PWO:404:LGN:sh
PWD 3-096

06 JUN 1979

20 JUN 6/5 04 JUN 6/5 404 LDN

Henry Von Oesen and Associates
Consulting Engineers and Planners
Attn: Mr. Glenn A. Davis
611 Princess Street
P. O. Drawer 2087
Wilmington, N. C. 28402

Re: Rebuild Electrical Substation, MCAS(H),
Project R-10-78; 30% Submittal

Gentlemen:

The 30% submittal has been reviewed by this office and the following comment noted:

(1) The location of the new substation shown in Preliminary Sketch #2 appears to be the most desirable; however, the routing of an underground service from CP&L through the existing Camp Geiger/MCAS(H) substation, while maintaining this substation in service, does not seem feasible. This needs further investigation.

Guide specifications are enclosed. Please note that the "Scheduling the Work" paragraph will be critical. You must coordinate this with us. Also enclosed is Public Works Sketch No. SK-408 showing a plan view of the substation and its related feeder.

For further information please contact Mr. Luther G. Norris, Jr., Electrical Branch Manager, of this Department, phone 451-3658.

Sincerely,

C. A. TACK
CDR, CEC, USN
Public Works Officer
By direction of the Commanding General

Enclosures

Blind copy to: (w/o encl)
AC/S, Fac

Return to Design

HENRY VON OESEN AND ASSOCIATES
CONSULTING ENGINEERS
AND PLANNERS
Telephone (919) 763-0141

611 PRINCESS STREET P.O. DRAWER 2087 WILMINGTON, NORTH CAROLINA 28402

May 18, 1979

Mr. Roger H. Kerley, P. E.
Public Works Department
Marine Corps Base
Camp Lejeune, N. C. 28542

RE: Rebuild Electrical Substation,
M. C. A. S. (H)
Project Number R-10-78

Dear Roger:

Enclosed are four (4) copies of our Project Design Stage First (30%) Submittal for the referenced project. We are somewhat beyond 30% at this time and expect to forward the second (90%) submittal in approximately three weeks.

Please advise if you need additional information at this time.

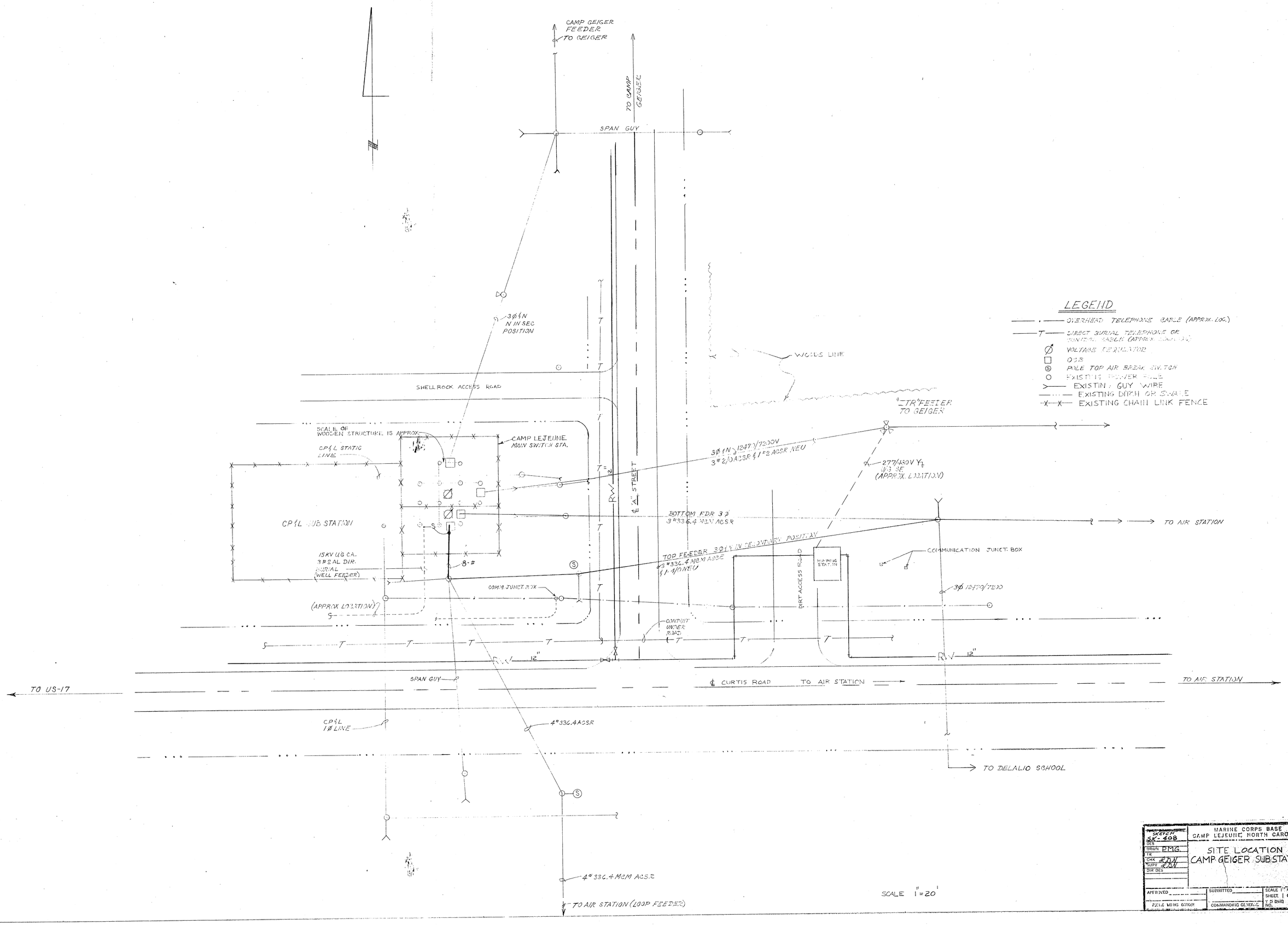
Yours very truly,

HENRY VON OESEN AND ASSOCIATES, INC.

R. Duncan McFadyen, P. E.

RDM/dsb

Enc.


CAMP GEIGER FEEDER TO GEIGER
TO CAMP GEIGER
SPAN GUY
3ØY N IN SEC POSITION
SHELL ROCK ACCESS ROAD
WOODS LINE
"TR" FEEDER TO GEIGER
SCALE OF WOODEN STRUCTURE IS APPROX.
CP&L STATIC LINE
CAMP LEJEUNE MAIN SWITCH STA.
3Ø 4N 12470/7200V
3#2/0 ACSR & 1#2 ACSR NEU
277/480V Y
U/G SE (APPROX. LOCATION)
CP&L SUB STATION
BOTTOM FDR 3Ø
3#336.4 MCM ACSR
TO AIR STATION
15KV UG CA.
3#2 AL DIR.
RURAL
(WELL FEEDER)
8-#
TOP FEEDER 3Ø 4N IN SECONDARY POSITION
3#336.4 MCM ACSR
& 1-4/0 NEU
COMMUNICATION JUNCT. BOX
COMM. JUNCT. BOX
(APPROX LOCATION)
PUMPING STATION
DIRT ACCESS ROAD
3Ø 12470/7200
CONDUIT UNDER ROAD
"A" STREET
12"
SPAN GUY
℄ CURTIS ROAD
TO AIR STATION
TO US-17
CP&L 1Ø LINE
4#336.4 ACSR
TO DELALIO SCHOOL
4#336.4 MCM ACSR
TO AIR STATION (LOOP FEEDER)
SCALE 1" = 20'
LEGEND
OVERHEAD TELEPHONE CABLE (APPROX. LOC.)
DIRECT BURIAL TELEPHONE OR CONTROL CABLE (APPROX. LOCATION)
VOLTAGE REGULATOR
O.C.S.
POLE TOP AIR BREAK SWITCH
EXISTING POWER POLE
EXISTING GUY WIRE
EXISTING DITCH OR SWALE
EXISTING CHAIN LINK FENCE
SKETCH SK-408
DES
DRWN. P.M.G.
TR
CHK. RDN
SUPV. RDN
DIR DES
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA
SITE LOCATION
CAMP GEIGER SUBSTATION
APPROVED
PUBLIC WORKS OFFICER
SUBMITTED
COMMANDING GENERAL
SCALE 1" = 20'
SHEET 1 OF 1
U.D. DWG NO.