

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

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD

PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA) Date: DEC 04 1987

Subj: DRIVER TRAINING SCHOOL *p-807*

Action Sponsor: CO, MCSSS

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

BOARD ACTION

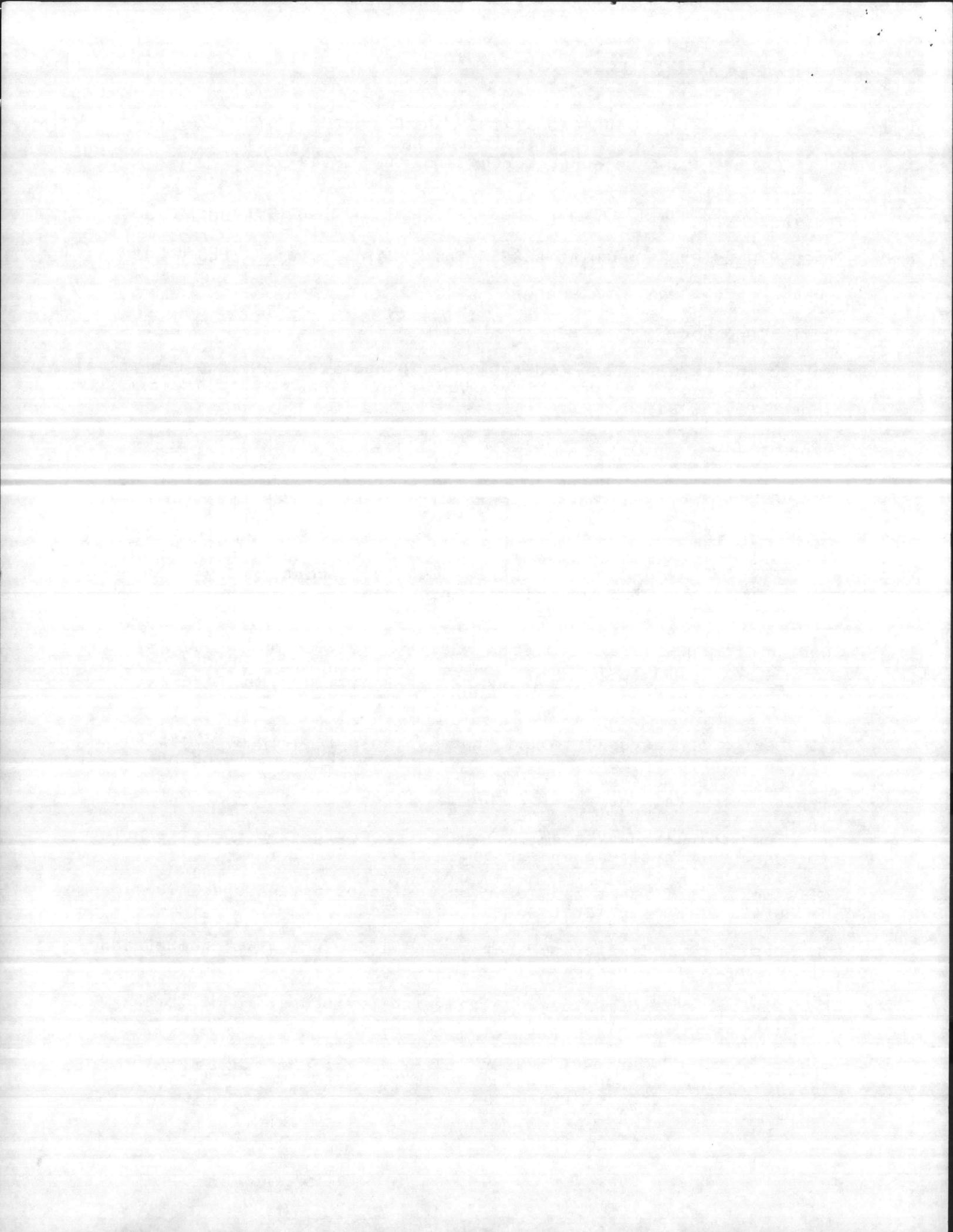
\_\_\_\_\_ The Board agreed there appears to be no significant environmental impact or controversy associated with this project.

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

1. An approved sediment control plan is obtained during project design from NC Division of Land Quality, Wilmington, NC.
2. Adequate storage for hazardous material/waste is included in project design.
3. Design of new underground storage tanks is completed per state standards, and registration of new tanks with NC Division of Environmental Management is forwarded through MCB Facilities Department within 30 days of installation.
4. Commercially harvestable timber is removed from the site prior to construction site preparation.
5. Approval of water and sewer extension plans and specifications is obtained from the State of NC as needed.
6. Design of oil/water separators shall include grit chambers and shall consider accessibility for maintenance.
7. Control of stormwater complies with revised state of North Carolina regulations.

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

*ENC 1 (1)*  
*PAGE 2 of 19*



REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding Officer, MCSSS, Camp Johnson
2. Name, Address, Phone Number of Point of Contact: Major N. A. Baker, S-4, MCSSS  
451-0973/0839

P-807

3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

Driver Training School (Increment 4) Proposed for FY91

Construct a permanent masonry academic instruction building consisting of reinforced concrete foundation and floors, structural steel framing, masonry walls, built-up roof and insulation with steel joist and interior support systems (i. e.: HVAC system, communication and fire alarm systems, etc.) Construct a vehicle maintenance shop with high bays of structural steel framing and reinforced concrete foundation and floors with masonry walls, and built-up roof and insulation. Interior support systems (HVAC, communications and fire alarm system, compressed air, central lube systems, hydraulic lifts, overhead bridge crane, engine exhaust system etc.) storage for POL, hazardous, and flammable storage.

Exterior support systems for the Driver Training Facility include, wash aprons with pollution control, 2-38' x 68' shelters with concrete floors, fencing and lighting, pavement, site improvements, fording pit, interior and exterior utility connections.

Provide adequate facilities for training military personnel in the operation of various types of organizational vehicles along with first and second echelon maintenance. The East Coast Consolidated Driver Training School maintains over 400 pieces of rolling stock and employs approximately 110 instructors and 20 vehicle maintenance workers. The school provides academic instruction for 3,334 students.

The MVOC is a new mission and no facilities exist in the Camp Johnson Area that can be utilized in support of this mission. Existing inadequate facilities in the Camp Geiger area will be utilized until new construction is completed.

2500 Ac.  
Site Ready!

ENC 15

ENCLOSURE (1)

REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Commanding Officer, MCSSS, Camp Johnson
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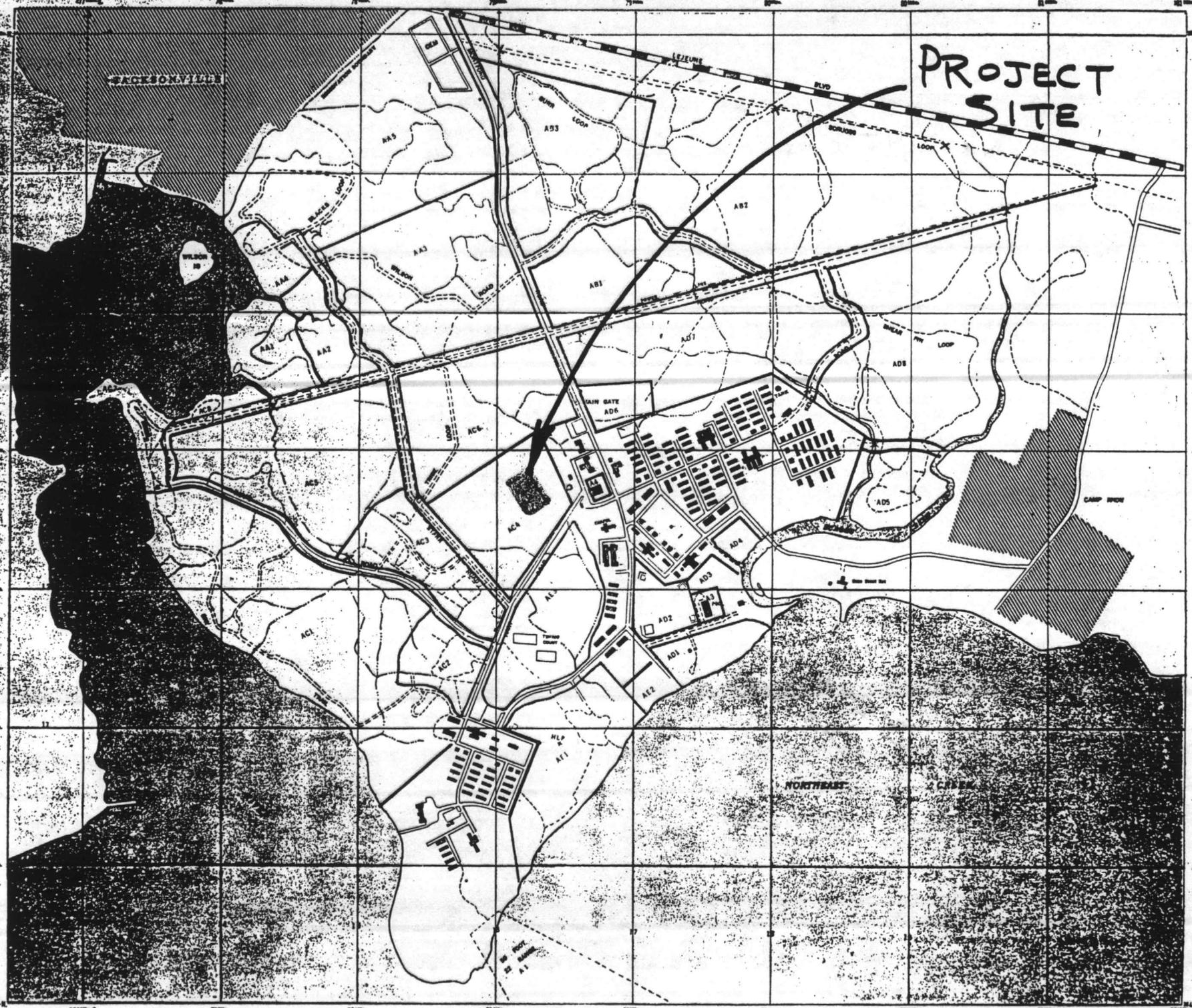
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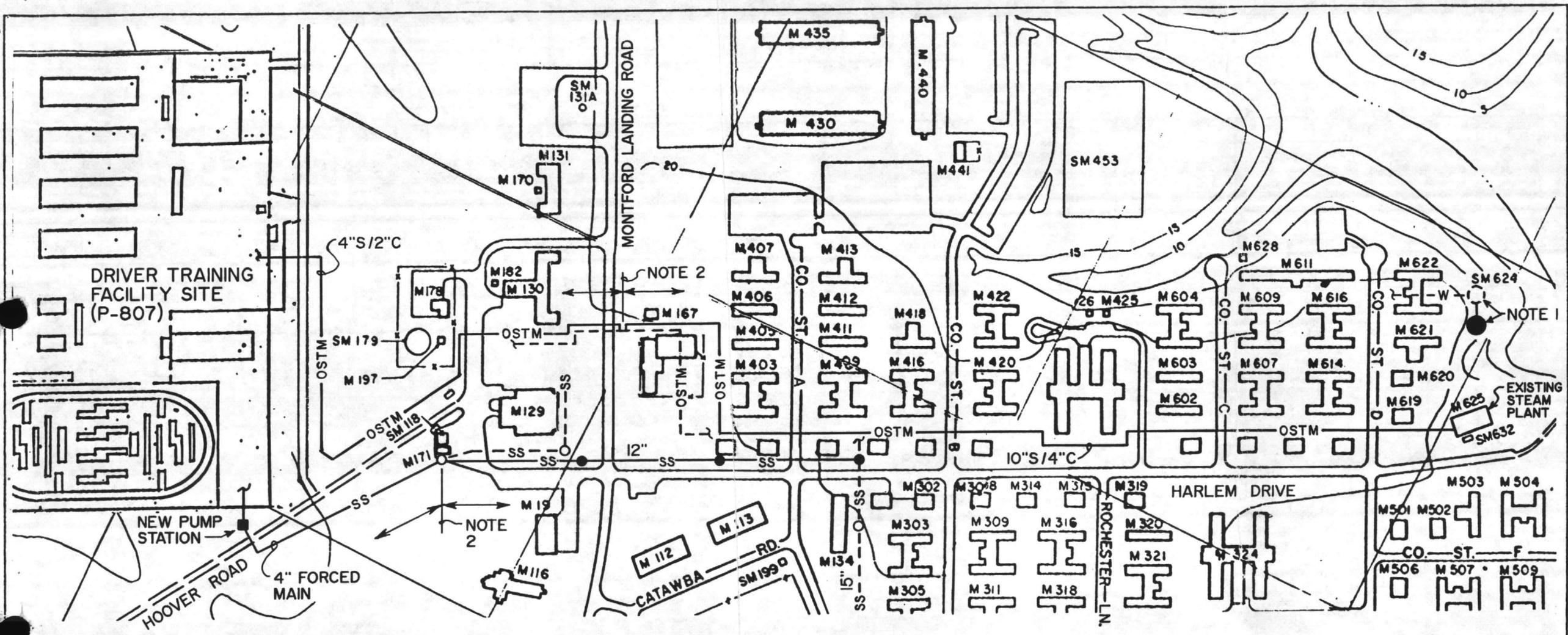
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ENCLOSURE (1)

MTS WILSON BAY

PROJECT SITE



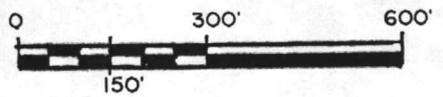


**LEGEND**

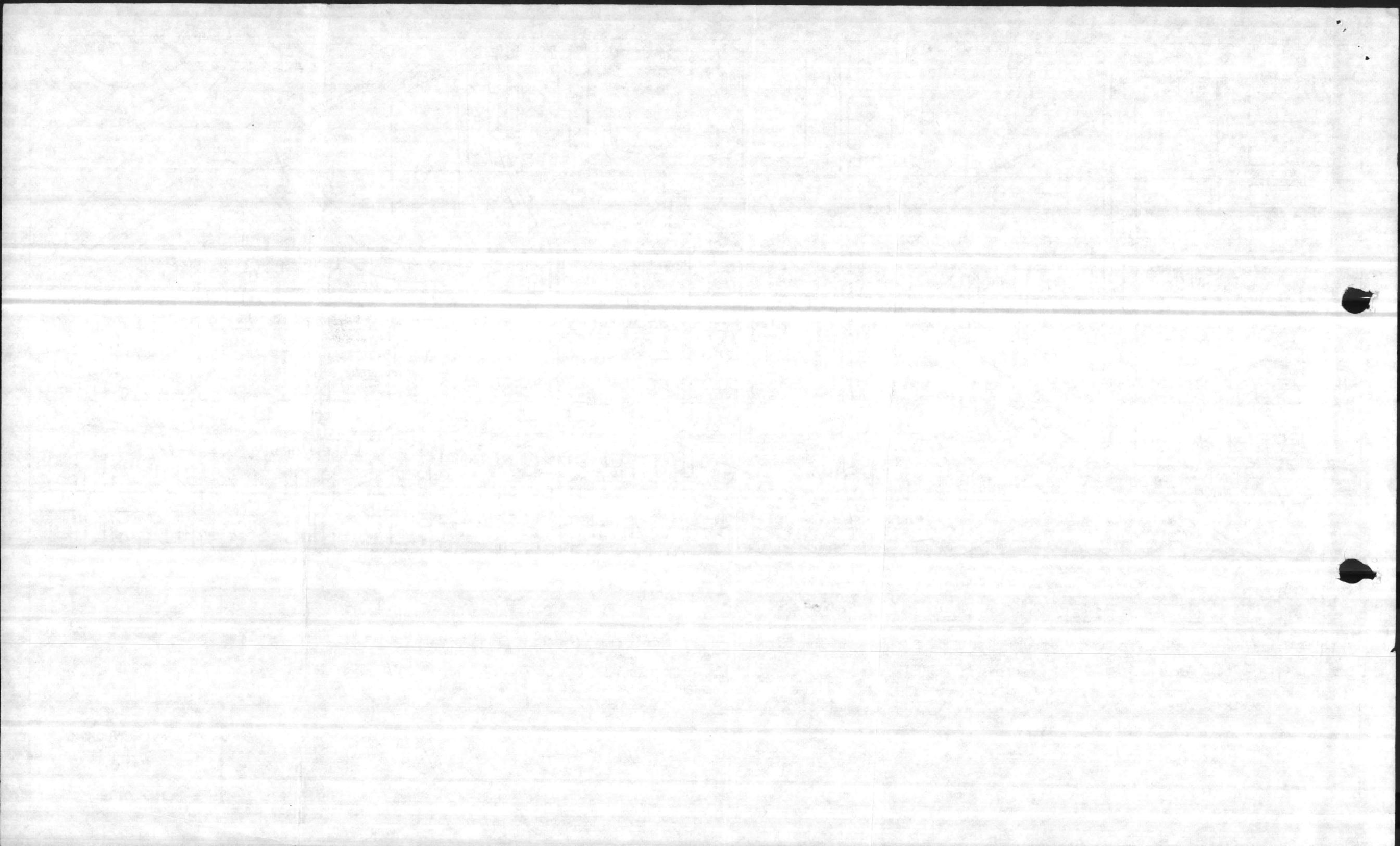
<b>EXIST.</b>	<b>NEW</b>	<b>EXIST.</b>	<b>NEW</b>
-- STM --	— STM —	--- O ---	— ● —
UNDERGROUND STEAM LINE		MANHOLE	
-- OSTM --	— OSTM —	POINT OF CONNECTION	— ● —>
OVERHEAD STEAM LINE			
-- SS --	— SS —	— FH —	— FH —
SAN. SEWER		FIRE HYDRANT	
		— W —	— W —
		WATER	

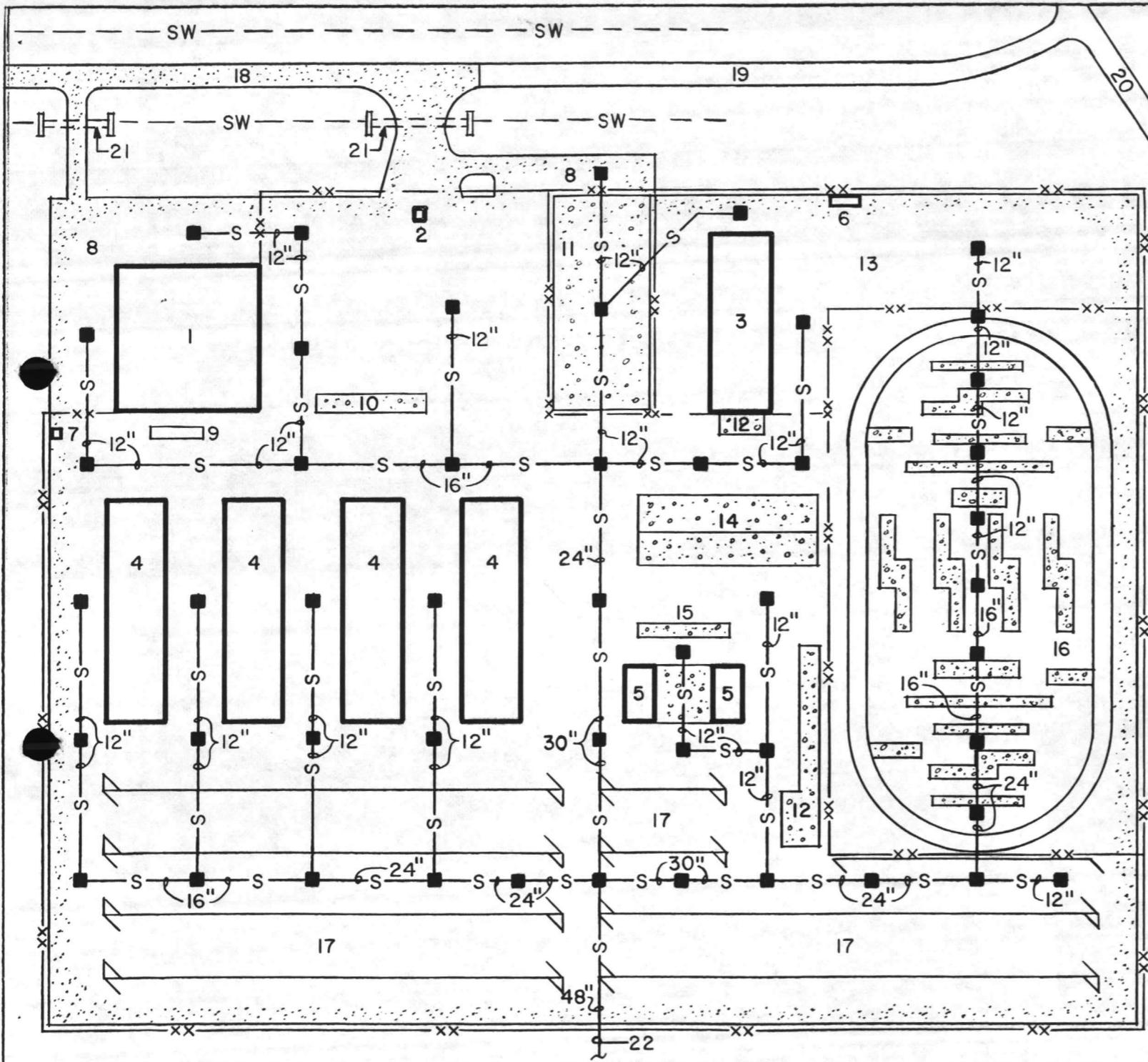
**NOTES**

1. DEMOLISH EXIST. WATER TANK, CONSTRUCT NEW WATER TANK & CONNECT TO EXIST. LINE. WORK IS UNDER UTILITY SYSTEMS UPGRADE.
2. LINE TO NE IS UNDER UTILITY SYSTEMS UPGRADE. LINE TO SW IS UNDER BUILDING SUPPORT UTILITIES.



MCB, CAMP LEJEUNE N.C.  
**DRIVER TRAINING FACILITY (P-807)**  
 ADEP ARCHITECTS CHARLOTTE, N.C.





**NOTES**

1. ACADEMIC INSTRUCTION BUILDING
  2. DISPATCH BUILDING
  3. VEHICLE MAINTENANCE SHOP
  4. APPLIED INSTRUCTION BUILDING
  5. TRAINING SHELTER
  6. HW, POL & FS STORAGE BLDG.
  7. FS STORAGE BLDG.
  8. POV PARKING
  9. DRIVE-ON RAMP
  10. FUEL PUMPS
  11. REFUELING PARKING
  12. WASH RACKS
  13. MAINTENANCE SHOP PARKING
  14. LVS & TT WRECKER PARKING
  15. FORDING PIT
  16. DRIVING SKILLS ROAD TEST
  17. 5 TON TRUCK PARKING
  18. PAVE 1,200' OF EXISTING GRAVEL ROAD TO INTERSECTION
  19. EXISTING GRAVEL ROAD
  20. HOOVER ROAD
  21. NEW 36" CULVERT W/ HEADWALLS
  22. APPROX. 800' FROM LAST CATCH BASIN TO NEW HEADWALL
- EXISTING DRAINAGE DITCH

**LEGEND**

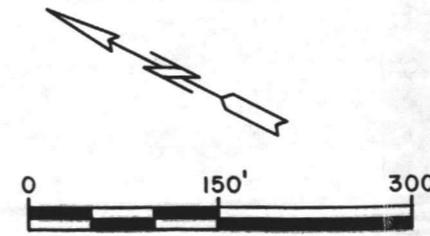
EXIST.	NEW

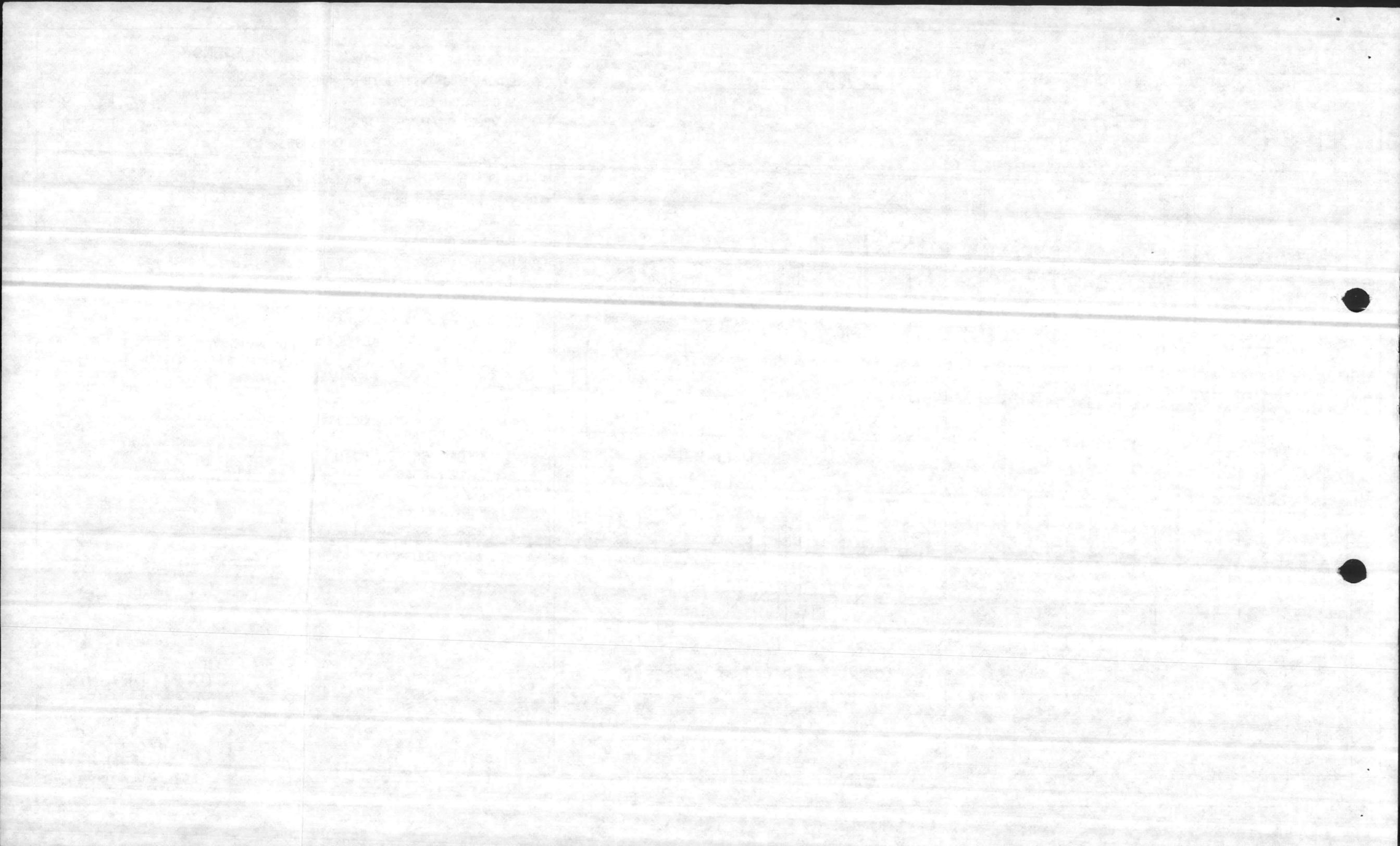
**STORM DRAINAGE**

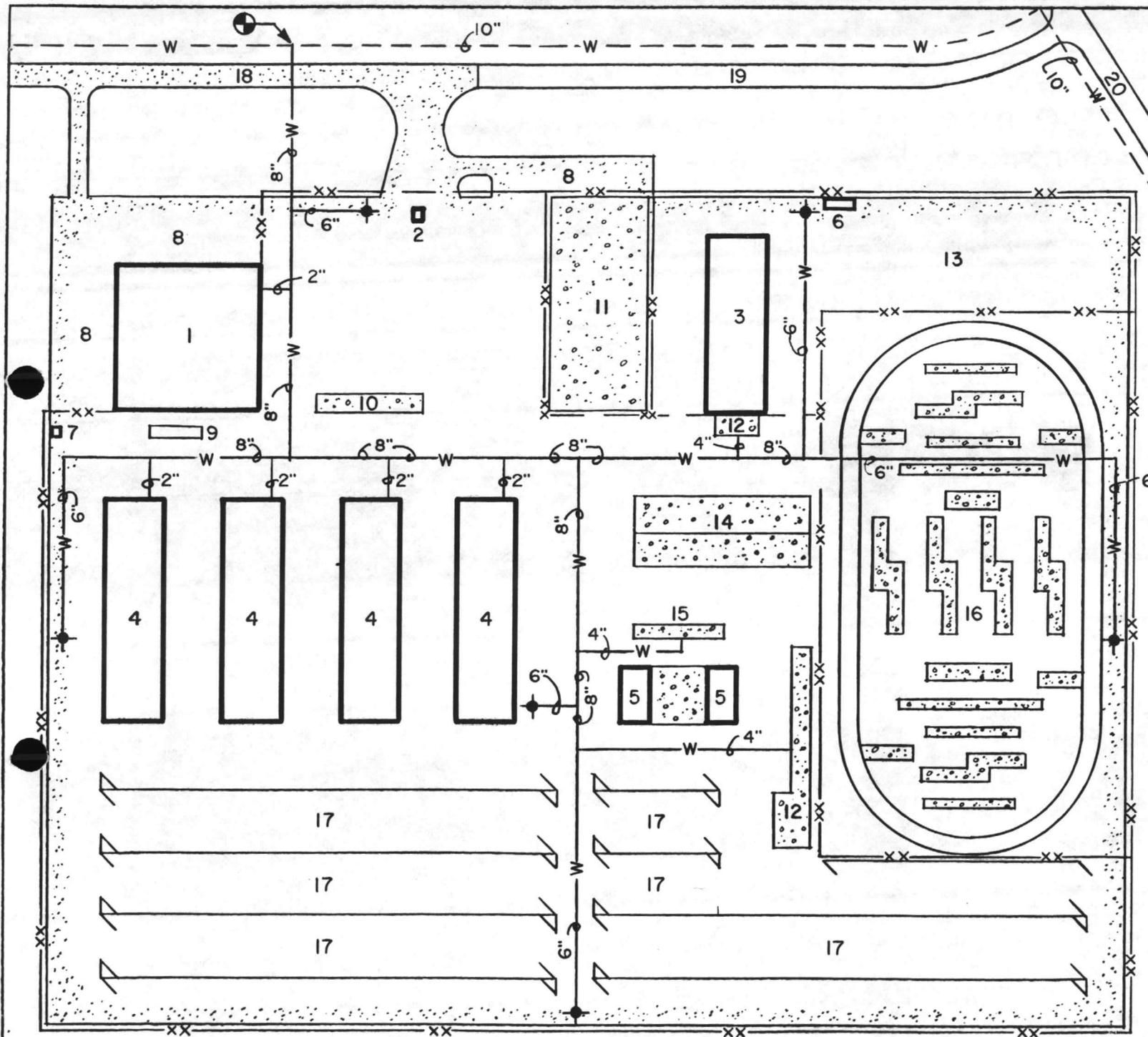
MCB, CAMP LEJEUNE N.C.

**DRIVER TRAINING FACILITY (P-807)**

ADEP ARCHITECTS  
CHARLOTTE, N.C.







**NOTES**

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17. 5 TON TRUCK PARKING
18. PAVE 1,200' OF EXISTING GRAVEL ROAD TO INTERSECTION
19. EXISTING GRAVEL ROAD
20. HOOVER ROAD

**LEGEND**

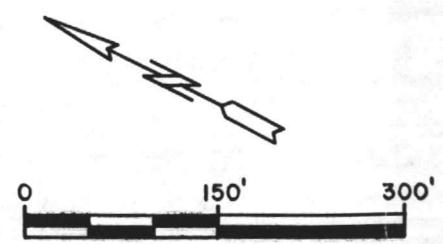
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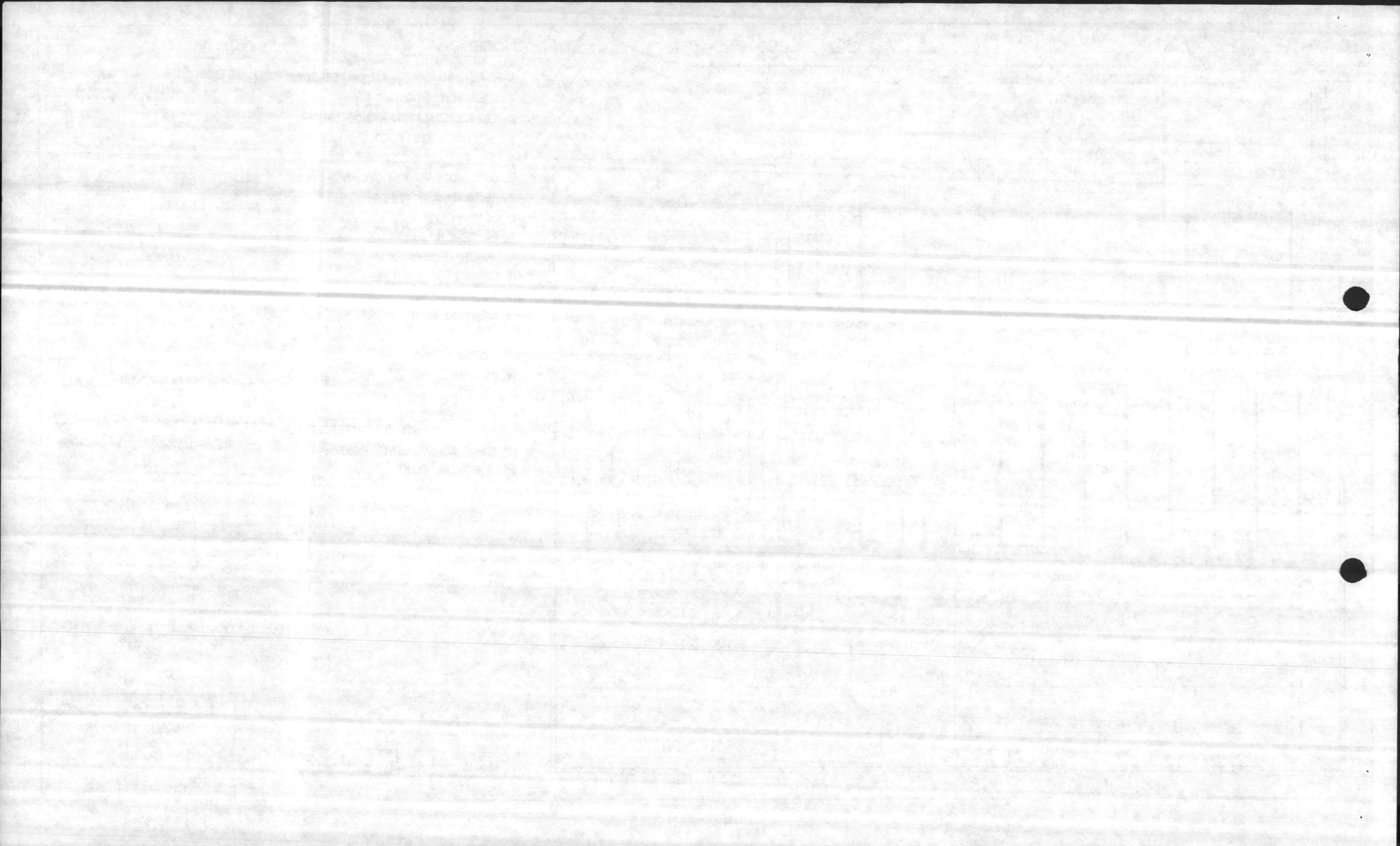
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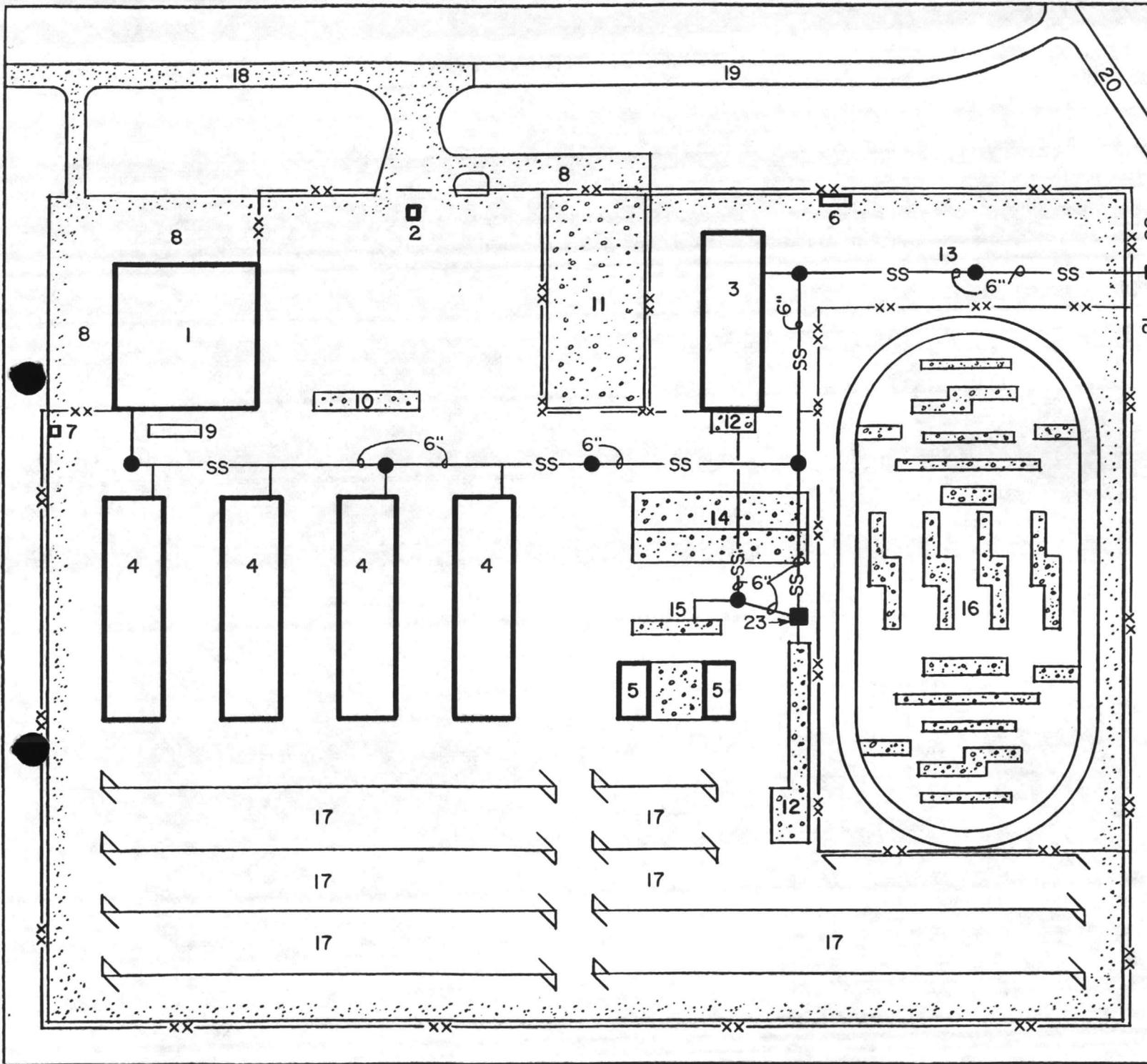
MCB, CAMP LEJEUNE N.C.

DRIVER TRAINING FACILITY (P-807)

ADEP ARCHITECTS CHARLOTTE, N.C.







**NOTES**

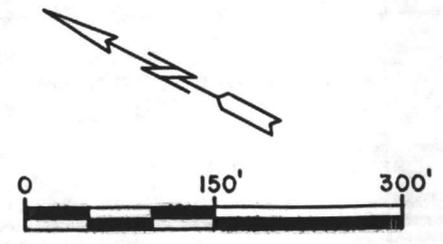
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17. 5 TON TRUCK PARKING
18. PAVE 1,200' OF EXISTING GRAVEL ROAD TO INTERSECTION
19. EXISTING GRAVEL ROAD
20. HOOVER ROAD
21. NEW PUMP STATION
22. APPROX. 700' OF 4" FORCE MAIN FROM PUMP STATION TO POINT OF CONNECTION
23. NEW OIL-WATER SEPARATOR

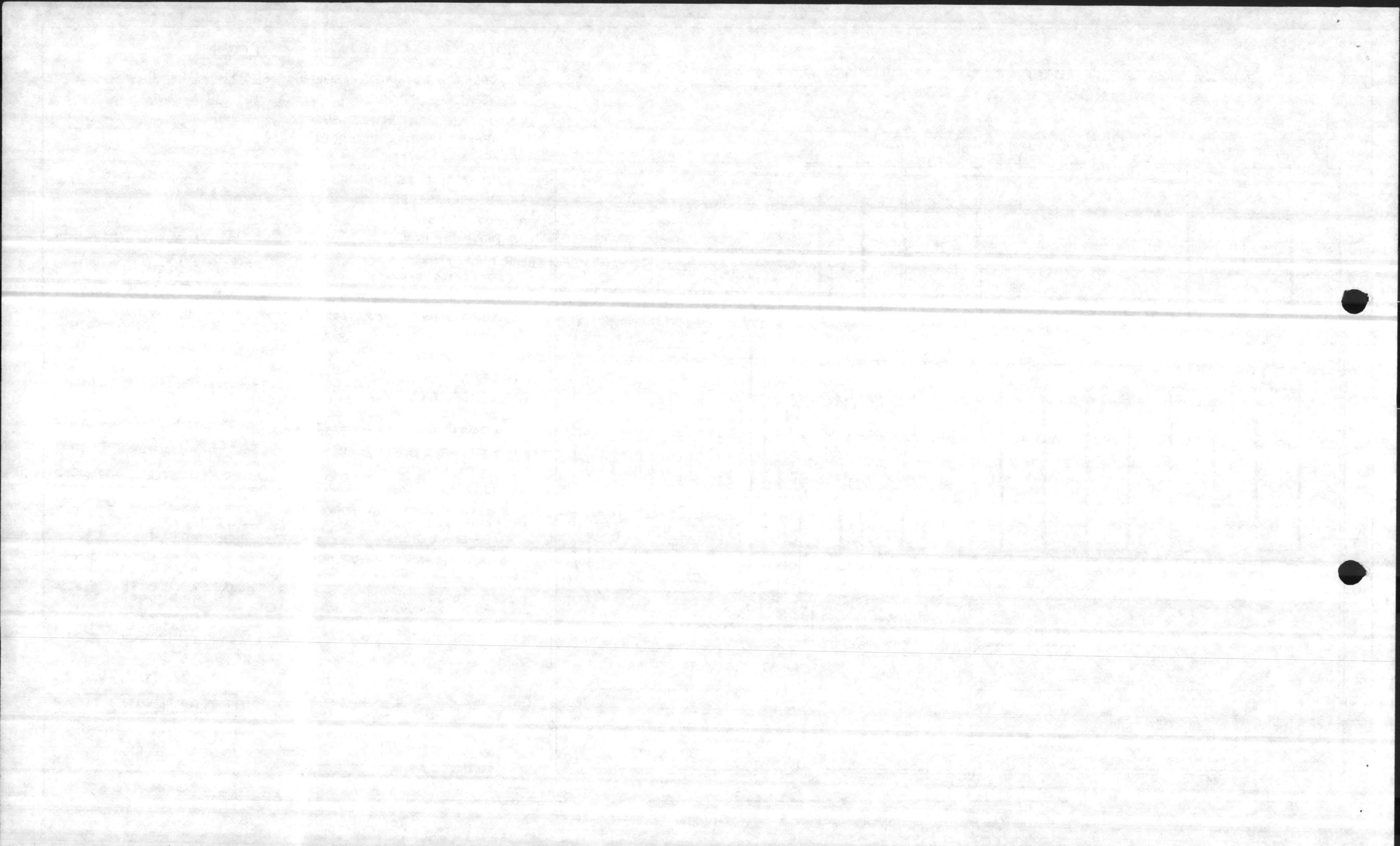
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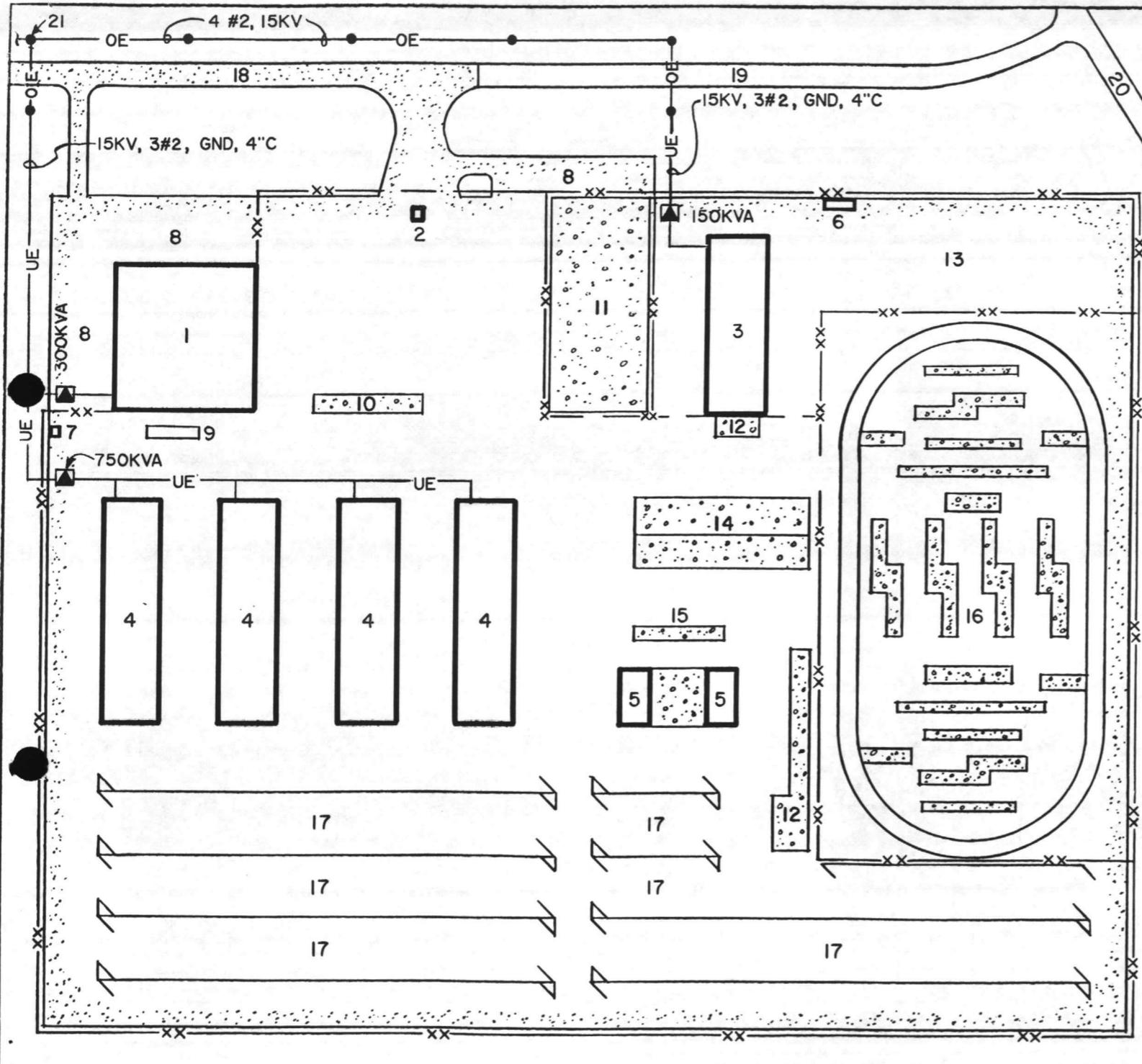
EXIST.		NEW
[Pattern]	ASPHALT PAVEMENT	[Pattern]
[Pattern]	CONC. WALK	[Pattern]
- X -	FENCE.	- XX -
-- SW --	SWALE OR DITCH	- SW -
-- W --	WATER	- W -
-- UE --	UNDERGROUND ELEC. LINE	- UE -
-- OE -	OVERHEAD ELEC. LINE	- OE -
-- STM --	UNDERGROUND STEAM LINE	- STM -
- OSTM -	OVERHEAD STEAM LINE	- OSTM -
-- OT --	OVERHEAD TEL. LINE	- OT -
-- UT -	UNDERGROUND TEL. LINE W/ BOX	- UT -
- SS -	SAN. SEWER	- SS -
- S -	STORM SEWER W/CATCH BASIN	- S -
- O -	MANHOLE	- ● -
- ● -	POINT OF CONNECTION	- ● ->
- ● -	FIRE HYDRANT	- ● -
- ● -	POLE W/ LIGHT	- ● -
- □ -	PAD MOUNTED TRANSFORMER.	- □ -
- △ -	POLE MOUNTED TRANSFORMER	- △ -

**SANITARY SEWER**

MCB, CAMP LEJEUNE N.C.  
 DRIVER TRAINING FACILITY (P-807)  
 ADEP ARCHITECTS CHARLOTTE, N.C.





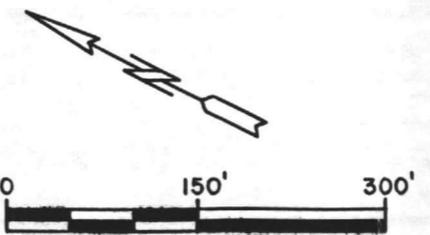


**NOTES**

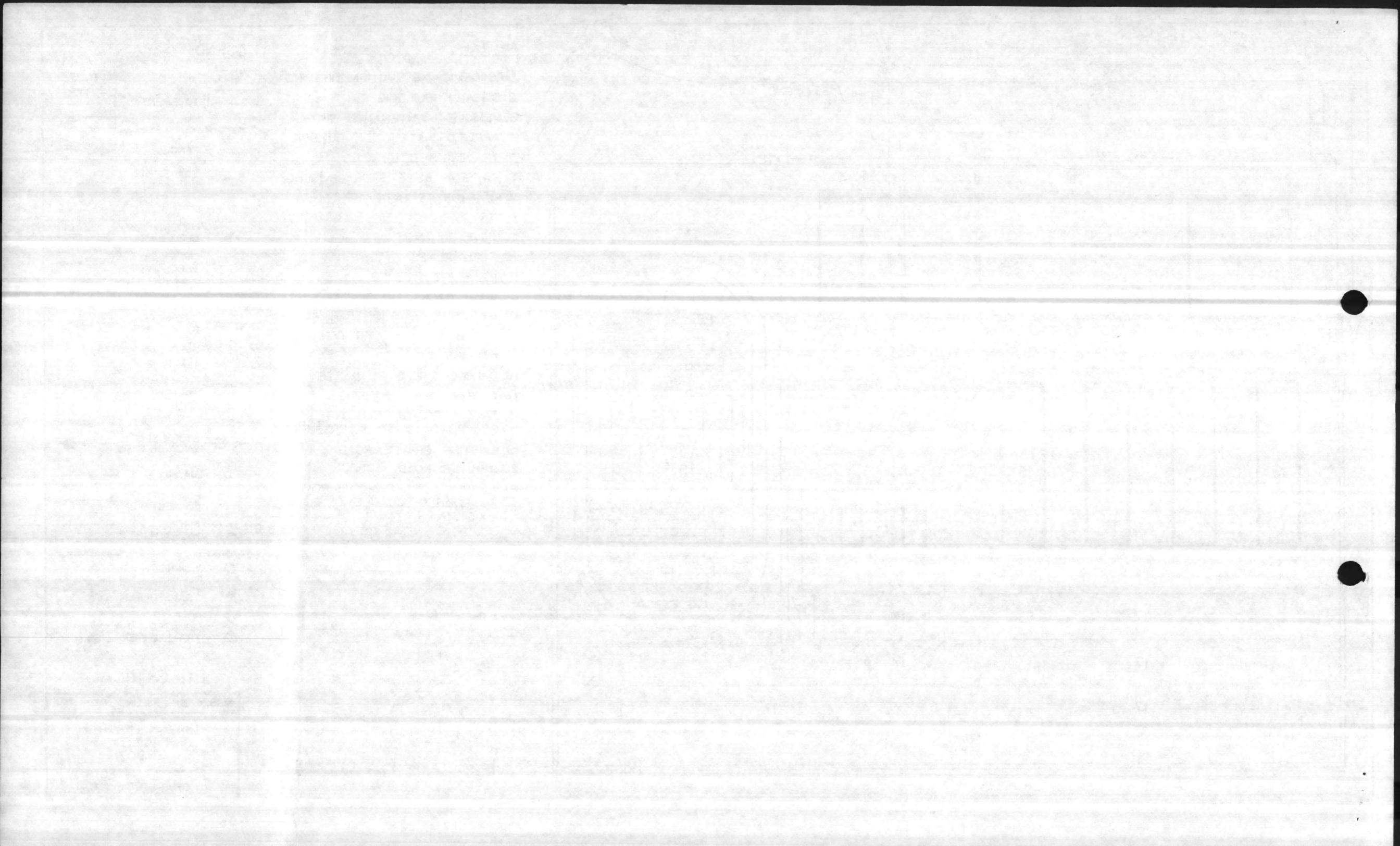
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17. 5 TON TRUCK PARKING
18. PAVE 1,200' OF EXISTING GRAVEL ROAD TO INTERSECTION
19. EXISTING GRAVEL ROAD
20. HOOVER ROAD
21. APPROX. 500' FROM THIS POLE TO POINT OF CONNECTION @ EXIST. POLE

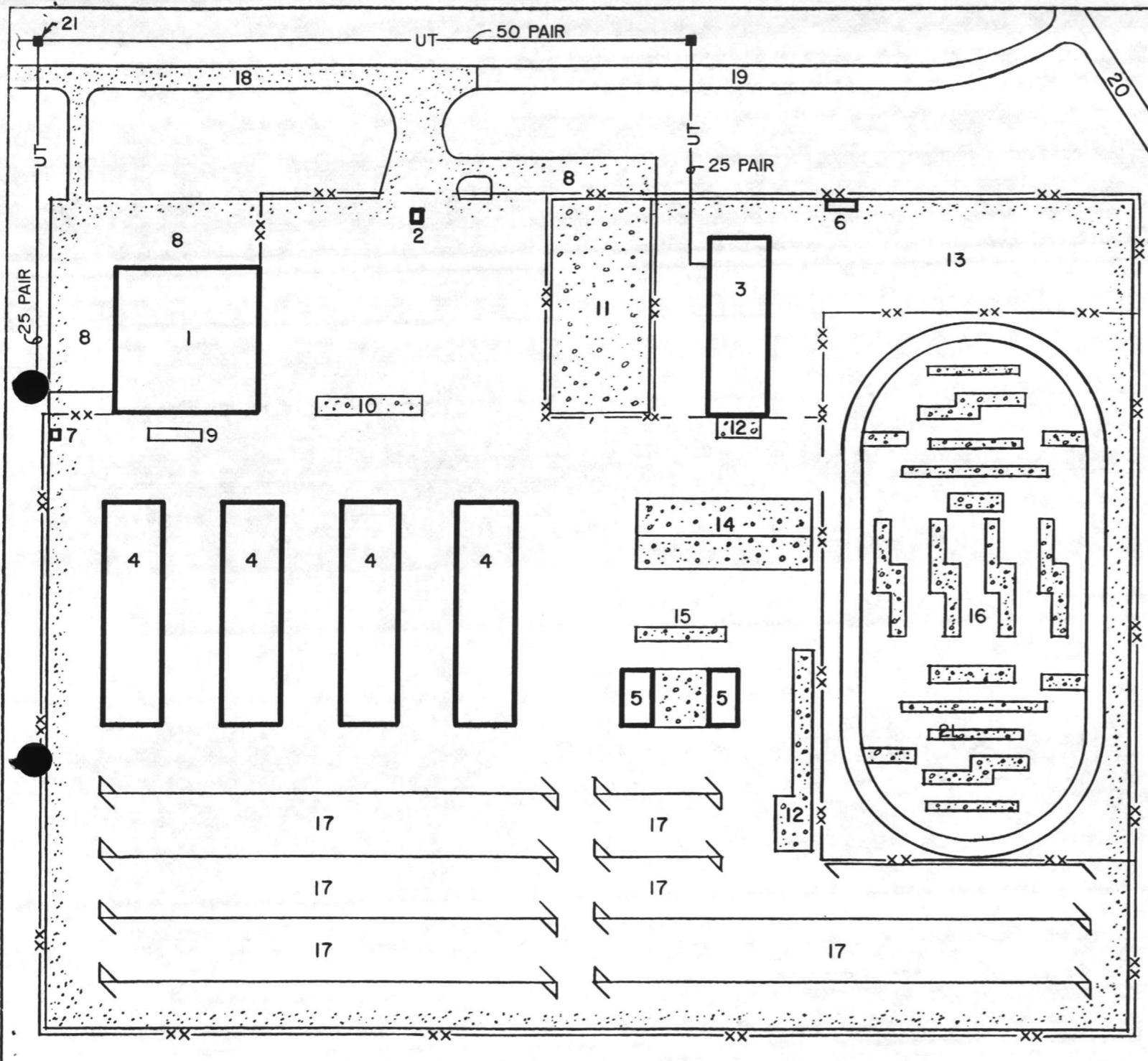
**LEGEND**

EXIST.		NEW	
[Symbol]	ASPHALT PAVEMENT	[Symbol]	ASPHALT PAVEMENT
[Symbol]	CONC. WALK	[Symbol]	CONC. WALK
[Symbol]	FENCE.	[Symbol]	FENCE.
[Symbol]	SWALE OR DITCH	[Symbol]	SWALE OR DITCH
[Symbol]	WATER	[Symbol]	WATER
[Symbol]	UNDERGROUND ELEC. LINE	[Symbol]	UNDERGROUND ELEC. LINE
[Symbol]	OVERHEAD ELEC. LINE	[Symbol]	OVERHEAD ELEC. LINE
[Symbol]	UNDERGROUND STEAM LINE	[Symbol]	UNDERGROUND STEAM LINE
[Symbol]	OVERHEAD STEAM LINE	[Symbol]	OVERHEAD STEAM LINE
[Symbol]	OVERHEAD TEL. LINE	[Symbol]	OVERHEAD TEL. LINE
[Symbol]	UNDERGROUND TEL. LINE W/ BOX	[Symbol]	UNDERGROUND TEL. LINE W/ BOX
[Symbol]	SAN. SEWER	[Symbol]	SAN. SEWER
[Symbol]	STORM SEWER W/CATCH BASIN	[Symbol]	STORM SEWER W/CATCH BASIN
[Symbol]	MANHOLE	[Symbol]	MANHOLE
[Symbol]	POINT OF CONNECTION	[Symbol]	POINT OF CONNECTION
[Symbol]	FIRE HYDRANT	[Symbol]	FIRE HYDRANT
[Symbol]	POLE W/ LIGHT	[Symbol]	POLE W/ LIGHT
[Symbol]	PAD MOUNTED TRANSFORMER.	[Symbol]	PAD MOUNTED TRANSFORMER.
[Symbol]	POLE MOUNTED TRANSFORMER	[Symbol]	POLE MOUNTED TRANSFORMER



**ELECTRICAL**  
 MCB, CAMP LEJEUNE N.C.  
 DRIVER TRAINING FACILITY (P-807)  
 ADEP ARCHITECTS CHARLOTTE, N.C.





**NOTES**

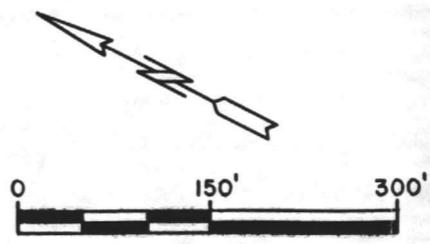
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21. APPROX. 750' FROM THIS POINT TO POINT OF CONNECTION

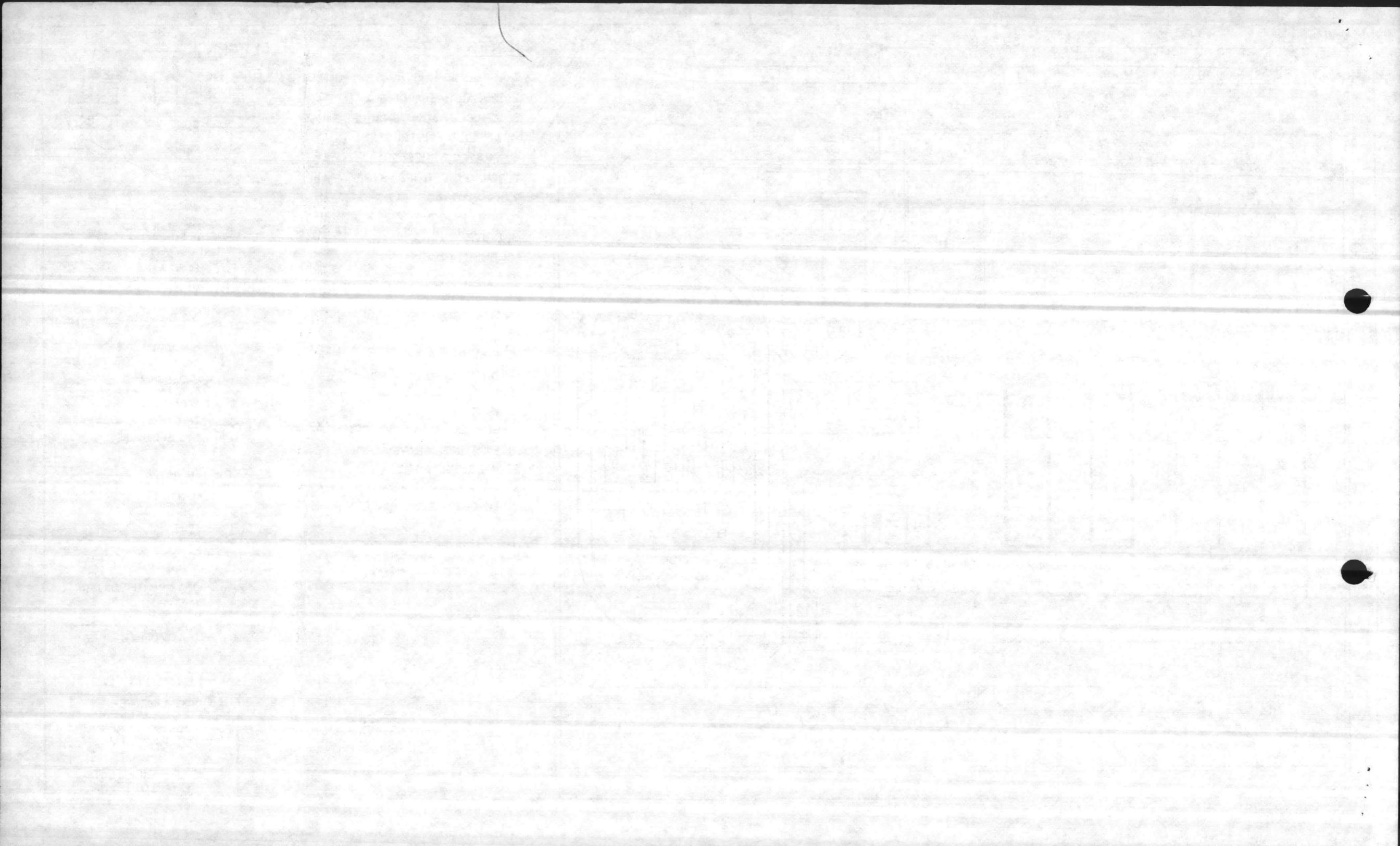
**LEGEND**

EXIST.	NEW

**TELEPHONE**

MCB, CAMP LEJEUNE N.C.  
 DRIVER TRAINING FACILITY (P-807)  
 ADEP ARCHITECTS CHARLOTTE, N.C.





11010  
PWO  
SEP 4 1 1987

From: Commanding General, Marine Corps Base, Camp Lejeune  
To: Commandant of the Marine Corps (LFL/MAJ Tiberg)  
Via: (1) Commander, Atlantic Division, Naval Facilities  
Engineering Command, Norfolk, VA 23511-6287  
(Attn: 09A2131/Code 487)  
(2) Commander, Naval Facilities Engineering Command,  
200 Stovall Street, Alexandria, VA 22332

Subj: FY 91 MILITARY CONSTRUCTION (MCON) PROJECT P-807 DRIVER  
TRAINING SCHOOL, MARINE CORPS BASE, CAMP LEJEUNE

Ref: (a) My ltr 11000 PWO dtd 12 May 87  
(b) PHONCON btwn MAJ Tiberg (CMC) and Mr. W. L. Brant  
(MCB, CamLej) of 27 Aug 87

Encl: (1) FY-91 MCON Project P-807, Driver Training School  
documentation consisting of revised DD Form 1391 dtd  
27 Aug 87, Facility Study with NAVFAC 11013 Cost  
Estimate, Facilities Planning Documentation and  
approved NAVMC Form 11069 Request for Site Approval  
with Site Location Map

1. The subject project was submitted as enclosure (4) to refer-  
ence (a). During reference (b), it was brought to Headquarter's  
attention that FY-91 MCON Project P-893 (BEQ's for Camp Johnson)  
was not programmed at the Headquarters level and the utility  
improvements that were a part of P-893 should be a part of FY-91  
MCON Project P-807 (Driver Training School). In accordance with  
reference (b) the enclosure is provided.

2. The subject project estimated cost has increased from \$9,000K  
to \$10,200K.

3. The Atlantic Division, Naval Facilities Engineering Command  
is requested to certify the cost of the subject project as shown  
by enclosure (1) to the Commander, Naval Facilities Engineering  
Command with copies to CMC and this Command.

4. Point of Contact for this Command is Mr. W. L. Brant on AV  
484-1833 or commercial (919) 451-1833.

B.W. ELSTON  
By direction

Copy to:  
CMC (LFL) (advance)  
NAVFACENGCOM (advance)

Blind copy to:  
FAC  
CO, MCSSS

Author: K. Foskey  
Typist: M. Thompson  
9-3-87, 1833

408 MWB 04

SEP 1 1987

Author: A. Rosenberg  
Title: [illegible]  
9-8-87, 1987

Blind copy to:  
SAC  
CO, W822

11000

PWO

MAY 12 1987

From: Commanding General, Marine Corps Base, Camp Lejeune  
To: Commandant of the Marine Corps (LFL)  
Via: (1) Commander, Atlantic Division, Naval Facilities Engineer-  
ing Command, Norfolk, VA 23511-6287  
(Attn: Code 09A21B3/Code 407)  
(2) Commander, Naval Facilities Engineering Command,  
200 Stovall Street, Alexandria, VA 22332

Subj: FY-90 AND FY-91 MILITARY CONSTRUCTION (MCON) PROGRAM FOR  
MARINE CORPS BASE, CAMP LEJEUNE, NC

Ref: (a) MCO P11000.12c  
(b) CMC Washington DC 160123Z Mar 87  
(c) My ltr 11000 of 29 Sep 86  
(d) My ltr 11000 of 20 Oct 86

Encl: (1) Revised NAVMC 10956 Summary for Correction of Facility  
Deficiencies for FY-90 MCON Program dtd 1 May 87  
(2) Partial FY-90 MCON Program documentation consisting of  
DD Form 1391 dtd 1 May 87, Facility Study with NAVFAC  
11013 Cost Estimate, Facility Planning Documents and  
approved NAVMC Form 11069 Request for Site Approval with  
Site Location Map, for the following projects:  
P-630, Bachelor Enlisted Quarters  
P-057, Division Operations Center, French Creek  
P-810, Mechanics Training Building (Increment 3)  
P-196, Combat Vehicle Maintenance Shop  
P-679, Electronics/Communications Maintenance Shop  
P-841, Mess Hall Addition  
(3) Revised NAVMC 10956 Summary for Correction of Facility  
Deficiencies for FY-91 MCON Program dtd 1 May 87  
(4) FY-91 MCON Program documentation consisting of DD Form  
1391 dtd 1 May 87, Facility Study with NAVFAC 11013  
Cost Estimate, Facility Planning Documents and an  
approved NAVMC Form 11069 Request for Site Approval  
with Site Location Map for the following projects:  
P-893, Bachelor Enlisted Quarters  
P-807, Driver Training School  
P-805, Field Maintenance Complex (Increment 4)  
P-569, Electronics/Communications Maintenance Shop  
P-568, Combat Vehicle Maintenance Shop  
P-266, Combat Vehicle Maintenance Shop  
P-542, Electronics/Communications Maintenance Shop  
P-541, Electronics/Communications Maintenance Shop  
P-507, Storage/USMC Ground Organic Units  
P-445, Combat Vehicle Maintenance Shop  
P-813, Ordnance Operations Building  
P-843, Road Improvements  
P-850, Bachelor Officer Quarters  
P-882, Mess Hall



Subj: FY-90 AND FY-91 MILITARY CONSTRUCTION (MCON) PROGRAM FOR  
MARINE CORPS BASE, CAMP LEJEUNE, NC

1. Reference (a) provides detailed guidance in the formulation and submission of MCON programming. Reference (b) requested project submission for Camp Lejeunes' FY-90 and FY-91 Military Construction (MCON) Programs, if not already submitted.

2. Reference (c) provided the previous submission of our FY-90 MCON program. However, due to required scope and cost clarifications certain projects are being resubmitted. They are P-630, Bachelor Enlisted Quarters and P-196, Combat Vehicle Maintenance Shop. In addition, several projects were deferred from the FY-89 MCON program and are being submitted for inclusion into the FY-90 MCON program. They are P-057, Division Operations Center, French Creek; P-810, Mechanics Training Building (Incr 3); P-841, Mess Hall and P-679, Electronics/Communications Maintenance Shop.

3. Enclosure (1) submits revised NAVMC 10956, Summary for Correction of Facility Deficiencies, for the FY-90 MCON Program reflecting the indicated changes; and enclosure (2) submits revised project documentation for the above mentioned projects.

4. Reference (d) provided the previous submission (NAVMC 10956 and DD 1391's only) for our FY-91 MCON program. Since that submission, further project development has been accomplished resulting in minor changes to several projects. Additionally, one first time submission, project P-893, Bachelor Enlisted Quarters has been included in our FY-91 program.

5. Accordingly, enclosure (3) submits revised NAVMC 10956, Summary for Correction of Facility Deficiencies for FY-91 reflecting updated project information. Enclosure (4) provides complete project documentation for all projects in our FY-91 program.

6. The Atlantic Division, Naval Facilities Engineering Command is requested to certify the cost of all projects as shown by enclosures (1) through (4) to the Commander, Naval Facilities Engineering Command with copies to CMC and this Command.

T. J. DALZELL  
By direction

Copy to:  
CMC (LFF) (advance)  
NAVFACENCOM (advance)  
CG, FMFLANT (G-4)  
CG, 2D MARDIV  
CG, 2D FSSG  
CG, II MAF  
CG, 6TH MAB



Subj: FY-90 AND FY-91 MILITARY CONSTRUCTION (MCON) PROGRAM FOR  
MARINE CORPS BASE, CAMP LEJEUNE, NC

Blind copy to:

AC/S FAC

AC/LOG (P-813 and P-843 only)

FOOD (P-882 and P-841 only)

CO, MCSSS (P-810 and P-807 only)

CO, MCES (P-893 only)

Dir Bach Hsg (P-850 only)

Writer: Larry Brant

Typist: Mary Thompson

5-7-87, 1833



DATE  
**27 AUG 87**  
TIME (Began-Completed)  
**09:05 - 09:15**

(This record is to be used for both incoming and outgoing calls)

TO: Chief of Staff,

ORIGINATOR  
(Name, Title, Location & Telephone Number Charged)  
**W.L. BRANT, PLANNING SECTION**  
**MCB CAMP LEJEUNE**

PERSON CALLED  
(Name, Title, Location & Telephone Number Charged)  
**MAJ. ROBERT TIBERG, CODE LFL**  
**HEADQUARTERS MARINE CORPS**  
**(AV-224-1966)**

SUBJECT  
**FY-91 MCON PROJECTS P-893 AND**  
**P-807**  
**(UTILITY IMPROVEMENTS CAMP JOHNSON)**

ROUTING			
ACTIVITY OR NAME	ACTION	INFO	INITIAL

COMMENTS:  
**(STEVE VINES WAS ON LEAVE, THEREFORE**  
**I SPOKE WITH MAJ. TIBERG)**  
**WLB.**

COST OF CALL (MCB Units Only)  
 CHARGEABLE TO STATION ALLOTMENT  
 NOT CHARGEABLE TO STATION ALLOTMENT

SUMMARY OF CONVERSATION

SINCE FY-91 MCON PROJECT P-893 WAS NOT PROGRAMMED AT H.Q.'S LEVEL, MAJ TIBERG AGREED THAT THE CAMP JOHNSON UTILITY IMPROVEMENTS THAT WERE TO BE A PART OF THAT PROJECT, SHOULD BE ADDED ON TO (FY-91) P-807.

MAJ TIBERG WAS ADVISED THAT THE UTILITY IMPROVEMENTS WOULD ADD APPROX \$1.5mil, TO P-807 PROJECT COST.

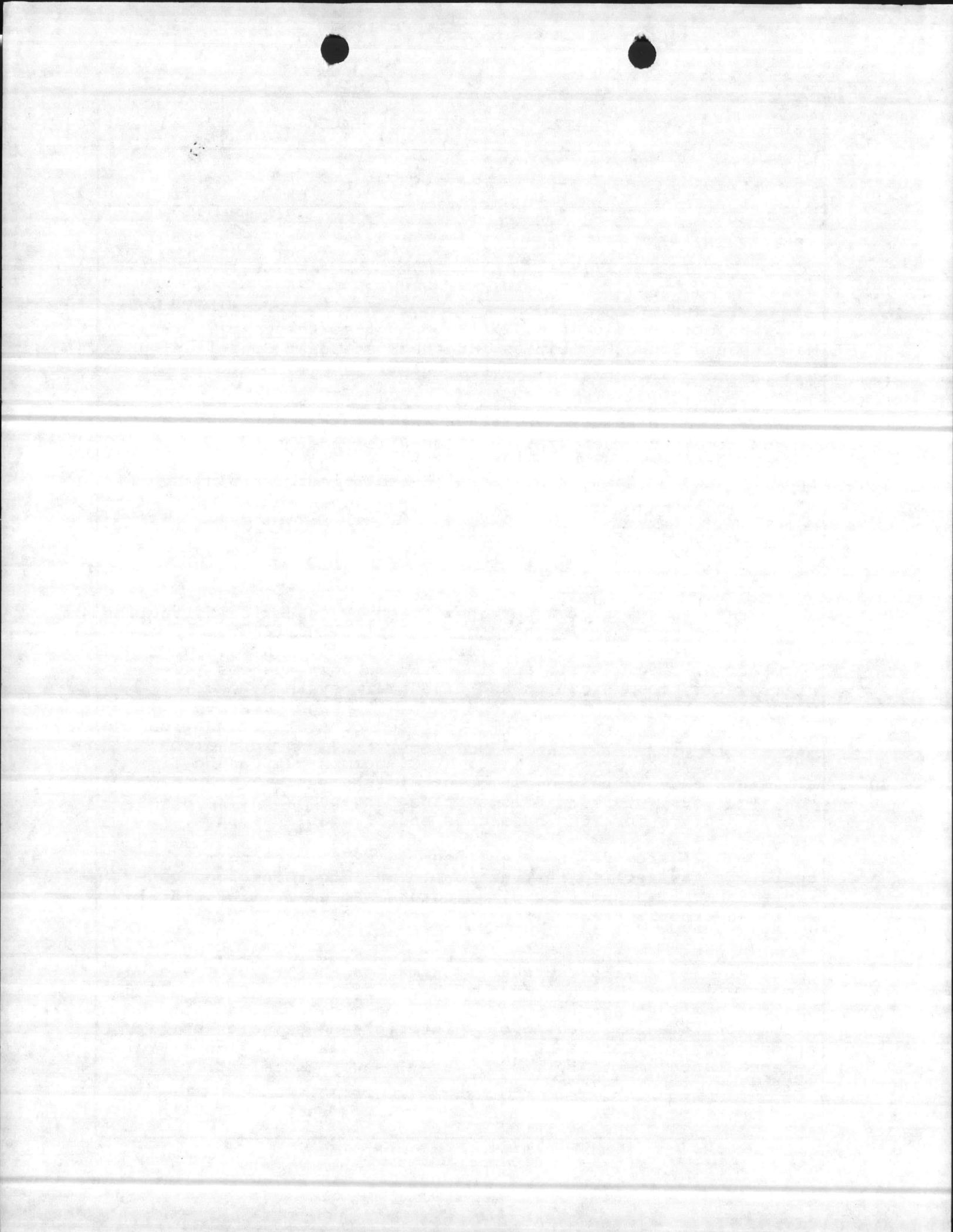
IT WAS AGREED THAT P-807 WOULD BE REVISED AND SUBMITTED TO H.Q.'S (LFL) DURING THE WEEK OF 31 AUG - 4 SEPT 87.

COPIES TO:

SIGNATURE **W.L. Brant** 29/Aug/87



1. COMPONENT NAVY	FY 19 <sup>91</sup> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 Aug 87
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE DRIVER TRAINING SCHOOL	5. PROJECT NUMBER P-807	
<p style="text-align: center;"><u>FACILITY STUDY</u></p> <p><u>1. Project:</u> Provide 116,022 SF of Applied/Academic/Vehicle Maintenance Shopo Facilities for the East Coast Consolidated Driver Training School at Camp Johnson.</p> <p><u>2. Current and Planned Future Workload with Regard to this Project:</u> The percentage of usage for this facility is 100% of the time, and the duration of need is indefinite. It can only be anticipated that the future workload will increase as the East Coast Consolidated Driver Training School is established.</p> <p><u>3. Description of Proposed Construction:</u></p> <p style="padding-left: 2em;"><u>a. Type of Construction:</u></p> <p style="padding-left: 4em;">(1) Construct a permanent masonry academic instruction facility of reinforced concrete foundation and floors, structural steel framing, masonry walls, built up roof and insulation, steel joist, and interior support systems (i.e.: HVAC system, communication and fire alarm systems, etc.) Construct a vehicle maintenance shop with high bays of structural steel framing and reinforced concrete foundation and floors with masonry walls and built-up roof and insulation. Interior support systems ( i.e.: HVAC, communication and fire alarm system, compressed air, central lube system, hydraulic vehicle lifts, overhead bridge crane, engine exhaust systems, etc.) storage for POL, hazardous and flammable storage.</p> <p style="padding-left: 4em;">(2) Provide and erect four 70'x250' pre-engineered buildings for applied instruction to include reinforced concrete foundation and floors, structural steel framing, metal walls and roof systems with steel joist and engine exhaust systems.</p> <p style="padding-left: 4em;">(3) Exterior support systems for the Driver Training Facility includes wash aprons with pollution control, 2-38'x68' shelter s with concrete floors, fencing and lighting, pavement site improvements, fording pit, interior and exterior utility connections, driver maneuver skills road test. Provide miscellaneous improvements to steam, water, sewer and electrical utilities.</p>		



1. COMPONENT NAVY	FY 19 <sup>91</sup> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 Aug 87
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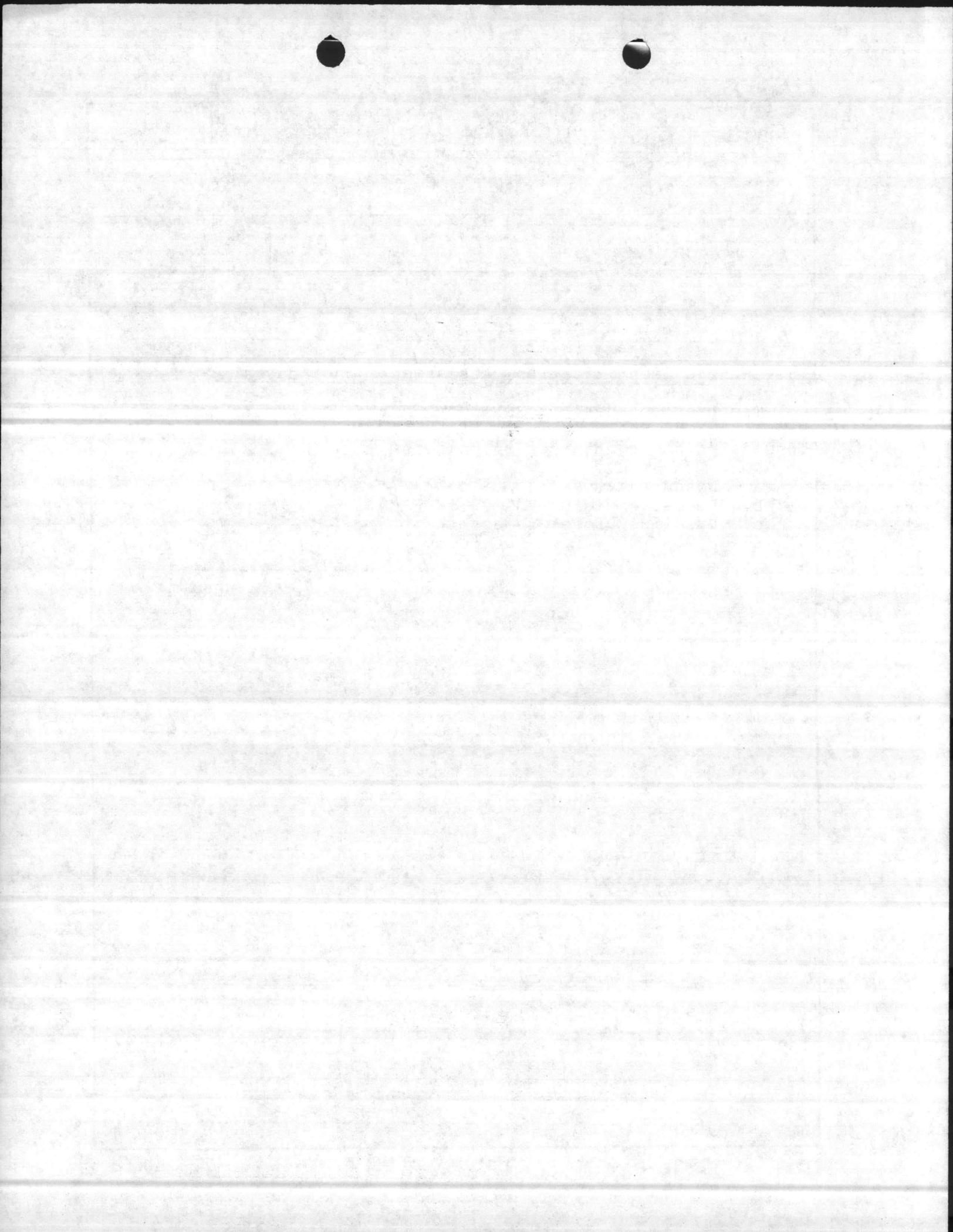
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542
---

4. PROJECT TITLE DRIVER TRAINING SCHOOL	5. PROJECT NUMBER P-807
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18. Hazard Identification, Assessments and Analysis:

The proposed facility will be a Motor Transport School Facility. The following potential hazardous conditions will be considered during the design phase:

- a. Exhaust Fumes
- b. Battery Acid Fumes
- c. Gasoline/Diesel fumes



ASSISTANT CHIEF OF STAFF, FACILITIES  
HEADQUARTERS, MARINE CORPS BASE

DATE 11-3-87

TO:

BASE MAINT O

PUBLIC WORKS O

COMM-ELECT O

DIR., NAT. RESOURCES & ENV. AFFAIRS

DIR, FAMILY HOUSING

DIR, BACHELOR HOUSING

BASE FIRE CHIEF

ATTN: Mc Lane

1. Attached is forwarded for info/action.

2. Please initial, or comment, and return all papers to this office.

3. Your file copy.

*Larry Wm*  
*FRED*  
*Karen KM7*  
*BW*  
*by dir*  
*FT-3 ITB*

"LET'S THINK OF A FEW REASONS  
WHY IT CAN BE DONE"



1882

1882

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1882



DEPARTMENT OF THE NAVY  
NAVAL HOSPITAL  
CAMP LEJEUNE, NORTH CAROLINA 28542-5008

IN REPLY REFER TO

6260.3g  
371/88-043-3g  
28 Oct 87

From: Commanding Officer  
To: Commanding General, Marine Corps Base, Camp Lejeune, NC 28542  
(Attn: AC/S Facilities Department)

Subj: REVIEW OF PUBLIC WORKS CONSTRUCTION PROJECTS

Ref: (a) OPNAVINST 5100.23B

1. It is requested per reference (a) that the Public Works Division coordinate with the Industrial Hygiene Branch, Occupational Health and Preventive Medicine Department to review the below listed projects for proper design so that all appropriate occupational health/industrial hygiene standards are incorporated:

- a. Project P807 Drivers Training School
- b. Project P828 Field Medical Service School
- c. PWD No. 88-02 Sawdust Exhaust System, Bldg 1041

*Cancelled*

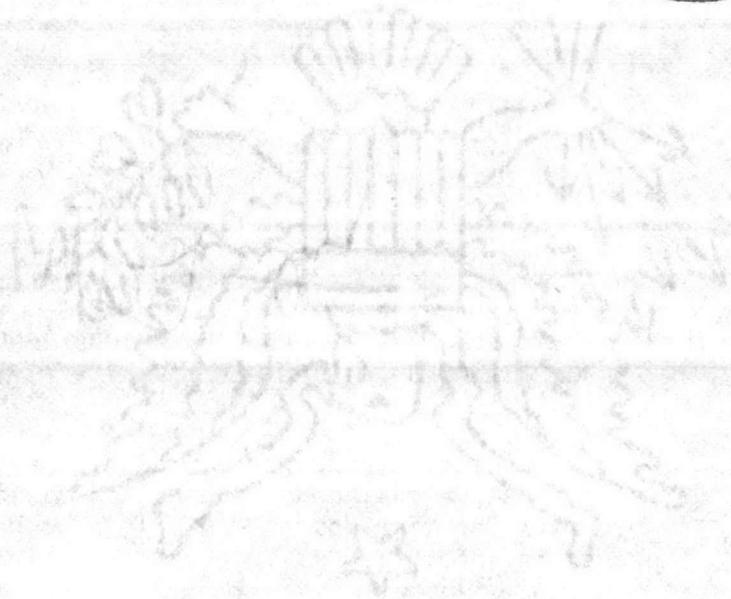
2. The point of contact concerning this request is Mr. Robert E. Bastob (Industrial Hygienist) at extension 2707. Mr. Bastob will be available during each stage of the project to review the blueprints and specifications as well as to review the finalized blueprints and specifications before bids are let.

3. The project should also be reviewed by Base Safety, Base Fire Department, and any other applicable personnel during each stage.

*[Handwritten Signature]*  
U. P. GENTRY  
By direction

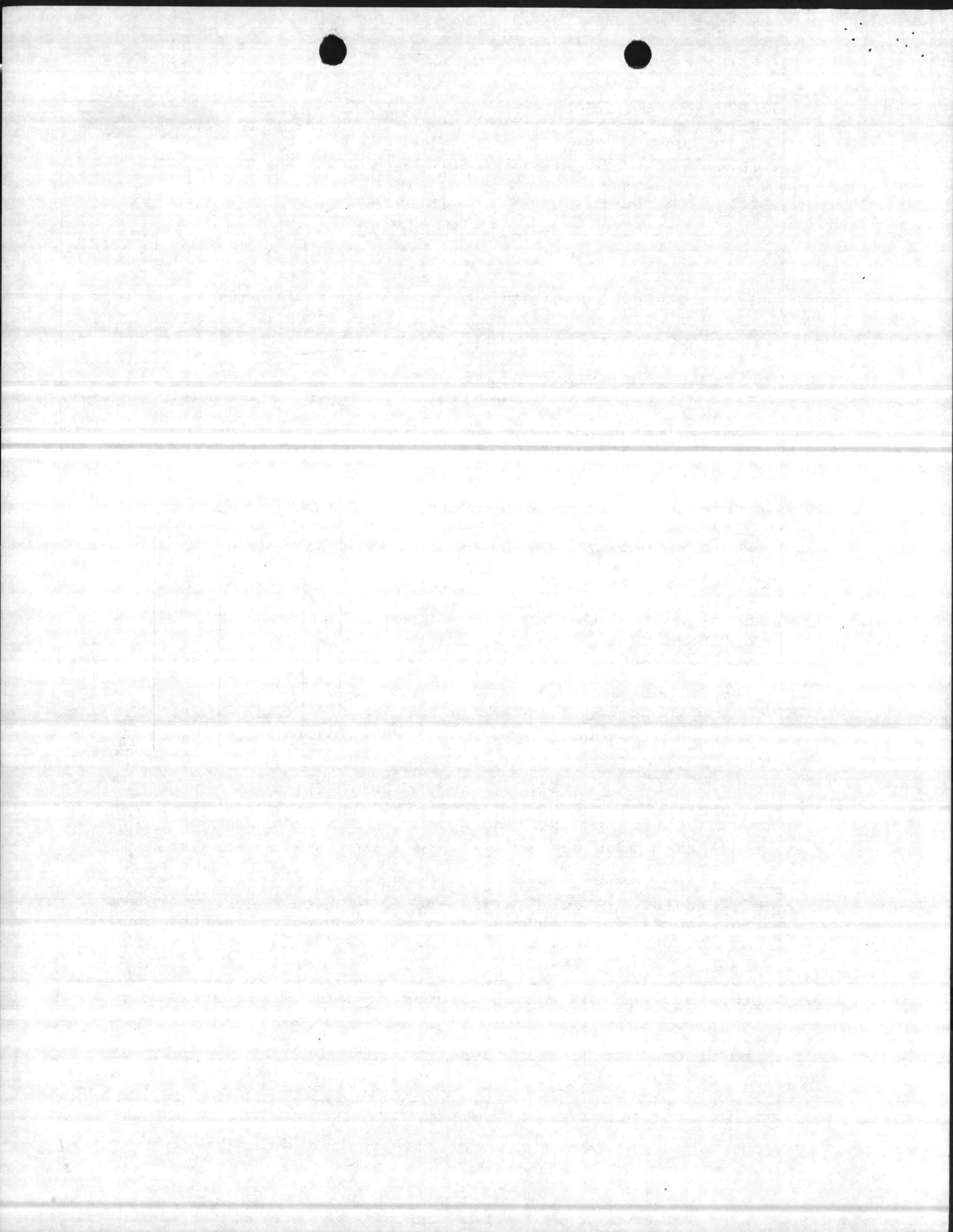
Copy to:  
Base Safety  
Base Fire Department  
Public Works Officer





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1. COMPONENT NAVY		FY 19 <sup>91</sup> MILITARY CONSTRUCTION PROJECT DATA			2. DATE 1 Jun 87	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542				4. PROJECT TITLE DRIVER TRAINING SCHOOL		
5. PROGRAM ELEMENT		6. CATEGORY CODE 171-10	7. PROJECT NUMBER P-807		8. PROJECT COST (\$000) 9,000	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
DRIVER TRAINING FACILITY		SF	116,022	-	5,629	
Academic Instruction Bldg.		SF	26,539	64.00	(1,698)	
Applied Instruction Bldg.		-	-	-	-	
Pre-Engineered Bldg 4 @ 70'x250'		SF	70,000	32.50	(2,275)	
Covered Shelters 2 @ 38x68		SF	5,168	22.50	(116)	
-Vehicle Maintenance Shop		SF	14,090	61.00	(860)	
Dispatch Bldg.		SF	225	64.00	(14)	
Built-In Equipment		-	-	-	(666)	
SUPPORTING FACILITIES		-	-	-	2,544	
Special Construction Features		LS	-	-	(100)	
Utilities		LS	-	-	(546)	
Comm and Fire Alarm System		LS	-	-	(58)	
Pavement		LS	-	-	(1,274)	
Wash Aprons		LS	-	-	(225)	
Site Improvements		LS	-	-	(100)	
Misc Structures (drive-up ramp, Fording pit, fuel pumps, etc.)		LS	-	-	241	
SUBTOTAL		-	-	-	8,173	
CONTINGENCY 5%		-	-	-	409	
TOTAL CONTRACT COST		-	-	-	8,582	
SIOH 5.5%		-	-	-	472	
TOTAL REQUEST		-	-	-	9,054	
TOTAL REQUEST ROUNDED		-	-	-	9,000	
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS		-	-	-	-0-	
10. Description of Proposed Construction:						
<p>Construct a permanent masonry academic instruction building consisting of reinforced concrete foundation and floors, structural steel framing, masonry walls, built-up roof and insulation with steel joist and interior support systems (i.e.: HVAC system, communication and fire alarm systems, etc.) Construct a vehicle maintenance shop with high bays of structural steel framing and reinforced concrete foundation and floors with masonry walls, and built-up roof and insulation. Interior support systems (HVAC, communications and fire alarm system, compressed air, central lube system, hydraulic lifts, overhead bridge crane, engine exhaust system etc.) storage for POL, hazardous, and flammable storage. Provide and erect four 70'x250' pre-engineered buildings for applied instruction to include reinforced concrete foundation and floors, structural steel framing, metal walls and roof systems with steel joist and engine exhaust systems. Exterior support systems for the Driver Training Facility include, wash</p>						





JUN 0 2 1987

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1838  
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11000  
PWO

From: Commanding General, Marine Corps Base, Camp Lejeune  
To: Commandant of the Marine Corps (LFL)  
Via: (1) Commander, Atlantic Division, Naval Facilities  
Engineering Command, Norfolk, VA 23511-6287  
(Attn: Code 09A2131/Code 407)  
(2) Commander, Naval Facilities Engineering Command,  
200 Stovall Street, Alexandria, VA 22332

Subj: FY-91 MILITARY CONSTRUCTION (MCON) PROJECT P-807, DRIVER  
TRAINING SCHOOL, MARINE CORPS BASE, CAMP LEJEUNE

Ref: (a) My ltr 11000 PWO dtd 12 May 87  
(b) PHONCON Ms. K. Wirick (CMC) and Mr. W. L. Brant  
(MCB CamLej) of 26 May 87

Encl: (1) FY-91 MCON Project P-807, Driver Training School,  
documentation consisting of revised DD Form 1391  
dtd 1 Jun 87, Facility Study with NAVFAC 11013  
Cost Estimate, Facilities Planning Documentation,  
and approved NAVMC Form 11069 Request for Site  
Approval with Site Location Map

1. The subject project was submitted as enclosure (4) to refer-  
ence (a). During reference (b), it was brought to our attention  
that an incorrect SF/Student factor had been used when computing  
Classroom Space Requirements. In accordance with Table 171-10 of  
NAVFAC P-89, the Academic Instruction space (171-10) has been  
increased by 2,139 square feet.

2. The subject project scope for Academic Instruction space is  
26,539 SF in lieu of 24,400 SF. Therefore total project scope  
for the Driver Training School is 116,022 SF vice 113,883 SF and  
the estimated cost has been increased to \$9,000,000.

3. The Atlantic Division, Naval Facilities Engineering Command  
is requested to certify the cost of the subject project as shown  
by enclosure (1) to the Commander, Naval Facilities Engineering  
Command with copies to CMC and this Command.

4. Point of contact for this Command is Mr. W. L. Brant on AV  
484-1833 or commercial (919) 451-1833.

B. W. ELSTON

By direction Blind copy to:

ACS/FAC  
CO, MCSSS

Copy to:  
CMC (LFL) (advance)  
NAVFACENCOM (advance)

Author: K. Foskey  
Typist: M. Thompson  
1833, 6/1/87

1833-61781  
Author: M. Johnson  
Author: K. Foskey  
CO. MOSS  
ACR/FAC  
Hind copy to:

1. COMPONENT NAVY	FY 19 <sup>91</sup> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 1 Jun 87
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE DRIVER TRAINING SCHOOL	5. PROJECT NUMBER P-807	

FACILITY STUDY

1. Project: Provide 116,022 SF of Applied/Academic/Vehicle Maintenance Shop Facilities for the East Coast Consolidated Driver Training School at Camp Johnson.

2. Current and Planned Future Workload with Regard to this Project: The percentage of usage for this facility is 100% of the time, and the duration of need is indefinite. It can only be anticipated that the future workload will increase as the East Coast Consolidated Driver Training School is established.

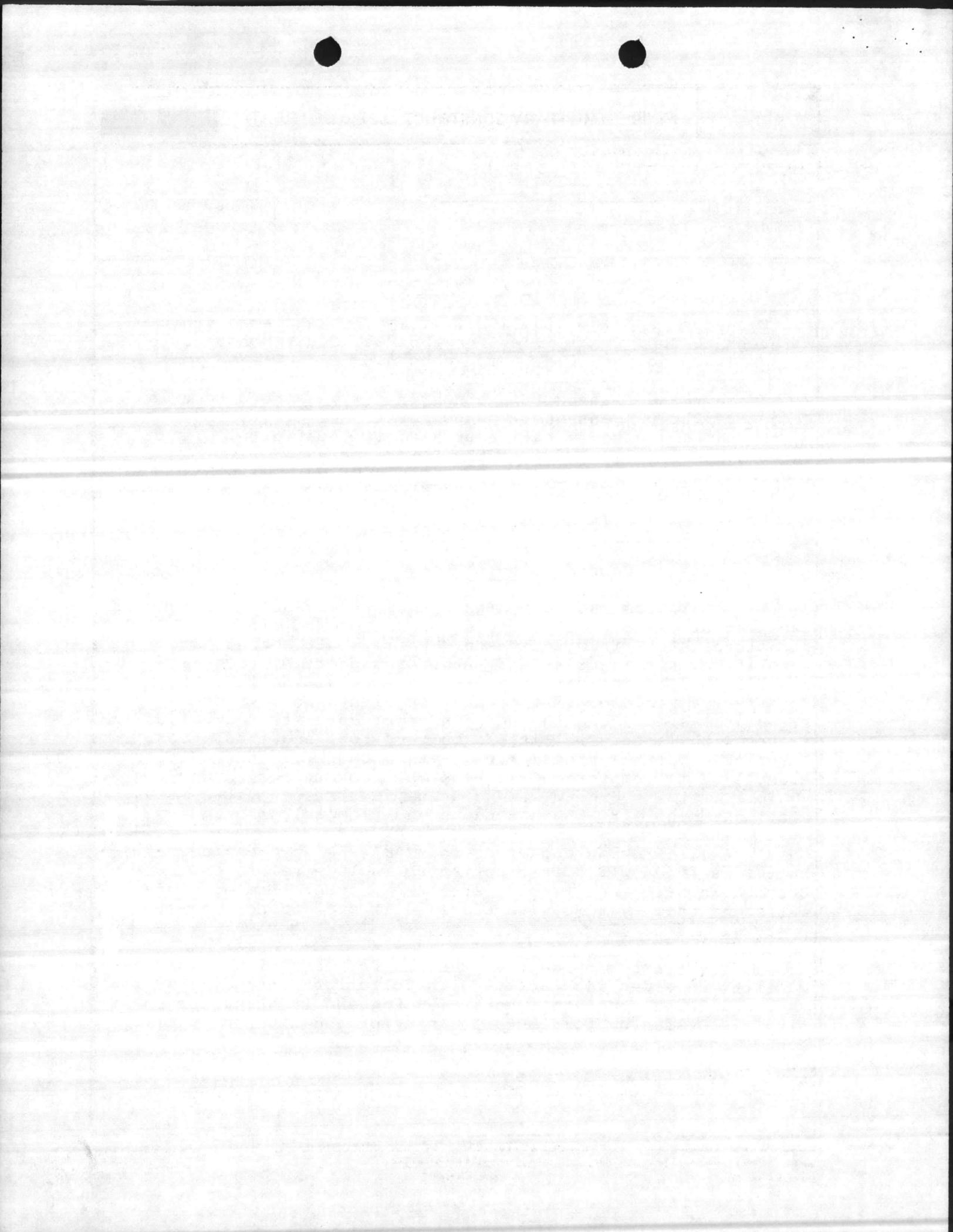
3. Description of Proposed Construction:

a. Type of Construction:

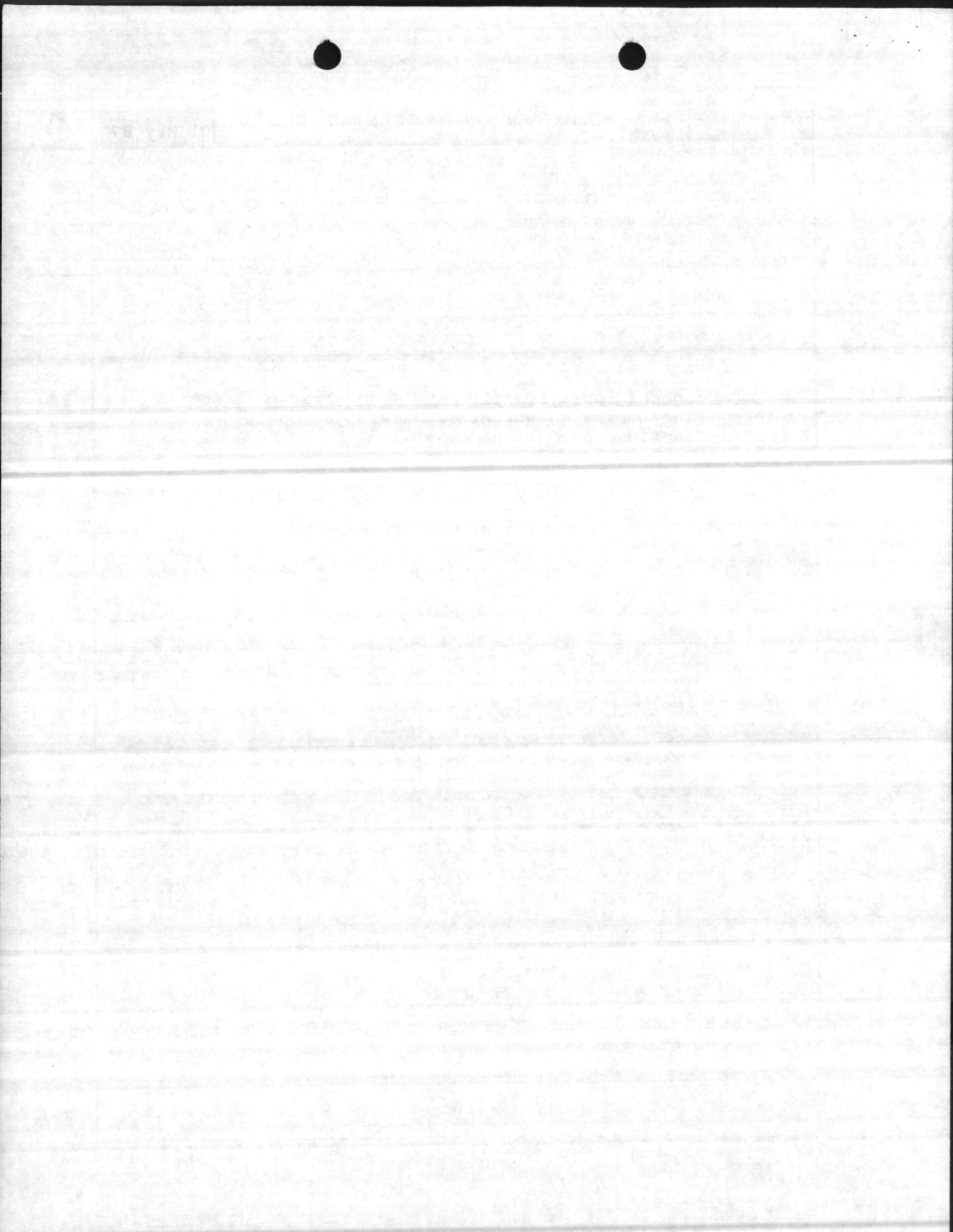
(1) Construct a permanent masonry academic instruction facility of reinforced concrete foundation and floors, structural steel framing, masonry walls, built up roof and insulation, steel joist, and interior support systems (i.e.: HVAC system, communication and fire alarm systems, etc.) Construct a vehicle maintenance shop with high bays of structural steel framing and reinforced concrete foundation and floors with masonry walls and built-up roof and insulation. Interior support systems ( i.e.: HVAC, communication and fire alarm system, compressed air, central lube system, hydraulic vehicle lifts, overhead bridge crane, engine exhaust systems, etc.) storage for POL, hazardous and flammable storage.

(2) Provide and erect four 70'x250' pre-engineered buildings for applied instruction to include reinforced concrete foundation and floors, structural steel framing, metal walls and roof systems with steel joist and engine exhaust systems.

(3) Exterior support systems for the Driver Training Facility includes wash aprons with pollution control, 2-38'x68' shelter s with concrete floors, fencing and lighting, pavement site improvements, fording pit, interior and exterior utility connections, driver maneuver skills road test.



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3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE DRIVER TRAINING SCHOOL	5. PROJECT NUMBER P-807	
<p>18. <u>Hazard Identification, Assessments and Analysis:</u></p> <p>The proposed facility will be a Motor Transport School Facility. The following potential hazardous conditions will be considered during the design phase:</p> <ul style="list-style-type: none"> <li>a. Exhaust Fumes</li> <li>b. Battery Acid Fumes</li> <li>c. Gasoline/Diesel fumes</li> </ul>		



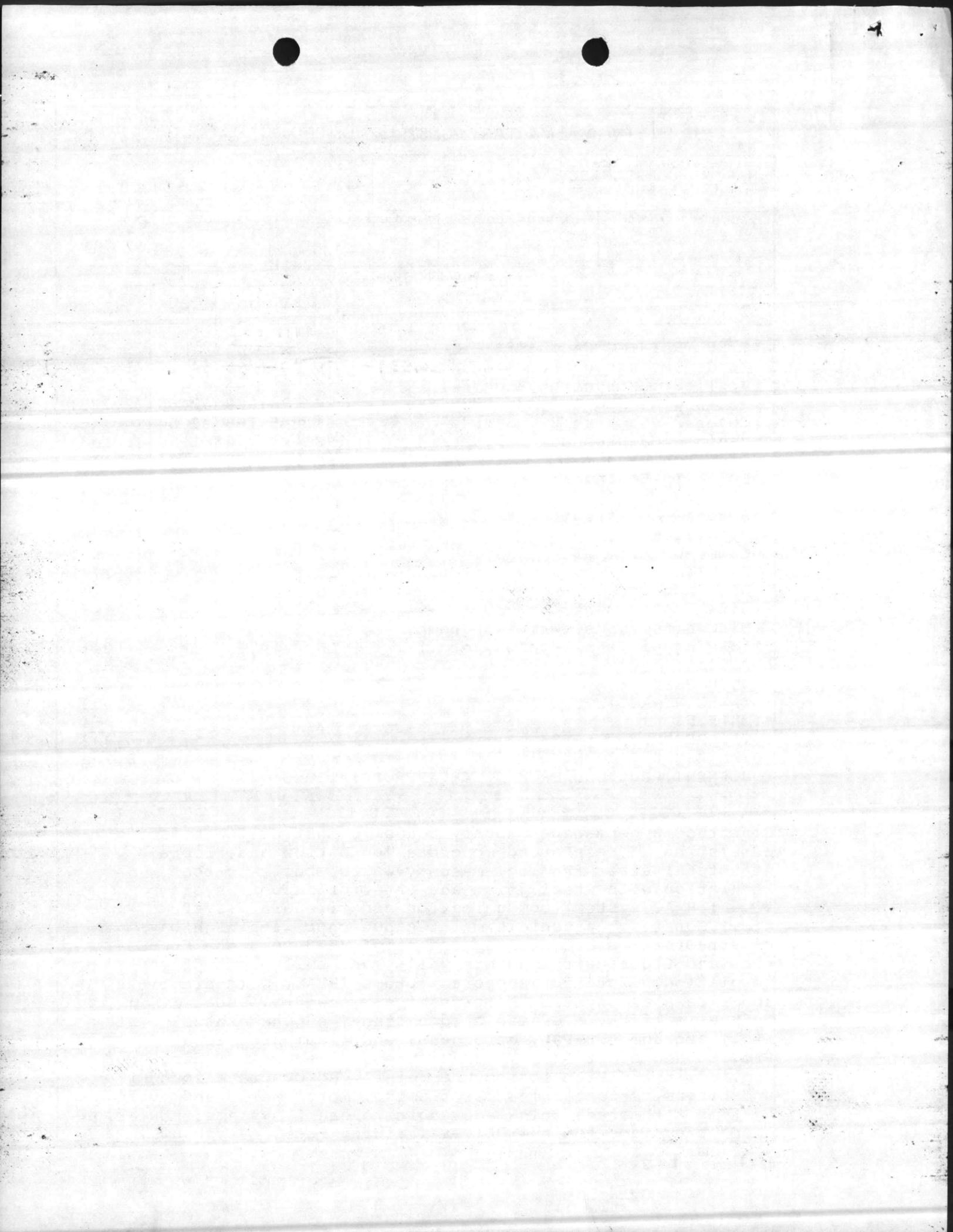
1. COMPONENT NAVY		FY 19 <sup>91</sup> MILITARY CONSTRUCTION PROJECT DATA		2. DATE 01 May 87	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC 28542			4. PROJECT TITLE DRIVER TRAINING SCHOOL		
5. PROGRAM ELEMENT	6. CATEGORY CODE 171-10	7. PROJECT NUMBER P-807	8. PROJECT COST (\$000) <del>8,900</del> 9,000		

9. COST ESTIMATES

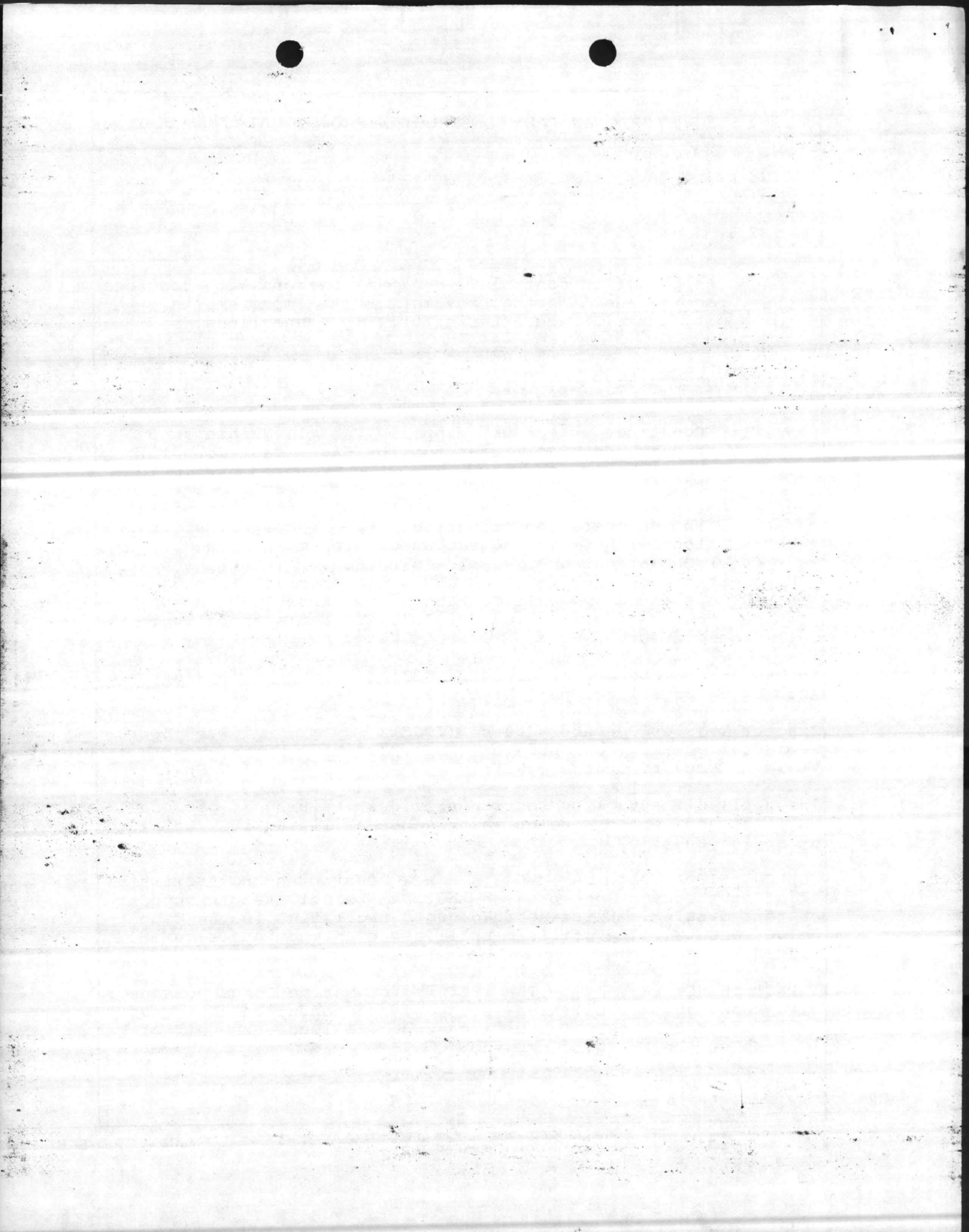
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
DRIVER TRAINING FACILITY		116,022		
Academic Instruction Bldg. <i>Site Max incl</i>	SF	<del>113,883</del>	-	<del>5,493</del> 5,629
Applied Instruction Bldg. <i>26,539</i>	SF	<del>24,400</del>	64.00	<del>(1,562)</del> (1,698)
Pre-Engineered Bldgs, 4 @ 70'x250'	SF	70,000	32.50	(2,275)
Covered Shelters 2 @ 38x68	SF	5,168	22.50	(116)
Vehicle Maintenance Shop	SF	14,090	61.00	(860)
Dispatch Bldg.	SF	225	64.00	(14)
Built-In Equipment	-	-	-	(666)
SUPPORTING FACILITIES	-	-	-	2,544
Special Construction Features	LS	-	-	(100)
Utilities	LS	-	-	(546)
Comm and Fire Alarm System	LS	-	-	(58)
Pavement	LS	-	-	(1,274)
Wash Aprons	LS	-	-	(225)
Site Improvements	LS	-	-	(100)
Misc Structures (drive-up ramp, fording pit, fuel pumps, etc.)	LS	-	-	(241)
SUBTOTAL	-	-	-	8,037 8,173
CONTINGENCY 5%	-	-	-	401 409
TOTAL CONTRACT COST	-	-	-	8,438 8,582
SIOH 5.5%	-	-	-	464 472
TOTAL REQUEST	-	-	-	8,902 9,054
TOTAL REQUEST ROUNDED	-	-	-	8,900 9,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	-	-0- -0-

10. DESCRIPTION OF PROPOSED CONSTRUCTION

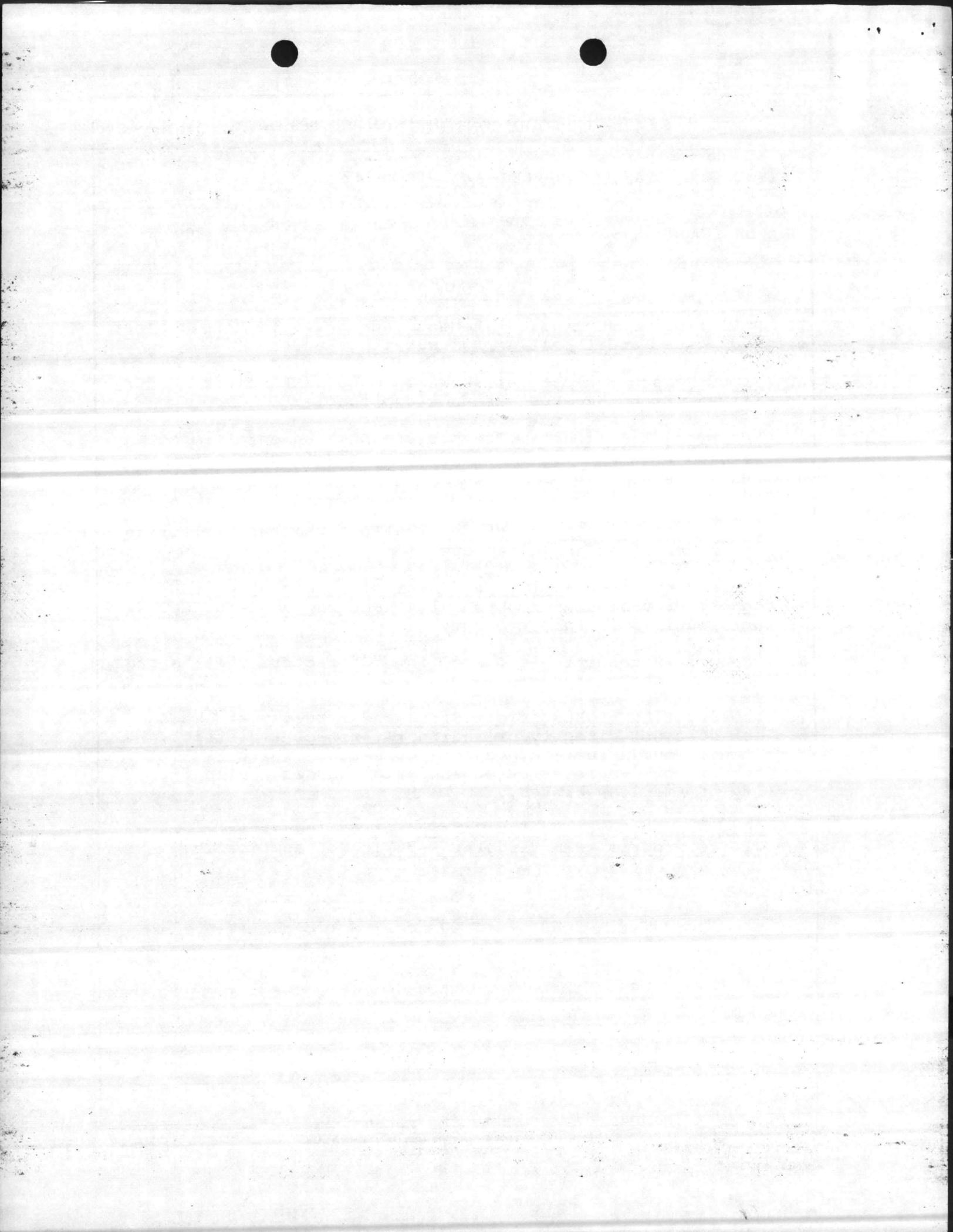
Construct a permanent masonry academic instruction building consisting of reinforced concrete foundation and floors, structural steel framing, masonry walls, built-up roof and insulation with steel joist and interior support systems (i.e.: HVAC system, communication and fire alarm systems, etc.) Construct a vehicle maintenance shop with high bays of structural steel framing and reinforced concrete foundation and floors with masonry walls, and built-up roof and insulation. Interior support systems (HVAC, communications and fire alarm system, compressed air, central lube systems, hydraulic lifts, overhead bridge crane, engine exhaust system etc.) storage for POL, hazardous, and flammable storage. Provide and erect four 70'x250' pre-engineered buildings for applied instruction to include reinforced concrete foundation and floors, structural steel framing, metal walls and roof systems with steel joist and engine exhaust systems. Exterior support systems for the Driver Training Facility include, wash



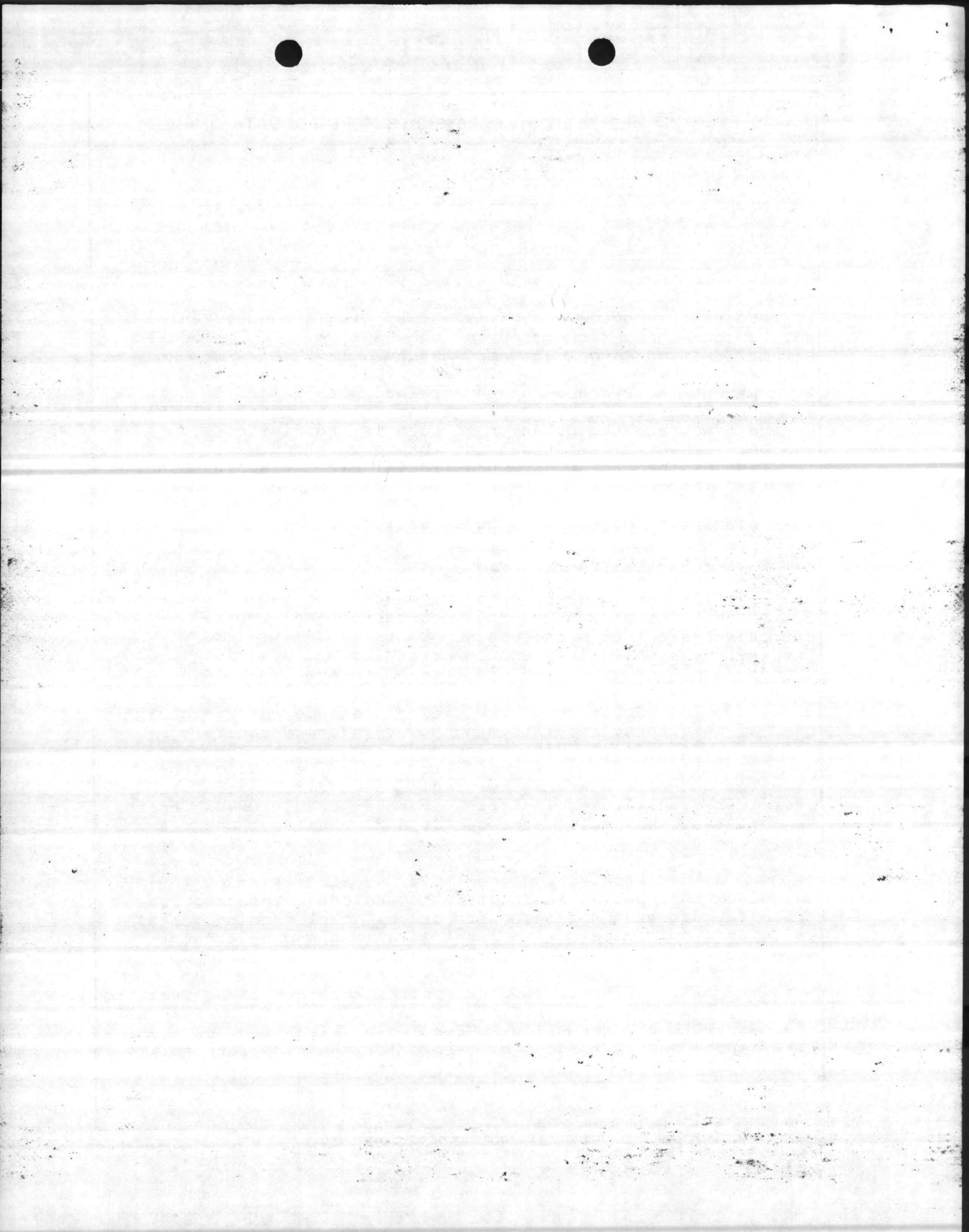
1. COMPONENT NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 May 87										
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542												
4. PROJECT TITLE DRIVER TRAINING SCHOOL	5. PROJECT NUMBER P-807											
aprons with pollution control, 2-38'x68' shelters with concrete floors, fencing and lighting, pavement, site improvements, fording pit, interior and exterior utility connections.												
11. <u>REQUIREMENTS:</u>												
<u>PROJECT:</u> Construct an Academic/Applied/Vehicle Maintenance Facility as permanent facilities for the East Coast Consolidated Driver Training School.												
<u>REQUIREMENT:</u> Provide adequate facilities for training military personnel in the operation of various types of organizational vehicles along with first and second echelon maintenance. The East Coast Consolidated Driver Training School maintains over 400 pieces of rolling stock and employs approximately 110 instructors and 20 vehicle maintenance workers. The school provides academic instruction for 3,334 students annually in the following courses:												
<table border="0"> <tr> <td>Motor Vehicle Operator's Course (MVOC)</td> <td>249 Hours</td> </tr> <tr> <td>Automotive Organizational Maint.Course (AOMC) (Driver Training portion only)</td> <td>118 Hours</td> </tr> <tr> <td>Tractor Trailer Operator Course (TTOC)</td> <td>168.65 Hours</td> </tr> <tr> <td>Semi-Trailer Refueler Operator Course (SROC)</td> <td>67 Hours</td> </tr> <tr> <td>Vehicle Recovery Course (VRC)</td> <td>189 Hours</td> </tr> </table>			Motor Vehicle Operator's Course (MVOC)	249 Hours	Automotive Organizational Maint.Course (AOMC) (Driver Training portion only)	118 Hours	Tractor Trailer Operator Course (TTOC)	168.65 Hours	Semi-Trailer Refueler Operator Course (SROC)	67 Hours	Vehicle Recovery Course (VRC)	189 Hours
Motor Vehicle Operator's Course (MVOC)	249 Hours											
Automotive Organizational Maint.Course (AOMC) (Driver Training portion only)	118 Hours											
Tractor Trailer Operator Course (TTOC)	168.65 Hours											
Semi-Trailer Refueler Operator Course (SROC)	67 Hours											
Vehicle Recovery Course (VRC)	189 Hours											
The applied instruction section provides training of personnel on first and second echelon maintenance utilizing 100 vehicles at any given time.												
<u>CURRENT SITUATION:</u> The MVOC is a new mission and no facilities exist in the Camp Johnson Area that can be utilized in support of this mission. Existing inadequate facilities in the Camp Geiger area will be utilized until new construction is completed.												
<u>IMPACT IF NOT PROVIDED:</u> The training of Marine Corps personnel will continue in facilities which are not conducive to a good learning experience which will continue to impair the effectiveness of the training program.												



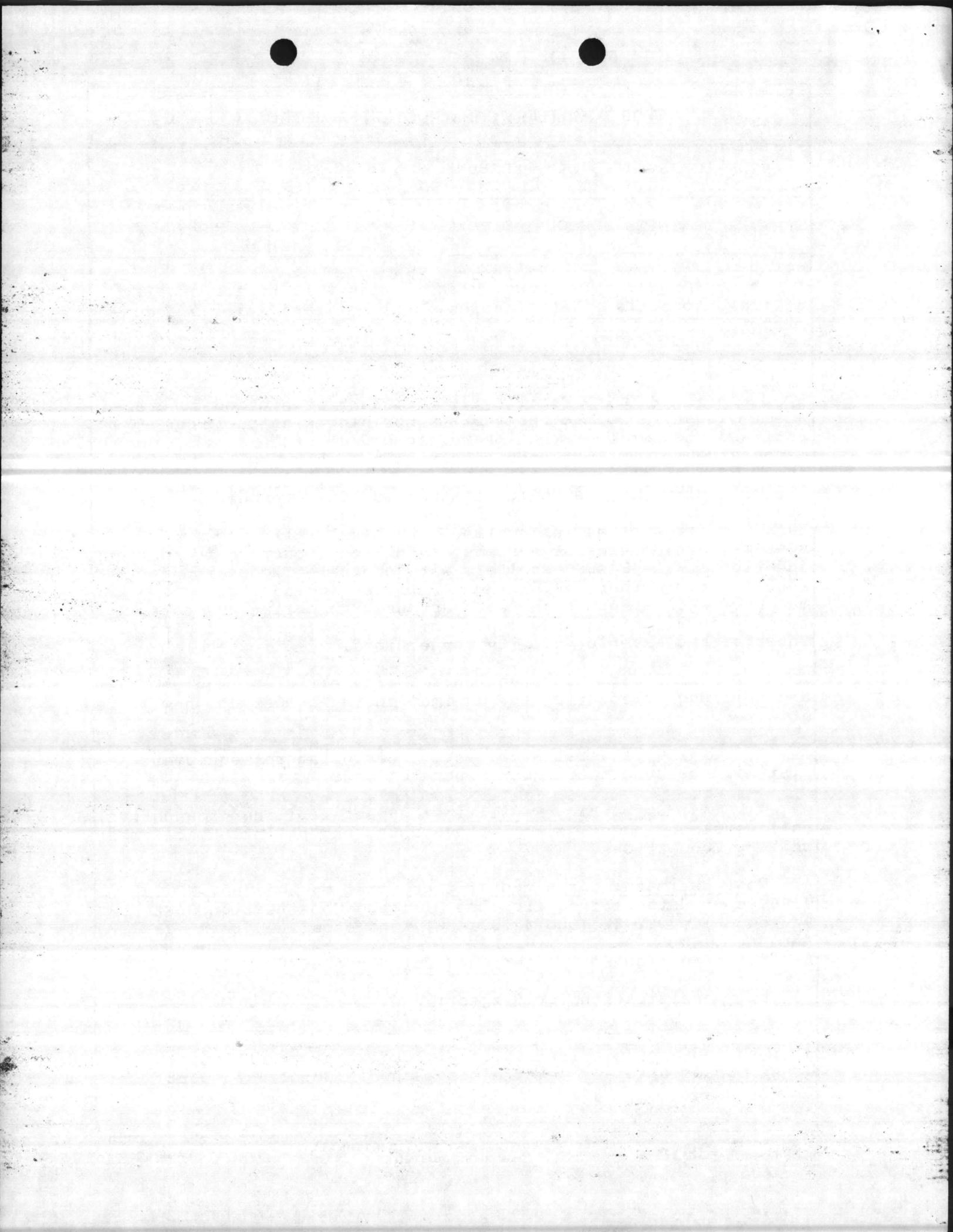
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<p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p> <ol style="list-style-type: none"> <li>1. <u>Pollution Prevention, Abatement and Control:</u> This project will not cause additional air or water pollution.</li> <li>2. <u>Flood Hazard Evaluation:</u> Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.</li> <li>3. <u>Environmental Impact:</u> The project Environmental Impact Assessment will be reviewed, and where required, the design concepts given consideration to eliminating adverse environmental effects consistent with applicable directives.</li> <li>4. <u>Fallout Shelter Construction:</u> Fallout shelter protection is not incorporated in this project.</li> <li>5. <u>Design for Accessibility of Physically Handicapped Personnel:</u> Provisions for physically handicapped personnel are not required in this project.</li> <li>6. <u>Use of Air conditioning:</u> Ceiling "U" factors will be made to conform with DOD 4270.1-11.</li> <li>7. <u>Preservation of Historical Sites and Structures:</u> This project does not directly or indirectly affect a district, site, building, structure, object, or setting which is listed in the National Register or otherwise possesses a significant quality of American History.</li> <li>8. <u>"New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76):</u> Not applicable.</li> </ol>		



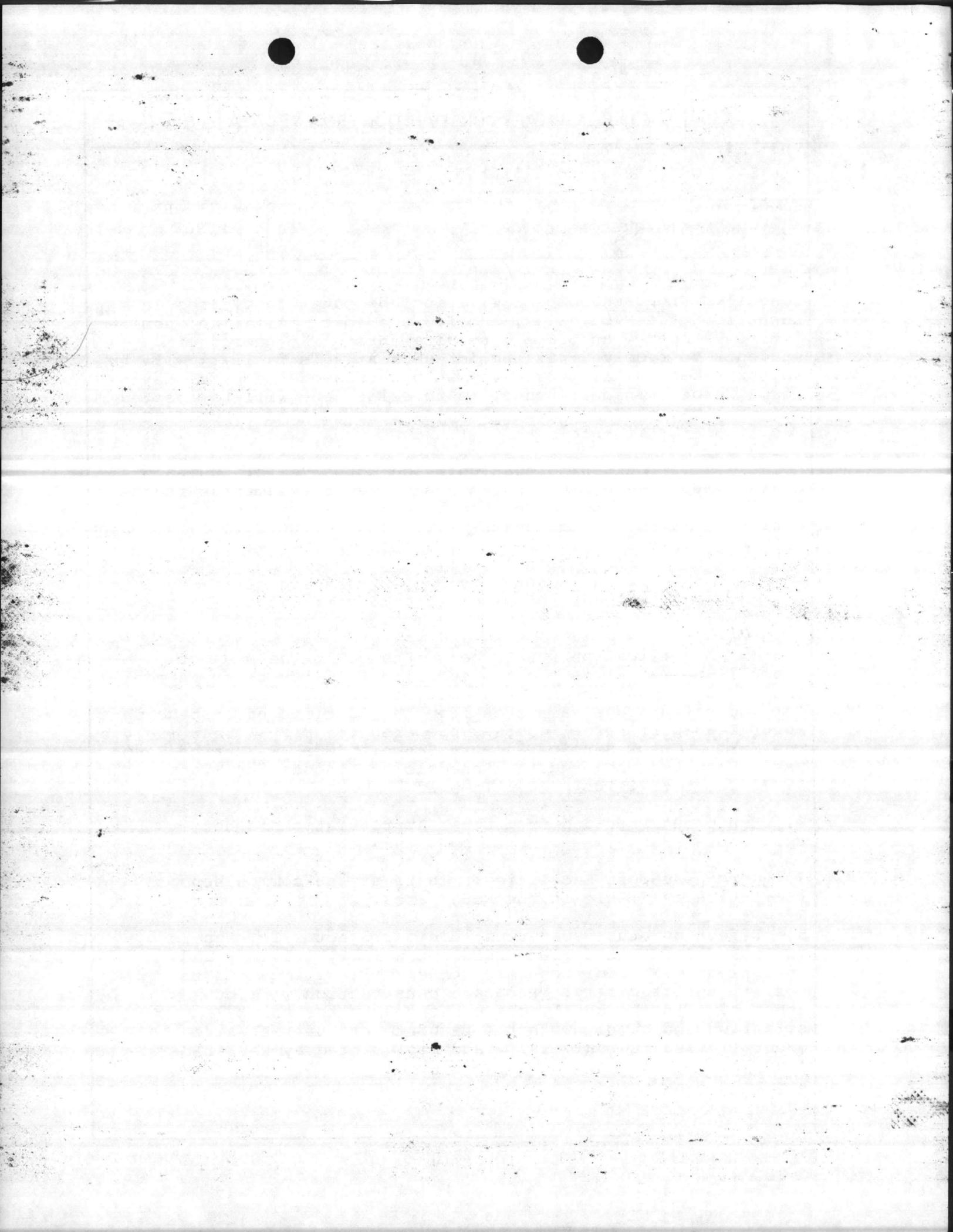
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<p style="text-align: center;"><u>FACILITY STUDY</u></p> <p>1. <u>Project:</u> Provide <sup>116,022</sup> <del>113,883</del> SF of Applied/Academic/Vehicle Maintenance Shopo Facilities for the East Coast Consolidated Driver Training School at Camp Johnson.</p> <p>2. <u>Current and Planned Future Workload with Regard to this Project:</u> The percentage of usage for this facility is 100% of the time, and the duration of need is indefinite. It can only be anticipated that the future workload will increase as the East Coast Consolidated Driver Training School is established.</p> <p>3. <u>Description of Proposed Construction:</u></p> <p>a. <u>Type of Construction:</u></p> <p>(1) Construct a permanent masonry academic instruction facility of reinforced concrete foundation and floors, structural steel framing, masonry walls, built-up roof and insulation, steel joist, and interior support systems (i.e.: HVAC system, communication and fire alarm systems, etc.)</p> <p>(2) Construct a vehicle maintenance shop with high bays of structural steel framing and reinforced concrete foundation and floors with masonry walls and built-up roof and insulation. Interior support systems (i.e.: HVAC, communication and fire alarm system, compressed air, central lube system, hydraulic vehicle lifts, overhead bridge crane, engine exhaust systems, etc.), storage for POL, hazardous and flammable storage.</p> <p>(3) Provide and erect four 70'x250' pre-engineered buildings for applied instruction to include reinforced concrete foundation and floors, structural steel framing, metal walls and roof systems with steel joist and engine exhaust systems.</p> <p>(4) Exterior support systems for the Driver Training Facility includes wash aprons with pollution control, 2-38'x68' shelters with concrete floors, fencing and lighting, pavement, site improvements, fording pit, interior and exterior utility connections, driver maneuver skills road test.</p>		



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<p>b. <u>Replacement</u>: Existing facilities will be temporarily utilized to satisfy deficiencies until new facilities are constructed.</p> <p>c. <u>Description of Work to be Done</u>:</p> <p>(1) <u>Primary Facility</u>: Permanent reinforced concrete/steel/masonry academic instruction building with built-up roof and insulation, HVAC. A reinforced concrete/steel/masonry vehicle maintenance shop with high bays built-up roof and insulation, engine exhaust systems, hydraulic vehicle lifts, central lube systems, compressed air, overhead bridge crane, HVAC. Provide and erect four pre-engineered buildings 70'x250' for applied instruction with metal walls and roof systems, engine exhaust systems, reinforced concrete foundation and floors. 2-38'x68" shelters with concrete floors and metal roof systems; other supporting facilities include, driver maneuver skills road test, wash aprons with pollution control, fencing and lighting, pavements, site improvements, fording pit, interior and exterior utility connections.</p> <p>(2) <u>Energy Conservation</u>: Energy efficient equipment and building orientation for maximum energy conservation will be utilized.</p> <p>(3) <u>Collateral Equipment</u>: The collateral equipment list will be submitted under separate cover.</p> <p>(4) <u>Supporting Facilities</u>: Special piling, foundation, collateral equipment, site improvements, and pollution abatement utility connections.</p> <p>4. <u>Cost Estimate</u>: Area cost factor for Camp Lejeune, NC is 0.86, cost data derived from the Military Construction Cost Review Guide, FY-84 (DOD 4270.1-CG), and escalated to FY-91. See ENCL.(1).</p> <p>5. <u>Justification for Project and for Scope of Project</u>:</p> <p>a. <u>Justification for Project</u>:</p> <p>(1) <u>Project</u>: Project is required to provide adequate applied and academic instructional facilities for the East Coast Consolidated Driver Training School (Motor Transport</p>		



1. COMPONENT NAVY	FY 19 <u>91</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 May 87
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE DRIVER TRAINING SCHOOL	5. PROJECT NUMBER P-807	
<p>School). Proposed complex will include total facilities in support of the MVOC; i.e., applied/academic facilities; administrative space, and supply requirements. The number of students to receive training per year at this facility will be approximately 3,334 persons. Two branches of the U. S. Marine Corps Motor Transport School is to exist, one will be located here at Marine Corps Base, Camp Lejeune and the other at Camp Pendleton, California.</p> <p>(2) <u>Current Situation:</u> The Motor Vehicle Operators Course (MVOC) is a new mission and no facilities exist in the Camp Johnson area that can be utilized in support of this mission. Existing inadequate facilities in the Camp Geiger area will be utilized until new construction is completed.</p> <p>(3) <u>Impact if not Provided:</u> Operation of the MVOC in inadequate facilities will result in impaired teaching capabilities.</p> <p>b. <sup>116,022</sup> <u>Justification for Scope of Project:</u> The project scope (<del>113,883</del> SF) is the minimum size facility that can meet the schedule of classes for the Motor Transport School needs. The indicated scope was taken from the "Outline of Instruction Motor Transport Formal Courses prepared for Fiscal Year 1987, by the Marine Corps Service Support Schools (MCSSS), Marine Corps Base, Camp Lejeune, and the Schedule of Classes for Fiscal Year 1987 (first revision). See Item 13.</p> <p>6. <u>Equipment Provided from other Appropriations:</u> Not applicable.</p> <p>7. <u>Common Support Facilities:</u> There are no common support facilities available in the MCSSS area.</p> <p>8. <u>Effect on other Resources:</u> This project will require increased O&amp;MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. Proposed construction will be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977, and implemented by NAVFACINST 4100.5A.</p>		



1. COMPONENT NAVY	FY 19 <sup>91</sup> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 May 87
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3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542
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4. PROJECT TITLE DRIVER TRAINING SCHOOL	5. PROJECT NUMBER P-807
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9. Siting of the Project: The project will be located in the Camp Johnson area of Camp Lejeune. See enclosure (2).

10. Other Graphic Presentations, including Photographs: See Facilities Planning Document as enclosure (3).

11. Economic Analysis: This facility is being constructed on an undeveloped site in the Camp Johnson area. Economic savings will be in nominal energy consumption realized from efficient operations. This is a military operational project in support of an operational mission located in this area.

12. Environmental Impact: An Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated.

13. Quantitative Data:  
Facilities Square Footage

I. Classroom Spaces:

a. General Academic (Cat Code 171-10) In accordance with NAVFAC P-80:

Classroom Space Requirement Computation

Course	Duration in days (DD)	Annual % (AF)	Pupils p/Class (S)	Annual Student Input (AI)	Student AOB*	NSF/SF Student (NSF)	Reqmt Net Area**
MVOC	34	29	50	1450	198	14	195
AOMC	15	38	40	1520	92	16	20
TTOC	24	7	30	210	21	22	21
VAC	26	3	30	90	10	22	21

5791.5  
2760.0  
661.5  
315.0  
9528.0

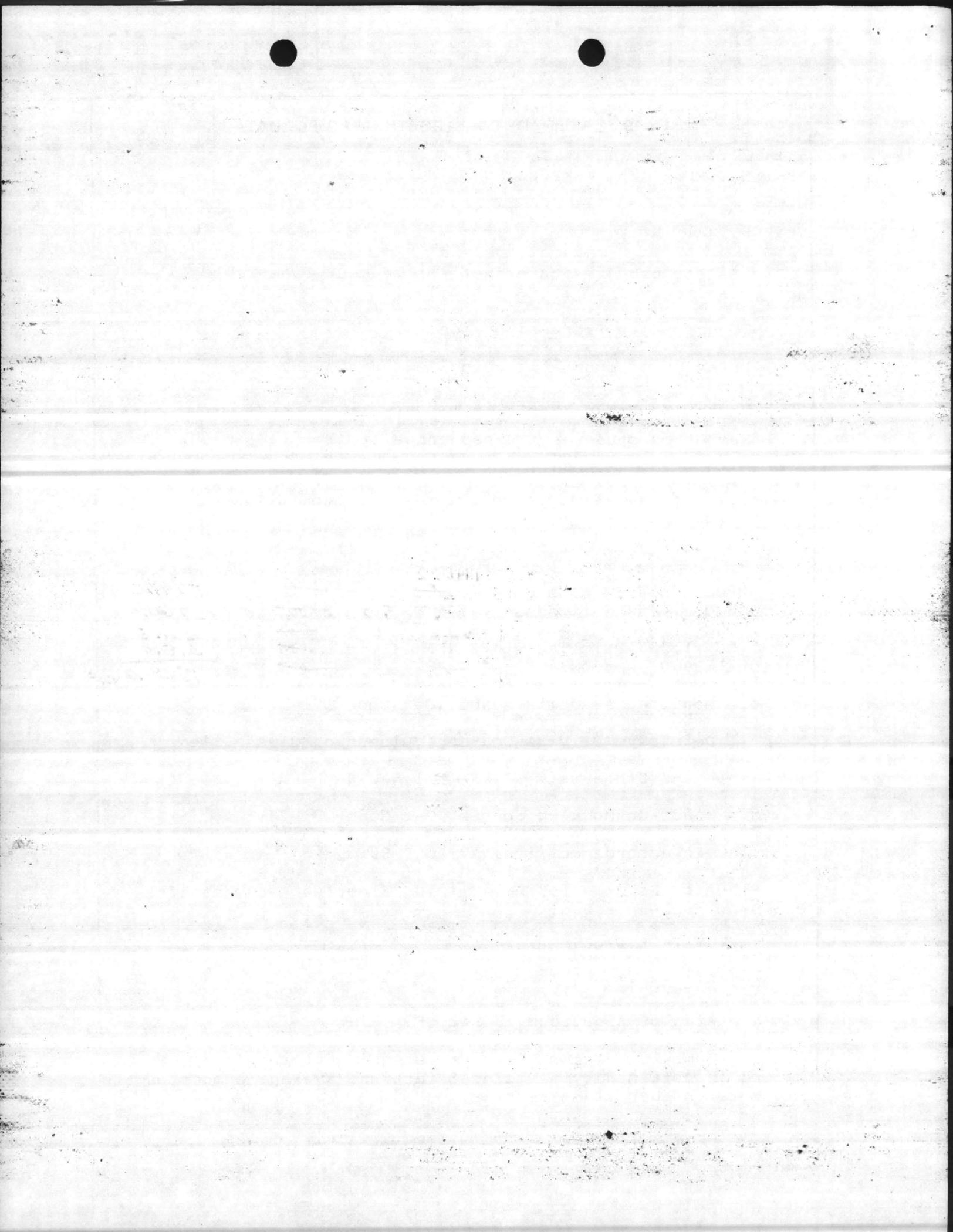
\*Student Avg on Bd (AOB) =  $\frac{\text{Duration (DD)} \times \text{Annual Input (AI)}}{250 \text{ (Classroom Days Per Year)}}$

\*\*Required NSF Area = AOB x NSF x 1.5  
Round all Fractions to the next highest whole number.  
School year = 250 class days.

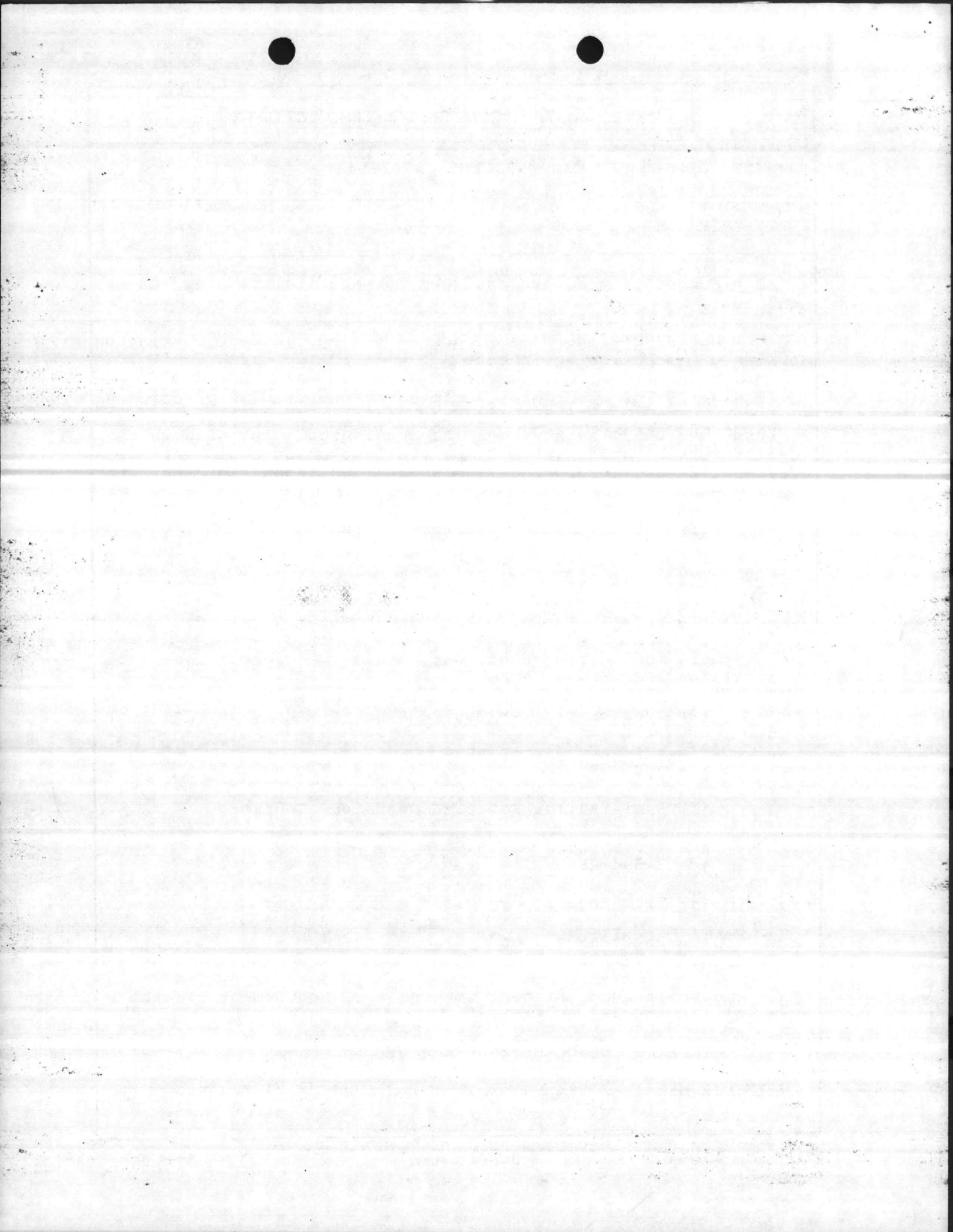
S/N 0102-LF-001-3915  
*From page 171-14, Table 171-10 based on Student/A.O.B.*



1. COMPONENT NAVY	FY 19 <sup>91</sup> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 1 May 87										
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542												
4. PROJECT TITLE DRIVER TRAINING SCHOOL	5. PROJECT NUMBER P-807											
<p>NSF = Select proper square feet per student from Table 171-A according to type of installation.</p> <p>CDP = Course Data Processing Code.</p> <p>DD = Duration of course in actual classroom days.</p> <p>AF = Number of times course is taught per year.</p> <p>AI = Number of students trained annually <math>AI = (AF) \times (S)</math></p> <p>1.5 = A utilization factor required to compensate for the inability to completely schedule classes and fully use class-room capacity.</p> <p><u>Number of Classrooms Required:</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">MVOC 4; 50 PN classes @ <del>1039.5</del> <sup>1447.87</sup> NSF = <del>4,158</del> NSF</td> <td style="width: 10%; text-align: right;">5791.5</td> </tr> <tr> <td>AOMC 3; 40 PN classes @ <del>739</del> NSF <del>2,208</del> = 2,760.0 NSF</td> <td style="text-align: right;">2760.0</td> </tr> <tr> <td>TTOC 1; 30 PN class @ 693 NSF <del>693</del> = 661.5 NSF</td> <td style="text-align: right;">661.5</td> </tr> <tr> <td>VRC 1; 30 PN class @ 330 NSF <del>330</del> = 315.0 NSF</td> <td style="text-align: right;">315.0</td> </tr> <tr> <td><b>Total: 9 Classrooms</b></td> <td style="text-align: right;"><b><u>9528.0 NSF</u></b></td> </tr> </table> <p>b. <u>Modified Academic space (Cat Code 171-10):</u>  Defensive Drivers Course &amp; Licensing Class  50 Students @ 30 NSF <del>(=)</del> 1,500 NSF</p> <p>c. <u>Hands-On Mock Up Spaces (Cat Code 171-20):</u>  In accordance with NAVFAC P-80:</p> <p>Planning Formula for Determining Floor Requirements for Hands-on Mock-up space.</p> <p>Formula: <math>A = B (CD + E)</math></p> <p>Definitions:</p> <p>A = Area of classroom in net SF.</p> <p>B = Number of items of practice equipment required. This figure is obtained by dividing C into the average number of students in each class session.</p>			MVOC 4; 50 PN classes @ <del>1039.5</del> <sup>1447.87</sup> NSF = <del>4,158</del> NSF	5791.5	AOMC 3; 40 PN classes @ <del>739</del> NSF <del>2,208</del> = 2,760.0 NSF	2760.0	TTOC 1; 30 PN class @ 693 NSF <del>693</del> = 661.5 NSF	661.5	VRC 1; 30 PN class @ 330 NSF <del>330</del> = 315.0 NSF	315.0	<b>Total: 9 Classrooms</b>	<b><u>9528.0 NSF</u></b>
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4. PROJECT TITLE DRIVER TRAINING SCHOOL	5. PROJECT NUMBER P-807	
<p>C = Number of students assigned to each item of practice equipment.</p> <p>D = Net SF of floor area required for one student working on an item of practice equipment.</p> <p>E = Net SF of floor area occupied by one item of practice equipment. Includes clearances and aisles. Human engineering factors, including safety, must be considered. In cases where student working areas (Item D) partially overlap equipment clearance areas, insure that the space requirements are not duplicated.</p> <p>(1) Motor Vehicle Operators Course:</p> <p>A = 25 [(2 x 0) + *700]  A = 17,500 NSF Typical for 1 class.</p> <p>17,500 x 4 classes = 70,000 NSF Total Required.</p> <p>*This figure includes student working area, equipment clearance area, aisles and safety factor.</p> <p>(2) Tractor Trailer Course &amp; Vehicle Recovery Course:</p> <p>A = 1 [(30x0)] + *2,584  A = 2,584 NSF</p> <p>(3) Semi-Trailer Refueler Operators Course:</p> <p>A = 1 [(30x0) + *2,584]  A = 2,584 NSF</p> <p>(4) Tire Repair Shop/Class</p> <p>A = 25 [(2x20) + 35]  A = 1,875 NSF</p> <p>*This figure includes student working area, equipment clearance area, aisles and safety factor.</p> <p>Total Hands-On Mock-Up space:</p> <p>70,000 NSF + (2,584 NSF x 2) + 1,875 NSF = 77,043 NSF</p>		



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4. PROJECT TITLE DRIVER TRAINING SCHOOL	5. PROJECT NUMBER P-807	

II. Support Spaces:

a. Instructor's Work Space

12 Instructors @ 60 NSF = 720 NSF

b. Instructors Lounge:

450 NSF Fixed Allowance

c. Student Break Area:

Maximum number of students to break at a given time = 100 PN.  
100 PN x 6 NSF = 600 NSF

d. Library:

(1) Reading Area

12 PN (Instructors @ 25 NSF) = 300 NSF

(2) Stack Area

(700 Volumes ÷ 100) x 6.6 NSF = 46 NSF

(3) Film/Video Tape Storage

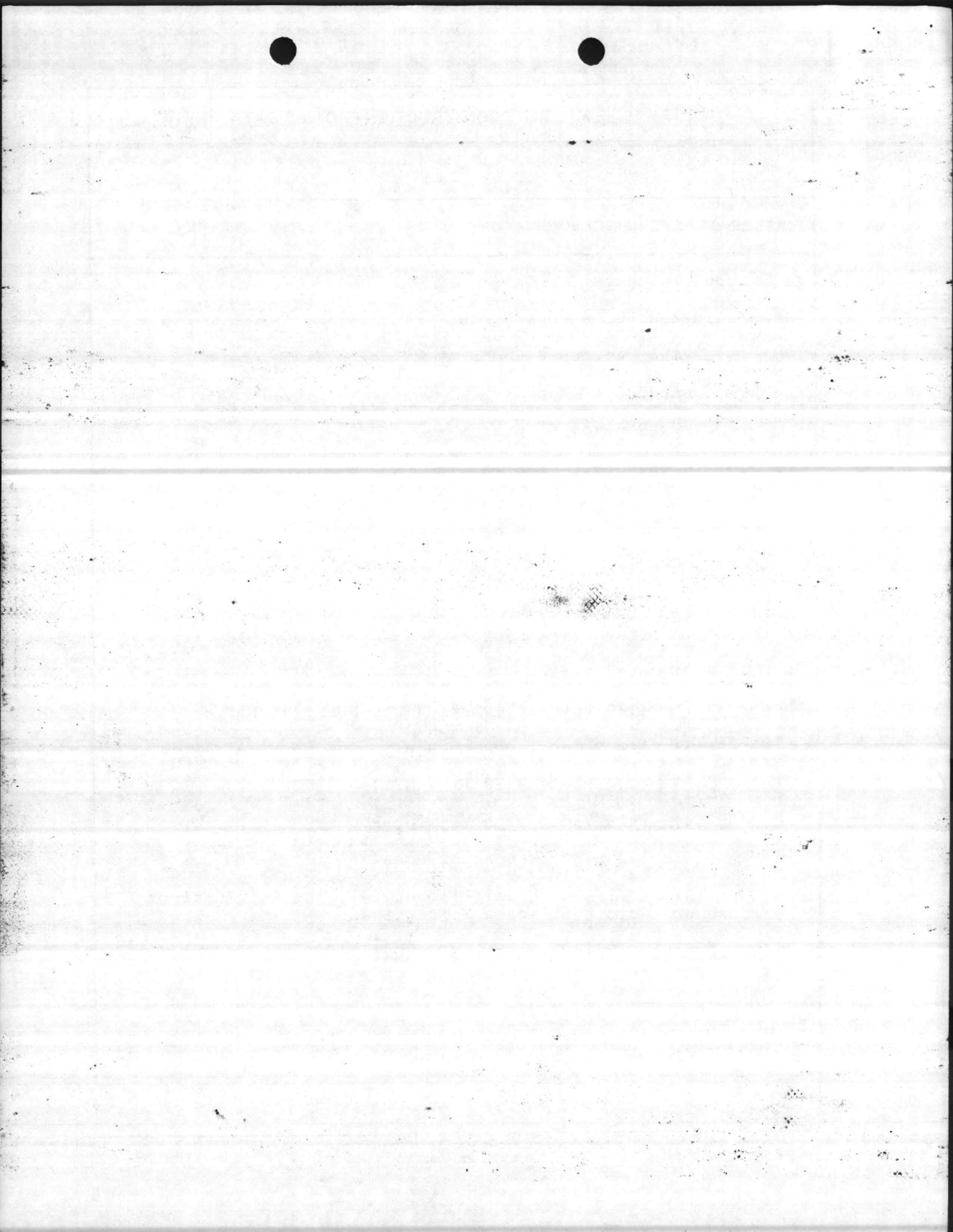
(100 reels ÷ 50) x 9 NSF = 18 NSF

(4) Film/Video Tape Viewing Room

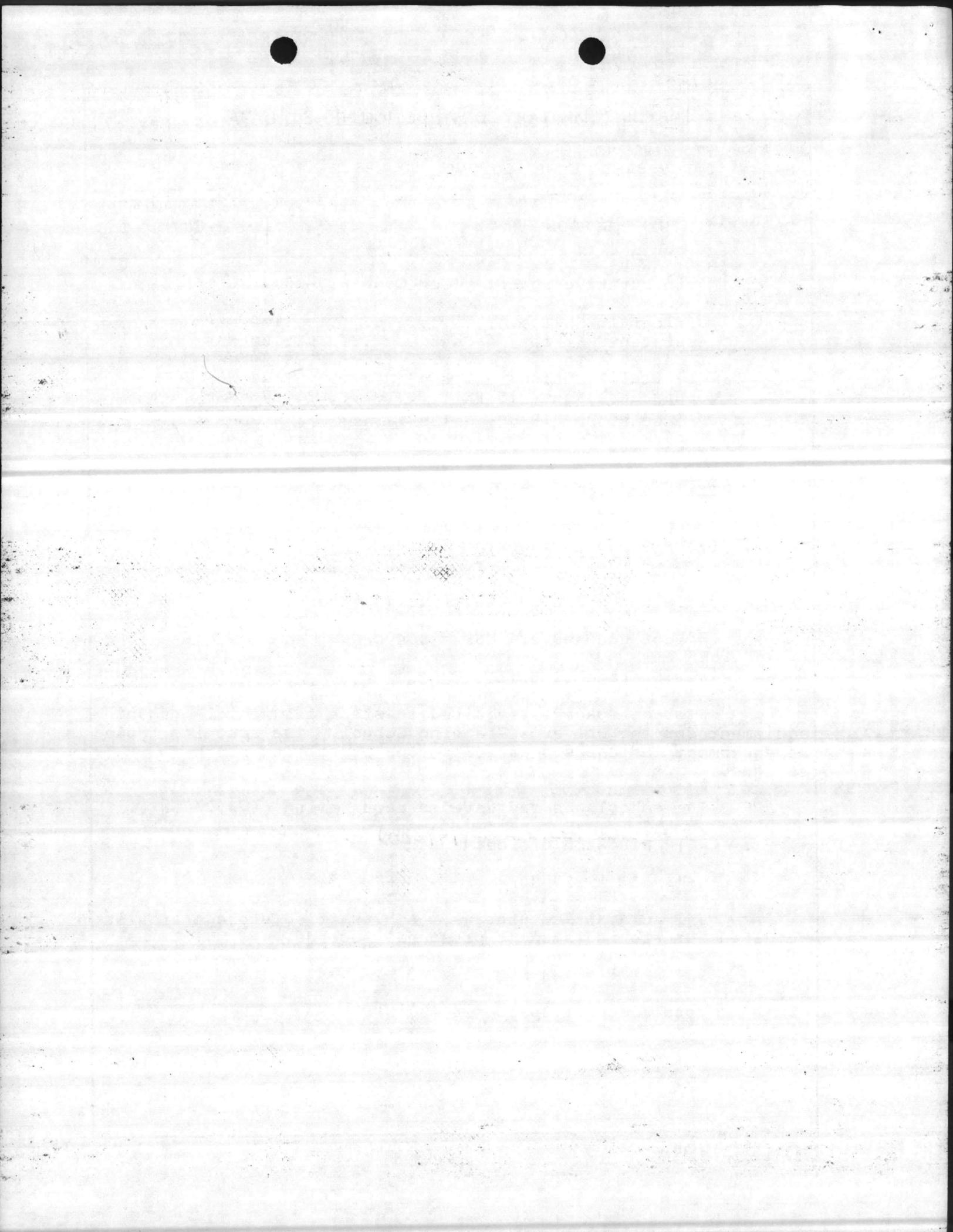
100 NSF fixed allowances

(5) Staff Area: This library will be for Instructor's therefore no additional space is required.

Total Library space: 464 NSF



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<p>e. Administrative Space: (Cat Code 610-10):</p> <table border="0"> <tr><td>Officer in Charge.....</td><td>100</td><td>NSF</td></tr> <tr><td>Assistant Officer in Charge.....</td><td>100</td><td>NSF</td></tr> <tr><td>License Officer.....</td><td>100</td><td>NSF</td></tr> <tr><td>Clerical Positions = 2 @ 60 NSF.....</td><td>120</td><td>NSF</td></tr> <tr><td>Conference Room (15 PN).....</td><td>375</td><td>NSF</td></tr> <tr><td>File Area = 25 Legal @ 7 NSF.....</td><td>175</td><td>NSF</td></tr> <tr><td> Total Administrative Space.....</td><td> 970</td><td> NSF</td></tr> </table> <p>f. Training Aid Storage: 380 Students x 1.5 NSF .....570 NSF</p> <p>g. Other Support Spaces:</p> <p>(1) Tool Rooms: One tool room required to support each Motor Vehicle Operators Course Class (4 total).</p> <p>4 Tool Rooms @ 216 NSF = 864 NSF</p> <p>(2) Storage (OVE):</p> <p>Storage space is required to store all vehicle organic equipment for the Driver's Training School. The School's table of equipment indicates over 400 pieces of rolling stock assigned.</p> <p>The school has indicated a requirement of 3,200 NSF.</p> <p>(3) Dispatch Office: (171-20)</p> <p>15'x 15' = 225 NSF</p> <p>(4) Classified Storage: A classified storage area is required for storing student personnel records.</p> <p>12' x 12' = 144 NSF</p> <p>Total Support Space = 4,433 NSF</p>			Officer in Charge.....	100	NSF	Assistant Officer in Charge.....	100	NSF	License Officer.....	100	NSF	Clerical Positions = 2 @ 60 NSF.....	120	NSF	Conference Room (15 PN).....	375	NSF	File Area = 25 Legal @ 7 NSF.....	175	NSF	 Total Administrative Space.....	 970	 NSF
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4. PROJECT TITLE DRIVER TRAINING SCHOOL		5. PROJECT NUMBER P-807

III. Circulation and Service Areas:

- (1) Classroom Space: 9528
- a. General Academic.....~~7,390~~ NSF
  - b. Modified Academic.....1,500 NSF
  - c. Hands-On Mockup.....\*77,043 NSF
- Total Class Space: ~~85,932~~ NSF  
95,460

- (2) Support Spaces:
- a. Instructor's Work Space.....720 NSF
  - b. Instructor's Lounge.....450 NSF
  - c. Student Break Area.....600 NSF
  - d. Library.....464 NSF
  - e. Administrative Space.....970 NSF
  - f. Training Aid Storage.....570 NSF
  - g. Other Support Spaces.....4,433 NSF

TOTAL SUPPORT SPACES.....8,207 NSF

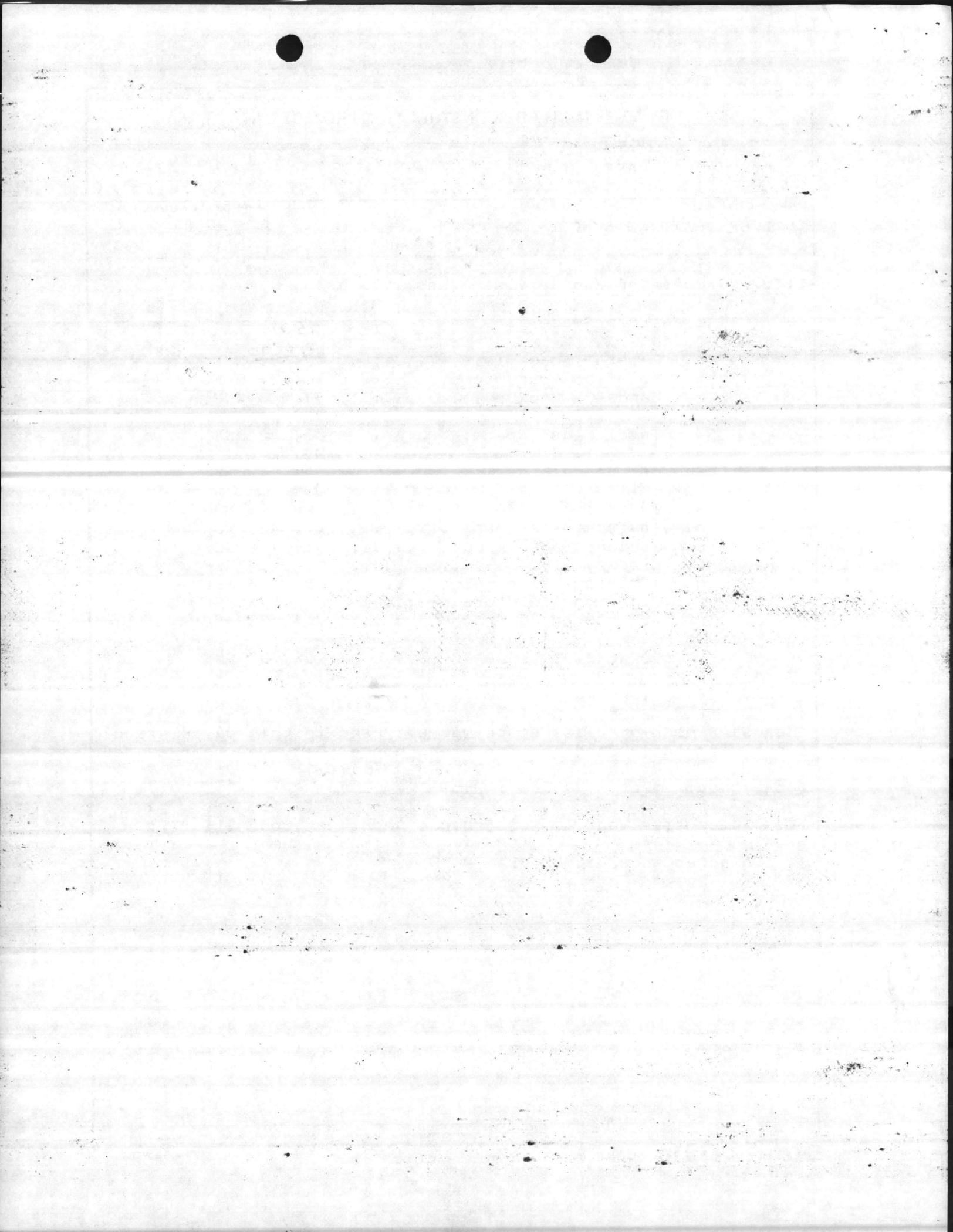
<sup>9,528</sup>  
~~(7,389~~ NSF + 1,500 NSF + 8,207 NSF) 1.33 = <sup>25,583</sup>~~22,738~~ SF

\*Hands-On Mock-up class space was not used in this calculation since circulation and service areas had already been considered.

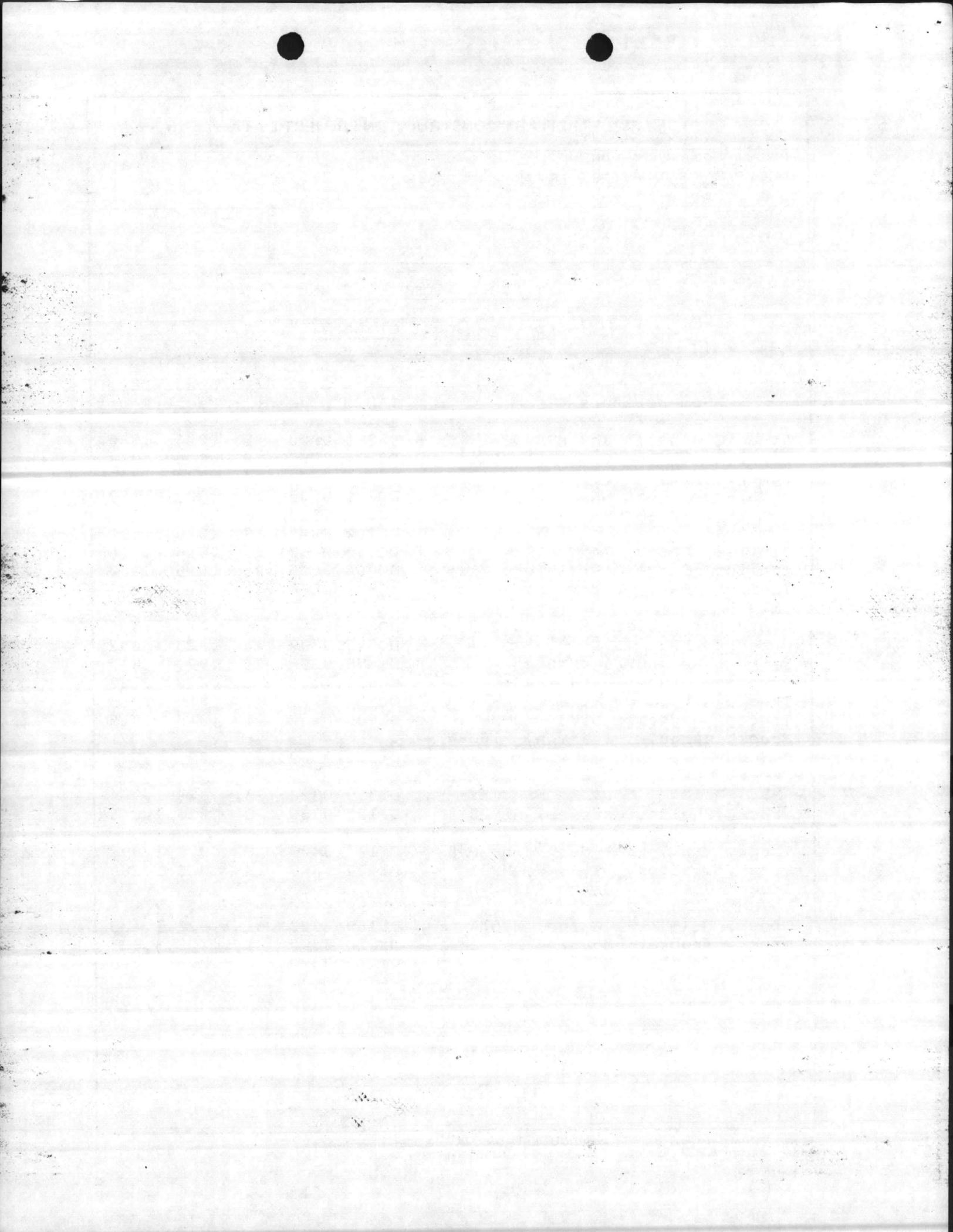
Total Requirement: <sup>25,583</sup> 77,043 + <sup>102,626</sup>~~22,738~~ = ~~99,781~~ SF

IV. Automotive Vehicle Maintenance Shop (Cat Code 214-20):

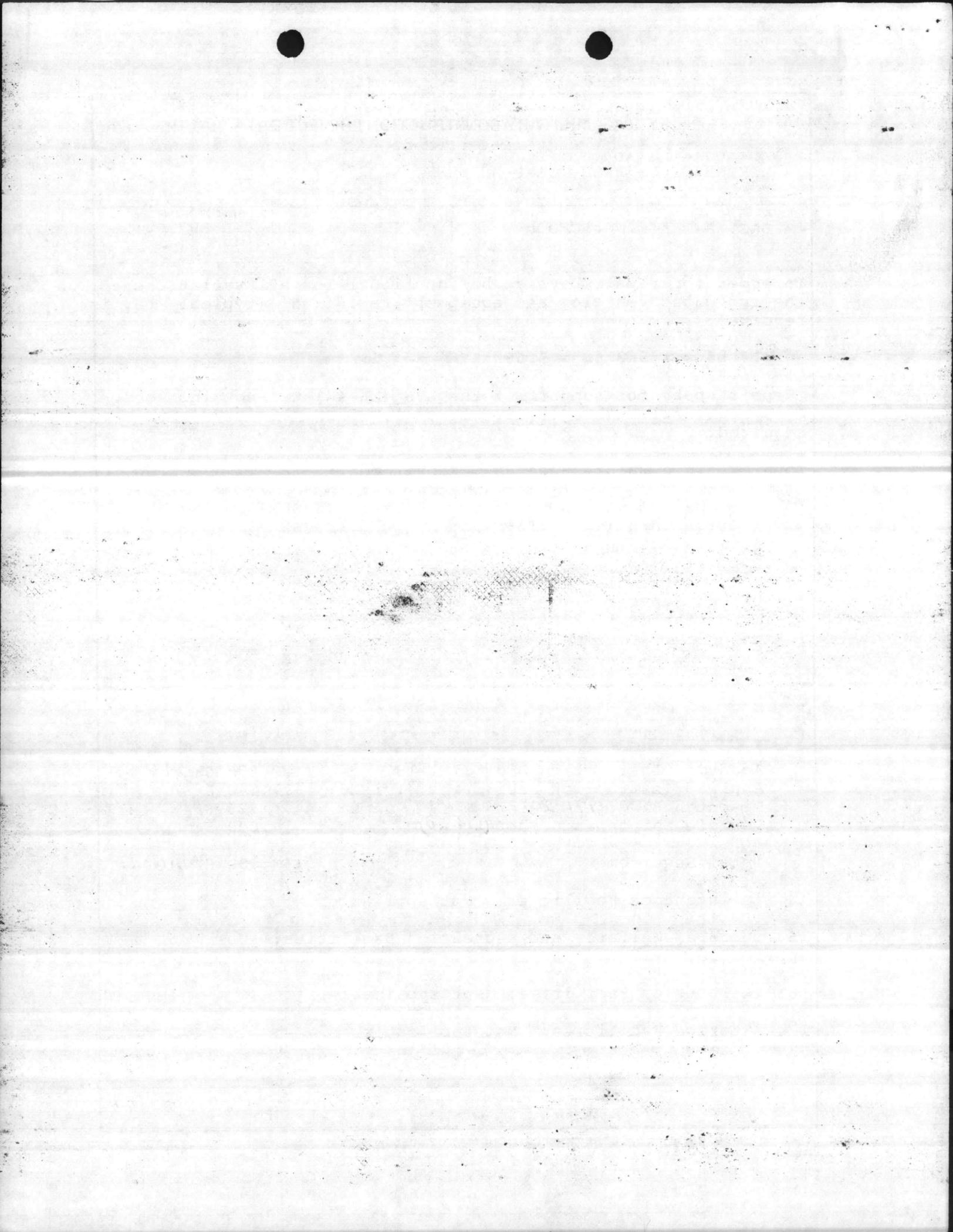
In accordance with NAVFAC P-80:



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<u>Nomenclature</u>	<u>TAMCN</u>	<u>Eqpt Cost</u>	<u>T/E Allow</u>	<u>Prod. Rpr Space Bay Factor</u>	<u>Reqmt</u>																																																																																																																																																											
Steam Cleaner, TRLR MTR4D	D0090	0800	5	.016	.080																																																																																																																																																											
Lubrication and Servicing Unit	D0910	0800	3	.016	.048																																																																																																																																																											
Semitrailer, Refueler M970	D0215	0300	4	.023	.092																																																																																																																																																											
*LVS Front Unit MK48	D0209	0300	20	.023	.460*																																																																																																																																																											
Semitrailer XML000	D0225	0800	1	.016	.016																																																																																																																																																											
Semitrailer, Stake M127	D0260	0800	12	.016	.192																																																																																																																																																											
Trailer, Cargo 1/4 Ton, M416	D0480	0800	26	.016	.416																																																																																																																																																											
Trailer, Cargo, 1-1/2 Ton, M105	D0860	0800	25	.016	.400																																																																																																																																																											
Trailer, Tank, Water 1-1/2 Ton M149	D0880	0800	2	.016	.032																																																																																																																																																											
Container Hauler, MK14 (LVS)	D0876	0800	6	.016	.096																																																																																																																																																											
Wrecker, MK15 (LVS)	D0877	0300	4	.023	.092																																																																																																																																																											
Fifth Wheel, MK16 (LVS)	D0878	0300	4	.023	.092																																																																																																																																																											
Dropside Crane, MK17 (LVS)	D0879	1100	6	.020	.120																																																																																																																																																											
Truck, Ambulance M718	D0890	0102	1	.015	.015																																																																																																																																																											
Truck, Ambulance M1035 (HMMWV)	D100Z	0102	1	.015	.015																																																																																																																																																											
Truck, cargo, 1 1/4 Ton, M10087 (CUCV)	D1016	0300	23	.023	.529																																																																																																																																																											
Truck, Cargo, 5T, 6x6, M923/M925/M813/M810	D1059	0300	128	.023	2.944																																																																																																																																																											
Truck, Shelter Carrier, M1028 (HMMWV)	D1105	0300	2	.023	.046																																																																																																																																																											
Truck, Tank, Fuel Servicing M49	D110	0300	4	.023	.092																																																																																																																																																											
Truck, Tractor, 5T, 6x6, M931	D1134	0300	14	.023	.280																																																																																																																																																											
Truck, Utility, Cargo M998 (HMMWV)	D1158	0300	92	.023	2.116																																																																																																																																																											
Truck, Utility, Cargo, M151	D1160	0300	61	.023	1.403																																																																																																																																																											
Truck, Wrecker, M543	D121D	0300	1	.023	.023																																																																																																																																																											
Truck, Wrecker, M936	D1212	0300	2	.023	.046																																																																																																																																																											
			447		9,188																																																																																																																																																											
Total number of Repair Bays (rounded) = 10																																																																																																																																																																



1. COMPONENT NAVY	FY 19 <sup>91</sup> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 May 87																				
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542																						
4. PROJECT TITLE DRIVER TRAINING SCHOOL	5. PROJECT NUMBER P-807																					
<p>In order for repair bays to be functional for all variations of the indicated vehicles and equipment, a 16'x35' (typical) bay is required.</p> <p>10 bays x 560 SF = 5,600 SF</p> <p>*Repair space for support of the LVS (MK-48) was not included. A separate drive-thru repair bay of 1,120 SF (16' x 70') is required.</p> <p>Total Vehicle Maintenance Shop Requirement:</p> <table> <tr> <td>10 Repair Bays (16' x 35')</td> <td>= 5,600 SF</td> </tr> <tr> <td>1 Drive Thru (LVS) (16'x70')</td> <td>= 1,120 SF</td> </tr> <tr> <td>Administrative and Indirect Support (From table 214-20D for 10 bays)</td> <td>= 3,100 SF</td> </tr> <tr> <td>Direct Support (From table 214-20D for 10 bays)</td> <td>= 4,270 SF</td> </tr> <tr> <td></td> <td>14,090 SF</td> </tr> </table> <p><u>Summary:</u></p> <p><u>Facilities:</u></p> <table> <tr> <td>Academic Instruction Bldg (171-10)</td> <td><del>22,525</del> SF 24,669</td> </tr> <tr> <td>Applied Instruction Facilities (171-20)</td> <td>77,043 SF</td> </tr> <tr> <td>Dispatch Bldg. (171-20)</td> <td>225 SF</td> </tr> <tr> <td>Vehicle Maintenance Shop (214-20)</td> <td>14,090 SF</td> </tr> <tr> <td>Total Requirement</td> <td><del>113,883</del> SF 116,022</td> </tr> </table> <p>14. <u>Maintenance Facilities:</u> Not applicable.</p> <p>15. <u>Morale, Welfare, and Recreation Facilities:</u> Not applicable.</p> <p>16. <u>Relocation Facilities:</u> Not applicable.</p> <p>17. <u>Storage Facilities:</u> Not applicable.</p>			10 Repair Bays (16' x 35')	= 5,600 SF	1 Drive Thru (LVS) (16'x70')	= 1,120 SF	Administrative and Indirect Support (From table 214-20D for 10 bays)	= 3,100 SF	Direct Support (From table 214-20D for 10 bays)	= 4,270 SF		14,090 SF	Academic Instruction Bldg (171-10)	<del>22,525</del> SF 24,669	Applied Instruction Facilities (171-20)	77,043 SF	Dispatch Bldg. (171-20)	225 SF	Vehicle Maintenance Shop (214-20)	14,090 SF	Total Requirement	<del>113,883</del> SF 116,022
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Total Requirement	<del>113,883</del> SF 116,022																					





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

IN REPLY REFER TO

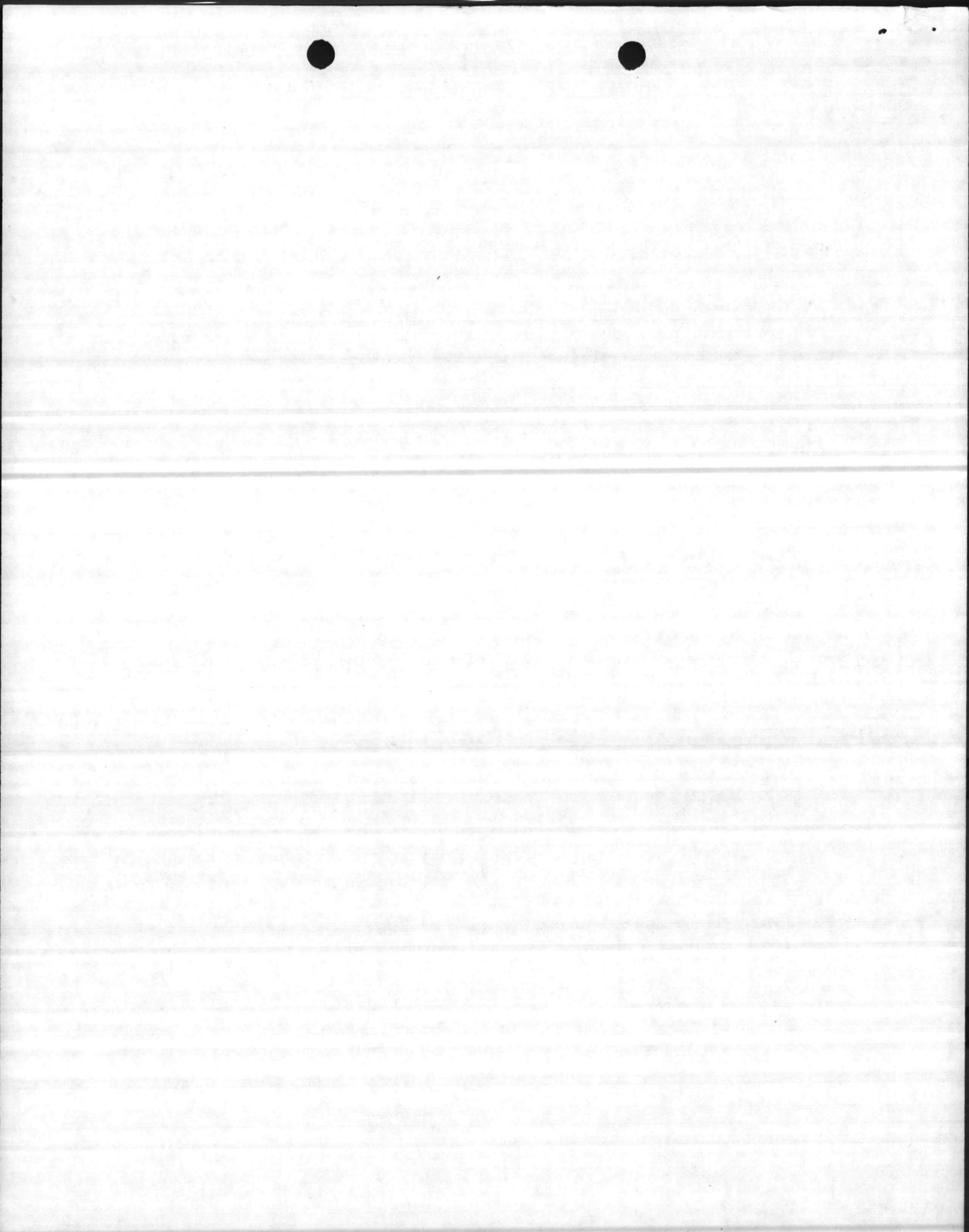
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10 AUG 1981

- 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.



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).

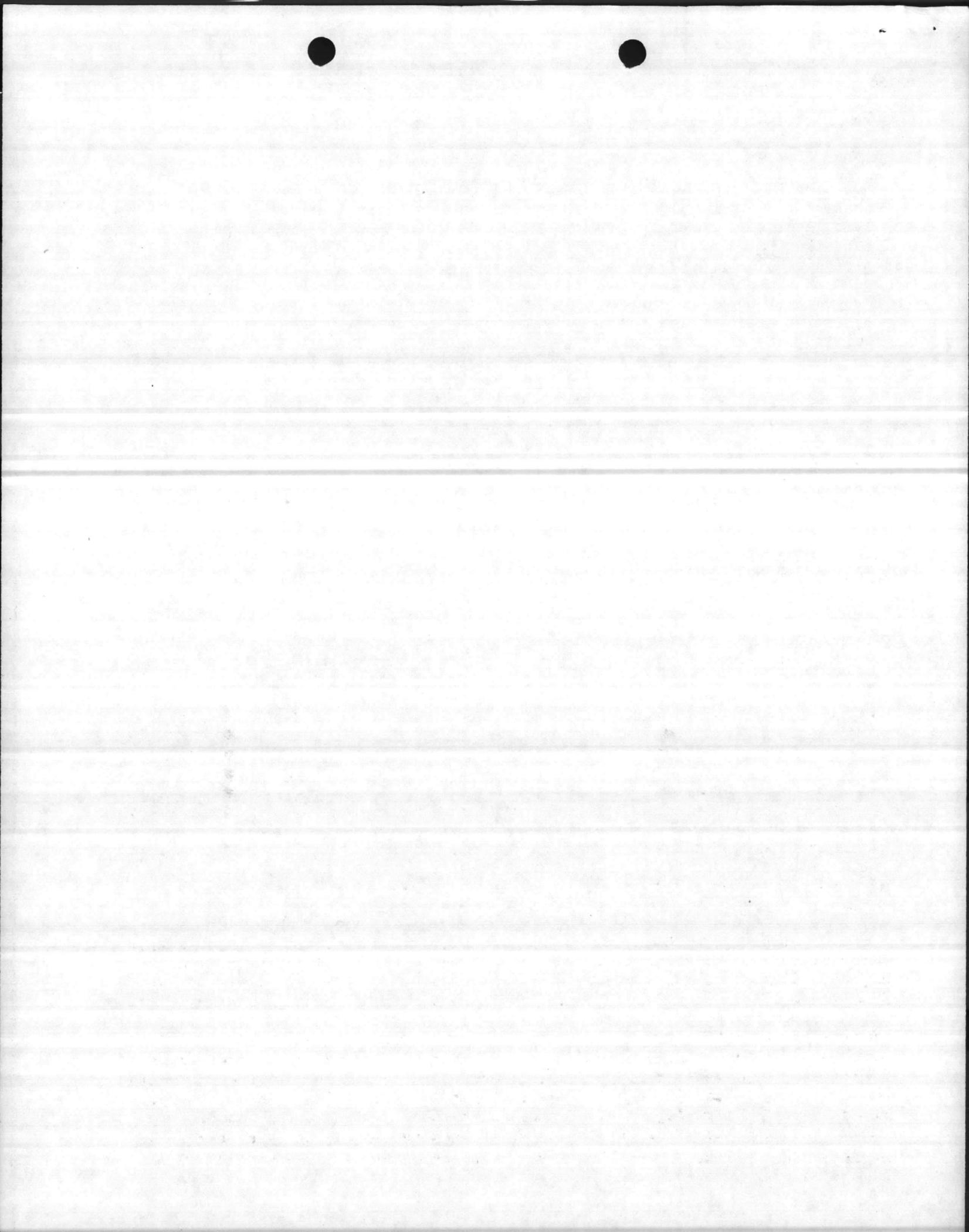
C. G. COOPER

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LANTNAVFACENCOM (Code 09A21E)  
CG, 2d MarDiv, FMF  
CG, 2d FSSG, FMFLant  
CO, MCSSS

Blind copy to:  
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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

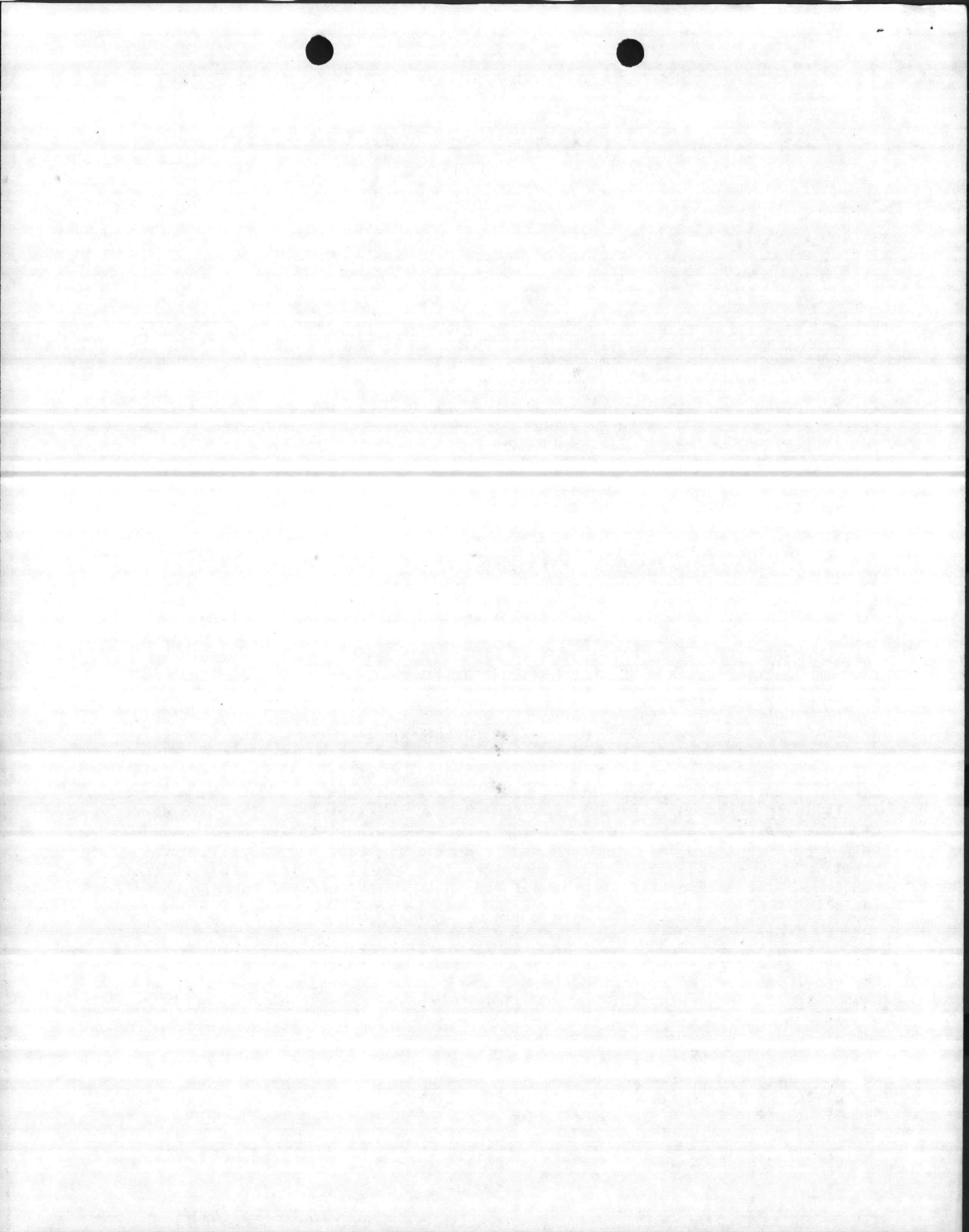
1. The first year (FY-84) of the Five-Year Program is laden with new or urgent requirements for utility support, new initiatives, or new missions. They are:

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 diminishing 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.

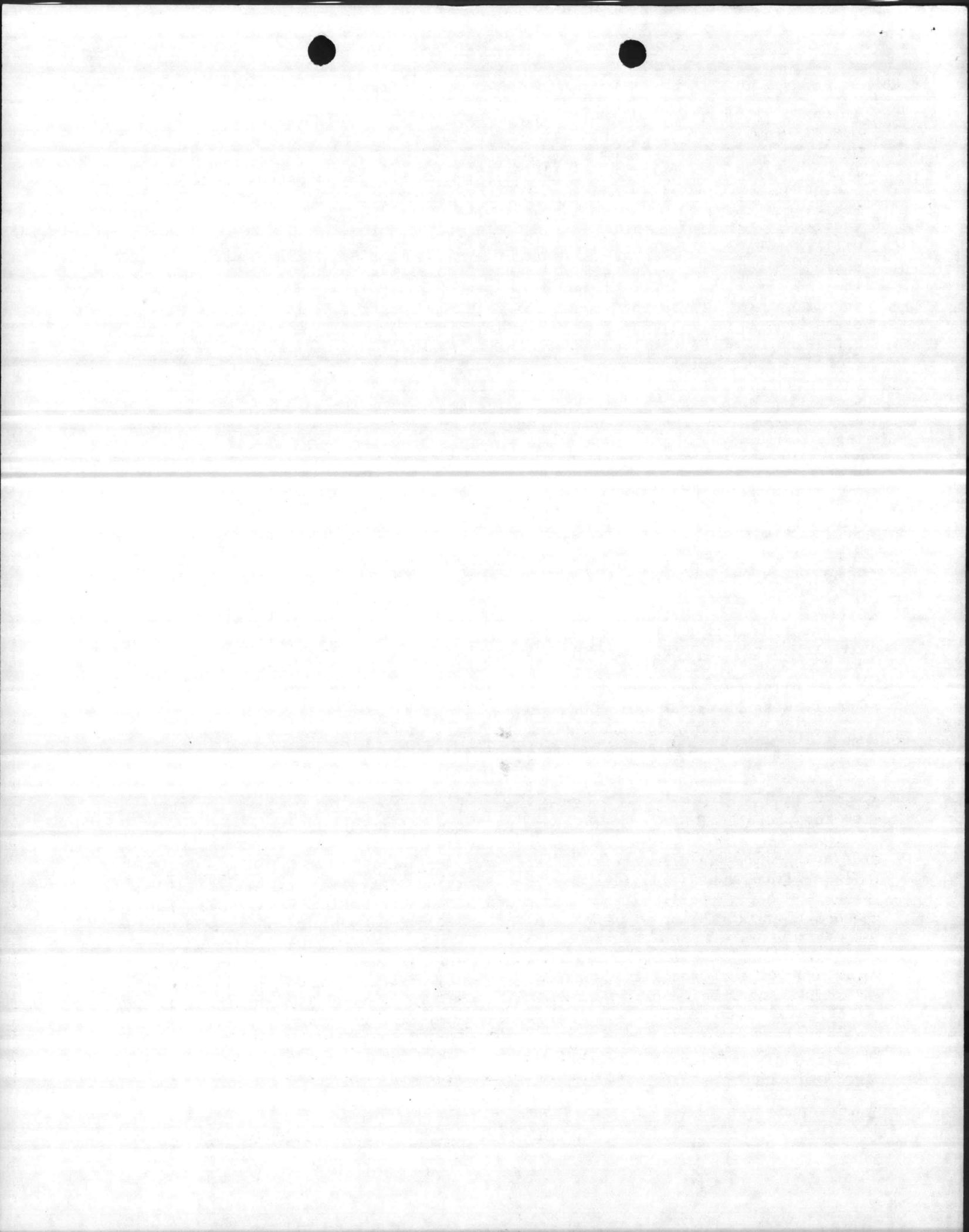
3. A collateral equipment list for portable items (nonconstruction) for P-802, Convert Hospital to Division Headquarters, and P-808, OF 35 Mechanics School, will be provided by separate correspondence. Build-in items that involve construction cost estimates are shown in all projects.

#### 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 original 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.

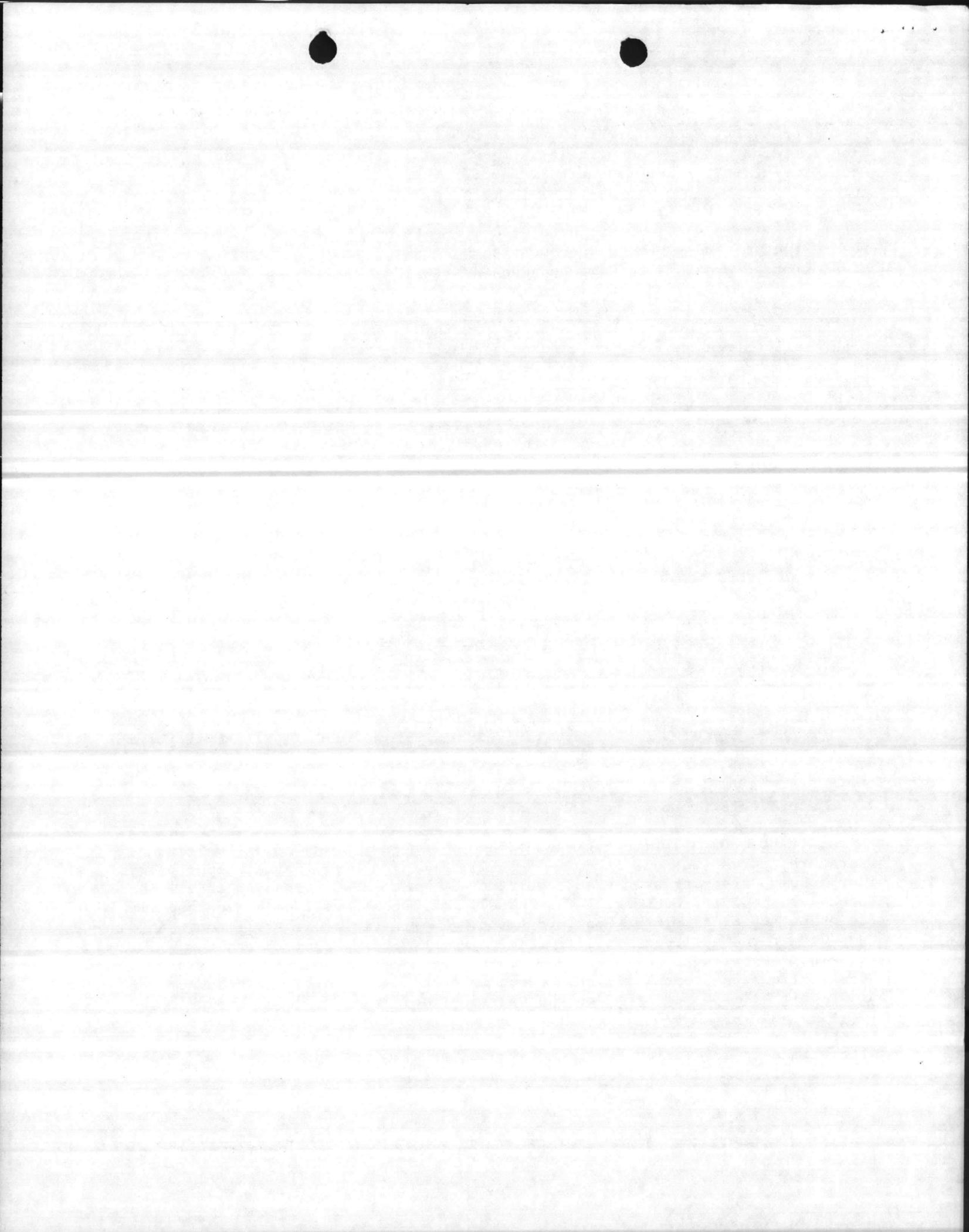
2. The remaining projects are in consonance with previously reviewed programs.

#### 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.

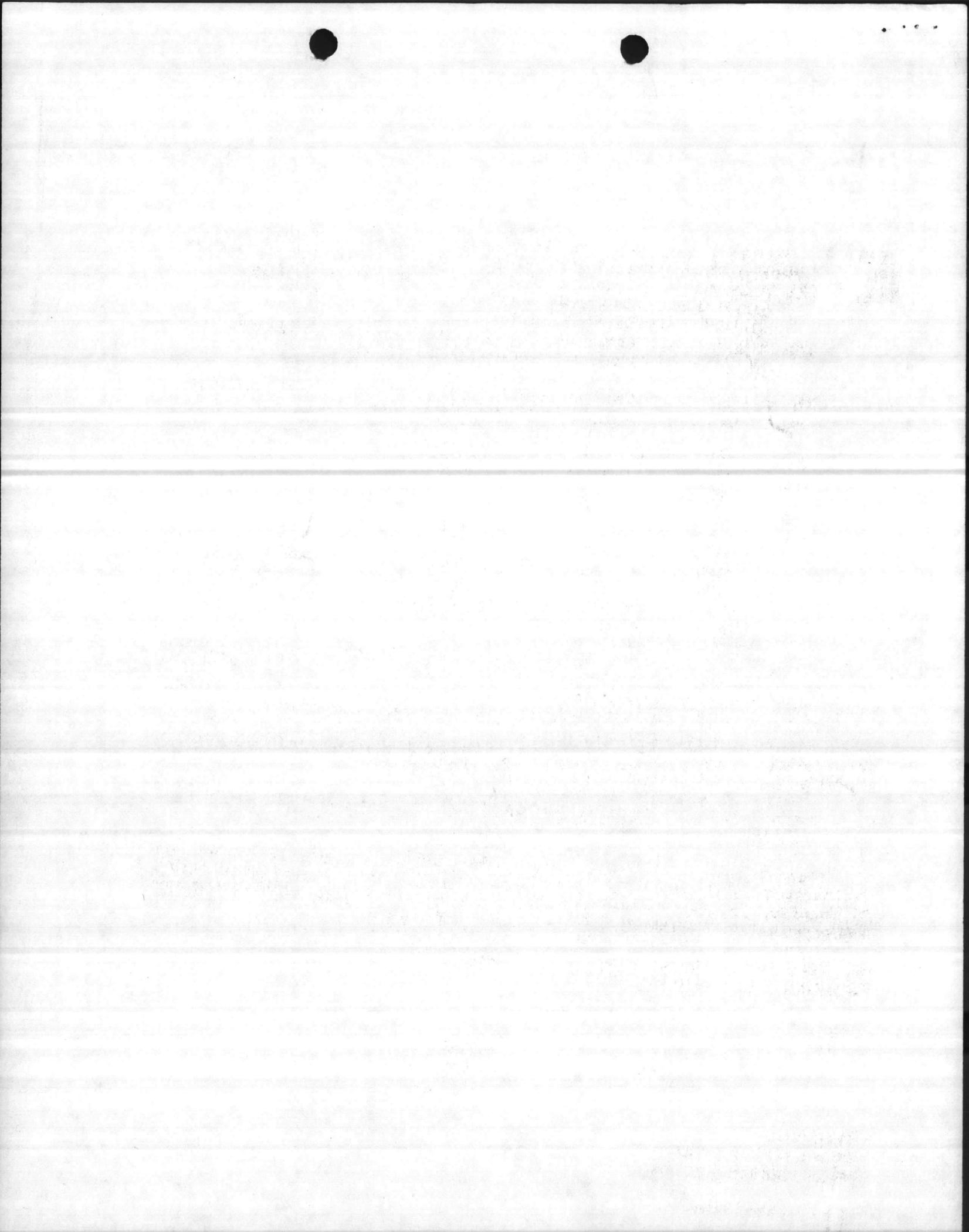
FY-88

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.

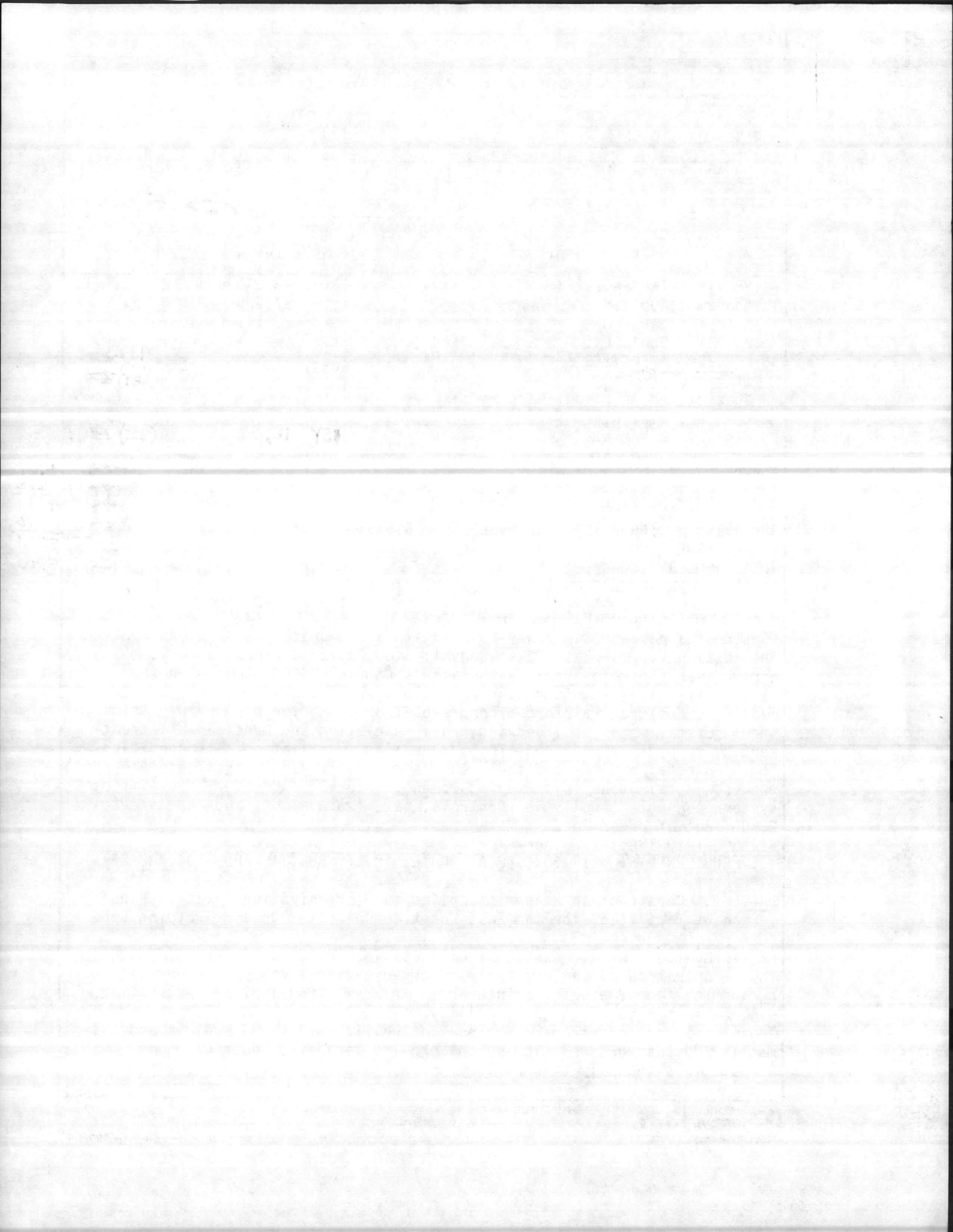
2. The remaining projects proposed for FY-88 are in consonance with previously reviewed programs.

Enclosure (1)

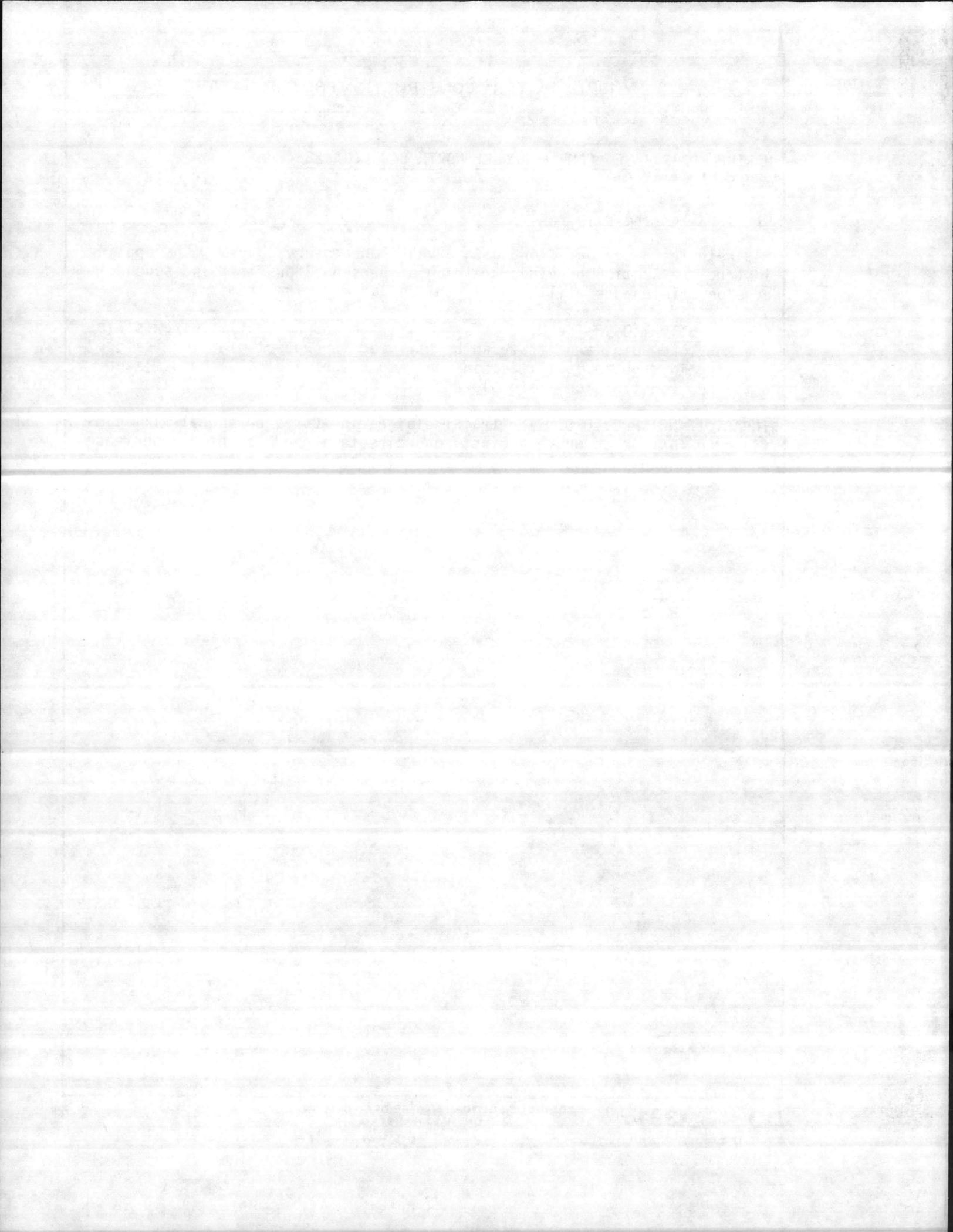


1. COMPONENT <b>MARINE CORPS</b>		FY 19 <u>91</u> <b>MILITARY CONSTRUCTION PROJECT DATA</b>				2. DATE
3. INSTALLATION AND LOCATION <b>MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542</b>			4. PROJECT TITLE <b>OF-35 DRIVER TRAINING FACILITY</b>			
5. PROGRAM ELEMENT	6. CATEGORY CODE <b>171-10</b>	7. PROJECT NUMBER <b>P-807</b>	8. PROJECT COST (\$000) <del>5,900</del> <b>5,300</b>			
<b>9. COST ESTIMATES</b>						
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)		
DRIVER TRAINING FACILITY	SF	43,640	86.82	3,789		
Academic/Applied	SF	37,500	83.65	(3,137)		
Auto Maintenance	SF	6,140	84.52	(519)		
Built-in Equipment	LS	-	-	(133)		
SUPPORTING FACILITIES	LS	-	-	972,722		
Utilities <sup>OMSI</sup>	LS	-	-	(55)(389)		
Special Construction Features	LS	-	-	(125)		
Comm and Fire Alarm	LS	-	-	(43)		
Flexible Pavement	<b>LSY</b>	16,650	19.54	(325)(130)		
Site Improvement	LS	-	-	(35)		
SUBTOTAL	LS	-	-	4,511		
CONTINGENCY - 5%				226		
TOTAL CONTRACT COST				4,737		
SUPERVISION, INSPECTION AND OVERHEAD - 5.5%				261		
TOTAL REQUEST				4,998		
TOTAL REQUEST (ROUNDED)				5,000		
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				-		
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION</b>						
Construct a permanent masonry building to accommodate academic and applied instruction for the East Coast Consolidated Driver Training School, which encompasses the Motor Vehicle Operator's Course (MVOC) along with the Field Skills Training Course. The building will consist of wall bearing masonry structure, reinforced concrete floor, interior masonry partitions, steel joists, metal roof decking, roof insulation and special wall treatment to suppress sound transmission; heating, ventilation, air conditioning, concrete pavement and sidewalks, security fencing, lighting, telephones and telephone switching equipment, interior and exterior utilities systems connected, pollution controls, site improvements and approximately 2,500 feet of paved road.						
AIR CONDITIONING: 100 Tons						
<b>11. REQUIREMENTS: 217,304 SF ADEQUATE: 0 SF SUBSTANDARD: 94,788 SF</b>						
<b>PROJECT.</b> Construct an academic/applied/auto organizational facility as permanent facilities for the East Coast Consolidated Driver Training School.						
<b>REQUIREMENT.</b> Provide adequate facilities for training military personnel in the operation of various types of organizational vehicles along with performing second echelon maintenance. Academic and applied instruction will be accomplished in this facility. The East Coast Consolidated Driver Training School maintains 289 pieces of rolling stock and employs approximately 100 instructors. The school provides academic instruction for 930 students annually in ancillary training for explosive operators and						

4761  
238  
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1. COMPONENT MARINE CORPS	FY 1991 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE OF-35 DRIVER TRAINING FACILITY	5. PROJECT NUMBER P-807	
<p>M49 refueler operators along with a vehicle recovery course. The applied instruction section provides training of personnel on first and second echelon maintenance utilizing 25 vehicles at any given time.</p> <p><u>CURRENT SITUATION.</u> The MVOC is a new mission and no facilities exist in the Montford Point area that can be utilized in support of this mission. Existing inadequate facilities in the Camp Geiger area will be utilized until new construction is completed.</p> <p><u>IMPACT IF NOT PROVIDED.</u> The training of Marine Corps personnel will continue in facilities which are not conducive to a good learning experience which will continue to impair the effectiveness of the training program.</p>		



1. COMPONENT MARINE CORPS	FY 1991 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542		
4. PROJECT TITLE OF-35 DRIVER TRAINING FACILITY	5. PROJECT NUMBER P-807	
<p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p> <ol style="list-style-type: none"> <li>1. <u>Pollution Prevention, Abatement, and Control.</u> This project will not cause additional air or water pollution.</li> <li>2. <u>Flood Hazard Evaluation.</u> Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.</li> <li>3. <u>Environmental Impact.</u> The project Environmental Impact Assessment has been made, reviewed, and where required, the design concepts give consideration to eliminating adverse environmental effects consistent with applicable directives.</li> <li>4. <u>Fallout Shelter Construction.</u> Fallout shelter protection is not incorporated in this project.</li> <li>5. <u>Design for Accessibility of Physically Handicapped Personnel.</u> Provisions for physically handicapped personnel are <del>not</del> required in this project.</li> <li>6. <u>Use of Air Conditioning.</u> Ceiling "U" factors will be made to conform with DOD 4270.1-M.</li> <li>7. <u>Preservation of Historical Sites and Structures.</u> This project does not directly or indirectly affect a district, site, building, structure, object, or setting which is listed in the National Register or otherwise possesses a significant quality of American History.</li> <li>8. <u>"New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76.</u> Not applicable.</li> </ol>		

