

NAME &amp; DESCRIPTION

DATE REMOVED

DATE RETURNED

~~DISPENSARY RX PAASIOR DA. TERVO~~~~5-24-72~~

6-2-72

~~Short Drawings (Cards) Plants Recs for P. R. (C. R. R. R.)~~~~6-5-72~~~~Commonwealth Assoc. Studies Brochure (C. R. R. R.)~~~~6-9-72~~

6-21-72

~~H. Tremont Modern Partitions~~~~6-26-72~~

Report on industrial sites

Commonwealth Assoc. P. R.

10/16

(Rod Mooney)



*Puerto Rico*



*File  
Correspondence  
Hand*

COMMONWEALTH ASSOCIATES, INC.

1606 Ponce de León Avenue, Santurce, Puerto Rico • Phone: 725-9474 - Cable: Commonwealth

May 11, 1972

Mr. Allen W. Hanson  
Manager, Plant Engineering  
Safety and Security  
Digital Equipment Corp.  
146 Main Street  
Maynard, Massachusetts 01754

Dear Mr. Hanson:

I received today a proposition from Ramon Añeses co-owner of Site 2 (Aguadilla) generally as follows:

Size of Parcel: 50 acres.

Price: \$10,000 per acre.

Option to Purchase - Deposit of \$10,000 with seller to be credited to purchase price.

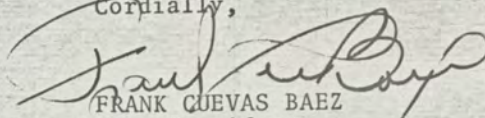
Term: Two (2) years.

Special Conditions - If option is not exercised within the first year their price goes up to \$12,000 per acre.

Forfeiture - Buyer to lose the \$10,000 deposit if option is not executed under the foregoing terms.

Mr. Añeses further stated that the Government has given assurance to install a 16" water pipeline up to the immediate vicinity of the site.

Cordially,

  
FRANK GUEVAS BAEZ  
Vice President

FCB:fm

REAL ESTATE BROKERS, DEVELOPERS AND CONSULTANTS



*Puerto Rico*

*Correspondence  
x2 land*

*CC  
R Carlson  
✓ file*

**digital**

January 4, 1972

Mr. Jared R. Nodelman, President  
Commonwealth Associates, Inc.  
1606 Ponce de Leon Avenue  
Santurce, Puerto Rico

Dear Mr. Nodelman:

Thank you for your letter of December 28, 1971. I have forwarded your proposal for land in Mayaguez to Mr. A. Hanson who is investigating various site alternatives in Puerto Rico toward the end that a decision can be made within the next three months. I am sure Mr. Hanson will be in contact with you if further information is required.

Thank you again for your courtesy in showing me the property on such short notice during my recent visit.

Yours truly,

David C. Knoll  
Manufacturing Manager

DCK: jkl

cc: ✓ Mr. A. Hanson  
Mr. L. Beaupre



*Puerto Rico*

*Correspondence  
XR Rand*

*CC  
File  
Ray Carlson*



COMMONWEALTH ASSOCIATES, INC.

1606 Ponce de León Avenue, Santurce, Puerto Rico • Phone: 725-9474 • Cable: Commonwealth

December 28, 1971

Mr. David C. Knoll  
Manufacturing Manager  
Digital Equipment Corporation  
146 Main Street  
Maynard, Massachusetts 01754

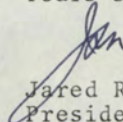
Dear Mr. Knoll:

Some time has passed since we met in Mayaguez regarding your possible interest in the purchase of a 100 acre tract belonging to Rexco Industries, Inc. to be used as a site for your proposed plant.

At that time I give you a proposal dated December 15, 1971, and I was wondering if you require any further information or would like to meet to discuss this further. I am free to meet with you either here in Puerto Rico or in Boston at your convenience.

Best wishes of the holiday season.

Yours sincerely,

  
Jared Robert Nodelman  
President

JRN:fm

cc: Mr. Lon Beaupre  
Mr. Allen W. Hanson ✓  
Mr. Henry Rexach  
Mr. Pedro Piquer



digital

~~832-3390~~  
832-3390  
832-3131

WRITE IT - Don't say it

TO:

~~832~~

833-0460 DEC

DATE:

TIME:

☐ FOR YOUR INFORMATION

☐ AS REQUESTED

☐ PLEASE FILE

☐ FOR YOUR COMMENTS

☐ PLEASE HANDLE

☐ PLEASE TAKE UP WITH ME

☐ FOR YOUR APPROVAL

☐ PLEASE RETURN

☐ PER PHONE CONVERSATION

Pilots name, Mayaguez.

Reubin Maldonado.

SIGNED:

DEPT:



*Correspondence  
Re: Air Conditioning Companies*

INSTALLATION OF AIR-CONDITIONING EQUIPMENT  
(information from Puerto Rico Economic Development Authority,  
Boston; Mr. Beandces Andrejs)

1. Americo Rodriguez, Jr.  
Division Industrial  
McKinley #2  
Mayaguez, Puerto Rico  
832-0103
2. Sanchez Benet  
Air-Conditioning, Inc.  
114 West McKinley  
Mayaguez, Puerto Rico  
832-2470
3. Edwardo Hilera, Inc.  
298 Fernandez Juncos  
San Juan, Puerto Rico  
723-8177
4. R. Lopez & Company  
163 Villa  
Ponce, Puerto Rico  
842-0271



PUERTO RICO DIRECTORY

Ramon M. Guzman & Assoc.  
Consulting Sanitary Engineers  
P.O. Box 1401  
Hato Rey, P.R.

789-5827  
722-5948

Julio C. Vazquez - Director (Travel & Telephone Problems)  
Department of Industrial Services  
Economic Development Administration  
G.P.O. Box 2350  
San Juan, Puerto Rico 00936

Contractor -  
Vanguard  
369 Lexington Ave.,  
New York, New York

Angel J. Colon  
Director Master Planning Dept.  
PRIDCO

Jorge Rivera Valentin & Assoc.  
Sanitary Engineers

Sadi Antongiorgi  
General Contractor - Pridco  
Box 528  
San German, Puerto Rico

892-1732

Victor Garcia  
Consulting Engineer  
504 Munoz Rivera, Hato Rey, P.R. 00918

764-6565

(Engineering concern working w/CDM on waste treatment permits)



PR Directory

11/5/71

725-6912

RAMON  
M. GUZMAN  
AND  
ASSOCIATES

CONSULTING SANITARY ENGINEERS

Suite 404, First Federal Building  
Stop 23, Ponce de León Avenue  
San Juan, Puerto Rico

P.O. Box 140, Hato Rey, Puerto Rico  
Telephones: 722-5245 - 785-5652  
Cable: CR1625A11

G. P. O. BOX 2350  
SAN JUAN, P. R. 00936

TELS. 767-4747  
EXT. 466

ANGEL J. COLON  
DIRECTOR, MASTER PLANNING DEPARTMENT

PLANNING OFFICE  
PUERTO RICO INDUSTRIAL DEV. CO.  
SAN JUAN, PUERTO RICO

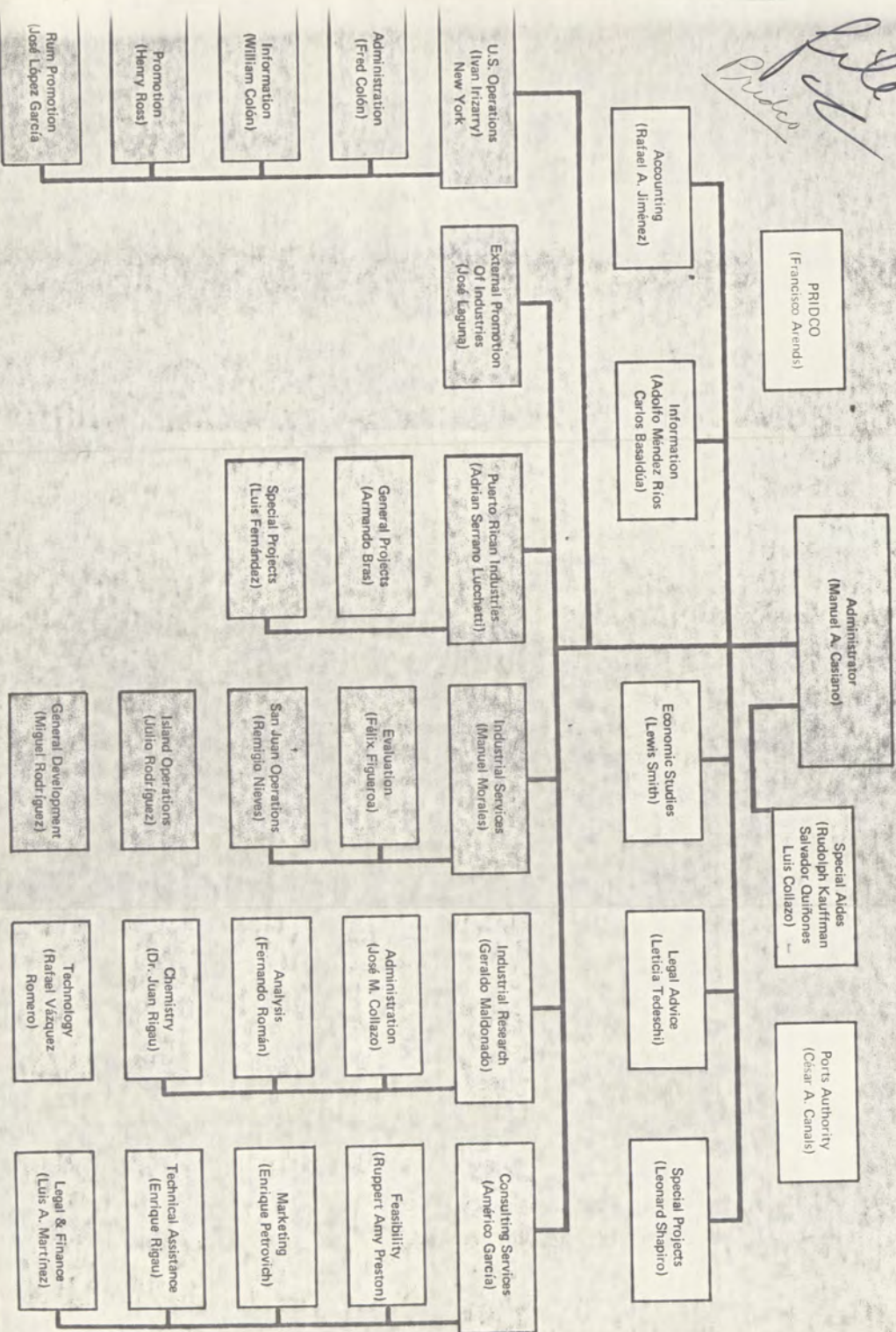


*Puerto Rico*

*Correspondence*

FOMENTO'S NEW ORGANIZATION CHART

*Pride*





11/22/72  
Al Hanson

PUERTO RICO  
CONTACTS

Jose Orsini	PRASA
Luis A. Garcia	PRASA
Enrique Martinez	PRIDCO
Owen Martinez	PRIDCO
Ramon Guzman	Consultant
Wilfredo Vivoni Executive director	PRASA
Hector Reichard	Attorney
William Reichard Vice President	Bank, Aguadilla
Rafael Hernandez-Colon (Former Secretary of Justice of PR)	Attorney



*Building Code T-778-66 Lot 14*  
*CC-492 T-881-67 finished July*  
*Lot 88*

Commonwealth of Puerto Rico  
Economic Development Administration  
G. P. O. Box 2350  
San Juan, Puerto Rico

Reinaldo Reyes  
Industrial Engineer

Telephone No. 767-4747

M. Sanchez Rivera  
President and General Manager

Esteban Davila  
Director - Department of Industrial Promotion

RCA de Puerto Rico Inc.  
Juncos, Puerto Rico.

Fred A. Daud  
General Manager

Mayo W. Bechtel  
Manager - Personnel Planning and Controls

Emilio Puigdollers, Jr.  
Manager, Engineering

Department of Industrial Promotion  
Economic Development Administration  
Commonwealth of Puerto Rico  
666 Fifth Avenue  
New York, New York 10019

Ramon Acevedo  
Director

Circle 5-1200

Mayaguez Hilton Hotel  
Mayaguez, Puerto Rico

832-7575

James Guzman  
Manager

Daniel J. Albino  
Executive Assistant Manager

Circuits Incorporated  
Juncos, Puerto Rico

Ralph Escivano  
General Manager



Contemporary Electronics  
4838 West 35th Street  
Mineapolis, Minnesota 55416

Russ W. Papenhausen

920-6444

Contemporary Electronics of P.R. Inc.  
P. O. Box 500  
Juncos, Puerto Rico 00666

Gilbert Hernandez

734-6191

ITT Caribbean Manufacturing Inc.  
P. O. Box 4008  
San Jose Station  
Rio Piedras, Puerto Rico

Harry Jock  
Manager  
Industrial Engineering

General Electric Industrial Controls  
Veja Alto, Puerto Rico

James McClea  
President

Hycor Company Inc.  
Box 398  
Vega Baja, Puerto

Thomas H. DeGracia  
General Manager

Stat-tran Inc.  
P. O. Box 567  
Bayamon, Puerto Rico

Wayne L. Ranslem  
Manager

788-1143

McConnell Valdes Kelley & Sifre  
G. P. O. Box 4225  
255 Ponce de Leon Avenue  
San Juan, Puerto Rico 00936

765-6655

Donald Hall - Labor Lawyer  
Robert S. Griggs



Statham Instruments, Inc.  
Urbanizacion Industrial Las Tres Monjitas  
Hato Rey, Puerto Rico 00919

766-1220

Glenn H. Sanders  
President

Sprague Plaston Company  
San German, Puerto Rico

892-1014

*Mr. Cunningham V.P.*  
Carlos J. Medina  
Plant Manager

University of Puerto Rico  
Mayaguez, Puerto Rico

Hiram H. Puig  
Director of Electrical Engineering

Carlos Marazzi  
Professor of Electrical Engineering

Banco Popular de Puerto Rico  
San Juan, Puerto Rico

765-9800

Hector Ledesma  
Second Vice President

Humberto Ramirez  
Asst. Head Loan Analysis Division

Arturo Torres Braschi

Commonwealth of Puerto Rico  
Economic Development Administration  
Continental Operation Branch  
McGraw Hill Building  
607 Boylston Street  
Boston, Massachusetts 02116

Mr. Andres Betances  
District Manager



PERSONNEL

The San Juan Star

782-2986

782-2957

El Mundo

767-8585

Economic Development Association  
San Juan, Puerto Rico

Marie Rodriquez Quetglas  
Personnel Placement Liason Officer

767-4747

Ext. 273

PLANT ENGINEERING

PRIDCO

San Juan, Puerto Rico

Jose A. Nunez  
Vice President Development

Mariano Mier  
Asst. V. P. Development

PLANT SETUP ASSISTANCE

Economic Development Association  
Industrial Services Department  
Calle 11 de Agosto #1209 Este  
Ensanche Cuevas  
Mayaguez, Puerto Rico

Miguel Juan \*  
Regional Director

832-0462

Contracts: Louis Gomez  
Assistant to Vice President Finance  
PRIDCO



Lord Electric Co., Inc.  
10 Rockefeller Plaza  
New York

Richard Covino

1-212-246-8000

Lord Electric Co. of Puerto Rico, Inc.  
Simon Madera Ave., Villa Prades  
G.P.O. Box 3408  
San Juan, P.R. 00936

767-4040

Ruben Velez Lebron (President)

Commonwealth of Puerto Rico  
Economic Development Administration  
Department of Industrial Services  
Box 746 Aguadilla, Puerto Rico

891-0704

Orlando Rosa Artau (Regional Representative)

Miguel Juan (Mike), Chief of Operations  
Wester Area  
Economic Development Adm.  
#209 East-Once de Agosto St.  
Mayaguez

832-0462

832-4512

Commonwealth of Puerto Rico  
Economic Development Administration  
Department of Industrial Services  
11 De Agosto 209 E  
Mayaguez, Puerto Rico

832-0462

Hugo Guzman Garcia  
(Regional Representative)



**digital**

November 22, 1972

Mr. Thomas J. Whalen  
Lancy Laboratories  
60 Connolly Parkway  
Hamden, Connecticut 06514

Dear Tom:

Enclosed please find a set of prints of our waste treatment plant in San German, Puerto Rico. I would like these back when you are through with them.

You'll notice that the equalization tank does contain a mixer! We're asking Puerto Rico to shut it off and sample the effluent to see its effect. The sedimentation basin supposedly contains three Neptune Microfloc settling tube modules, 2 feet wide by 10 feet long by 26 inches deep.

The drawings also show ammonium persulfate being used at this facility. We switched to sodium persulfate last week.

If you have any questions, please do not hesitate to call me.

Cordially yours,

*Bill*

William D. Krasnow  
Facilities Planning and  
Engineering

WDK/mm

CC: Gerry Lordi  
George Wood  
/ Central Files



*Puerto Rico*

*Correspondence*  
*XR Transformers*

February 16, 1972

Mr. John W. Mirsch  
General Electric Reconstruccion  
Industrial Corporation  
Ponce West Industrial Development  
P. O. Box 3332  
Ponce, Puerto Rico

Dear John:

Reference our conversation of Thursday, 2/10/72, in San German as to the cause and responsibility of the failure of our 1000 KVA transformer S/N - g 857907. John, my honest opinion and the opinion of the engineers that examined the transformer in your plant in Ponce was that the bad weld and open lead connection caused the failure, and being under a year's warranty, ~~we~~ <sup>we</sup> must place the full responsibility of cost on the General Electric Co.

Very truly yours,

Peter Mackey  
Plant Engineering

mca

cc: G. Bacon  
L. Beaupre  
G. Beebe  
A. Hanson  
✓ H. Quinones  
Central Files



**digital**

December 5, 1972

Mr. Wilfredo Vivoni  
Executive Director  
Acueductos  
P.O. Box 7066  
Barrio Obrero Station  
San Juan, Puerto Rico

Dear Mr. Vivoni:

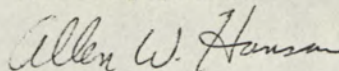
The Digital plant in San German is planning to add a second shift in the near future. This will probably increase our employment in the area from 800 to 1,200 people and will necessitate additional water supply to our plant.

We estimate that an additional 75,000 gallons will be required at this plant from approximately 4 P.M. to midnight. This water is necessary for both sanitary and process uses.

Our sanitary engineering consultant in Puerto Rico, Ramon Guzman, has advised me to direct an official request for more domestic water to service our plant in San German. I would appreciate you considering this letter as an official request for the additional water.

If we may be of any assistance or if you have any questions, please do not hesitate to contact myself or Mr. Quinones at our San German plant.

Cordially yours,



Allen W. Hanson  
Corporate Manager of  
Facilities Planning

AWH/rmm



*Puerto Rico*

*Correspondence  
XRT Pollution Control*

December 12, 1972

DEC-Puerto Rico  
P.O. Box 106  
San German, Puerto Rico 00753

Dear Hiram,

George Wood, Gerry Lordi, Bill Krasnow and I want to express our thanks for your cooperation in working out the waste treatment problems in Puerto Rico.

We all feel you have done an outstanding job in making the system functional.

Very sincerely yours,

A. W. Hanson

AH/gl

cc: R. Esten, G. Wood, G. Lordi, W. Krasnow

✓ Central Files



*Puerto Rico*

*Correspondence*

## BORDEN PUERTO RICO

DIVISION OF BORDEN INTERAMERICA, INC.  
G. P. O. BOX 4265, SAN JUAN, PUERTO RICO 00936



June 23, 1972

*cc Al mailed  
✓ file.*

Mr. George Ross  
Cunningham-Limp Co.  
1400 N. Woodward Ave.  
Birmingham, Michigan 48011

Dear George,

Thank you very much for sending me the album of photographs of the plant for our personal files.

It goes without saying that working closely with you for the 15 months we were on the building project was one of the most satisfying experiences that I have had in a long time. I was only sorry that you could not be here for the opening.

Please give my best to all of the people of Cunningham-Limp who cooperated so well on so many different details.

Sincerely,

BORDEN PUERTO RICO

Fred L. Kurr, Jr.

FLK/dcb

*Al: I hope this will help  
in your decision regarding  
the new facility in P.R.*

*Rep*



*Puerto Rico*

*Correspondence*  
*X R Land*  
*X R Plant Sites*

**ECONOTECH PUERTO RICO, INC.**

Chase Manhattan Building, Hato Rey, Puerto Rico 00918

February 17, 1972

Mr. Lawrence Baupre  
President and General Manager  
Digital Equipment Corporation  
P. O. Box 106  
San German, Puerto Rico

Dear Mr. Baupre:

I have heard that your firm is seeking a site between Arecibo and Aguadilla for a new plant location.

In this regard, I would like to advise you of a 49 acres site for sale on highway 485 (see attached map) @ \$3500, the owner of which we represent.

If this is of interest, we would like to arrange for the appropriate person in your firm to inspect the site.

Yours truly,

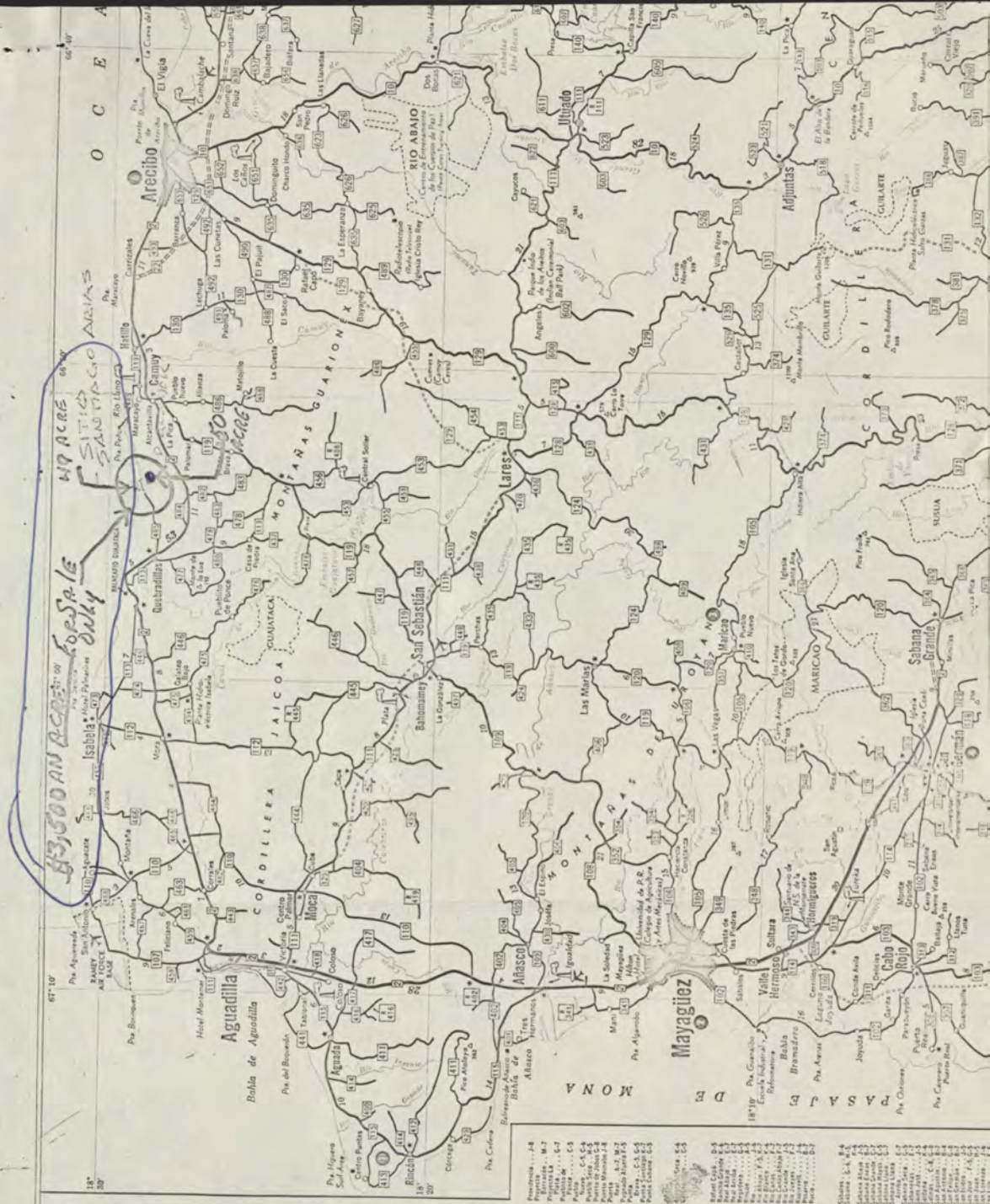
*Willard R. Hill*  
Willard R. Hill  
President

Enclosure



## CITIES AND TOWNS

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*Puerto Rico*  
**JOHN DORIS INTERNATIONAL, INC.**

*Correspondence*  
**ELECTRICAL CONTRACTORS**

60 E. 42 ST.

MURRAY HILL 2-4560

NEW YORK 17, NEW YORK

EDIFICIO DIAZ, CALLE ANDES

TEL. 766-8764

*X R Electrical*  
RIO PIEDRAS, PUERTO RICO 00926

July 2, 1971

Digital Equipment Corp:  
146 Main Street  
Maynard, Mass. 01754

Re: I-2645  
San German

Attention: Mr. Ray Carlson

Dear Sir:

I have received a copy of your 6-25-71 letter to Jack Stiassny. Since Mr. Stiassny is not in a position to reply directly concerning the job progress, he has asked me to do so.

- a) Purchase order P-R 1190 in the amount of \$18,000.00 arrived this office May 25, 1971.
- b) The work accomplished as of the 15th day of June consists of the installation of:

5000' of conduit  
17,000' of wire  
60 Lighting fixtures  
3 Light & power distribution panels  
1 150 KVA transformer  
20' 400 ampere bus duct with accessories  
105 Receptacle outlets  
44 Safety switches

Connection of all equipment shown on the drawings, with the exception of the items listed in our C.O. #3, 6-17-71.

Installation of all work described in C.O. #1, 6-3-71.

The project was 98% complete. It could not possibly be 100% complete because Digital had failed to install all the contract equipment.

- c) The panel in which was not tied in is PL4. Reference to dwg E-1 of the contract drawings does not indicate any special circuit requirements. The fact is that I hand carried to the project 20 assorted 2 and 3 pole breakers to accommodate equipment requirements. These were installed 5-16-71 and the panel closed up.
- d) We agreed to connect the office air conditioning units on the night of 6-16-71. There were two problems:
- 1) Digital failed to furnish this contractor with a control wiring diagram.

*F. Boyle had prints — I personally gave them to him.*



JOHN DORIS INTERNATIONAL, INC.

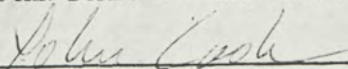
Digital Equipment Corp.  
Page -2-

July 2, 1971

- 2) The mechanical contractor had not completed the chilled water system to the units. Under these conditions it was a waste of our time to continue.
- e) Our agreement was to leave materials required to complete the project. Digital is not entitled to take possession of any overages.
- f) A review of our credit C.O. #3 indicates that we did not connect the fans, Dwg. E-5. Upon our arrival 6-19-71 to connect the air conditioning equipment. It was found that the work had been done by others.
- g) The relatively few short circuits on the branch wiring are strictly punch list items and have no serious merit. Had we completed the project this would have been corrected. On my visit to the jobsite, I personally checked all the panels and found no broken breakers. We do have knowledge that Digital's maintenance personnel, the other electrical contractor and the mechanical contractor have been tampering with this equipment.
- h) This contract was essentially complete on the day requested. The areas not complete involved around drawing errors which were being corrected or equipment that was not connected because Digital had failed to install same or had brought into the plant on the weekend. The caliber of the work is equal to or better than any other work presently installed in the plant. This contract has been unjustly terminated and we are not about to reduce our final contract price.

Very truly yours,

JOHN DORIS INTERNATIONAL, INC.

  
John Cook

JC:yh

cc: Mr. Jack Stiassny



AUG 17 REC'D



VICTOR M. GARCIA ASSOCIATES  
consulting engineers

August 6, 1971

Digital Equipment Corp.  
146 Main Street  
Maynard, Mass. 01754

Attention: Mr. Ray Carson

Dear Mr. Carson:

At your request we investigated a fire protection system for your manufacturing facility at San Germán, P.R.

The requirements to be met by this system were specified in Mr. R. Lawrence Best letter dated July 13, 1971.

In order to meet the specified conditions a ground level water steel reservoir with a pumping system is recommended. An elevated tank would require a minimum tank bottom elevation of 320 feet. The refilling of the elevated tank would have to be done by pumping since the water pressure at the feeding line is not sufficient. These conditions makes this system uneconomical.

With actual water supply conditions at the San Germán area it is not possible to meet the reservoir refill time specified. Further investigation would be required to determine the possible minimum refill time.



Digital Equipment Corp.  
Attention: Mr. Ray Carson

August 6, 1971  
Page 2

The total cost of the ground level reservoir and pumping system for a fire protection supply system meeting your requirements and assuming adequate soil bearing values is estimated at \$70,000. This figure could change depending on local conditions. On this basis, and applying the established Schedule of Fees of the Colegio de Ingenieros, Arquitectos y Agrimensores, engineering cost of this phase of the project would be around \$6650 for design and supervision of construction. An alternate method of establishing the engineering charges would be in a time basis as described in our proposal for general engineering services dated August 3, 1971. Either method is perfectly acceptable to us.

Looking forward to hearing from you, we remain,

Yours very truly,

VICTOR M. GARCIA ASSOCIATES

*Victor M. Garcia*  
Victor M. Garcia  
Director

VMG/lp

*O: L. Best*  
*cc: Ray Carlson*  
*Pete Mackey*



*Puerto Rico*

*Correspondence*

*X R Transformers*

 **GENERAL  ELECTRIC**

**GENERAL ELECTRIC  
RECONSTRUCCION  
INDUSTRIAL  
CORPORATION**

PONCE WEST INDUSTRIAL DEVELOPMENT, P. O. BOX 3332, PONCE, PUERTO RICO  
Phone (809) 843-4225

*File  
Ponce to Rico  
Phase I*

December 7, 1971

Digital Equipment Company  
Main Street  
Maynard, Mass.

Attention: Mr. Peter Mackey

Gentlemen:

As you know your San German transformer 1000 KVA, S/N G857907, 3 phase, 60 cycles, 4160/480/227 volts is presently in our shop, here in Ponce.

A joint inspection was made of this transformer after failure, to attempt to determine cause of failure. It was found that A & B legs of the transformer failed, which was confirmed by a ratio test.

C phase was tested and withstood all electrical tests applied, including ratio, megger, and high potential test.

Two approaches were presented for explanation of cause of failure of transformer. Our explanation was that the primary 14 KV line was subject to surges, possibly due to lightning strikes, which caused the flashing of the primary winding to ground. Subsequently, there was a failure of B coil welded connection to the bar. Your approach in explanation of the cause of failure was that the secondary connection failed first, which subsequently caused the primary winding to flash the ground.

In order to repair the transformer, we are going ahead with the replacement of two primary and secondary coils, phases A & B, as instructed by you. When this work is completed these two new replacement coils will be warranted for 1 year. However no warranty will apply to the existing C leg primary and secondary coils that were originally furnished by our factory Rome, Georgia.



(2)

December 7, 1971

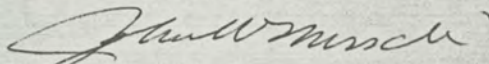
Attention: Mr. Peter Mackey

Our normal price to repair this transformer on a minimum schedule would be estimated at \$ 5,300.00, this price does not include air transportation of the coils to Ponce, P.R. from Rome, Georgia. The factory promise delivery for these coils is 5-6 weeks, with possible improvement. An additional 2-3 weeks would be estimated for transportation and installation of the coils on the transformer core lamination assembly.

Since the cause of failure of the transformer is in dispute, since it was impossible to accurately determine the cause of failure, we propose that the cost of repair be shared on a 50-50 basis. If you agree with this approach, our billing for these services to you would be at approximately \$ 2,650.00, plus 1/2 of the air transportation expenses of the transformer coils from Rome, Georgia to Ponce, P.R.

We hope that you decide to confirm that these terms of settlement are satisfactory.

Very truly yours,



John W. Mirsch  
Vice Pres. & Gen. Mgr.

JWM/er

cc: Mr. Villafaña



*Puerto Rico*

*correspondence*  
*XR Electrical*



GENERAL ELECTRIC  
RECONSTRUCCION  
INDUSTRIAL  
CORPORATION

PONCE WEST INDUSTRIAL DEVELOPMENT, P. O. BOX 3332, PONCE, PUERTO RICO  
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December 7, 1971

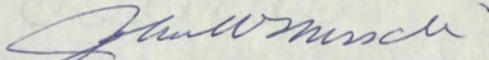
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Very truly yours,



John W. Mirsch  
Vice Pres. & Gen. Mgr.

JWM/er

cc: Mr. Villafaña



# Geological Services of Puerto Rico, Inc.

CONSULTING GEOLOGISTS

531-A Sergio Cuevas Bustamante St.

Hato Rey, Puerto Rico 00918



May 15, 1971

Mr. Ray Carlson  
Digital Equipment Corp.  
Plant Engineering Dept.  
146 Main Street  
Maynard, Mass. 001752

Dear Mr. Carlson:

As you requested in your letter of April 13, 1971, a geologic survey was conducted of the property where the Digital Equipment Corp. plant is located at San German, Puerto Rico in order to evaluate potential sites for a 300 gpm water well. The results of this study, pertinent information, and recommendations are discussed below:

## Local Geology

Highly weathered impermeable andesitic rocks outcrop at the plant site, and at both southern and northern fringes of the adjacent Guanajibo River Valley. This rock contains a very tight fracture (joint) system which allows little or no movement of the ground water. The andesitic layers are rather thick and the occurrence of permeable beds containing exploitable ground water resources is improbable.

## Ground Water Conditions

The possibility of developing a 300 gpm well in the andesitic rocks is very remote. The very tight joint system and low permeability characteristic of the rocks provide for hydrogeologically unimportant formations which at most can provide for only small quantities of water (10 gpm) or domestic wells.

A well at the General Electric plant which is producing between 60 and 75 gpm is located on the same type of formation, but its production is derived from intakes or percolation from adjacent creek through loose unconsolidated soils overlying the andesitic rock. Similar unfavorable conditions occur at the Digital's property without the recharge properties of the loose soils and the nearby creek. The property is too small for the construction of a battery of wells (series of wells).

## Potential Ground Water Source

The mayor nearby aquifer is the floodplain sediments of the Guanajibo River Valley which consist of 40 to 50 feet of unconsolidated gravel and sand mixture



with some silt and clay. Due to the high permeability of this deposit, the water moves easily through the pore space between grains of the sediments maintaining the soil saturated with ground water even during dry periods.

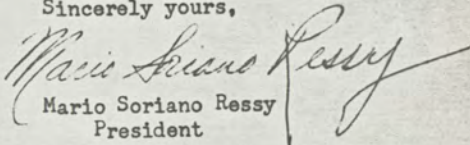
Approximately 250 meters east of Digital's property, a well may be drilled on a suitable formation capable of yielding at least 400 gpm of potable water during the rainy season and about 300 gpm during the dry season. Water obtained from this site has to be pumped to the plant area by a pipeline built through the property belonging to "Lore Aggregates" which is located adjacent to the Guanajibo River and next to a strip of sugar cane terrain belonging to Mr. Ernesto Quiñones Zambolín (See location map).

Inquiries made at the just mentioned properties revealed that both owners are flexible enough to allow for a lease contract to locate a well and built a pipeline through their properties. This possibility provides the best alternative to the construction of a water well in the area.

We would like to express our appreciation to Mr. Peter Mackey, Plant Manager of Digital Equipment Corporation for showing us the property and answering our inquiry during the field survey of the area.

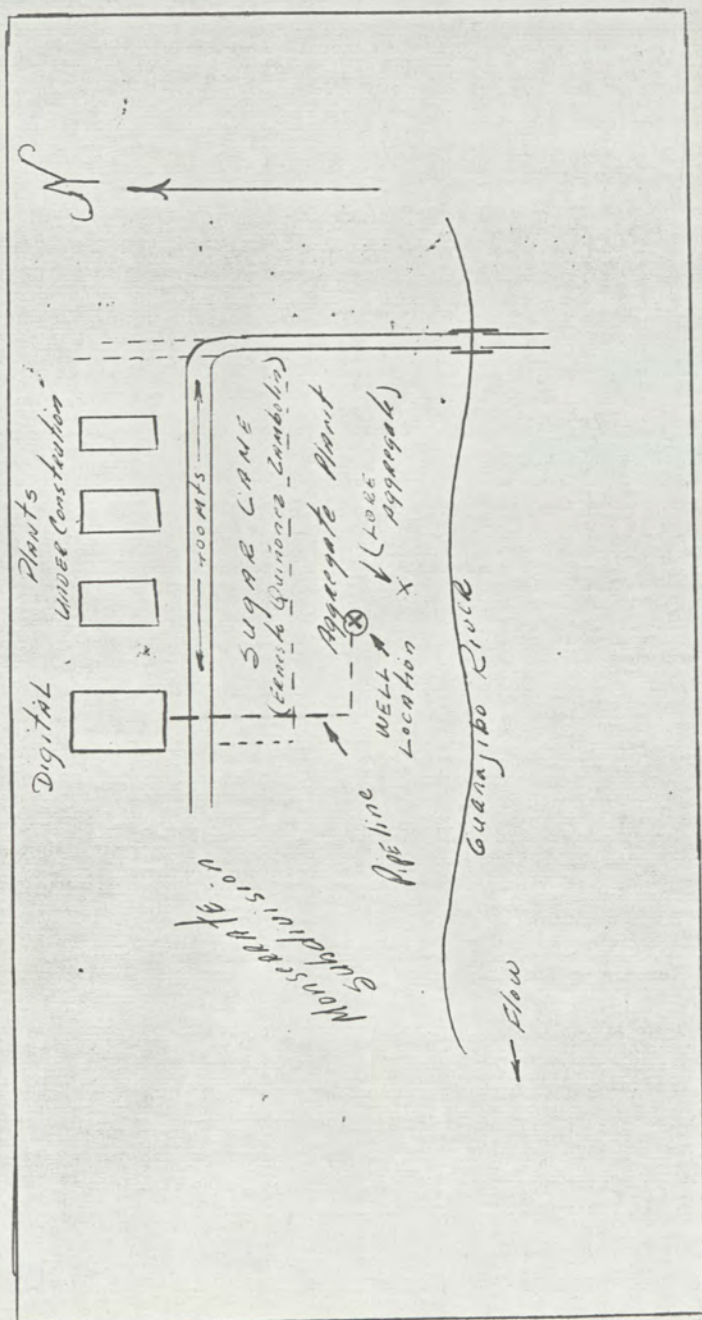
Please contact us, if you need any extra information or explanation of this report or any other doubts you may have concerned with this project.

Sincerely yours,

  
Mario Soriano Ressay  
President

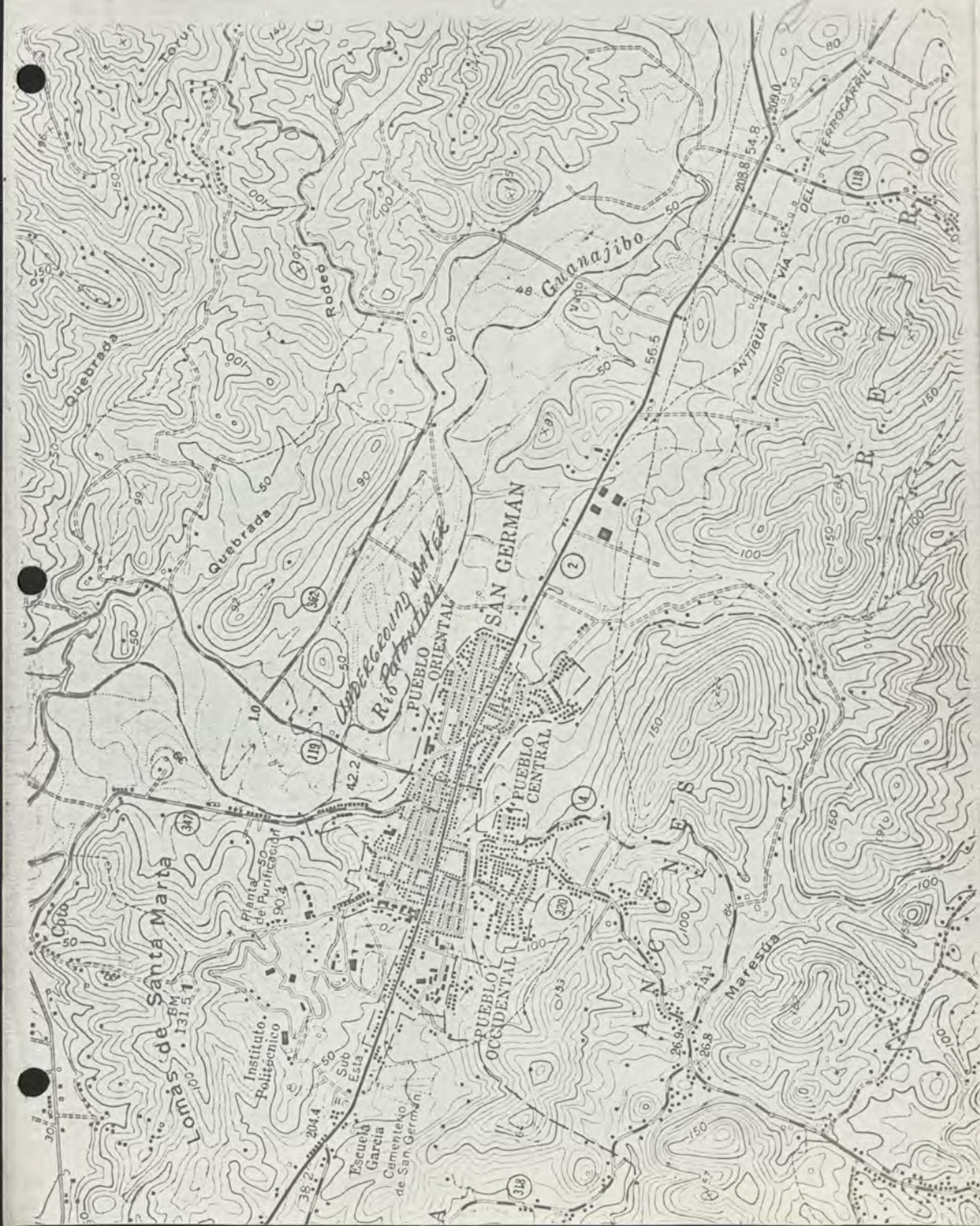


LOCATION MAP OF WELL SITE FOR DIGITAL EQUIPMENT CORPORATION





Route Masbey





*Puerto Rico*

*Correspondence*

## SKINNER CONSTRUCTION COMPANY

GENERAL CONTRACTORS

5A - LAS PALMAS

HATILLO - PUERTO RICO - 00659

PHONE - (809) - 878 - 1672

JUL 1 1971

June 23, 1971

*J. Carlson*

Digital Equipment Company  
146 Main Street  
Maynard, Massachusetts 01754

Attention: Mr. Allen W. Hansen  
Manager of Plant Engineering

Gentlemen:

Confirming the telephone conversation with the President, Mr. Charles R. Skinner, we are pleased to inform you that we have sent more information concerning Skinner Construction, General Contractors, under separate cover.

However, we would like to advise that our firm has been in Puerto Rico for over 5 (five) years and during this time we have developed an organization with a diversity in the Industrial and Agricultural Construction. In all phases such as Civil-, Structural-, Mechanical-, and Electrical contracting work. We enjoy good relations with local architects, consultants and government agencies. Our labor relations are excellent and having a diversified pool of skilled workers.

We can offer a complete package, eliminating a lot of problems for an owner, since he will be dealing with one company only. Our capabilities and performances - , are a record of on-time, on budget completion of projects in every conceivable type of construction.

Looking forward to receiving a set of blueprints concerning your project in San German, P. R. giving us the advantage of quoting the Electrical, Mechanical and Sprinkler Systems Subcontract work and thereby being of service to your firm.

Very truly yours,

*Jan M. Wouters*  
Jan M. Wouters  
Industrial Project Mgr.

JMW/ras

CC: Mr. Charles R. Skinner  
Industrial Const. Control Dept.  
Estimating Dept.  
File



LORD ELECTRIC COMPANY MAIN OFFICE: G.P.O. BOX 3408, SAN JUAN, PUERTO RICO 00936 • TEL. 767-4040  
OF PUERTO RICO, INC., PONCE OFFICE: P.O. BOX 3456, PONCE, PUERTO RICO 00731 • TEL. 843-2050  
MAYAGUEZ OFFICE: P.O. BOX 1089, MAYAGUEZ, PUERTO RICO 00708 • TEL. 832-7945

November 10, 1971

Sam P. Wallace Co. of P.R., Inc.  
P. O. Box 1669  
Hato Rey, Puerto Rico 00919

Att.: Eng. Angelo Pardo

Re: Emergency Generator  
Installation for Digital  
Equipment Corp.-Bldg.#4  
Our X-386

Gentlemen:

Our quotation to install a 565 KW/706 KVA stand-by emergency generator Caterpillar D348 is in the amount of Eight Thousand Five Hundred Twenty Nine Dollars (\$8,529.00).

The unit itself with all its accessories will be furnished F.O.B. jobsite by the Owner, Digital Equipment Corporation. We are assuming among those accessories:

- a. Batteries
- b. Day Tank
- c. Control Panel
- d. Main Breaker
- e. Muffler
- f. All indicator, gauges, instrument, etc.
- g. Start-up by factory or representative technician.

The units with all its accessories will be set in place and connected by us. We will furnish all mounting hardware.



November 10, 1971

Power electrical lines from generator to main breaker to load center switchboard, control lines, fuel, ventilation and exhaust lines and the 2,000 gallons fuel storage tank will be furnished, installed and connected by us. We are assuming that fuel storage tank will be installed within 50' of distance from the diesel motor.

We are buying the load center switchboard with provisions for the incoming lines of the generator and the required interlock mechanism.

The following civil works are not included:

1. Sheltering construction to protect the generator and accessories. (Generator will be installed outside and adjacent to the north-west lean-to.)
2. Concrete platform for generator.
3. Concrete underground fuel tank bed with anchoring provisions.
4. Excavation and sand backfill for underground fuel storage tank.

Cordially,

*Juan F. García*  
Juan F. García  
Vice-President  
Construction & Engineering

- a. Batteries  
b. Day Tank  
c. Control Panel  
d. Main Breaker  
e. Muffler  
f. All indicator, gauges, instrument, etc.  
g. Start-up by factory or representative technician
- Juan F. Garcia*  
Juan F. Garcia  
Vice-President  
Construction & Engineering
- JFG/im

cc.: Mr. Peter Mackey - Digital Equipment  
Mr. Luis Falto - Lord Mayaguez



September 21, 1971

Mr. Peter González  
Sam P. Wallace Co. of P.R., Inc.  
P. O. Box 1669  
Hato Rey, Puerto Rico 00919

1150 K.V.A.

Dear Peter:

This is a brief summary of the latest coordination agreements with Mr. Peter Mackie in relation with Building No. 4.

1. Indoor substation transformer will be furnished pyronoil filled instead of dry type. This we have found will reduce the forced air increased capacity from 25% to 15%.
2. Indoor substation will be furnished with ammeter, voltmeter and selector switch on the 480V side plus an additional ground bus and a set of lightning arresters.
3. We are going to proceed with the 38KV outdoor substation as a final decision. It is our responsibility now to coordinate with the Puerto Rico Water Resources Authority to have them start the construction of the line immediately at the lowest cost possible.
4. Final location for the 38 KV outdoor substation and the indoor substation will be showed in a new drawings to be sent to us in the very immediate future.



Mr. Peter González

-2-

September 21, 1971

Until then we would not be able to submit our outdoor substation drawings to Puerto Rico Water Resources Authority for evaluation and approval.

5. Above items 1, 2 and 4 will represent and increase to the maximum guaranteed price for the electrical work.

Mr. Peter González  
P.O. Box 1000, P.R., Inc.  
P.O. Box 1000  
San Juan, Puerto Rico 00919

Sincerely,

*Juan F. García*  
Juan F. García  
Vice-President  
Construction & Engineering

This is a brief summary of the information with Mr. Peter Mackie in collision with Building No. 4.  
JFG/im

cc.: Mr. Peter Mackie - Digital Equipment  
Mr. Greg Bacon - Digital Equipment  
Eng. Luis Falto - Lord - Mayaguez

1. Indoor substation transformer will be furnished with meter and selector switch on the 480V side plus an additional ground bus and a set of lightning arresters.
2. We are going to proceed with the 35KV outdoor substation as a final decision. It is our responsibility now to coordinate with the Puerto Rico Water Resources Authority to have them start the construction of the line immediately at the lowest cost possible.
3. Final decision for the 35 KV outdoor substation and the indoor substation will be shown in a new drawing as we tend to us in the very immediate future.



*Puerto Rico*

*Correspondence*

*RII*

*XX Contracts*

LORD ELECTRIC COMPANY OF PUERTO RICO, INC.,  
MAIN OFFICE: G.P.O. BOX 3408, SAN JUAN, PUERTO RICO 00938 • TEL. 787-4040  
PONCE OFFICE: P.O. BOX 3456, PONCE, PUERTO RICO 00731 • TEL. 843-2050  
MAYAGUEZ OFFICE: P.O. BOX 1089, MAYAGUEZ, PUERTO RICO 00708 • TEL. 832-7945

August 13, 1971

Digital Equipment Corp.,  
146 Main Street  
Maynard, Mass. 01754

Att.: Mr. Peter Mackie

Re: San Germán Building #4,  
Puerto Rico

Gentlemen:

Our based bid quotation for the electrical work to be performed on the above captioned project is in the amount of One Hundred Six Thousand Three Hundred Eighty Dollars (\$106,380.00).

This price is based on the following drawings:

- Power* E1 - dated 7-13-71 without revisions.  
*lights* E2 - dated 7-8-71 with revision #1  
*ER* E3 - dated 5-14-71 without revisions - *rec'd for receipt by only.*

We are excluding from the above quotation the following items:

1. Excise taxes.
2. 100A-3Ø-4W Busway with fittings.

In relation to the pump house, we are including the main secondary feeder up to the pump house terminated in a junction box. No other work included.

From our base bid, make the following deductions:

1. If Digital Equipment Corp. supplies the 1,000 KVA Substation, deduct \$16,000.00



August 13, 1971

2. If Digital Equipment Corp. supplies the 225 Amp.,  
3Ø-4W, 120/208V Busway with fittings, deduct \$4,000.00

As requested, the following are the Unit Prices:

a. To furnish and install:

- |   |           |
|---|-----------|
| 1 - 100 Amp.-3P-4W fusible floor operated<br>Busway plug unit   |           |
| 1 - 100 Amp.-3P-4W Cable tap box  |           |
| 1 - End closure strip   |           |
| 3 - 100 Amp.-250V D.E. fuses  | \$ 132.00 |
| b. Ditto as above but fusible switch to be<br>cover operated.   | 106.00    |
| c. Foot of 4 #3 THW in 1 1/2" EMT conduit   | 4.35      |
| d. For 10 ft. section of 100 Amp.-3Ø -4W<br>120/208V - Busway   | 60.00     |
| 1a. Ditto as <u>a</u> but Digital Equipment Corp.<br>supplies 100A-fusible floor operated switch,<br>cable tap box and end closure strip. | 29.00     |
| 1b. Ditto as <u>b</u> but Digital Equipment Corp.<br>supplies 100A-fusible cover operated switch,<br>cable tap box and end closure strip. | 29.00     |
| 1d. Ditto as <u>d</u> but Digital Equipment Corp.<br>supplies the 100 Amp.-3Ø-4W, 120/208V<br>10 ft. Section Busway with fittings.        | 24.00     |

Our quotation for the installation of 3,000 KVA  
3Ø-38KV Outdoor substation including Incoming  
Galvanized Structure, hardware and assuming  
existing 5 KV cable can be used is in the amount  
of Fifty Two Thousand Dollars (\$52,000.00)



Digital Equipment Corp.

-3-

August 13, 1971

If Digital Equipment Corp. supply the 3,000 KVA-  
3Ø-38KV Transformer, deduct from the above  
price Eight Thousand Dollars (\$18,000.00).

If you need any additional information, please call us.

Sincerely,

*Pedro J. Fernández*  
Pedro J. Fernández, P.E.  
Chief, Estimating Dept.

PJF/im



# DIGITAL :

a

12 UNITS COMPLETE SET, DUCT,  
TERMST. CONNECTIONS ON CONCRETE CURBS

75,186.10

b

LABOR TO SET, DUCT,  
TERMST CONNECTIONS ON CONCRETE CURBS  
(COMPLETE INSTALLATION OF YOUR UNITS

To include  
internal  
duct  
Not to  
include. (c)

25,800.00

(R)

EXTEN. of Discharge Duct  
w/ 4 grills per UNIT.  
USING THE RETURN THAT CARRIES  
SUPPLIES

4,803.00



DIGITAL AIR PIPING TO LOOP

BUILDING AS per PLAN P.R-1-4058-1/8 - J.  
REV. # 3

LABOR: Mat \$795<sup>00</sup>

Sprinkler and pump house &  
storage tanks - including diesel  
eng. and pump & jockey pump.

102,000



## ESTIMATE CORRECTION SHEET

Form 40-2 (Rev. 4-70)



DANIEL CONSTRUCTION COMPANY, INC.

BIRCH, MAYORS

MILLWRIGHTS

SHEET 1 OF 1

PROJECT NAME &amp; NO.

Digital Equip. Corp.

OFFICE

EXTENDED BY

1. OWNER

San German, P.R.

BID DATE 5/5/71

CHECKED BY

ON

Digital Equip. Corp.

FLOOR AREA

CEMENT FIN.

PAINTERS

ARCHITECT

UNIT COST

ELECTRICIANS

PIPEFITTERS

ESTIMATOR

INSULATORS

PLUMBERS

IRON WORKERS

SH. MTL. WORK

LABORERS

WELDER

LINE NO.	ITEM OR DESCRIPTION	IN ESTIMATE	NEW PRICE	MATERIAL		LABOR		SUB CONTRACTS & OTHER	
				ADD	DEDUCT	ADD	DEDUCT	ADD	DEDUCT
	<i>Brought Forward</i>								
32	HVAC Three-Wall a/c units	497.0	—	—	1550	—	—	450	—
	<i>Mechanical</i>								
37	Cooking Water Supply	543	—	—	195	—	—	853	—
38	Cooking Water Return	543	—	—	195	—	—	853	—
39	"T" Supply Piping	1060	—	—	346	—	—	714	—
40	"T" Return Piping	1324	—	—	440	—	—	884	—
42	Cooking Water Insulation	1514	—	—	458	—	—	856	—
44	Sanitary Plumbing	12303	—	—	7274	—	—	4029	—
45	O.S. Sanitary Sewer	2127	—	—	876	—	—	1553	—
47	Air drops & Vent Columns	6072	3036	—	717	—	—	2314	—
	<i>Cut sheet Totals</i>	30463	3036	—	15281	—	—	12151	—
			27132	—	15281	—	—	12151	—
	<i>Duals Totals est. 7/3/71</i>	37569.2	—	252241	—	81451	—	42200	—
	<i>— Cut sheet Totals</i>	27432	—	15251	—	12151	—	—	—
	<i>New Totals</i>	348260	—	236960	—	49500	—	42200	—
	<i>Add original inducts N°</i>	121761	—	15750	—	61711	—	44300	—
	<i>* New Sub Totals</i>	470021	—	252710	—	131011	—	86500	—
	<i>Fixed inducts (reductions)</i>								
29	Payroll Taxes & Inc 1225 x 14	74675	22599	—	—	—	—	2076	—
33	Inc. Bonus (10 Mtr.) 1/20 x 10	3541	3013	—	—	—	—	529	—
37	Insulation (10 Mtr.)	3541	3013	—	—	—	—	—	—
	Mandatory Deduct No. 44 4.5%	3665	3118	—	—	—	—	547	—
	Non & Depreciable Tools 1/10%	3258	2772	—	—	—	—	—	—
		38700	34515	—	—	—	—	3171	1
	<i>Sub total original Fixed inducts</i>			0	—	12556	—	37727	—
	<i>Less Sub total of reductions (5/5)</i>			0	—	3171	—	1176	—
	<i>** New F.I.T.</i>					9135	—	36733	—
	<i>New Sub Total</i>	470021	252710	—	—	131011	—	86300	—
	<i>* All New Fixed I.D.</i>	45265	0	—	—	3195	—	36733	—
		515286	252710	—	—	140176	—	123033	—
	<i>Eng Fee 6.5% x 515989</i>	33559	—	—	—	—	—	—	—
	<i>Eng Fee 10% x 515989</i>	51599	—	—	—	—	—	—	—
	<i>Total</i>	601147	—	—	—	—	—	—	—

ADD &amp; DEDUCT

CARRY FORWARD

ADD OR DEDUCT

TAX AND OR PAYROLL TAX &amp; INSURANCE

TOTALS

OTHER DEDUCT DEDUCTIONS

BLACK FIGURES DENOTE ADDITIONS

## SUMMARY

MATERIAL

LABOR

SUB CONTRACTS &amp; OTHER COSTS

TOTAL CORRECTION ☐ NET ADD ☐ NET DEDUCT



LORD ELECTRIC

S P WALLACE

DANIELS

Inside wiring  
Prints E1 E2

90380  
with DEC's TRANSFORMERS

110,000  
Generator  
53500 auto start

38KV System

34000 W.D.T

TOTAL 124380

TOTAL 110,000

Air Conditioning

12 units

75186

Discharge Bud 4803

TOTAL 79989

TOTAL 50069

Sprinklers + Fire Pump  
Print FP-1 Rev 0

TOTAL 162000

TOTAL 113439

Air Piping

TOTAL 795

TOTAL 6056  
Not estimating  
Same paint

LORD + WALLACE TOTAL  
307164

TOTAL 601,147

BUDGET EST



WATER ADEQUACY AT SAN GERMAN, P. R.  
(Information from Phil Wood)

Memo  
for water  
Supply

Existing Tank	625,000 gallons	— 69 ft
Proposed tank	500,000 gallons	(140)
<del>Present tank</del>	meter	
63 x 3.28 = 206 FT	63 ft. above plant	206 x .43 = 89 PSI
56 x 3.28 = 183 FT	56 ft. above plant	183 x .43 = 79 PSI
Proposed tank		

Static Pressure on 12" cast iron main—  
87 PSI

Under flow conditions 78 PSI  
(This is not based on present gage readings, but  
on previous readings)

Jaime Ojeda—Engineer of Water Department, San German, P. R.  
769-1090

Puerto Rico Water Resources Authority  
767-4040

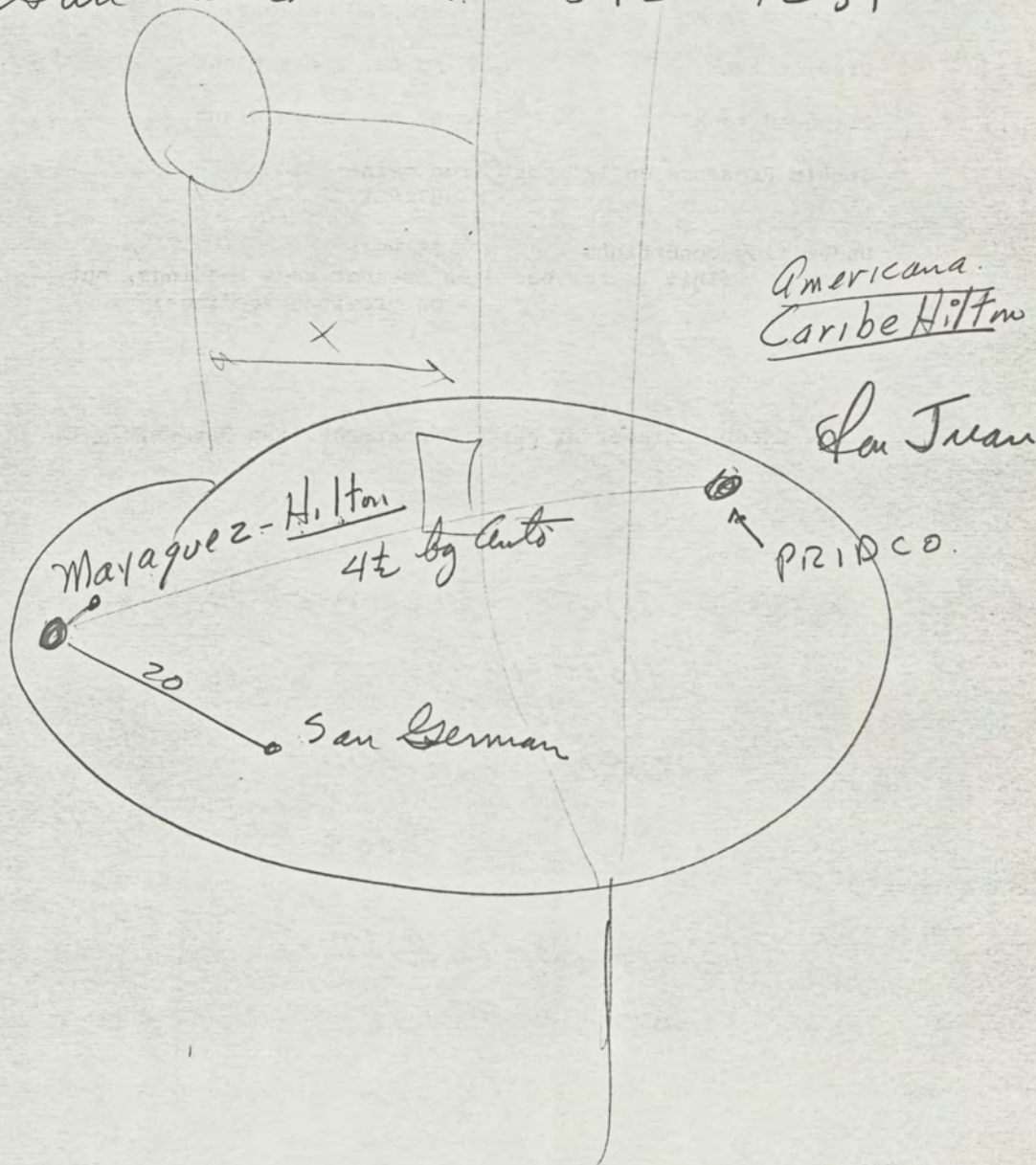
Mr ISIDRO Ramos - Power Sales  
Mr F. Mercado-Sago - Supervisor Sales  
106 Annex BLDG  
STOP #17  
San Ponce, P.R.

~~on dust~~ Test Kit  
for AW Hansen



Manager - Phil Wood.

San German. 892-1231





*File - Puerto Rico*

*Memo  
XR Generators (Re  
Installation)*

**digital**

# INTEROFFICE MEMORANDUM

DATE: May 12, 1970

SUBJECT: Generator Installation - Puerto Rico

TO: Al Hanson

FROM: Phil Wood

cc: Tom McC Donald  
Cy Kendrick  
Pete Mackey

1. The generator proposal for Puerto Rico looks good and I look forward to an early summer installation; the hurricane season blows in during June.
2. I have reviewed the performance of the line crews for the electric company in Puerto Rico and I am convinced that a major storm/disaster would create a situation to which the crews would not be able to respond very quickly.
3. Accordingly, it would seem that we should prepare to sustain ourselves for a two to three week period without outside power sources. Therefore, I am suggesting a two to three week fuel storage capability with the installation.
4. Is this practical in terms of storage containers, "shelf-life" of the fuel, and safety regulations, etc? If it is, may we plan the installation to include this?

Regards,



Phil  
PAW/cp



*Correspondence*  
*Re: Proposal*

FEB 23 1 48 PM '70

DIIITAL MAYN

VIA WUI  
DIGITAL MAYN

385439 DIGITALPR

2-23-70

TO AL HANSON  
DICK KINGN

FROM PHIL WOOD

PHIL WOOD REQUESTS P O TO COME FROM MAYNARD.

THE UNDERSIGNED PROPOSES TO FURNISH ALL LABOR, .TOOLS, AND EQUIPMENT TO COMPLETE THE FOLLOWING:

BLDG. 1

- 1- PAINT ONE COAT INSIDE AND OUT.
- 2- DEMOLISH AND REMOVE CONCRETE PAD AND ROOF AT REAR OF BUILDING.
- 3- REMOVE ALL ELECTRICAL FIXTURES AND OUTLETS EXCEPT THAT ORIGINALLY IN THE BLDG. UPON OCCUPATION OF THE BLDG. BY DIGITAL
- 3- REMOVE AL L AIR, WATER, ETC. LINES INSTALLED BY DIGITAL.
- \*\*  
5- INSTALL WINDOWS IN PLACE OF AIR CONDITIONERS. WINDOWS TO BE SUPPLIED BY DIGITAL.
- 6- PATCH ALL HOLES IN WALL AND FLOORS CREATED BY REMOVAL OF THE ABOVE EQUIPMENT.
- 7- TRANSPORT ALL DEBRIS AND LEFTOVERS TO DIGITALS NEW BLDG. OR DUMP.
- 8- REMOVE SIGN ON FRONT OF BLDG. AND TRANSPORT TO NEW BLDG.
- 9- USE SALVAGING ANY MATERIAL HANDLED BY US. (USE SALVAGING SHOULD BE US SALVAGING).

BLDG 2

- 1- SAME AS ITEMS 1 THRU 9 WITH THE EXCEPTION OF ITEM 8 AND THE ADDITION OF THE FOLLOWING ITEM.
- 2- REPAIR TO THREE (3) WINDOW TO BE INSTALLED

THE QUOTE PROPOSAL WILL BE DONE FOR THE SUM OF FOUR THOUSAND SEVEN HUNDRED (4,700.00) DOLLARS. ALL INVOICES WILL BE PAID IN FULL UPON SUBMISSION OR COMPLETION OF WORK TO 100 PER CENT. NO RETAINERS ARE TO BE HELD BACK.

THE CONTRACTOR AGREES TO CARRY FOND M DEL SEGURO DEL ESTAD M AS REQUIRED BY THE COMMONWEALTH GOVERNMENT.

ANTIWLES MASONARY CORP

W. KASEY

EOM  
MMM



~~Refurbishing Cntrs~~

What is the name and  
address of the Contractor  
who is going to refurbish

Alt # 1 to # 2

---

~~How~~ Do you want me to send  
P.O for \$1700 direct to him



memo

AL- Pls excuse the handwriting, but I finished this off in a hurry.....

**digital**

# INTEROFFICE MEMORANDUM

DATE: February 3, 1970

FILE

SUBJECT: Progress Report - Puerto Rico

TO: A. Hanson

FROM: Phil Wood

Puerto Rico Bldg 3 status as of 2/3/70:

Yanco Construction: 98% complete

- a. install railing middle of front stairs
- b. correct Toilet painting to conform to Bldg specs
- c. correct minor roof leaks
- d. install lavatory ventilation per Bldg change order less to #3
- e. install caps on driveway gate post
- f. correct driveway grade to prevent flooding after each rain.
- g. grading of land to south of building (debatable - ours or Yanco's)
- h. ~~fill in road where manhole was installed.~~
- h. general clean-up.

~~Die: Touch up painting in Bldg  
close and finish steel excavation~~

Lord Electric: 98% complete

- a. STRAIGHTEN LIGHTS AND CORRECT ~~THE~~ NON-LIGHTED FIXTURES
- b. COMPLETE ONE SECTION OF WORKBENCH RECEPTACLES
- c. COMPLETE EMERGENCY LIGHTING
- d. COMPLETE P.A. SYSTEM
- e. complete light fixtures outside doors
- f. CHECK OFFICE RECEPTACLE WIRING AND CORRECT MID-LENGTH SPLICES
- g. INSTALL FLOOD SWITCHES TRI DISCHARGE AND SCRUBBER DISCHARGE TANKS
- h. INSTALL MISCELLANEOUS COVERS ON CONDUIT JUNCTION BOXES
- i. DELIVER COMPLETE SET OF SPARE FUSES
- j. REPLACE SIDEWALK LIGHTING FIXTURE CLOSE BROKEN IN SHIPMENT.
- k. INSTALL NECESSARY WIRING/DISCONNECTS FOR COMPUTER/TESTER. DUE EARLY MARCH
- L. locate starter defect compressor - number two



Sam P. WALLACE: 99% complete

- d. COMPLETE SINK INSTALLATION WAVE SOLDER AREA
- b. COMPLETE DRY WELLS FOR DRAINAGE OF SINK AND EYE WASH
- c. COMPLETE PIPE INSULATION
- d. COMPLETE HEAD UNLOADER INSTALLATION AIR COMPRESSORS
- e. PROVIDE PROPER PIPE HANGERS THROUGHOUT BUILDING
- f. CORRECT ROOF LEAKS AROUND DUCTWORK WAVE SOLDER AREA.
- g. CORRECT ONE AIR LEAK COBLE MODULE AREA.

replace defective safety valve  
Compressor Number 2.

Viking:

99.9% complete

- a. provide DEC & PR with INSTRUCTION about system, maintenance,

#### REQUIRED TESTS

COLAZO: 98% complete

- a. INSTALL FILTERS ALL UNITS
- b. INSTALL THERMOSTATS ALL UNITS
- c. CORRECT WATER LEAK PROBLEM ALL ~~UNITS~~ WINDOW UNITS

3

DEC

PR:

- a. TOUCH-UP PAINTING THROUGHOUT BUILDING
- b. PROVIDE ASPHALT CLOSING OF STREET EXCAVATION
- c. LANDSCAPING
- d. GRADING OF LAND TO THE SOUTH OF THE BUILDING
- e. FINISH MASONARY WORK AROUND WALL PENETRATIONS
- f. INVESTIGATE PARKING LOT COSTS.
- g. INVESTIGATE MAINTENANCE CONTRACT FEASIBILITY SPRINKLER SYSTEM  
AND AIR CONDITIONERS
- h. complete telephone installation

DKing Return 10% from each  
vendor - until complete.



*Memo*

JAN 8 2 09 PM '70

DIGITAL MAYN

ITT G19:06  
DIGITAL MAYN

385439 DIGITALPR  
ZC PLANT ENGINEERING  
MSG 0003 1/8/70  
TO RHODA COBB  
FROM PHIL  
ESTIMATED TRICHLORETHYLENE USAGE IS 7200 GALLONSPER YEAR  
REGARDS  
PHIL  
EO  
END OR GA



*Puerto Rican Memos*

GOOD MORNING MAYNARD FROM A COOL CRISP ISLAND 10/28/69

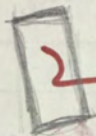
TO JAN WOUTERS  
FROM PHIL

JUST TALKED WITH K LORD ELECTRIC AND THEY FEEL THAT DELAY OF GETTING  
INTO BLDG TO 11/3 WILL NOT AFFECT COMPLETION OF 12/12 OR THEREABOUTS.  
GARCIA IS WORKING THE PROBLEM OF THE TRANSFORMER SINCE AS YOU MAY HAVE  
HEARD, GE IS HAVING LABOR DIFFICULTIES...SUGGEST YOU CONTACT HIM AND SEE  
IF THERE IS ANYTHING WE CAN DO FROM THAT END TO CHECK IT OUT  
OR CONFIRM DELIVERY

THANKS

PHIL *Wood*  
EOM





2u y ca (22/1E

ALL

~~SAWED~~ SAWED (e-e-n  
u w c v n,

2u Gu 12 u w n f

11-3x w v d f  
2. Y v n x

Other Message  
10/27



digital

WRITE IT - Don't say it

MEMO TO \_\_\_\_\_ DATE \_\_\_\_\_

(1)  
(2) D.K. 9-2 1/2 6

J. W. Williams  
R. Williams

The

324-5030



TO JAN WOUTERS  
FROM PHIL *Wood*

10/28

*Puerto Rican Herald*

CONTACTED OFFICE OF FELIPE RODRIGUEZ AND CERTIFICATES WERE  
ISSUED INCLUDING PRIDCO AND MEIRI INDICATING LIABILITY COVERAGE IN EFFECT  
YTHNG LOOKS OK AS **far as insurance**  
WORK PROGRESSING WELL ON FLOORS AND SHOULD HAVE ALW BUT  
ONENSLAB COMPLETE BY **END OF WEEK**  
PLS ADVISE ARRIVAL AND ANY ARRANGEMENTS YOU WANT MADE  
THANKS  
PHIL  
EOM



Autopicon Memo Rhoda

2379  
OCT 17 1969

TO JAN WOUTERS  
FROM PHIL *Wood*

YESTERDAY I VISITED BLDG THREE AND I SUGGEST YOU HAVE A CHAT WITH ED SCHWARTZ AND DISCUSS THE BEST MEANS FOR GETTING YANCO OFF THEIR DUFFS AND GOING ON THE FLOOR.

ALSO RECEIVED YOUR NEWEST PAD PRINT AND FORWAGDED TO YANCO WITH COVER LETTER REQUEST YOU FOLLOW UP WITH YANEZ, THE PRESIDENT NEXT MONDAY 10/20 TO SEE THAT HE GOT IT AND TO WORK HIM OVER ON PRICE.

REGARDS  
PHIL  
EOM



digital

P.R.

Puerto Rican Memos  
XR Insurance

WRITE IT - Don't say it

MEMO TO

Jan Wauters

DATE

10/16/69

For the new building insurance - amounts to  
be insured:

Fire - \$238,000

Wind storm - \$146,000

Earthquake - \$167,000

Public Liability - \$25,000/50,000/5,000

~~Alma~~

Phil Wood



TO JAN

FROM PHIL

*Wood*

OCT 15 1969

2379

*Puerto Rican Memo*

I AM GOING WITH THE PHONE COMPANY THIS WEEK AND I WILL TRY DESPERATELY TO HAVE A PHONE HOOKED UP NOT LATER THAN 11/24. WILL LET YOU KNOW HOW WE MAKE OUT. PHONES ARE DEARER HERE THAN GOLD...AM GOING TO HAVE TO REALLY PULL OUT TWO STOPS.

DOES ED SCHWARTZ HAVE THE INSURANCE REQUIREMENTS TO COVER THE NEW ONE?  
I JUST RECEIVED A LETTER FROM PRIDCO STATING INSURANCE REQUIREMENTS.9

CA■

APPARENTLY YOU WENT TOO HIGH AT PRIDCO FOR PAD APPROVAL. THE LOCAL OFFICE TELLS ME THAT THE PAD IS OK AND WE CAN GO ANYTIME...I ASKED FOR LETTER CONFIRMATION OF THIS.

REGARDS

PHIL

EOM



*Puerto Rican Memo*

TO JAN

2379

OCT 14 1969

FROM PHIL *Wood*

I HAVE A MEETING THIS AFTERNOON WITH REGIONAL DIRECTOR  
OF PRIDCO IN MAYAGUEZ AREA AND I WILL MAKE SURE NOTHING  
FURTHER REQUIRED OTHER THAN INSURANCE. IN OUR OTHER BUILDINGS WE  
HAVE HAD TO GET A PARTIAL OCCUPANCY PERMIT, BUT IF IT IS NECESSARY, I  
WILL HANDLE IT FROM HERE.  
I WILL LET THIS GUY KNOW YOU ARE DEALING WITH MEIR SO HE CAN CONFIRM WITH  
HIM.  
VILL ADVISE KOLLAZO ABOUT MAGAZINE ARTICLE  
THANKS  
PHIL  
EOM K



Puerto Rican Memos

TO JAN WOUTERS ✓  
FROM PHIL  
CC CY

OCT 6 1969

I HAVE PROCEEDED WITH ARRANGEMENTS FOR MEETINGS, BASED ON YOUR ARRIVAL WEDNESDAY. YOU WILL MEET WITH LORD, COLLAZO, SAM WALLACE, AND VIKING ON THURSDAY. I HAVE NOT BEEN ABLE TO GET IN TOUCH WITH YANCO REP YET, ? 75 CORRECTION BUT I WILL DO SO TODAY AND ADVISE MOETINGMMMM I SUSPECT WE WILL WORK FOR FRIDAY MEETING WITH YANCO. I ADVISED EACH THAT THIS WOD BE A MEETING DURING WHICH THEY COULD INFORM YOU OF STATUS AND REVIEW ANY PROBLEMS EACH MIGHT FORESEE AND THAT YOU MIGHT BE BRINGING ANY LAST-MINUTE CHANGES.

PLS ADVISE ARRIVAL TIME MAYAGUEZ AND I WILL MEET YOU AT THE AIRPORT.

REGARDS

PHIL Wood

EOM



PRIDCO  
Yanco

Building completion  
Equipment pad  
When sub-contractor can move in

S.J.

Aqueduct Authority

Connection into main system  
Make arrangement for sprinklers

S.J.

Mediavilla & Sons  
(Riggers)

discuss moving old plant into new

✓ S. P. Wallace

Mr. Gonzales

Collazo

Air conditioning

Lord Electric

~~Mr. Dick Davis~~  
Juan Garcia

Rick Case

Viking  
JAVIS JENKINS

FIA & FM

104 DEL RIO STREET

SANTURCE -

722-3995

PLANT 2A - for Storage

Hot Water

Sea-land trailer  
rented -  
dock height too low, no  
handling possible.



TO JAN WOUTERS  
CC CY

SEP 22 1969

*Pinto Rican Memo.*

AL HANSON  
FROM PHIL *Wood*

2379

INTERIOR GRADING FOR THE FLOOR I N BLDG THREE IS ABOUT COMPLETE AND  
THEY HAVE COMMENCED SETTING UP FORMS FOR POURING AND FINE GRADING THE  
FIRST 30X30 SECTION. THEY APPEAR TO BE LATE IN STARTING, SO I WILL  
WATCH PROGRESS THIS WEEK AND ADVISE.

REGARDS

PHIL *Wood*  
EOM



2379

8/21/69.

Puerto Rican Memos

TO JAN WOUTERS  
FROM PHIL Wood

I HAVE VISITED THE SITE OF BLDG THREE AND WAS UNABLE TO TALK WITH EITHER THE PRIDCO INSPECTOR OR THE PROJECT SUPV FRO M YANCO. BY MY ROUGH GUESS AND THAT IS VERRY ROUGH, THE FLOOR SHOULD START WITHIN THREE WEEKS AND BE COMPLETE WITHIN SIX WEEKS. I WILL ADVISE WHEN I CAN GET A FIRMER DATE..LATER THIS WEEK.

I HAVE LOOKED INTO THE SPRINKLER BUSINESS AND I STRIONGLY URGE THAT WE NEGOTIATE THE SPRINKLER CONTRACT SUCH THAT THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE TAP IN THE TWELVE INCH MAIN AND RUNNING THE TEN INCH BACK ALONG THE BUILDING. PLEASE GIVE ME A RING IF THIS POSES ANY SERIOUS PROBLEMS OR IS NOT CLERR

REGARDS  
PHIL  
EOM



TO AL HANSON  
CC JAN WOUTERS  
CY

2379

AUG 20 1969

*Puerto Rico Memo*  
*XR Air Conditioning*

FROM PHIL  
COLLAZO AIR CONDITIONING HAS TAKEN RECEIPT OF THE FOURTEEN ROOFTOP  
AIR CONDITIONING UNITS. THEY WERE RECEIVED IN MAYAGUEZ YESTERDAY.

REGARDS

PHIL *Wood*

EOM



TO JAN WOUTERS  
FROM PHIL *Wood*

AUG 19 1969

2379

*Directo Rican Helmas*

WE ARE EXPERIENCING A DELUGE SOMETHING LIKE THE ONE WHICH INSPIRED THE ARK.

WILL ADVISE AS SOON AS WE CAN GET ALL ACCOMPLISHED OR AS SOON AS EACH ITEM RESOLVED.

DO NOT UNDERSTAND PERMISSION TO TIE INTO THE 12 INCH MAIN. BY THAT DO YOU MEAN FOR USE IN THE SPRINKLER SYSTEM? IF SO, I SUSPECT THAT THE AUTHORIZATION WILL HAVE TO COME FROM THE CENTRAL OFFICE IN SAN JUAN AND I BELIEVE AL RECENTLY WROTE THEM AND IS AWAITING A RESPONSE. IN ANY CASE, AND ADVISE WHAT ~~TYPE~~ IS REQUIRED TO GET IT DONE.

WITH REGARD TO THE EQUIPMENT PAD, I BELIEVE WE MUST SUBMIT A DESIGN FOR APPROVAL BY FOMENTO BEFORE WE PROCEED. REQUEST YOU SEND A COPY OF THE PRINTS INCLUDING AN ELEVATION, SO I CAN TRY TO RUN IT THRU FOMENTO.

REGARDS  
PHIL  
EOM



AUG 12 1969

TO JAN WOUTERS  
FROM PHIL *Wood*

RECEIVED THE COMPRESSOR 8Y AND MADE ALL ARRANGEMENTS FOR THE HOOK-UP TO BE MADE LAST SATURDAY. BETWEEN JACK PINDER AND LORD ELECTRIC ALL WENT SMOOTHLY AND IT HAS OPERATED VERY WELL SO FMR THIS EWEEK.

MX THANKS FOR YOUR QUICK RESPONBE AND ASSIST WITH LORD.

AM VAITING TO CHAT WITH CY ON THURSDMY BE949 8 :9,5-:5 53 4834'.

I FEEL THAT WE SHOULD HAVE SOME IDEA OF HOW WE ARE GOING TO DO THIS WHILE KEEPING PRODUCTION GOING. ONCE CY AND I COME UP WITH A SCHEME, I WILL CONTACT MEDIAVILLA AND HAVE THEM OVER TO LOOK AT THE EQUIPMENT ETK.

WILL ADVISE.

REGARDS

PHIL

EOM



8/1/69

to phil  
from Jan Wouters

AUG 12 1969

1. please advise what action you are taking with Riggers, Mediavilla & Sons.
2. I shipped a compressor to you 7/31/69. please advise when it arrives.
3. John Garcia of Lord Electric has been informed that he will connect the compressor. please keep me posted.



INTER-OFFICE MEMO

*Memo  
Re: Electrical Power  
Attachment*

DATE: June 25, 1969

SUBJECT: Electrical Power Bldg. 3 Puerto Rico

TO: Al Hanson  
CC: Ed Schwartz  
Cy Kendrick

FROM: Phil Wood

1. Enclosed please find a letter from our attorney in San Juan, Bob Griggs, dated June 19, indicating that Pridco sees no problems with our request for 4160V and 1000 KVA by September 1st, of this year.
2. Bob does indicate that you or Ed should write a letter to both Meir and Cordero indicating our final decision to go with the 4160 V and 1000 KVA. You should request written confirmation from Cordero that this will be available by September 1st...
3. As for any further discussions beyond bldg. 3., I strongly urge you to work thru Ed Schwartz, since there has been no final discussion with Pridco and I am sure Ed will want as much negotiating latitude as possible during any such discussions with Pridco.

Regards,

*Phil*

Phil

Enc.



McCONNELL VALDÉS KELLEY & SIFRE

G. P. O. Box 4225

SAN JUAN, PUERTO RICO 00936

HERBERT S. McCONNELL  
ADOLFO VALDÉS  
DANIEL F. KELLEY, JR.  
ROBERT S. GRIGGS  
GONZALO SIFRE  
FERNANDO RUÍZ-SURIA  
WALTER G. McCONNELL  
DONALD M. HALL  
RAFAEL A. MIRABAL  
ROBERT W. VAN KIRK  
ABELARDO RUÍZ-SURIA  
JAIME S. PLATÓN  
JOSEPH T. WYNNE  
BALTASAR CORRADA

*Correspondence  
Re: Electrical  
Power*

TENTH FLOOR  
PAN AM BUILDING  
255 PONCE DE LEÓN AVENUE  
TELEPHONE 765-6655  
AREA CODE 809  
CABLE ADDRESS "MACVAL"

June 19, 1969

Edward A. Schwartz, Esquire  
Digital Equipment Corporation  
146 Main Street  
Maynard, Massachusetts 01754

Dear Ed:

This will confirm our telephone conversation on Tuesday afternoon after I spoke to Mariano Mier concerning his letter of June 11 to Al Hanson. I told him you were concerned by the implication in the letter (copy of which he sent me later that afternoon at my request) that the 4,160-volt line to the new plant might not have a capacity of 1,000 KVA. He denied intending any such implication, but then began pressing the point that a 38,000-volt line would be better economics and that the cost of installing it might be as low as one-half the original estimate (which I believe you told me was around \$35,000). I told him that you had definitely decided, however, to use 4,160-volt power in the first building, and would make a decision concerning installation of a 38,000-volt line at the time you elect to go forward with the second building. He then assured me the 4,160-volt line can be installed by September 1, and that it will have a capacity of not less than 1,000 KVA. When I asked him to give such assurance in writing, however, he declined, and said only the Puerto Rico Water Resources Authority can make such a commitment. He agreed to request a written commitment to this effect from the Authority, but requested first that you or Al reply to his June 11 letter, confirming my statement regarding the decision to use 4,160-volt power.

As I told you Tuesday, I feel a copy of your letter should go to Engineer Humberto Cordero of the Water Resources Authority, who is shown as receiving a copy of Mr. Mier's June 11 letter.

I am enclosing with this letter, and with the copy marked for Phil Wood, copies of the following which I have received during the past week from the Development Company:



Edward A. Schwartz, Esquire  
Page two

June 19, 1969

1. Letter dated June 9 of Eduardo J. Huertas enclosing construction schedule marked to show May progress; and

2. Letter dated June 12 of José A. Núñez respecting the temporary lease of project #6-496-58.

Mr. Núñez letter would seem to indicate that the Development Company has not been furnished copies of the insurance binders respecting the temporary building. I would appreciate you or Phil's advising me if such binders have been furnished.

Faithfully yours,



enclosures

cc: Mr. Philip A. Wood



TO AL HANSON ✓

ED SCHWARTZ

CC CY

FROM PHIL

WE RECEIVED A CALL FROM BOB GRIGGS, THE SAN JUAN ATTY, AND HE HAD SPOCEN WITH CORDERO AT FLUENTES FLUVIALES THIS AM. CORDERO INDICATEDHTHE THEY HAVE OR WILL SHORTLY, OBTAINED THE SUBSTATION SITE FROM FOMENTO. CORDERO INDICATED THAT THERE WOULD BE POWER BY SEPT 1. HE ALSO WILL WRIE MEIR A LETTER SO MEIR WILL BE ABLE TO REPSOND TO ED SCHWARTZ' LETTER ASCING FOR DOCUMENTATION OF THE SEPT 1 DATE.

CORDERO INDICATED POWER MIGHT BE TEMPORARY, BUT THAT PERMANENT POWER WOULD BE AVAILABLE SHORTLY THEREAFTER.

REGARDS

PHIL

EOM *wood*

JUL 16 1969

*Schwartz  
Kendrich*

TO AL HANSON

CC CY ✓

ED SCHWARTZ

FROM PHIL

GROUND WAS BROKEN TODAY FOR THE SUBSTATION TO PROVIDE POWER FOR BLDG THREE. THE POWER LINE RUNS DIRECTLY IN FRONT OF PRESENT LOCATION AND THE SUBSTATION WILL BE LOCATED IN THE EMPTY LOT BETWEEN BLDG ONE AND TWO A..THE LINE WILL BE RUN FROM THAT SUBSTATION DOWN THE POWER LINE DIRECTLY TO BLDG THREE.

AL, IT MIGHT BE A GOOD IDEA TO GET TOGETHER WITH ED AND ~~THE~~ DETERMINE THE BEST WAY OF PUSHING THIS ACTIVITY AND FINDING OUT WHAT PLANS EXIST FOR PROVIDING POWER TO BLDG THREE ON A TEMP BASIS. IF I CAN ASSIST, PLS LET ME KNOW.

REGARDS

PHIL

EOM

2379

AUG 19 1969

TO AL HANSON

CC CY ✓

JAN WOUTORS

FROM PHIL

LORD ELECTRIC VICE PRES GARCIA WITH RICK CASE AND LUIS FALTO DROPPED BY AND INDICATED THEY WOULD HAVE A QUOTE READY BY FRIDAY ON BLDG THREE.

GARCIA INDICATED THAT THEY WOULD SEE THAT GROUNDS ETC WERE TAKEN CARE OF SO THERE WOULD BE NO DELAY IN GENL CONST WORK.

RICK CASE INDICATED HE WOULD BE BACK LATER SO I ASSUME HE HAS BEEN PRIMED HE WILL BE ON THIS PROJECT....FOR WHICH I AM THANKFUL

REGARDS

PHIL

EOM

AUG 19 1969



P.R.

Memo  
Re: Construction Progress

TO CY  
FROM PHIL  
CC AL HANSON  
ED SCHWARTZ

JUL 15 1969

GOOD NEWS. I HAVE JUST RETURNED FROM A VISIT WITH THE PRIDCO  
BLDG INSPECTOR ASSIGNED TO THE BLDG THREE PROJECT AND  
IT APPEARS THAT CONSTRUCTION IS PROCEEDING AT BREACNECC SPEED.  
- 9//AN UNOFFICIAL ESTIMATE PUTS COMPLETION AT MID TO LATE SEPT.

AS OF TODAY 7/15 THE ROOF SLABS ARE ONE SEVENTH COMPLETE. WOULD LIKE TO  
DISCUSS POSSIBLE ACCELERATION OF PROGRAM AND POSSIBLE EARLY OCCUPANCY  
DURING MY VISIT 7/21-25.

THANKS  
PHIL  
EOM



OTMONMRIITKKEOTTMSMKEMMUUNONMMEOVCWUTOVOMCUMVOA000NV00KCU T KUMMOOMM

*Memo*

*Re: Power*

RYBERBICK BROWN FOX JUMPED OVER THE LAZY DOG 1234567890 TIMES 3  
REPEA

JUL 7 1969

WVPGVKXVKKVVGVVVMXVVGVVZMTMVVOT

TO ED SCHWARTZ

CC CYO

AL HANSON

FROM PHIL

DID YOU RECEIVE MY TWX REGARDING THE RESPONSE OF MEIR/CORDERO?

DO YOU DESIRE THAT I TAKE ANY ACTION HERE AND IF SO, WHAT

CAN I DO TO ASSIST? I AM UNWILLING TO JUMP IN AND MUDDLE

THINGS UP UNLESS YOU HAVE A SPECIFIC RECOMMENDATION. ONLY FIFTY-FIVE DAYS

'TIL SEPT 1

REGARDS

PHIL

EOM


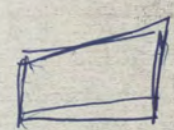
*Set-up mtg*

*Cy Kendrick*

*E. Schwartz*

*Al Hanson*  
*P. Kaufman*




 4 x 3 x 10 width  
 long 3'  
 pick up 22  


circular  
 2 x 8 x 16  
 long 16

TO ED SCHWARTZ  
 CC CY  
 AL HANSO N✓  
 FROM PHIL

JUL 3 1969

I HAVE TALKED WITH BOB VGRIGGS AND HE RELATED THAT BOTH MEIR AND CORDERO  
 ARE IN RECEIPT OF YOUR LETTER. MEIR THIS AM SAID HE FORESAW NO  
 PROBLEM GETTING POWER BY 9/1. CORDERO SAID HE ALSO SAW NO PROBLEM, BUT  
 CORDERO WILL NOT COMMIT. THE PROBLEM IS THAT FUENTE FLUVIALES CANNOT  
 PROVIDE OUR POWER WITHOUT HAVING A SUBSTATION AND THEY HAVE NOT  
 GOTTEN THE SITE. IF THEY GET THE SITE THIS MONTH, WE WILL HAVE  
 POWER AS REQUESTED. 8,95, THEY SHRUG THEIR SHOULDERS.  
 BOB GRIGGS IS GOING TO CMLL CORDERO AGAIN IN ABOUT A WEEK, BUT IN THE  
 MEANTIME I RECOMMEND WE WHEEL UP THE BIG GUNS AND FIRE A COUPLE FOR EFFO  
 REGARDS  
 PHIL  
 EOM

Call Ed Schwartz.



TO AL HANSON  
FROM PHIL

2379 JUN 6 1969

Memo  
Re: lighting prints

- 1.) I AM IN RECEIPT OF YOUR DRAWINGS AND REQUEST THAT I MARK THEM UP SHOWING THE LOCATION OF WHAT IS INSIDE BLDG 2A. DO YOU WANT PARTITIONS OR POWER PANELS OR WHAT?
- 2.) ALSO, I NOTICED THAT ON YOUR LIGHTING PRINT YOU DID NOT PROVIDE LIGHTING FROM TH FRONT ENTRANCE DOWN THE RIGHT SIDE OF THE
- 3.) BLDG TO THE WORK AREA AND YOU DID NOT GO SLIGHTLY OVER THE HALFWAY POINT IN THE BLDG... I SUSPECT THAT THE DARK AREA MAY ABSORB A LOT OF LIGHT IF WE DON'T PUT IN ONE ROW BEYOND THE WORK AREA. DO YOU HAVE ANY COMMENTS?

IT APPEARS THAT WE WILL HAVE THE GREEN LIGHT FOR PARTIAL OCCUPANCY BY JUNE 16, WHICH IS ONLY ABOUT ONE WEEK AWAY. IS LORD MAKING READY TO GO ALSO? I WILL CHECK IT OUT WITH MAYAGUEZ PEOPLE AND ADVISE ANY PROBLEMS.

REGARDS

PHIL

EOT

Ray Baums

please  
correct drawings  
as described  
add one  
more row

TO AL HANSON  
FROM PHIL

JUN 6 1969

I JUST TALKED WITH LORD MAYAGUEZ (LUIS FALTO) AND HE SAYS THAT THERE IS NO WORD TO GO ON BLDG 2A.

REGARDS

PHIL

EOM

add lighting for corridor



~~Electrical~~

Memo - Phil Wood  
Re: Power

file

on 2/16  
6445x  
J. S. [unclear]  
[unclear]

TO ED SCHWARTZ  
CC CY

AL HANSON ✓

FROM PHIL

BOB GRIGGS OF MACCONNEL VALDES ETC MET WITH PRIDCO THIS MORNING 6/5 AND DISCUSSED OUR TWO PROBLEMS WITH VALLECILLO, MEIR, AND DE JESUS. OUR PARTIAL OCCUPANCY AND FULL OCCUPANCY BY 7/1 ARE OK AND BOB MUST ONLY INFORM THEM IN WRITING OF OUR DESIRE TO EXERCISE THE OPTION WHICH HE WILL DO.

ON THE POWER FOR BLDG THREE, MEIR PROMISED TO HAVE A 4160 VOLT 1000 KVA LINE TO THE SITE BY DECEMBER 1. THERE IS AN INCONSISTENCY BETWEEN YOUR LETTER AND ONE SENT BY AL HANSON. THAT IS YOUR LTR OF MAY 23 AND AS LTR OF MAY 19. YOU INDICATE NEED FOR 1000 KVA BY SEPT 69 AND 2500 KVA BY SEPT 70.

AL'S LTR INDICATES GPP CORRECTION 1000 KVA BY SEPT Y69 AND 2500 BY 71.

IT SEEMS THE FIRST PHASE OF THE POWER THING IS OKAY, BUT WE SHOULD STRAIN OUT THE CONFUSION.

PRIDCO WILL INFORM ALL OF THEIR AGREEMENT BY LETTER.

OD, IF YOU DESIRE TO CHAT WITH GRIGGS ANY FURTHER SUGGEST YOU CALL BEFORE 6/6 OR AFTER 6/16 SINCE HE WILL BE UP ON THE MAINLAND.

REGARDS

PHIL

EOT

JUN 5 1969



Phil Wood Memo

P.R.

file

TO LON BEAUPRE  
CC CY

MAY 29 1969

AL HANXSON ✓

FROM PHIL

CONFIRMING TELCON WITH CY 5/29 IN WHICH I STATED COLLAZO  
IS PROCEEDING ON THE BASIS OF THE LETTER OF INTENT. CARRIER UNITS WERE  
ORDERED VIA CABLE WITH A CONFIRMING LTR BY COLLAZO.

REGARDS

PHIL



TO AL HANSON  
CC CY

2379

5/27/69

~~SSFC~~ 70-90FC

memo  
Re: Illumination

FROM PHIL

EXISTING BLDGS HAVE AVG 1000/995 CANDLES OF ILLUMINATION AT THE  
BENCH TOP LEVEL--Y ACTUAL TEST. THE ANNEX (OR NEW CABLE BLDG) HAS  
200 AMPS OF THREE PHASE POWER. AS REPORTED BY LORD ELEC VICE PRES  
AFETR A VISIT THERE YESTERDAY. LORD WILL FORWARD A FIRM QUOTE TO ME  
AND I WILL FORWARD TO YOU ASAP. REQUEST WE CONFIRM BY PO TO THEM---  
I AM SHOOTUNG FOR A PARTIAL OCCUPANCYBY 6/13 SO LORD CAN GO BY 6/16  
OR SO AND BEGIN THEIR WORK.

PHIL  
A

105

110/220 Volts

Should read  
100 Foot candles

TO AL HANSON  
CC CY  
FROM PHIL

JUN 4 1969

memo  
Re: Bldg 2A

IF YOU FEEL THAT THE LOWER ILLUMINATION WILL BE ADEQUATE, I AM FULLY  
IN FAVOR OF GIVING IT A TRY. I THINK I MAY HAVE MISSED SOMETHING, HOW  
EVER, SINCE I DON T RECALL HEARING ABOUT ANY AIR CONDITIONING FOR  
BLDG 2A. IF WE ARE GOING TO AIR CONDITION, WOULD YOU ADVISE.

THANKS  
PHIL  
EOT



*Ray-copy*  
**digital**

*Memo*  
**INTEROFFICE MEMORANDUM**

DATE: May 22, 1969

SUBJECT: Cable Assembly Annex Building

TO: Cy Kendrick  
CC: Al Hanson

FROM: Phil Wood

*6-496-58*

1. On Monday, May 19 I gained entrance to the proposed cable assembly building (C.F.I. G-496-58) in San German and I was accompanied by Luis Falto of Lord Electric. We surveyed existing wiring and power panels/switches.
2. This building is the standard Fomento building in construction and is 90x120 in overall dimensions. There are existing partitions in the front part of the building which made it seem more advisable to occupy only the back half of the building-on area 90x60-and a path approximately 15 feet wide from the entry way to the work area along the right hand wall which will include the lavatory area. The loading dock is in the back half of the building.
3. Based on your facts, Cy, this would seem to provide adequate space for the initial people (15) and growth to around 40, if necessary, prior to the move to Bldg 3.
4. Lord Electric feels that it would require approximately \$ 7200 to install lighting equal to our present facilities and four outlets per bench at each of forty benches. This is a rough figure and includes 144 eight foot light fixtures, 40 double duplex outlets, one power panel, and wire/conduit to properly electrify one half of the building plus the "corridor" down the right hand side of the building.
5. Al, I feel we should start the formal proceedings to develop a firm price and execute the contract with Lord, so they may begin to obtain the materials necessary to commence on or about 1 July.
6. As for furnishings, Cy, we could discuss in further detail when you come down in a week or two, but I can foresee the following:
  - 40-50 benches (Maynard standard?)
  - 40-50 seats
  - 40-50 cushions
  - 40-50 soldering Irons
  - 40-50 fans plus fan guards
  - 200 soldering Iron tips
  - 40-50 sponges
  - ? tinning pots



- 1 insulation stripper
- 1 handle eyelet machine
- 1 water fountain
- 1 dozen paint cans
- 1 dozen brushes

7. By the time you arrive in a week or two, Cy, we will have a group leader plus a minimum of five people available for training on this work. The group leader will be bilingual to facilitate any training which may be necessary at a later date in Maynard on coax cables.

Regards,

*Phil*

Phil

*Also has Don R. Russell done anything on the packaging problem for shipment of completed assemblies?*



Memo

digital

# INTEROFFICE MEMORANDUM

DATE: May 15, 1969

SUBJECT: Puerto Rico-Trichlorethylene Exhaust System

TO: Al Hanson  
CC: Cy Kendrick

FROM: Phil Wood

1. On 5/13 The Puerto Rican Department of Labor, Bureau of Accident Prevention visited our plant and performed two types of air sampling tests which showed a concentration of tri at the 250 ppm level. The acceptable limit is 100 ppm.
2. The tests were competently performed and administered fairly.
3. During your visit of 5/13, you discussed two "backboard" type exhaust panels which you would have fabricated and forwarded to Puerto Rico.
4. The Department of Labor personnel will be back to view improvements on or about 6/13 and I would appreciate it if you could have one unit delivered prior to that time so we could demonstrate our good faith and interest in complying with the industrial safety regulations.

Thanks,

Phil  
JH.

Pete,  
This good in stock  
immediately"

Done  
Rhoda sent Phil letter  
stating we have one good in  
stock & will ship now. Remains  
of metal will be shipped  
after fabrication  
AWH



Memo - Phil Wood  
Re: Construction

4/28/64

TO CY  
CC PETE KAUFMANN  
AL HANSON ✓  
EG SCHWARTX

OUR BLDG THREE IN SAN GERMAN IS UNDER WAY. HOOBAYM. THE CONTRACT WAS  
AWARDED TO YANCO CONSTRUCTION CORPORATION, 503 CONDADO -43, ESTRELLA  
AND WASHINGTON STREETS, SANTURSE, PUERTO RICO.

THE ENGINEERS ARE: SENORS YANEZ AND BRIGNONI.

PROGRESS TO DATE HAS BEEN IN STARTING THE GRADING.

I SEE NO INDICATION OUR PROPOSED LAVATORY SHIFT HAS GOTTEN  
THROUGH CHANNELS

REGARDS  
PHIL



File PR.

Memos  
Phil Wood

PUERTO RICO

SCHEDULE

PLANT 3

60,000 sq. ft.

		Proposed	Actual
1	Plans and Drawings	February 10 - March 7	
2	Bids Complete	March 24	
3	Award Contract	April 4	
4	Contract Signed	April 15	
5	Purchase order to Contractor	May 1	
7	Building Complete	January 1	
6	Restricted occupancy	December	

1. If the contract is not completed by June 30, 1970, then DEC is exempt from all contracts in Puerto Rico
2. If the contractor has not completed Plant 3, then the Puerto Rican government will rent a plant of 10,000 sq. ft. called 2A on a rent free basis between August 1 and January 1. Au  
1970
3. Every day a contractor is late delivering the building, DEC will receive one free day of rent.

TO AL HANSON ✓  
CC PETE KAUFMANN  
ED SCHWARTZ  
CX

FROM PHIL WOOD

I HAVE CONTACTED PRIDCO PLANS DIVISION AND A MR JOHN SMITH TO DETERMINE THE STATUS OF OUR BLDG 3 CONTRACT. THE AWARD COMMITTEE HAS MADE A RECOMMENDATION BASED ON THE BIDS WHICH WERE SUBMITTED 3/27. NOW THE CONTROLLER MUST MAKE THE DECISION AND MR SMITH ESTIMATED TWO WEEKS BE943 THAT WOULD BE FINAL. PERHAPS A CALL FROM ED SCHWARTZ WOULD HASTEN THE PROCESS.

REGARDS

PHIL

4/10/69



TO MARY  
FROM PHIL

4/9/69

memo  
Power

WOULD YOU PLEASE ADVISE AL HANSON THAT I HAVE LEARNED THAT THERE IS AN ENGINEER AT PRIDCO IN SAN JUAN WHO IS COORDINATING THE BRINGING OF POWER INTO THE NORTH INDUSTRIALIZATION AREA IN SAN GERMAN. THE ENGINEER'S NAME IS DENJIRO RIVERA AND HE MAY BE OF SOME ASSISTANCE TO AL IN THE POWER SITUATION.

NO WORD ON CONTRACT AWARD YET FOR BLDG THREE.

REGARDS

PHIL

EOT

2379



*Memo*  
*RR Water Supplies*

**digital** INTEROFFICE MEMORANDUM

DATE: March 25, 1969

SUBJECT: San German Water System

TO: Al Hanson  
CC: Cy Kendrick

FROM: Phil Wood

1. Here is the letter confirming our message of 3/24 regarding answers to your seven questions about the San German water system.
  - a. existing tank is 625,000 gal
  - b. proposed tank will be 500,000
  - c. present tank elevation 105.95 meters vs plant elevation 45 meters *< 60.95m*
  - d. proposed tank elevation 96.50 meters vs plant elevation 45 meters *< 51.50*
  - e. static pressive of 12" CI main 87 psi.
  - f. flow pressure estimated 78 psi.
  - g. there is a 12" CI main on state road 360
2. Enclosed please find a map.
3. If you desire further detailed information, please contact us.

Thanks,  
*PHO*  
Phil

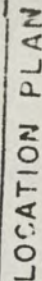
*Copy*  
*Have Ray*  
*attached map*  
*Ans H*

105.95	96.50
45	45
<u>60.95</u>	<u>51.50</u>

*Write Phil*  
*on Power Consumption*  
*R. Roda*  
*make sure all copies of this*  
*subject are the same.*  
*Copies to Ray Baum*  
*Bill Souffer*  
*Auto formulator*  
*file P.R.*  
*Cop.*



Blank lined page.



3



SUBJECT: San German Water System

Memo

TO: Al Hanson  
CC: Cy Kendrick

FROM: Phil Wood

1. Here is the letter confirming our message of 3/24 regarding answers to your seven questions about the San German water system.

- existing tank is 625,000 gal
- proposed tank will be 500,000
- present tank elevation 105.95 meters vs plant elevation 45 meters  $< 60.95m$
- proposed tank elevation 96.50 meters vs plant elevation 45 meters  $< 51.50$
- static pressive of 12" CI main 87 psi.
- flow pressure estimated 78 psi.
- there is a 12" CI main on state road 360

2. Enclosed please find a map.

3. If you desire further detailed information, please contact us.

Thanks,

Phil

*Have Ray  
attach map  
Copy*

*With Phil  
on Power Consumption*

*R. Roda,  
make sure all  
subject as the same  
Copies to*

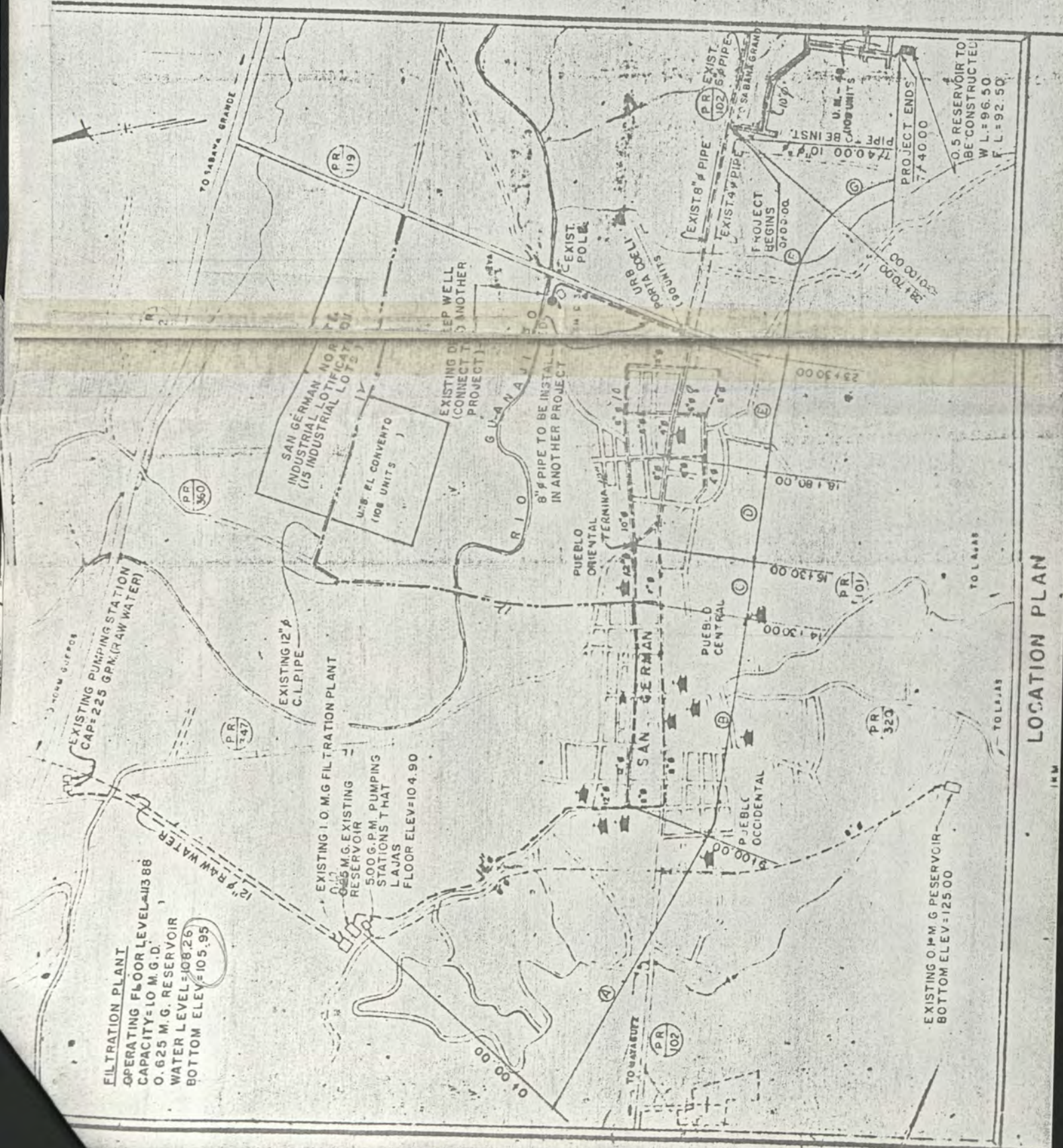
$$\begin{array}{r} 105.95 \\ 45 \\ \hline 60.95 \end{array}$$

$$\begin{array}{r} 96.50 \\ 45 \\ \hline 51.50 \end{array}$$

*copies of this  
Ray Baum  
Bill Sanffer  
Auto Sprinkler Corp.  
file P.R.*



LOCATION PLAN





Memo  
Re: water system

2379

*[Handwritten signature]*  
X

TO AL HANSON  
FROM PHIL WOOD  
3/24/6.

HERE IS A MSG RESPONSE TO OUR QUESTIONS REGARDUNG WATEJ  
ADEQUAKY HERE

A= EXISTING TANK 625,000 GAL

• PROPOSED TANK WILL BE 500,000 GAL

3. PRESENT TANK APPROX 63 MTRS ABOVE PLANT

$$63 \times 3.28 = 206 \times .43 = 89 \text{ PSI}$$

4. 04909'3 5-, ( 28)) ?3 -0049/ 56 MTRS ABOVE PLAMT

$$56 \times 3.28 = 183 \times .43 = 79 \text{ PSI}$$

5. BTATIC PRESSURE ON 12 IN CI MAIN 87 PSI

6. UNGOR FLOW CONDITIONS ESTIMATED PRESSURE 78 PUI ( THIS  
IS NOT BASED ON PRESENT GAGE READINGS BUT FROM PREVIOUS

-7. RECORDS IS A 12 8, :-75 849, .-8, 9, 82-6 360

8. 2WE WILL FORWARD A LETTER VERIFICATIOC AND A MAP OF THE  
WATER SYSTEM IN SMN GERMAN.

9. I UNDERSTAND SAN GERMAN IS PLANNING TO INSTALL A ONE  
MILLUON GALLON SEWAGE TREATMENT BED IF THAT IS OF ANY  
INTEREST.

REGARDS  
PHIL



file Puerto Rico.

Memo  
Re: Drug Acceptance

0 3/5/69

TO CY

ED SCHWARTZ

AL HANSEN

PETE KAUFMANN

FROM PHIL WOOD

SENIOR JUMENEZ AT PRIDCO RCVD TELEGRAM NOTIFICATION THAT BLDGTHREE

DRAWINGS HAVE BEEN ACCEPTED WITH SLIGHT MODIFICATION BY DEC.

REGARDS

PHIL

EOM

EOT



*memos*  
*Re: Progress Report*

# **digital** INTEROFFICE MEMORANDUM

DATE: December 6, 1969

SUBJECT: PLANT IN SAN GERMAN, PUERTO RICO, PHASE #1

TO: Al Hanson

FROM: Jan Wouters

## PROGRESS REPORT

Yanco- 90-95% finished.

To Be Done: Some inside and outside painting, and plaster work.  
Toilet Painting.  
Finishing of Equipment pad and railings for steps.  
Partial walk.  
Grading & Seeding.  
Fencing.

Cleaning of Bld. floor will start next week.

Lord Electric: 90% of conduit in 50% of Wiring.

Power Line into building, (will have power next week).  
All main switchgear in all panels- disconnects for A/C in  
light fixtures in Mayaguez, installation starts 12/8/69.  
Sub-transformers 150 KVA. Should be in next week.

Collazo: Finishing of rooftop units and grills.

Sam P. Wallace: 25% of air, tri, and chilled water lines installed.

Awaiting completing of equipment pad and cleaning of  
bld. for benches.

Viking: 75% sprinkler system inside done.

Outside piping up to the street installed and being tested.  
Man hole for tie-in into 12" main being arranged and built.



memo

file  
digital

# INTEROFFICE MEMORANDUM

DATE: November 13, 1969

SUBJECT: Puerto Rico - Phase I - Progress Report

TO: Al Hanson

FROM: Jan Wouters

Thursday - November 6, 1969  
Friday - November 7, 1969

Lord Electric - Supervisor Rick Case & 7-12 men

Equipment is being moved in.

Wall outlets - Main Feeder lines being installed.

1000 KVA transformer brought in place (sub-station).

Secondary part of main switch gear moved in.

Note: 5 KV section of main switch gear - In transit

3 - 480 V panels

2 - 277 V light panels being ordered from Zinsco

2 - 120/280 V panels

Light fixtures - In transit

All wire - piping - conduit & light bulbs on job site.

Discussed: Total load requirements and re-figured, because loads for A/C rooftop units was incorrect on prints. Made necessary changes for fusing and switches.

F. I. A. - Mr. Andrews (Chemical Engineer) was in to run water test. (11-6-69)

Yanco Construction - Mr. Yanez & 20 men

Finishing off Building - floor sawing - loading dock - toilets - outside plaster.

Did lay-out for equipment pad, will complete this November 15-17, 1969. Steel for roofing is in transit. According to Yanez, building will be complete at end of November.

Floor will be finished with "Hornstone" product of W. C. Grace Co.

Sam P. Wallace - Mr. Peter Gonzales

Viking - All piping for sprinklers and mechanical has been pre-fabed and will be on the job site Wednesday, 11/12/69, and installation completed in 3 weeks. Also equipment installed. Is making arrangements for his equipment to be in our plant.

Collazo - Not yet contacted. Has 6 rooftop units on the roof and three installed - all enclosures are on the roof.





## INTEROFFICE MEMORANDUM

DATE: October 14, 1969

SUBJECT: Equipment Pad

TO: Phil Wood

FROM: Jan Wouters

I am enclosing a print of the equipment pad for Plant #3. Please negotiate with Yanco for completion of the pad by no later than November 7, 1969.

I am also sending a copy of this print to Mr. Mariano Mier of PRIDCO.



digital

P.R.

WRITE IT - Don't say it

MEMO TO

Phil Wood (TWX)

DATE

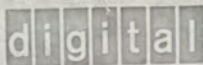
10/13/69

I have spoken to Ed Schwartz concerning partial occupancy and arrangements will be made on our end for insurance to start on October 20<sup>th</sup>. I will contact Lord Electric, Viking, and Sam P. Wallace and advise them that they can proceed after that date. Also I will discuss and finalize this with Mariano Mier of PRIDCO by the end of this week. If you have any comments, please let me know. Please advise Collazo ~~not~~ ~~of~~ that anything

Jan



*Jan Wouters memo*



# INTEROFFICE MEMORANDUM

DATE: September 26, 1969

*P.R.*

SUBJECT: Puerto Rico Budget estimate to cover cost of  
a 500 KW diesel-driven generator

TO: Pete Kaufmann

FROM: Jan Wouters

Please advise me as to your immediate decision on 500 KW diesel generator, keeping in mind the long delivery time of from 3 to 6 months after the order is placed.



*Jan Wouters Memo*

**digital**

# INTEROFFICE MEMORANDUM

DATE: September 9, 1969

SUBJECT: Plant 3

*P.P.*

TO: Phil Wood (Via TWX)

FROM: Jan Wouters

We have ordered Trane chillers for Plant 3. Also, I am sending you two drawings of the equipment pad for Plant 3. Please contact Yanco Construction and/or PRIDCO and do everything in your power to insure that work on the pad gets done quickly. Please advise of what action you are taking as soon as possible.

*Jan Wouters Memo*

TO JAN WOUTERS ✓ *33 2379*  
CC CY

SEP 9 1969

ML HANSON

DON'T RECALL THE SPOCS ON MACHINERY FOR BLDG THREE, BUT I HOPE WE HAVE NOT CONTINUED THE USE OF YORK CHILLERS. WE HAVE HAD NOTHING BUT PROBLEMS WITH BOTH UNITS PRESENTLY IN USE HERE. I ESTIMATE REPAIRS OVER THE LAST SIX MONTHS AT ABOUT A THOUSAND DOLLARS...WHICH SEEMS EXCESSIVE FOR A REPUTABLE PIECE OF EQUIPMENT. COULD WE LOOK AT ANOTHER TYPE OF CHILLER FOR USE IN THREE?

ALSO, THE FLOOR HAS NOT COMMENCED IN BLDG THREE, WHICH MEANS THAT THE EARLIEST COMPLETION WOULD BE AROUND THE END OF OCTOBER MND WITH INSIDE FINISH THAT WOULD PUT COMPPETION JUST AROUND ORIGINAL SCHEDULE DATE ... MAYBE ONE-TWO WEEKS SOONER.

= 3-4?

08)

39.



digital

INTEROFFICE MEMORANDUM

*Jan Wouters Memo*

DATE: August 19, 1969

*VH*  
TRX

SUBJECT: Puerto Rico

TO: Phil Wood

FROM: Jan Wouters

Please advise me as soon as possible on the following items:

1. Check on the floor with Yanco Construction. Please get a firm date when it will be done.
2. Please make arrangements with the Aquaduct Authority to tie-in into the 12" main. Please reply as soon as possible as we would like to award the work.
3. Compressors have been ordered. Electrical and Mechanical work will be awarded this week. We will give the order to Yanco to put down a slab for the equipment room, with roof and siding. Delivery on compressors will be from 4 to 6 weeks.
4. Please advise us in detail of progress of Phase I, along with any comments or suggestions or comments you may have.



**digital**

# INTEROFFICE MEMORANDUM

DATE: August 18, 1969

SUBJECT: Insurance Values for Puerto Rico

TO: Cy Kendrick  
Phil Wood  
Via TWX

FROM: Jan Wouters

Please establish insurance values for Puerto Rico:

1. Building costs - Assume \$10 per ft<sup>2</sup> or \$60,000 per module
2. Costs of contents
3. Business interruption



*Correspondence*

digital

August 7, 1969

Mr. Juan Garcia  
Lord Electric Company  
G. P. O. Box 3408  
San Juan, Puerto Rico 00936

Dear Sir:

Enclosed you will find the two additional drawings that you requested.

You will note that on these drawings, the transformer room has already been removed.

If you have any further questions, please feel free to write or call at any time.

Sincerely yours,

*Jan Wouters*

Jan Wouters  
Facilities Engineer

JW/rtc

Enclosures



digital

INTEROFFICE MEMORANDUM

*Memo /  
Re: Compressor Shipment  
w/ TWX Attached*

DATE: August 1, 1969

SUBJECT: Puerto Rico

TO: Al Hanson

FROM: Jan Wouters

On July 31, 1969, I shipped a 30 HP compressor to Puerto Rico.  
In addition, I sent the attached TWX message to Phil Wood.



TWX MESSAGE

To: Phil Wood  
From: Jan Wouters  
Sent: August 1, 1969

1. Please advise what action you are taking with riggers--  
Mediavilla & Sons.
2. I shipped a compressor to you July 31, 1969. Please  
advise when it arrives.
3. Juan Garcia of Lord Electric has been informed that he  
will connect the compressor. Please keep me posted.



**digital**

INTEROFFICE MEMORANDUM

*Jan Wouters Memo*

DATE: July 30, 1969

SUBJECT: Riggers in Puerto Rico

TO: Phil Wood

FROM: Jan Wouters

cc: Cy Kendrick  
Al Hanson  
Ray Baum

Per your request, the name of the riggers in Puerto Rico, as suggested to Al Hanson by Sam P. Wallace Co. is:

Mediavilla & Sons, Inc.  
Urb Industrial Dr Mario Julia  
San Juan, Puerto Rico  
tel. 783-2032



**digital**

# INTEROFFICE MEMORANDUM

DATE: July 30, 1969

SUBJECT: Conference with Al Hanson regarding Puerto Rico

TO: Al Hanson  
Ray Baum

FROM: Jan Wouters

Puerto Rico - completion date - November 1, 1969

Schedule of events:

Design complete  
All contracts let  
Job completed  
Clean-up

By August 15, 1969 ✓  
September 1, 1969 ✓  
October 15, 1969  
October 15-November 1, 1969



Jan Wouters Memo



# INTEROFFICE MEMORANDUM

DATE: July 25, 1969

SUBJECT: Compressor - <sup>Proposals</sup> Puerto Rico

TO: Al Hanson

FROM: Jan Wouters

Please consider the following proposals for the 75-HP compressor; Worthington against the one from Ingersoll-Rand.

<u>Ingersoll-Rand</u>		
Complete Package	our cost	\$13,187
Starter	+/-	300
Slab	+/-	1,000
Piping between components	+/-	500
TOTAL	+/-	\$15,000
Plus shipping from Maynard to Puerto Rico		

<u>Worthington</u>		
Complete Package	our cost	\$11,192
Starter	+/-	300
Slab	+/-	1,000
Piping between components	+/-	500
TOTAL	+/-	\$13,000
Plus shipping from Maynard to Puerto Rico		

<u>Worthington</u>		
Package unit	our cost	\$13,564
Starter	in package	
Slab	unnecessary	
Piping between components	unnecessary	
TOTAL		\$13,564
Plus shipping from Maynard to Puerto Rico		



*Jan Wouters Memo*



# INTEROFFICE MEMORANDUM

DATE: July 15, 1969

SUBJECT: Meeting with Cy Kendrick on Puerto Rico

TO: Al Hanson  
Ray Baum  
Cy Kendrick  
Don Gates

FROM: Jan Wouters

Present: Cy Kendrick  
Don Gates  
Jan Wouters

1. Plans found to be satisfactory.
2. Tri Sinks - Make-up air hoods and quote satisfactory
3. Ventilation of Soldering - Hoods required; Maynard hoods satisfactory; Get quotes
4. Vent of tinning pots - 10" or 20" diameter; see Cy on this as he has the information
5. Raw Storage - Module assembly - Increase square footage??  
See Cy and Phil Wood



Puerto Rico

memo  
XR Parking

JAN 2 1973

RCA0846/02  
DEC PKR ST MAYN

XVHDUITALPR

DEC PKR ST MAYN

.....  
DEC PKR ST MAYN

RCA0846/02  
DEC PKR ST MAYN

TO AL HANSON  
FR HIRAM GUINONES/PR  
1-02-73

UP TODAY--WE HAVE 1015 EMPLOYEES AT SAN GERMAN PLANT.  
CARS IN PARKING-LOT 300-- OUTSIDE PARKING--75. TROUBLE  
WHEN THE SECOND SHIFT STARTS AT 4:00PM.

HAPPY NEW YEAR-

HIRAM  
NNNN

DEC PKR ST MAYN

X  
HOW RECEIVED? OK TU

5-11-73  
5-11-73

cc  
Rod Mooney  
Bill K. Rosin  
Herwood  
file



Nase Wilkins

TO BILL KRASNOW  
PLANT ENGINEERING

FM HIRAM GUINONES-PLANT ENGINEERING P R

9-1-72

IM CONFUSED ABOUT WHO IS IN CHARGE OF THE WELL PROJECT. I BELIEVED IT WAS YOU, BUT TODAY I GOT A TELEX FROM NASON WILKINGS ASKING SOME INFORMATION, THAT WAS PROVIDED IN THE REPORT TO G BEEBE DATED AUGUST 9 1972

WILL YOU PLS TELL MR WILKINGS THAT LOUIS VELEZ IS NOT LONGER WITH MAINTENACE ALSO GIVE HIM THE FOLLOWING INFORMATION

- 1- WELL DEPTH IS 405 FT. (SEE REPORT)
- 2- FREATIC LEVEL IS 21FT. (LAST TIME IT WAS MEASURED WAS AT 18FT. THIS IS THE DISTANCE FROM THE TOP OF WELL TO THE WATER LEVEL
- 3- THE I.D. OF THE WELL IS 6.065 INCHES  
THIS IS A STANDARD 6+ CASING.

Sched 40

REGARDS

HIRAMN



(1)

Mase

Pete:

Your response for telex dated August 24, 1972 - Ref.

P.R. Well Water:

1- The well is in good condition, it was covered with <sup>rock</sup> and the static level now is at 18 FT.

2. I talked with Chardon. He said that he can't test the well at a rate higher than 70 gpm because he doesn't have a submerge pump that fits the casing I.D. (6.065"). But he mentioned that he can make a test with air lift (24 HRS - cost \$450<sup>xx</sup>).

3. The internal diameter of the well casing is 6.065 inches — so this limits the size of the pump that can be installed in the casing.

4. Bruce Kamm worked in A.P.A. and he has a contract for one year (Waste Treatment). I'm using



(2)

Help me in all phases. I don't know if you are aware that Luis Velez left the maintenance Dept, now he is a production supervisor, so my time is tight, also I'm in charge of the Equipment Maintenance (Production). ~~There is~~ All these responsibilities are really taking some time (10-11 hrs). People ~~there are~~ just don't understand, and they have re-lay the areas for time, so they <sup>feel</sup> Ray Baum that as soon as these people make their minds I will bring him to P.R. to revised the original Plant layout. Please give him the attached SQ.F7 per Cost Center (up to 8-31-72) I know this will change soon (PDP-11 production line is coming soon). We are running short of space, and I'm looking at the possibility to expand the back of the building 30' wide - see if I can get the cables. Thanks



(3)

Out. I'm considering a Kirby Steel building  
(Alumin. roof). Steel frame.

Now How are you and your wife - and your  
son family. We are all fine. Kids are in  
School and Evelyn is visiting at least 4 hours -

As a special favor. Ask Alm Gates if the  
Fiber glass tank was shipped -

Your friend.  
Hiram.



During the 708 p.m. test level dropped -  
between 50 to 60 ft.

8-31-72.

Pete:

This is from my Worthington pump selector book. This <sup>pump</sup> will fit the well casing - The type is 6L-6 & the column size is 130 ft long - 3 1/2" diameter. Because I don't know what type of set up planned - I just considered it to pump - no a head of 280 ft, this is the suction bell (4 case) <sup>p</sup> to be at 130 ft from the level of the ground - gallon 100 at 180 ft, this will allow to go to the process directly. My estimate for the pump <sup>only</sup> is about \$2100<sup>xx</sup>. I come out with a 15 Hp motor. & This pump will fit the casing the bowl size (6") and has 4 stages - Foundation wise I'm one designed a concrete pod to hold 3000 lbs, this pump weight close to 2,000 lbs - I'm doing this only to check this design ~~no longer~~ I'm to work with



Pumps & compressor design - But I never work  
with<sup>in</sup> a well pump design, just process pumps -

Hiram Jennings



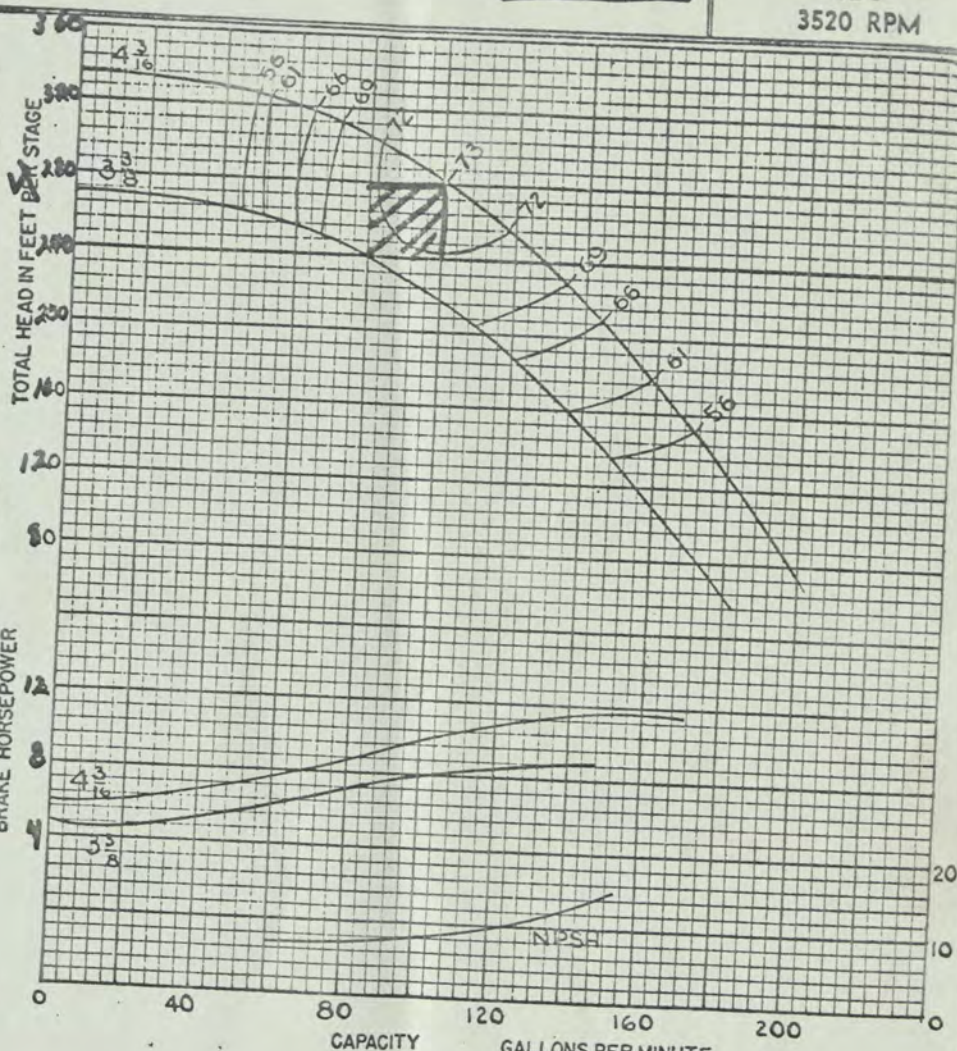
# RATING CURVES (60 CYCLE)

Section 2403 Page 3

April 1, 1960

6L-6

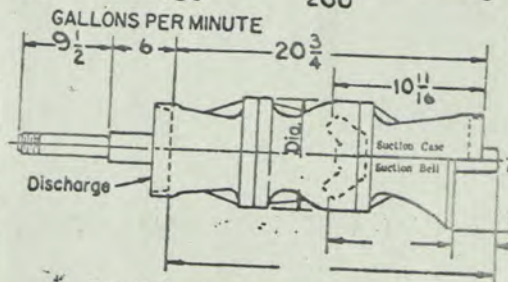
3520 RPM

DIGITAL

Model 6L-6  
100 GPM at 180 FT  
TOTAL HEAD 280

Efficiency shown is for 4 stages or more, with standard materials. For fewer stages or other materials change efficiency as shown.

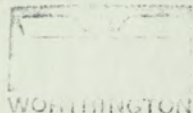
No. of stages	Eff. change	MATERIAL	Eff. change	Standard materials
6	-	Impeller-bronze	-	Impeller-bronze
5	-	Impeller-c.i.	-1	Bowl-cast iron/enamelled
4	-	Impeller-c.i.enm.	+2	Thrust factor
3	-1.5	Bowl-c.i.enm.	-	Rotor wt. per stage (lbs.)
2	-3.5	Bowl-cast iron	-5	Bowl wt. 1st stage (lbs.)
1	-6	Bowl-bronze	-4	Bowl wt. add'l. stage (lbs.)
				Max. bowl horsepower
				Impeller eye area (sq. in.)



For additional stages add 4 per stage.

Impeller shaft diameter	1	Column pipe	3
Minimum impeller shaft end play	.25	Suction pipe	3





## VERTICAL TURBINE WELL PUMPS

### Open line shaft—above ground discharge

Sizes 6 to 8 inches, Capacities to 700 gpm

#### Design

Worthington vertical pumps are designed for industrial and process service, where rugged build and low maintenance are a must on high-volume, intermediate or continuous pumping. Hydraulic and mechanical design differences distinguish them from deep-well pumps—most notably, the relatively short distance from suction pool to discharge line. Water or oil-lubricated models available.

#### Eliminates NPSH problems

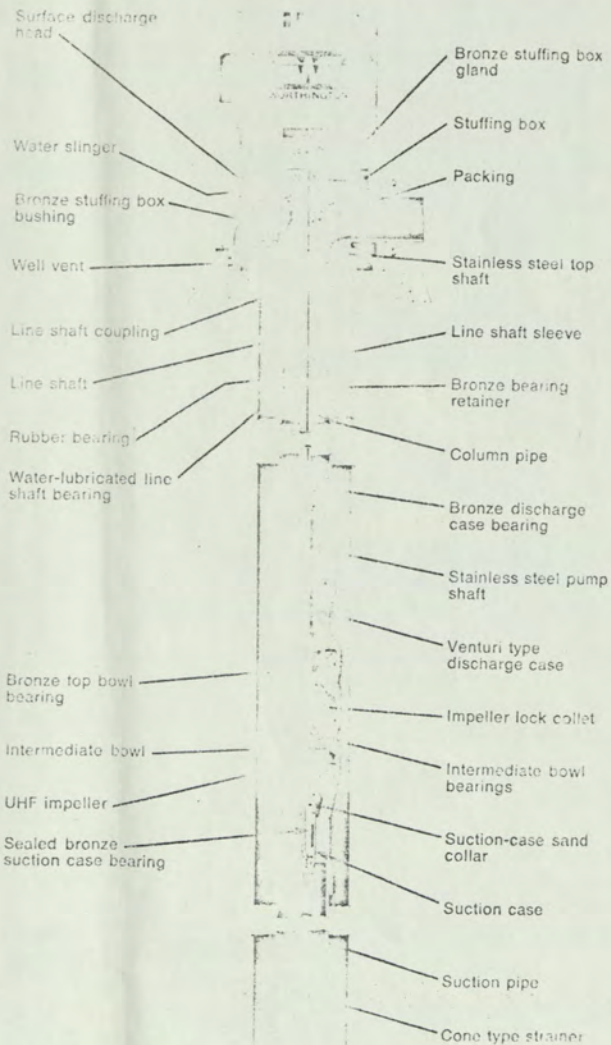
The Worthington vertical turbine pump solves NPSH problems because its suction is flooded and there are no piping restrictions. This results in less friction loss—eliminates suction loss, and reduces construction costs too. All suction piping and elaborate wet pits are eliminated.

#### Impeller efficiency

The heart of Worthington's vertical pumps is the Ultra-High-Flow impeller. Across the broadest range of operation, it gives you the highest level of pumping efficiency. Ultra-High-Flow vertical turbine pumps are adaptable to changing conditions by modifying, adding, or removing stages. By properly selecting UHF bowls, the shape of the head capacity curve can be adapted to the specific needs of a particular installation. UHF pumps have a flat efficiency curve allowing operation at high efficiency over a wide range of capacity.

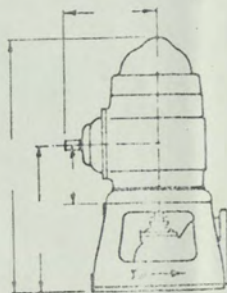
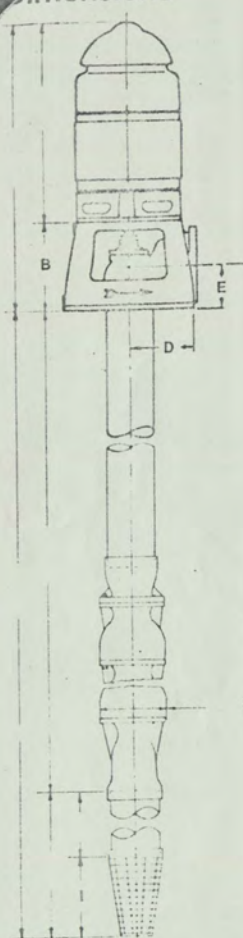
#### Drive flexibility

Many different drive arrangements can be used. Vertical motor is most common; engine, turbine and horizontal motor can be applied through belt drive or right angle gear drive; combination gear-motor drive handles applications requiring standby power.

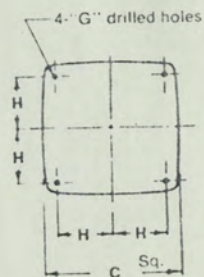




# Dimensions



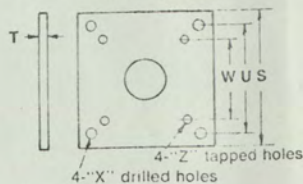
Gear driven arrangement



Discharge head foundation

Dia.

Foundation plate



## Discharge head dimensions

Disch. head	Discharge 125 lb. Std. C. I.					B	C	D	E	G	H
	Size	Flange dia.	Number and size bolts	Bolt circle							
N1203	3	7½	4%	6		11¾	14½	7½	4½	¾	6
N1204	4	9	8%	7½		11¾	14½	7½	5	¾	6
N1206	6	11	8¾	9½		11¾	14½	7½	6	¾	6
N1604	4	9	8%	7½		16½	20	10¼	6	¾	8
N1606	6	11	8¾	9½		16½	20	10¼	7¾	¾	8
N2006	6	11	8¾	9½		16½	24	12¾	7¾	¾	9¾

Minimum dimension from mounting surface to bottom of lifting hook in raised position for removal of hollow shaft driver is dimension B plus 6 in. plus twice the height of motor or gear.

## Strainer dimensions

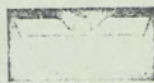
Size strainer	I
3	11½
3½	11¾
4	12¾
5	13¾
6	15¾

## Foundation plate dimensions\*

Size	S	T	U	W	X	Z
N12	26	¾	23	12	¾	¾
N16	32	1	29	16	¾	¾
N20	36	1	33	19½	¾	¾

\*When furnished

Worthington Pump International  
Denver, Colorado 80216  
A division of Worthington Corporation





Puerto Rico

**digital**

INTEROFFICE MEMORANDUM

*memo*  
XR Contracts &  
Cost Contracts  
XR Water

TO: Gregory Bacon

DATE: June 14, 1972.

FROM: Hiram Quiñones

DEPT: Plant Engineering

SUBJ: P. R. W. R. Authority Power Contract

W/attachment  
agreement attached

Attached please find a copy of the Power Agreement between the Puerto Rico Water Resources and Digital Equipment Corp. for your review.

Thanks,

*H. Quiñones*  
Hiram Quiñones

HQ/sr

*Hiram,  
Please reambit new  
contract reflecting changes  
indicated for telefax to  
you on 6/14/72.  
Thanks  
Greg B.*

*C. Geo Beebe*  
File - PR - utility ✓  
6/18/72  
Many copies given to  
Geo Beebe and me  
orig to Hiram  
Thanks



POWER AGREEMENT  
BETWEEN  
PUERTO RICO WATER RESOURCES AUTHORITY  
AND  
DIGITAL EQUIPMENT CORP.

This Agreement, entered into by and between Puerto Rico Water Resources Authority, a public instrumentality of the Commonwealth of Puerto Rico, represented in this act by Mr. Félix Córdova Días, its Executive Director hereinafter referred to as "the Authority", and the Digital Equipment Corp., represented in this act by Mr. Jaime A. Ferrá, Vice-President, who is duly authorized to enter into this Agreement, hereinafter referred to as "the Consumer".

WITNESSETH THAT

In consideration of the mutual covenants and agreements hereinafter setforth, the parties hereto agree as follows:

SCOPE AND TERMS OF AGREEMENT

Section 1. The Authority agrees to furnish to the Consumer and the Consumer agrees to take from the Authority electric power and energy for general purposes at its factory located at state road 362, Guamá Industrial Subdivision, San Germán, Puerto Rico.

Section 2. The Authority shall make available to the Consumer a supply of electric power and energy in the amount of 3,000 KVA, which shall be the Contracted Load under this agreement. The Authority shall not be bound to supply electric power and energy to the Consumer in an amount greater than 110% of the Contracted Load provided for in this Section. Should the Consumer require a larger amount of power and energy it shall make a one year written application therefor to the Authority, which, if able and willing to furnish it, will allow the increase applied for. In which case it will be necessary to modify the Contracted Load to reflect such increase not later than 15 days after the Authority has given written notice to the Consumer that it is ready to make available and serve the additional amount of power and energy.

Section 3. The Consumer agrees to pay to the Authority for the electric power and energy received in accordance with rate schedule LP-16. Copy of rate schedule LP-16, together with the General Terms and Conditions of the Authority for the furnishing of electric service, are attached hereto and form part of this agreement.



Section 4. In consideration of the reservation by the Authority for the Consumer's use of a large amount of power and energy which involves substantial investment of funds by the Authority, it is agreed that notwithstanding the provision of Section 3 hereof, the Consumer agrees further to pay a monthly minimum demand charge, the seventh month of service and each month thereafter, which shall not be less than \$1.35 per KVA multiplied by 60% of the maximum amount of the Contracted Load as stipulated in Section 2 hereof.

Section 5. The Consumer hereby grants to the Authority such rights in, over and across its property as the Authority deems necessary or desirable to permit the construction, maintenance, operation, and replacement of the distribution lines required to supply power and energy to the Consumer hereunder and such other facilities as the Authority deems necessary or desirable to serve the loads of other customers of the Authority in the area. All rights-of-way and access rights shall be at locations mutually satisfactory to the Authority and to the Consumer. In case it should be necessary to obtain easements, or permits to cross or make installations in properties of third parties to enable the Authority, to give any additional services require under this agreement, the Authority shall not be obligated to give such additional service unless the Consumer obtains the necessary permits or easements from such third parties.

Section 6. In consideration of the payment by the Consumer of the monthly Kwh consumption the cost of which shall not be less than that corresponding to the minimum monthly bill established in Section 4, the Authority agrees to perform the necessary work to furnish electric service to the installation of the Consumer described in Section 2 hereof. The Consumer shall operate and maintain, at its own expense, the 3,000 KVA substation arrangement to step down the primary voltage of 38 KV to the operating bus voltage at the Consumer's building. This substation shall be equipped with the necessary transformers, lightning arresters, fuses, air disconnects, and the necessary low tension equipment. All relays and protective equipment will be installed and operated in accordance with Authority's specifications, coordination and approval. The Consumer agrees to operate this substation in such a manner that will not create undue fluctuations on the Authority's system. The Authority will provide the equipment as deemed necessary to protect its own facilities.

Section 7. Electric energy shall be delivered to the Consumer at the "Point of Delivery" as defined in the General Terms and Conditions of the Authority for electric service and through a single meter for each establishment or venture of the Consumer; provided, that in no case electric power and energy shall be delivered through a single meter to more than one natural or artificial person.



Section 8. If during the life of this contract new rates that are higher or new rates that are lower than those hereinbefore stipulated are established for like conditions of service, the furnishing of electric power and energy to the Consumer shall be continued and the Consumer hereby agrees to pay for such service at the higher or lower rates from and after the date when such new rates are made effective. Nothing herein contained shall be interpreted as a waiver of the right of the Consumer to object any proposed increased in the rates applicable to the Consumer under this agreement. In case the rates applicable to the Consumer are increased, the Consumer shall have the right to terminate this agreement effective two years from the date it notifies the Authority of its intention to do so.

Section 9. The Authority may discontinue service in accordance with the Terms and Conditions governing the Authority's rate schedules, which form a part of this agreement.

Section 10. If the Consumer fails to comply with or perform any of the conditions or obligations hereof on the Consumer's part to be complied with or performed, then the Authority shall have the right to cut off the supply of electric energy and to terminate this agreement. In case of such termination, the Consumer agrees to pay to the Authority, as liquidated damages in addition to all amounts owed for electric service rendered to the date of such termination, a sum of money equivalent to the product of the monthly minimum charge stipulated in Section 4 hereof by the number of months remaining of the unexpired portion of this agreement.

Section 11. This agreement shall become effective on the day in which the installation of the Consumer is connected to the lines of the Authority as evidence or, at latest, fifteen (15) days after the Authority has notified the Consumer in writing that is ready to serve the Consumer facilities.

Section 12. The Consumer agrees to notify the Authority of any change of name prior to the date in which such change will take place to enable the Authority to contract the service under the new firm's name.

Section 13. The Authority will bill the Consumer for power and energy made available during the preceding month as defined herein as soon hereinafter as practicable. The Consumer shall pay such bill within twenty (20) days after the post mark date of the bill. To any amount so bill and remaining unpaid twenty (20) days after post mark date of the bill, shall be added a penalty of 1% and an additional 1% of the then unpaid amount shall be added for each succeeding thirty (30) days period until the amount is paid in full. All payment shall be made to the Authority at its offices at Ponce de León Avenue, Stop 16 1/2, Santurce, or at such other place as the Authority may from time to time designate by notice to the Consumer. Upon failure of the Consumer to pay for power and any facilities charges or equipment rental as contracted for herein within thirty (30) days after the date of any bill the Authority shall have the right upon reasonable notice to discontinue the supply of power, and may refuse to resume delivery so long as any such past due account remains unpaid. Discontinuance of supply under this section shall not release the Consumer of its liability for the minimum monthly charges, facilities charges and rental charges.



For purposes of billing the term month in the body of this agreement and the attachment hereto if any, shall means the period of consumption of electric energy of approximately thirty (30) days in which rates schedules of electric service of the Authority are based.

Section 14. As soon as the maximum demand in the factory for air conditioning in connection with the manufacturing process exceeds 20%, the Consumer will notify the Authority which after verifying such load for air conditioning by actual measurements, will start charging the Consumer at \$1.00 per KVA of maximum demand in accordance with rate schedule stipulated in Section 3 in the first bill to be rendered following the actual measurement of the air conditioning load. DOIT

Section 15. This agreement shall be in force for a period of two (2) years and thereafter will continue to be in force until after the receipt by either party from the other of sixty (60) days advanced written notice to terminate it.

Section 16. This contract supersedes the contract entered into between the Digital Equipment Corporation and the Puerto Rico Water Resources Authority for the supply of electric service to the Digital Equipment Corporation factory, described in Clause, 1, signed on December 31, 1969, which is automatically rescinded as of the effective date of this contract.

Signed this

PUERTO RICO WATER RESOURCES  
AUTHORITY

DIGITAL EQUIPMENT CORP.

By: \_\_\_\_\_  
Félix Córdova Díaz  
Executive Director

By: \_\_\_\_\_  
Jaime A. Ferrá  
Vice-President

By: Julio Negroni  
Acting Executive Director





# INTEROFFICE MEMORANDUM

DATE: April 7, 1972

SUBJECT: STATUS OF EXPANSION PROJECTS 4-6-72

TO: Lon Beaupre

FROM: Hiram Quiñones

## I. Inside Work

- A. Air Conditioning - Completed and in service.
- B. Lighting and Power - Completed and in service.
- C. Sprinkler System - Completed and in service.
- D. Fire Doors - Waiting for parts - incompleted, partial shipment received on 3-26-72. (Ordered by Maynard, Plant Engineering on 2-18-72).

## II. Outside work

### A. Electrical

- 1. Transformer expected 4-12-72.
- 2. Sub-station schedule completion 4-28-72.
- 3. Sub-station to be in service after completion of high voltage line by PRWRA - May 5, 1972.

### B. Fire Protection

- 1. Water storage tank schedule completion 4-20-72.
- 2. Pump House (civil part) 4-15-72.
- 3. Backfill of trenches 4-14-72.
- 4. Test of fire loop 5-1-72.
- 5. Tie-in of additional water source awaiting for approval from ASA (Westside connection).

## III. Emergency Generator

Emergency Generator expected to leave the vendor factory on 5-30-72. Generator's cost is \$38,791. (bought in Maynard). Installation cost of this equipment with civil work estimated to be \$16,200.

...//...



Equipment Cost-USA . . . . .	\$38,791.00
Installation Cost-P.R. . . . .	\$16,200.00
Contingency - 5% . . . . .	<u>\$ 2,759.00</u>
TOTAL COST. . . . .	\$57,750.00

NOTE: (1-A) \$65,000. - Capital Equipment Appropriation was approved on 12-23-71.

(1-B) If this project is cancelled, (hook-up of existing generator will cost approximately \$6,029.). Total load without A/C unit = 558 KVA apparent power.

#### IV. Parking Lot Facilities

The parking area when finished will have a total capacity for 320 cars. Estimated completion date expected on 4-18-72.

Proposed - Parking Lot - P.R.-5403 . . . . \$33,628.00  
(254 car capacity - 1-19-72)

Expansion - P.R. 5500 . . . . . \$ 6,795.20  
(66 car capacity approved 3-3-72)

Change order I- 298 Curb - Westside . . . . \$ 596.00  
not included on DW. No. 101-092 and  
requested by L. Beaupre

Earth Removal Job. . . . . \$ 1,000.00

Drain System - Deduct . . . . . \$ 1,200.00

TOTAL COST . . . . . \$40,819.20



*Status of Expansion Projects*

*Page 3*

*4-7-72*

*V. New Office Layout*

*Carpenters from Maynard arrived on 3-27-72. Schedule completion - 4-28-72.*

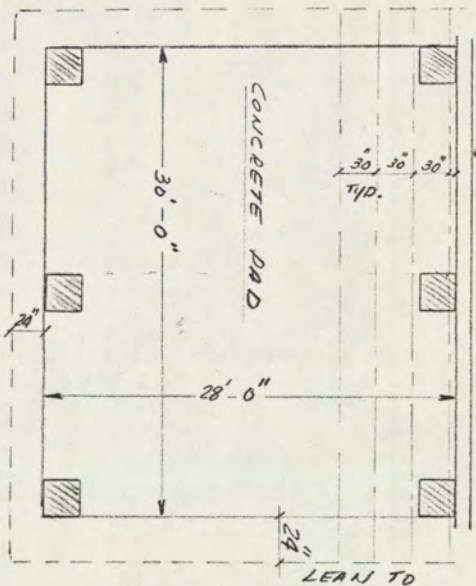
*VI. Future Projects*

- A. Removal of existing plain and barded wire fence, and concrete posts around the building.*
- B. Construction of access roadway to the fire protection pump house area.*
- C. Construction of drainage facilities in the north area of phase II building.*
- D. Installation of two glass doors in phase II to replace the standard Pridco doors.*
- E. Provide facilities for chemical disposal (flux, oil-Triethylene Chloride).*

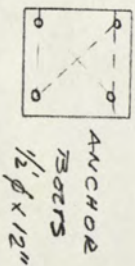
*cc: George Beebe  
Pete Mackey*



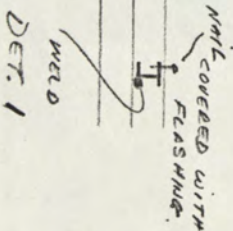
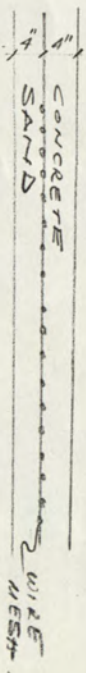
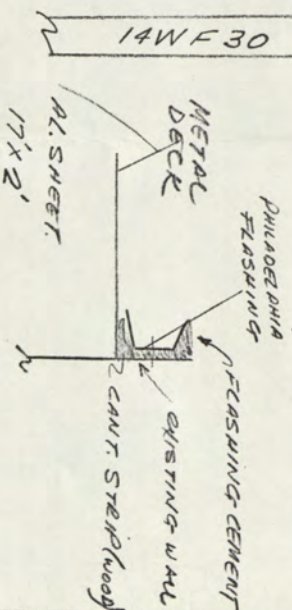
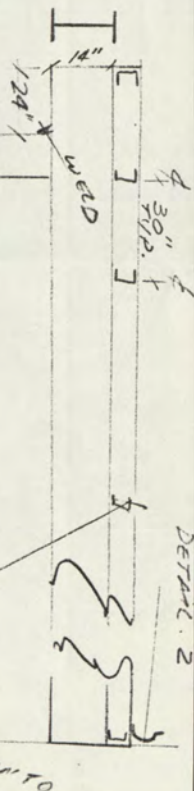
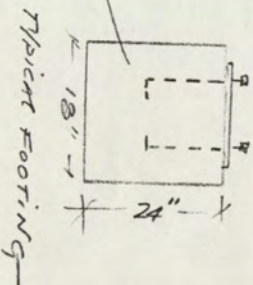
EXISTING BUILDING



I  
BEAM COL.  
TYPE 14WF30



REINFORCE  
CONCRETE



EMERGENCY GENERATOR

CONCRETE PAD

DIGITAL EQUIP. R.R.

FOR QUOTATION ONLY



P.R.

Memo  
X/R Budget

digital

# INTEROFFICE MEMORANDUM

DATE: February 24th, 1970

SUBJECT:

TO: Al Hanson  
cc: Phil Wood

FROM: Cy Kendrick

We wish to install a generator in Puerto Rico during fiscal 1971.

Will you include it as part of the Plant Engineering Budget or should it be budgeted in Puerto Rico?

CK/jap

50K  
R hady. t Cy  
Guth White  
We will include  
file this copy in folder to 1971  
budget. Copy to Phil  
Feenay



DEC Memos  
Cy Kendrick

**digital**

# INTEROFFICE MEMORANDUM

DATE: August 13, 1969

SUBJECT:

TO: Jan Wouters

FROM: Cy Kendrick

Hoods are O.K.

It comes to mind that we will require a third hood  
for the new line.

Will get back to you on colors Monday.

Cy

mo  
encl.



# Tinning

Cy Kendrick

(P.R.)

IN FO-ON.

File in  
Box

① LARGE SOLDERING MACHINE

w/ hood - spec to follow

① 25 small machines

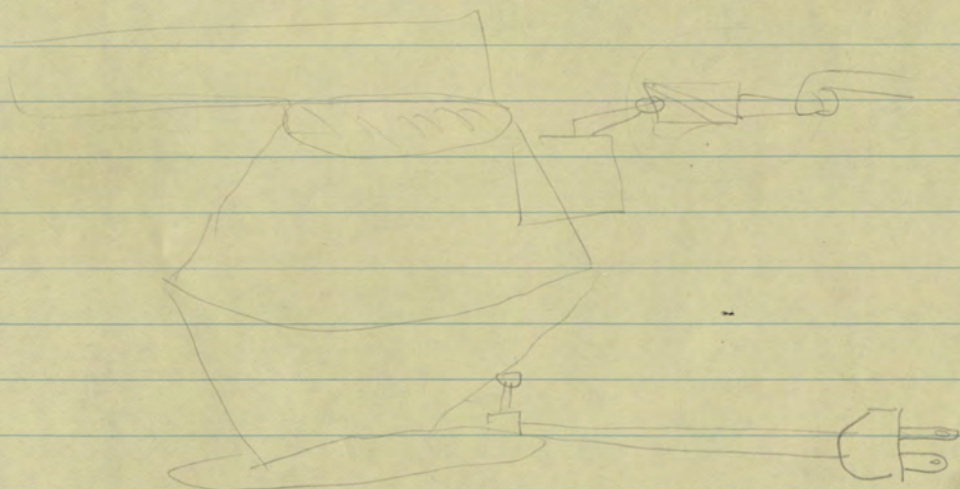
HOODS AS 15 - NAUSET HOODS

② INFO ON TINKING PITS

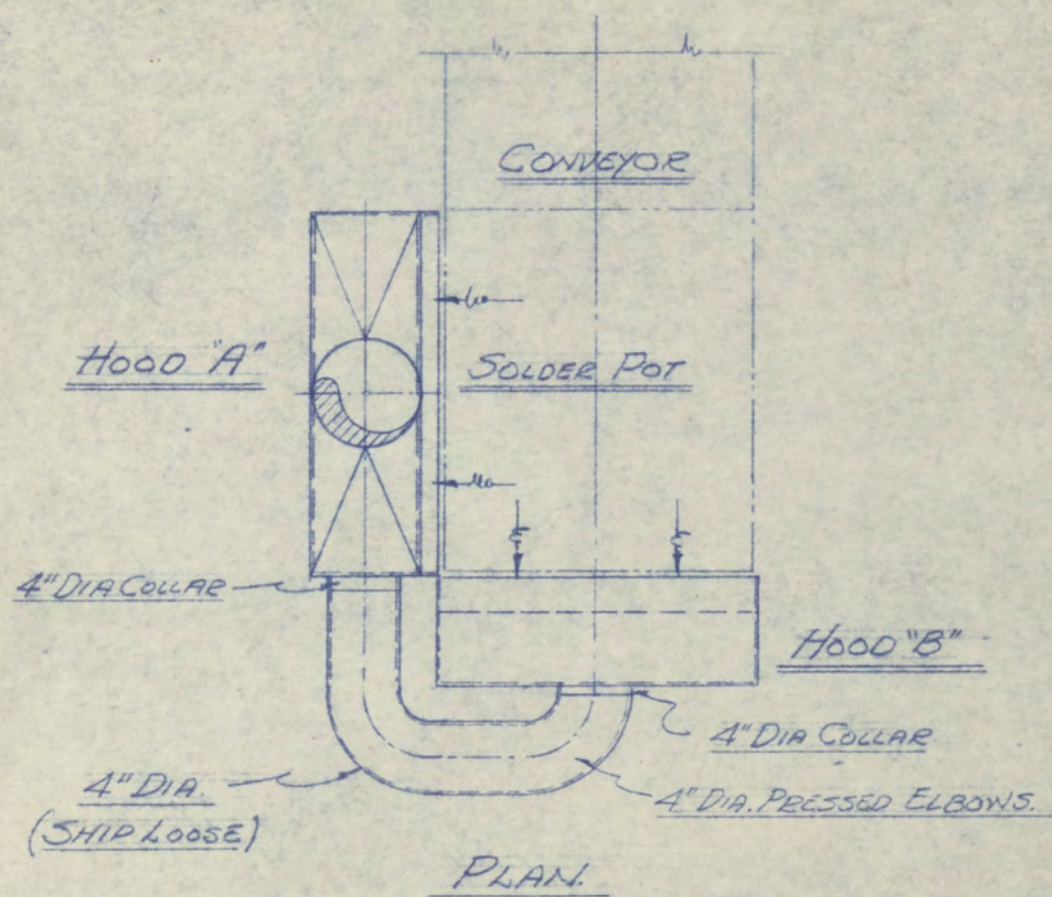
6-4

1 - SQUARE

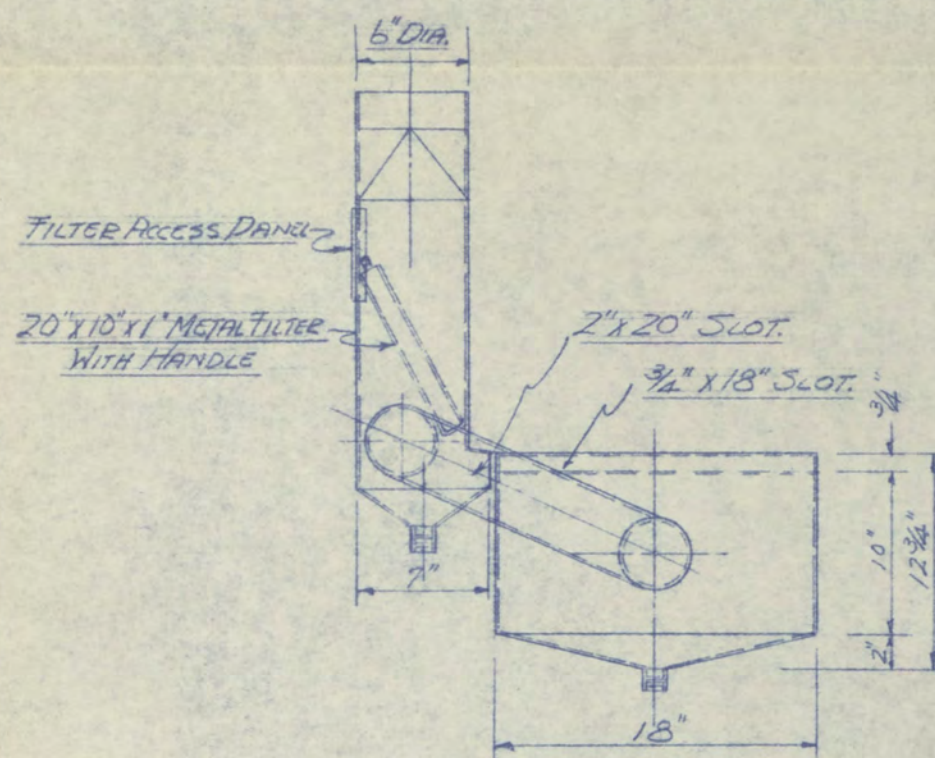
NOTE ③ are there T&E SINKS w/ TINKING PITS



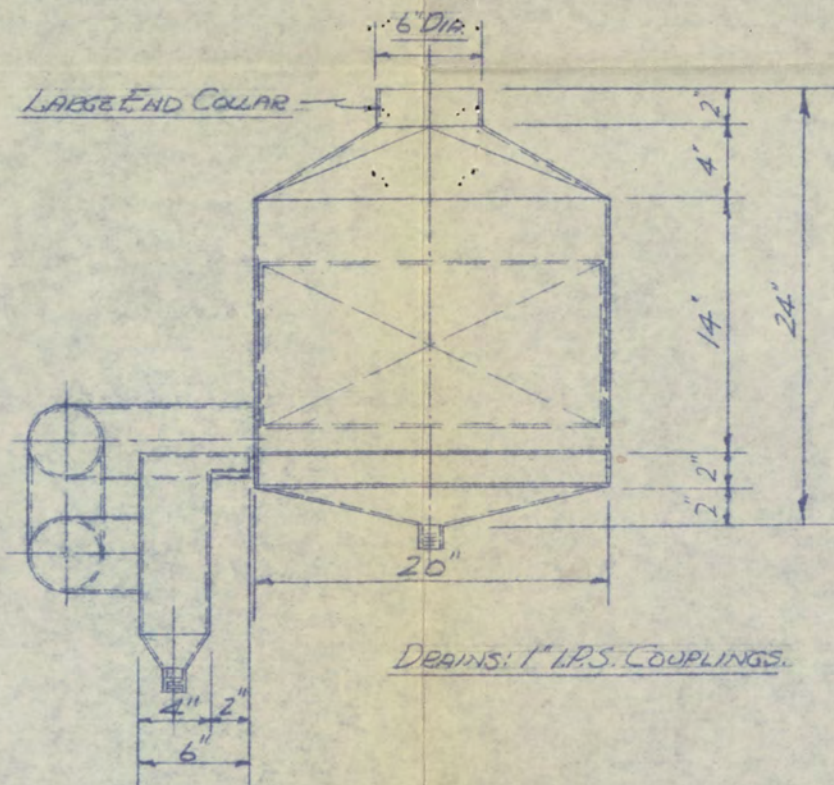




HOODS - NO. 24 GA. GALV. STEEL



END



SIDE

NOTE:

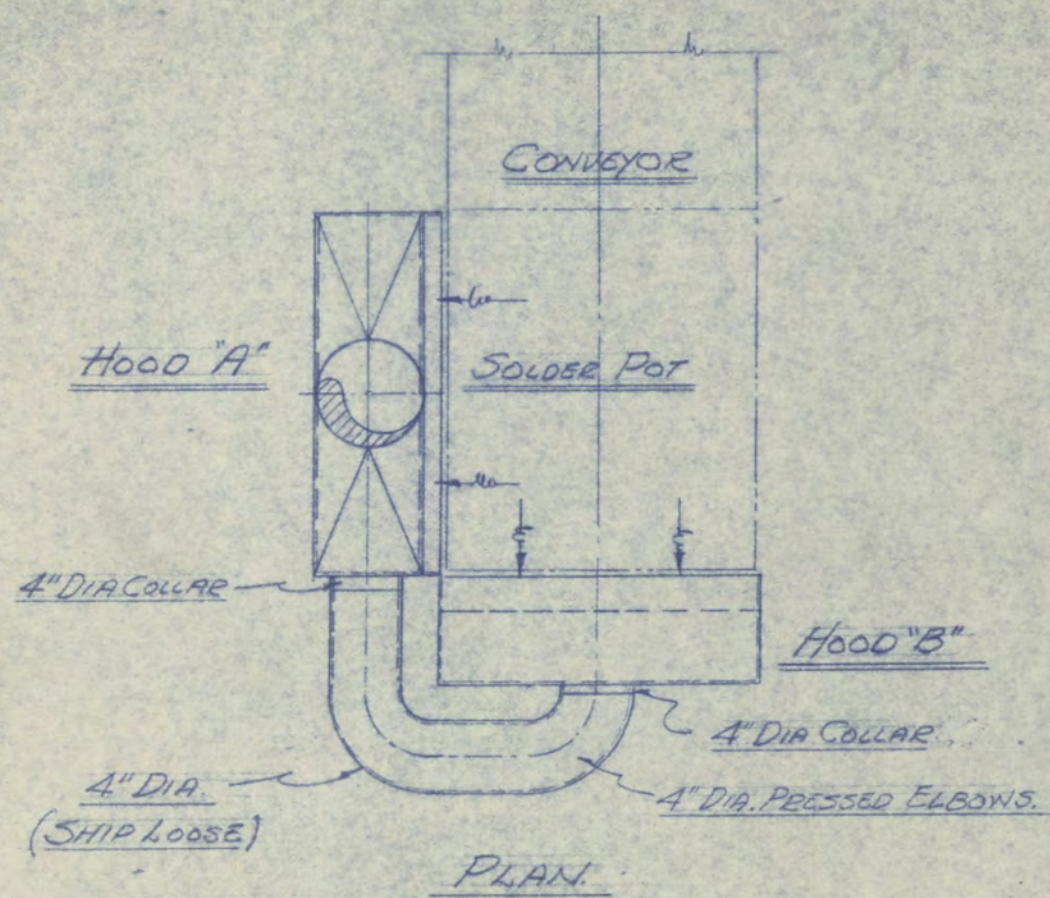
AIR REQUIREMENT - 400 C.F.M.

ALL SEAMS AND JOINTS SOLDERED WATER TIGHT.

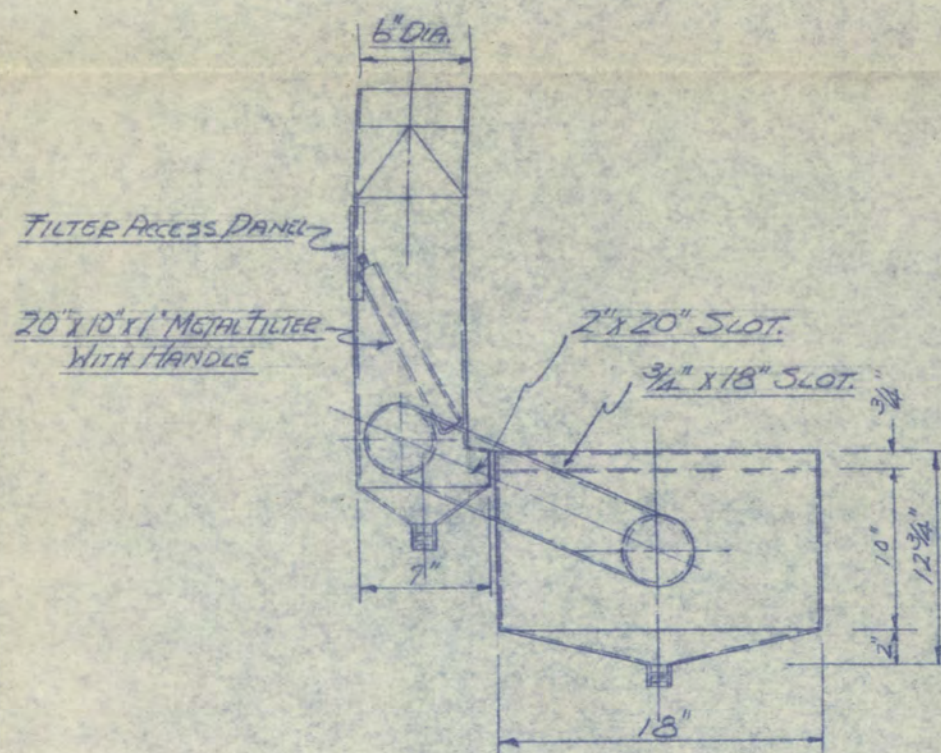
*PR #3*

FUME EXHAUST HOODS	
P.R. SOLDERING LINE	
DIGITAL EQUIPMENT CORP.	
MAYNARD	MASS.
NAUSET ENGINEERING & EQUIPMENT INC.	
NEWTONVILLE,	MASS.
SCALE 1/2" = 1'-0"	DWG. NO. 6994-1-B
DATE Jun 17, 69	DRAWN BY Gates

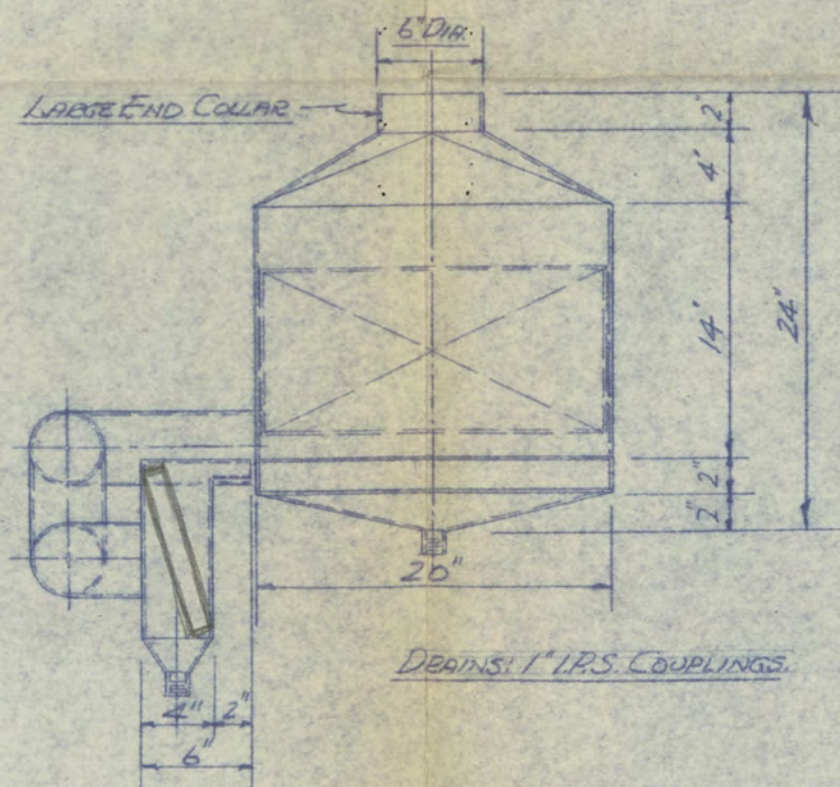




HOODS - NO. 24 GALV. STEEL



END



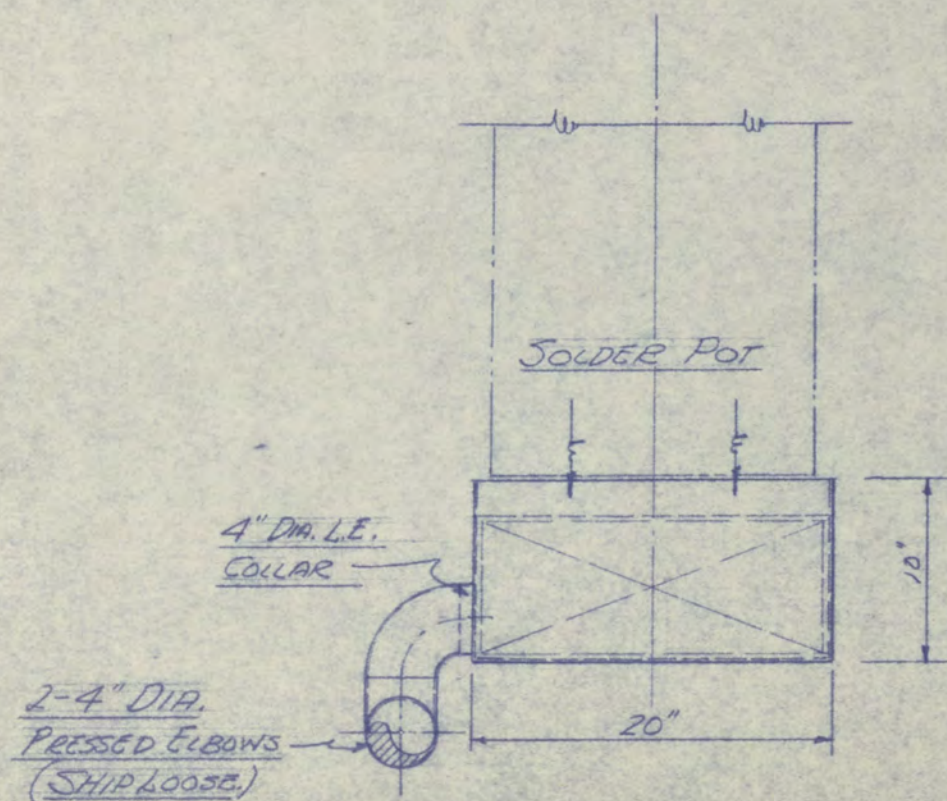
SIDE

NOTE:  
AIR REQUIREMENT - 400 C.F.M.

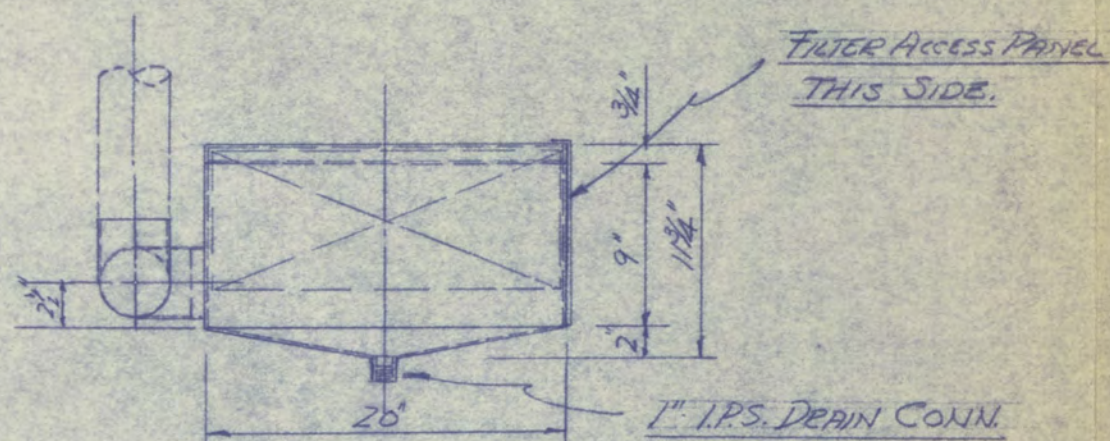
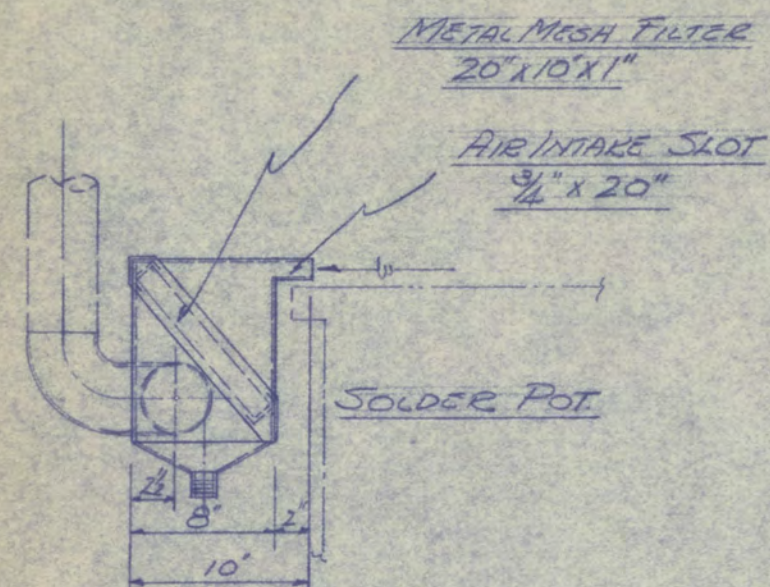
ALL SEAMS AND JOINTS SOLDERED WATER TIGHT.

R.P. <u>FUME EXHAUST HOODS</u>	
<u>SOLDERING LINE</u>	
<u>DIGITAL EQUIPMENT CORP.</u>	
<u>MAYNARD</u>	<u>MASS.</u>
<b>NAUSET ENGINEERING &amp; EQUIPMENT INC.</b>	
NEWTONVILLE, MASS.	
SCALE <u>1 1/2" = 1'-0"</u>	DWG. NO. <u>6994-1-B</u>
DATE <u>July 17, 69</u>	DRAWN BY <u>SPJ/JS</u>



PLAN.NOTES

MATERIAL - N° 24 GA. GALV. STEEL  
SOLDER ALL CONNECTIONS WATER TIGHT.

BACKSIDE.

AIR REQUIRED - 300 C.F.M.

TUME EXHAUST HOOD  
SOLDERING LINE.

DIGITAL EQUIPMENT CORP.  
MAYNARD MASS.

NAUSET ENGINEERING & EQUIPMENT INC.

NEWTONVILLE,	MASS.
SCALE <u>1 1/2" = 1'-0"</u>	DWG. NO. <u>6994-1-B</u>
DATE <u>SEPT 5, 1969</u>	DRAWN BY <u>GPS</u>

1. SEPT. 5, 1969 RE-DRAWN



*Memo*

digital

# INTEROFFICE MEMORANDUM

DATE: May 27, 1969

SUBJECT: Start-up of Footware Building  
in Puerto Rico

6-496-58

TO: Ed. Schwartz  
Al Hanson ✓  
Reeves Akin

FROM: Cy Kendrick

To be in the cable business in Puerto Rico by August  
1st the following must happen no later than June 16th:

1. Sign the lease
2. Have proper insurance coverage
3. Start electrical contractor.

Can do?

Cy

/mo



*Memo*

**digital**

INTEROFFICE MEMORANDUM

DATE: May 9, 1969

SUBJECT:

TO: Al Hanson

FROM: Cy Kendrick

*Take out of Canada.*

We are seriously thinking of manufacturing cables in the footwear factory at the San German industrial park.

*Aug.*

Since it will be short term would like to go with a minimum expenditure.

While you are there will you look over the plant and give us an estimate of cost to set up a cable area for a maximum of fifty girls.

The only power requirement will be 110 volts.

If you need more information call Mary for a meeting before you leave...

Thanks,

Cy

mo

*Aug.*

*lighting*

*benches*

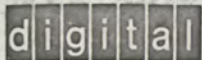
*110V.*

*602*

*no air*

*Air Cond - no.*





## INTEROFFICE MEMORANDUM

DATE: October 15, 1968

SUBJECT: ACQUISITION OF BUILDING #2, SAN GERMAN, PUERTO RICO

TO: Operations Committee

FROM: Cy Kendrick

Present plans indicate that the maximum number of employees that can be housed by building #1 in San German (100) will be reached by January, 1969. Because module schedules for the fourth quarter of fiscal 1969 requires a total of 150 direct labor employees, it becomes necessary to acquire additional manufacturing space, add lease-hold improvements, move part of the present facility, and start production in building #2 by mid-February (see attached chart).

Using present module standard times as a guide, the acquisition of building #2 will allow us to expand our module output from the 50,000 module maximum output possible from building #1 with 100 direct labor employees, to the 80,000 modules scheduled in June with 150 employees. It will also allow space for expansion to 250 employees, and a monthly module output of 125,000.

The total expenditures for the new facility will not exceed the budgeted amount of \$58,500 with the following breakdown:

1. Lighting and power	\$20,000
2. Mechanical work	12,000
3. Air conditioning & installation	13,500
4. Dehumidification	6,000
5. Partitions	2,000
6. Exterior	3,000
7. Treat floors	1,000
8. Miscellaneous	1,000

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\$58,500

Cy

tmv



PUERTO RICO PLAN

[illegible]

PUERTO RICO CAPITAL EQUIPMENT

Handle stamp			1
22T press			
Sep. dies	1		
Double eyelet		1	
Insert. mach.	1		1
Wave Sol. mach.	1		1

[illegible]



**digital**

## INTEROFFICE MEMORANDUM

*Memo  
Re: Capital Equipment  
+ Facilities*

DATE: May 6, 1968

SUBJECT: START UP COSTS IN PUERTO RICO FOR CAPITAL EQUIPMENT SUPPLIES  
AND FACILITIESTO: Pete Kaufmann  
cc: Al Hanson  
Bill Owens

FROM: Cy Kendrick

Capital Equipment Req. to date	\$ 33,000
Supplies & Facilities to date	38,000 >
	<hr/>
Total Written:	\$ 71,000

## To be written Capital Equipment:

Inserting Machines	\$ 17,000
Degreaser	10,000
Separation dies	10,000
Office equipment	3,000
Shipping & Receiving	10,000
	<hr/>
	50,000

Estimated Facilities includes installation }	Electrical supplies	15,000
	Plumbing supplies	15,000
	Air conditioning	18,000
		<hr/>
		48,000 >

GRAND TOTAL:	169,000
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Cy

tnv