

112 West 5th Street  
Charlotte, NC 28202  
704 334-6436

MINUTES OF MEETING

DATE: 10 August 1987

RE: Electronics/Communications Maintenance Shop  
FY-89, MCON Project P-229  
Marine Corps Base, Camp Lejeune, NC

LOCATION: Public Works Office; MCB, Camp Lejeune

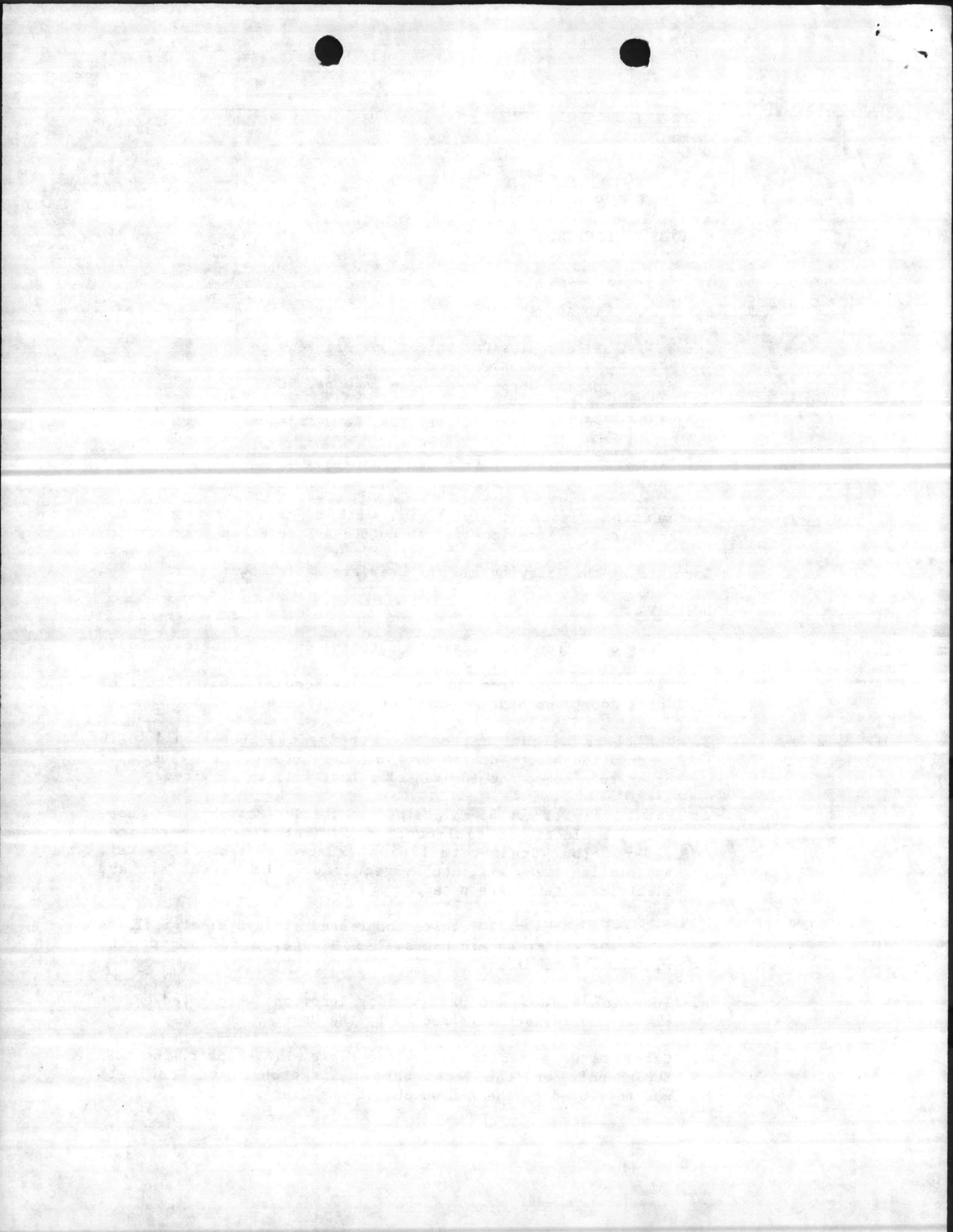
ATTENDING: See Attached List

The meeting opened at 10:00 a.m. with a general review of the project plans, as previously sent by the A-E to Karen Foskey.

Comments by the Activity and the User are as follows:

BUILDING

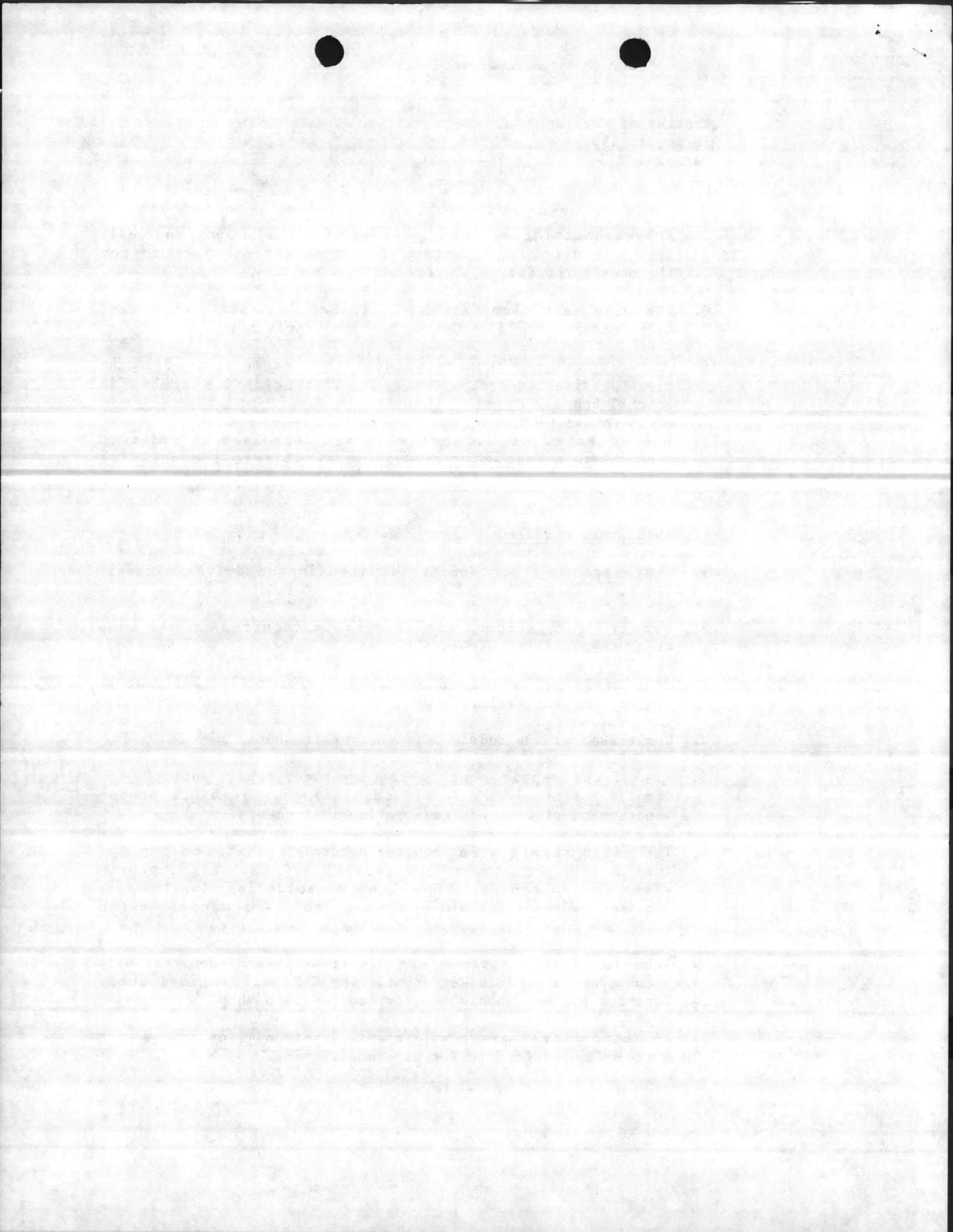
1. Add a door from the Classroom into the CMR/Metrological Shop.
2. Delete the door from the Mirco. Min. Repair into the Storage; add a door from Storage into the Tool Office.
3. The clear height in the CMR/Metrological Shop should be 16 feet to the bottom of the hook of the 5-ton trolley beam in order to accommodate the vehicles that will be serviced.
4. Vehicles will not be maintained in the CMR/Metrological Shop, only the electronic equipment on the vehicles. Therefore, water, floor drains, tail pipe exhaust system, oil system, and similar items will not be required. Compressed air and electrical items were noted.
5. Drive-in shops will require compressed air and electrical, as well as a tail pipe exhaust system. Water and floor drains will not be required.
6. Interior window and pass window locations were noted on the plans, and revised as directed by the User.
7. Cabinets were requested in the Micro. Min. Repair, the BCS/ BUCS Repair, and the Tech. Shop. A sketch of the cabinets was developed by the A-E which met the User's criteria.



8. Areas requiring air conditioning, finished floors and ceilings were discussed. Certain room names were revised as per the User's request.
9. The mesh partitions at the Radio Section, Radio Relay, and Wire Section should be CMU as per the User's request.
10. Locations of whiteboards and tackboards were noted on the plans as directed by the User. The User prefers whiteboards to chalkboards.
11. The HQ Batt. Stor. Room size was decreased in order to accommodate a Flam. Storage Room accessible to the building exterior.

#### MECHANICAL AND PLUMBING

1. There are no floor drains required in the drive-in repair shops.
2. Summer ventilation 5 air changes is required in all shop areas that are not air conditioned.
3. Hose bibbs are required on the exterior of the building at 50-100 foot intervals.
4. Compressed air is required in the repair shops.
5. All of the repair shops where equipment repair and calibration is performed require air conditioning to insure proper functioning of test and calibration instruments.
6. The micro repair area requires special humidity and temperature control year round 72 degree DB 50% RH. Also, provisions for an exhaust fan to remove soldering flux fumes is required. Exhaust should be controlled via a manual switch with make up air introduced from the adjacent areas.
7. Vehicle exhaust systems are required in each shop that will accommodate a vehicle, except for the CMR/Metrological Shop. Separate systems should be provided for each shop.
8. All conditioned areas will have a lay-in ceiling system with ductwork and diffusers for air conditioning.



ELECTRICAL

1. All intercom/p.a. requirements will be provided via the phone system. An empty conduit system will be provided for the above.
2. Provide 120 VAC cord reels in CMR/Metrological Shop, mounted on outside walls.
3. Provide fused disconnect switches for 28 VDC at 100 amps in all Drive-In Shop areas.
4. Provide fused disconnect switches, 60 amps, 3 phase, 4 wire, for 400 Hz., 208Y/120 volts in the CMR/Metrological Shop Area.
5. Provide 28 VDC receptacles, 120 VAC receptacles and a ground bus in the micro-main area, tech shop areas and in BCS/BUCS Repair area above for work counters. 28 VDC receptacles shall be amphenol 16011S or equal.
6. Clock receptacles and phone locations were noted on the plans as directed by User.
7. Provide site lighting around perimeter of building and in parking areas.
8. Provide power for van locations per letter of K.M. Foskey dated 22 May 1987.

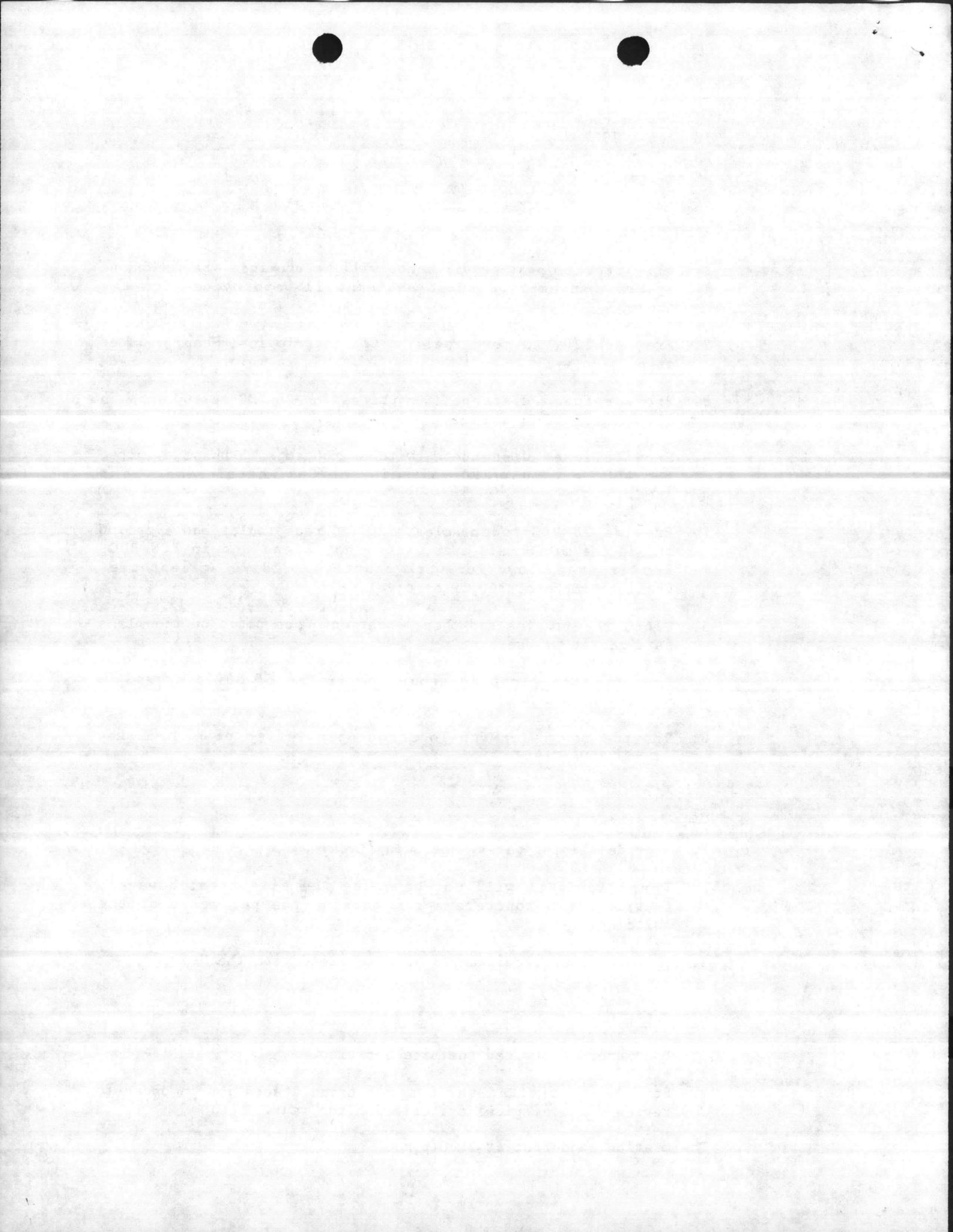
SITE

1. Provide sliding gates, not swing type.
2. Track vehicles will not be using the site area; however, provide for a concrete apron outside the perimeter of the building.
3. The wash rack requirements were reviewed with the User.

MISCELLANEOUS

1. Don Garbrick visited the site location.
2. Paul Mayer visited the Owner's current location in order to review the electrical criteria for the vans.

The meeting adjourned at 2:00 p.m.



REPORT OF CONFERENCE

DATE:

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

TIME & DATE: 10 AUG 87 1000

SUBJECT: P-229 ELEC/COMM MAINT. SHOP FOR 10<sup>th</sup> MARINES

PURPOSE: PRE-DESIGN MEETING

LIST OF ATTENDEES

NAME	RANK	TITLE	ORGANIZATION	TELEPHONE NO.
KAREN M. FOSKEY	CIV	PLANNER	PWD.	451-1833
FRED W. ESTES, JR	"	"	"	451-1833
PAUL MAYER	"	ELECTRICAL	CROCKFORD	333-6188
DON GARBRICK	"	CIVIL	PEASE	704-376-6423
JEFF HUBELMAN	"	A-E	GRANT HUBELMAN	704/334-6736
Warrant Officer Greg Herring	warrant officer	Electronic Maintenance officer	10 <sup>th</sup> Marines	451-2701/3054
EMERSON, III OREGON	CAPT.	DIV FACU	2d MAR DIV, FMF	451-5111/2417
RICHARD H. CROCKFORD	CIV	MECH ENGR	CROCKFORD ASSOC INC	704-333-6188

