORNE OF TAP GROUP SAID WE NEED COL. TIEBOUT'S SIGNATURE ON THE ATTACHMENTS. ALSO MAIL TO DESIGNATED OFFICES.

3. IF ANY QUESTIONS CALL ME!

FROM: LARRY BRANT
PUBLIC WORKS

DATE 15 APR 86

EXT. 1833

OPNAV 5216/142 (Rev. 5-74) S/N 0107-LF-778-7110 ☆GPO: 1980—603-189/8421 2-1

TOWNSEND ARCHITECTURAL • PLANNING GROUP
18 W. McBEE AVE. P.O. BOX 3917 GREENVILLE, S.C. 29608 (803) 271-7678

TAP GROUP

TRANSMITTAL

Colonel R.A. Tiebout
Marine Corps Base
Camp LeJeune, N.C.

ATTENTION: Larry Brant

DATE: 4/11/86
PROJECT NUMBER: LAY
REFERENCE:
SUBJECT: Permits

TAP IS FORWARDING THE FOLLOWING INFORMATION PREPARED BY:

☐ TAP ☐ CONTRACTOR ☐ OWNER ☒ CONSULTANT ☐ OTHER

QTY	MARK	DESCRIPTION	ACTION
2		Sedimentation Ownership Form, Keep one, send one copy	
		to Wilmington Office on last sheet	
3		Monitor Well Permit, Keep one, send two copies to	
		Raleigh Office listed on second sheet	
3		Permit to Fill Wetlands, Keep one, send one to	
		Wilmington Office and one to Morehead City	
		Office listed on last sheet	

Y – YOUR USE
YR – YOUR REVIEW AND REPLY
B – BID OR COST ESTIMATE
C – CONSTRUCTION
P – FOR PAYMENT

R – REVIEWED
F – FURNISH AS CORRECTED
RR – REVISE AND RESUBMIT
RJ – REJECTED

COMMENTS:

XC:

TAP GROUP

BY: Scott Somenberg

Lejeune

FINANCIAL RESPONSIBILITY/OWNERSHIP FORM
SEDIMENTATION POLLUTION CONTROL ACT

No person may initiate any land-disturbing activity covered by the Act before this form has been completed and filed with the appropriate Regional Office of the Land Quality Section, N.C. Department of Natural Resources and Community Development. A map is included showing the various regional office representatives. (Please type or print and, if question is not applicable, place N/A in the blank.)

Part A.

1. Location of land-disturbing activity? County Onslow, City or Township Camp LeJeune, and Highway/Street Main Service Rd..

2. Approximate date land-disturbing activity will be commenced? 8/86.

3. Purpose of development (residential, commercial, industrial, etc.)? Federal Maintenance Facility.

4. Approximate acreage of land to be disturbed or uncovered? 11.5 Acres

5. Has an erosion and sedimentation control plan been filed?
Yes X No _____

6. Land owner(s) of Record (Use blank page to list additional owners.):

Colonel R.A. Tiebout, Assistant Chief of Staff, Facilities	
Name	Name
Marine Corps Base	
Current Mailing Address	Current Mailing Address
Camp LeJeune N.C. 28542	
City State Zip	City State Zip
919-451-1833	
Telephone Number	Telephone Number

7. Indicate County, Book, and Page where deed or instrument is filed (Use blank page to list additional deeds or instruments):

County N/A Book _____ Page _____

County _____ Book _____ Page _____

Part B.

1. Person(s) or firm(s) financially responsible for this land-disturbing activity.

Colonel R.A. Tiebout
Name of Person or Firm

Name of Person or Firm

Same
Mailing Address

Mailing Address

City State Zip

City State Zip

Telephone

Telephone

2. Registered agent, if any, for the person or firm who is financially responsibe:

Colonel R.A. Tiebout
Name

City State Zip

Same
Mailing Address

Telephone

3. The above information is true and correct to the best of my knowledge and belief and was provided by me while under oath. (This form must be signed by the financially responsible person if an individual and by an officer, director, partner, attorney-in-fact, or other person with authority to execute instruments for the financially responsible person if not an individual.)

Date

Type or Print Name

Title or Authority

Signature

I, _____, a Notary Public of the County of _____, State of North Carolina, hereby certify that _____ personally before me this day and under oath acknowledged that the above form was executed by him.

Witness my hand and notarial seal, this _____day of _____, 19_____.

Notary

My Commission expires _____.

DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT

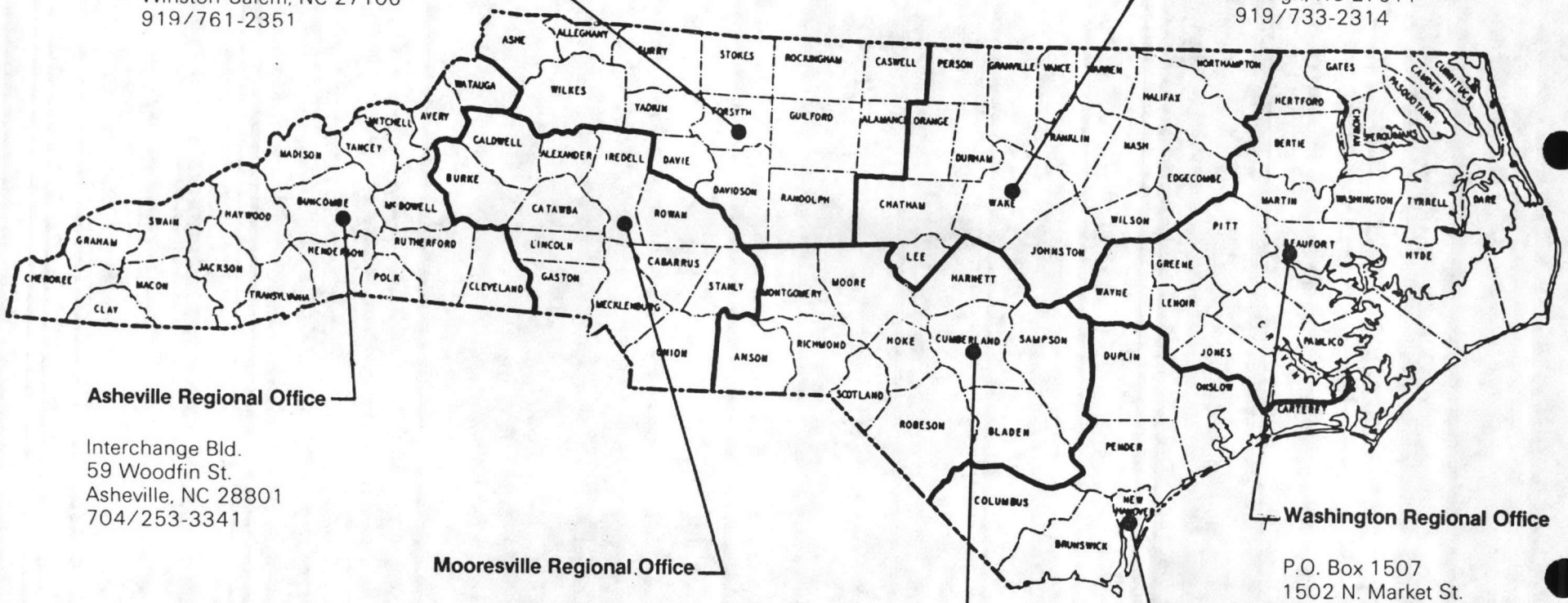
Regional Offices

Winston-Salem Regional Office

8003 North Point Blvd.
Winston-Salem, NC 27106
919/761-2351

Raleigh Regional Office

P. O. Box 27687
3800 Barrett Drive
Raleigh, NC 27611
919/733-2314



Asheville Regional Office

Interchange Bld.
59 Woodfin St.
Asheville, NC 28801
704/253-3341

Mooresville Regional Office

P.O. Box 950
919 N. Main St.
Mooresville, NC 28115
704/663-1699

Fayetteville Regional Office

Wachovia Bld.
Suite 714
Fayetteville, NC 28301
919/486-1541

Washington Regional Office

P.O. Box 1507
1502 N. Market St.
Washington, NC 27889
919/946-6481

Wilmington Regional Office

7225 Wrightsville Ave.
Wilmington, NC 28403
919/256-4161

Lejeune

FINANCIAL RESPONSIBILITY/OWNERSHIP FORM
SEDIMENTATION POLLUTION CONTROL ACT

No person may initiate any land-disturbing activity covered by the Act before this form has been completed and filed with the appropriate Regional Office of the Land Quality Section, N.C. Department of Natural Resources and Community Development. A map is included showing the various regional office representatives. (Please type or print and, if question is not applicable, place N/A in the blank.)

Part A.

1. Location of land-disturbing activity? County Onslow, City or Township Camp LeJeune, and Highway/Street Main Service Rd..

2. Approximate date land-disturbing activity will be commenced? 8/86.

3. Purpose of development (residential, commercial, industrial, etc.)? Federal Maintenance Facility.

4. Approximate acreage of land to be disturbed or uncovered? 11.5 Acres

5. Has an erosion and sedimentation control plan been filed?
Yes X No _____

6. Land owner(s) of Record (Use blank page to list additional owners.):

Colonel R.A. Tiebout, Assistant Chief of Staff, Facilities	
Name	Name
Marine Corps Base	
Current Mailing Address	Current Mailing Address
Camp LeJeune N.C. 28542	
City State Zip	City State Zip
919-451-1833	
Telephone Number	Telephone Number

7. Indicate County, Book, and Page where deed or instrument is filed (Use blank page to list additional deeds or instruments):

County N/A Book _____ Page _____

County _____ Book _____ Page _____

Part B.

1. Person(s) or firm(s) financially responsible for this land-disturbing activity.

Colonel R.A. Tiebout
Name of Person or Firm

Name of Person or Firm

Same
Mailing Address

Mailing Address

City State Zip

City State Zip

Telephone

Telephone

2. Registered agent, if any, for the person or firm who is financially responsibe:

Colonel R.A. Tiebout
Name

City State Zip

Same
Mailing Address

Telephone

3. The above information is true and correct to the best of my knowledge and belief and was provided by me while under oath. (This form must be signed by the financially responsible person if an individual and by an officer, director, partner, attorney-in-fact, or other person with authority to execute instruments for the financially responsible person if not an individual.)

Date

Type or Print Name

Title or Authority

Signature

I, _____, a Notary Public of the County of _____, State of North Carolina, hereby certify that _____ personally before me this day and under oath acknowledged that the above form was executed by him.

Witness my hand and notarial seal, this _____day of _____, 19_____.

Notary

My Commission expires _____.

DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT

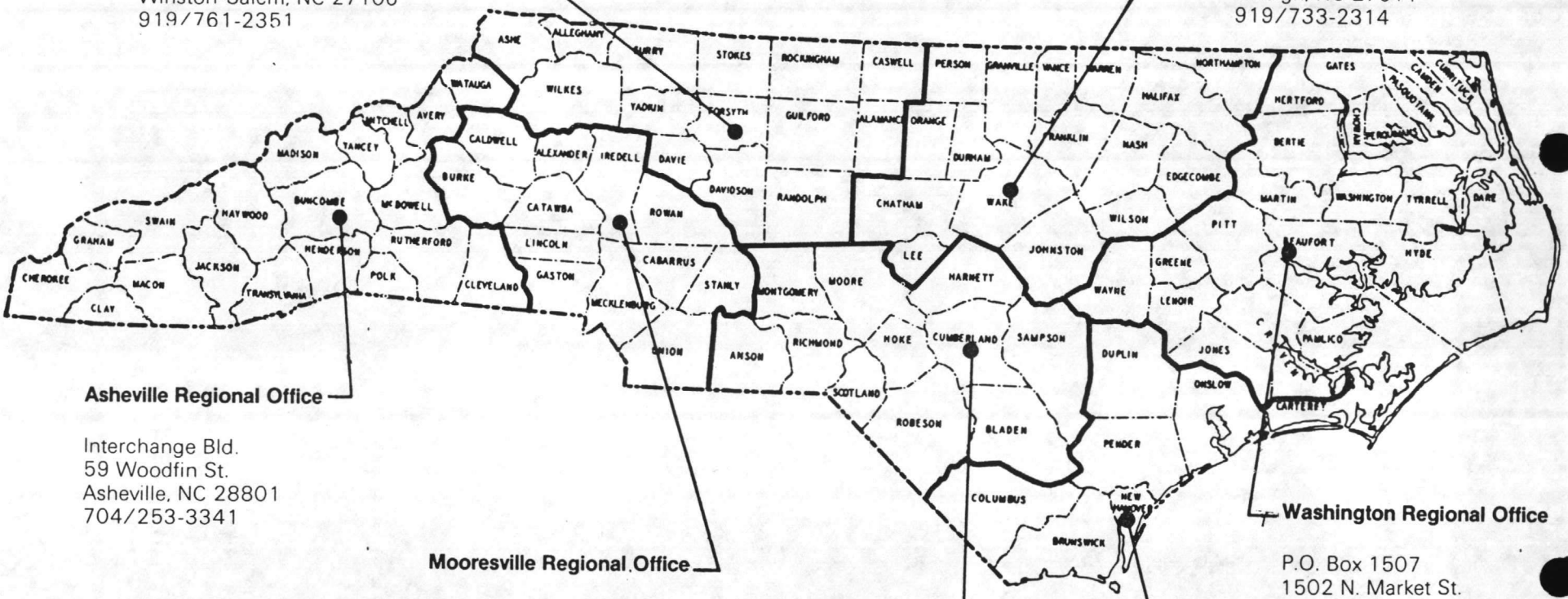
Regional Offices

Winston-Salem Regional Office

8003 North Point Blvd.
Winston-Salem, NC 27106
919/761-2351

Raleigh Regional Office

P. O. Box 27687
3800 Barrett Drive
Raleigh, NC 27611
919/733-2314



Asheville Regional Office

Interchange Bld.
59 Woodfin St.
Asheville, NC 28801
704/253-3341

Mooresville Regional Office

P.O. Box 950
919 N. Main St.
Mooresville, NC 28115
704/663-1699

Fayetteville Regional Office

Wachovia Bld.
Suite 714
Fayetteville, NC 28301
919/486-1541

Washington Regional Office

P.O. Box 1507
1502 N. Market St.
Washington, NC 27889
919/946-6481

Wilmington Regional Office

7225 Wrightsville Ave.
Wilmington, NC 28403
919/256-4161

DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511-6287

TELEPHONE NO.
444-9670
IN REPLY REFER TO:
11010
09A21B3

17 DEC 1984

From: Commander, Atlantic Division, Naval Facilities Engineering Command
To: Commander, Naval Facilities Engineering Command (Code 05)

Subj: FY 1986 PROJECT ENGINEERING DOCUMENTATION (PED) FOR PROJECT P-806, LIGHT ARMORED VEHICLE MAINTENANCE FACILITY, MARINE CORPS BASE, CAMP LEJEUNE, NC

Ref: (a) NAVFACENGCOM ltr 0512A1/AGT of 9 Nov 1983
(b) NAVFACINST 11010.14N of 4 May 1983
(c) NAVFACINST 11010.32
(d) MCB CAMP LEJEUNE ltr 11000 PWO of 17 Sep 1984

Encl: (1) Subject PED with Witness Data Sketch (5 copies)
(2) Project Design and Construction Data

1. As requested by reference (a), enclosures (1) and (2), prepared in accordance with reference (b), are submitted.

2. It is certified that: (a) the PED has been prepared in accordance with reference (b); (b) project scope and cost are the minimum required to satisfy the operational requirements and are supported by current SFPS documentation in accordance with reference (c); (c) the utilities are included in this project; (d) the facility design is generally acceptable to the Activity Commanding Officer, and satisfies the Activity's requirements; and (e) the DD Form 1391 has been reviewed by both the Activity and LANTNAVFACENGCOM.

3. The subject project was authorized for design by reference (a) in the budget amount of $7.1 million. During Project Engineering Documentation (PED), Mr. A. Recachinas (LFF-HQMC) and Mr. E. G. Jones (Planning Branch, Public Works Officer, MCB CAMP LEJEUNE) revised the DD Form 1391 (dated 4 September 1984), to a new budget amount of $6.6 million as submitted to CMC by reference (d). Telephone authorization was given to this office to proceed on the basis of the revised DD Form 1391 for PED submission.

4. By copy of this letter, the CMC and the MCB CAMP LEJEUNE are requested to provide any comments directly to NAVFACENGCOM (attention Code 05) with a copy to LANTNAVFACENGCOM (attention Code 09A2). If no comments are submitted within 30 days, concurrence will be assumed.

E. W. Atkinson

E. W. ATKINSON, P. E.
By direction

Copy to: (w/2 copies encl (1))
CMC
MCB CAMP LEJEUNE

Subj: FY 1986 MCON Project Design and Construction Data; submission of

1. The following information is submitted for MCON Project:

P-806	LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	MCB CAMP LEJEUNE
P-No.	Title	Activity

a. Design dates: (Express date as month-year, i.e. 1-83)

Start Date 15 Sep 84 (Actual A/E contract date or in-house work start date)

% as of 1 Jan 35 % (anticipated % complete upon congressional submission; if less than 35%, provide statement on reverse side)

% as of 1 Oct 100 % (anticipated % complete at beginning of fiscal year of execution

Complete date Sep 85 (p&s complete and ready to reproduce for advertisement, actual or scheduled date)

35% submit date Dec 84 (actual or scheduled date)

b. Design type

X Unique design for this job only, or

____ "Standard" design.
If standard design, indicate type and identify:

____ Conceptual Definitive (P-272, Part I)_____

____ Detailed Definitive (P-272, Part II)_____

____ Standard Construction Drawing/Specification (P-34)_____

____ Site Adaptation_____
(Identify specific definitive or standard as listed in applicable publication, or identify project and location of site adapted design.)

c. Design accomplished by: X A/E ____ In-house

d. Design Cost ($000):

1. 230 Production of plans and specs (costs included within the six percent statutory cost limitations).
2. 119 All other design costs (other A/E costs & In-house costs)
3. 349 Total (1) + (2) which also equals (4) + (5)
4. 296 All contract costs
5. 53 All In-house costs

e. Project construction contract award date: Jan 86

2. The above information is consistent with project Witness Data (Form W-1).

Enclosure (2)

FOR OFFICIAL USE ONLY

DATE: 21 NOV 84

DEPARTMENT OF THE NAVY

PROJECT ENGINEERING DOCUMENTATION

LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

(P-806)

FY 1986 MCON

MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

ADMINISTERED BY:

ATLANTIC DIVISION
NAVAL FACILITIES
ENGINEERING COMMAND
NORFOLK, VA. 23511

PREPARED BY:

TOWNSEND ARCHITECTURAL
PLANNING GROUP
P. O. BOX 3917
GREENVILLE, S.C. 29608

1. COMPONENT	FY 19 86 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		21 NOV 1984

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	214-51	P-806	5,700

9. COST ESTIMATES

Escalation; 6% ITEM	Escalated to 1 APRIL 1986	U/M	QUANTITY	UNIT COST	COST ($000)
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY		SF	66,700	58.32	3,890
Building		SF	66,700	52.52	(3,503)
Built-in Equipment		LS			(387)
SUPPORTING FACILITIES		LS			1,254
Utilities		LS			(308)
Parking & Sidewalks		SY	36,150		(513)
Site Improvements		LS			(433)
SUBTOTAL					5,144
CONTINGENCY (5%)					257
TOTAL CONTRACT COST					5,401
SUPERVISION, INSPECTION, & OVERHEAD (5.5%)					297
TOTAL REQUEST					5,698
TOTAL REQUEST, ROUNDED					5,700
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS			(NON ADD)		(188)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

A one story building with high bays of steel frame on spread footing with masonry walls, concrete floors and built-up roof. Overhead doors, fire protection and alarm systems, energy conservation and pollution abatement features, wash aprons, pavements, security fencing, lighting and utilities connections are included in the project. (Air Conditioning: 100 tons)

11. REQUIREMENTS:

PROJECT: Provide maintenance, armory and storage facilities for the Light Armored Vehicle (LAV) Battalion of the 2d Marine Division.

REQUIREMENT: Shops and storage required to carry out an adequate maintenance program for assigned vehicles and electronic equipment.

CURRENT SITUATION: This is a new mission to be effective by FY-1985. There are no adequate facilities available to support this mission.

IMPACT IF NOT PROVIDED: Maintenance capabilities will be adversely affected as these are new combat vehicles with complex maintenance requirements. Further, the new Highly-Mobile Maintenance Vehicle (HMMV) will be part of the T/E for this LAV Battalion.

☆U.S. GOVERNMENT PRINTING OFFICE: 1982-505-106/6653

1. COMPONENT	FY 1986 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		21 NOV 84

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE	5. PROJECT NUMBER
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	P-806

ENVIRONMENTAL IMPACT: The project Environmental Assessment Statement has been reviewed, and where required, the design concepts give consideration to eliminating adverse environmental effects consistent with applicable directives.

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 possesses a significant quality of American history.

FLOOD PLAIN MANAGEMENT AND WETLANDS PROTECTION: Requirements of Executive Order No. 11988 (Floodplain Management) and Executive Order No. 11990 (Protection of Wetlands) are not applicable.

COASTAL ZONE MANAGEMENT: In accordance with the Coastal Zone Management Act of 1972 (as amended), this project will not directly affect the coastal zone and a coastal consistency determination is not required.

POLLUTION PREVENTION, ABATEMENT, AND CONTROL: This project will not cause addition air or water pollution.

DESIGN FOR HANDICAPPED: Provisions for physically handicapped personnel not required in this facility. Use is restricted to able-bodied military personnel.

ENDANGERED SPECIES PROTECTION: This project will not jeopardize conservation of endangered or threatened species.

INTERGOVERNMENTAL COORDINATION: No intergovernmental coordination is required for this project.

ECONOMIC ANALYSIS: A secondary economic analysis was prepared for this project.

BUDGET ESTIMATE FOR P-806

Title: LIGHT ARMORED VEHICLE MAINTENANCE FACILITY Costs Escalated to: 1 APRIL 1986
Location: MCB, CAMP LEJEUNE, NC Escalation: 6% Contingency: 5%
Prepared By: TOWNSEND ARCHITECTURAL-PLANNING GROUP Date: 21 NOV 84

	$/SF	$/SYS	SYS QUAN		TOTAL	BUILDING	BUILT-IN EQUIPMENT
Primary Facility							
01 Foundation System	2.46	2.46	66700	SF	164000	164000	0
02 Slab on Grade	3.46	3.46	66700	SF	231000	231000	0
03 Structural System	5.05	5.05	66700	SF	337000	337000	0
06 Roof System	6.30	6.30	66700	SF	420000	420000	0
07 Exterior Wall System	6.22	10.38	33540	SF	348000	348000	0
08 Interior Wall System	5.31	6.62	53500	SF	354000	354000	0
09 Interior Finishes System	3.15	3.15	66700	SF	210000	210000	0
10 Doors & Windows System	3.58	25.87	9240	SF	239000	239000	0
11 Specialties System	1.47	1.47	66700	SF	98000	98000	0
12 Plumbing, Domestic	2.10	1029.41	136	EA	140000	140000	0
13 Roof Drainage	0.72	1170.73	41	EA	48000	48000	0
16 Air Conditioning	3.37	2250.00	100	TNS	225000	225000	0
17 Heating & Ventilation	5.58	57.23	6500	MBTU	372000	372000	0
18 Engine Exhaust System	0.28	1.76	10800	CFM	19000	0	19000
20 Compressed Air System	0.42	700.00	40	CFM	28000	0	28000
22 Hoist	1.48	1237.50	80	TNS	99000	0	99000
26 Sprinkler System	1.17	1.17	66700	SF	78000	0	78000
28 Fire Alarm System	0.54	0.54	66700	SF	36000	0	36000
31 Power System	1.54	206.00	500	KW	103000	103000	0
32 Lighting System	1.98	1.98	66700	SF	132000	132000	0
34 Security Detection System	0.13	0.13	66700	SF	9000	0	9000
39 EMCS	1.23	321.57	255	EA	82000	82000	0
41 Telephone System	0.58	0.58	66700	SF	39000	0	39000
42 Intercom System	0.27	0.27	66700	SF	18000	0	18000
47 Special Equipment	0.91	0.91	66700	SF	61000	0	61000
Subtotal Building	58.32		66700	SF	3890000	3503000	387000
Supporting Facilities							
50 Electrical Distribution	-	33.33	300	LF	10000		
51 Electrical Substation	-	32.00	500	KVA	16000		
52 Area Lighting	-	1120.00	50	EA	56000		
54 Communication	-	25.00	600	LF	15000		
58 Heat Distribution	-	120.41	980	LF	118000		
60 Sanitary Sewers	-	18.08	2600	LF	47000	Sys. 50-62	
62 Water Distribution	-	20.40	2255	LF	46000	Utilities	308000
74 Parking	-	14.19	3600	SY	511,000	Sys. 74-75	
75 Sidewalks	-	13.33	150	SY	2000	Parking & Walks	513,000
S1 Waste Oil Collection	-	2.33	3000	GAL	7000		
S2 Fuel Islands	-	1.41	32000	GAL	45000		
68 Lift/Pumping Station	-	430.00	100	GPM	43000		
T1 Wash Aprons	-	43.24	925	SY	40000		
78 Storm Drainage	-	47.86	2800	LF	134000		
79 Site Earthwork	-	1.49	43000	CY	64000		
80 Borrow	-	4.83	6000	CY	29000		
81 Topsoil, Seed	-	2.35	1700	SY	4000		
82 Landscaping	-	6.29	3500	SY	22000		
83 Site Improvements	-	57.14	70	SY	4000		
84 Surcharge/Earth Repl.	-	4.35	1150	SY	5000	Sys.S1-85	
85 Fencing	-	13.85	2600	LF	36000	Site Imprvmnt.	433,000
Subtotal Supporting Facilities							1,254,000

Total Estimated Contract Cost: 1 Apr. 1986	$5,144,000
Contingency (5%)	$ 257,000
SIOH (5.5%)	$ 297,000
Total Budget Cost	$5,698,000
Rounded	$5,700,000

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 21 NOV 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
1. BUILT-IN EQUIPMENT TO BE MCON FUNDED	* Security detection system	1	SYS	9000.00	9000.00
	*Compressed Air System, w/air Compressor, 150 PSI (2 stage, 40 CFM), 3 phase, 3 wire, 220V, 15 HP	1	SYS	28000.00	28000.00
	*Sprinkler System	1	SYS	78000.00	78000.00
	*Telephone System	1	SYS	39000.00	39000.00
	*Intercom System	1	SYS	18000.00	18000.00
	*Fire Alarm System	1	SYS	36000.00	36000.00
	*Vehicle Engine Exhaust System	1	SYS	19000.00	19000.00
	*Acid resistant sink w/bench CW & acid neutralization tank	2	EA	1600.00	3200.00
	*Lube dispensing equipment including air pumps, hose reel assemblies, piping, couplers, valves, regulators, meters, & controls, HD for 10,30, & 90 wt. oils and chassis lube. 150 PSI compressed air.	1	SYS	43800.00	43800.00
	*Twin post electo/hydraulic lift, HD 43,000 lb capacity	3	EA	13667.00	41000.00
	*10 ton overhead bridge crane 15 HP 208V, 3 phase, 60 cycle, 120V power controls.	2	EA	29000.00	58000.00
	*Tire changer, elec, Bishman Co., fractional HP, 280V, 3-phase, 3 wire.	2	EA	7000.00	14000.00
	*Equipment with associated installation cost				
	TOTAL BUILT-IN EQUIPMENT TO BE MCON FUNDED				387000.00

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 21 NOV 84

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

PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO.
P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
2. EXPENSE ITEMS;					
7110-00-C00-0387	EXECUTIVE CHAIR ROTARY W/ARMS	8	EA	$ 387.00	$ 3,096
7110-00-149-1631	DESK DP	7	EA	254.00	1,778
7110-00-149-1630	DESK DP	36	EA	227.51	8,190
7110-00-149-1628	DESK SP	27	EA	171.48	4,630
7110-01-015-1361 &	DESK W/ATTACHEMENTS FOR SEC.	16	EA	262.00	4,192
7110-01-016-7147	AND GEN. CLERICAL	16	EA	177.00	2,832
7110-00-082-6231	CHAIR ROTARY W/ARMS	51	EA	63.46	3,236
7110-00-958-8044	CHAIR ROTARY W/O ARMS	41	EA	61.82	2,535
7110-00-190-5795	CHAIR STRAIGHT W/ARMS	12	EA	49.39	593
7110-00-497-2506	CABINET FILING	25	EA	131.80	3,295
7125-00-764-6141	CABINET STORAGE	56	EA	155.76	8,723
7110-00-151-6485	STAND OFFICE MACHINE	8	EA	101.00	808
7430-01-023-0678	IBM TYPEWRITER	9	EA	567.00	5,103
7110-00-471-4039	BOOKCASE, TOP	49	EA	8.80	431
7110-00-831-7430	BOOKCASE SECTION	174	EA	33.00	5,742
7110-00-112-0045	BOOKCASE BASE	49	EA	5.50	270
7125-00-285-3049	KEY LOCKER, 96 KEY	14	EA	34.00	476
7195-00-004-6716	RACK, WEARING APPER.	17	EA	35.00	595
7520-00-285-5416	WASTE BASKET	71	EA	2.90	206
6645-00-530-3342	CLOCK, WALL	27	EA	9.40	254
6730-00-116-1618	VIEWER, MICROFICHE	10	EA	144.25	1,442
7460-01-071-3680	STAND, ROTARY, MICROFICHE	15	EA	91.00	1,365
7460-01-049-6381	PANELS, MICROFICHE	800	EA	1.00	800
7110-00-634-8596	STOOL W/BACK	61	EA	28.00	1,708

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 21 NOV 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
7420-01-016-7752	CALCULATOR	3	EA	$ 165.17	$ 496
7910-00-680-8296	BUFFER	3	EA	185.44	556
	STEEL PALLET W/CAGE	5	EA	50.00	250
7195-00-275-5825	RACK WEARING APPR. 12 HANGER	2	EA	59.00	118
4110-00-879-0006	REFRIGERATOR	3	EA	100.00	300
7105-99-005-0006	END TABLE	2	EA	104.00	208
7105-99-005-0004	COFFEE TABLE	2	EA	56.50	113
7125-00-270-7722	STEEL SHELF	5	EA	287.00	1,435
7125-00-062-7894	PARTS BIN	6	EA	234.00	1,404
	BENCH MAINT. W/120v 60HZ AC	9	EA	EST 1,000.00	9,000
7220-00-267-4630	RUBBER MATTING	75	YD	7.60	570
3415-00-517-7754	GRINDER	8	EA	100.93	807
7110-00-113-0454	TABLE, GP	9	EA	135.00	1,215
	STUDENT DESKS	120	EA	13.59	1,635
7110-00-497-1829	FILE CABINET, LEGAL	6	EA	150.50	903
7110-01-135-2000	CRENDENZA	3	EA	241.00	723
7115-99-005-0003	SOFA	1	EA	285.00	285
3610-01-091-9373	COPIER	2	EA	5,335.00	10,670
4110-00-029-0392	REFRIGERATOR, COMPACT	1	EA	263.00	263
4940-00-449-6689	DEGREASER	9	EA	393.00	3,537
4910-00-205-3046	BENCH, WORK	2	EA	392.04	784
4910-01-179-1040	POWER PACK STANDS	6	EA	514.00	3,084
MCMASTER & CARR P. O. Box 440 New Brunswick, NJ 08909 201-329-3200	DOUBLE MODULAR WORK STATION #4704T72, pg 151, Catalog 90	2	EA	1,577.33	3,154

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 21 NOV 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO.
P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
MCMASTER & CARR #90 7054K14	24 VOLT POWER SUPPLY	2	EA	$ 722.00	$ 1,444
2446T13	HAND TRUCK pg. 278	4	EA	88.26	353
2626T4	CYLINDER TRUCK pg. 276	2	EA	238.64	477
4959T33	FILE, ROLLING (ERO TUB)	5	EA	94.61	473
4477T60	CABINET, FLAMMABLE STORAGE	4	EA	419.02	1,676
	SAFE, 2 DRAWER GSA APPROVED	2	EA		
7995T5	PLATFORM LADDER W/STAND pg 917	2	EA	431.32	863
4756T35	WORK BENCH	10	EA	619.29	6,193
1551K36	WORK LIGHTS	10	EA	163.09	1,631
6483T12	SAFE	1	EA	168.26	168
2176K21	DEHUMIDIFIER	4	EA	352.50	1,410
4002T1	RAG BIN	1	EA	161.00	161
4074T44	WASTE RAG CAN	5	EA	40.77	204
5304K61	AIR HOSE	5	EA	10.98	55
5418K52	NOZZLE AIR HOSE	5	EA	5.60	28
3193A27	MILLING TABLE pg. 1489	1	EA	455.77	456
MCMASTER & CARR #90 8005A11	ELECTRODE OVEN pg. 1944	2	EA	564.32	1,129
5476T16	WLDING CURTAIN pg. 565	2	EA	155.28	310
LINCOLN/MILLER/LINDE	300 AMP WELDER W/TIG	1	EA	8,000.00	8,000
	MIG WELDING UNIT COMPATIBLE TO BASIC UNIT	1	EA	8,000.00	8,000
2141K62	PORTABLE EXHAUST UNIT F/VEH.	1	EA	649.61	650

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 21 NOV 84

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

PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO.
P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
	WORK BENCH 8'x3'x36" W/1" THICK STEEL PLATE TOP	1	EA	EST $1,000.00	$ 1,000
2437A32	METAL BRAKE	1	EA	2,794.40	2,794
3809A40	POWER METAL SHEER	1	EA	2,373.69	2,374
MCMASTER & CARR #90 9839T15	PLATFORM TRUCK	5	EA	318.18	1,591
9838T44	HYDRAULIC PLATFORM TRUCK pg. 301	3	EA	612.26	1,837
6738A14	SAFETY CAGE, TIRE INFLATION	3	EA	373.75	1,121
	TIRE STORAGE RACK	1	EA	EST 200.00	200
5198T21	PODIUM (LECTERNS) pg. 525	2	EA	416.00	832
5929T27	BLACKBOARD (DRY ERASE) pg. 621	2	EA	250.00	500
6738A16	TIRE CAGE	2	EA	818.00	1,636
5768T6	BULLETIN BOARD, 4'x6'	32	EA	75.60	2,419
MCMASTER & CARR #90 6389T14	VACUUM CLEANER	7	EA	497.34	3,481
6295T31	VACUUM HOSE	6	EA	109.42	657
7260T21	AUTO SCRUBBER	4	EA	2,020.40	8,082
7047K5	BATTERY CHARGER pg. 1284	3	EA	416.44	1,249
7239K1	BATTERY CHARGING STAND pg. 1284	3	EA	234.08	702
MCMASTER & CARR #90 2774A81	DRILL PRESS	1	EA	1,407.46	1,407
3981A21	BANK SAW	1	EA	1,735.00	1,735
3193A12	LATHE	1	EA	4,280.36	4,280
LATHE ACCESSORIES	(see pg. 1489) Cat. 90				
3193A13	CABINET/STAND	1	EA	633.46	633
3191A15	MILLING UNIT	1	EA	1,494.23	1,494

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 21 NOV 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
3193A16	4 JAW CHUCK	1	EA	$ 363.46	$ 363
3193A17	CLAMPING PLATE	1	EA	126.92	127
3193A18	3 JAW CHUCK	1	EA	45.00	45
3193A19	MORSE TAPER ARBOR	1	EA	9.23	9
3193A21	FOUR-WAY TOOL POST	1	EA	87.69	87
3193A31	QUICK CHANGE TOOL POST	1	EA	237.69	238
3193A23	STANDARD TOOL HOLDER	1	EA	23.08	23
3193A24	FIXED STEADY REST	1	EA	139.62	140
3193A25	23 PC. COLLET SET	1	EA	721.15	721
3193A26	6 PC. TURNING TOOL SET	1	EA	105.54	106
Walter M. Ballard Co. 7705 Georgia Ave., N.W. Washington, DC	TIRE RACK (16" tires) 12' #7511	3	EA	101.95	306
W.M. Ballard (above)	Upright assembly for above rack #7533	2	EA	29.95	60
	WORK BENCH 8'x34"x40" w/ metal top and drain	40	EA	150.00	6,000
McMaster Carr	3-tier battery shelf, Long John pg. 129 No. 4670T41	2	EA	576.01	1,152
Brodhead-Garrett 2448 Industrial Park Drive, POB 4707 Macon, GA 31208	Tire tub leak detector Tube test tank No. 3109 Stk # 420218 pg. 478 80-81 catalog	1	EA	24.70	25
	Air Flate Tire Changer Model 30-30A Stock #390353 pg. 478 80-81 catalog	1	EA	1,424.50	1,425
McMaster Carr	Ribbed steel pallet #8748T2 pg. 259, Cat. 90	5	EA	113.33	567

COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
LANTDIV NORVA 4-11010/6 (Rev.11/81)

DATE 21 NOV 84

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

2. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

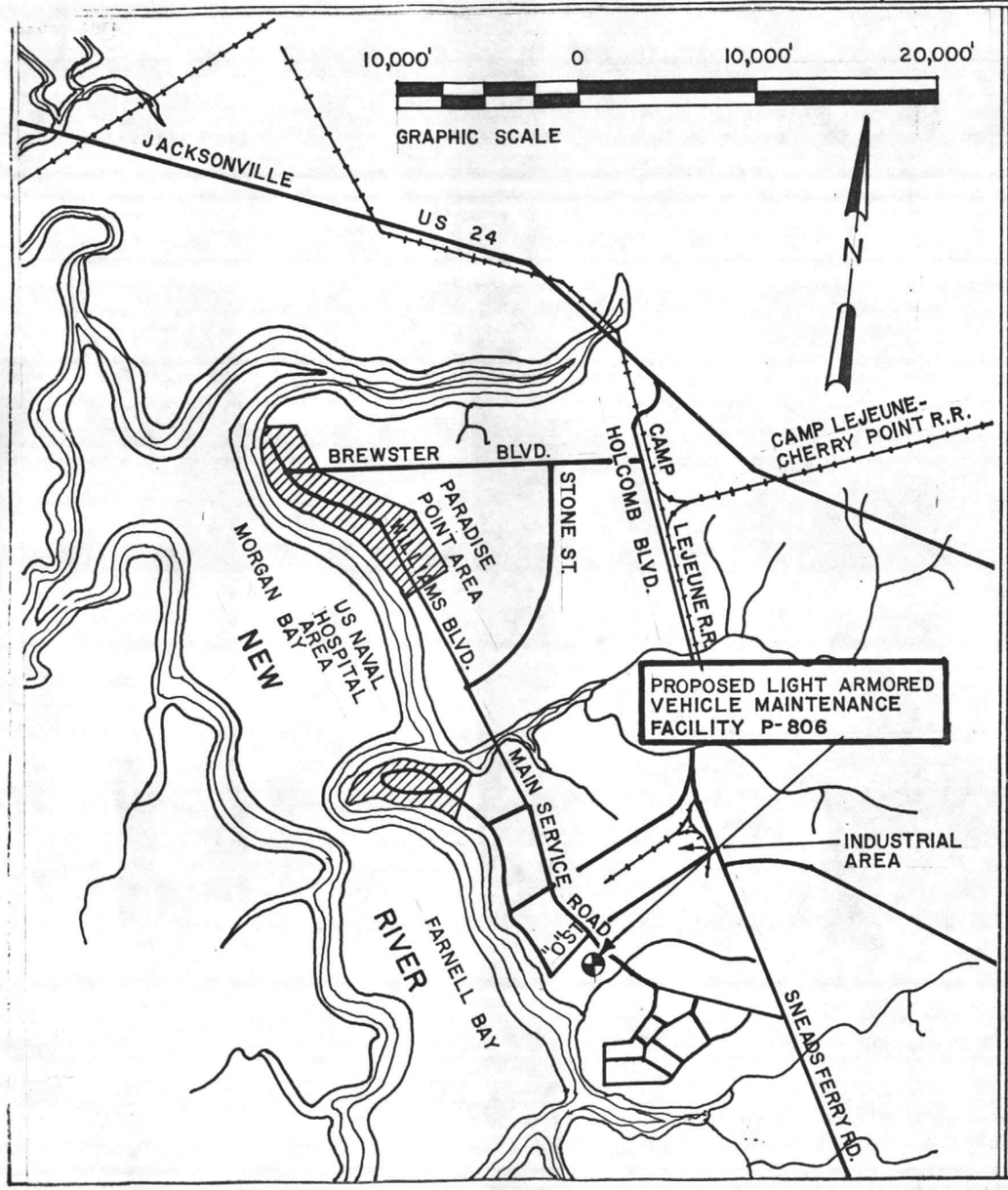
P. NO. P-806

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
	TOTAL EXPENSE ITEMS				188,455
3. INVESTMENT ITEMS:	None				
4. APA EQUIPMENT:	None				
5. TRAINING EQUIPMENT:	None				
6. SUMMARY:	1. BUILT-IN EQUIPMENT TO BE MCON FUNDED				387,000
	2. EXPENSE ITEMS				188,455
	3. INVESTMENT ITEMS				0
	4. APA EQUIPMENT				0
	5. TRAINING EQUIPMENT				0
	6. OTHER EXPENSES				0
	7. EQUIPMENT ON HAND				0
	TOTAL EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				188,455
				SAY	188,000

MILITARY CONSTRUCTION PROJECT WITNESS DATA

FY PROGRAM 1986

MARINE CORPS BASE, CAMP LEJEUNE, NC	PROJECT TITLE LAV MAINTENANCE FACILITY	P- 806	DATE 21 NOV 84



A&E/GF	PLANS AND SPECIFICATIONS			CONSTR	DESIGN PROGRESS INFO PROVIDED CONGRESS
NAME AND LOCATION	TOWNSEND ARCHITECTURAL-PLANNING GROUP GREENVILLE, SC			AWARD DATE (Est.)	START DATE:
				MONTHS 16	COMPLETION DATE:
DATES	AWARD	35% COMPLETION	100% COMPLETION	BOD	COMPLETE 1 JAN ___ %
					COMPLETE 1 OCT ___ %

COMPARATIVE COST DATA		
H OK L	AREA FACTOR:	UNIT COST ($)
UNIT COST FOR THIS PROJECT ON DD 1391		
DOD COST REVIEW GUIDE (ADJUSTED)		
OTHER PROJECTS IN THIS PROGRAM (ADJUSTED)		

ENGINEERING DATA	
DD 1391 COST PROJECTION DATA	
INCREASE TOTAL %	PROJECTION DATES (From-- To)
INCREASE MONTH - %	INDEX SOURCE
SITE CONDITION, SPECIAL DESIGN CONSIDERATIONS, TECHNICAL PROBLEMS, ETC. OTHER THAN SHOWN ON DD 1391	

BUILT-IN EQUIPMENT; FEC DATA; SPECIAL OVERSEAS OVERHEAD COSTS; EXPLANATION OF DEMOLITION

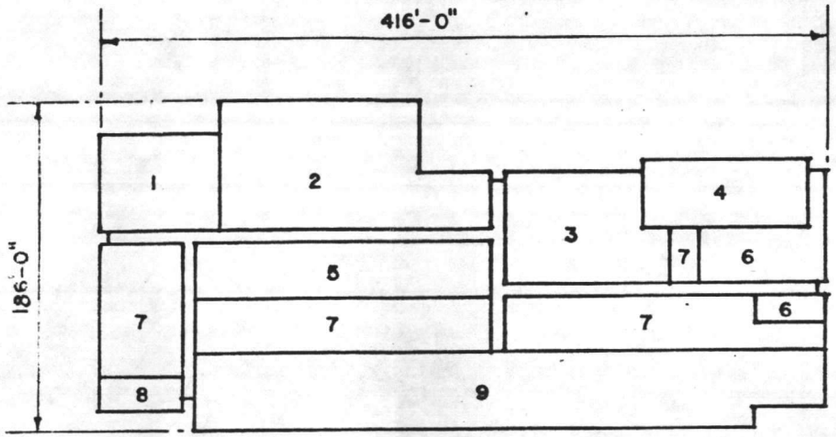
W-1

PREPARED BY Name _____ Extension _____

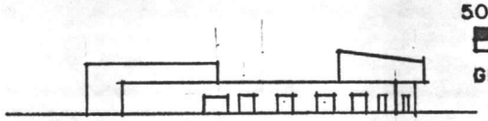
APPROVED BY ASSISTANT DIVISION DIRECTOR: CODE _____ INITIALS _____

1986

MARINE CORPS BASE, CAMP LEJEUNE, NC	PROJECT TITLE LAV MAINTENANCE FACILITY	P 806	DATE 21 NOV 84

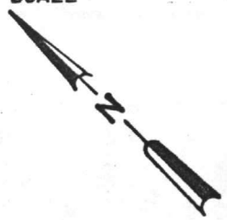


FLOOR PLAN



N.W. ELEVATION

GRAPHIC SCALE



AREA INDEX

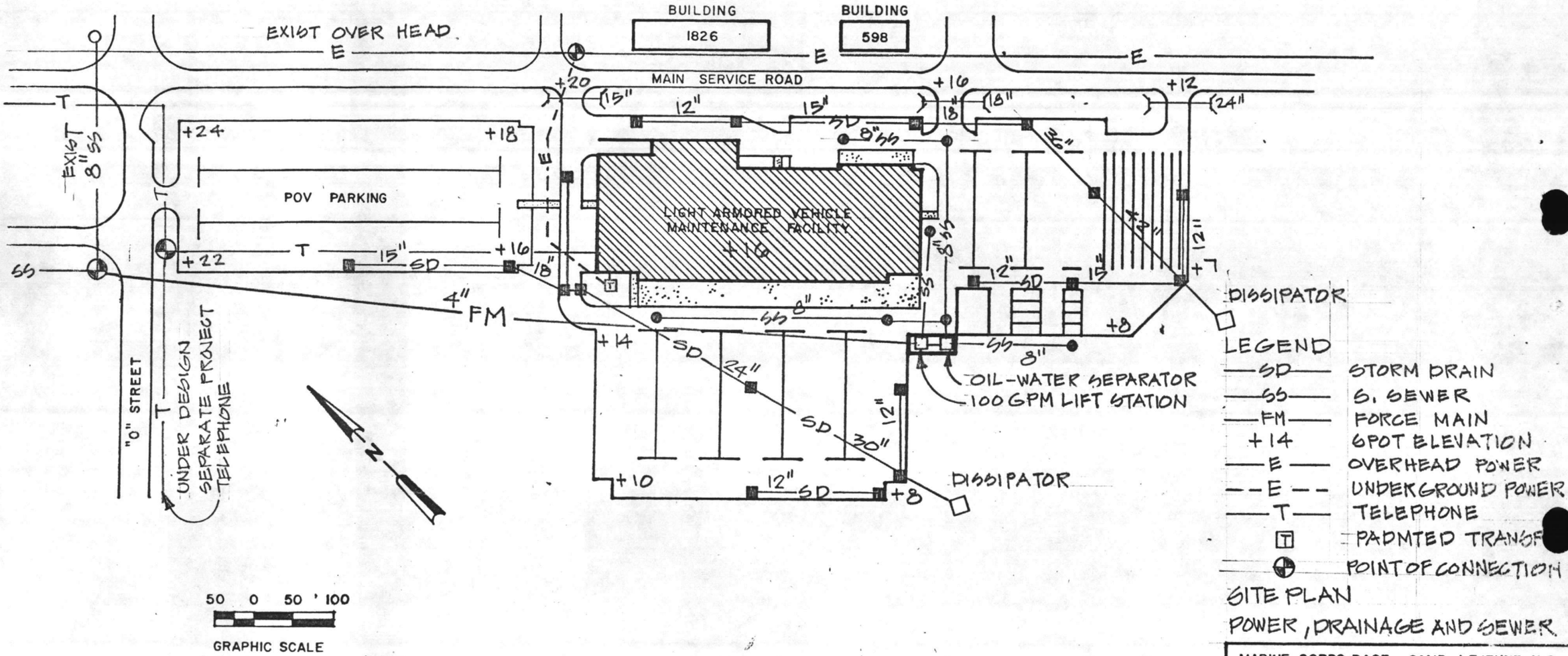
1	Armory	6	Motor Transport Admin
2	Ready/Issue Storage	7	LAV Support
3	Elecnx/Comm Maint	8	Mech Rm
4	Motor Transport Maint	9	LAV Maint
5	Lockers, Toilets, Classrooms		See enlarged floor plan

A&E/GF	PLANS AND SPECIFICATIONS			CONSTR	ADDRESS INFO ACCESS
NAME AND LOCATION	TOWNSEND ARCHITECTURAL-PLANNING GROUP GREENVILLE, SC			AWARD DATE (Est.)	START DATE
				MONTHS 16	COMPLETION DATE
DATES	AWARD	35% COMPLETION	100% COMPLETION	BOD	COMPLETE PLAN %
					COMPLETE FOCT %

COMPARATIVE COST DATA			ENGINEERING DATA	
H OK L	AREA FACTOR:	UNIT COST ($)	DD 1391 COST PROJECTION DATA	
UNIT COST FOR THIS PROJECT ON DD 1391			INCREASE - TOTAL %	PROJECTION DATES (From - To)
DOD COST REVIEW GUIDE (ADJUSTED)			INCREASE/MONTH %	INDEX SOURCE
OTHER PROJECTS IN THIS PROGRAM (ADJUSTED)			SITE CONDITION, SPECIAL DESIGN CONSIDERATIONS, TECHNICAL PROBLEMS, ETC. OTHER THAN SHOWN ON DD 1391	

BUILT-IN EQUIPMENT; FEC DATA; SPECIAL OVERSEAS OVERHEAD COSTS; EXPLANATION OF DEMOLITION

PREPARED BY Name _____ Extension _____ APPROVED BY ASSISTANT DIVISION DIRECTOR: CODE _____ INITIALS _____

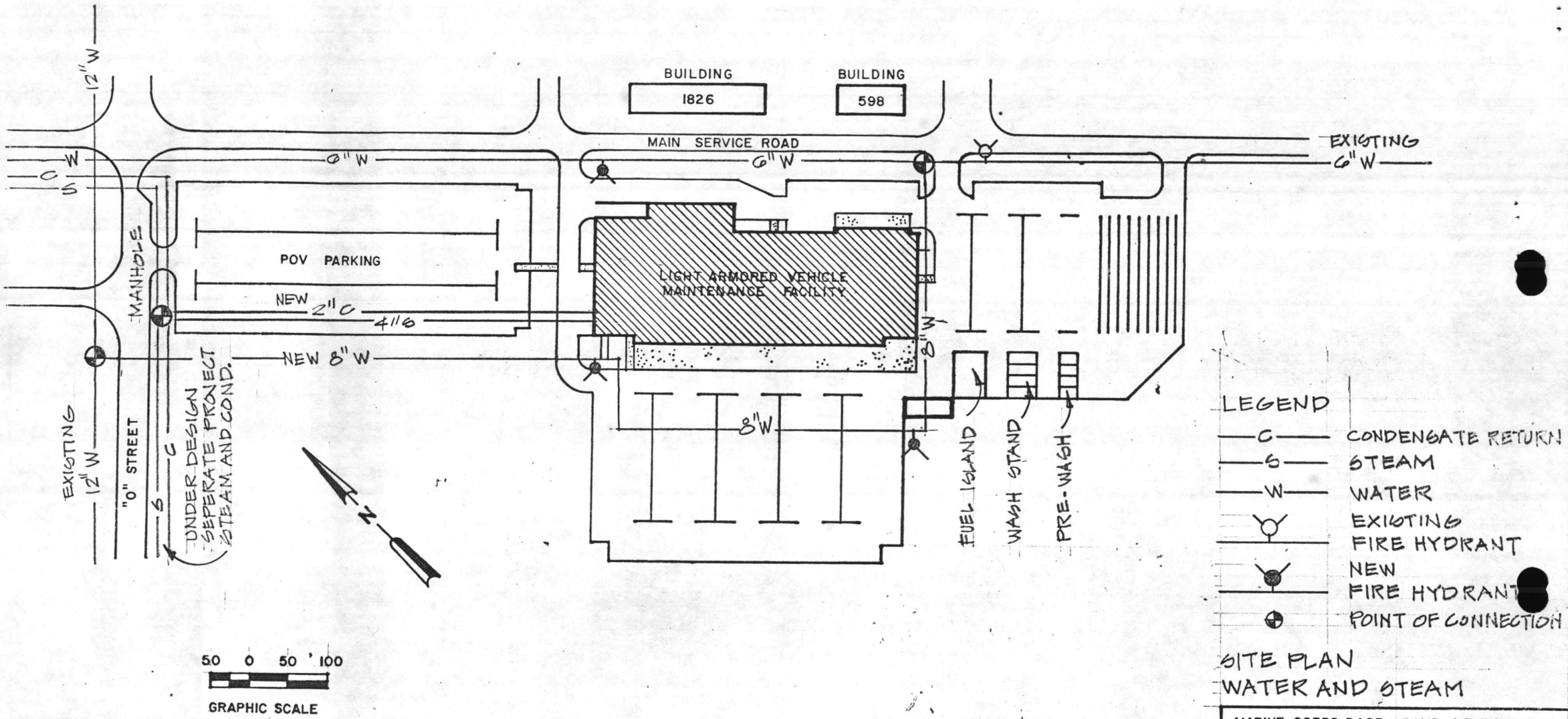


SITE PLAN
POWER, DRAINAGE AND SEWER

MARINE CORPS BASE, CAMP LEJEUNE, N.C.

LIGHT ARMORED VEHICLE MAINTENANCE FACILITY (P-806)

TOWNSEND ARCHITECTURAL PLANNING GROUP
GREENVILLE, S.C. 29608



SITE PLAN
WATER AND STEAM

MARINE CORPS BASE, CAMP LEJEUNE, N.C.

LIGHT ARMORED VEHICLE
MAINTENANCE FACILITY
(P-806)

TOWNSEND ARCHITECTURAL
PLANNING GROUP
GREENVILLE, S.C. 29608

26 June 1984

Marine Corps Base, Camp Lejeune
Public Works (Gene Jones)

James L. Townsend, Jr., AIA

LAV MAINTENANCE FACILITY PROJECT P-806, MARINE CORPS BASE, CAMP LEJEUNE

REF TAP MEMO Project No. 84-08 dtd 4 April 1984

Under LAV MAINTENANCE

P.4, Item 20.

Change "welding vans" to "machine shop vans." These vans will require 110 volts.

Under MOTOR TRANSPORT FACILITY

P.4, Item 3.

Unable to provide at this time. Will send as soon as obtained.

P.4, Item 4.

Seven bays are required - sized to accomodate the 900 series 5 ton trucks (M923 & M925)

Under ELECTRONICS/COMMUNICATIONS SHOP

P.4, Item 8

Provide convertor from AC to 24V DC as built-in requirements for testing equipment (This could be in the collateral equipment work benches).

Under GENERAL

P.4, Item 1 Provide 900 ea lockers.

E. G. Jones

E. G. JONES, JR.

26 June 1989

Marine Corps Base, Camp Lejeune
Public Works (Gene Jones)

James L. Tomlinson, Jr., AIA

LAY MAINTENANCE FACILITY PROJECT P-8091 MARINE CORPS BASE
CAMP LEJEUNE

ref: IAP MEMO project No. 84-UP dtd 4 June 1989

Under LAY MAINTENANCE

Item 2:

Change "welding vans" to "machine shop vans." These vans will require 110 volts.

Under MOTOR TRANSPORT FACILITY

Item 3:

Unable to provide at this time. Will send as soon as original.

Item 4:

Seven pairs of coupling [illegible] used to accommodate the 300 series diesel truck (M923 & M925).

Under ELECTRONICS/COMMUNICATIONS SHOP

Item 6

Provide conveyor from AC to 5th floor as local/[illegible] requirements for testing equipment (this could be in the collateral equipment not bonded).

Under GENERAL

Item 1 - Provide UPS as [illegible].

J. M. JONES

Bldg 100 ~~P 80~~ P 806

Answers to Mr. Jean Jones - Facilities

Question #

LAV 20. Change to Machine Shop Van - 110 V Required

MOTOR TRANSPORT - 3. Unable to provide at this time

4. 7 Bays required - size to accomodate 900 series 5 Ton trucks.

Comm 8. Need 24 Volts D.C. in Comm. and Turret Maintenance shops for testing equip. - either wired internally or provided by means of a portable power supply unit.

GEN. 1. 1800 men is incorrect - We need lockers for 900 men - preferably 2 Tier, 12 inches wide as mentioned

as submitted to Gene Jones
By Lt Smith LAV BN on 18th June
1984.

Gene action

TAP

TOWNSEND ARCHITECTURAL • PLANNING GROUP

522 S. MAIN ST. P. O. BOX 3917 GREENVILLE, S.C. 29608 271-7678

MEMO

DATE 4 April 1984
PROJ NO 84-08

REFERENCE LAV Maintenance Facility Project P-806, MCB, CLNC

DATE & TIME 3 April 9:00 AM SUBJECT Pre-design conference

☐ TELEPHONE CONFIRMATION: LOCAL _____ LD _____ PLACED _____ REC'D _____

TALKED WITH _____ TELEP NO _____

☒ CONFERENCE MEMO: LOCATION Public Works, MCB, CLNC

☐ CONSTRUCTION VISITATION: WEATHER _____

ATTENDANCE: FOR TAP: Jim Townsend and Alan Horne

FOR LANTDIV: Maxie Bryant and Calvin Crofford

FOR Activity: See attached report of conference dated 3 April 1984.

THIS MEMO SHOULD BE CHECKED BY ALL COPIED FOR OMISSION, ETC. ANY DISCREPANCY SHOULD PROMPTLY BE CALLED TO THE ATTENTION OF UNDERSIGNED.

The TAP Group received the following information:

1. LAV Program dated 24 March 1983 and prepared by Diesel Division General Motors of Canada Limited.
2. Utility map of site area.
3. Report of conference dated 3 April 1984.
4. Site approval memo dated 3 October 1983.

SITE/UTILITIES

1. Telephone service will be extended from manhole 311 located on Main Service Road south at intersection with N street (re: dwg. no. 2222). Extension to include 4 ducts with 400 pair cable in one duct, fire alarm and cable TV in one duct and two spares. Provide 50 pair cable for maintenance building, and 25 pair cable for ready issue/armory building. Provide one telephone board for each 25 pairs of cable.
2. It was noted that the fire alarm system in this area of the base is generally overloaded, and the Activity is to advise if the fire alarm system will be radio type or telephone line type. If telephone line type, the fire alarm may be tied in at manhole 311 and extended to the site.
3. Overhead power exists on the south side of Main Service Road adjacent to the site.
4. Domestic water is provided on both sides of Main Service Road adjacent to the site.

5. A 4-inch sanitary sewer force main is provided on the north side of Main Service Road. The Activity is to provide utility site plans on the ~~two~~ five new projects presently under construction on the north side of Main Service Road and adjacent to the site. The project must tie into an existing gravity flow sanitary sewer.

6. Steam and condensate lines are on the south side of Main Service Road and terminate in the area of building 501, approximately 2,000 ft. from building site.

7. There is no existing storm drainage collection system in the area of the site.

ARMORY

1. The armory will be a working type armory and shall be designed in accordance with OP-NAV instructions 5530.13 and will require an exterior mounted communications device. LANTDIV is to supply the TAP Group with a copy of these instructions.

2. Armory shall have toilet and drinking fountain facilities.

3. Armory will be air conditioned and sized to accommodate 50 people. This will only occur during the cleaning of weapons and normally the armory will be staffed by approximately 16 people.

4. The cleaning area for weapons will be sized for 50 people at 25 square feet per person.

5. The armory shall have exterior telephone and IDS (Intrusion Detection System) conduit only will be provided for the IDS with equipment provided by the Government. Armory shaould have panic button alarm stations at various points within the facility. Provide sufficient electrical receptacles for inspection lighting and cleaning equipment.

6. The lobby of the armory will be separated by a wire mesh partition with 2 pass windows for distribution and collection of weapons. Telephone outlets will be required on the interior in accessible locations.

7. The armory may be incorporated into the maintenance facility building.

READY ISSUE

1. Ready issue warehouse area will have electric forklift and provisions must be provided for forklift access to exterior. This may be an on grade overhead door or a ramp situation. A dock facility with dock leveler.

2. Administration area will require 24 work stations with a minimum of 5 private offices. 1 private office for MMO, 1 private office for Asst. MMO, 1 private office for Supply Officer, 1 private office for Asst. Supply Officer, and 1 private office for computer terminal.

3. Consideration must be given to control of relative humidity in warehouse area. Consider air conditioning or dehumidification.

4. 2 security cages will be required in warehouse area; approximate size 15 X 20 ft. Note: Cages must be secured at top of partition.

5. Consideration should be given to locating issue door adjacent to admin. area.

6. Administration will require toilets. Consideration should be given to a shower facility.

LAV MAINTENANCE

1. A total of 145 LAV's will be maintained. Note: All vehicles will be wheeled. No tracked vehicles are anticipated.

2. Provide classroom to accommodate 200 people.

3. The facility will accommodate 5 companies as follows: Company A, Company B, Company C, H&S Company and Weapons Company. It should be noted that the size of the Weapons Company is equal to 2 regular companies.

4. 2 Service Bays will be provided per company with the following configuration:

   Company A,2 bays; Company B,2; Company C, 2 bays; Batallion, 6 bays; H&S Company, 2 bays; and Weapons Company, 4 bays; for a total of 18 service bays. Bays should be 16 ft. wide with 14 ft. wide overhead doors and 45 ft. deep.

5. Each company will have a company maintenance office. Tool room should be approximately twice the size as indicated for the Tank Auto Facility.

6. Battery Shop and Fire Extinguisher Charge Room should be located in a central area.

7. No filter wash is required.

8. Welding Shop & Machine Shop should be located on exterior wall if feasible.

9. OEM Storage should be approximately twice the size as Tank Auto Facility for each company. Dead bolt locks should be provided.

10. A steam cleaning bay with adequate drainage should be provided. Note: Steam cleaner will require 30 amp breaker and an exterior clean-up bay near the building is required.

11. A 10 ton bridge crane is required. Consideration should be given to 2 cranes and upsizing crane capacity to 15 tons.

12. A PA-intercom system is required. This could be incorporated into the telephone systems.

13. Six wash stations are required. Consideration should be given to pre-dip tank similar to Amtrack wash system. Wash racks will require steam and water with a mixing device to provide high pressure hot water. Wash racks will require oil water separator with high limit alarm switch and grit chamber.

14. Battery shop shower should have audible alarm system. Investigate the need for holding tank for battery shop floor drains.

15. Fire alarm systems shall have recess alarm horns.

16. Provide covered exterior oil storage area. Consideration should be given to underground storage tanks for lubricating oil and grease in lieu of typical drum arrangement. 3 oil and 1 grease containers will be required. Assure that lube reels have hoses long enough to reach equipment.

17. Consider waste oil receptacle for each bay.

18. Power will be required at wash racks, 30 amp, 110 v.

19. Power for welding shop to be 220v. and 110 v. Power to turret shop to be 110 v. and 24 v. D.C. Turret shop requires compressed air.

20. Activity is to provide voltage requirement and type of plug for welding vans.

MOTOR TRANSPORT FACILITY

1. 30-5ton trucks and 37 towed equipment pieces will be serviced.

2. Overhead exhaust system will be required for 5 ton trucks.

3. Activity is to provide cuts on each type of equipment to be maintained and number of same.

4. Activity is to advise on number of service bays required for motor transport.

ELECTRONICS/COMMUNICATIONS SHOP

1. Will require compressed air.

2. Will require 24 volt DC power supply.

3. Lithium batteries will require ventilated room. See Directive 11320 for storage requirements if building not sprinkled.

4. Will require security vault for radio equipment.

5. Will require 4-220 volt outlets. In general, single phase power is required.

6. Will require a minimum of 2 three phase power outlets.

7. Will require 1 vehicle service bay.

8. Activity is to advise on appropriate power supply for testing 24 volt DC equipment.

9. HAVFAC 309 to dictate battery shop requirements.

GENERAL

1. Facility will have approximately 1,800 men. Activity is to advise on number of lockers required for facilities. Lockers should be 12 inches wide and may be 2 tiers high.

GENERAL (CONT'D)

2. EMCS system to interface with base system.

3. All storage areas to have deadbolt locks.

4. LANTDIV is to provide TAP with reduced set of Tank Auto drawings.

By: James L. Townsend, Jr., AIA

JLT:sr

cc: Maxie Bryant, Gene Jones

REPORT OF CONFERENCE

DATE: 3 April 1984

LOCATION: Bldg. 1005, Public Works, MCB, CLNC

TIME & DATE: 3 April 1984 0900

SUBJECT: P-806 LAV Shops

PURPOSE: Pre-design conference

LIST OF ATTENDEES

NAME	RANK	TITLE	ORGANIZATION	TELEPHONE NO.
MAXEY L. BRYANT	GS-12	PROJ MGR	LANTNAVFAC	804 444 96
CALVIN CROFFORD	GS11	ARCH.	LANTDIV	804-444-99
Jim Townsend		Arch	TAP Group	803-271-767
Alan Horne		Arch.	TAP Group	803-271-767
David Southerland	WS-15	Construction Ofc	Utilities & Maint	451-5161
Jim Hotsenpiller	WS-10	Tel. Foreman	Base Telephone	451-2941
E.L. MARTIN	CIV	FIRE PREV.	FIRE PROT. DIV.	451-5037
W.B. SMITH	~~EWO2~~ LT	MAINT. OFF	2ND LAV. BN.	451-~~1459~~ 1477
E. Jones	GS-12	Mgr OR	DWD	451-1833
B.L. Summers	GySgt	FAC Chief Branch	2d mar Div	451-2755

P-806

UNITED STATES MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REFER TO
FAC/MGL/hf
5420/2
9 FEB 1984

FIRST ENDORSEMENT on Chmn, EEIRB ltr FAC/REA/nhh 5420/2 of 30 Jan 84

From: Commanding General
To: Chairman, Environmental Enhancement/Impact Review Board

Subj: Environmental Enhancement/Impact Review Board; minutes of

1. Returned, contents noted.

D. J. FULHAM

Copy to: (w/o encl)
CG, 2d MarDiv (G-4)
CG, 2d FSSG (G-4)
CG, 6th MAB (G-4)
CO, MCAS(H), NR (S-4)
TFAC
MAIN
PWO (w/encl)
SJA
NREAD (w/encl)
CO, NavHosp (PMU)

UNITED STATES MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REFER TO
FAC/REA/nhh
5420/2
8 JAN 1984

From: Chairman, Environmental Enhancement/Impact Review Board
To: Commanding General

Subj: Environmental Enhancement/Impact Review Board; minutes of

Ref: (a) BO 11015.2G

Encl: (1) PEA K-304 Aerial Gunnery Range
(2) PEA FY-84 Prescribed Burning Program
(3) PEA P-057 2d FSSG Headquarters
(4) PEA P-517 Combat Vehicle Maintenance Shop
(5) PEA P-806 Light Armored Vehicle Maintenance Shop
(6) PEA P-631 Unaccompanied Enlisted Personnel Housing
(7) PEA P-829 Fly Ash Control System, Bldg 1700

1. In accordance with the reference, a meeting of the subject board took place at 0930, 18 January 1984, in the Conference Room of Building 1. Due to the TAD absence of the appointed Chairman and other commitments by the Deputy Chairman, Colonel J. T. Marshall, Base Maintenance Officer, served as Acting Chairman. The following personnel were in attendance:

Col J. T. MARSHALL, BMaintO	Acting Chairman
Maj KEIRSTEAD, 6th MAB, G-4	Member
Capt CHARETTE, 2d MarDiv, G-4	Member
Capt O'MAHONEY, 2d FSSG, G-4	Member
Lt WINTERS, NavHosp	Advisor
CWO2 WALCZYK, RangeContr	Member
Mr. ALEXANDER, EnvEngr	Advisor
Mr. ANDREWS, BSafMgr	Advisor
Mr. BLACK, NREA	Advisor
Ms. HUGHS, MCAS(H),NR,S-4	Member
Mr. ROUSE, PubWks	Member
Mr. WOOTEN, Dir, NREA	Advisor

2. The meeting was called to order and a brief explanation of the purpose of the Board was given. The following Preliminary Environmental Assessments (PEA) were reviewed.

a. K-304 Aerial Gunnery Range: The purpose of this proposed action is to provide the Marine Corps Base (MCB), Camp Lejeune, with a Helicopter Door Gunner Training Range. This range will be used to teach door gunner crews the skills needed to detect stationary targets in a tactical array. Range fan will not impact on the New River. It will be included in the new Training SOP.

b. Prescribed Burning Program: This program has been in effect at Camp Lejeune for many years but a PEA was never prepared. Prescribed burning is the least expensive and less labor intensive than any other alternative that would eliminate the available fuel for wildfires, and aids in the suppression of wildfires by lowering their intensity. It also helps control understory vegetation which increases visibility and accessibility to the forested area and helps control understory vegetation on the firing ranges. The areas in the FY84 burning program were pointed out to attendees.

c. P-057 2d FSSG Headquarters: This FY86 MCON project will provide a new headquarters for the 2d FSSG in the French Creek area. Board members raised the following issues:

(1) Since this site is next to the river and there will be erosion, shoreline stabilization should be taken into account by the designers. This will require permits from the Corps of Engineers and N.C. Coastal Area Management office.

(2) Streets in that area will need to be improved to handle the increased traffic load, particularly Gonzales Blvd.

(3) Concern was expressed in regards to the site being in fairly close proximity to the Sewage Treatment Plant in that area and a possible problem with odor. The response was that at present there is a heavy growth of trees between the two areas that could act as a buffer zone. Additionally, prevailing winds make it unlikely that odor will be a problem. It was recommended that these trees be left as a buffer zone when future planning for construction in that area is undertaken.

d. P-517 Combat Vehicle Maintenance Shop: Project will be located on the Main Service Road in the French Creek area. Concern was voiced about proper drainage so tank trails will not be washed out. Mr. Sharpe also expressed concern that several projects lately have not made allowances for storm water drainage and gullies are being created. The Base has been cited for two violations in this respect. It was recommended that A&Es be required to plan for storm water discharge when projects are awarded for design. It was also recommended that Public Works be tasked to monitor runoff control measures during design and construction to be sure it is contained and to ensure compliance with State and Federal laws.

e. P-806 Light Armored Vehicle Maintenance Facility: This facility will provide a maintenance area for the 2d LAV, 2d ~~FSSG.~~ MAR Div It will be located adjacent to the Main Service Road ~~and Cogdell's Creek in the French Creek~~ Area. Trees will have to be cleared. Sediment control will have to be done to control runoff into Cogdell's Creek and a couple of other tributaries. Wash racks will require pollution abatement planning.

across from the Div Shop (1900) area; and adj to Div 5th area

f. P-631 Unaccompanied Enlisted Personnel Housing (UEPH): Project will be located adjacent to Main Service Road and will provide billeting for personnel of the 2d LAV Bn. The project has been sited adjacent to P-806, LAV Maintenance Facility. Other than some drainage problems, there will be almost no impact from an environmental standpoint.

g. P-829 Fly Ash Control System, Bldg 1700: Project will involve alteration to the Central Heating Plant electrostatic precipitators (ESP). It will have a beneficial effect on the environment through reduced air emissions.

3. The motion was made, seconded and approved that the PEAs reviewed by the Board [and attached as enclosures (1) through (7)], be approved as having no significant environmental impact or controversy provided that the conditions as explained on the enclosures are met.

4. Mr. Alexander informed the Board that prior to publication BO 11000.1B would be forwarded for coordination and comments within the next few days.

5. The meeting adjourned at 1000. Next meeting will be held at 0930, 21 March 1984, Building 1, Conference Room.

J. T. Marshall
J. T. MARSHALL
Acting

UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD; MEETING OF

18 January 1984 (Reviewed by the Chairman)

ADDENDUM TO PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA)

SUBJ: P-806 Light Armored Vehicle Maintenance Facility

BOARD ACTION

_____ The Board agreed there appears to be no significant environmental impact or controvery associated with this project.

XX The Board agreed there appears to be no significant environmental impact or controvery associated with this project provided:

1. Approval of the sediment control plan from the N.C. Division of Land Quality is obtained.

2. Pollution abatement for wash racks is included in the design.

3. The Public Works Division assure that runoff control measures are implemented during design and construction to ensure compliance with State and Federal laws.

_____ The Board agreed there is potential environmental impact with the project and recommends the following:

_____

Copy to:
EIA File
NREAD
PWO

Preliminary Environmental Assessment

LIGHT ARMORED VEHICLE MAINTENANCE FACILITY
(P-806)

Action Sponsor: Marine Corps Base, Camp Lejeune

Prepared By: Assistant Chief of Staff, Facilities
Marine Corps Base
Camp Lejeune, NC 28542

Compiled By: Environmental Engineer, AC/S, Facilities

This document was prepared in accordance with MCO P11000.8A, MCO 6280.5 and BO 11000.1A in compliance with Section 102(2)(c) of the National Environmental Policy Act of 1969.

Preliminary Environmental Assessment

LIGHT ARMORED VEHICLE MAINTENANCE FACILITY (P-806)

I. Project Description:

The Light Armored Vehicle Maintenance Facility will provide approximately 100,000 SF of maintenance area for the 2d Light Armored Vehicle Battalion, 2d FSSG. The facility is located adjacent to the Main Service Road and Cogdell's Creek in the French Creek area as shown on the attached site map.

The building will be constructed as a one and two-story maintenance facility with high bays of reinforced concrete on pile foundation with masonry walls, concrete floors, built-up roofing and insulation. Fire protection, security fencing and lighting, energy conservation, pavements, wash aprons and pollution abatement feat are included in the project. Construction is anticipated to begi in the FY-86 MCON Program.

II. Project Purpose:

This project will provide a light armored vehicle maintenance facility as required to carry out the prescribed maintenance program. This is a new mission to be effective in FY-85. There are no adequate facilities to support this mission. Compliance with pollution abatement standards will not be provided without proper facilities to conduct the complex maintenance requirements.

III. Site Selection:

The preferred site has been reviewed with Base environmental personnel. No significant environmental impact or loss of natural resources were identified with this proposed site. Further, storm water runoff from the site of the completed project must be conveyed to the channel of Cogdell's Creek in order to avoid erosion problems between the site boundary and the channel.

IV. Compliance with Federal, State, and Local Environmental Requirements and Guidelines

a. Clean Water Act. No discharge of waste materials or POL runoff will occur during construction.

b. Clean Air Act. No emissions are anticipated.

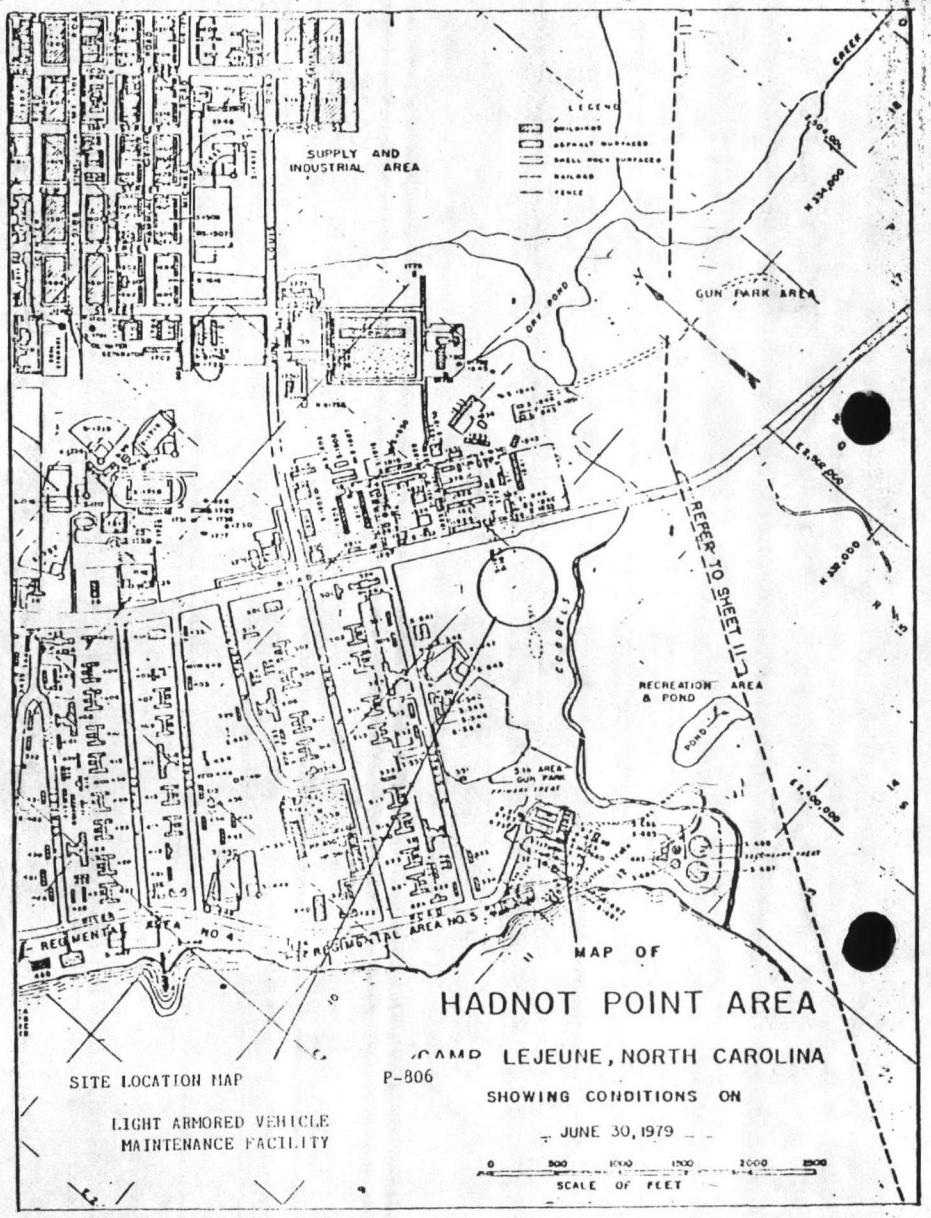
c. Natural Historic Preservation Act. No significant cultural resources are located on the project site.

d. Resource Conservation and Recovery Act. Hazardous material waste generated during construction will be disposed in accordance with BO 6240.5, Hazardous Material Disposal Program.

e. North Carolina Sedimentation Pollution Control Act. Due to the extent of site preparation requiring more than one acre to be disturbed, a sediment control plan must be prepared by the design A-E firm and forwarded to the North Carolina Division of Land Quality for approval. Measures to control the velocity of storm water runoff must be included in the project design. Erosion control measures will be included in the project design. Construction management will provide preventive measures to contain all sediment on-site. Reseeding of disturbed areas and establishment of vegetative cover on the cleared area will be accomplished within 30 days of completion of construction.

V. Conclusions:

Based on the information provided above and in the Base Master Plan, this project will not have significant adverse environmental impact on the environment. Preparation of an environmental assessment per MCO 6280.5 is not required. State of North Carolina approval of the design documents which include the storm water runoff and sediment control plan must be obtained.



ENCL (1)

P-806

PWO:408:BJD:mkt
11000
17 AUG 1983

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

Subj: FY 86-90 Military Construction (MCON) Program for Marine Corps Base, Camp Lejeune, NC

Ref: (a) CMC 161429Z MAR 83
(b) Visit to MCB, CLNC by Mr. A. J. RECACHINAS (Code LFF-1, HQMC) on 3 Aug 1983

Encl: (1) DD Form 1391's (with revised Facilities Studies, as required) for FY-86 and FY-87 MCON Program dtd 1 Aug 1983
(2) DD Form 1391's with Facility Studies and Requests for Site Approval w/Site Location Maps for FY-86 Project P-631, UEPH for LAV Bn; and FY-88 Project P-828, FMSS Facility, dtd 1 Aug 83
(3) Revised NAVMC Form 10956 for FY 86-90 MCON Program dtd 1 Aug 83

1. Reference (a) requested submission of project documentation for the subject Program. During reference (b), the due date was extended to 15 August 1983. Accordingly, DD Form 1391's (with revised Facility Studies, as required) for FY-86 and FY-87 projects are submitted herein as enclosure (1). Further, DD Form 1391's and Facility Studies for all projects not previously in the Five-year MCON Program are submitted as enclosure (2).

2. There are two new projects included in enclosure (2):

a. FY-86 Project P-631, Unaccompanied Enlisted Personnel Housing (UEPH) for the Light Armored Vehicle (LAV) Battalion. These UEPH facilities are in direct support of FY-86 Project P-806, LAV Battalion Facilities. No other billeting facilities are available. It is imperative that these barracks be constructed concurrently with P-806.

b. FY-88 Project P-828, Field Medical Service School (FMSS) Facilities, is programmed in support of existing and planned FMSS courses at Montford Point.

3. All FY 86-90 Facility Studies which are not revised in enclosures (1) and (2) herein are considered adequate and require no changes.

4. By copy of this letter, the Atlantic Division, Naval Facilities

Return to 408

PWO:408:NJD:mkt
11000

Engineering Command, is requested to certify the cost of all FY-86 and FY-87 projects (enclosure 1) to the Commander, Naval Facilities Engineering Command.

M. G. LILLEY
By direction

Copy to: (w/encls)
COMLANTNAVFACENGCOM (Code 09A21B3)
CO, 2d NARBIV
CO, 2d FSSG

Blind copy to:
CO FASS (w/Project P-828 only)
AreaCom, NCSSS (w/Project P-828 only
BWO (w/encls)
PAC (w/encls)

1. COMPONENT	FY 1984 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		~~26 MAR 1982~~

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

4. PROJECT TITLE	5. PROJECT NUMBER
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	P-806

FSN/Source	Description	Qty	Unit of Issue	Unit Price	Total Cost
	*Air Conditioning, Heating & Ventilating Systems				
	*Interior Steam System				
	*Plumbing System				
	*Compressed Air System				
	*Used Oil System				
	*Vehicle Fueling System				
	*Sprinkler System				
	*Telephone, Fire Alarm & Intercom Systems				
	*Drinking Water Coolers				
	*Lockers				
	*Chalkboards				
	*Counter, Dispatchers				
	*Tire Changer, elec-air, Bishman Co, fractional HP 280V, 3 phase, 3 wire, 150 psi, comp air				
	*Air Hose Reel, 150 psi, HD, w/hose stop (ceiling, wall or pedestal mounted), provide water separator				
	*Elec Extension Cord Reel, HD, w/cord stop (ceiling, wall or pedestal mounted), 120 V, 1 phase				
	Veh Paint Spray Booth 20' x 40' w/filter system				

1. COMPONENT	FY 19 ~~84~~ 86 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		~~26 MAR 1982~~

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

4. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

5. PROJECT NUMBER
P-806

FSN/Source	Description	Qty	Unit of Issue	Unit Price	Total Cost
	*Water Hose Reel, HD, w/hose control valve & hose stop (ceiling, wall or pedestal mounted), CW				
	*Hose Reels Assembly w/ control valves, HD, overhead, automatic hose stops, & meters, 150 psi comp air, 1 chassis lube, 2 motor oil, 1 gear oil, provide water separator				
	*Exhaust System, overhead, fractional HP, 208 V, 3 phase				
	*Deluge Shower, 2/eye wash CW				
	*Acid Resistant Sink, CW				
	*Exhaust Hood (over), fractional HP, 120 V, 1 phase				
	*Pass Window, 4' wide, w/ counter & "B" label roll down shutter (w/fusible link), if req'd				
	*Lube Dispensing Equipment, w/accessories (couplers, valves, regulators, etc.)				
	*Air Pumps, 400 lb drums for oil (chassis, gear, motor oil, trans & hydraulic fluid), as req'd				
	*Twin Post Pneumatic Lift, HD, 24,000 lb cap, 150 psi comp air				

1. COMPONENT	FY 19 ~~84~~ 86 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		~~26 MAR 1982~~

3. INSTALLATION AND LOCATION

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE	5. PROJECT NUMBER
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	P-806

FSN/Source	Description	Qty	Unit of Issue	Unit Price	Total Cost
	*Twin Post Pneumatic Lift, LD, 11,000 lb cap, 150 psi comp air				
	*3 Ton Ovhd Monorail, 10 HP, 208 V, 3 phase, 60 cycle, 120 V power to controls & switches				

*Equipment with associated installation cost.

(2) Expense Items

Benches, work, portable, 48"x28"x34"H	6	EA	185	110
Benches, work, portable, 72"x28"x34"H	3	EA	230	690
Benches, work, stationary, 28"Dx34"H, steel top, std, lead covered in battery shop	5	EA	290	1450
Parts Bins, adj shelving, 14"x24"D	9	EA	90	810
Tire Storage Racks, 3'x 25'x3 tiers high	1	EA	480	480
Parts Rota Bins, 3' dia, multi bin	2	EA	315	630
Test Tank (water), 24" 50"x18", CW	1	EA	260	260
Battery Charger, 6 of 12V selenium Type; battery tester, 6 & 12V, 2.2 KW, 208V	1	EA	510	510

1. COMPONENT	FY 84 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		26 MAR 1982

3. INSTALLATION AND LOCATION

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

5. PROJECT NUMBER

P-806

FSN/Source	Description	Qty	Unit of Issue	Unit Price	Total Cost
	Tire Vulcanizer, HD - vulcanized molds	1	EA	1280	1280
	14"W Shelving w/adj stds.	6	EA	145	870
	12"W Shelving w/adj stds. 6 shelves, 36" wide & 84" high	6	EA	80	480
7110-00-113-2744	Desk, flat top, dbl ped, 60"x30", walnut pattern top, no overhang	3	EA	206	618
7110-00-113-2817	Desk, flat top, 45"x30" walnut pattern top, no overhang	3	EA	145	435
7110-00-113-2832	Desk, flat top, w/attach, f/secretarial & general clerical purposes	2	EA	160	320
7110-00-006-9482	Chair, rotary, tilting seat & back, adjustable seat height, w/arms, w/casters, navy	3	EA	85	255
7110-00-118-8998	Chair, secretarial, rotary, adj. seat height, w/arms, w/casters	3	EA	72	216
7110-00-403-3870	Chair, secretarial, non-tilting seat, spring back, adj. backrest, w/arms, w/casters	2	EA	85	170
7110-00-113-0921	Stand, office machine, 2 drop leaves, walnut pattern top, w/casters	2	EA	75	150
	Typewriter, IBM electric, 13-1/2" carriage, carbon ribbon, 10 pitch, Model 833	1	EA	645	645

DD FORM 1 DEC 76 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

S/N 0102-LF-001-3915

☆U.S. GOVERNMENT PRINTING OFFICE: 1978—703-173/3431 2-1

1. COMPONENT	FY 1984 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		26 MAR 1982

3. INSTALLATION AND LOCATION

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE	5. PROJECT NUMBER
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	P-806

FSN/Source	Description	Qty	Unit of Issue	Unit Price	Total Cost
7110-00-497-2012	Filing Cabinet, 5 drawers, legal size, w/o lock	5	EA	190	950
7125-00-764-6121	Cabinet, storage, dbl door, 36"x18"x80-9/16"H	3	EA	125	375
7110-00-004-6764	Bookcase, base, 33"x 13"x10"H	3	EA	12	36
7110-00-831-7430	Bookcase, section, w/o doors, 31"x12", 14"H	9	EA	26	234
7110-00-471-4039	Bookcase, top, 33"x 13"x2-1/4"H	3	EA	10	30
7110-00-190-5795	Side Chair, w/arms, tubular stl legs, satin chrome	8	EA	50	400
7195-00-004-0652	Costumer, wearing apparel, contemporary, 4 dbl hooks round pole w/rd base	3	EA	32	96
7195-00-004-6716	Rack, wearing apparel, contemporary, 6 mtl hangers, 78"Hx30"Lx 20"D at base	2	EA	36	72
7520-00-285-5416	Wastepaper Basket, dark brown, 14-1/2"Hx13" dia top	12	EA	4	48
	Draperies	12	PR	55	660
	Draperies, blackout	2	PR	65	130
6230-00-682-3423	Desk Lamp	11	EA	45	495
	Adding Machine, Monroe Model 1405	1	EA	235	235
	Bulletin Board, cork, alum frame, 4'x6'	3	EA	60	180

1. COMPONENT	FY 1984 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		26 MAR 1982

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

4. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

5. PROJECT NUMBER
P-806

FSN/Source	Description	Qty	Unit of Issue	Unit Price	Total Cost
7110-00-177-4902	Table, gen. purpose (classroom) 60x30x29-1/2" high	4	EA	95	380
	Student Chairs, Heywood Wakefield Model HC-7730-PABS-PP	30	EA	35	1050
	Portable Easel	1	EA	55	55
	Security Rack for Mechanics' tool boxes, 24 openings	1	EA	475	475
	TOTAL EXPENSE ITEMS				16,280
	Shipping, Packing, Handling, Installation Charges & Contingencies - 10%				1,628
(3)	Investment Items	None			
(4)	APA Equipment	None			
(5)	Training Equipment				
	Movie Projector	1	EA	575	575
	Movie Screen	1	EA	110	110
	Overhead Projector	1	EA	375	375
	TOTAL TRAINING EQUIPMENT				1,060
	Shipping, Packing, Handling, Installation Charges & Contingencies - 10%				106
(6)	Equipment on Hand	None			

1. COMPONENT	FY 19~~84~~ 86 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		~~26 MAR 1982~~

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

4. PROJECT TITLE	5. PROJECT NUMBER
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	P-806

(7) Summary

	Total Cost
EXPENSE COST	19,074
INVESTMENT COSTS	0
APA EQUIPMENT	0
TOTAL FOR MOTOR TRANSPORT SHOPS	19,074

FSN/Source	Description	Qty	Unit of Issue	Unit Price	Total Cost
	(b) Bn LAV Maint & Co. LAV Maint.				
	(1) Built-in				
	*Air Conditioning, Heating & Ventilating Systems				
	*Interior Steam System				
	*Plumbing System				
	*Compressed Air System				
	*Used Oil System				
	*Vehicle Fueling System				
	*Sprinkler System				
	*Telephone, Fire Alarm & Intercom Systems				
	*Drinking Water Coolers				
	*Lockers				
	*Chalkboards				
	*Counter, Dispatcher				

1. COMPONENT	FY 1984 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		26 MAR 1982

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

4. PROJECT TITLE
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

5. PROJECT NUMBER
P-806

FSN/Source	Description	Qty	Unit of Issue	Unit Price	Total Cost
	*Air Hose Reel, 150 psi, HD, w/hose stop (ceiling, wall or pedestal mounted), provide water separator	24	EA		
	*Elec Extension Cord Reel, HD, w/cord stop (ceiling, wall, or pedestal mounted), 120V, 1 phase	12	EA		
	*Water Hose Reel, HD w/ hose control valve & hose stop (ceiling, wall or pedestal mounted), CW	18	EA		
	*Hose Reels Assembly, w/ control valves, HD, overhead, automatic hose stops & meters, 150 psi comp air 1 chassis lube, 2 motor oil, 1 gear oil, provide water separator	6	EA		
	*Exhaust System, underground, fractional HP, 208V, 3 phase	4	EA		
	*Deluge Shower, 2/eye wash, CW	4	EA		
	*Acid Resistant Sink, CW	2	EA		
	*Exhaust Hood (over), fractional HP, 120V, 1 phase	2	EA		
	*Pass Window, 4' wide, w/ counter & "B" label roll down shutter (w/fusible link)	24	EA		

1. COMPONENT	FY 1984 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		~~26 MAR 1982~~

3. INSTALLATION AND LOCATION

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE	5. PROJECT NUMBER
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	P-806

FSN/Source	Description	Qty	Unit of Issue	Unit Price	Total Cost
	*Lube Dispensing Equipment w/accessories (couplers, valves, regulators, etc.)	4	EA		
	*Air Pumps, 400 lb drums for oil (chassis, gear, motor oil, trans & hydraulic fluid), as req'd	4	EA		
	*10 Ton Ovhd Monorail Bridge Crane, 15 HP, 208V, 3 phase, 60 cycle, 120V power to controls & switches	1	EA		

*Equipment with associated installation cost.

The foregoing items are considered in the project cost estimate for the facility indicated on the 1391 as submitted.

(2) Expense Items

Benches, work, portable; 48"x28"x34"H	36	EA	185	6660
Benches, work, portable, 72"x28"x34"H	6	EA	230	1380
Benches, work, stationary, 28"Dx34"H, stl top, std, lead covered in battery shop	20	EA	290	5800
Welding Table (Refractype), 36"x48"x32"	2	EA	180	360
Parts Bins, adj shelving, 14"x24"D	20	EA	90	1800
Grinder, bench, 7" w/ buffer wheel	2	EA	125	250

1. COMPONENT	FY 19 ~~84~~ 86 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		~~26 MAR 1982~~

3. INSTALLATION AND LOCATION

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE	5. PROJECT NUMBER
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	P-806

FSN/Source	Description	Qty	Unit of Issue	Unit Price	Total Cost
	Parts Rota Bins, 3' dia. multi bin	2	EA	315	630
	Cleaning Tank (parts), 36"x22"x34"	12	EA	395	4740
	Band, saw, multi purp.	1	EA	1250	1250
	Power metal brake	1	EA	2000	2000
	Jointer	1	EA	400	400
	[illegible]	[illegible]	EA	250	[illegible]
	[illegible]	[illegible]	EA	[illegible]	[illegible]
	14"W Shelving w/adj stds	20	EA	115	2300
	12"W Shelving w/adj stds, 6 shelves, 36"W & 84"H	6	EA	80	480
7110-00-113-2744	Desk, flat top, dbl ped, 60"x30", walnut pattern top, no overhang	10	EA	206	2060
7110-00-113-2817	Desk flat top, 45"x30" walnut pattern top, no overhang	6	EA	145	870
7110-00-113-2832	Desk, flat top, w/attach for sec'l & gen. clerical purposes	4	EA	160	640
7110-00-006-9482	Chair, rotary, tilting seat & back, adj. seat height, w/arms, w/casters	6	EA	85	510

1. COMPONENT	FY 1984 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		~~26 MAR 1982~~

3. INSTALLATION AND LOCATION

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE	5. PROJECT NUMBER
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	P-806

FSN/Source	Description	Qty	Unit of Issue	Unit Price	Total Cost
7110-00-118-8998	Chair, secretarial, rotary adj. seat height, w/arms, w/casters	14	EA	72	1008
7110-00-113-0921	Stand, office machine, 2 drop leaves, walnut pattern top, w/casters	6	EA	75	450
	Typewriter, IBM electric, 13-1/2" carriage, carbon ribbon, 10 pitch Model 833	2	EA	645	1290
7110-00-497-2012	Filing Cabinet, 5 drawers, legal size, w/o lock	6	EA	190	1140
7125-00-764-6121	Cabinet, storage, dbl door, 36"x18"x80-1/16"H	5	EA	125	625
7110-00-004-6764	Bookcase, base, 33"x13" x10"H	10	EA	12	120
7110-00-831-7430	Bookcase, section, w/o doors, 31"x12", 14"H	30	EA	26	780
7110-00-471-4039	Bookcase, top, 33"x 13"x2-1/4"H	10	EA	10	100
7110-00-190-7085	Chair, straight, w/o arms	50	EA	49	2450
7195-00-004-0652	Costumer, wearing apparel, contemporary, 4 dbl hooks, round pole w/rd base	17	EA	32	544
7195-00-004-6716	Rack, wearing apparel, contemporary, 6 metal hangers, 78"Hx30"Lx20"D at base	5	EA	36	180
7520-00-285-5416	Wastepaper Basket, dark brown, 14-1/2"Hx13" dia. top	30	EA	4	120

1. COMPONENT	FY 1986 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		1 Aug 83

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542	LIGHT ARMORED VEHICLE MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	214-51	P-806	8,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
LAV MAINTENANCE FACILITY	SF	50,850	87.47	4,448
Vehicle Maintenance	SF	24,400	101.60	(2,479)
Elecnx/Comm Maintenance	SF	9,750	103.59	(1,010)
Ready Issue Storage	SF	12,200	48.25	(589)
Armory	SF	4,500	80.22	(370)
SUPPORTING FACILITIES				3,378
Wash Apron w/Pollution Control	SY	3,200	50.00	(160)
Covered Parking, & Pavements, Flexible	SY	54,000	40.00	(2,160)
Security Fencing, Lighting & Electrical	LS	-	-	(260)
Water, Steam Sewers, Fire Alarm/Telephone Sys. Site Improvements &	LS	-	-	(500)
Pile Foundation & Antenna Towers (3)	LS	-	-	(298)
SUBTOTAL	LS	-	-	7,826
CONTINGENCY - 5%	LS	-	-	391
ESTIMATED CONTRACT COST	LS	-	-	8,217
SUPERVISION, INSPECTION & OVERHEAD 5.5%	LS	-	-	452
TOTAL REQUEST (ROUNDED)	LS	-	-	8,700
INSTALLED EQUIPMENT, OTHER APPROPRIATIONS	-	-	-	-
*COST DATA DERIVED FROM DOD MILITARY CONSTRUCTION COST REVIEW GUIDE DOD 4270.1-CG AND ESCALATED TO FY-86.				

10. DESCRIPTION OF PROPOSED CONSTRUCTIN:
A one and two storied building with high bays, reinforced concrete on pile foundation with masonry walls, concrete floors and roof, built-up roofing and insulation. Overhead doors, fire protection and alarm systems, energy conservation and pollution abatement features, wash aprons, pavements, security fencing, lighting and utilities connections are included in the project.

11. REQUIREMENTS:
PROJECT: Provide shop and storage facility for the Light Armored Vehicle (LAV) Battalion of the 2d Marine Division.
REQUIREMENT: Shop and storage required to carry out an adequate maintenance program for assigned vehicles and electronic equipment.
CURRENT SITUATION: This is a new mission to be effective by FY-1985. There are no adequate facilities available to support this mission.
IMPACT IF NOT PROVIDED: Maintenance capabilities will be adversely affected as these are new combat vehicles with complex maintenance requirements. Further, the new Highly-Mobile Maintenance Vehicle (HMMV) will be part of the T/E for this LAV Battalion.

EGJ

1. COMPONENT	FY 19 86 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		1 Aug 83

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE	5. PROJECT NUMBER
LIGHT ARMORED VEHICLE MAINTENANCE FACILITY	P-806

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 incorporated in this project.

5. Design for Accessibility of Physically Handicapped Personnel: Provisions for physically handicapped personnel are not 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 possesses a significant quality of American history.

S/N 0102-LF-001-3918 ☆U.S. GOVERNMENT PRINTING OFFICE: 1979—603-076/7127 2-1

UNITED STATES MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REFER TO

FAC:ACA:mkc
11013
10 AUG 1981

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

Subj: Military Construction Program for Marine Corps Base, Camp Lejeune, North Carolina, FY-84 through FY-88; submission of

Ref: (a) CMC ltr LFF-1-LAW:jql 11000/CLNC of 25 Feb 1981
(b) TelCon Mr. A. Austin, MCB, CamLej w/Mr. Tom Barr, HQMC (LFF-1) of 29 Jul 1981
(c) CG MCB ltr FAC:ACA:mkc P-600 of 14 May 1981
(d) CMC ltr LFF-1-JPH:jaq 11011/CLNC of 3 Dec 1980
(e) CMC ltr LFF-1-BAR:jql of 19 Jun 1981
(f) CMC 171504Z JUL 81
(g) CG MCB CLNC 061829Z APR 81

Encl: (1) Comments on the Camp Lejeune FY-84/88 MCON Program
(2) NAVMC Form 10956, FY-84 through FY-88 MCON Program (5 sheets) of 1 Aug 1981
(3) FY-84 MCON Program consisting of summary NAVMC Form 10956 and DD Forms 1391 of 1 Aug 1981 (with facility studies and photographs, where applicable)
(4) FY-85 MCON Program consisting of summary NAVMC Form 10956 and DD Forms 1391 of 1 Aug 1981 (with facility studies and photographs, where applicable)
(5) FY-86 MCON Program consisting of summary NAVMC Form 10956 and DD Form 1391 of 1 Aug 1981 w/facility studies
(6) FY-87 MCON Program consisting of summary NAVMC Form 10956 and DD Form 1391 of 1 Aug 1981 w/facility studies
(7) FY-88 MCON Program consisting of summary NAVMC Form 10956 and DD Form 1391 of 1 Aug 1981 w/facility studies
(8) NAVMC Forms 11069, Site Approval Request Forms

1. Reference (a) provides detailed guidance and submission dates for various Marine Corps construction programs. Enclosures (1) through (8) provide the requested data for the Camp Lejeune Five-Year Military Construction Program, FY-84 through FY-88. The submission due date was extended to 12 August by reference (b).

2. More specifically, enclosure (1) provides comments concerning new projects or noteworthy changes to old projects. Enclosure (2) provides a summary of all projects for the five-year period FY-84 through FY-88. Enclosures (3) through (7) provide individual projects nominated for a specific fiscal year, beginning in FY-84. Each specific year is preceded with a summary sheet for rapid reference. As directed in reference (a), previously submitted projects are not included herein and are so indicated with an asterisk on the appropriate NAVMC form 10956. However, the DD Forms 1391 for these projects are included for continuity. Enclosure (8) provides site approval request forms for all projects listed in the FY-84 and FY-85 programs.

FAC:ACA:mkc
11013

3. Camp Lejeune's Five-Year Program consists of 48 projects, at a total cost of $232.35 million, with an average annual cost of $46.47 million. This level of funding is required to meet the goal of satisfying all barracks (UEPH) deficiencies and all combat vehicle maintenance shop deficiencies, both organizational and field levels, by the year 1988. Together, these two items constitute about three-fourths of the Camp Lejeune program, or about 183 million dollars. The remaining portion, $49 million, satisfies deficiencies for other time-sensitive support items, such as utility projects, instructional facilities, administrative facilities, and unforeseen requirements to satisfy deficiencies resulting from new missions. Projects to satisfy new missions and changes in the Five-Year Program are discussed in detail in enclosure (1).

C. G. COOPER

Copy to: (w/encl less encl (8))
LANTNAVFACENGCOM (Code 09A21E)
CG, 2d MarDiv, FMF
CG, 2d FSSG, FMFLant
CO, MCSSS

Blind copy to:
BMO
PWO
DUPH

COMMENTS, CAMP LEJEUNE FY-84/88 MILITARY CONSTRUCTION PROGRAM

Early Submissions

1. As requested by reference (a), Projects P-786, Cold Storage Plant, and P-065, Gymnasium, French Creek, were submitted on 2 June 1981.

FY-84

1. The first year (FY-84) of the Five-Year Program is laden with new or urgent requirements for utility support, new initiatives, or new missions. They are:

a. P-784, Utility Expansion, Courthouse Bay. This project has been authorized for early design and possible FY-83 funding. It is listed in the FY-84 funding program for continuity and because FY-83 funding has not been finalized.

b. P-785, Water Treatment Facilities Improvements, Hadnot Point, Tarawa Terrace, and Montford Point. P-785 has been authorized for design and is proposed for FY-84 funding. This project was submitted in 1980, but is resubmitted here to cover necessary scope increases to expand the Hadnot Point well field to replenish deminishing water supplies and the addition of a trunk main to connect the two water treatment plants in the Hadnot Point area.

c. P-802, Convert Old Hospital to Division Headquarters. Barring unforeseen delays, the new 205-bed hospital will be completed in June 1982. Patient care functions will be transferred by May 1983. Building H-1, the main hospital, and Building H-17, a warehouse, will be available to the Marine Corps in November 1983. A LANTNAVFACENGCOM sponsored contract will demolish several outlying buildings at that time. P-802 proposes space for a Division Headquarters, a consolidated disbursing office, and accommodations for other task organized functions, with billeting and messing for approximately 150 enlisted personnel who will live and work in Building H-1. This project is essential for occupancy of the building for these purposes. Proposed space/building retention plans are discussed in detail in reference (a). The proposals remain valid in P-802 with one exception. P-802 provides for the retention of the back center wing of Building H-1, which contains the dining facility.

d. P-628, UEPHs, Montford Point. New missions for Montford Point include: Movement of the Personnel Administration School from Parris Island to Camp Lejeune; Consolidated Motor Vehicle Operators School (located temporarily at Camp Geiger); and concurrent Motor Vehicle Mechanics Schools. These new missions are reflected in references (d) and (e). The addition of the Personnel Administration School, which is scheduled to begin in November 1982, will reduce existing billeting space at Montford Point down to 72 square feet per man. If P-628 is approved for FY-84 funding, and allowing 24 months for construction, new billeting space will not be available until January 1986. The next approved new mission for Camp Lejeune is the Consolidated Driver Training School, now to occupy facilities in a maintenance-only holding pattern at Camp Geiger, but scheduled for Montford Point when new facilities become available. Any delay

in approval of P-628 will seriously affect the ability to carry out these new missions.

e. P-808, Occupational Field 35 (OF 35) Mechanics School, Increment I. Beginning in FY-82, the existing 'M' series of Marine Corps motor transport vehicles will be replaced with a new suite of vehicles, which is an additional new mission for Montford Point. The phase-in/phase-out period will last through 1986. Trained mechanics will be required for both series of vehicles throughout the transition period, or until such time as the old series is completely phased out from the FMF. An exigent minor construction project has been submitted to HQMC to satisfy the initial receipt of new vehicles. That project provides for the erection of seven relocatable buildings to serve until permanent facilities can be provided. They are expected to be completed in October 1982. A series of three MCON projects for permanent facilities is programmed for FY-84, FY-85 and FY-86. The permanent facilities will satisfy deficiencies for all instructional facilities for the new suite of vehicles, including those being taught in the relocatable buildings, provided by the exigent project. The makeshift World War II facilities now being used will be demolished when the old 'M' series vehicles are phased out.

f. P-806, Light Armored Vehicle (LAV) Shop. Reference (f) announced the assignment of a new battalion scheduled for Camp Lejeune in 1985. P-806 is inserted in the FY-84 program, without scope or definition, as a matter of priority only since facilities do not exist for this mission. Project scope will be defined as information becomes available.

2. The remaining projects listed in the proposed FY-84 program are consistent with the approved HQMC program.

3. A collateral equipment list for portable items (nonconstruction) for P-802, Convert Hospital to Division Headquarters, and P-808, OF 35 Mechanics School, will be provided by separate correspondence. Build-in items that involve construction cost estimates are shown in all projects.

FY-85

1. The proposed FY-85 program contains three new projects, they are:

a. P-257, Field Maintenance Facility, Increment I. This project consist of new maintenance facilities for 2d Maintenance Battalion, 2d Force Service Support Group to perform regional 3d and 4th echelon maintenance on FMF equipment for the 2d Marine Division, 2d Force Service Support Group, and 2d Marine Aircraft Wing. Operations are now being performed in permanent warehouse facilities and other substandard makeshift facilities. The orginal definitive drawings for this facility, depicted in NAVFAC P-272, Part IV, call for one large (11 acre) building. Conforming to realistic annual funding levels, the field maintenance facility is broken down into four increments; P-257 for FY-85,

Enclosure (1)

P-803 for FY-86, P-804 for FY-87, and P-805 for FY-88. However, equipment flow patterns must have continuity for maximum operational efficiency. Accordingly, it is recommended that the PED or 35% design be accomplished for all four projects at the initial state in P-257. In addition to satisfying requirements for badly needed maintenance facilities, new facilities resulting from these four projects will liberate over a quarter of a million square feet of badly needed warehouse space. Reference (g) discusses warehouse storage problems at Camp Lejeune in detail.

b. P-790, Sewage System Improvements, Hadnot Point. Construction resulting from this project will satisfy requirements for additional sewer plant influent enhanced by an ongoing 7.7 million dollar pollution abatement project, P-996, to contain run-off at all wash and grease stations at Camp Lejeune.

c. P-809, OF 35 Mechanics School, Increment II. This is the 2d increment of the Mechanics School discussed in P-808, FY-84, above.

2. The remaining projects proposed for the FY-85 program are UEPH's, shops and admin facilities, and are in consonance with previously reviewed programs.

FY-86

1. New projects proposed for FY-86 are:

a. P-803, Field Maintenance Shop, Increment II. A continuation of P-257, discussed in FY-85, above.

b. P-810, OF 35 Mechanics School, Increment III. A continuation of P-808, discussed in FY-84 above.

2. The remaining projects are in consonance with previously reviewed programs.

FY-87

1. New projects proposed for FY-87 are:

a. P-807, OF 35 Driver Training School. An East Coast Motor Vehicle Operators Course (Consolidated Field Skills Training) will begin, temporarily, in the Camp Geiger area in FY-82. Ultimately, when new, permanent facilities become available at Montford Point (FY-87), the school will be collocated with the other MCSSS schools at Montford Point. The initial school will open at Camp Geiger in May 1982 in old facilities vacated by 2d Radio Battalion. This will include barracks, messing, administrative and instructional facilities. Construction/conversion will not be required and only minimal maintenance and repair will be performed on the existing facilities. New construction for shop and instructional facilities are programmed for Montford Point in the FY-87 Military Construction Program to satisfy long-range requirements with permanent facilities. This new mission is also reflected in the amendment to the Facilities Support Requirements document of reference (e).

Enclosure (1)

b. P-804, Field Maintenance Shop, Increment III. A continuation of P-257, discussed in FY-85 above.

2. The remaining projects proposed for FY-87 are in consonance with previously reviewed programs.

FY-88

1. New projects proposed for FY-88 are:

a. P-805, Field Maintenance Shop, Increment IV. This project concludes a series of four projects for 2d Maintenance Battalion, initiated in P-257, FY-85, above.

2. The remaining projects proposed for FY-88 are in consonance with previously reviewed programs.

Enclosure (1)