FILE FOLDER

DESCRIPTION ON TAB:

Rew Water Pumps

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Confidential Records Management, Inc. New Bern, NC 1-888-622-4425 9/08

RAW Water Beester PUMP INFO - BACK OF Folder

DEPARTMENT OF THE NAVY Resident Officer in Charge Bureau of Yards and Docks Contracts Marine Corps Base, Camp Lejeune, North Carolina

In reply refer to:

48-50:HFU:038 HDy-24218 27 January 1960

A. Lowing and Company.
 P. O. Box 738
 Goldsboro, North Carolina

Re: Contract NBy-24218, Bohabilitation of Rew Mater Supply, Marine Corps Base, Camp Lejeune, North Carolina

Gentlemen:

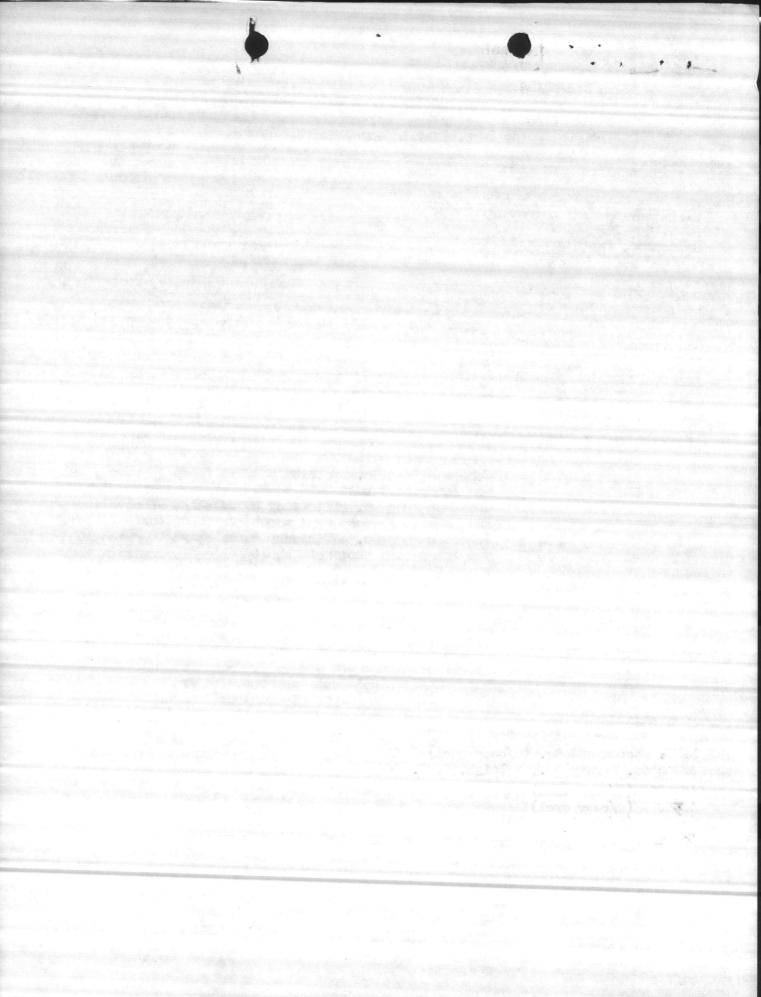
We are returning _____ herewith, _____ under separate cover the following shop drawings or data sheets with action indicated:

No. of Dwgs	Dwg No.	Description	<u>Action</u>
4	6792	Johnston Funp Co. officiency curve and laboratory test data shoot	chart Approved, subject to contract requirements
4	8793	Johnston Pump Co. officiency curve and laboratory test data aboot	
4	8794	Johnston Pump Co. officiency curve and laboratory test data sheet	chart Approved, subject to contract requirements

Vory truly yours,

W. F. UBER, Jr. ENS OEC USH Assistant Resident Officer in Charge of Construction

Copy to: DPSO FIVE (0-320)(u/copy encl) L. E. Wooten and Co. (u/copy encl) 306 So. Dawson St., Raleigh, N. C. 4E-520 (u/copy encl) >4E-550 (u/copy encl) Records (u/2copies encl) Board



MARINE CORPS BASE, CAMP LEJEUNE, N. C.

ROICC

No. 210

Date 19 Jan 60

From L. E. Wooten and Co.

Subject NBy-24218 - Shop Dwgs. Nos. 8792, 8793 & 8794 Johnston Pump Co. -CODE-

Action 1.

6. Investigate

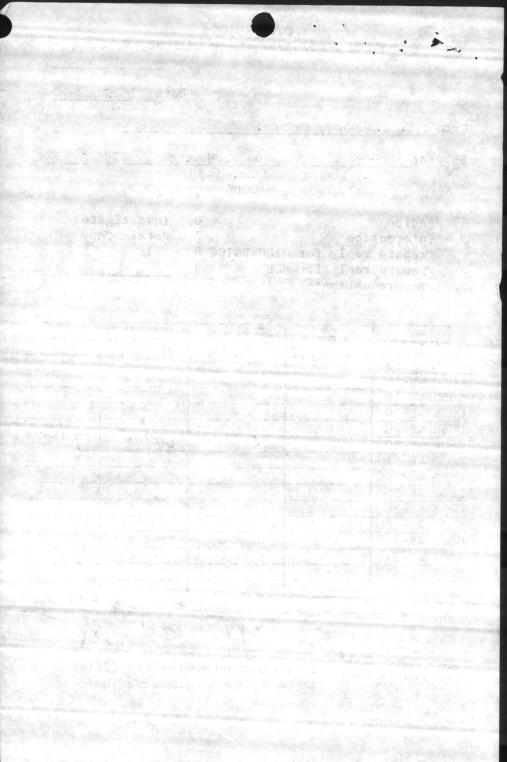
2. Information 7. Retain Copy

File

- 3. Prepare reply for OICC/ROICC 8. 9.
- 4. Prepare reply for MCB
- Prepare estimate E.,

SEQUENCE INITIAL DATE CODE ROUTING CODE 4E-10 CODE 4E-10A CODE 4E-15 CODE 4E-16 **CODE 4E-20** CODE 4E-40 CODE 4E-50 CODE 4E-51 CODE 4E-100 CODE 4E-200 CODE 4E-300 CODE 4E-400 CODE 4E-500 CODE 4E-510 CODE 4E-520 the approved to TA the COUTR FILES REMARKS .

*(Routing slip will be returned to Central Office with correspondence attached unless otherwise indicated)



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29



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Confidential Records Management, Inc. New Bern, NC 1-888-622-4425 9/08

CIVIL, ELECTRICAL, MECHANICAL, STRUCTURAL AND SANITARY ENGINEERING SERVICES

L. E. WOOTEN AND COMPANY Consulting Engineers Raleigh, N. C. January 18, 1960

Department of the Navy Resident Officer in Charge Bureau of Yards and Docks Contracts Marine Corps Base Camp Lejeune, North Carolina

> RE: NBy-24218, Rehabilitation of Raw Water Supply Marine Corps Base, Camp Lejeune, North Carolina

Gentlemen:

We are enclosing herewith and recommend for approval, without comment, the following:

l copy each of shop drawings Nos. 8792, 8793 and 8794, Johnston Pump Co. laboratory test data and efficiency curve chart.

Very truly yours,

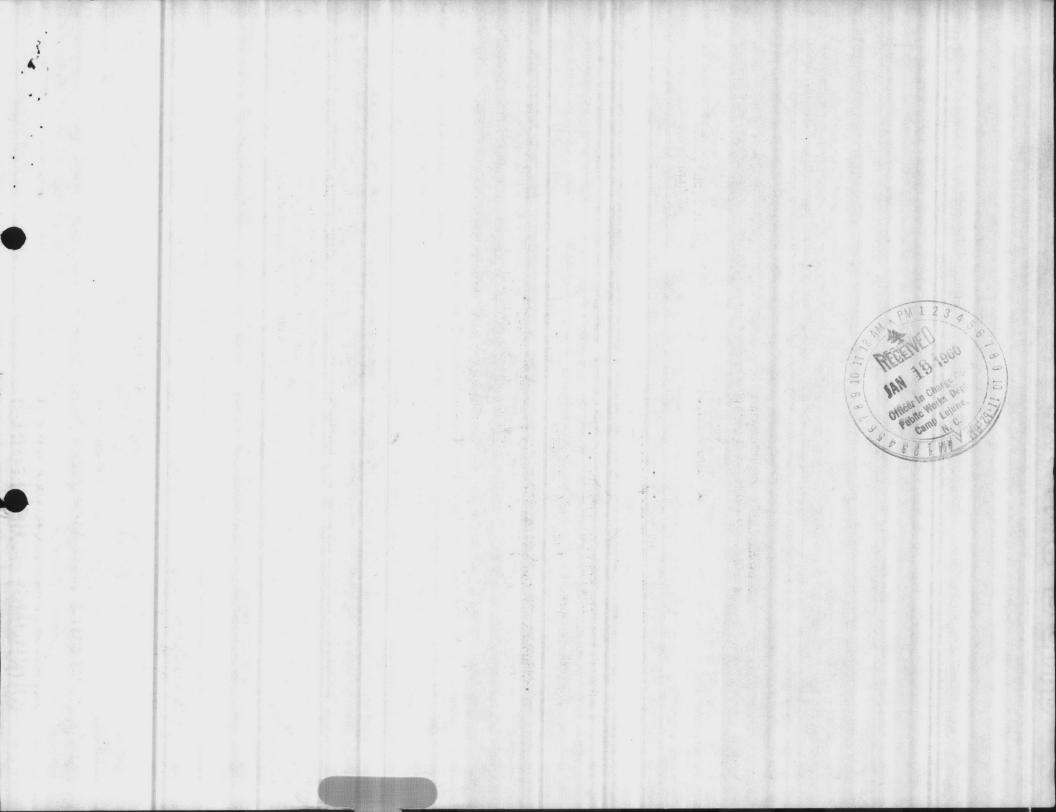
L. E. WOOTEN AND COMPANY

R.F. Booth Evro By.

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RFR/js Enclosures



DEPARTMENT OF THE NAVY RESIDENT OFFICER IN CHARGE BUREAU OF YARDS AND DOCKS CONTRACTS Marine Corps Base, Camp Lejeune, North Carolina

IN REPLY REFER TO:

4E-50:MFU:eis NBy-24218 13 Jamary 1960

L. E. Wooten and Company 306 South Dawson Street Raleigh, North Carolina

> Re: Contract NBy-24218, Rehabilitation of Raw Water Supply, Marine Corps Base, Camp Lejeune, North Carolina

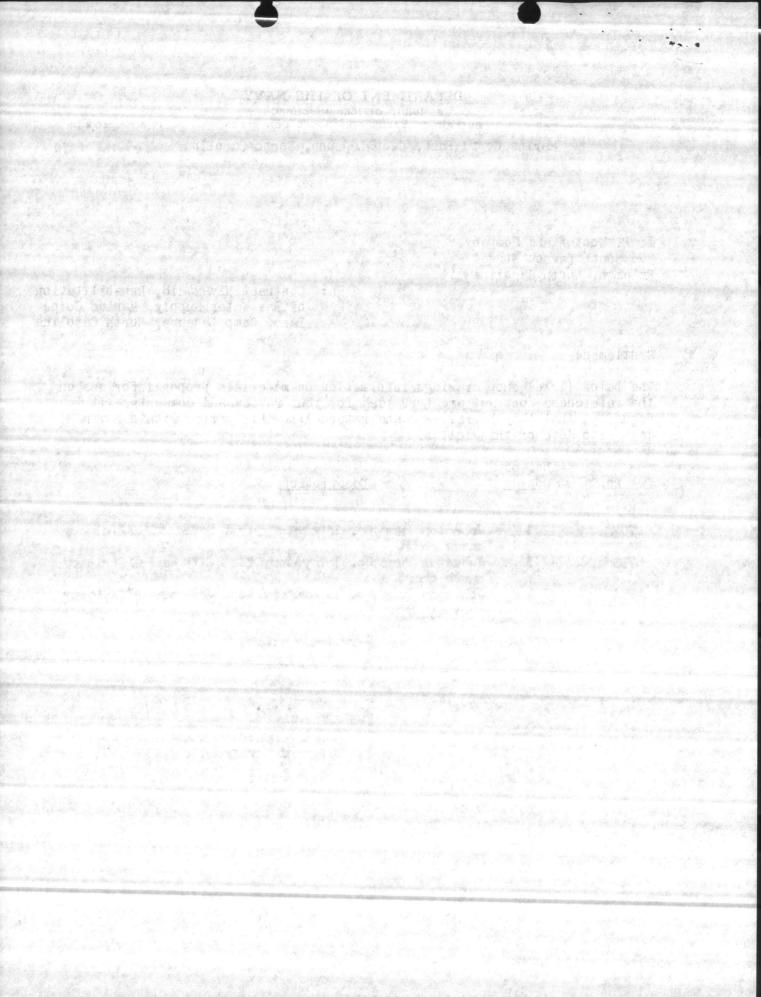
Gentlemen:

The below listed shop drawings/information on materials proposed for use on the referenced contract are forwarded for your review and comments. It is requested that they be reviewed and returned to this office within seven days from date of this letter.

Dwg No.	No. of <u>Copies</u>		Des	<u>scription</u>				
8792	1	Johnston Pump	Co.	laboratory	test	data	and	efficiency
8793	1	Johnston Pump curve chart	Co.	laboratory	test	data	and	efficiency
8794	1	Johnston Pump curve chart	Co.	laboratory	test	data	and	officiency

Very truly yours,

M. F. UBER, Jr. ENS CEC USN Assistant Resident Officer in Charge of Construction



OICC-ROICC

MARINE CORPS BASE, CAMP LEJEUNE, N. C. No. 171

Date 7 Jan 60

T. A. Loving and Co. From

Subject NBy-24218 - laboratory test data and curve charts - CODE-

- Action 1.
- Information 2.
- 3. Prepare reply for OICC/ROICC 8. 9.
- 4. Prepare reply for MCB
 - Prepare estimate

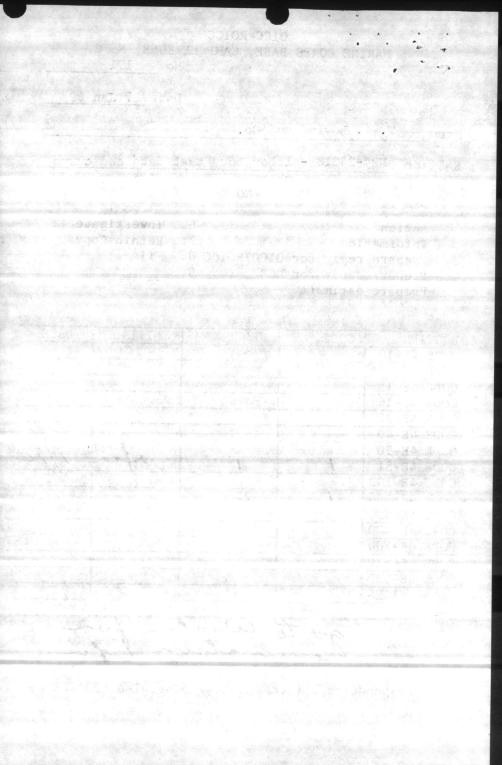
DATE INITIAL SEQUENCE CODE ROUTING CODE 4E-10 CODE 4E-10A CODE 4E-15 CODE 4E-16 CODE 4E-20 CODE 4E-40 CODE 4E-50 CODE 4E-51 CODE 4E-100 CODE 4E-200 CODE 4E-300 CODE 4E-400 CODE 4E-500 CODE 4E-510 CODE 4E-520 CONTR FILES

REMARKS:

go to woolen for

*(Routing slip will be returned to Central Office with correspondence attached unless otherwise indicated)

- Investigate 6.
- File
- Retain Copy 7.



DESIGN DIVISION ROUTING

Date / - 12-60

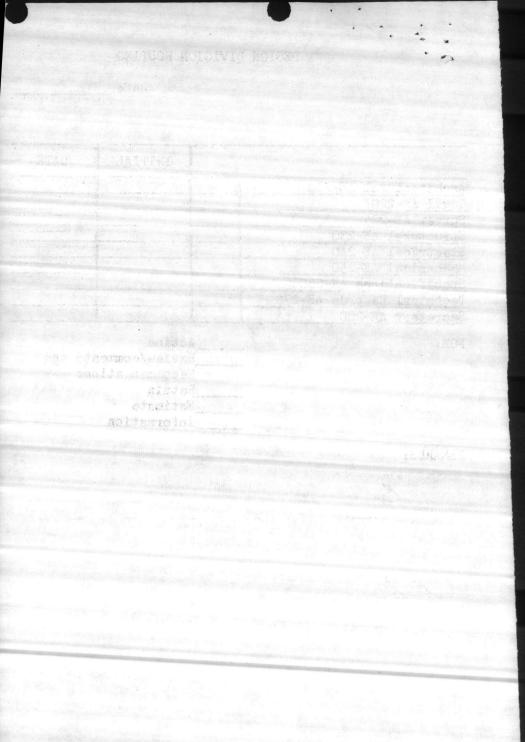
91, 2 4 4 4 4		INITIAL	DATE
Architectural 4E-210	1		
Civil 4E-220	12		
Survey 4E-225			
Structural 4E-230			
Electrical 4E-240			
Mechanical 4E-250			
Specifications 4E-260	T		Manager and American Manager
Technical Records 4E-270	1.0		
Secretary 4E-200			

FOR:

Action Review/comments and Recommendations Retain Estimate Information

REMARKS:

1



December 25, 1959

Resident Officer in Charge of Construction Building 1005 U. S. Marine Corps Base Camp Lejeune, North Carolina

Re: NBy 24218

Rehabilitation of Raw Mater Camp Lejeune, North Carolina

Gentlemen:

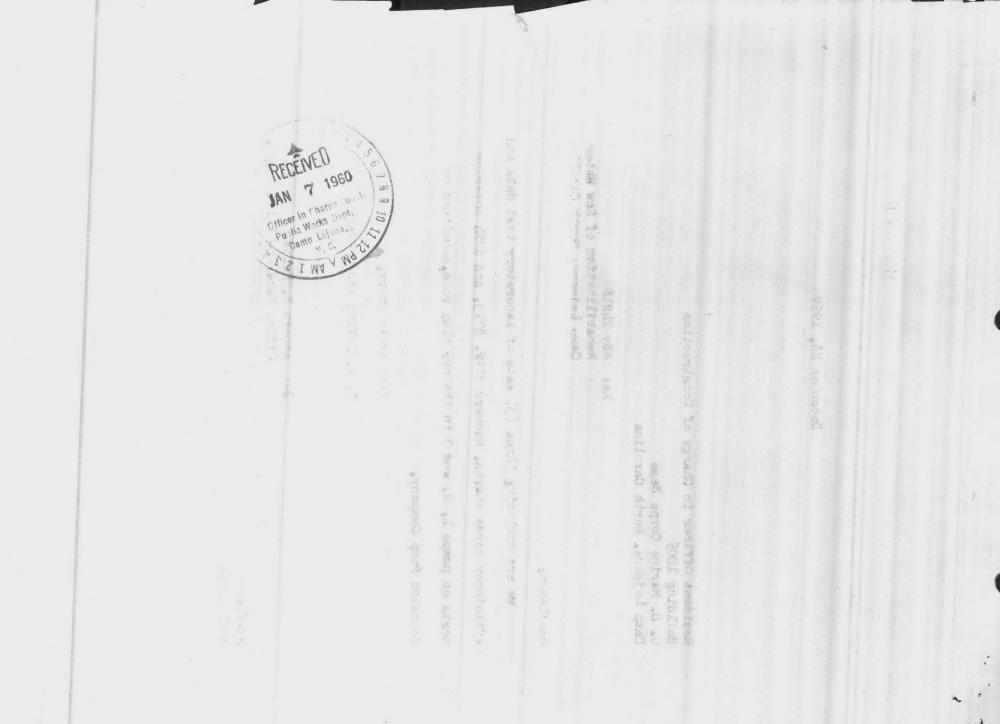
We are enclosing three (3) sets of laboratory test data and efficiency curve charts, Numbers 8792, 8753, and 879% covering tests on pumps 1, 2, and 3 in the new pump room, submitted by Johnston Pump Company.

Very truly yours,

T. A. LOVING AND COMPANY

Bes Hobert S. Hults Office Manager-Utility Dept.

HCH/1m Enclosures



OICC-ROICC

MARINE CORPS BASE, CAMP LEJEUNE, N. C. 215

> 20 Jan 60 Date

From	T. A	. Loving	and	Company
------	-------------	----------	-----	---------

Subject NBy-24218 - Lab. Test data and efficiency curve charts -CODE-

- 1. Action
- 2. Information
- Prepare reply for OICC/ROICC 8. 3.
- Prepare reply for MCB 4.
- Prepare estimate 5

SEOUENCE INITIAL DATE CODE ROUTING CODE 4E-10 CODE 4E-10A CODE 4E-15 CODE 4E-16 CODE 4E-20 CODE 4E-40 CODE 4E-50 CODE 4E-51 CODE 4E-100 CODE 4E-200 CODE 4E-300 CODE 4E-400 CODE 4E-500 CODE 4E-510 CODE 4E-520 detayed a conjunct CONTR FILES REMARKS:

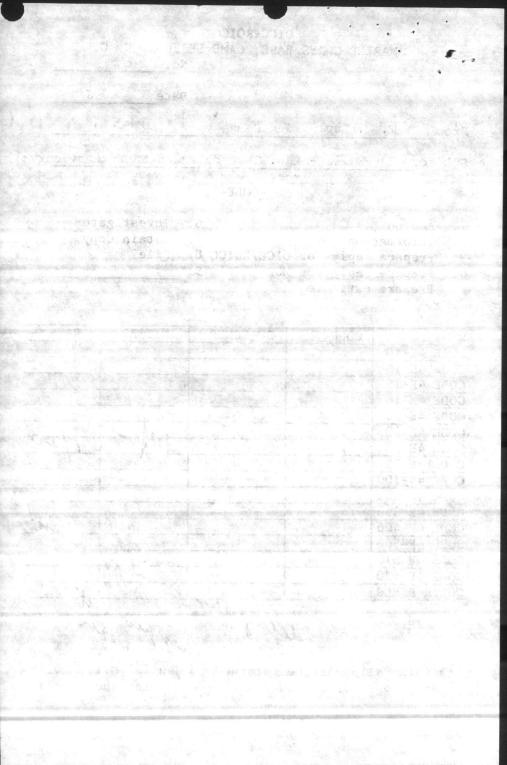
*(Routing slip will be returned to Central Office with correspondence attached unless otherwise indicated)

- Investigate
- Retain Copy
- File

9.

- 7.
- 6.

No.





T. A. LOVING AND COMPANY

GENERAL CONTRACTORS GOLDSBORO, N. C.

December 28, 1959

Resident Officer in Charge of Construction Building 1005 U. S. Marine Corps Base Camp Lejeune, North Carolina

> Re: NBy 24218 Rehabilitation of Raw Water Camp Lejeune, North Carolina

Gentlemen:

We are enclosing three (3) sets of laboratory test data and efficiency curve charts, Numbers 8792, 8793, and 8794 covering tests on pumps 1, 2, and 3 in the new pump room, submitted by Johnston Pump Company.

Very truly yours,

T. A. LOVING AND COMPANY

Robert S. Hultz

By: Robert S. Hults Office Manager-Utility Dept.

RSH/1m Enclosures

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COLDEBORO, V C

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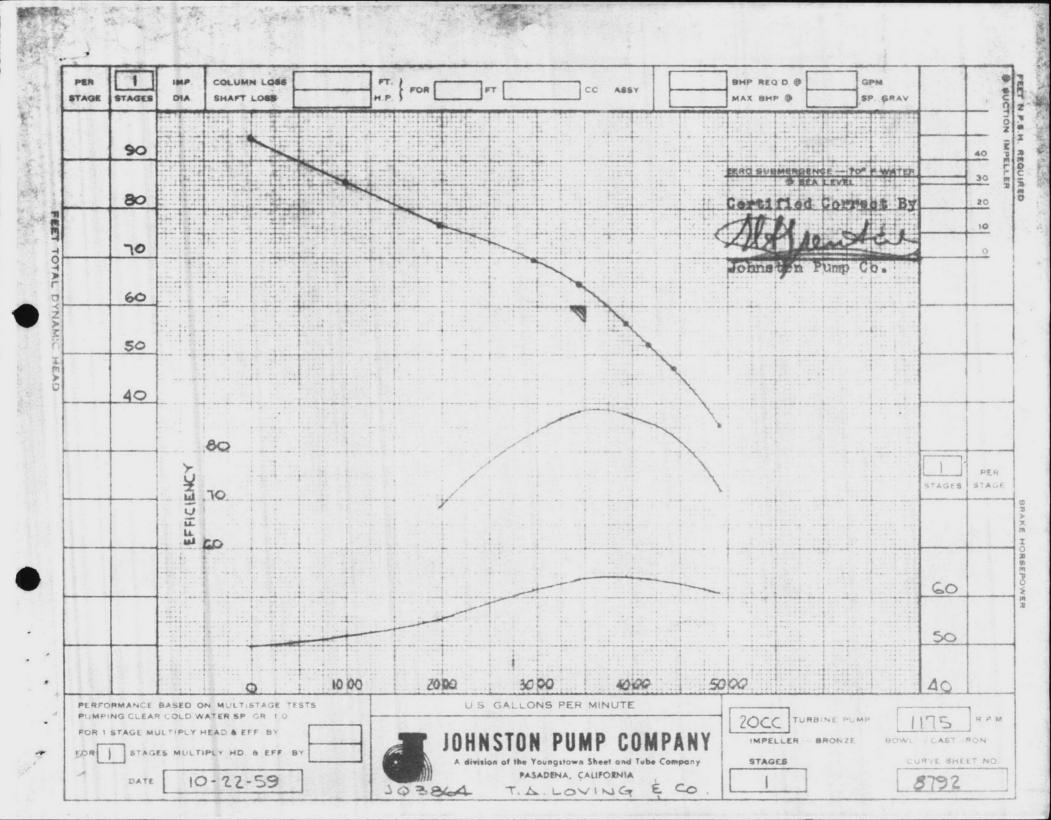
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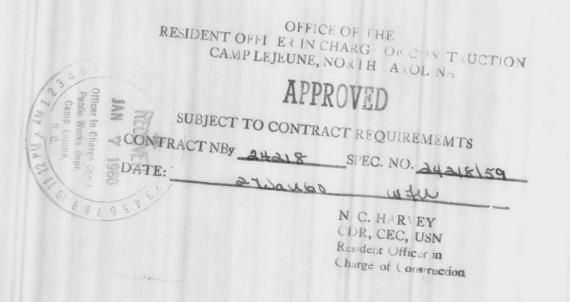
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E.

IOHNSTON PUMP COMPANY

3272 EAST FOOTHILL BLVD.

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31.35 4500 37.3 42.3 2.5 48.8 02.7

38.6 5000 26 29.5 3.1 36.5 89.7

CURVE NO. 8792 JOB NO. JQ 3864

67.2 11.96 86.0 1175 52.0 63.7

1197 83.7 4430 47.2 63.0

1198 72.0 4910 35.4 61.0

PASAD	ENA, C	ALIFORM	NIA				JC	B NAME_	T.A.	Lovin	<u>z & Co.</u>		
WATTME BEAM #	ETER	HP Ratio BELLO	Pole Cycle Transfor WS# Spar	24	в	OWLS <u>CI</u> Material C	VIT Coating	Material SUCTION (Dia-Exit- CASE <u>B</u>	Pitch Dell Type	GPM Head BHP Sp.Gr	3500 60 61.5	ом @ <u>117</u> 5 рм
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6.20	2000	66.2	. 75	5	79.5	81.4		53.2	1196	69.0	1965	76.0	5.03
3.94	3000	50.6	66.5	1.1	71.6	. 90.5		64.9	1196	83.5	2950	69.2	61.5
8.95	3500	.54.3	61.5	1.5	67.0	93.6		67,1	11.96	88.4	31,1+0	64.7	1-3.7
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lested by J. Hogan Date 10-21-59 R .903 Water Temp. °F Witnessed by A. G. Bellah R2 .966 Air Temp. °F Barometer HG *DWT R3= .950 Page of pages @ . Ft. Elev.

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APPROVED

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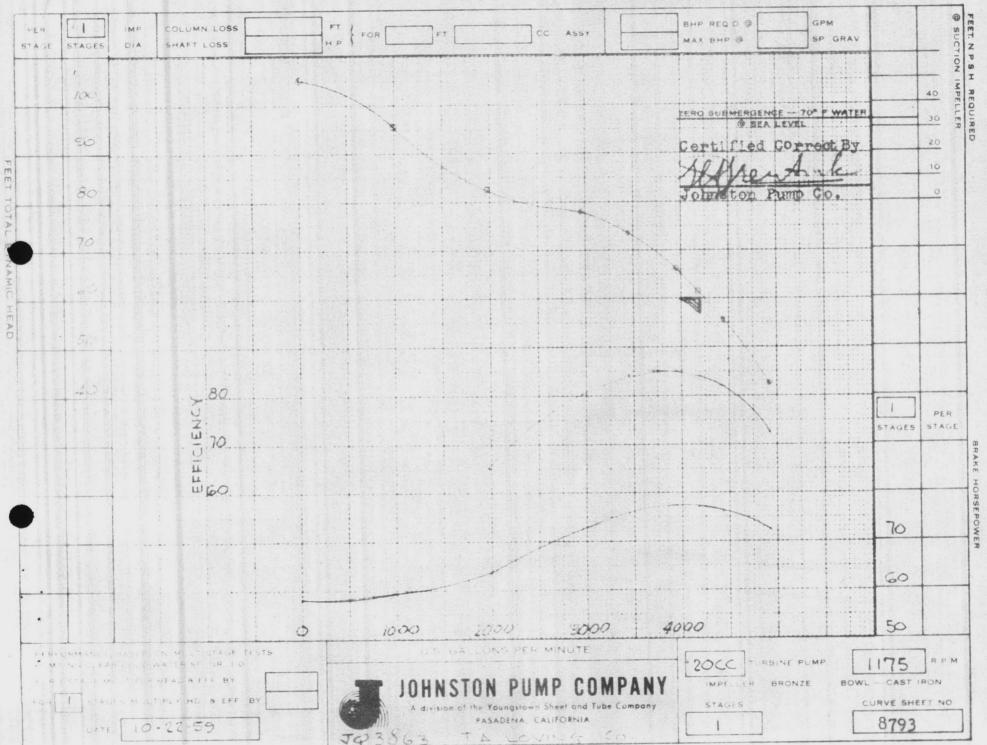
SUBJECT TO CONTRACT REQUIREMEMTS

CONTRACT NBy 24218 SPEC. NO. 24218159

DATE: 24 ban loo

N. C. HARVEY CDR, CEC, USN Resident Officer in Charge of Construction

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19/20

OFFICE OF THE RESIDENT OFFICER IN CHARGE OF CONTRUCTION CAMP LEJEUNE, NORTH A OL NO APPROVED SUBJECT TO CONTRACT REQUIREMEMTS CONTRACT NBy 24218 SPEC. NO. 24218159 DATE: 22 Jaulo N C. H R EY CDR, CEC, USN Resident Officer in Charge of onscruction

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	26.0	1,250	+ 50.4	57.2	2.2 63.4	113		.81	1195	84.0	4180	61.2	77.0
(.35	4500	45.2	51.3	2.5 57.8	112		80.2	1195	82.0	4425	55.8	76.3
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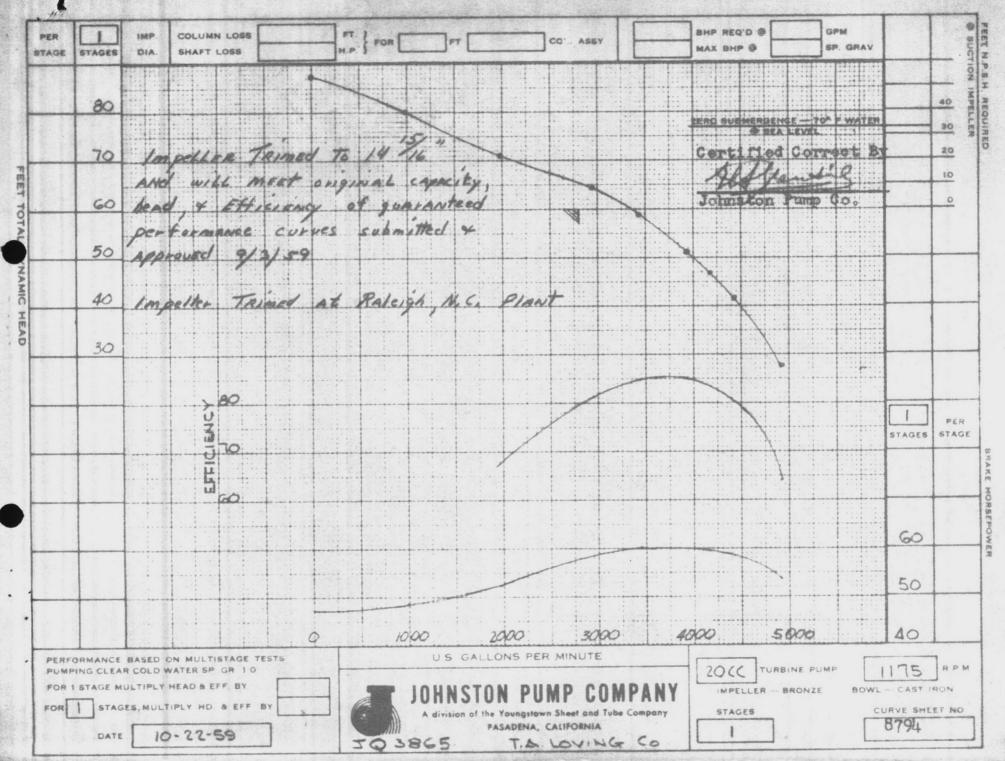
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SUBJECT TO CONTRACT REQUIREMENTS CONTRACT NBy 2028 SPEC. NO.24218159 DATE: 272000 N C. H-R EY CDR, CEC, USN Resident Officer in Charge of Construction

APPROVED

OFFICE OF THE RESIDENT OFFICER IN CHARG & OF CON TRUCTION CAMP LEJEUNE, NORTH JAKOL NA



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OFFICE OF THE RESIDENT OFFICE IN CHARG OF CONT. UCTION CAMPLEJEUNE, NORTH ANOL NA

APPROVED

SUBJECT TO CONTRACT REQUIREMEMTS

CONTRACT NBy 24218 SPEC. NO. 24218154

DATE: 27 Jaures

N. C. HAR EY CDR, CEC, USN Resident Officer in Charge of Construction

3272 EAS A S A D Leb WATTMI BEAM & DYNAMO	R DMETER I	ALL BLV LIFORNIA 00 6 HP Po Atio BELLOWS Size Mi	D. A b c c c c c c c c c c c c c	e Phase	hhO Von	IMI BO	SHEET	Ja 1 Stage Coating 1		T. A. 15 ¹ ⁿ Dia-Exit-P CASE Be T case 211 ²	vitch ype c12	RATED GPM Head	0000	3865 N @1175xpm
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	0	37.5	86.8	4		90.8	69.5		49.8	1198		0	87.6	47.2
1.55		34.0	78.8		.1		72.0		51.6	1198	40.6	982	80.0	48.8
6.20		60.95			.5	73.5	76.6		55.0	1197	67.5	1964	70.9	52.1
13.94		54.4					86.3		61.9	1197	81.6	2946	64.3	58.6
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31.35		32.4	36.7		1000	43.2			61.5	1197	80.0	4420	41.6	58.3
38.6		19.1	21.7		3.1	28.8	79.0	r r	56.7	1197	64.0	4910	27.8	53.7
;			1					<u>.</u>			-			
UBMERGE Water Temp Air Temp	∘°F	Ft	In.	⇔DWT					R = .982 $R^{2} = .964$ $R^{3} = .947$	Tested Witness Certifie		Hogan A. G. I		Date 10-21.
Barometer_									5-0741		Pag	e_1_ of	1 pages	

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APPROVED

SUBJECT TO CONTRACT REQUIREMEMTS CONTRACT NBy 24218 SPEC. NO. 24218159 DATE: 2420060

N. C. HARVEY CDR, CEC, USN Resident Officer in Charge of Construction





DEPARTMENT OF THE NAVY Resident Officer in Charge Bureau of Yards and Docks Contracts Marine Corps Base, Camp Lejeune, North Carolina

In reply refer to: 4E-50:MFU:010 NBy-24218 28 March 1960

T. A. Loving and Company P. O. Box 738 Goldsboro, North Carolina

> Re: Contract NBy- 24218, Rehabilitation of Raw Water Supply, Marine Corps Base, Camp Lejeune, North Carolina

Gentlemen:

We are returning _____ herewith, _____ under separate cover, the following shop drawings or data sheets with action indicated:

No. of Dwgs

Dwg No.

Description

Action

- H-1828-C, H-1829-C, H-1830-C, Johnston Pump Co. dugs of 1 00. H-1825-D & H-1826-D
 - pump details

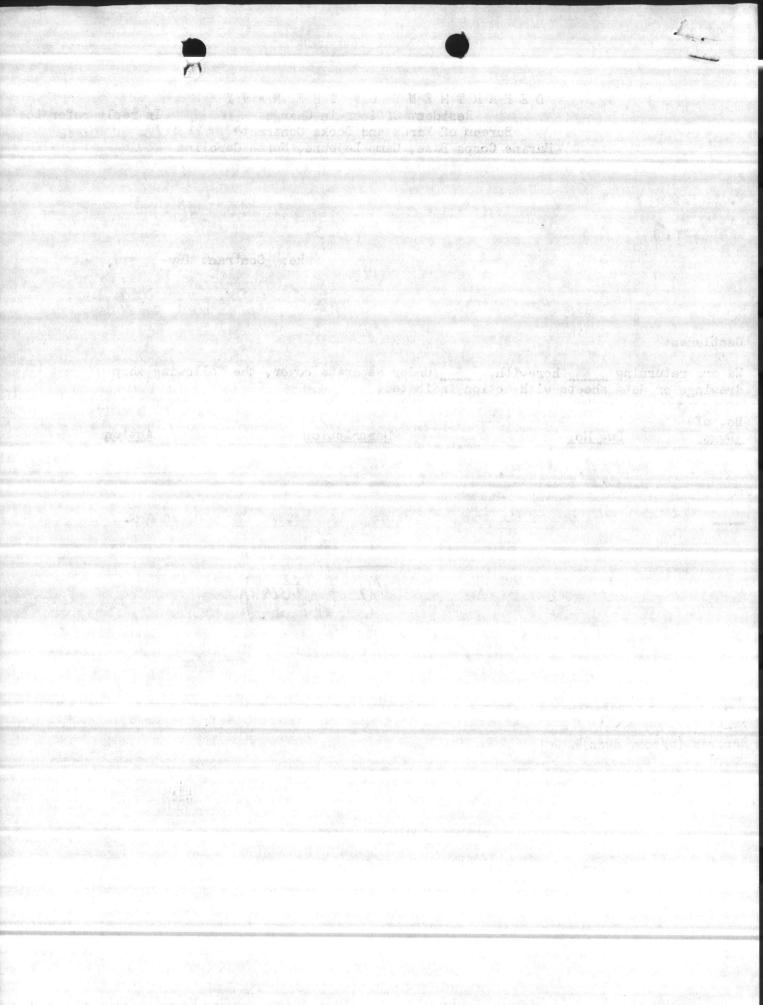
Approved by my ltr 16 Mar 60

Note: An additional set of the approved drawings is returned for your record.

Very truly yours. M. F. UBER, Jr.

ENS CEC USN Assistant Resident Officer in Charge of Construction

Copy to: DPWO FIVE (C-320) (w/copy dugs) 4E-50 (w/copy dwgs) Records (w/copy dwgs) Board



OICC-ROICC

MARINE CORPS BASE, CAMP LEJEUNE, N. C.

389 No. 23 Mar 60 Date

T. A. Loving and Company From

Subject NBy-24218 - Additional sets of drawings Johnston Pumps

-Code-

- 1. Action
- 2. Information
- 3. Prepare reply for OICC/ROICC 8. File
- 4. Prepare reply for MCB
- 5. Prepare estimate

- 6. Investigate
- 7. Retain copy

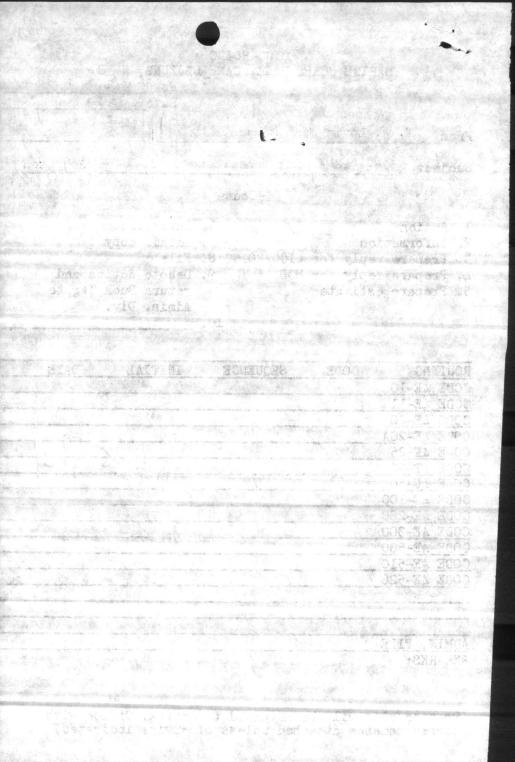
9. Denote action and return Buck Tag to Admin. Div.

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ADMIN. FILE

REMARKS:

(Routing slip will be returned to Central Office with correspondence attached unless otherwise indicated)





T. A. LOVING AND COMPANY

General contractors GOLDSBORO, N. G.

March 21, 1960

Resident Officer in Charge of Construction Bureau of Yards and Docks Marine Corps Base Camp Lejeune, North Carolina

> Re: 4E-50: WFU: ejs NBy-24218 16 March 1960

Gentlemen:

Enclosed are four (4) additional sets of drawings as requested in referenced letter.

Very truly yours,

T. A. LOVING AND COMPANY

Robert S. Hults

By: Robert S. Hults Office Manager-Utility Dept.

RSH/lm Enclosures

1-Kr - Kr 1-0000 + Kr 1-42-50 2-2211 1-20211 - 4

(10) T. A. LOVING AND COMPANY

GENERAL CONTRACTORS

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MARLED 1960 MARLED 1960 Officer in Monte Deser

Gorbspore N.C.

March 21, 3900 M

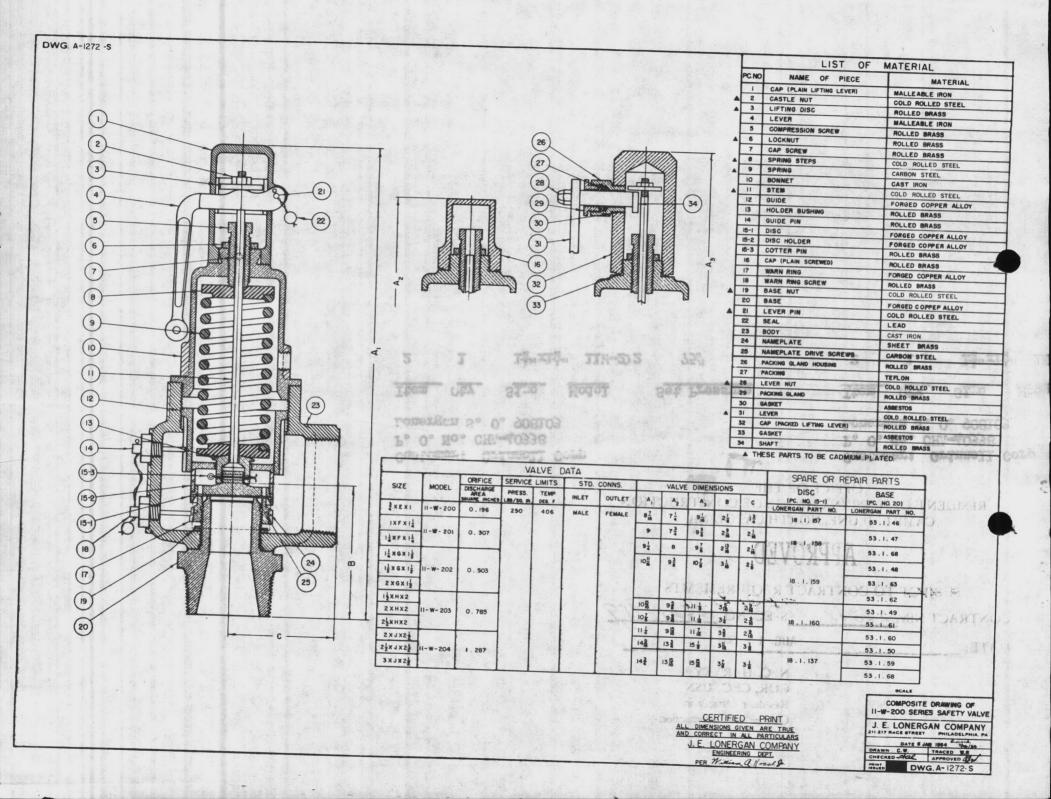
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N. C. HARVEY CDR, CEC, USN Resident Officer in Charge of Communication

DATE: AUG 1 3 1959

CONTRACT NBy 24218 SPEC. NO. 24218/59

SUBJECT TO CONTRACT REQUIREMEMTS

APPROVED

OFFICE OF THE RESIDENT OFFICER IN CHARGE OF CONSTRUCTION CAMP LEJEUNE, NORTH CAROLINA

Customer: Grimmil Corp P. O. No. OH-40338 Lonergan S. O. 908103

TANTEN II

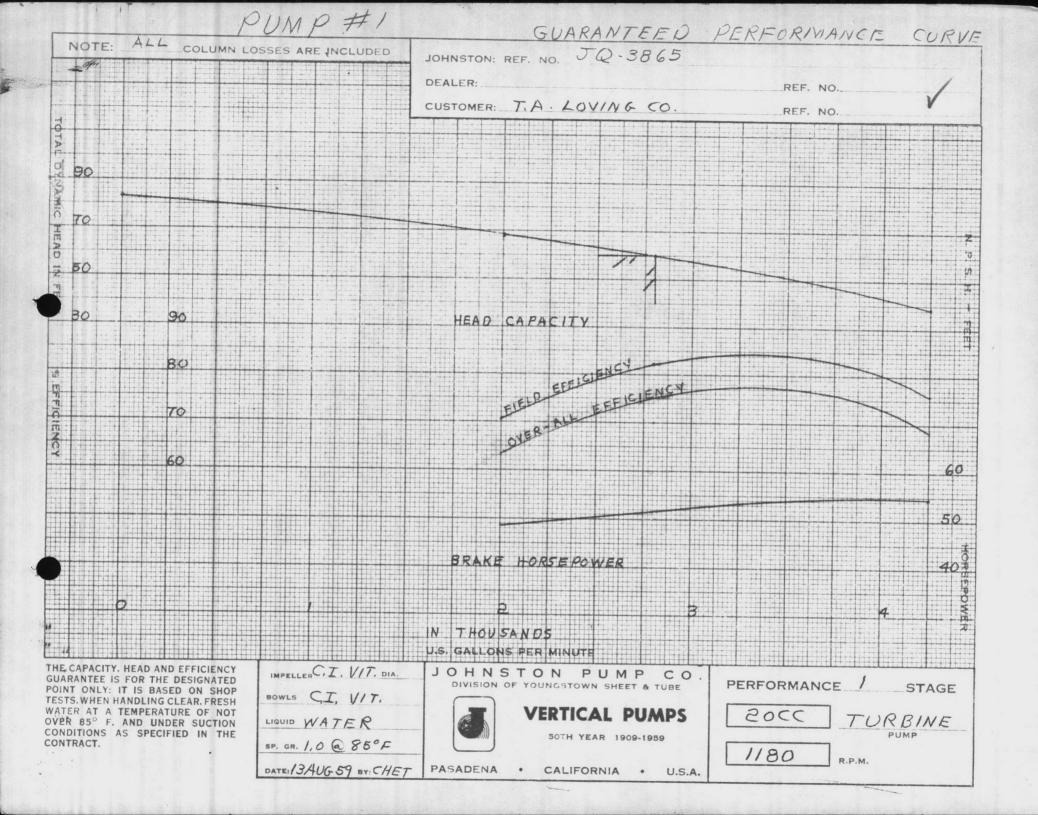
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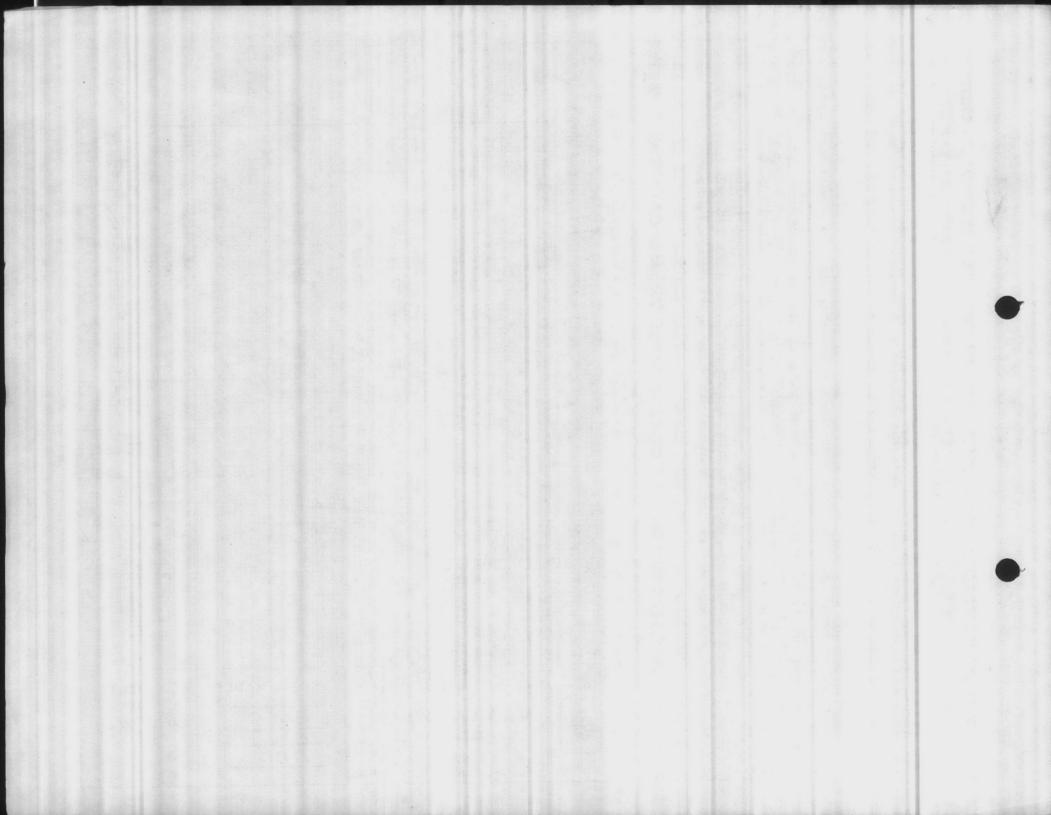
P. O. No. CHA-KO338 P. O. No. CHA-KO338 LONEYSER S. O. 908103

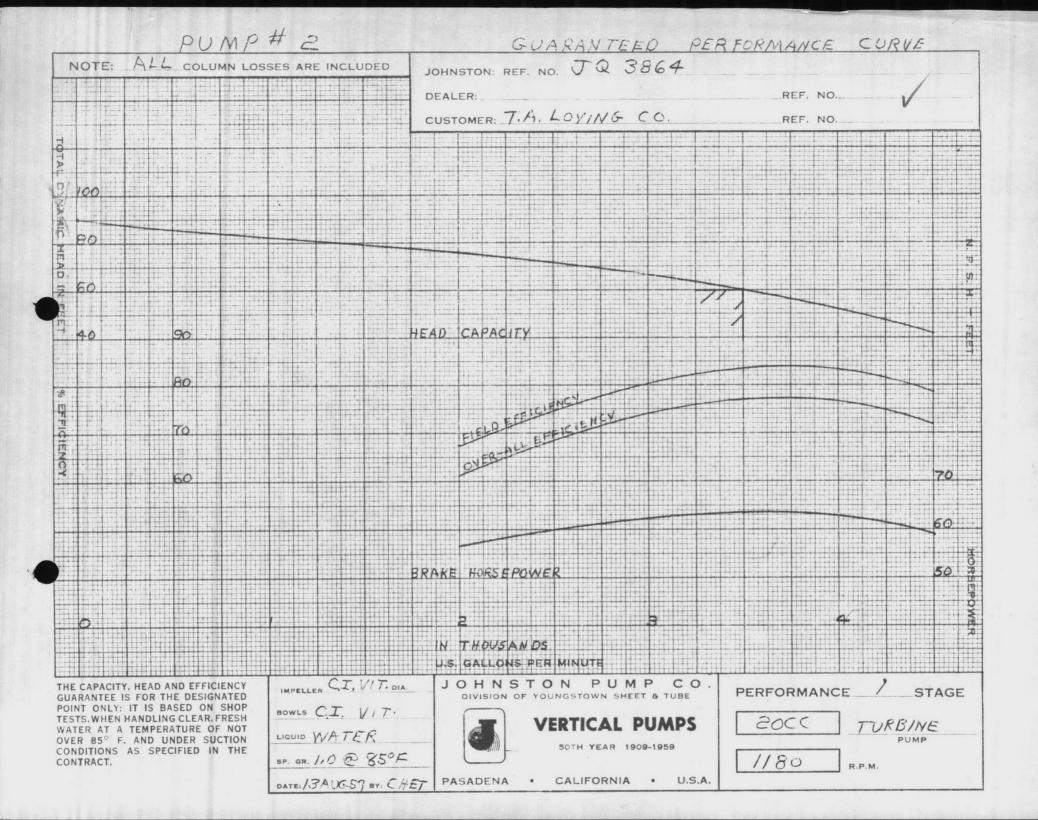
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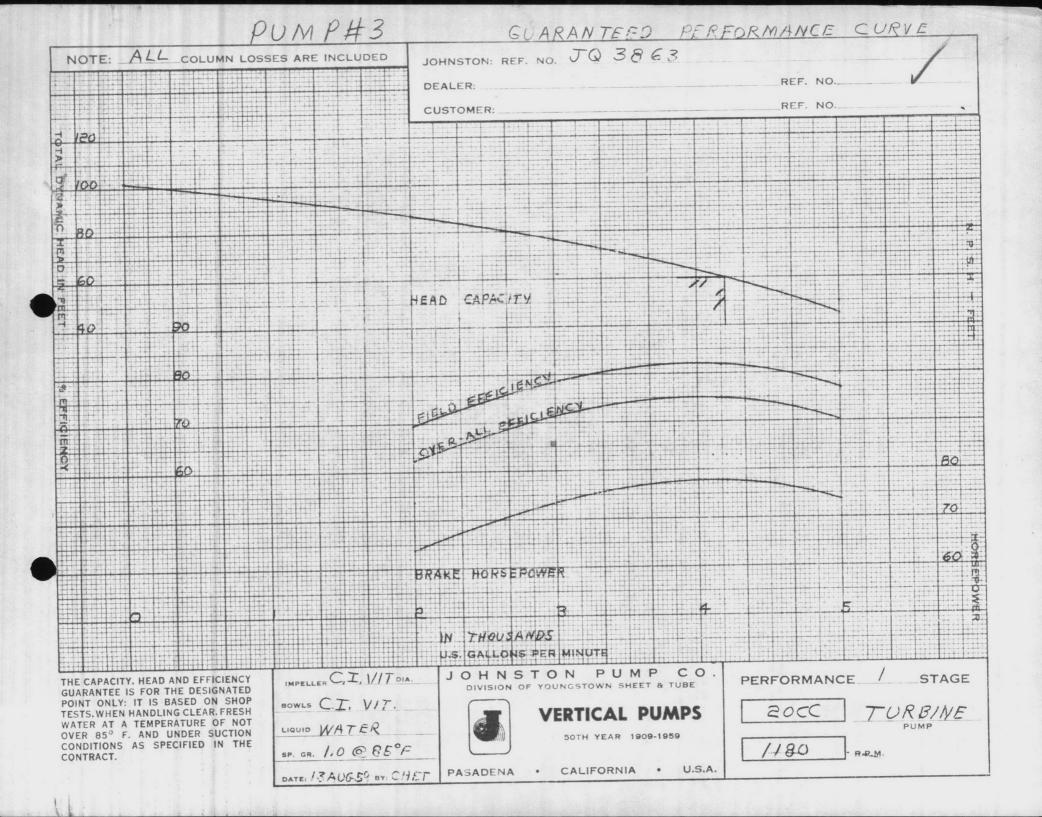
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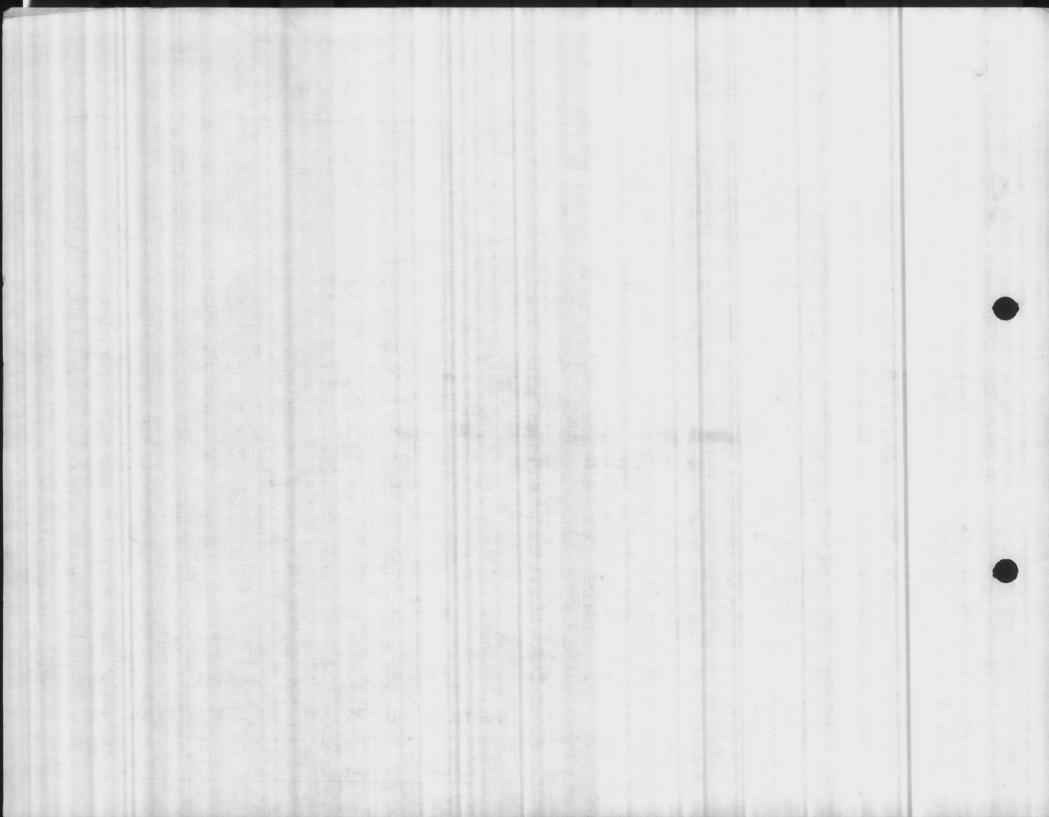


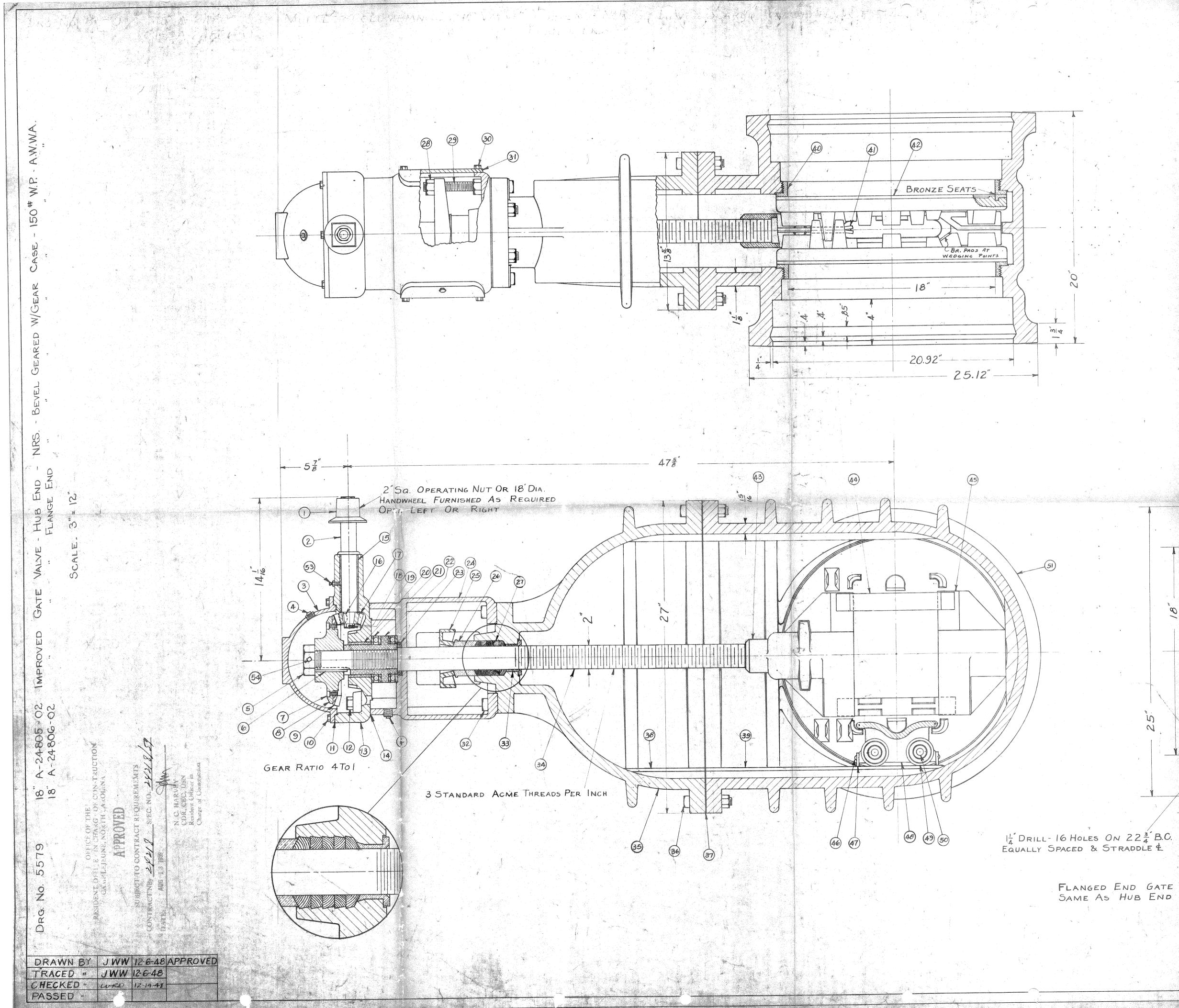




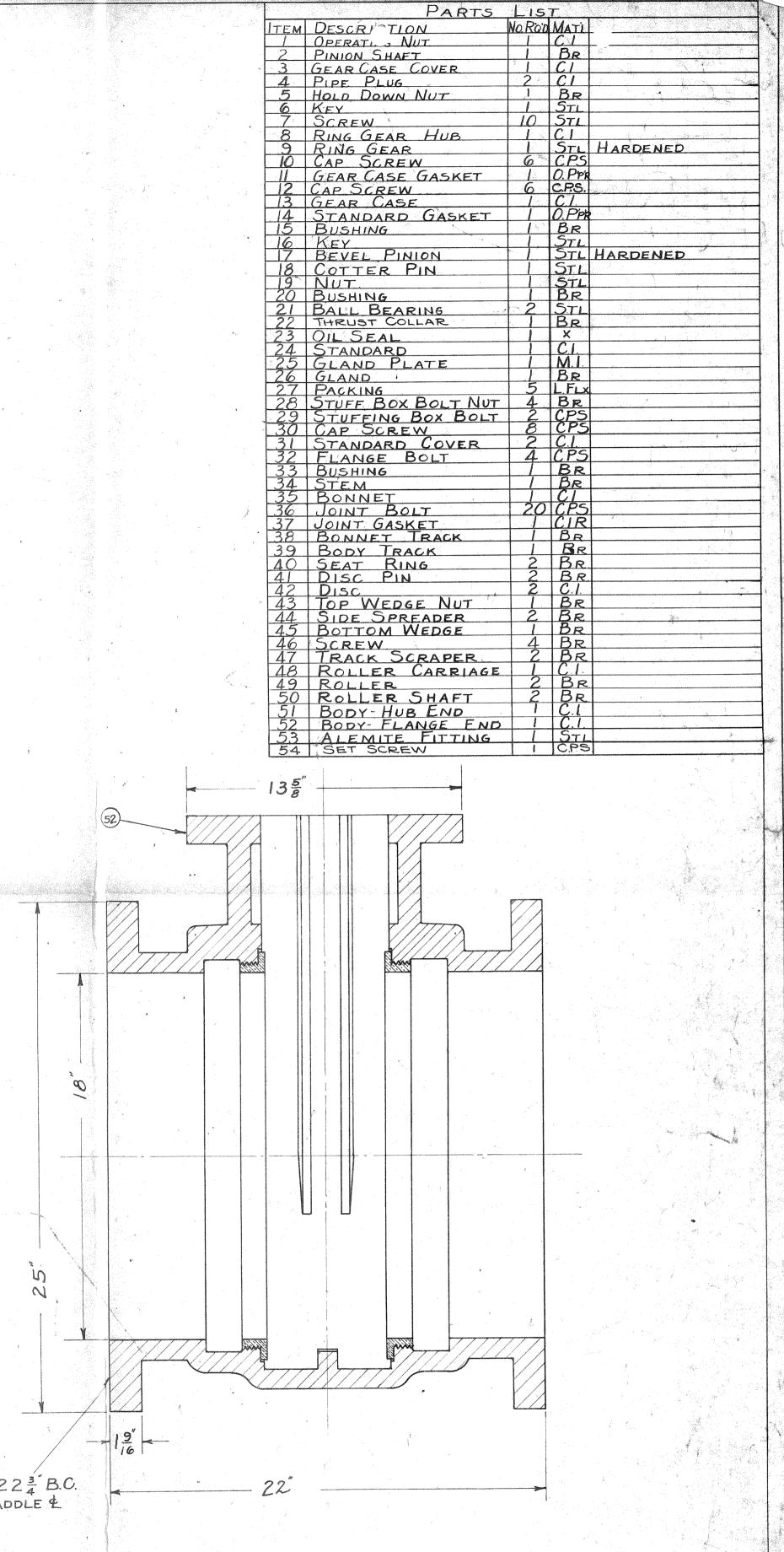






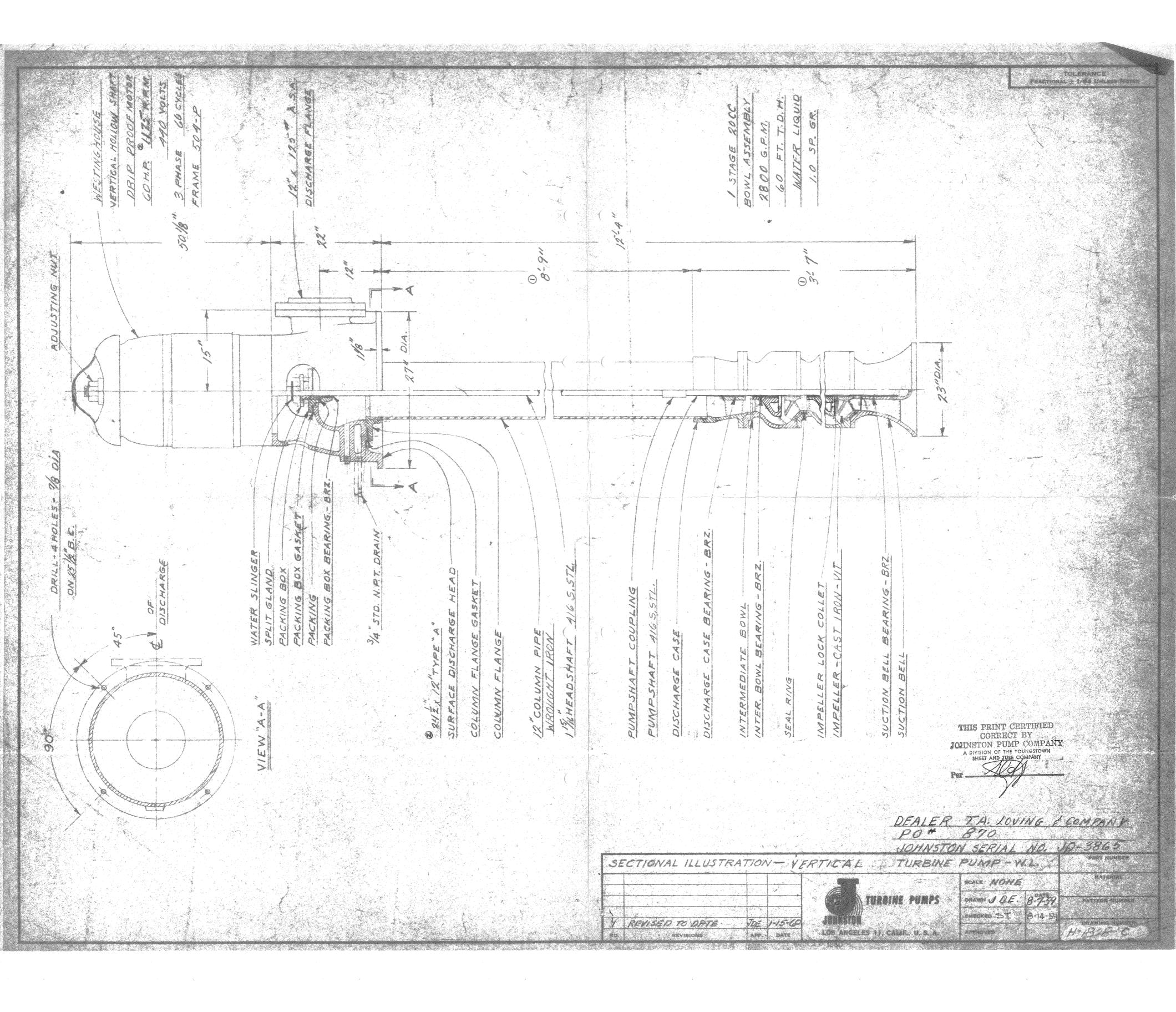


FLANGED END GATE VALVE OTHERWISE SAME AS HUB END VALVE



MUELLER CO. CHATTANOOGA, TENN





APPROVED SUBJECT TO CONTRACT REQUIREMEMTS CONTRACT NBY 24218 SPEC. NO. 24218159

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N. C. HARVEY CDR, CEC, USN Resident Officer in Observe of Construction

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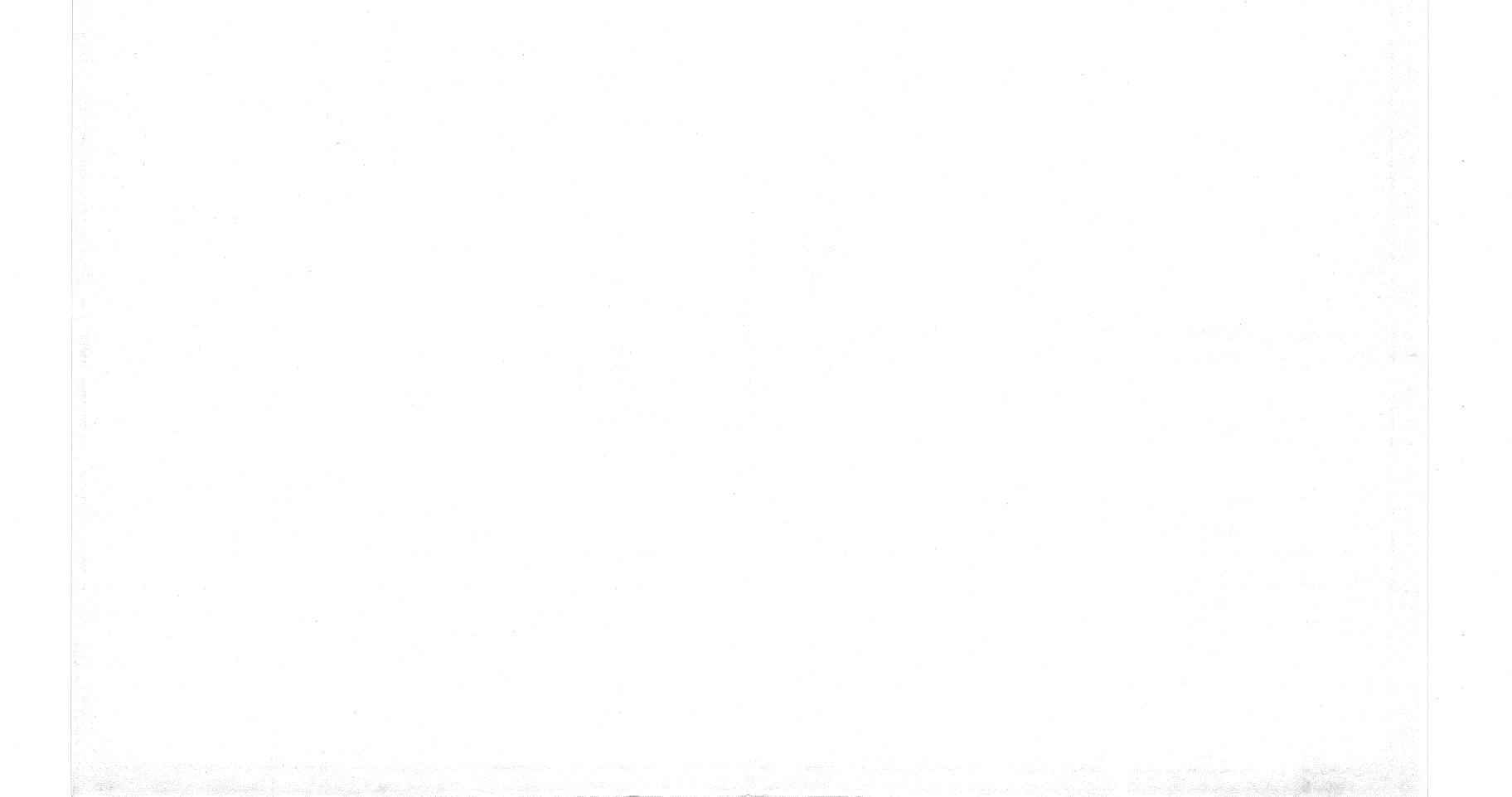
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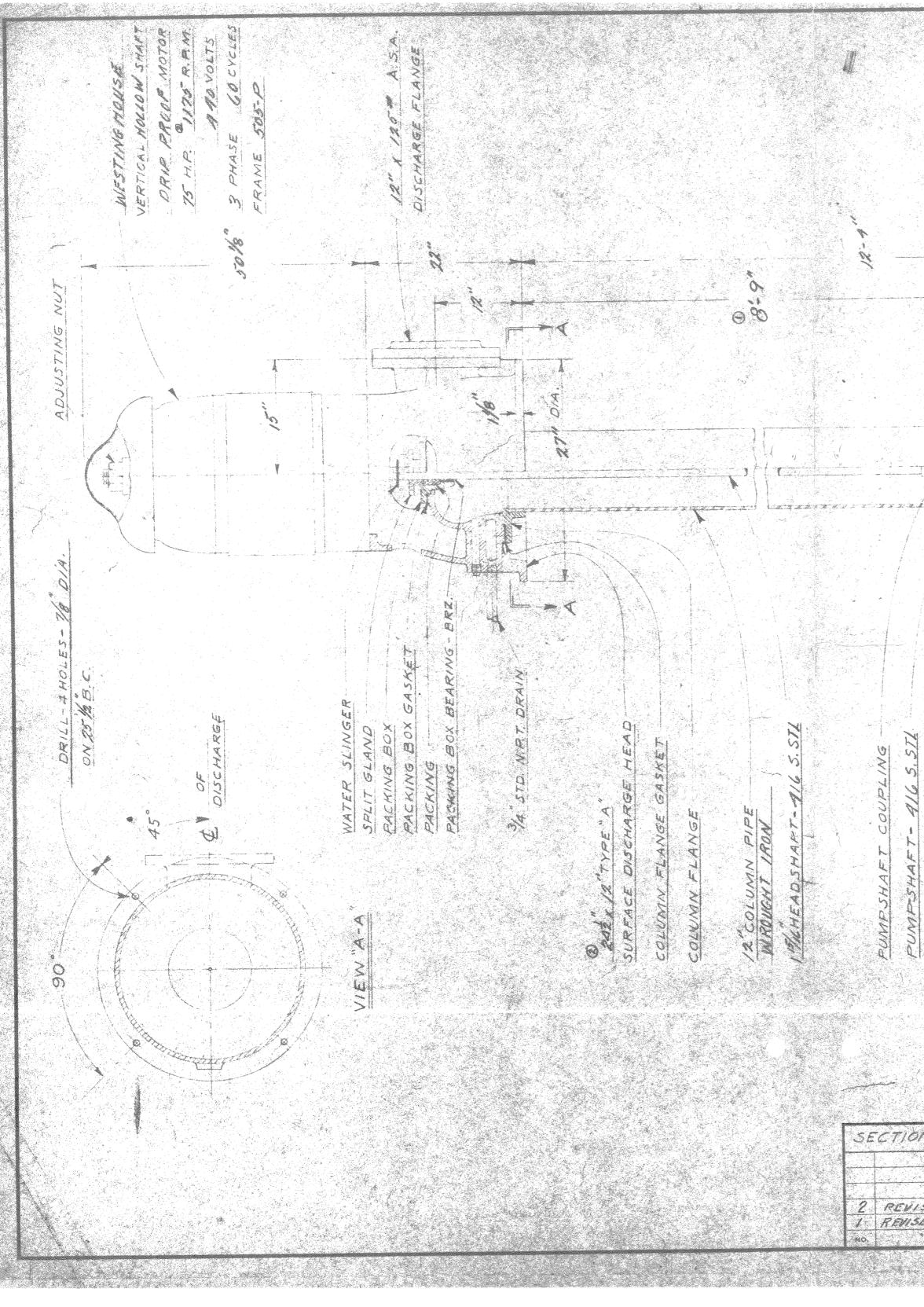
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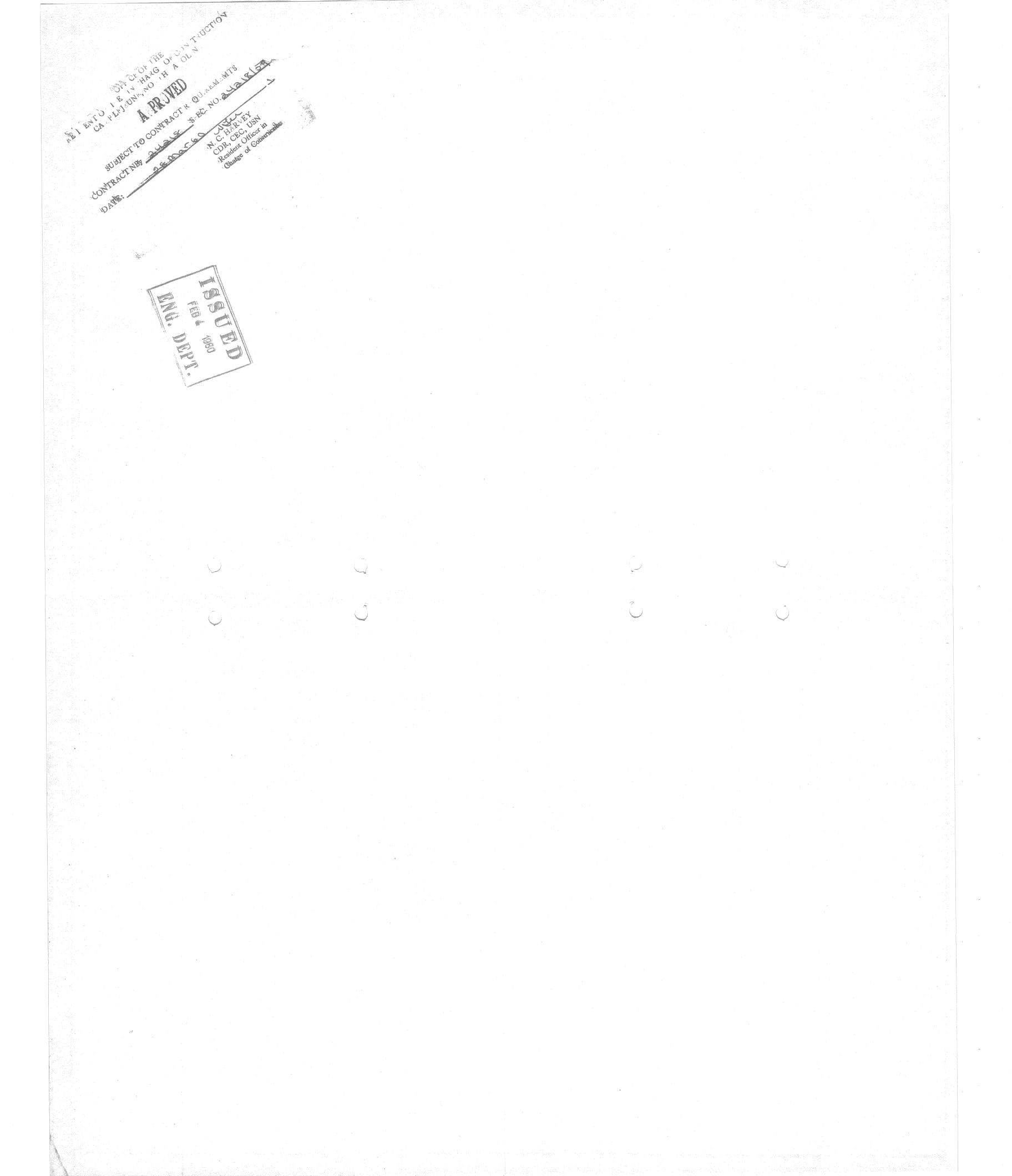
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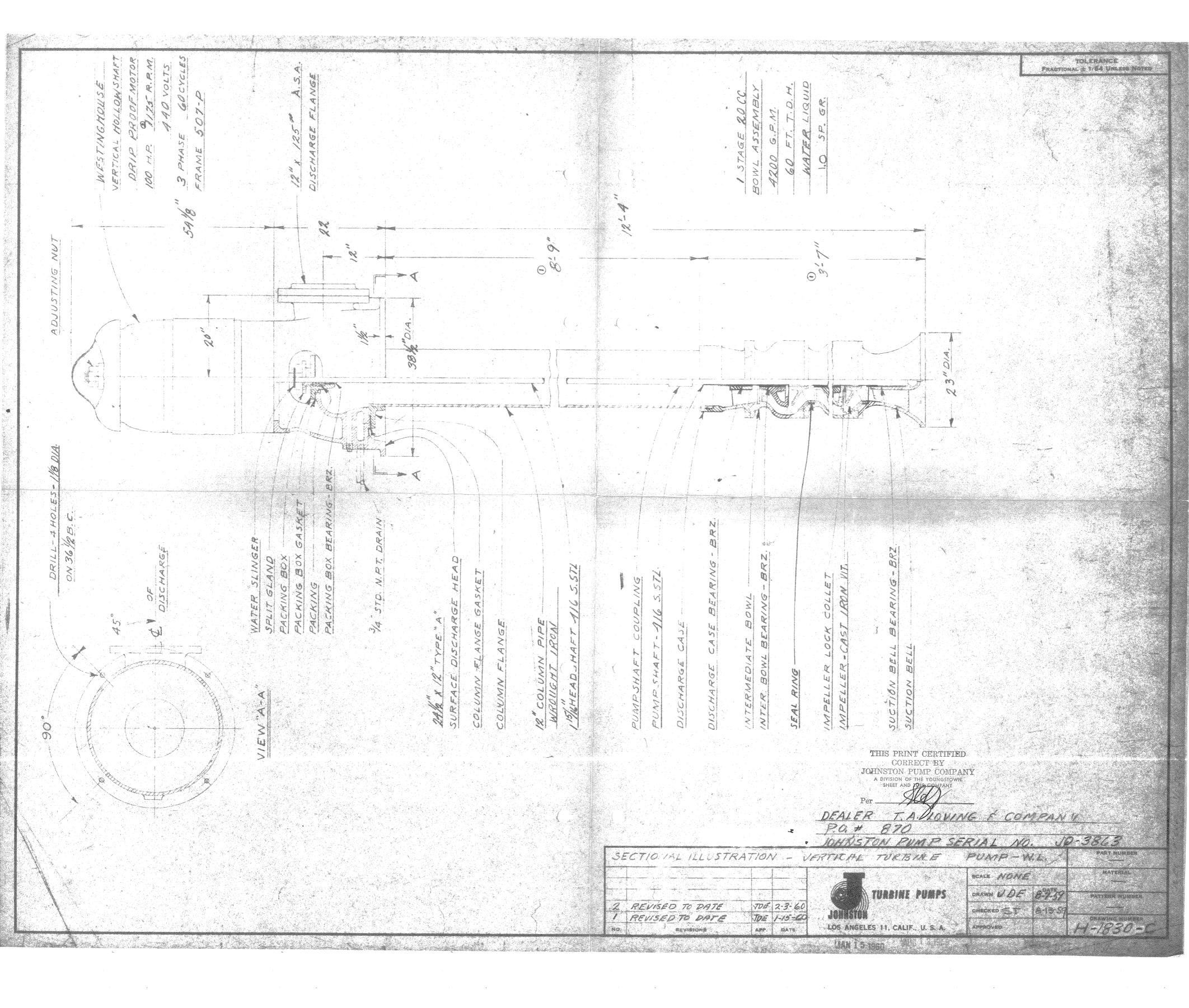
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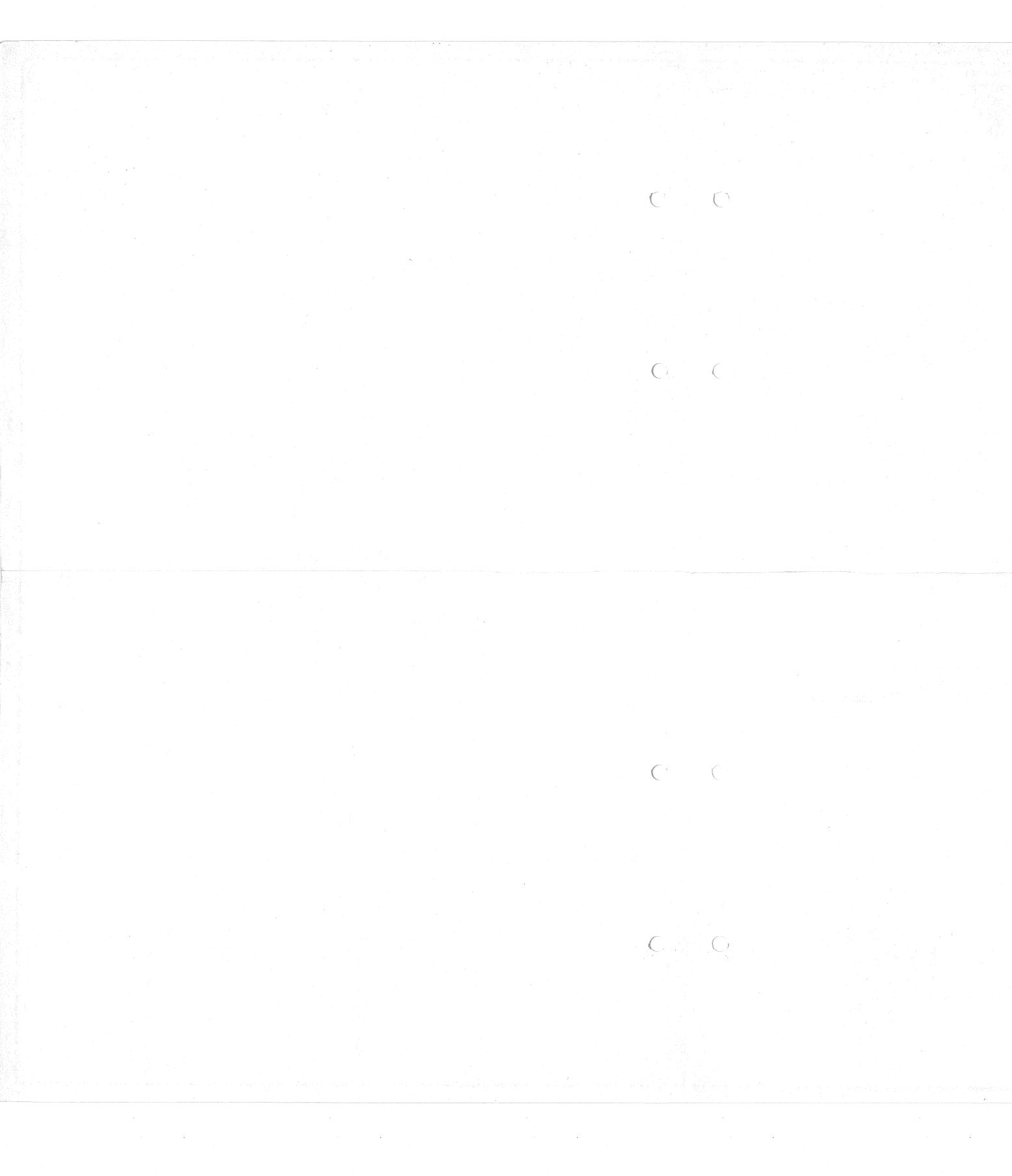
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DEPARTMENT OF THE NAVY RESIDENT OFFICER IN CHARGE BUREAU OF YARDS AND DOCKS CONTRACTS Marine Corps Base, Camp Lejeune, North Carolina

IN REPLY REFER TO:

43-51:000:0.18 max-24218 13 October 1959

T. A. Loving and Company P. O. Boz 738 Goldsboro, North Carolina

> Contract NBy- 24218, Schubilitation of Re: Haw Water Supply, Marine Corps Hose, Camp Lejeune, North Carolina

Gentlemen:

A

We are returning _____ herewith, _____ under separate cover the following shop drawings or data sheets with action indicated:

No. of Description Dwgs. Dwg. No.

Action

Westinghouse Electric Corp. dwg of Approved, as noted, controller wiring diagram on T. A. Loving's shop orders 19-7-27 and 19-7-28.

subject to contract requiremonts

Hoter Proper contacts should be included to afford resote control from the push-button station to be located in the water plant.

Very bruly yours,

D. N. HLUIS LEJO CHO USE Assistant Regident Officer in Charge of Construction

Copy to: pro FIVE (0-320) (v/copy encl)

L. E. Wooten and Co. (w/copy encl) 306 So. Dawson St., Raleigh, N. C.

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MARINE CORPS BASE, CAMP LEJEUNE, N. C.

No. 302

Date 10-8-59

F	r	om	L.	E.	Wooten	&	Co.	ŝ

Subject NBy-24218 Westinghouse Elec. Corp. Dwgs.

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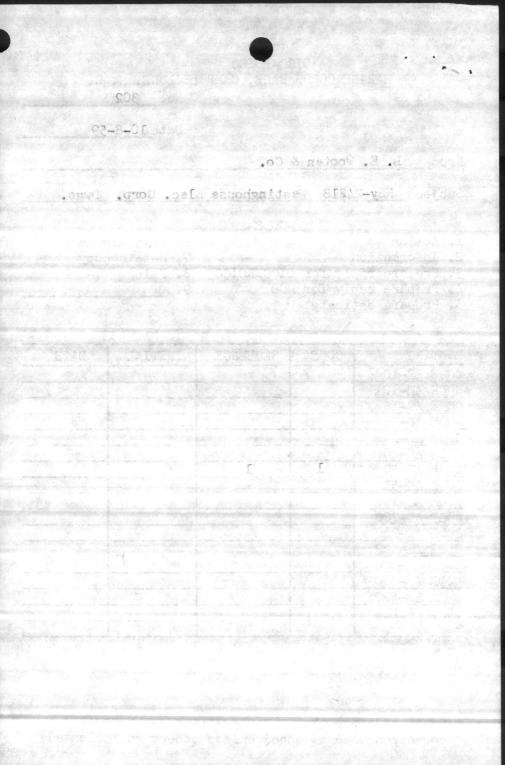
- 1. Action
- 2. Information
- 3. Prepare reply for OICC/ROICC
- 4. Prepare reply for MCB
- 5. Prepare estimate

- 6. Investigate
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CIVIL, ELECTRICA MECHANICAL, STRUCTURAL AND SANIS Y ENGINEERING SERVICES

L. E. WOOTEN AND COMPANY **CONSULTING ENGINEERS** RALEIGH, N. C.

October 7, 1959

Department of the Navy Resident Officer in Charge Bureau of Yards and Docks Contracts Marine Corps Base Camp Lejeune, North Carolina

> RE: 4E-51:JFM:er, NBy-24218, Rehabilitation of Raw Water Supply, Marine Corps Base, Camp Lejeune, North Carolina

Gentlemen:

We return herewith Westinghouse Electric Corporation's drawing of controller wiring diagram transmitted to us by your letter dated 28 September 1959 subject as above. The two starters indicated are approved without objection, however the contractor should be notified that proper contacts should be included to afford remote control from the push-button station to be located in the water plant.

Very truly yours,

L. E. WOOTEN AND COMPANY

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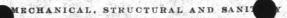
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L. E. WOOTEN AND COMPANY Consulting Engineers Raleigh, N. C.

October 7, 1959

Department of the Navy Resident Officer in Charge Bureau of Yards and Docks Contracts Marine Corps Base Camp Lejeune, North Carolina

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L. E. WOOTEN AND COMPANY

L. E. Wooten

By____

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MARINE CORPS BASE, CAMP LEJEUNE, N. C.

270 No.

Date 28 Se	ept 5	9
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From	T. A. Loving and Co.
Subject	NBy-24218 - Westinghouse Electric Corp. dwgs
l. Action	-CODE-

- 2. Information
- 3. Prepare reply for OICC/ROICC
- 4. Prepare reply for MCB
- 5. Prepare estimate

- 7. Retain copy
- 8. File

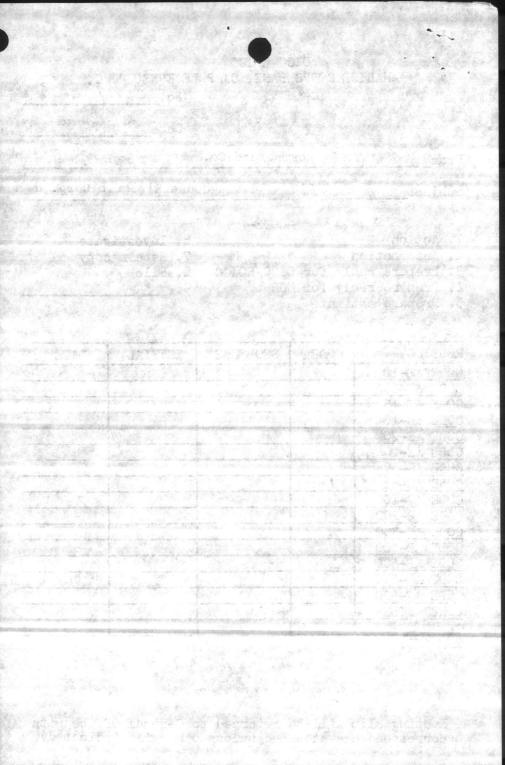
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*(Routing slip will be returned to Central Office with correspondence attached unless otherwise indicated)





T. A. LOVING AND COMPANY

GENERAL CONTRACTORS

GOLDSBORO, N.C.

September 25, 1959

Resident Officer in Charge of Construction Building 1005 U. S. Marine Corps Base Camp Lejeune, North Carolina

> Re NBY-24218 Rehabilitation of Raw Water Supply, Camp Lejeune, N. C.

Gentlemen:

We are enclosing five (5) copies each of drawings submited by Westinghouse Electric Corp. for your approval. Also enclosed is a copy of their cover letter explaining the drawings.

Please review these drawings at your earliest convenience and return to us.

Very truly yours

T. A. LOVING AND COMPANY

By: Robert S. Hults Office Mgr.-Utility Dept.

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bé are enclosing five (5) copien each of drawings submited by festimations. Ilectric Gerp. for your approval. Also enclosed is a complete state of final second 1.11. extended to de alasi e...

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DEPARTMENT OF THE NAVY RESIDENT OFFICER IN CHARGE BUREAU OF YARDS AND DOCKS CONTRACTS

IN REPLY REFER TO:

Marine Corps Base, Camp Lejeune, North Carolina

28 September 1959

L. E. Wooten and Company 306 South Dawson Street Raleigh, North Carolina

> Re: Contract NBy-24218, Rehabilitation of Raw Water Supply, Marine Corps Base, Camp Lejeune, North Carolina

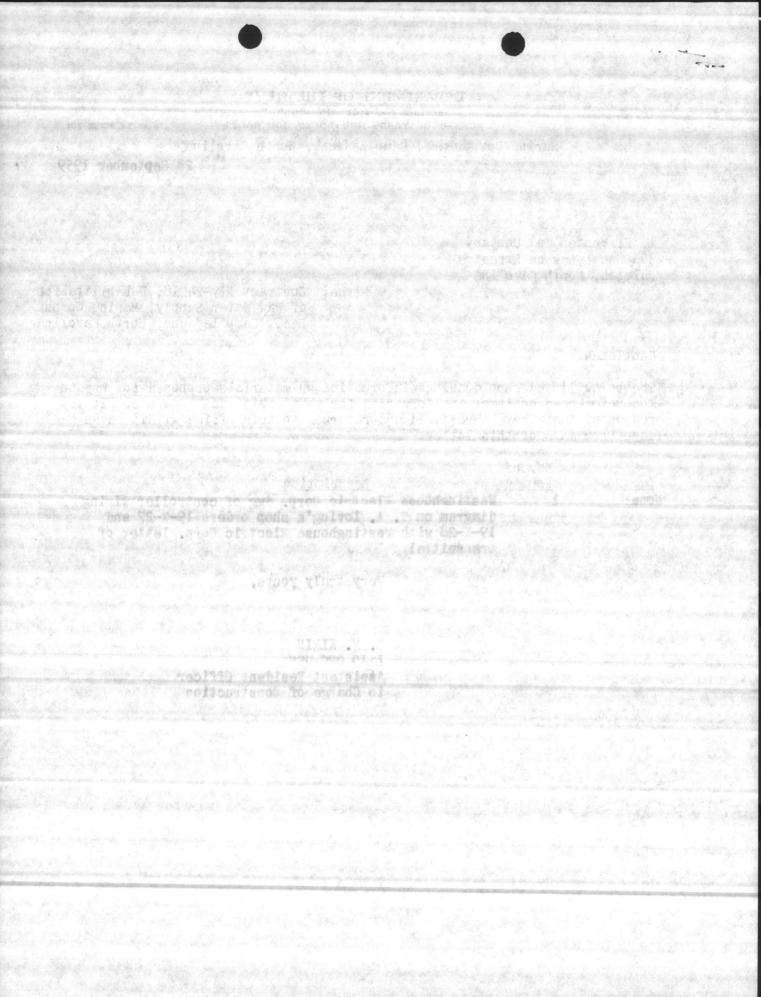
Gentlemen:

The below listed shop drawings/information on materials proposed for use on the referenced contract are forwarded for your review and comments. It is requested that they be reviewed and returned to this office within seven days from date of this letter.

	No. of	
Dwg No.	Copies	Description
None		Westinghouse Electric Corp. dwg of controller wiring diagram on T. A. Loving's shop orders 19-X-27 and 19-X-28 with Westinghouse Electric Corp. letter of transmittal

Very truly yours.

D. M. KLEIN LTJG CEC USN Assistant Resident Officer in Charge of Construction



Westinghouse ELECTRIC CORPORATION

414 FAVETTEVILLE ST. P.O. BOX 2146, RALEIGH, N.C.

September 25, 1959

Mr. Frank Shannon T. A. Loving Company Utilities Department P. O. Box 738 Goldsboro, North Carolina

> Subject: Your Purchase Order 892 Raw Water Supply Camp Lejeune NBY 24218 Our CH-32611-L1

Dear Mr. Shannon:

I am attaching six copies each of drawings covering Items 1 and 1A, our Shop Orders 19-X-27 and 28: The two sets of drawings are identical, but for manufacturing purposes one starter was entered on Shop Order 19-X-28 and two were entered on Shop Order 19-X-27.

Please review these drawings and if they meet with your approval, mark then approved and return to me as soon as possible. As soon as the approved drawings are returned to the factory we will be able to advise you a shipping date.

We shall appreciate your cooperation very much.

Very truly yours,

Larry G. Deal Sales Absistant

LCD:19 Attachments, cc: Wilmington Electrical Supply Company P. O. Box 906 Wilmington, North Carolina Attention: Mr. H. Ross Troth, Manager

YOU CAN BE SURE ... IF IT'S Westinghouse

Westinghouse

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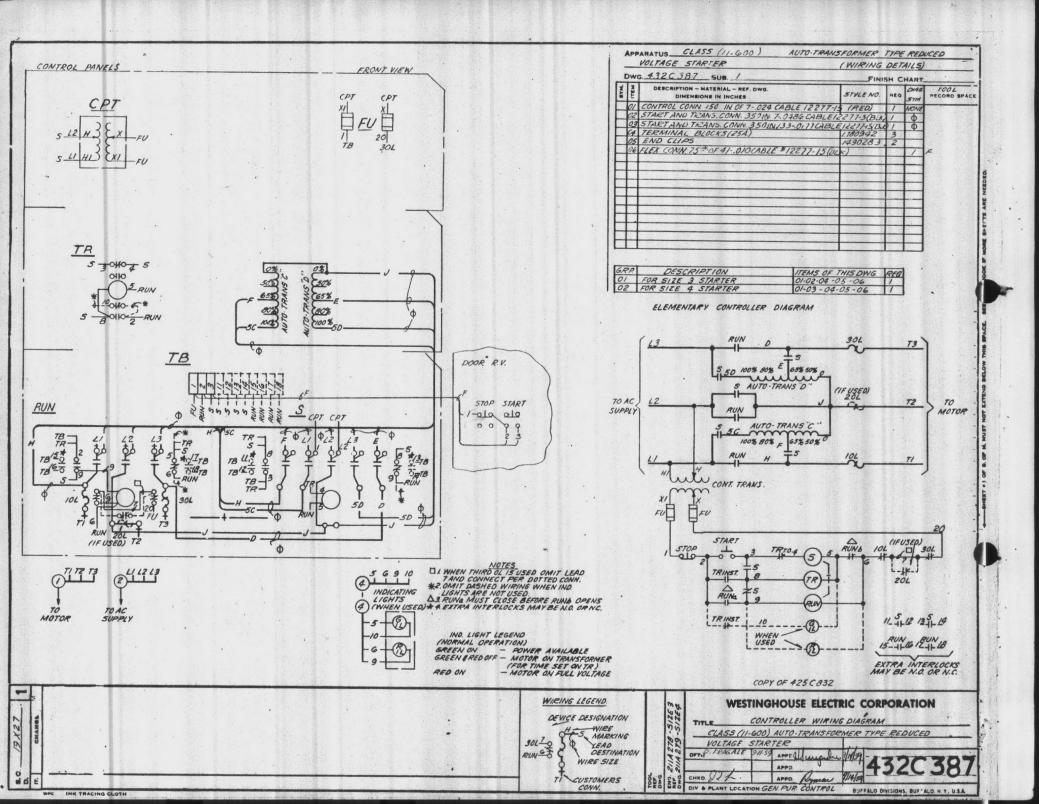


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