

RESIDENT OFFICER IN CHARGE OF CONSTRUCTION
NAVAL REGIONAL MEDICAL CENTER.

CAMP LEJEUNE, N. C. 28542

IN REPLY REFER TO
RDC:jj
N62470-77-B-7526
6 March 1979

From: Resident Officer in Charge of Construction, Naval Regional Medical Center, Camp Lejeune, North Carolina
To: Commander, Atlantic Division, Naval Facilities Engineering Command (Attn: Code 05)

Subj: Contract N62470-77-B-7526, 205 Bed Hospital, Naval Regional Medical Center, Camp Lejeune, North Carolina

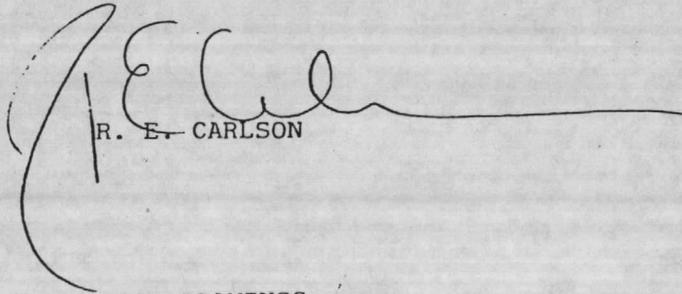
Encl: (1) K-FLEX Systems Limited Dwgs P-1340-1 thru P-1340-4 (1 set sepias)
(2) MCLO NRMC ltr of 31 Jan 79
(3) K-FLEX Systems Limited ltr of 22 Feb 79

1. The new hospital to be built under the subject contract was designed to use a Herman-Miller type casework and furnishings. The cart washer that is to be provided by the government and installed by the contractor must be suitable for use with this type cart.

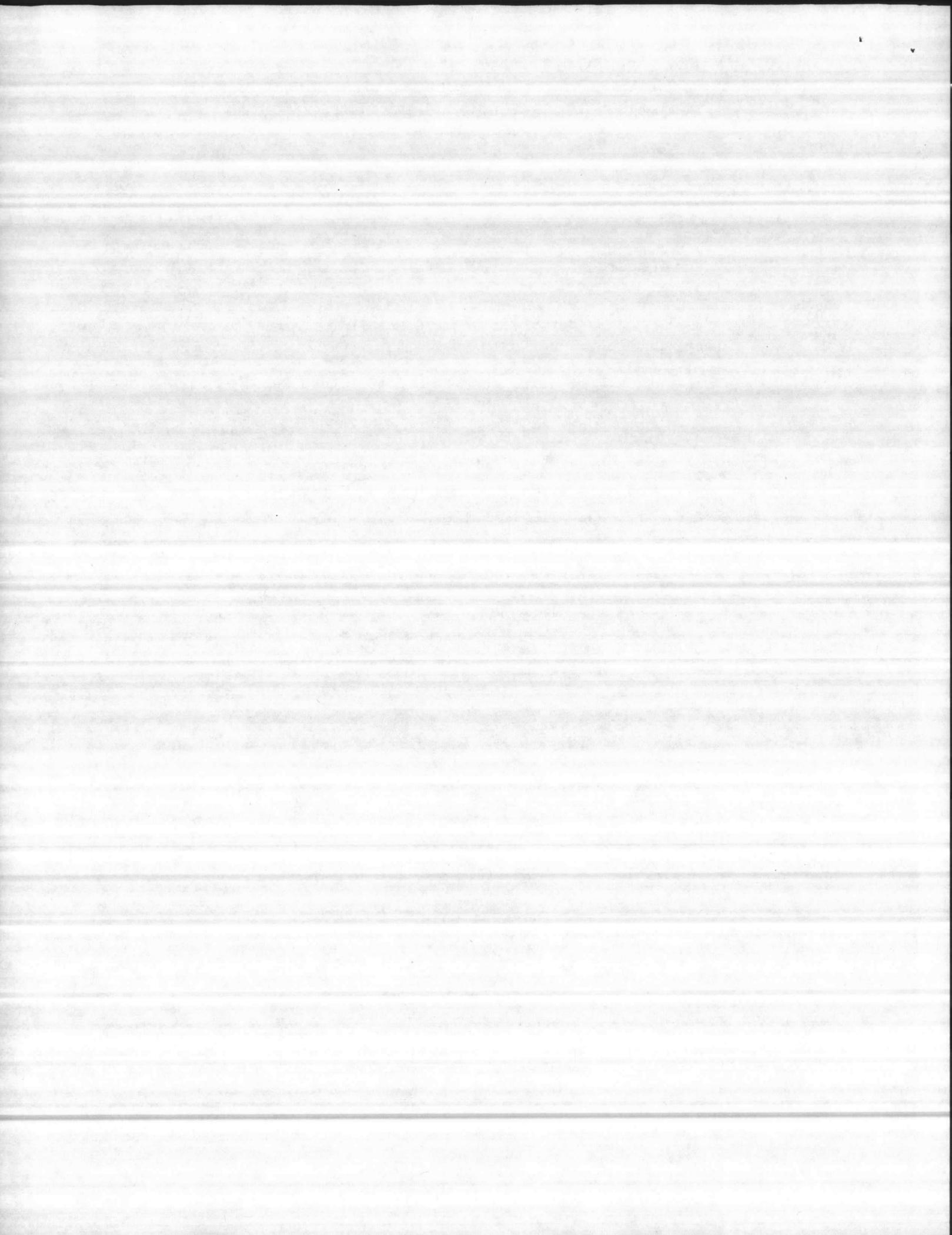
2. Enclosure (1) was provided to the ROICC, NRMC by the Medical Construction Liaison Officer (MCLO) for review. Based on an initial review, it appears that the cart washer requires a structural steel supporting system in lieu of the six inch concrete slab indicated on NAVFAC Drawing 4043792 (S1-4) and that a monorail support system must be provided which is not indicated in the contract drawings. The utilities presently being provided under the contract are sufficient according to the manufacturer. However, the exhaust duct shown on NAVFAC Drawing 4043865 (M1-12) is not required since the proposed cart washer is self contained.

3. Enclosures (2) and (3) are provided for additional information.

4. Since the cart washer is to be installed on Level 1, Area D, which will be one of the first floors to be poured, it is requested that appropriate design action be initiated as soon as possible to prevent any possible delays in construction.


R. E. CARLSON

* CHECK GFM FILE SECTION - ITEM 5-3171 FOR DRAWINGS.



31 January 1979

Mr. William C. Devereux
General Manager
K-Flex System Limited
3086 Wharton Way
Mississauga, Ontario L4X2B5

Dear Mr. Devereux:

As discussed in our conversation of 30 January 1979, I am enclosing copies of the drawings showing the design considerations for the washer in the construction documents. As I mentioned, the contractor will be responsible for installation.

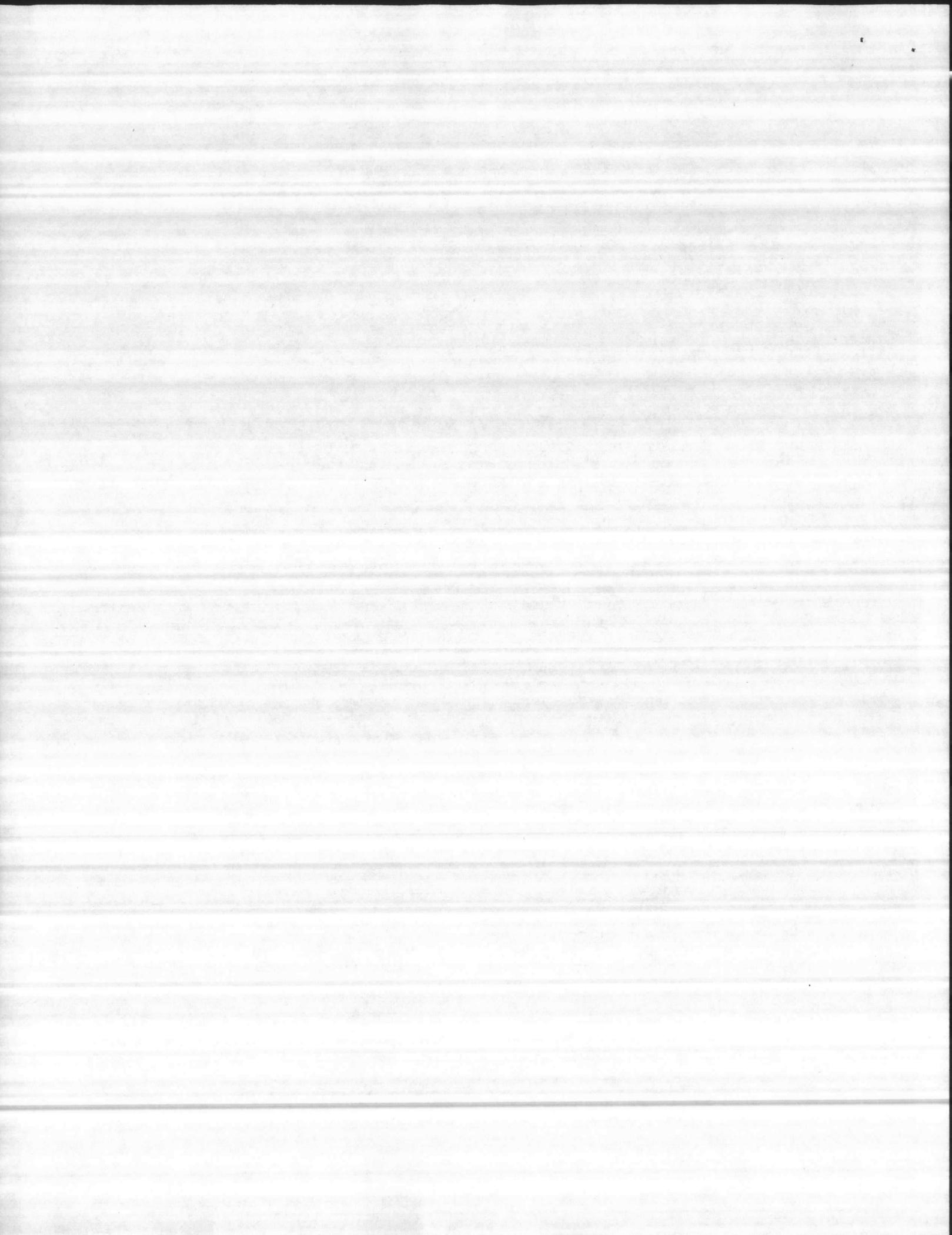
The following mechanical and electrical services will be provided to the unit. Please notify us if any of these basic services presents any problems.

- A. Electrical - 15 HP, 115/200V, 30, 60 HZ, 80 amp breaker.
- B. Mechanical
 1. Waste - 3".
 2. Hot water - 3/4" NPT, 110° F.
 3. Steam " 1 1/2" NPT, 125 psi.
 4. Condensate Return: 1" NPT.
 5. Chilled Water Supply: 1 1/2" NPT supply and 1 1/2" NPT return.
 6. Compressed Air: 1/2" NPT Industrial Air Systems Pressured 100 psi.

The following questions were generated following our review of the initial information.

- a. How high is rinse feeder above top panel?
- b. How far from face of panels does monorail have to extend? Three carts would seem to require a minimum of 6'9".
- c. What is the slope on floor in the sump?
- d. Do you need a vapor barrier on concrete?
- e. Does the wall dividing the washer and the service room set on the service room slab?
- f. Does equipment have to be orientated as indicated or can it be reversed?
- g. What are the dimensions of the sump?
- h. How is the unit sealed to the floor?
- i. Do utilities enter the service room from the top, bottom, sides?

Enclosure (2)

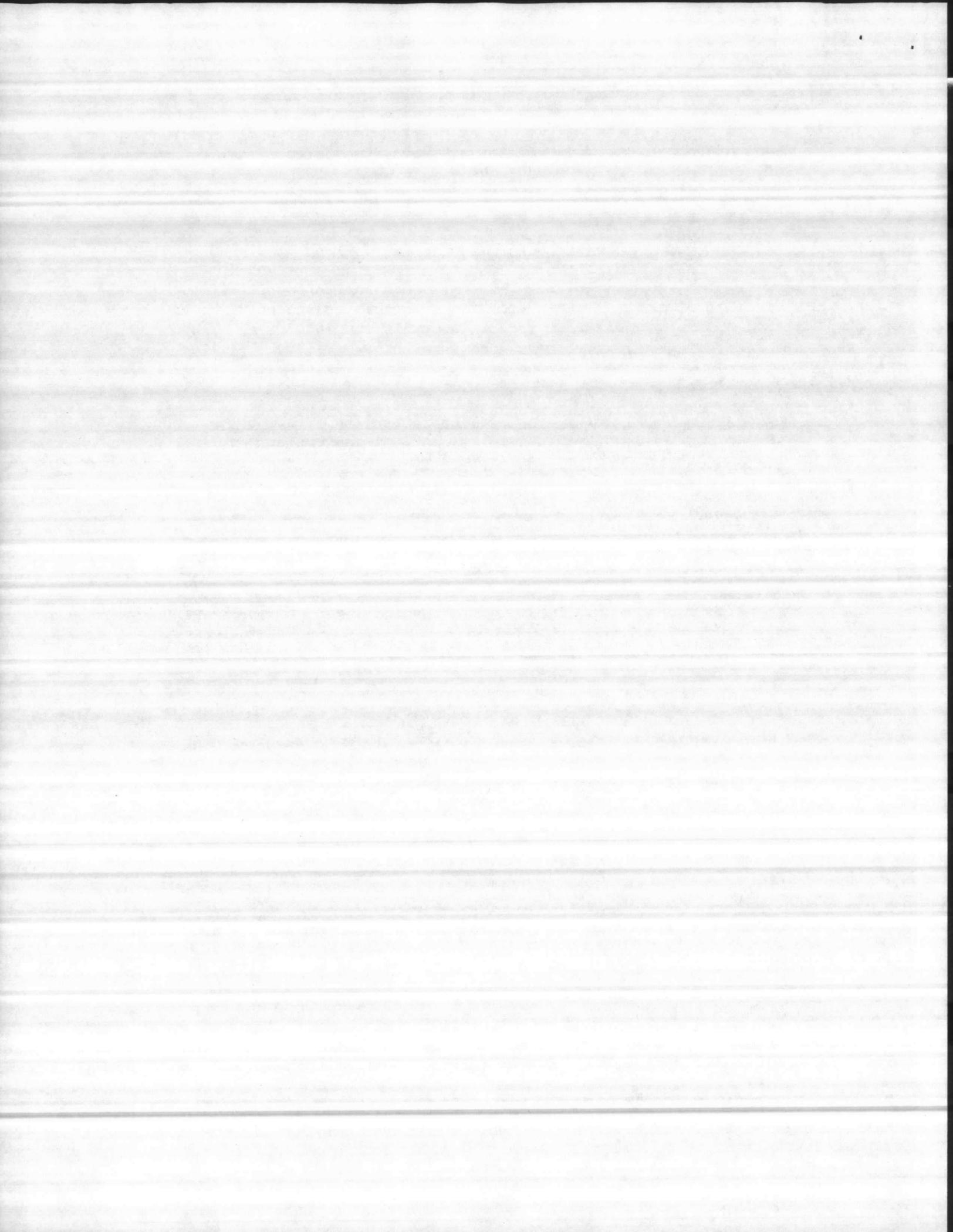


- j. How high above outside face of top does duct system extend?
- 7 k. How is monorail supported outside the unit?
- l. Does the unit come in varying sizes?
We have a space 9' X 10'-10" for the unit.
- m. What is height of unit to the top of top panel? Four drawings indicate 7'-8".
- n. How do we tie the surrounding GWB ceiling at elevation 8'-0" to unit?
- o. Does riser for work manifold come up through the floor of unit?
- p. We have a 6" concrete slab. Is this sufficient?
- q. Is an exhaust vent/duct from unit required?
- r. Do you have to have access to the top of the unit for maintenance or can you get to the top from the service room?

Should there be any question with respect to the drawings, our questions, or the use of your unit in Camp Lejeune, please contact me.
(Telephone 919-451-4656)

Sincerely,

H. E PHILLIPS
LCDR, MSC, USN
Medical Construction Liaison Officer





February 22, 1979

Naval Regional Medical Center
Camp Lejeune, N.C. 28542

Attn: H.E. Phillips, LCDR, MSC, USN
Medical Construction Liaison Officer

Re: Our proposal #P-1340, Naval Regional Medical Centre,
Camp Lejeunne, N.C.

Dear Lt. Cdr. Phillips:

Please find enclosed one set of blueprints and one set of sepias for the detailed drawings P-1340-1 through 4 of our Cart Washer. These drawings are submitted in response to your letter of January 31st and as a specific presentation to the building and installation requirements that you have.

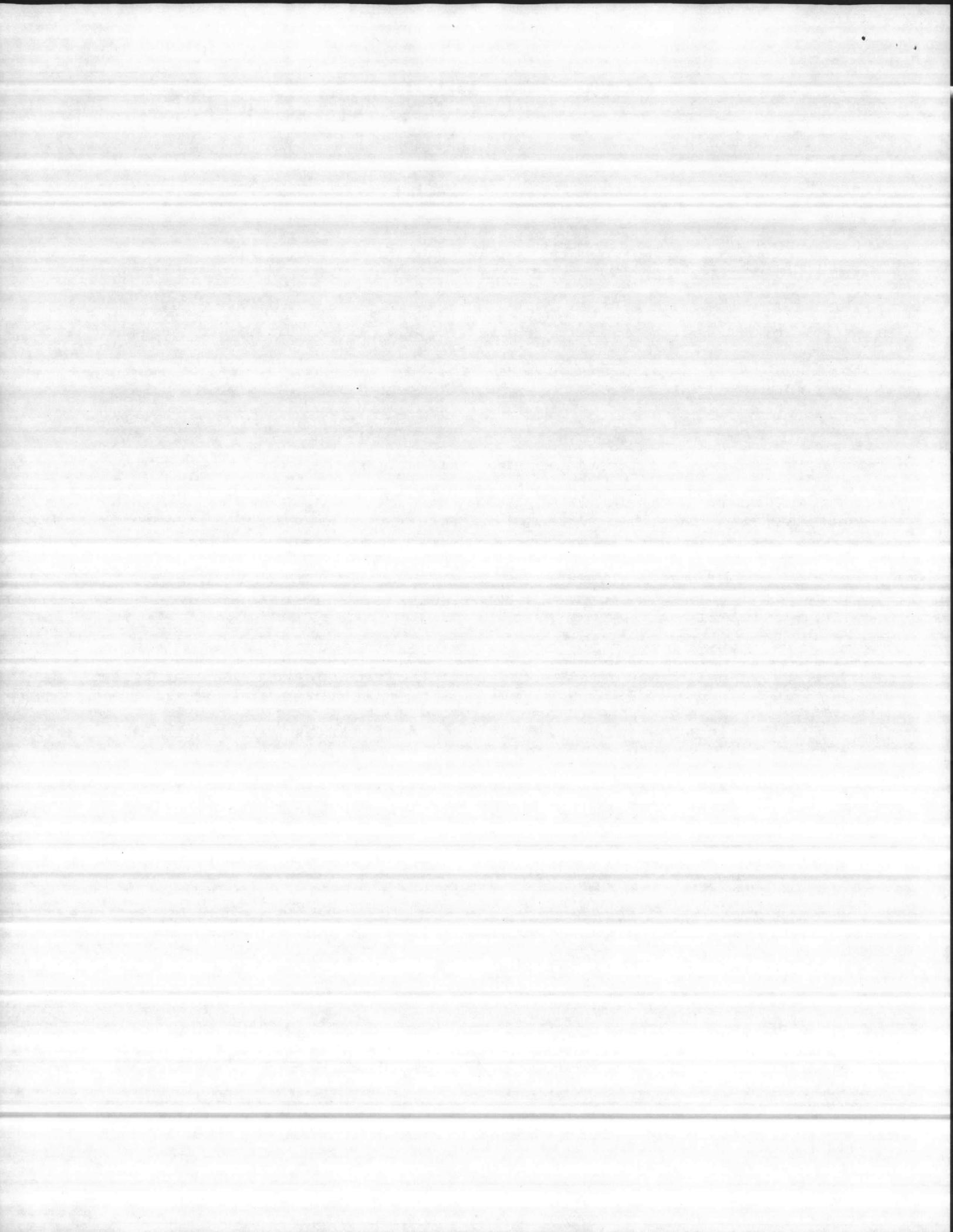
I believe that the questions that you asked are, in the main, answered by these drawing details. However, on one or two specific points:

- The rinse feeder is 5" above the top panel.
- A vapour barrier is needed in the concrete.
- The equipment does have to be orientated and cannot be reversed.
- The utilities enter the service section from the top.
- The duct system extends 12" above the outside face.
- The unit is 8' 1 1/2" to the top of the top panel.
- Section A.1.1. details the manifold routing.
- We suggest a support be made around the slab opening in your 6" concrete base.
- We do not require an exhaust vent/duct as there is a cool down cycle in the dehumidifer drier section.
- We do not need access to the top of the unit.
- The electrical/mechanical specifications that you stipulated are acceptable.

We have concluded that a monorail feed system gives the best overall operating efficiency.

The flow is well regimented, there is a clear cut between soiled and clean, the return of transporters is taken care of and the Herman Miller carts are easily transferred to and from these transporters. Your statement, as to leaving a certain number of dollys for transportation only, at both ends of the washer has been taken into account. If there is a need to move the dollys from one end to the other then the wall opening that we have allowed for the monorail should be increased to accomodate this aspect.

Enclosure (3)



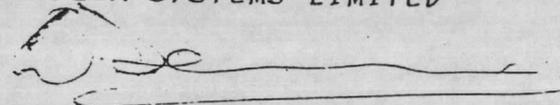
- Page 2 -

We hope that this is sufficient information at the moment. Should you have any further questions then you can call either me or our Director of Engineering, Ali Elgharini, 416-625-2890.

I do not remember whether we spoke to you of other K-Flex Systems. Our experience is greatly in food service conveyors for dishwashing and tray assembly and we are now installing a complete hospital distribution system for surgical carts, records, etc. at Abbott Northwestern Hospital in Minneapolis. Consequently, if there are other areas that we might assist you please contact us again and we can make further presentations to you.

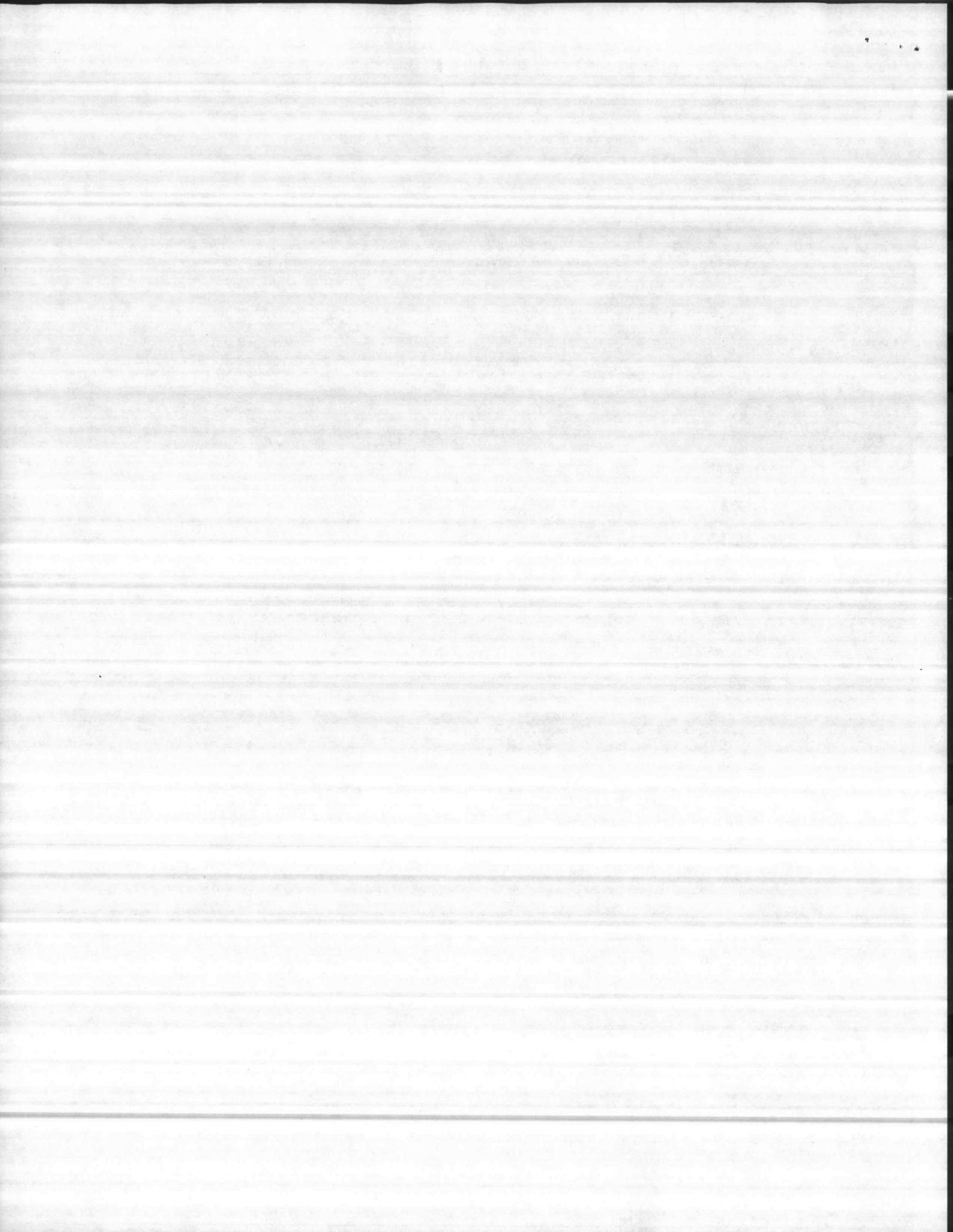
Yours sincerely,

K-FLEX SYSTEMS LIMITED



Wm. C. Devereux
General Manager

WmCD/dds



NAVAL REGIONAL MEDICAL CENTER

CAMP LEJEUNE, N. C. 28542

IN REPLY REFER TO:
MCLO:HEP:ca
16 July 1979

MEMORANDUM FOR THE RESIDENT OFFICER IN CHARGE OF CONSTRUCTION, NAVAL REGIONAL MEDICAL CENTER, CAMP LEJEUNE, NORTH CAROLINA

Subj: Category "E" Medical Equipment Items ST-1, ST-3, ST-5, and ST-6

Encl: (1) Five copies of brochure information on subject equipment
(2) Two copies rough hand drawings on subject equipment

1. Enclosures (1) and (2) are forwarded for your information and review. It is requested that upon completion of the review of this information by the ROICC and the contractor, that one copy of enclosure (1) be returned to this office indicating your approval and acceptance of the items, or any reservations or problems that may arise during the review.

2. The following comments are offered with respect to the information contained on enclosure (2).

a. The two steam sterilizers (ST-3), the gas sterilizer (ST-5), and the aerator (ST-6), are located in accordance with the contract drawings. Since these units require less width than the units around which the A-E designed this space, the extra inches have been added with the service access doors, making them larger. Should it not be possible to change these doors, we have no objections to reverting back to the originally specified size.

b. It should be noted that the face wall to face wall dimensions for items ST-3 and ST-5 have changed from 5' 1 3/4" to 3' 3". This is because the Castle units require less depth than the units around which the A-E designed the space. This will allow us to eliminate the jog in the terminal sterilization wall in Room C156.

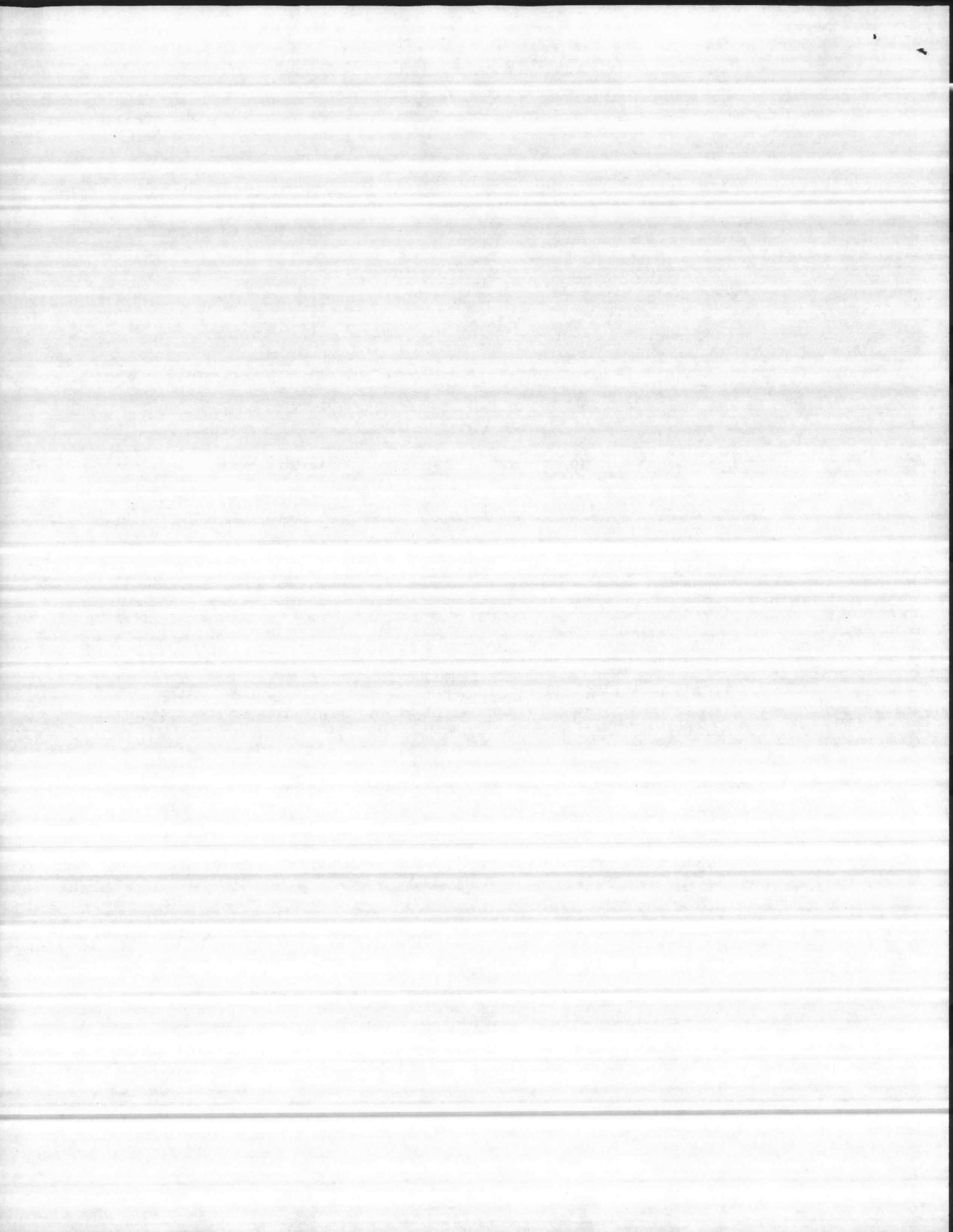
c. The drains under the units are located as shown on the plumbing drawings. The contractor has the option of piping from the sterilizer to these floor drains or relocating the drains prior to the installation of the equipment.

3. Should any questions arise with respect to this equipment, technical personnel are available from the supplier to assist the contractor in making the proper preparation for the installation of this equipment. Should it be necessary for a representative of the supplier to visit the job, it is requested that this office be given ten (10) days to arrange this visit.



H. E. PHILLIPS
LCDR, MSC, USN

Medical Construction Liaison Officer



THE SYBRON - CASTLE

Comments KEYED TO A BOOKLET.

1. Index - ST-1 change room C253 to C254

2. Section I

d. Who provides the trap for mechanical steam water

a. Who provides wiring from receptacle to unit junction box?

b. How is safety valve piped? ^{to drain or roof.}

c. d. Who provides the local shutoff valves for water and steam?

e. Drawings and specs require steam condensate to be returned. This unit waste all condensate.

f. FUSED SAFETY SWITCH IS NOT PROVIDED BY CONSTRUCTION CONTRACT, ^{so local fused disconnect nec.?} ^{so it on the unit?} TO PROVIDE 20A CORO & PLUG.

RFP -
CONSTRUCTION TO
PROVIDE
CORO & PLUG



3. Section II

a. Who provides local shutoff valves for water?

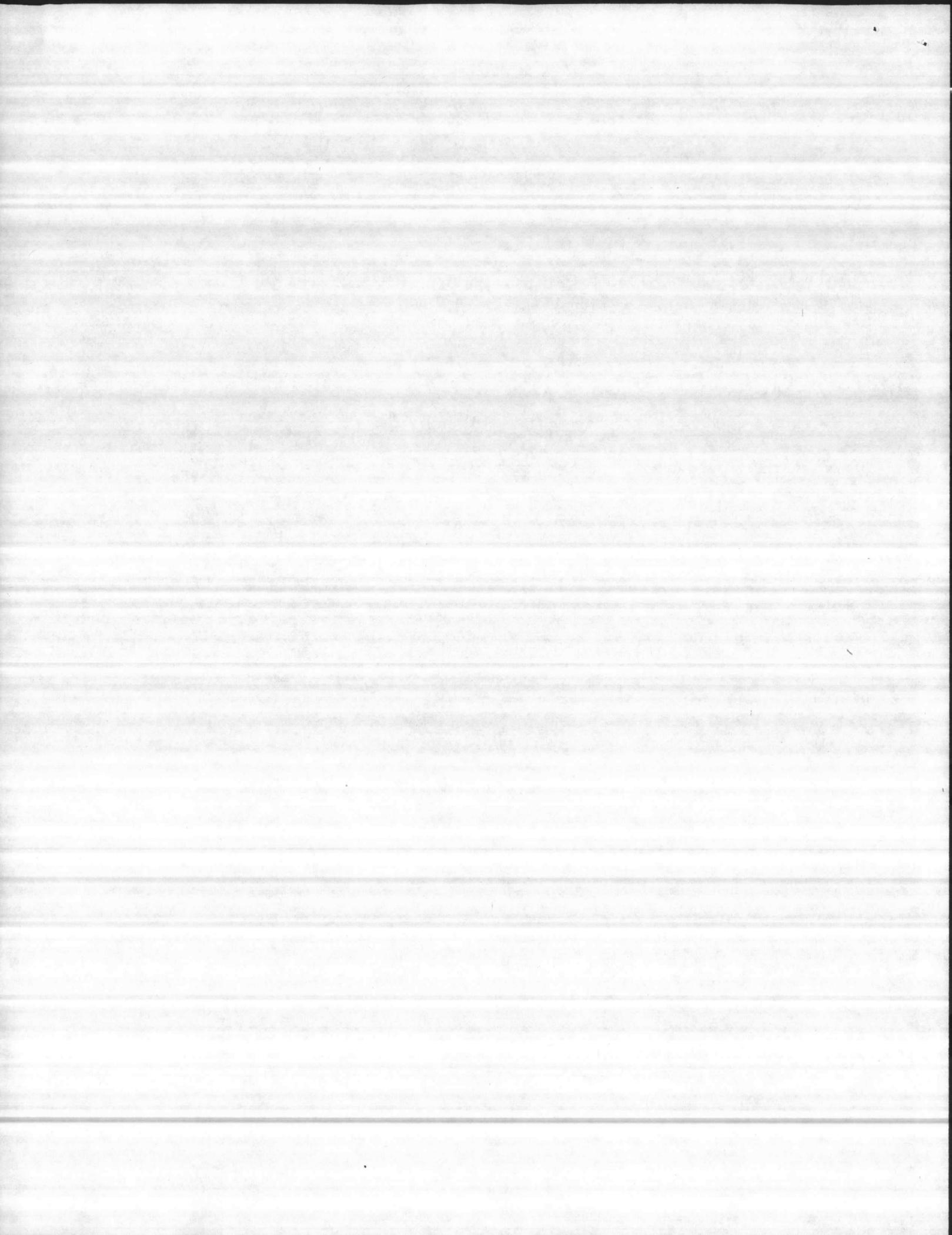
b. 1" steam line required (1/2" provided).

c. 1" water line required (3/4" provided).

d. Shock absorber should be provided in water line to vacuum pump.

e. Hot water supplied to unit - not required.

f. Drawings and specs indicate condensate to be returned. This unit waste all condensate.



- g. If condensate is to be wasted, then a hub-drain (Detail on Dwg P7-2 should be added.) Present plan calls for floor drain.

Section III

1. Drawings call for condensate to be returned. Hub drain not provided for waste. This unit waste condensate.

**

2. Safety vent not provided for in service connection on drawings or specs.

3. Who provides shutoff valves for water line?

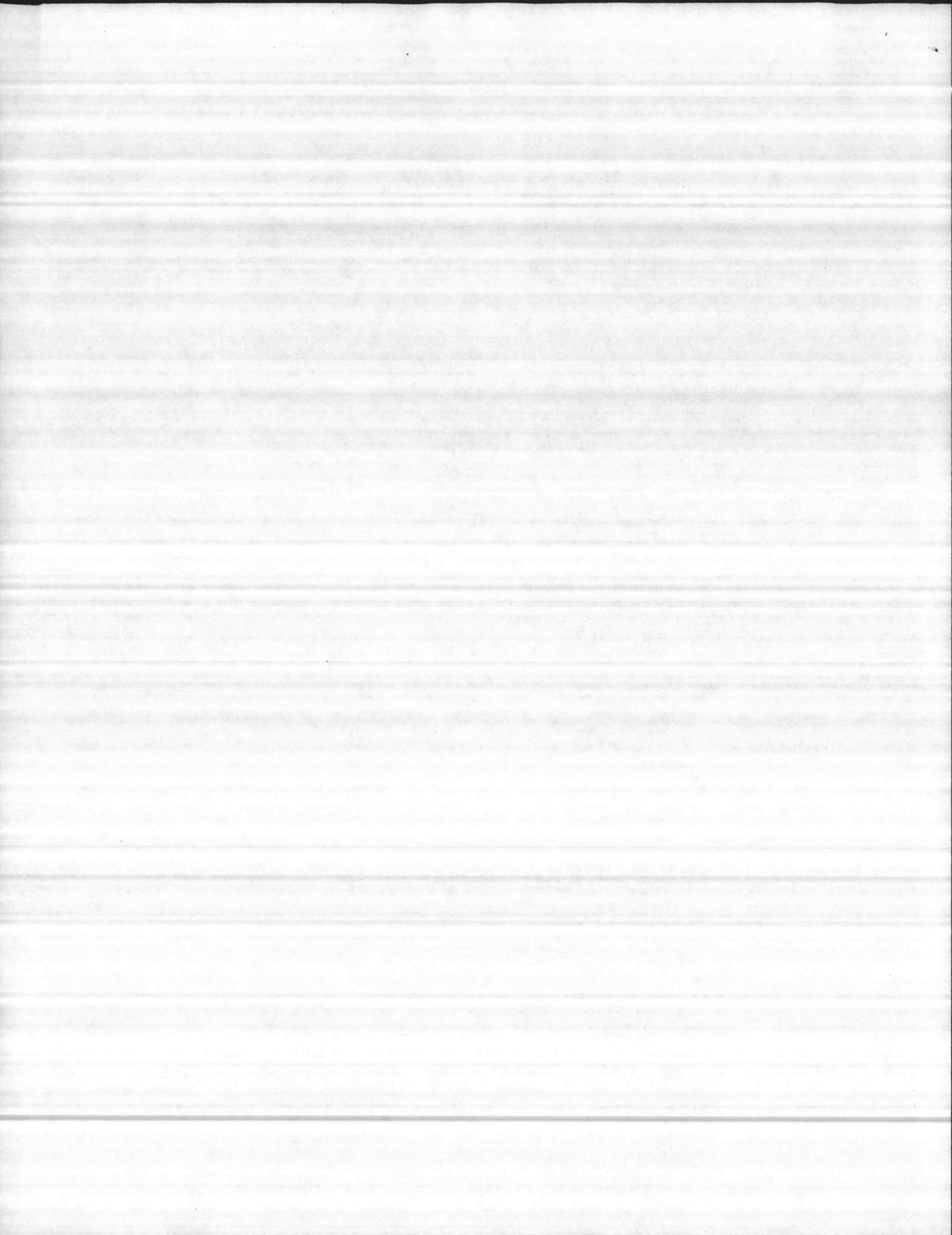
4. Unit requires $\frac{3}{4}$ " steam and water supply. Rough in provides $\frac{1}{2}$ ".

5. Shock absorber required on water line?

6. ~~NEED GAS & TANKS TO TEST SYSTEM.~~

7. NEED CONTROL WIRING BETWEEN ^{GAS CONTROLLER} HEADER & STERIL.

RFP



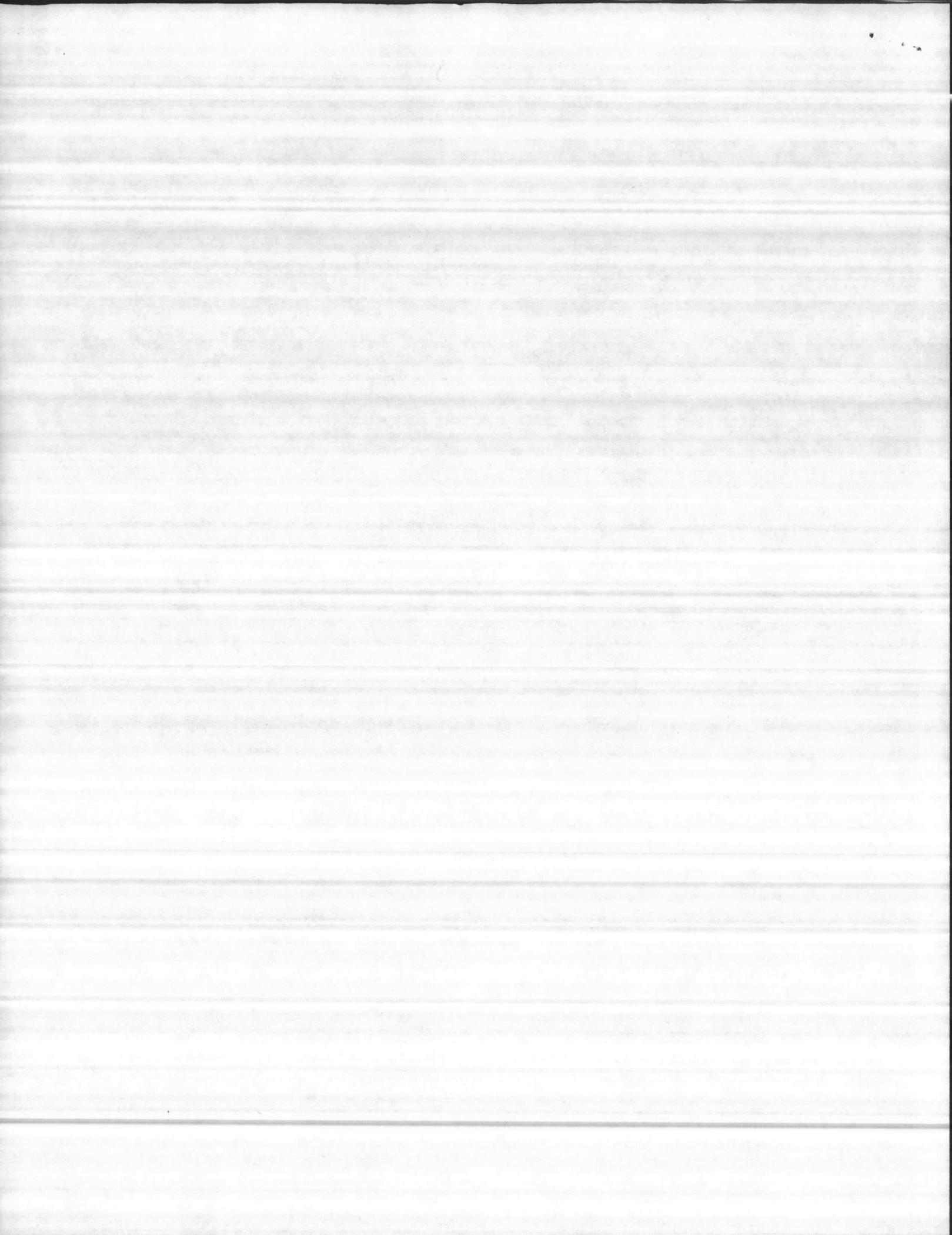
Section IV

- * a. 2½" vent required by specs and by piece of equipment. Vent not shown on piping drawings.

SYBRON - CASTLE DWG. No 2598-001:

- a) NOTE 1 OF GENERAL NOTES IS UNACCEPTABLE.
SERVICE CONNECTIONS SHALL BE DIMENSIONED & NOT
SCALED FROM DRAWING.

C-153A



NAR → NO action required

NAVAL REGIONAL MEDICAL CENTER

CAMP LEJEUNE, N. C. 28542

IN REPLY REFER TO:
MCLO:HEP:ca
20 Aug 1979

MEMORANDUM FOR THE RESIDENT OFFICER IN CHARGE OF CONSTRUCTION, NAVAL REGIONAL MEDICAL CENTER, CAMP LEJEUNE, NORTH CAROLINA

Subj: Response to questions on Category "E" Medical Equipment Items ST-1, ST-3, ST-5, and ST-6

Ref: (a) ROICC written comments on Castle equipment submittal
(b) Phone conversations btwn Mr. A. J. Kilgore, Castle Service Representative, and LCDR Phillips of 21 and 24 Aug 1979

1. Reference (a) contained a number of questions with regard to manufacturer submittals on the subject equipment. These questions were put to a representative of Castle Corporation by reference (b). The following information is provided:

a. Section 1 (Medical Equipment Item ST-1).

(1) Response to your question 2a: The construction contractor will be required to provide wiring from the receptacle to the unit junction box. *Included in C.O.*

NAR (2) Response to your question 2b: The safety valve on this unit is normally piped to the atmosphere rather than a rough or floor drain.

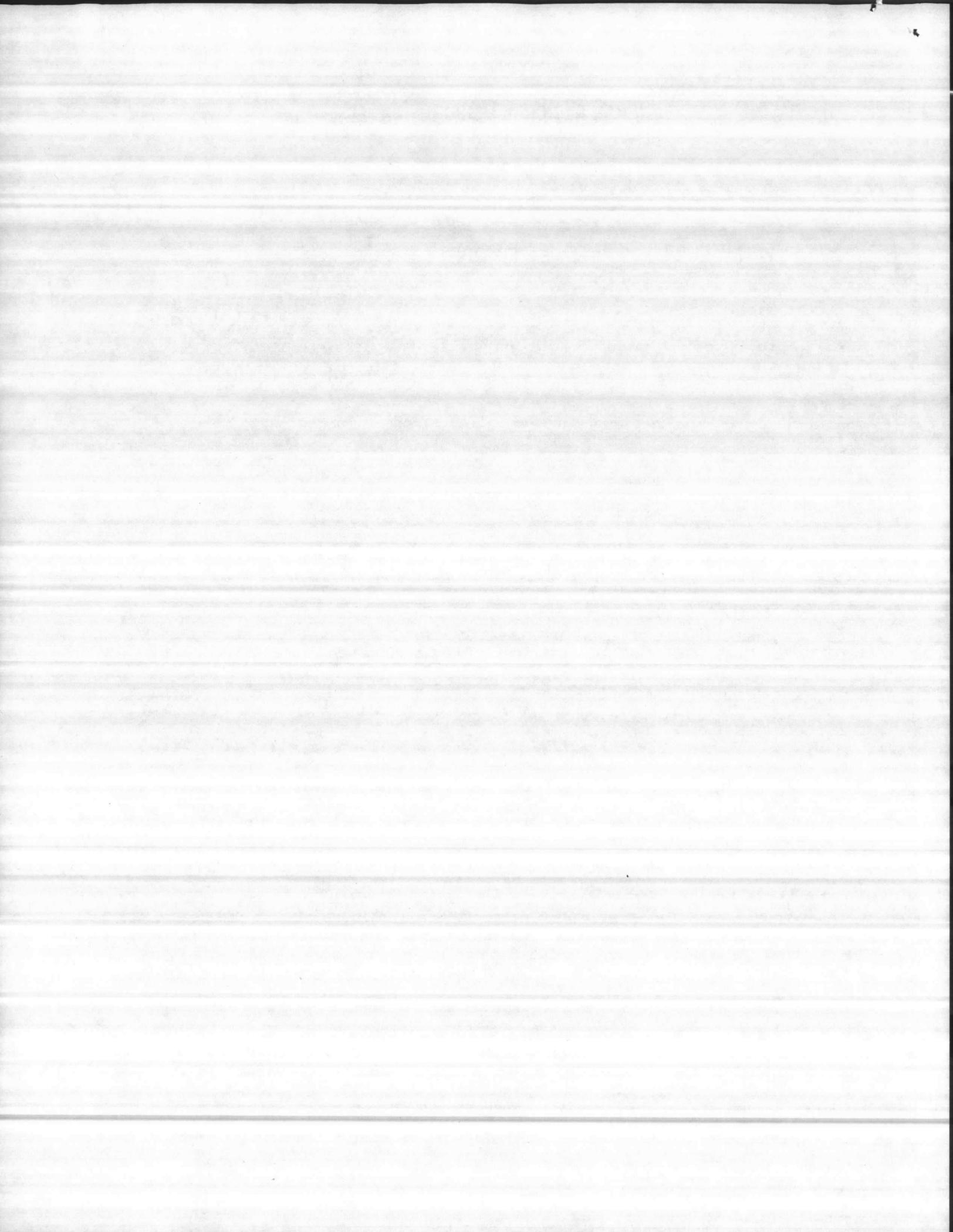
(3) Response to your question 2c: The construction contractor will have to provide the local shutoff valves for the building water and steam lines. *Included in C.O.*

NAR (4) Response to your question 2e: All steam utilized in the sterilization process is dumped into the hospital sanitary waste system. The only time that a condensate return line is used, in Castle's experience, is as a drip line on a steam trap. Condensate is dumped to waste to eliminate the possible spread of contamination.

NAR (5) Response to your question 2f: Castle personnel indicated that if the circuit breaker for a specific piece of equipment is not close enough to allow easy access for maintenance personnel, a local fuse disconnect is recommended. Again, this disconnect switch will have to be provided by the construction contractor. Considering the location of the electrical panels on this project, I feel it would be highly desirable to request that the contractor provide these local disconnects. This change will undoubtedly facilitate our maintenance efforts in the years to come.

b. Section 2 (Medical Equipment Item ST-3).

(1) Response to your question 3a: The construction contractor is expected to provide local shutoff valves on house steam and water lines. *Included in C.O.*



(2) Response to your question 3b: A one inch ^{OD} steam line is required. This will require a change from the 1/2 inch steam line called out in the specifications. *Included in CO.*

NAR (3) Response to your question 3c: A one inch ^{OD} water line is required by this piece of equipment. Again, this will require a change order, as a 3/4 inch line is specified by the contract. *(NO CO req. 3/4 is OK)*

NAR (4) Response to your question 3d: The unit comes equipped with a shock absorber for the water line to the vacuum pump.

(5) Response to your question 3e: Hot water is not required for the operation of this unit. *Included in CO.*

NAR (6) Response to your question 3f: All steam utilized in the sterilization process will be dumped to waste to prevent cross-contamination. Castle indicates the only use for a condensate return is as a drip line on a steam trap.

NAR (7) Response to your question 3g: The Castle sterilizers are provided with a funnel for installation in the floor drain called for in the specifications. This funnel will also provide the necessary sanitary air break on that drain.

c. Section 3 (Medical Equipment Item ST-5).

NAR (1) Response to your question 3(1): All steam utilized in the sterilization process is dumped to waste to prevent cross-contamination. This unit comes with a funnel for use in the floor drain called for in the specifications.

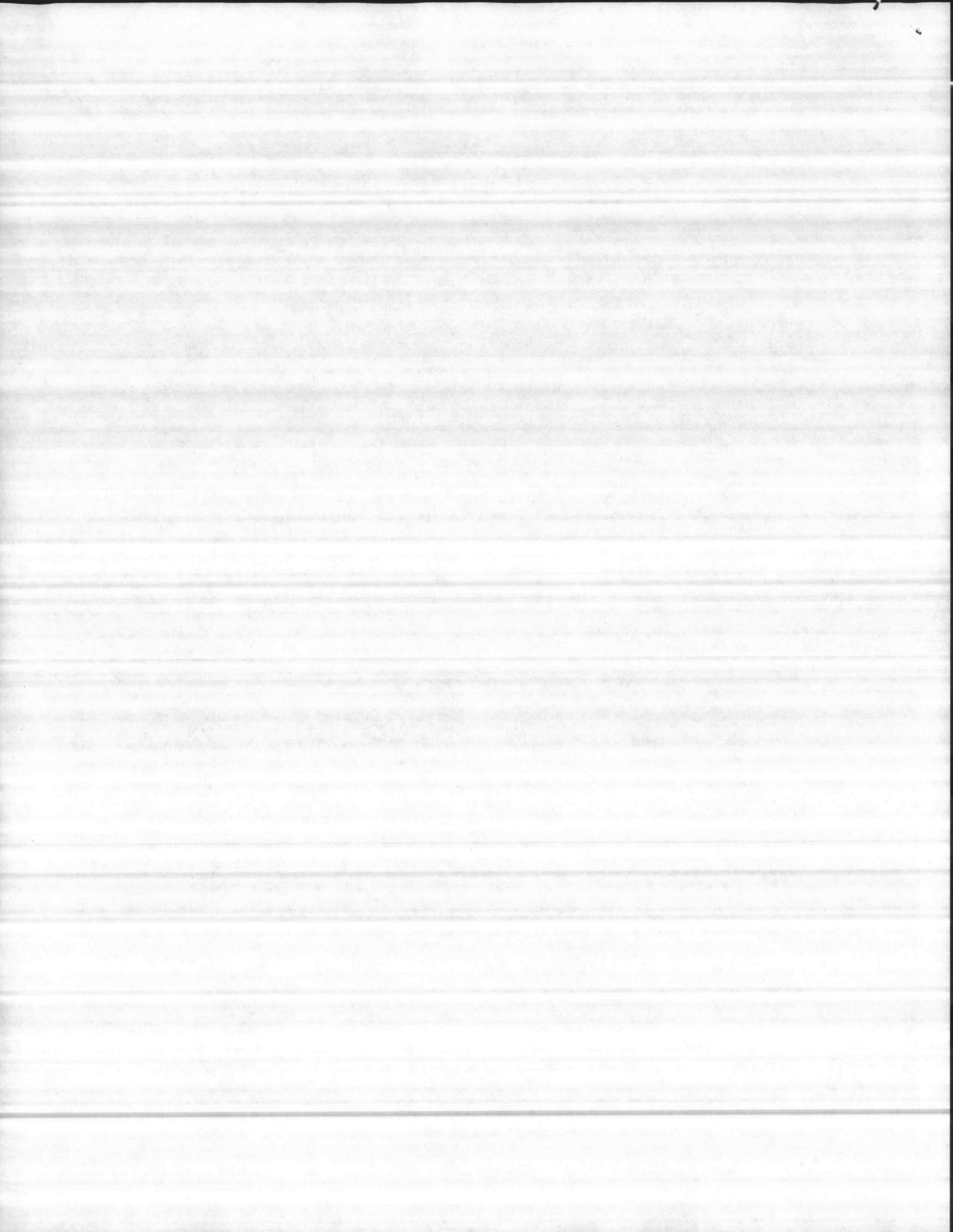
NAR (2) Response to your question 3(2): The Ethylene Oxide utilized in the sterilization process is trapped in water by the automatic condenser unit on this sterilizer and dumped to waste. There is no requirement for this sterilizer to be vented directly to the atmosphere.

(3) Response to your question 3(3): All local shutoff valves on house water and steam lines must be provided by the construction contractor. *Included in CO.*

NAR (4) Response to your question 3(4): This unit does require 3/4 inch water and steam supply lines vice the 1/2 inch called out in the specs. This will necessitate a change order to the contract. *(Pipe sizes OK)*

NAR (5) Response to your question 3(5): The unit comes equipped with a shock absorber for the water line to the vacuum pump.

NAR (6) Response to your question 3(6): Gas and tanks for the testing of the unit will be provided by the Naval Regional Medical Center.



MCLO:HEP:ca
20 Aug 1979

(7) Response to your question 3(7): Wiring between the gas controller and the sterilizer is to be provided by the construction contractor.
Included in CO.

d. Section 4 (Medical Equipment Item ST-6). The gas aerator does require a 2 1/2" vent to atmosphere called out in the specifications, even though this vent is not shown on the drawings.
Included in CO.

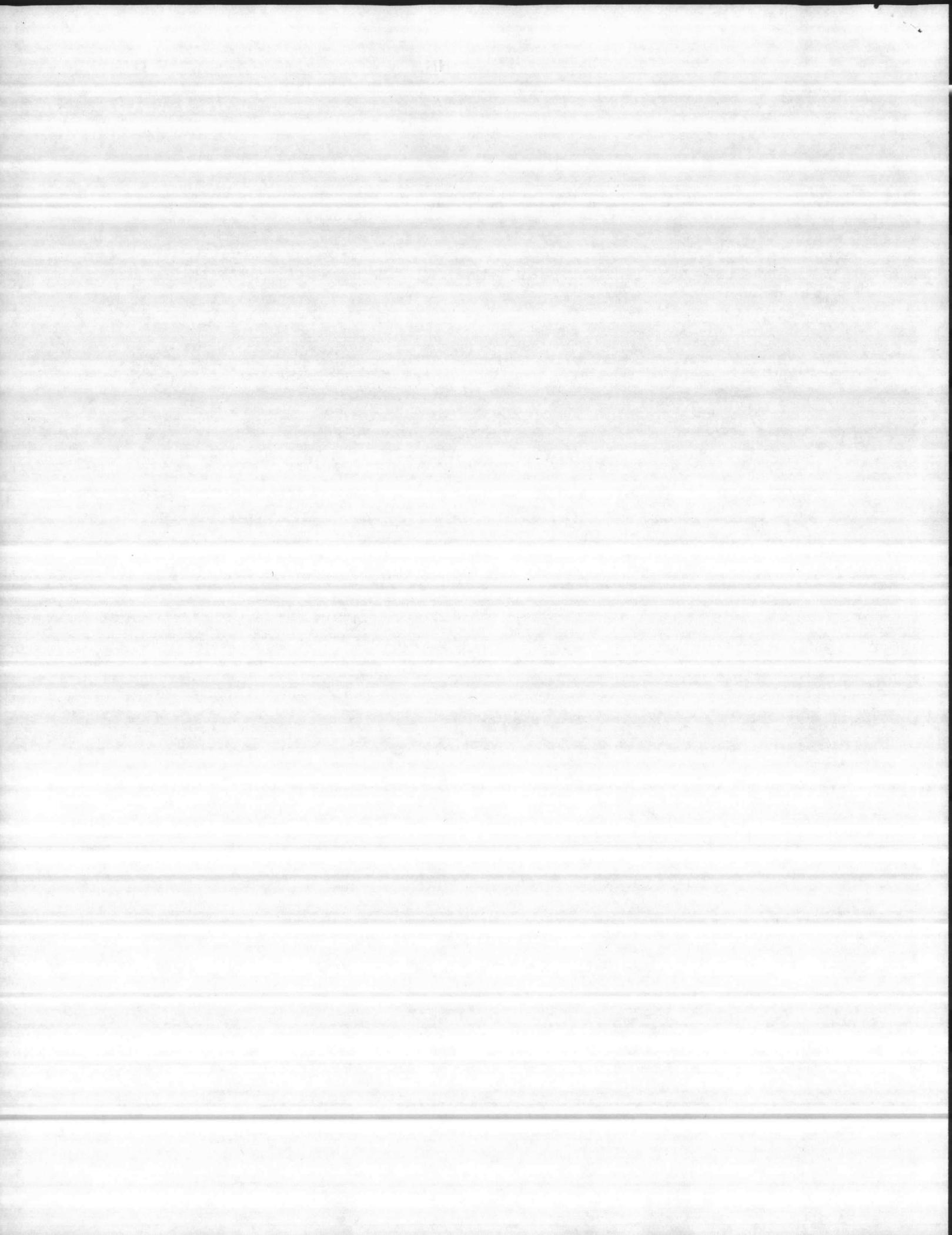
2. It is realized that a number of minor change orders will be necessary for the installation of the sterilization equipment to provide control wiring, shutoff valves, and local junction boxes. After speaking with both Castle and AMSCO, they indicated that these are standard practices in the industry and that Lockwood-Greene was aware that these items were not included with their sterilizers. It is hoped that these changes can be accomplished with a minimum amount of trouble. Should any additional information be required with respect to the subject items, please contact me

3. A Castle representative will be available to inspect the installation and supervise equipment start up with reasonable notice through this office.



H. E. PHILLIPS
LCDR, MSC, USN

Medical Construction Liaison Officer



DEPARTMENT OF THE NAVY
RESIDENT OFFICER IN CHARGE OF CONSTRUCTION
NAVAL REGIONAL MEDICAL CENTER
FIELD OFFICE
CAMP LEJEUNE, NC 28542

TELEPHONE NO.
353-3455

IN REPLY REFER TO:
JR:jj
N62470-77-C-7526
NOV 15 1979

MEMORANDUM FOR THE MEDICAL CONSTRUCTION LIAISON OFFICER, NAVAL REGIONAL MEDICAL CENTER, CAMP LEJEUNE, NORTH CAROLINA (Attn: LCDR H. E. Phillips)

Subj: Medical Equipment Item ST07, Washer/Decontaminator

1. The Resident Officer in Charge of Construction office has reviewed the enclosed submittal of the subject ST07 sterilizer. The submittal indicates that the pump electric service can be 200v, 230v or 460v, 3 phase. Please insure that the electric motor is 200v as this is the service provided under the existing contract. Other than this point, the submittal is acceptable.
2. If there are any changes in the equipment as bought from the contents of this submittal, please notify the ROICC immediately.

R. E. CARLSON
LCDR, CEC, USN
Resident Officer in Charge of
Construction

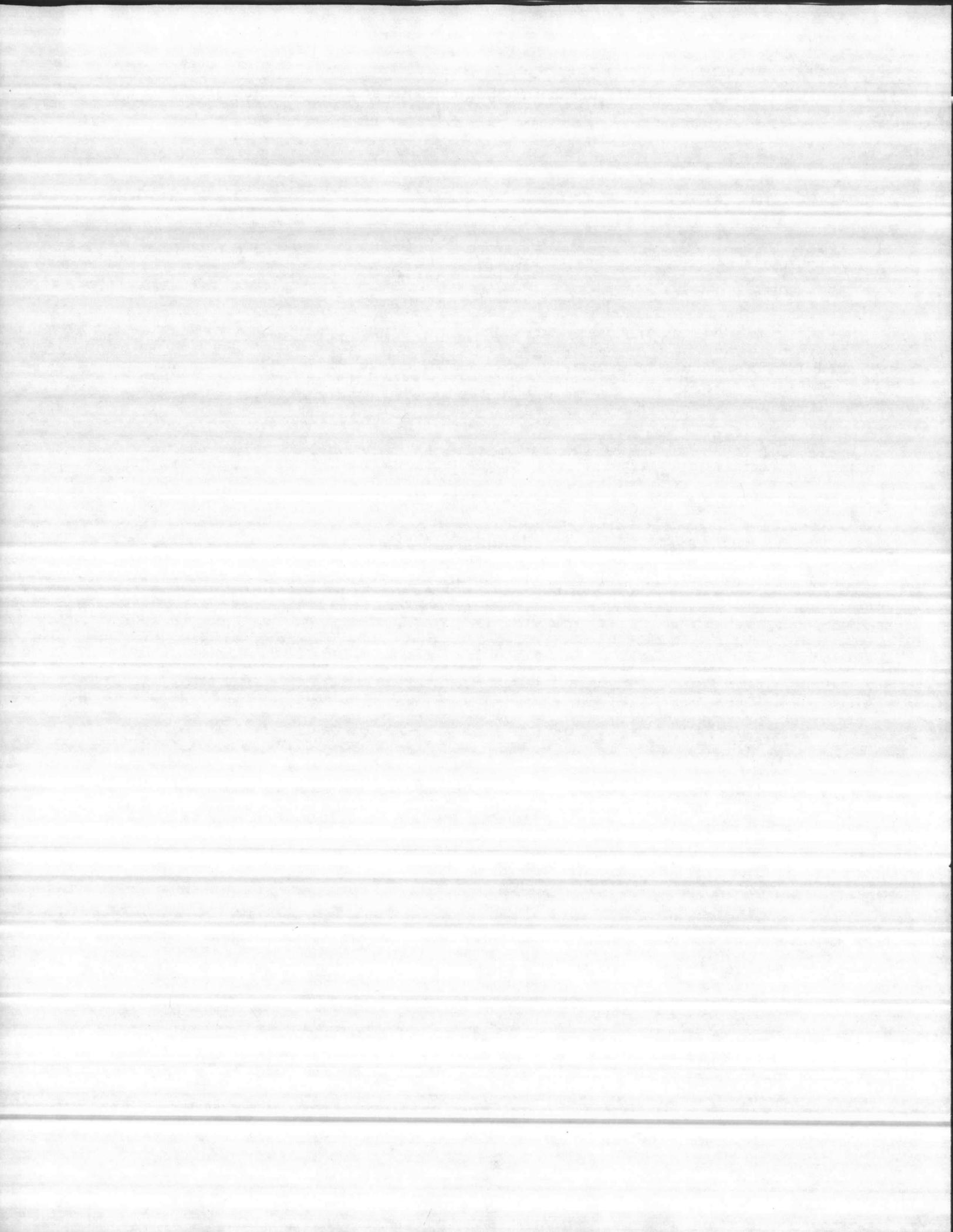
Enclosure: AMSCO Submittal #067904841

Copy to: LANTDIV, w/o encl.

Gen. Corr.

→ GFM - "E2" file

Reading file



NAVAL REGIONAL MEDICAL CENTER

CAMP LEJEUNE, N. C. 28542

IN REPLY REFER TO:
MCL0:HEP:ca
11 Dec 1979

MEMORANDUM FOR THE RESIDENT OFFICER IN CHARGE OF CONSTRUCTION, NAVAL REGIONAL MEDICAL CENTER, CAMP LEJEUNE, NORTH CAROLINA 28542

Subj: Category "E" Medical Equipment Items ST-8, Blanket and Solution Warmer, and WE-6, Ultrasonic Washer and Dryer

- Enclosure (1) Castle Catalogue Cut on Castle Model 5510, Warming Cabinet (Four each)
(2) Catalogue Cut on Castle Model 7936, Sonic Cleaner, and 7946, Rinser/Dryer (Four each)

1. Enclosures (1) and (2) are forwarded for your information and review. It is requested that upon completion of the review of this information, by the ROICC and the contractor, that this office be notified of your approval and acceptance of the items, or any reservations or problems that might arise during the review. Should any question arise with respect to this equipment, technical personnel are available from the supplier to assist the contractor in making proper preparation of the installation of this equipment. Should it be necessary for a representative of the supplier to visit the job, it is requested that this office be given ten (10) days notice to arrange the visit.
2. It is requested that the building Distilled Water System be attached to the hot water supply line on the Castle 7946, Rinser/Dryer.
3. Should any additional information be required with respect to this equipment submission, please contact this office.

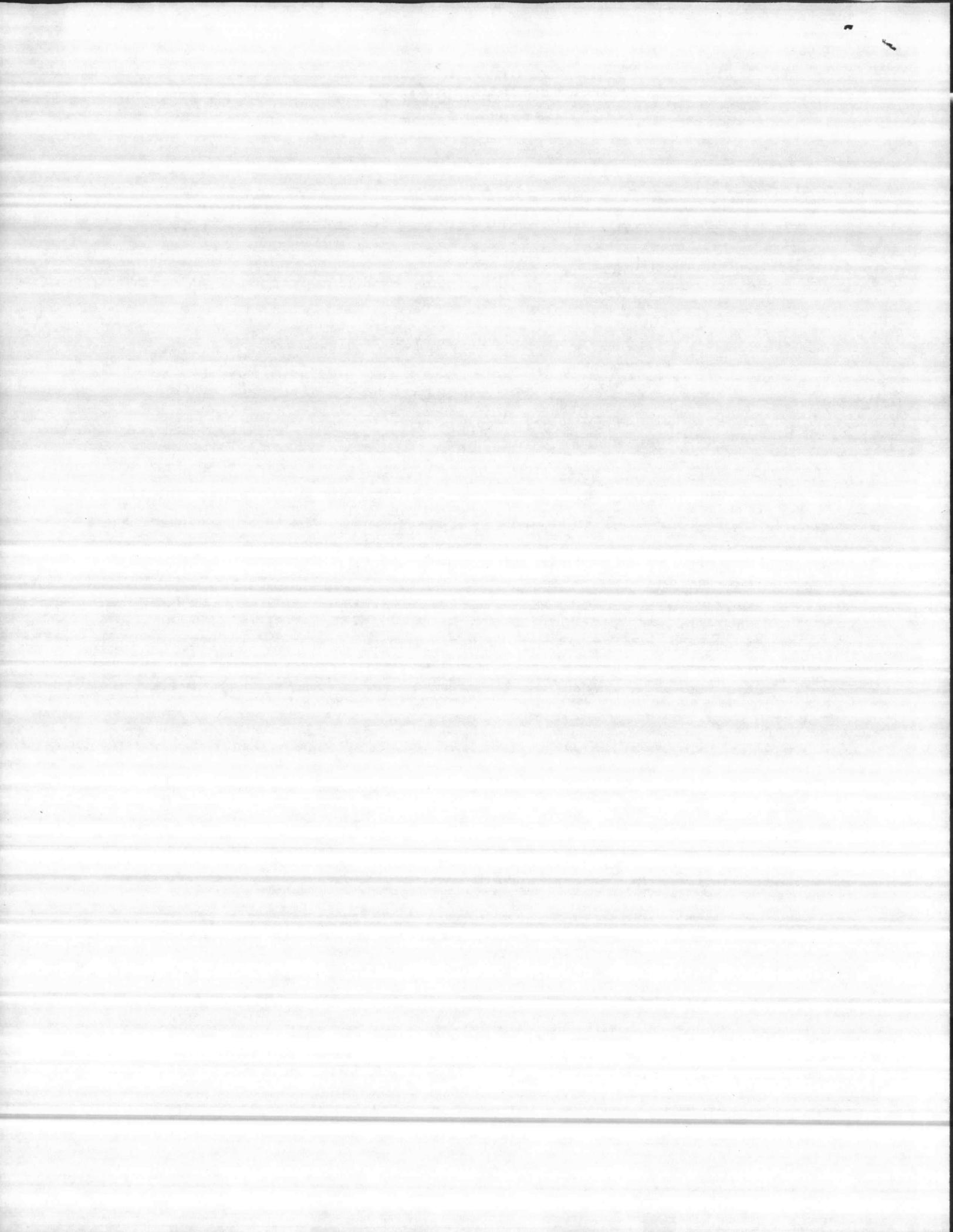


H. E. PHILLIPS
LCDR, MSC, USN
Medical Construction Liaison Officer

St-8 Rooms
" C222
" C249
" C254
" C258
" C265
" C265
" C268A
" C291
WE-6 C151

Brochures sent to CCE

*3 copies to CCE
1 copy to H/G*



ST-8

No steam or condensate piping to unit
in Room C254

No steam or condensate piping to unit
in Room C268 A

No condensate piping to unit in Room C291
Steam pressure to unit in C291 is only
15 psi of of PRV-5. 40 psi required.

Steam pressure to units in Rooms C222
~~and C~~ is 60 psi off PRV-205. Unit
requires 40-45 psi.

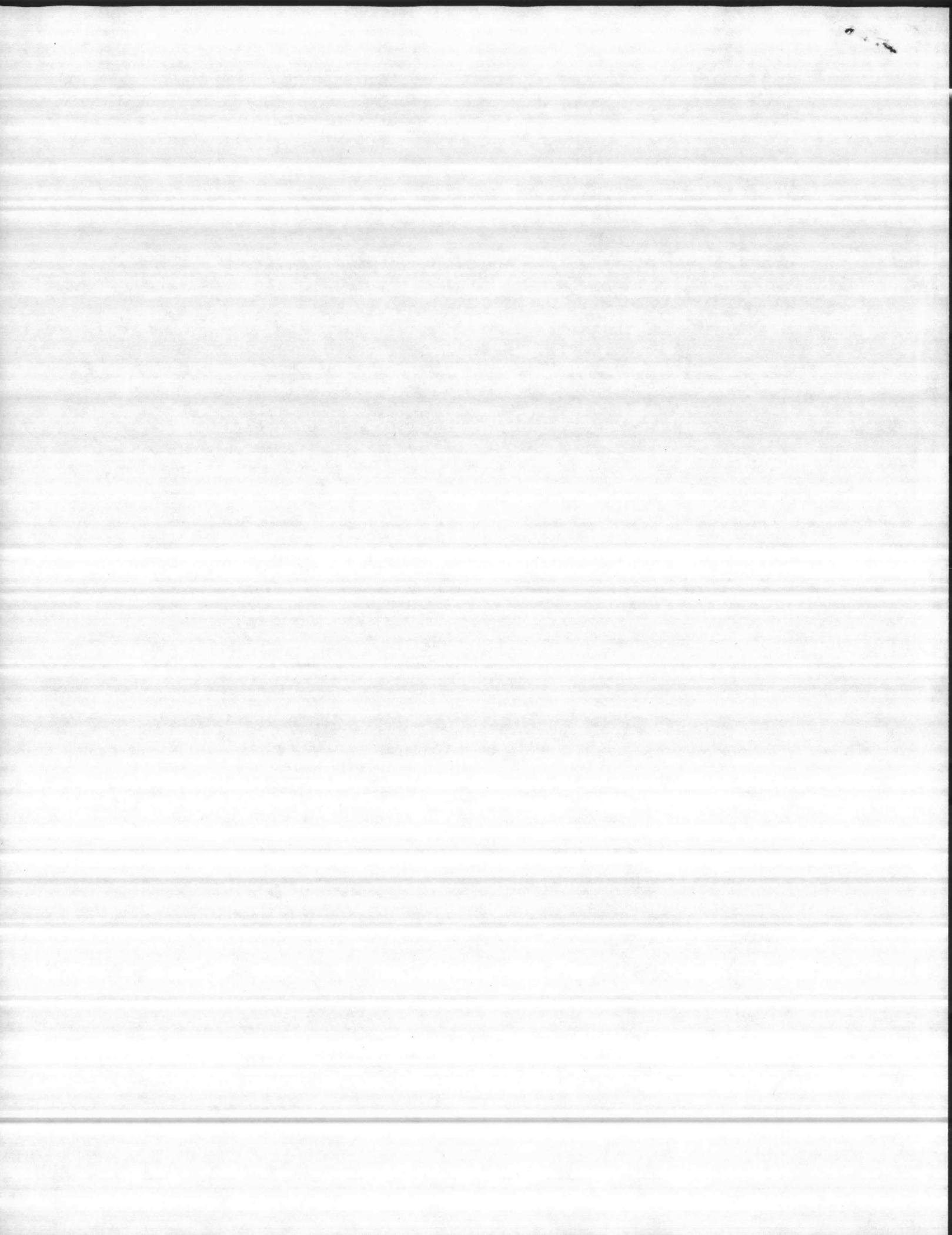
Contractor must provide power cords
from receptacle to terminal board
in unit. ~~§~~

Steam shutoff valves are required for
all units.

ST-8

EXIST. CONTR. — OUTLET RCPT @ 18" AFF

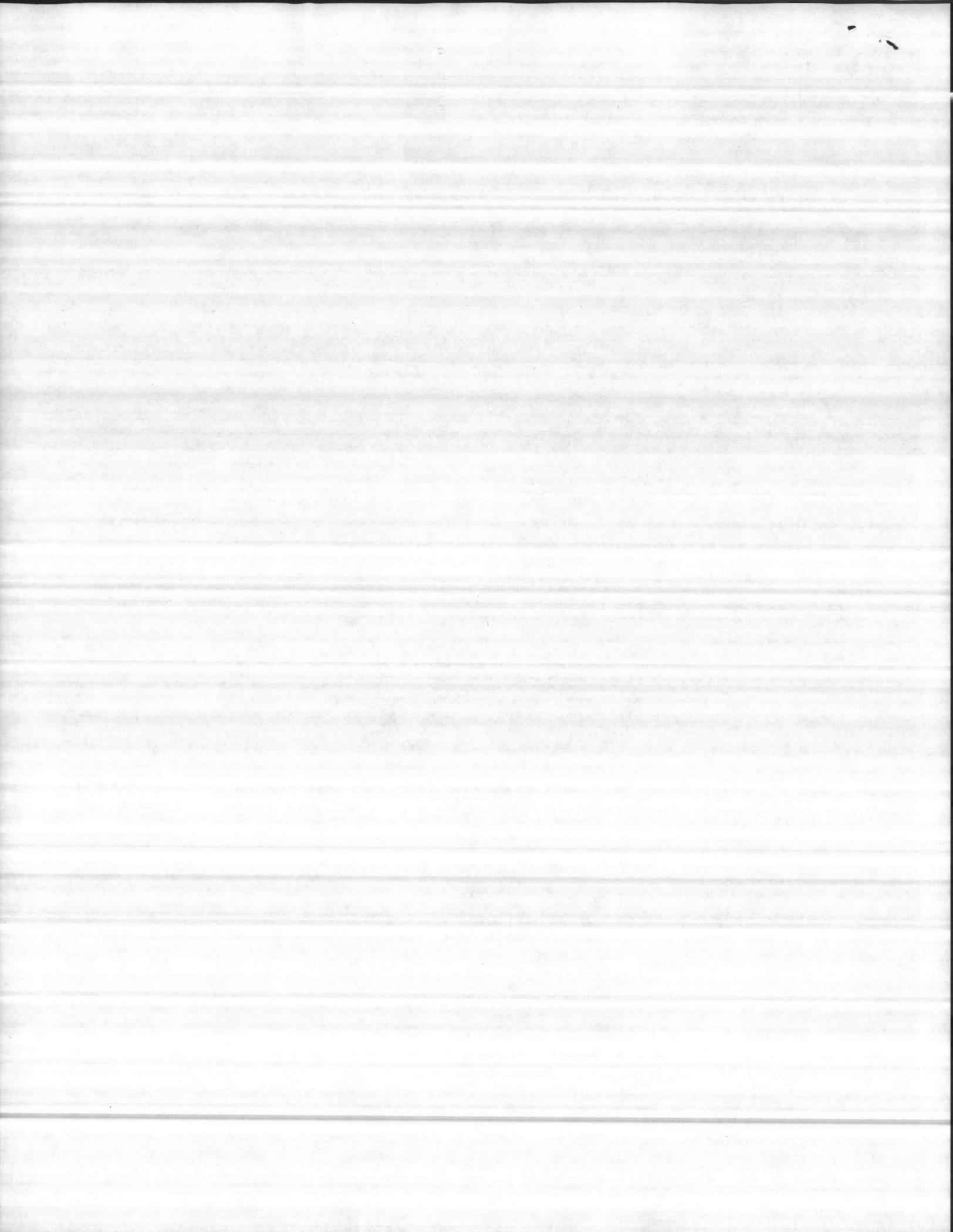
SHOP DWG — HARDWIRE CNX @ 5' - 10 5/16" AFF.



WE-6

1. Hot, cold, and ~~de~~ionized water stops required.
2. P-traps required for both units in waste line.
3. 120-140° hot water required for ultra-sonic unit. PWH supplied is only 110°.
4. Rinser dryer model requires 120-140° deionized water. We are only supplying cold deionized water.
5. Power cords, plug, & cap need for both cleaner and rinser.

EXIST CONTR - OUTLET. REPT @ 18" AFF
SHOP DWG - (2) HARDWIRE CONNEX.



DEPARTMENT OF THE NAVY
RESIDENT OFFICER IN CHARGE OF CONSTRUCTION
NAVAL REGIONAL MEDICAL CENTER
FIELD OFFICE
CAMP LEJEUNE, NC 28542

TELEPHONE NO.
353-3455

IN REPLY REFER TO:
JR:jj
N62470-77-C-7526

DEC 21 1979

Lockwood-Greene/Six Associates
A Joint Venture
Post Office Box 491
Spartanburg, South Carolina 29304

RE: Contract N62470-77-C-7526, 205
Bed Hospital, Naval Regional
Medical Center, Camp Lejeune,
North Carolina

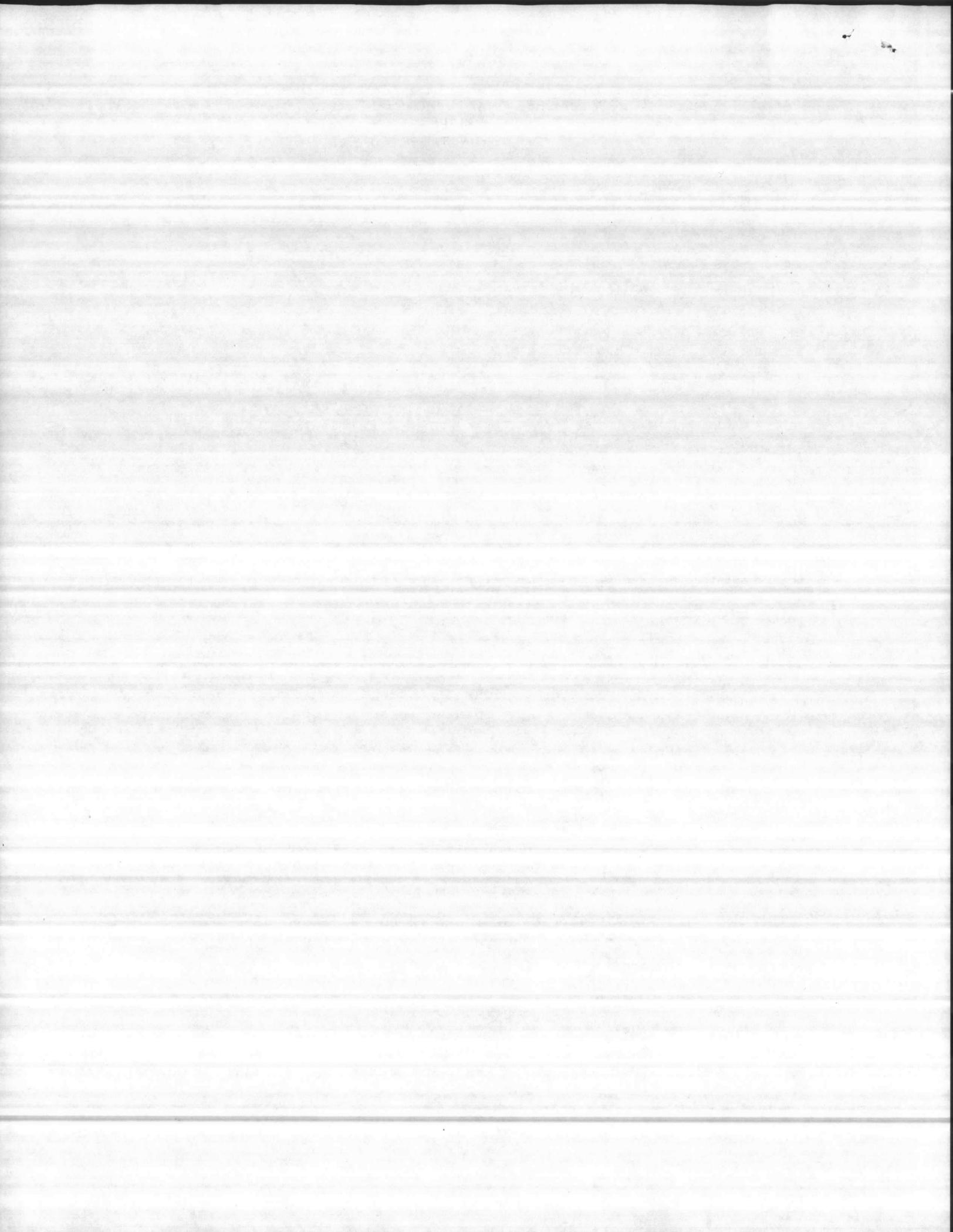
SUBJ: Rough-In of Government
Furnished Equipment

Gentlemen:

Enclosed, please find installation drawings for the ST-08 Blanket Warmer, and the WE-~~6~~⁶ Ultrasonic Cleaner/Rinser Dryer which are to be installed as Class E2 equipment on the subject job.

Our review of these submittals has brought to light the following problems:

1. There are no steam or condensate lines shown on the piping plans for the ST-08 units located in Rooms C254 and C268A.
2. The steam line going to the ST-08 unit in Room C291 comes off PRV-5, a 15 psi reducer. A minimum of 40 psi is required. Also, there is no condensate line coming from this unit.
3. The steam line going to the ST-08 unit in Room C222 comes off of PRV-205, a 60 psi reducer. Maximum allowable pressure is 45 psi.
4. The ultra-sonic portion of the WE-~~6~~⁶ unit in Room C151 requires 120-140°F hot water. The PWH system supplying the unit is a 110°F system.
5. The rinsers/dryer portion of the WE-~~6~~⁶ unit requires 120-140°F deionized water. Unit is now supplied with cold deionized water.
6. P-traps are required for both portions of the WE-~~6~~⁶ unit.



7. Shut off valves are required for all services to the eight ST-08 and the WE-~~8~~₆ units.
8. Power cords, plugs, and caps are required for all eight ST-08 and the WE-~~8~~₆ units.

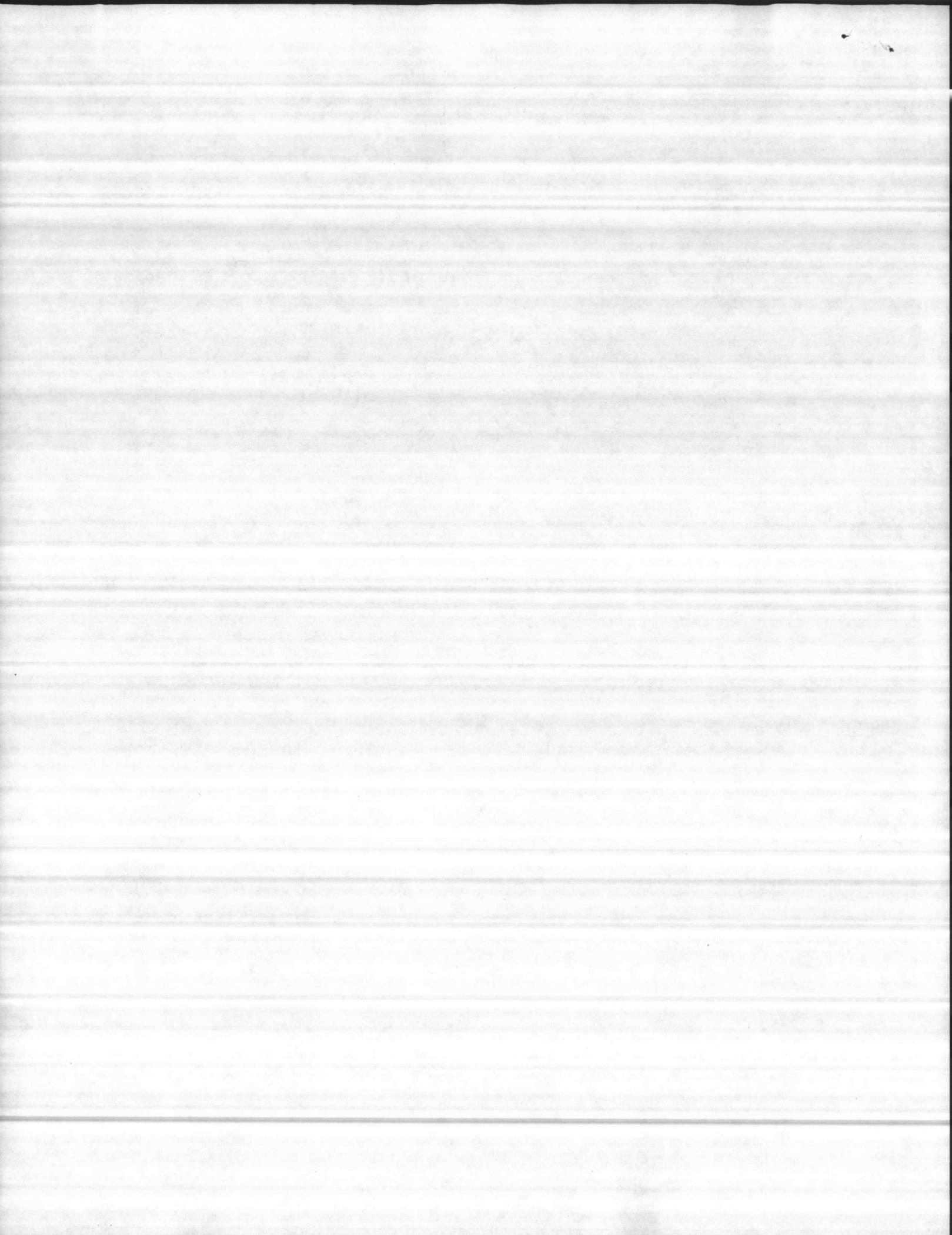
It is requested that you review the applicable plans and specifications, and make the changes necessary to enable proper installation of these pieces of equipment. Revised drawings should be provided to the Resident Officer in Charge of Construction, Naval Regional Medical Center by 10 January 1980. You may be considered liable for any additional costs incurred by the government due to rework or delays in construction due to the design omissions.

Sincerely,

R. E. CARLSON
LCDR, CEC, USN
Resident Officer in Charge of
Construction

Copy to: LANTDIV (Code 05)

Enclosures: (1) Castle 5510 Series Warming Cabinet (ST-08)
(2) Castle 7936 Sonic Cleaner (WE-~~8~~₆)
(3) Castle 7946 Rinser/Dryer (WE-~~8~~₆)
Gen. Corr.
Reading file
GFE file
Tickler file



DEPARTMENT OF THE NAVY
RESIDENT OFFICER IN CHARGE OF CONSTRUCTION
NAVAL REGIONAL MEDICAL CENTER
FIELD OFFICE
CAMP LEJEUNE, NC 28542

TELEPHONE NO.
353-3455

IN REPLY REFER TO:
JR:jj
N62470-77-C-7526

JAN 04 1980

Lockwood-Greene/Six Associates
A Joint Venture
Post Office Box 491
Spartanburg, South Carolina 29304

RE: Contract N62470-77-C-7526, 205
Bed Hospital, Naval Regional
Medical Center, Camp Lejeune,
North Carolina

SUBJ: Ultrasonic Washer (WE-6)

Gentlemen:

Our letter of 21 December 1979 listed a series of design problems with the subject piece of equipment. Recent information from the manufacturer, Castle Company, has shed more light on the problem. Specifically, they state that the rinser/dryer does not require deionized water, and that the washer and rinser/dryer will work effectively using 110° hot water as supplied by the building potable hot water system.

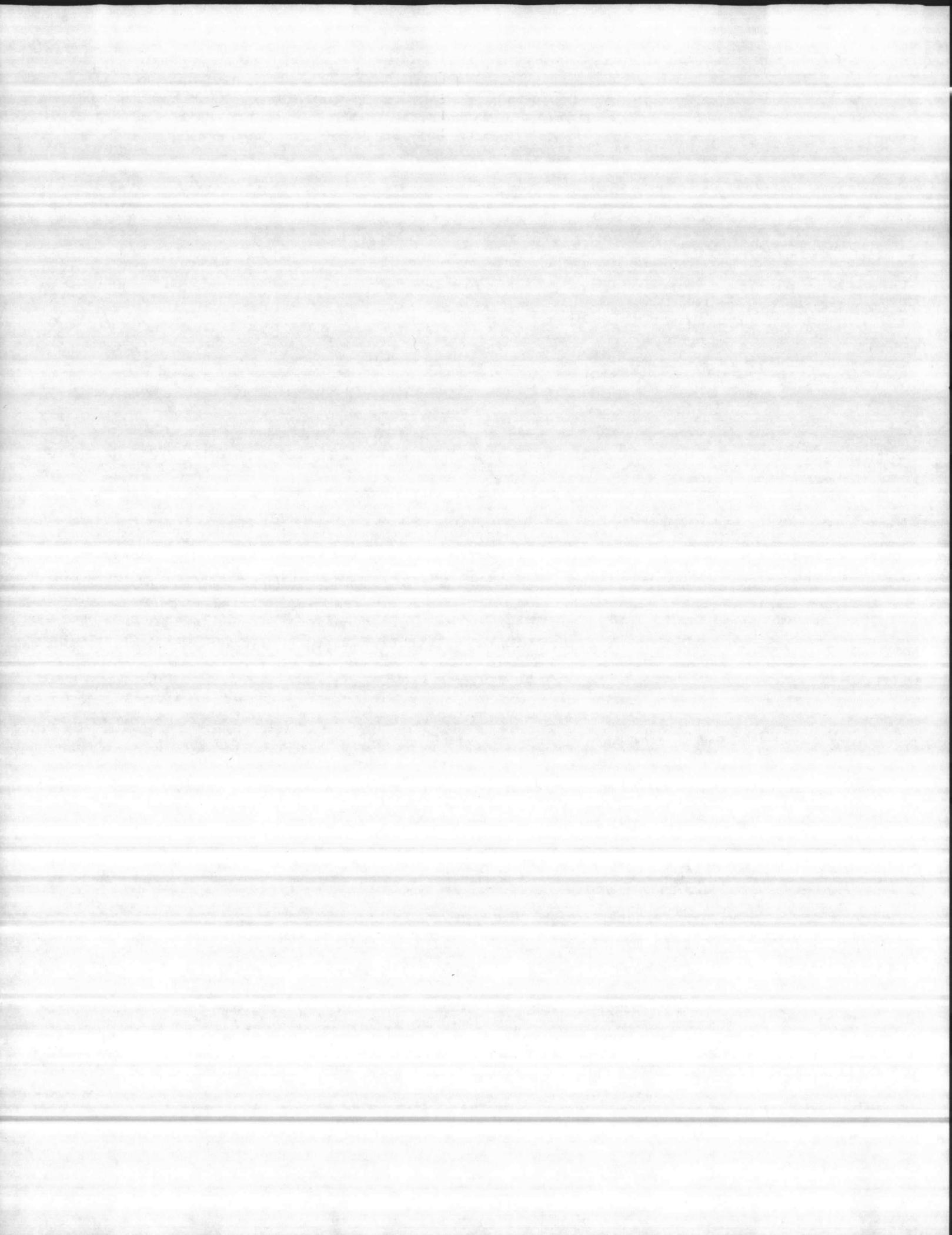
Please consider this information in your review of the subject equipment.

Sincerely,

R. D. COLEY
Assistant Resident Officer in Charge
of Construction

Copy to: LANTDIV (Code 05)

→ Gen. Corr.
GFE (E-2) file
Reading file



DEPARTMENT OF THE NAVY
RESIDENT OFFICER IN CHARGE OF CONSTRUCTION
NAVAL REGIONAL MEDICAL CENTER
FIELD OFFICE
CAMP LEJEUNE, NC 28542

TELEPHONE NO.
919-353-3455

IN REPLY REFER TO:
JR:jj
N62470-77-C-7526

JUN 20 1980

Cardinal Contracting Co., Inc.
Post Office Box 8408
Camp Lejeune, North Carolina 28542

RE: Contract N62470-77-C-7526, 205
Bed Hospital, Naval Regional
Medical Center, Camp Lejeune,
North Carolina

SUBJ: Dental X-ray Film Processor DE-7
RFP #123

Gentlemen:

Enclosed, please find three (3) copies of installation instructions for the DE-7 Film Processor described in Specification 11797-6.1. This is a Category "E-1" piece of equipment.

Since this piece of equipment is slightly different from the one specified, the following changes will be required to provide utility services:

"1. Provide 1/2" hot and cold water lines (PW & PWH) below the counter top. Provide a thermostatic mixing valve, capable of maintaining between 60° and 90° F. Locate mixing valve under processor. Outlet of mixing valve shall have a 3/4" hose connection.

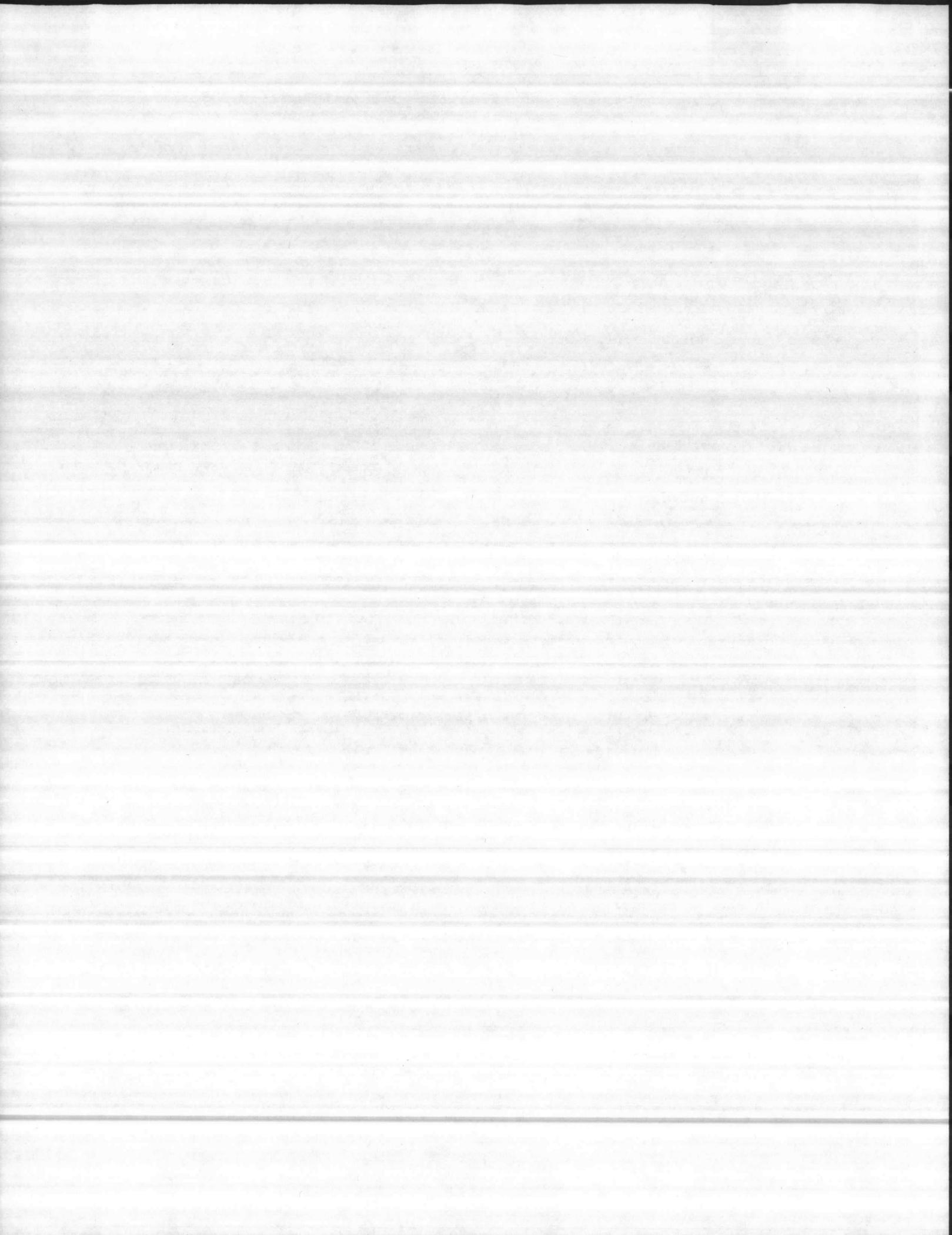
2. Provide 2" hub drain directly below the processor. Connect to 4" SS trunk line under Room W-234D."

Your cost proposal for accomplishing the above work should be forwarded to the Resident Officer in Charge of Construction, Naval Regional Medical Center in the near future. All correspondence relative to this request should reference RFP #123.

Sincerely,

R. D. COLEY
Assistant Resident Officer in Charge
of Construction

Encl: DE-7 Installation Manual (3 cys) Gen. Corr.
RFP #123
Copy to: LANTDIV (Code 05) w/o encl → MCLO "E-1" file
Lockwood-Greene w/o encl Reading file
Pending file



NAVAL REGIONAL MEDICAL CENTER

CAMP LEJEUNE, N. C. 28542

IN REPLY REFER TO:

MCLO:HEP:ca

18 Sep 1980

ET
equip

MEMORANDUM FOR THE RESIDENT OFFICER IN CHARGE OF CONSTRUCTION, NAVAL REGIONAL MEDICAL CENTER, CAMP LEJEUNE, NORTH CAROLINA 28542

Subj: Medical Equipment Item 59, Food Service Dishwasher

Ref: (a) Section 11400 of the Contract Specifications

1. Cardinal Contracting has recently submitted the subject equipment item (Transmittal No. 555B-556B), under reference (a), for the third time. Both previous submissions had been rejected by LANTDIV. We are particularly interested in this item due to Congressional interest generated by a competitor. It is, therefore, requested that the ROICC keep this office informed of the progress and/or problems of this submission through the review process. This information will be invaluable should further Congressional correspondence arise.

2. A review of the latest submission raises questions in two areas.

a. Which of the two water temperature boosters will be utilized on the final rinse tank?

b. Whether or not the submitted blower/dryer meets the "or equal" requirements of the Contract. Our review of the available information would lead us to believe that the dryer does not. As submitted, it would not appear that the manufacturer is even offering the small electric heater that is an option of the submitted unit. The purpose of this blower is the drying of plastic items.

H.E. Phillips

H.E. PHILLIPS
LCDR MSC USN

Medical Construction Liaison Officer



