

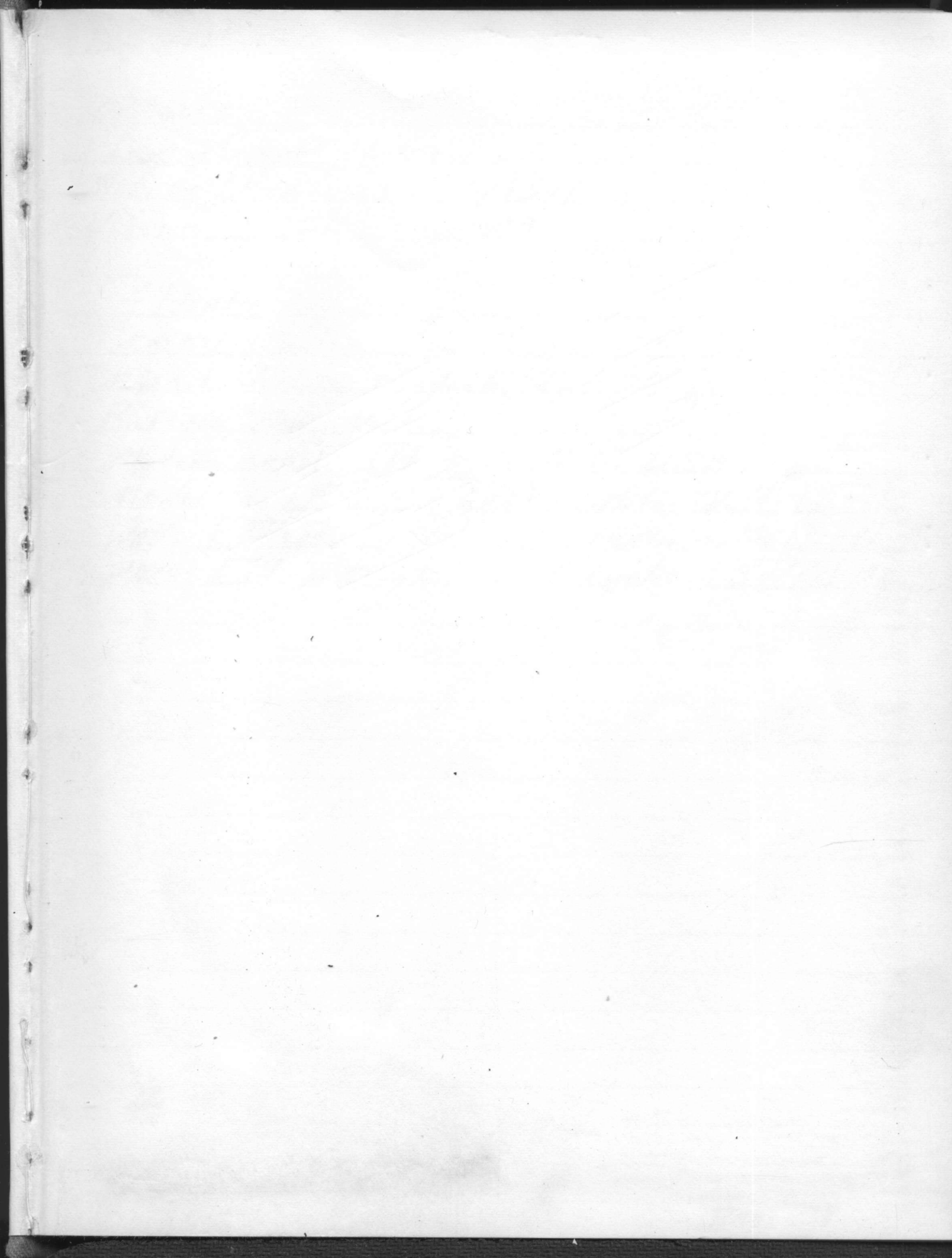
RECORD

WATER TREATMENT
PLANT

EQUIPMENT
LIST
1965

7530-222-3525
FEDERAL SUPPLY SERVICE

(GPO)



(Bldg. 110)

"Office"

Clock - General Electric

Model - 1HA1612 cy. 60

Volts - 115 W2

"Heater"

Markel Electric

Markel Electric products, Inc.

Buffalo, New York

Motor Amp. .21 MADE in U.S.A.

Model No. F1F 603 Motor Volts 208

Watts 3000 Heater Volts 208

PHASE 1 or Single cycles 50/60 AC

8/11/19

Office

Block - [unclear]

Unit - [unclear]

Unit - [unclear]

Unit - [unclear]

Unit - [unclear]

Unit - [unclear]

Unit - [unclear]

Unit - [unclear]

Unit - [unclear]

Unit - [unclear]

Unit - [unclear]

LABORATORY① "Heater"

Markel Electric

Markel Electric products, Inc.

Buffalo, New York

Motor Amp. [0.70]

Made in U.S.A.

Model No. [F3F 607]

Motor Volts [208]

Watts [7500]

Heater Volts [208]

Phase [3]

Cycles [50/60] AC

Note *

The following "Numbers & Locations" of "Electric" Heaters
 have the same data as the above!

② Over Water Cooler③ In Chemical Feed Rm.④ Overhead "Filter Rm. Pump" Area⑤ Back Chemical Storage Rm.⑥ Up Stairs Over Office⑦ South-West End Front Chemical Storage Rm. PAGE 2

Lab 20000000

Fluor

Alkalinity

Alkalinity

Alkalinity

Alkalinity

Alkalinity

Alkalinity

Alkalinity

Note

The following

are the same

over water

to chemical

around 25

Back chemical

up stairs

Just water

LABORATORY"Refrigerator" - FrigidaireSerial No. ~~6544~~ 65451079

Volts	Cy	Comp. Amps.
115	60	2.1
100	50	2.1

Refrigerant
12F⁷ D-11-63

Charge

1/8 HP 2.2 Total Amps.165 oz."Stove"

Frigidaire - Electric

Model No. RS-35-63Volts 115/230 - 120/240Serial No. 46C88955 Cy. 60 KW. 12.1

P.H. METER BECKMAN, MODEL G, BATTERY OPERATED

SERIAL NO. 238470 GLASS ELECTRODE TYPE - FULLERTON, CALIFORNIA."Stirrer" - Lab.

Phipps & Bird, Inc.

Serial No. 2976 Volts 110 R.P.M. 0-100"Fan"

General Electric - Explosion proof

Model No. 5KH29AC25H.P. 1/2 Phase 1Volts 115 Amps. 1.95 Cy. 60R.P.M. 1725Cont. Rating 55° C.

Lab. of History

Dr. Friedman - Friedman

Serial no. [172171]

Case

Reference

115 - 50 2.1
100 - 50 2.1

12

Charge

Dr-11-53

[115] 02

[172171] [172171]

"21st"

Friedman - Friedman

Model no. [R-35-53]

115 - [115] - [115]

Serial no. [115] of [115]

P.N. METER, NEUMAN, MODEL 6, BATTERY OPERATED

Serial no. [115] GASS ELECTRODE TUBE, CALIFORNIA

"21st" - [115]

Shippert & Sons, Inc.

Serial no. [115] [115] [115] - R.P.M. [115]

F.P.

Serial no. [115] - Friedman

Model no. [5KH 52 52]

[115] [115]

[115] [115] [115]

[115] [115]

[115] [115]

"Filter Pump" No. ①

MAKE Aurora

Type Centrifugal

Serial No. 6214056

T.D.H. (Ft.) 40

Size Pipe 8" intake - 6" outlet

G.P.M. 900

No. ① pump "Motor"

All Electric Motors

MAKE G.E. Induction

Type & Model No. 5K4324A31

Serial No. ZV34177

H.P. 15

Volts 208-220/440

Phase 3

60 cycles

50 cycles

F.L. R.P.M. 1175

F.L. R.P.M. 980

F.L. Amp. 41-41/20.5

F.L. Amp. 45/22.5

40° C Rise cont.

50° C Rise cont.

Frame 324U

NEMA Design B Code F

Drive End

Opp. Drive End

AFBMA Brg. 60BC03

AFBMA Brg. 50BC03

Service Factor 1.15

Service Factor 1.0

Filter Pump No. ①

Mark: B...

Serial No. [14050]

T.O.H. (ft) [140]

R.P.M. [900]

No. ① Pump Motor

Mark: [C.F.] Induction

Serial No. [7Y 34171]

V.L.T. [208-220/440]

R.P.M. [1175]

Fl. Amp. [41-41/20.5]

Frame [3 24 W]

Frame Bsp. [20 BC03]

Frame Factor [1.5]

Fl. R.P.M. [980]

Fl. Amp. [45/20.5]

Design [A] Code [F]

Frame Bsp. [20 BC03]

Frame Factor [1.5]

"Filter Pump No. (2)"

MAKs "Aurora"

Type [OJ]

Serial No. [6214055]

T.D.H. (Ft.) [35]

Size Pipe [8"] intake - [6"] Dischg.

G.P.M. [600]

"No. (2) pump motor"

Electric Motor

MAKE [G.E.]

Type [K] [5K4226A31] Model No.

Serial No. [X.W. 43204]

H.P. [7.5]

Volts [208-220/440]

Phase [3]

60 cycles

FL. R.P.M. [1170]

FL. Amp. [21.6-21.6/10.8]

[40°C.] Rise Cont.

Service Factor [1.15]

Type [K] Frame [256 U]

Drive End

AFBMA Brq. [40 BC 03]

50 cycles

FL. R.P.M. [970]

FL. Amp. [25.6/12.8]

[50°C.] Rise Cont.

Service Factor [1.0]

NEMA Design [B] Code [G]

Opp. Drive End

AFBMA Brq. [35 BC 02]

Filter Pump No. ②
 Make Wagner
 Type 10-1
 Serial No. 214022
 T.D.H. (ft) 35
 Pipe 1/2" Dia.
 2 P.M. 1001

No. ③ Pump Motor
 Make GE
 Type K - 5K432A31
 Serial No. 7M 43104
 11/9/75
 50 cycles
 1/2 R.P.M. 1170
 1/2 Amp. 21.5/11.9
 1/20" C.P. Rise cont.
 Service Factor 1.0
 1/2" Dia. 1.0
 1/2" Dia. 1.0
 1/2" Dia. 1.0
 1/2" Dia. 1.0
 1/2" Dia. 1.0
 1/2" Dia. 1.0

Filter Pump No. (3)
 MAKE "Aurora"
 Type [OJ]
 Serial No. [6214054]
 T.D.H. (ft.) [35]
 Size pipe [6"] intake - [4"] Dischg.
 G.P.M. [350]

"No. (3) Pump Motor"

MAKE [G.E.]	
Type [K] Frame [254U]	
Model No. 5K4 254 A31	
H.P. 5.0 Volts 208-220/440	Phase 3
60 cycles	50 cycles
FL. R.P.M. 1170	FL. R.P.M. 970
FL. Amp. 15.2-15.2/7.6	FL. Amp. 19/9.5
40°C. Rise cont.	50°C. Rise cont.
Service Factor 1.15	Service Factor 1.0
Drive End	NEMA Design B Code H
AFBMA - Brq. 40 BC 03	Opp. Drive End
	AFBMA - Brq. 35 BC 02



Filter Pump No. ②

MARKS

10/2

Serial No. 151-1054

D.H. (40) 351

22 pipe 4" mark - 4" 21.5 cm

2 PM 350

③

MARKS

Serial No. 151-1054

D.H. (40) 351

Phase 3 208-250/440

50 cycles

FL RPM 970

FL RPM 10/9.5

50° C Rise cont.

208-250/440

Phase B

4085 03 1099 Drive end

45 RPM - 35 BCO

Blade 114

Page 6

Automatic "DeSludger Control"

Automatic Timing & Controls Inc.

King of Prussia, PA. U.S.A.

Volts Cycles Type Spec. "Sun Roc" WATER COOLER

High Side

Low Side

Test

Test

Model

Serial No.

Code ozs.Phase Cycles Volts H.P. Amp. R.P.M.

Sun Roc Corp.

Glen Riddle, PA.

MFG. in U.S.A.

Watermatic Dr. Water Control
Watermatic Turbine & Control, Inc.
Dept. of Research, P.O. Box 212A

1/15/51

1/15/51

203-AAA-1-x

1/15/51

Watermatic
High Side
Low Side

1/15/51

Serial No.

1/15/51

1/15/51

1/15/51

1/15/51

Watermatic
Dept. of Research, P.O. Box 212A

Part Chemical Feed Rm.

(A) "Lime Mixer Motor"

NAME CenturyTherm. Prot. NoneModel No. C5-66-FKE6-105FAFRAME J56 H.P. $\frac{1}{4}$ R.P.M. 1750Phase 1 cycles 60Rating ENC. 55° C. contVolts 115/230 Amp 3.8/1.9Serial No. B7Spec. No. NoneService Factor 1.0 Code M

A C Motor

Century Electric Co.

St. Louis, Mo.

SA

1911

General Fund

Income

Interest

Dividends

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

Part Chemical Feed Rm.

(B) "Lime Shaker Motor"

General Electric

A C Motor

H.P. $\frac{1}{4}$ Frame $[48]$

Model No. $[5KH37KG 108E]$

R.P.M. $[1725]$ Phase $[1]$

219500

S.F. $[1.0]$ Temp. Rise $[55^{\circ}C.]$

Volts $[115]$ Code $[M]$

Amp. $[4.4]$ Cycles $[60]$

Time Rating $[Cont.]$

Seri. No. S W D.

Fort Wayne Ind.

Blk 114

Chemical Feed
Time 2 hrs
Normal Electric

1 C Motor

1 P [A] Frame [A]

Model No. [5KH37K] [108 E]

PM [175] [175]

211 220

F [1.0] Temp. Rise [55.0]

H [115] [M]

[A] [A]

Rating [A]

No. 2 WD.

Part Name, Job

PM 1

part
C Chemical Feed Rm.

"Lime Pump Motor"

NAME [Howell]

Red Band Motor

Electric Motors Co.

H.P. [$\frac{1}{2}$] Therm. Prot. [None]

R.P.M. [1725] Phase [1]

Volts [115/230] Amp. [$\frac{7.0}{3.5}$]

cycles [60] Rise [55°C.]

Frame [J56]

Service Factor [1.0]

Model No. [42 J9 4101]

Serial No. [VM 8446] Code [M]

Kingston - Conley Div.^{K.C.}

Plainfield, New Jersey

Chemical Feed Ram

Time Pump Motor

Name Howell

Ed. Road Motor

Technical Motors

R. N. Thum. Pump Motor

R. M. Howell Pump Motor

W. H. Howell Pump Motor

W. H. Howell Pump Motor

W. H. Howell Pump Motor

W. H. Howell Pump Motor

W. H. Howell Pump Motor

W. H. Howell Pump Motor

W. H. Howell Pump Motor

W. H. Howell Pump Motor

Part
 (D) Chemical feed Rm.

"Lime Pump"

The Weinman Pump MFG. Co.

Columbus, Ohio

Model No. 1 Gab-1 No. 127378-3

G.P.M. 20 Ft. HD. 20 R.P.M. 1750

Date 11-23-62

MAX. Work. Press. 175

Intake size 1 1/4"

Dischg. " 1"

Part

(E) "Lime Mix Well"

Model No. A-690521

Serial No. GG-19812

Wallace & Tiernan

Belleville, New Jersey.

10/11/10

Chemical Feed Pm
Lime Pump

The Waterman Pump Mfg. Co.

Columbus Ohio

Model No. 1 642-17 No. 127378-3

Pr. 207 Ft. Hd. 120 R.P.M. 1750

Date 11-23-22

Work Press 1750

Price 2.00

175

Lime Mix Well

Model No. A-290501

Serial No. 66-19815

Whitcomb Turner

Billings, New Jersey

PART Chemical feed Rm.

(A) "Alum Mixer Motor"

Name CenturyTherm. Prot. NoneModel No. CS-66-FKE6-105FAFrame J56H.P. 1/2 R.P.M. 1750Phase 1 Cycles 60Volts 115/230 Amp. 3.8/1.9Rating ENC. 55°C. Cont.Serial No. B7Spec. No. NoneService factor 1.0 Code M

A. C. Motor

Century Electric Co.

St. Louis, Mo.

SA

Blk. 112

Chemical Feed Bin
"Alum. Mixer Motor"

James [unclear]
Piston [unclear]

Model No. C-2-66-FK-6-102 FA
Name [unclear]

R.P.M. 1750
[unclear]

1/2 115/230
[unclear] 2.8/1.1
[unclear] E.M.C. 55.0. Cont.

Serial No. [unclear]
[unclear]

Price Factor [unclear]
A.C. Motor

Arthur Electric Co.
Louis Mo.
[unclear]

Part Chemical Feed Rm.
B "Alum Shaker Motor"

General Electric

A.C. Motor

H.P. $\frac{1}{4}$ Frame 48

Model No. 5KH37KG 108E

R.P.M. 1725 Phase 1

219500

Service Factor 1.0 Temp. Rise 55°C.

Volts 115 Code M

Time Rating Cont.

Amp. 4.4 Cycles 60

Ser. No. 5W D.

Fort Wayne Ind.

Chemical Equip Room
Blind Storage
General Electric

A.C. Motor
P/K Frame 148

Model No. 5K437K
P.M. 1705
319500

Price Factor [] Temp. Range []
Its [] Code []

[]
A.4.1
No. 2 W.D.
C. + Wh. Ind.

PART
C
Chemical Feed Rm.

"Alum Pump Motor"

Name Howell

Red Band Motor

Electric Motors Co.

H.P. 1/2 Therm. Prot. NoneR.P.M. 1725 PHASE 1Volts 115/230 Amp. 7.0
3.5Cycles 60 Rise 55°C.Frame J56Service Factor 1.0Model No. 42 J9 4101Serial No. WD 2119 Code MKingston^{K.C.} - Conley Div.

Plainfield, New Jersey

Blk. 19

Chemical Feed Box
"Atom Pump"

The Westman Pump Mfg. Co.

London Ohio

Model No. 1046-1 No. 150378-1

Serial 1501 Ft. HD 1501 R.P.M. 1750

Part 117-32-101

Part 117-32-101

Part 117-32-101

Part 117-32-101

"Atom Air Well"

Model No. A-10211

CG-17907

Place of Texas

Little Rock, Ark.

PART
A Chemical Feed Rm.
"SPARE"

Lime (or) Alum Mixer motor

Name Century

Therm. prot. None

Model No. CS-66-F7KE6-105FA

Frame J56

H.P. $\frac{1}{4}$ R.P.M. 1750

Phase 1 cycles 60

Volts 115/230 Amp. 3.8/1.9

Rating ENC. 55°C. Cont.

Serial No. B7

Spec. No. None

Service Factor 1.0 Code M

A. C. Motor

Century Electric Co.

St. Louis, Mo.

(5A)

Thompson Field Run
"29AK"

Time (hr) 1.00
[]

Time (hr) 1.00

1000 [] C-2-10-F-105-FH

Time [] 7.50

97A R.P.M. 1150

Time [] 7.50

1000 [] Amp. 3.8/1.1

Time [] 7.50

Time [] 7.50

Time [] 7.50

Time [] 7.50

Time [] 7.50

Time [] 7.50

Time [] 7.50

(2A)

PART
 (B) Chemical Feed Rm.
 "SPARE"

Lime (or) Alum Shaker Motor
 General Electric
 A.C. Motor

H.P. Frame

Model No.

R.P.M. Phase

219500

Service Factor 1.0 Temp. Rise

Volts Code

Amp. cycles

Time Rating

Ser. No. S W D.

Fort Wayne, Ind.

Chemical Fed. Res.

"Opore"

ms (or) Alum Shaker motor

neal electric

A.C. Motor

Form 1487

Model no. 5K431K 108E

Form 117257

218200

For Factor No. Temp. Res. 25.0

Code 17M

Code 140

Code 140

No. 24D

at Wayne Ind.

PART
C

Chemical Feed Rm.

Lime (or) Alum pump motor - "SPARE"

Name [Howell]

Red Band Motors

Electric Motors Co.

H.P. [$\frac{1}{2}$] Therm. Prot. [None]

R.P.M. [1725] Phase [1]

Volts [115/230] Amp. [$\frac{7.0}{3.5}$]

Cycles [60] Rise [55°C.]

Frame [J56]

Service Factor [1.0]

Model No. [42 J9 4101]

Serial No. [WD 2114] Code [M]

Kingston^{Kc.} Conley Div.

Plainfield, New Jersey

Chemical Feed Rm
Time (hr) Alarm group motor - "2prc"

Phase [Howell]

of Grand Motors

Electric Motors Co.

P/V [Thomson] [Horse]

Rm [1725] Phase [17]

112/334 [1725]

107 [1725]

[1725]

107 [1725]

42 [1725]

W.D. [1725] [1725]

Co. [1725]

Blair Field [1725]

PART

D

CHEMICAL FEED RM."SPARE"

Lime (or) Alum pump

The Weinman pump MFG. Co.

Columbus, Ohio

Model 1 GAB-1 No. 127378-2G.P.M. 20 FT. HD. 20 R.P.M. 1750Date 11-23-62MAX. WORK. PRESS. 175Intake size 1 1/2"Dischg. " 1"

PART

E

"SPARE"LIME (OR) ALUM MIX WELLModel No. A-690521Serial No. GG-19813

WALLACE & TIERNAN

Belleville, New Jersey

Chemical Feed Rm.

"Spray"

Winn-Dixie Pump Mfg. Co.

Model No. [15838-2] R.P.M. [1750]

[11-23-52]

Part No. [175]

Part No. [17]

Part No. [17]

"Spray"

Winn-Dixie Pump Mfg. Co.

Model No. [A-19051]

Part No. [CG-11813]

Winn-Dixie Pump Mfg. Co.

PART Chemical Feed Rm.

(A) "Coagulant Aid pump motor"

Name General Electric

A C. motor

H.P. $\frac{1}{4}$ Frame 56C

Model No. 5KH35KG 171E

R.P.M. 1725 phase 1

219500

Service factor 1.35 Temp. Rise 40°C

Volts 115 Code M

Amp. 4.4 Cycles 60

Time Rating Cont.

Serial No. U.V.D.

Fort Wayne, Ind.

PART

(B) Coagulant Aid pump

WALLACE & TIERNAN

Belleville, New Jersey

Serial No. GG J 05022

General Electric
Bid Pump Motor

1725
219200

138
Code M
A.4

N.Y.D.
Ind.

Bid Pump
Tenn
2022

part
 (C) Chemical Feed Rn.
 "Coagulant Aid pump"
 } Pressure Relief VALVE }

FARRIS Engineering Corp.
 PALISADES PARK, New Jersey
 Type [2745] Size [1/2]
 SET [500] CAP. [LIQ.]
 Orif. [13] CLASS [3]
 SERIAL [24250-FF]

part
 (D) Coagulant Aid
 "Chemical ~~aid~~ Mixer Motor"

GENERAL Electric
 A C. Motor
 H.P. [1/4]
 FRAME [48]
 Model No. [5KH37KG 102E]
 R.P.M. [1725] phase [1]
 Service Factor [1.0] Temp. Rise [55°C.]
 219500
 Volts [115] Code [M]
 Amp. [4.4] Cycles [60]
 Time Rating [Cont.]

Serial No. TWD.
 Fort Wayne, Ind.

Chemical Feed Rm.
Mount Hid Pump
Relief Valve

Engineering Corp.
2400 Park View Drive

20745
21545
200
Cap. 2.0
113
24250-77

Mount Hid
Mixer Motor
Electric

Motor

48

5R H37K6 102E

Phase 11

Factor 110 Temp Res 3.5 ct

219200

Code 11

Code 60

110

No. TND

Machine Ind.

Chemical Feed Rm.

"RAW WATER Meter"

NAME - Bristol's Recorder

Model No. IM1M500-R7A-C1-Z33AXSerial No. 62A15462Chart No. 55001 Volts 120 cycles 60Wiring Diagram 020044

Loop Res.

2000 ^{MAX.} Ohms

Supply Air

PSI

"Range"

Color None

0	375	750	1125	1500	G.P.M.
0	25	50	75	100	%

Type CImpulse cycle 15 Sec.

The Bristol Company

Waterbury, Conn. U.S.A.

Blk. 110

Chemical Feed
Water Meter
Bristol's Records

11/11/11 M 500 - R7A-G1-233AX

11/11/11 A15462

Chart No. 55001 | Vol. 120 | Cycle 64

10/21/11

2-pphr air

1921

1000
1000

"Rings"

375 750 11.5 75000

25 50 75 100%

1921 | 11/11/11 | 200

Bristol Company
Waterbury Conn. N.H.

Blk. 110

Chemical Feed Rn.

"Water Heater" - Electric - (Glass Lined)

NAME LAWSONMAX. RATE P/circuit 240 VoltsAmps. 18.8 - (AC only)Tested to 353 lbs./sq. in.MAX. WORK. PRESS. 150 PSIMASS STD. PRESS. 150 PSI

Model No.

CAP. Gals.

Volts

BER-30DG-2T30240

Serial No.

BE214643

Element

Wattage

MAX. Input

Code

250025002500E63

Upper

Lower

Watts

Pennsylvania - Bradford

Appliance Corp.

Phila. 46, Penn.

James / Dawson / 1887 - (A.C. only)

744. 921 / 150 / 921

744. 921 / 150 / 921

744. 921 / 150 / 921

744. 921 / 150 / 921

744. 921 / 150 / 921

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744. 921 / 150 / 921

744. 921 / 150 / 921

744. 921 / 150 / 921

744. 921 / 150 / 921

Chemical Feed Rm.

NAME - Bristol's FLOWMETER
"TRANSMITTER"

Model No. OF 534M-45 Serial No. 62A15461 Scale 5871 Wiring Diagram 020044

Pipe I.D. 10.345 IN. Orifice I.D. 6.445 IN. Line Temp. 60 PSIG GA.

Dry Differential 100

INS. of WATER

Range					Volts	Cycles
0 - 1500 G.P.M.					<u>120</u>	<u>60</u>
0	4	25	64	100 IN.	Water Diff.	Impulse Cyc.
0	20	50	80	100%		<u>15</u> Sec.

Flow Rate =

Loop Res 2000 ^{MAX.} ohms

Type C

Supply Air PSI

The Bristol Company
Waterbury Conn. U.S.A.

P.S.

This Instrument is Equipped with A
TEFLON SEAL STUFFING BOX

Do Not Lubricate

BRISTOL WATER
TRANS MITTER

Serial No. [234M-42] [234M-42] [234M-42]
 Office ID [1020044] [1020044] [1020044]
 Dist. [102] [102] [102]

Rate	Water Diff	Water Diff	Water Diff
20	50	80	100%
4	25	44	100%
1500-6PM			

BRISTOL COMPANY
Water Dept. Conn. U.S.A.

This instrument is equipped with a
STEEL BOX

BACK Chemical Storage
~~Filter~~ R.M.

"Float Control"

NAME - W.S. Rockwell Co.

Fairfield, Connecticut

Type Blank Serial BG 45237

FLOAT CONTROL VALVE 10"

Front Chemical Storage R.M.

"Hydraulic Floor Jack"

NAME - RAYMOND

MATERIAL HANDLING Equipment

Serial No CAPACITY Lbs.

2084521

6000

Model No.

3 $\frac{1}{4}$ -48-27

The RAYMOND Corp.

Greene, New York U.S.A.

"YALE - Loading Hand Hoist"

Model No. KTH596777

Ton 1

The YALE & Towns MFG. Co.

Forrest City, Ark. U.S.A.

Jack Chemical Storage
R.M.

Float Control

W.S. Rockwell Co.

Five Field Construction

Typical Journal No. 451771

Float Control Valve 10"

"S"

Name

Type

En

H.P.

Cycle

R.P.

Volt

EN

Spec

"G"

Name

Spec

Me

R.P.

EN

R.P.

W

Spec

Jack Chemical Storage

Hydraulic Floor Jack

The Raymond Corp.

Material Handling Equipment

Typical no.

15007

Model no.

158-41-271

The Raymond Corp.

Hydraulic Floor Jack 2 1/2 T.

State - 1 address - Hand-Held

Model No. 158-41-271

Typical

The Raymond Corp.

Hydraulic Floor Jack 2 1/2 T.

"Sludge Collector Motor" (Clarifier)

NAME - Century

Type [S0] Frame [F48]EMI [8-107470-01]Code [K]H.P. [4]Phase [3]cycles [60]

Service factor

R.P.M. [1725][1.00]Volts [208]Amps. [1.15]ENCL. Cont. [55°C.]Serial No. [B9]Spec. [50462]Form [HHE]"GEAR Drive Reduction"

NAME - Winsmith

Speed Reducer

Model No. [7CVD]Serial No. [A77-64A]Ratio [1300]Output Torque inch lbs. [4770]Input R.P.M. [1800]Service factor [1.0]Input H.P. [161]Date [6-62]

Winsmith, Inc.
Springville, Erie Co. N.Y.

Class

Activity

Var

2

3

2.5

3.12

2.11

Math

4

5

6

5.7

Class

Lab

Bo

A

Student Collector Matrix (Continued)

Name - Courtney

Type [2.0] Form [F-48]

EMI [8-107470-01]

Code [K]

Phase [3]

Service Factor

[1.00]

Phase [1.15]

Cost [5.50]

Serial no. [B1]

Form [HAE]

Gear Drive Reductor

Name - Winston

Form Reductor

Model no. [7.50]

Serial no. [A77-48]

Output Torque [A770]

Service Factor [1.0]

Date [6-12]

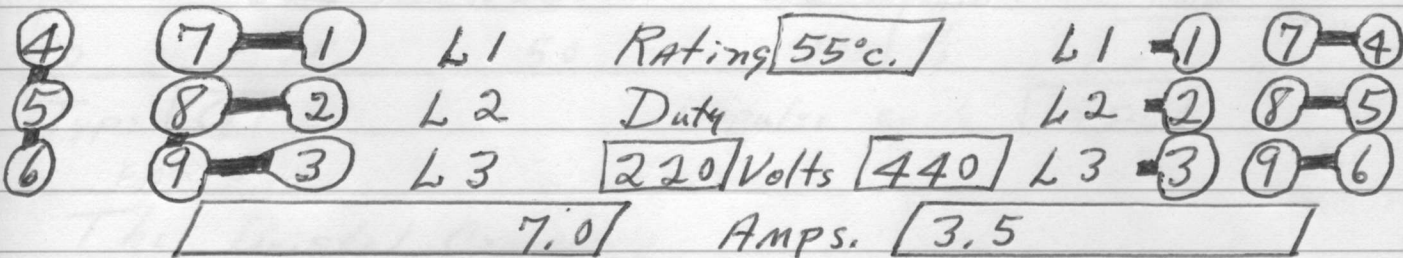
Winstitch, Inc.

Springville, Pa. Co. N.Y.

Clarifier

"Agitator Motor"

Variable Speed Drive

2 H.P. Type WBNFV3 phase cycles 6012.5 } MAX. R.P.M.
31.2 } MIN.No. W6863FRAME 225-630-23208 Volts Net. Lube FreeMotor Speed 1800Sterling Electric Motor INC.
Cincinnati, Ohio

Lionel - Pacific, Inc.

Belt No. 6147C

A Subsidiary of The Lionel Corp.

1 phase
Type WBN 7 V
Circuit 50

0.5 Max RPM
1.5 Min
No. W6823
Frame 255-630-53

Motor Speed 1800
Wt. 1.5 lbs

①-1	L1	Rating 550	①-1
②-2	L2	Dist	②-2
③-3	L3	250V/1440	③-3
7.0 Amps 1.5			

Fluorine Electric Motor Inc.

A subsidiary of the Fluorine Corp.
Belt No. 101410

Filter Room

Bristol's

"Washwater Receiver"

And Recorder

Name - Bristol's METAMeter

Model No.

1M1M500-R7A-C1

Serial No.

62A15460

Chart No.

55055

Volts

120

C4.

60

VA.

Wiring Diagram

011400A

Loop Res.

2000 ^{MAX.} _{ohms.}

Supply Air

 PSI

Range

				G.P.M.	Color
0	625	1250	2500		
0	25	50	100	%	<u> </u>

Type Cimpulse cycle 15 sec.

The Bristol Company
Waterbury, Conn. U.S.A.

Water Room

Water Pressure

Recorder

Bristol's Metameter

Serial No.

15415460

M 500-R7A-G1

Volts

Wiring Diagram

0114304

1.60

1.20

0.55

Supply Air

9.21

1.5

Range

2500 GPM

1.25

1.25

100%

1.25

1.25

imported water 15.25

1.5

Bristol Company

Highway, Conn. U.S.A.

Filter Room

"WASH WATER Transmitter"

NAME - Bristol's Flowmeter

Model No.	Serial No.	SCALE	Wiring Diagram	
OF534M-45	62A15459	5657	011400A	
PIPE I.D.	ORIFICE I.D.	BASE TEMP.	LINE TEMP.	ORIFICE Conn.
12.369 in	8.214 in.	60°F	60°F	FLANGE
BASE PRESS.	SPECIFIC G.	LINE PRESS.		
ABS	1.0	GA.		

Dry Differential

100

inches of Water

RANGE		G.P.M.		100 IN. WTR. DIFF.	Volts	CY.
0	4	25	64			
0	20	50	80	100 %	120	60

Inpulse cy.

15 Sec.

Flow Rate =

Type C

Supply Air

PSI

Loop Res. 2000 Max. Ohms.

The Bristol Company
Waterbury, Conn. U.S.A.

Water Transmitter
- Pressure Flange

1 No. Serial No. 2001
3-PM-45 / 2-A15151 / 5151 / 1011400 N

TO: CONTROL ROOM
FROM: [831A] / [0.7] / [0.7] / [Flange]

Pressure Transmitter
[1.0] / [GA.]

Day Differential
[1.0]

Pressure Transmitter
0-2500 GPM. / 100 in. WTR DIFF
20 80 100 20

Injection Valve
[15] / [20]

Control Room
Type [C]
7.000
[821]

Brushless Generator
[]

Chlorine Feed Rm.

NAME - "Fischer & Porter"

"Chlorinator No. [1]"

Serial No. [6506A4397K1]

Ejector Designed

For following Conditions

Water Inlet pressure [45] PSIG

Solution Backpressure [5] PSIG

Chlorine Flow [100] PPD

Nozzle [161] Throat [A261]

MADE BY Fischer & Porter Co.

Warminster, PA., U.S.A.

Chlorinator No. [2]

NAME - "Fischer & Porter"

Serial No. [6506A4397K2]

Note * No. [2] Chlorinator SAME AS ABOVE - EXCEPT
 Last digit of Serial Number.

Shipping Date

[27 July 1965]

FAN EXHAUST, IGL SELF COOLED MOTOR FAN
 MODEL 83, CHICAGO

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Filter Room

"Filter" WASH WATER pump

NAME - [AURORA]

No. [6214057]

G.P.M. [2000]

Type [OJ]

HEAD feet [55]

SIZE [8M X 10]

R.P.M. [1150]

Pipe Size [10" Intake [8" Dischg.]

AURORA - Pump Division

AURORA, Illinois

WASH WATER pump "Motor"

NAME - [General Electric]

[TRI-CLAD] Induction Motor

Model No. [5K4404A31] Serial No. [YW493036]

H.P. [40] Volts [208-220/440] phase [3]

[60] cycles

[50] cycles

F.L. RPM [1175]

F.L. RPM. [980]

F.L. Amps. [103-103/51.5] F.L. Amps. [114/57.0]

[40°C] Rise Cont. [50°C] Rise Cont.

Service Factor [1.15] Service Factor [1.0]

Type [K] FRAME [404U] NEMA Design [B] Code [F]

Drive End AFBMA Brq. [80 BC 03] opp. Drive End AFBMA Brq. [60 BC 03]

Water Room

Water Pump

AWRORA

12.14057

107

2 P.M. 2000

157

8 M. 10

R.P.M. 1150

107 2.2 2" Disch.

Water Pump Division

AWRORA

Water Pump Motor

General Electric

Induction Motor

11 no. BK 4404 1151 Serial No. YW 493036

120 Volts 308-220/440 Phase 3

50 cycles

R.P.M. 1125

103-103-21.5 F.L. Amps 114/590

50 c / Rise Cont. 50 c

Service Factor 1.0

Frame 404W Name B Code F

180 BC 03 428 MA Bp. 40 BC 03

(A) or No. 1 High Lift Pump

"Electric Motor"

Induction Motor

NEMA Design AService Factor at
Rated Volts & Frequency 1.0Type APZFrame 505S24 Hrs. 55°C. RiseLocked
K.V.A. G100 H.P. 1770 R.P.M. 248 Amps.208 Volts 3 Phase 60 cycles

Rotor Volts Amps.

Serial No. 1-5128-72364-3-1

Allis-Chalmers

Norwood, Ohio. Made in U.S.A.

"Worthington Pump"

Harrison, New Jersey, U.S.A.

Serial No. 14470506 / 3 pumpDriver
H.P. 100 R.P.M. 1750T.D.H. 230G.P.M. 1000Pipe Size 8" Intake - 6" Dischg.

Vol 1 High Lift Pump

Electric Motor

Electric Motor

Display A

Service Station # 110

[A97]

Form # 2052

12575 Rise

Lock # 57

17507 RPM

2487 Amps

508 Volts / 3/phase / 60 cycles

Rotary

1-5128-7334-3-1

Chalmers

9100 Made in USA

High Lift Pump

1147151

3/4 Pump

100 RPM 1150

1930

1000

8" Diameter - 75" Display

Fire Pump or "Gasoline
Emergency Engine"

Name - Continental

Motors Corp'n.

Detroit & Muskegon, Mich.

Motor No.

33 R 2938

Spec. 124

Tappet Clearance

Engine Oil

EXH. 0.24

Summer 40

INT. 0.20

Winter 30

"Cassidy" Engine

Continental

Continental

Continental

2938

1754

Hot Clearance

0.24

0.20

Engine Oil

0.40

0.30

(B) or No. 2 High Lift pump

Name "Worthington"

Serial No. [1447051]

T. [4 L 3] pump

Drive HP. [50] R.P.M. [1750]

T.D.H. [200]

G.P.M. [500] pipe size [6" Intake [4" Dischg.]

Worthington Corp'n.

Harrison, New Jersey

Motor - Electric

Induction Motor

Nema Design [A]

Service Factor At
Rated Volts + Frequency [1.0]

Type [APZ]

FRAME [4445]

[24] Hrs. [55° C. Rise]

Locked
KV-A. [G]

50 } H.P. 1760 } R.P.M. 130 } Amps.

[208] Volts [3] Phase [60] cy.

Rotor Volts Amps.

Serial No. [1-5126-72364-1-1]

Allis-Chalmers

Norwood, Ohio. Made in U.S.A.

Walt Whitman

1447051

3 pump

50 RPM 1750

300

pipe 2.5 4 1/2

Electric

Design

Service from at

442

97

550 R. 1

6

1307

1760 RPM

1508 Volts

3 phase

60/4

Motor

1-5154-7534-1-1

Chlorine

Wood Ohio

(C) or No. 3 High Lift pump

Name "Worthington"

Serial No. 1447052

2 R 1 pump

Drive H.P. 20 R.P.M. 3500

T.D.H. 200

G.P.M. 250 Pipe Size 3 1/2" Intake 3" Dischg.

Worthington Corp'n.

Harrison, New Jersey

Motor - Electric

Name - Induction Motor

NEMA Design B

Service Factor At Rated Volts & Frequency 1.0

Type APZ

Frame 326

24 Hrs. 55°C Rise Locked KV-A. Code F

20 H.P. 3500 R.P.M. 50.8 Amps.

208 Volts 3 Ph. 60 cy.

Rotor Volts Amps.

Serial No. 1-5124-72364-2-1

AC Allis-Chalmers

Norwood, Ohio. Made in U.S.A.

No. 3 / H. P. 2:74 Pump

Westchester

No. 1447024

R. T. Pump

120 R.P.M. / 3500

H. 1200

1250

Washington Capital

Man Jersey

Motor - Electric

Industrial Motor

18

1925 Frame / 320

1250 R.P.M. / 3500

5087

3/4

160

1-5124-7234-2-1

Alto - Chalmers

Wood, Ohio. Made in U.S.A.

High Lift Pump Rm.
"Finished Water Meter"

NAME - Simplex

Type HB

Serial No. 01677 8231

Differential 114.6 IN. WATER

Fluid Water

Temp. Normal

Pressure 99.59

Chart No. 12150

Mercury 9lb. 8 oz.

Integrator Reading

1 2 3 4 5 6 00

Primary Device } ORFICE

Size 10x6.902

100% = 2000 G.P.M.

Simplex Valve & Meter Co.
LANCASTER, PA. U.S.A.

Water Meter
Pump Room

2.10/02

HB

No. 10100 8031

Water Meter

Water

Normal

9.2.21

No. 12150

9.2.21 8/05

Water Reading

456.00

FORCE

10 x 6.905

3000 G.P.M.

Water Meter Co.

PA. 12.2.21

High Lift pump Rm.
 "Overhead Tank"
 Chron oflo Telemeter

Telemetric Receiver

Model CRS-C Serial Blank
 Stock 1311 Trans. 5409
 Volts 110 Cycles 60 Interval 15 sec.
 Full Scale Period 11.67 sec.
 MAX. SIGNAL 12.50 sec. | ZERO SIGNAL .833 sec.

Builders - Providence, Inc.
 Providence, R.I. U.S.A.

PURSER & London, Inc.
 Sales Engineers
 Charlotte, N.C.

"Builders Receiver"

Serial No. 3643 Model CRB-R
 P.L. No. 4404 For Trans. No. 5409
 DiFF. Producer No. M2829 Reading
 Full Scale 11.67 sec.
 MAX. SIGNAL 12.50 sec.
 Chart Style 100

Lift Pump No.
"Tank"
of. Tank

1311	110	11.57	12.50
Trans. 15409	11.57	12.50	12.50
Serial Blank	11.57	12.50	12.50
C R 2-0	11.57	12.50	12.50

Blk. - 1158

Blk. - 1158

Model 19 R-R	11.57	12.50
For Trans. No. 15409	11.57	12.50
Product No. 1158	11.57	12.50
11.57	11.57	12.50

High Lift Pump Rn.

"Ground Storage"

Chronoflo

Telemeter

Telemetric Receiver

Model CRS-C

Stock 1311

Trans. 5407

Volts 110

cycles 60

INTERVAL 15 Sec.

Full Scale period 11.67 Sec.

MAX. SIGNAL 12.50 Sec.

Zero SIGNAL .833 Sec.

Bristols

"Depth Indicator"

Model

OMIM 500

Serial

62A15463

Scale

M 15 PSI

Loop Res.

2000 ^{MAX.} Ohms

Range

0	7.5	15
.83	6.66	12.5

Color

Sec.

Type C

Impulse cycle 15 Sec.

The Bristols Company
Waterbury, Conn. U.S.A.

LIFT Pump Run

Storage

Receiver

C.R.2-C

Trans 5407

1107

Scale Period 1167 sec

1250 sec / 833 sec

State

with Indicator

Serial

1200 / 5407

5 921

Run

Unit

Phase

Color

7.5

15

5.66

1212

sec

15

Impulse cycle 15 sec

Pristine Company

Company, Conn. U.S.A.

Well # (2)

Horsepower = [5]

Type [SCU W/N RR]

Volts [208/416]

Frame [254]

Serial No. [2401620]

cycles [60]

R.P.M. [1800]

Amps. [7.4] {High Voltage}

Amps. [14.8] {Low " }

Rating [40 C]

Code [H] Shop Pump # [29956]

Design [B]

HAS oil drip cup [1 qt.] CAPACITY

HAS Grease fittings only

[45] G.P.M. = [70#] Press.

HAS [4"] Blow off

SIZE - Dischg. pipe [4"] From pump to Blow off [4" X 6"]

Blow off Tee [6"] including Tee to past Check Valve

Then Reduced by Reducer El to [4"] to past

Gate Valve Then INCREASES to [6"] on to Main.

(2)

12.5M W/M R/R

12.08/12.12

12.34

W. 12.40/12.30

12.01

12.00

12.01

12.02

12.02

12.02

12.02

all ship out / 1st / capacity

Greater fittings only

12.02 / 12.02

12.02 / 12.02

Disc rd. pipe / 4" from pump to Bluff / 12.02

off top / 12.02 / 12.02

Reduced by Reducer at top / 12.02

Water / 12.02 / 12.02

Well # (3)

U.S. Electric Motor

Horsepower = 15 phase = 3

Type = CFU (W/N.R.R.)

Frame = 326

Volts = 208/416

Serial # = 2363551

cycles = 60

R.P.M. = 1800

Amps. = 21.1 (High Voltage)

Amps. = 42.1 LOW "

Rating = 40°C

Code = F (Shop # 29048)
pump #

Design = B

HAS oil drip [1 qt.] CAPACITY

HAS Grease Fittings (oil cup on top side of motor instead of Grease Fittings, in which Turbine oil Replaces

Layne Turbine pump # 29048

@ 50# press, puts 180 G.P.M. into plant.

Dischg. Pipe (Size) 6" From pump past check valve

Reduced to " " 4" past Gate valve

Then Increased to " 6" Again & on to ^{TRANS.} MAIN

Normal Press. = 52#

4" Blow off

③

Electric Motor

$$\text{Power} = \frac{1}{2} \times \text{rpm} = 3$$

$$= \frac{1}{2} \times \text{W.N.R.R.} \times 7$$

$$= 3.5$$

$$= 2.5 \times 1.41$$

$$= 3.535$$

$$= 1.5$$

$$= 1.2$$

$$= 2.1 \text{ (Horse Power)}$$

$$= 1.1 \text{ ton}$$

$$= 10 \text{ c}$$

$$= 7 \text{ (Step } \# = 2.9 \times 2.5)$$

$$= 8$$

oil dip (1 gal capacity)

check fittings (check top side of motor)

kind of check fittings in which direction of flow

the motor pump # 21048

to pump out 12/16 gal. into pump

it is a 1/2" pipe

1/2" pipe (21048) 1/2" from pump out check valve

to " " 1/2" pipe + Gate Valve

check valve 1/2" pipe + Gate Valve

$$\text{Pressure} = 2.5$$

Blow off

Well # (4)

U.S. Electric Motor

Horse power = 15 PHASE = 3

Type = CFU - N.R.R.

Volts = 208/416

FRAME = 326-P

Serial # = 2363545

cycles = 60

R.P.M. = 1800

Amps. = 21.1 (High Voltage)

" = 42.3 (Low ")

Rating = 40°C

CODE = F Shop # 29049
pump #

Design = B

HAS oil Drip cup (1-qt. capacity)

HAS Grease Fittings [oil cup on top side of motor
instead of Grease Fittings, in which Turbine oil Replaces]

@ 50# press. puts 180 G.P.M. into plant.

Size = Dischg. Pipe 6" FROM pump past Gate Valve

Then Reduces to 4" to past Gate Valve

Then INCREASES to 6" again & on to TRANS. MAIN.

HAS 4" Blow off

Blk # 100

(A)

Electric Motor

$$= \frac{15}{15} \text{ (amps) } \times \frac{230}{1} = 345$$

$$= \frac{15}{15} \text{ (amps) } \times \frac{230}{1} = 345$$

$$= \frac{345}{1000} = 0.345$$

$$= \frac{345}{1000} = 0.345$$

$$= \frac{345}{1000} = 0.345$$

$$= \frac{1800}{1000} = 1.8$$

$$= \frac{21.1}{1000} = 0.0211$$

$$= \frac{42.3}{1000} = 0.0423$$

$$= \frac{40}{1000} = 0.04$$

$$= \frac{200}{1000} = 0.2$$

$$= \frac{18}{1000} = 0.018$$

oil Dip cap (top capacity)

oil Dip cap (top side of motor)

oil Dip cap (top side of motor)

oil Dip cap (top side of motor)

oil Dip cap (top side of motor)

oil Dip cap (top side of motor)

oil Dip cap (top side of motor)

oil Dip cap (top side of motor)

Blk # 100

Well # 5

H.P. = [7.5] - [3/ph. - cy. = [60]
 Volts = [220/440 (208)] R.P.M. [1800]
 Type = [SCU W/N.R.R.] Amps. Hi. = [10]
 Frame = [284-P] " Lo. = [20]
 Serial = [2525426] Code = [G]
 Rating = [40°C] Design = [B]

HAS oil ~~Box~~ Feed (Large) Also GREASE fittings
 Dischg. pipe size [6"] From pump to past check
 VALVE decreases to [4"] to GATE VALVE + Then
 it INCREASES to [6"] AGAIN.
 HAS [4"] Blow off

17.51 - 7300
 = 1520/440 (100%)
 = 2.00 W/HR
 = 1284-9
 = 1552525
 = 140.9
 1800
 Hi: 110
 10.5 20
 10
 18

oil ~~is~~ Fed (type) also brass fitting
 pipe 2.5" / From pump to part check
 decreases to 140 / to Gate Valve + then
 increases to 150 / then
 14" / Blw 077

Well # ⑥

H.P. = 7.5 - 3 phaseType = SCU (W/N.R.R.)Volts = 220/440 - (208)FRAME = 284-PSerial # = 2525427Rating = 40° c.Design = Bcycle = 60R.P.M. = 1800Amps. = 10 = Hz." = 20 = L.O.Code = GShop # = N.C.M.110

HAVE oil Feeds (Large) Also Grease Fittings

Dischg. pipe size (6") From pump to past check
VALVE - DECREASES to (4") to GATE VALVE + Then
it INCREASES to (6") AgainHAS 4" Blow off

0

17.57 - [3 phase]

12.57 (current)

spec. fuel

R.P.M. = 1800

12.50/440 - (208)

amps = 107

1284.9

" = 5 of 100

1 # - 12525427

Code = [G]

14.01

Temp # = N.C. 1110

1 B

oil feeds (large) also Green + things

pipe size (6") from pump to port check

- decreases to (4") to Gate Valve + then

increases to (6") again

4" / Blow off

Well # ⑦

Holloshaft "motor"

H.P. [5] ph. [3] cycles [60]
 Frame [215P] Volts [220] Amps, [14.0]
 Type [HU] " [440] " [7.0]
 Design [B] Code [H]
 Upper Bearing [1-7210BTC] R.P.M. [1800]
 Lower " [1-6207J] Rating [40°C.]
 SA [NRR] Serial No. [351886A]

E/S Electric Motors

Division of Emerson Electric
 St. Louis, Mo.

"Pump"

Name - Layne

Type - Vertical Centrifugal ^{Turbine} pump

pump no.	H.P.	Type
[47591]	[3.9]	[DRLC]
Size	G.P.M. Rated Cap.	Stage
[8]	[150]	[3]
Total Head Feet	Full Load R.P.M.	
[75]	[1750]	

Layne & Bowler, Inc.
 Memphis, Tenn.

Size - Dischg. pipe [4"] From pump past Gate Valve
 INCREASES to [6"] on to ^{TRANS.} MAIN.

[4"] Blow off

1102 West Motel

9/8	9/8/3	230/7.99	14.0
11/1	11/1	440	7.0
12/1	12/1	500	7.0
1-7210870	R.P.M. 1700		
1-52070	R.P.M. 1400		
3218204	Serial No.		

Division of Emerson Electric
St. Louis, Mo.

11/10

Vertical Centrifugal Pump

15911	H.P.	Type	
15911	1.5	D.R.C.	
15911	1.5	2.5	
15911	1.5	3	
15911	1.5	3	
15911	1.5	3	

Hyatt + Bowler, Inc.
Memphis, Tenn.

53 - Dischg. 15904 of Fern from part Com. Unit
Access to 15904 to main
Blow off

Well #8

Hollow Shaft "Motor"

H.P. 5 Ph. 3 cycles 60
 FRAME 215P Volts 220 Amps. 14.0
 Type HU " 440 " 7.0
 Design B Code H
 UPPER BEARING 1-7210BTC R.P.M. 1800
 LOWER " 1-6207J Rating 40°C.
 SA NRR Serial No. 3519108

U.S. Electric Motors
 Division of EMERSON Electric
 St. Louis, Mo.

"PUMP"

NAME - Layne
 Type - VERTICAL CENTRIFUGAL Turbine Pump
 Pump No. H.P. Type
47590 3.9 DRLC
 Size G.P.M. Rated CAP. Stage
8 150 3
 Total Head Feet Full Load R.P.M.
75 1750

Layne & Bowler, Inc.
 Memphis, Tenn.

Size - Dischg. pipe 4" From pump past Gate Valve
 INCREASES to 6" on to ^{TRANS.} MAIN.

4" Blow off

(8)

1. Electric Motor
 2. Division of Bureau of Electric
 3. In R.R.

4. Vertical Central
 5. H.P.
 6. G.P.M. Rated Cap.
 7. 1150
 8. Hand Fan

9. + Bunker
 10. Diesel Engine
 11. Blow off

"Elevated Tank"

ELTRO Rust Proofing System

CATHODIC OF PROTECTION

110 - 120 V.A.C.

Supply

Apply 6.8 to 7.8 AMPERES to Right Ammeter (A1) with Full tank

" 1.8 to 2.1 " " Left " (A2) " " "

ELTRO Rust-Proofing Corp.

File No. 7292

Belleville 9, New Jersey

Builder's

Chronoflo

Telemeter "Transmitter"

Builders - Providence, Inc.

Providence, R.I. U.S.A.

Elevated Tank

Altitude Valve

Size 8"

NAME - ROSS

Model No. 40 AWR

Serial No. 52384

ROSS VALVE MFD. Co. Troy, N.Y.

SERIAL No. 5409

Stock No. 1267

Model No. CTI

Volts 110

Cycles 60

Tube Drift

INSTALL No. M2829

INTERVAL 15 SEC.

Full Scale Period 11.67

CORR. PRESS.

OR DIFF. CHANGE 30

CORR. PRESS.

OR DIFFERENTIAL 138.4

Builder's - Providence, Inc.

Division of Builders Foundry

Providence, R.I. U.S.A.

NORMAL Tank PRESSURE 65*

Elevated Tank

Public of Protection

120/100

11.8 # 211

11.8 # 211

Elevated Tank

Altitude Value

2.5 x 8'

Name - Ross

Model no / 40 AWR

Serial no / 52384

Stock no / 1121

Cycle / 60

Scale Period / 11.67

138.4

Division of Builders Forestry

R.I. U.S.A.

Tank Pressure / 60

Page 46

"Emergency Station"# (A) GASOLINE Engine

Continental Motors Corp.
Detroit, Mich.

Model	Speci	Engine No.
M330	1029	19975

Pump # "1"

Fairbanks - Morse

Size [4"] [581.4 B] [6" Intake [4" Dischg.

G.P.M. [750] R.P.M. [1750]

Press [85 lbs.] B.H.P. [48.7]

No. [K 8574 7] MAX. B.H.P. [57.4]

Pump # 1 "Electric Motor"

Fairbanks - Morse

Induction Motor

Type [Q Z K]

Frame [R 5405 S]

No. [F 335641]

Speci [Q 0111-3]

H.P. [50] [3] ph. [60] cy.

Full Load R.P.M. [1755]

[208/416] Volts

[129/64.5] Amps.

S.F. [1.15] Code [F]

Duty [24 hrs.] [40°C.] Rise

Bldg. # 203

Process Station

Engine
Motor
M.C.A.

Engine No. 19975
10321

#1

Morse - Morse

1581.4 B / C / 1000 / 4 / 3
RPM 11750
BHP 1437
Mar. BHP 57.41

#1 Electric Motor

Morse - Morse
1007.41 / 1000 / 4 / 3
1102 / 1025
2711.12 / 1000 / 4 / 3
1007.41 / 1000 / 4 / 3

41

Emergency StationPump # "II"

NAME = Fairbanks - Morse

Size 4" 5814 F 6" Intake 4" Dischg.G.P.M. 750 R.P.M. 1750Press. 85 lbs. B.H.P. 48.7No. K 85746 MAX. B.H.P. 57.3Pump # II "Electric Motor"

Fairbanks - Morse

Induction motor

50 H.P. 3 PH. 60 cy.Type Q Z KFull Load R.P.M. 1755Frame R 5405 S208/416 VoltsNo. F 335642129/64.5 Amps.Spec. Q 0111-3S.F. 1.15 Code FDuty 24 hrs. 40°C Rise"Altitude Valve"NAME - ROSSModel No. 45 FWRSERIAL No. 57212PIPE SIZE 6" Inlet + outlet

Station # 11

Full tank - 100%

4	5814	F	7	1750
		R.P.M.		
		B.H.P.		487
K 8574		min B.H.P.		5.73

Motor # 1 Electric Motor

Full tank - 100%

150	H.P.	3/4	1600
		R.P.M.	1750
208		Volt	
127		amps	
27		Cal/F	
24		in	

Altitude Value

1922

Model No. 145 FWR

Serial No. 157512

Pipe Size 1 1/2" inlet + outlet

Emergency Station

Pump # "III"

Peerless pump

G.P.M. [125]

Ft. [2"] Intake

[160] [1"] Dischg.

R.P.M. Model Serial No.

[3450] [1-2-8] [123674]

This pump is equipped with a Mechanical Seal

Complete Seal No.

[2657093]

SEAL PARTS Kit

[2657093]

Pump # III "Electric Motor"

Marathon Electric MFG. Corp. WAUSAU, Wisconsin

Model [2A 254 UTDB1 W]

H.P. [10] FRAME [254U]

F.L. R.P.M. [3450] Ph. [3]

Voltage [208-220/440] Type [TDB-BE]

F.L. Amps. [26.2/13.1] Cy. [60]

Time Rating [Cont.] Rise [40°C]

Design Letter [B] S.F. Code [G]

SHAFT End. Brqn. [97608]

Opp. " " " [97608] [27.8] Amps.

Station

77

Blk Pump

1/25

2 1/2 hrs

1/2 Disc

Serial No.

Model

133294

1-7-8

is equipped with a mechanical seal
seal part kit
1352993

77 Electric Motor

WESTERN ELECTRIC CO. WASHINGTON

Model 55A WTB1 W

Frame 554A

RPW 3450

Typ TTB-8B

1/2 101

Rise 40.5

Cap G

378

Emergency Station

Pump # "IV"

Peerless Pump

G.P.M. [125]

Ft. [2"] Intake

[160] [1"] Dischg.

R.P.M.	Model	Serial No.
[3450]	[1-2-8]	[1236703]

Peerless Pump Div.

This pump is equipped with a mechanical seal

Complete Seal No.

[2657093]

Seal parts kit

[2657093]

Pump # IV "Electric Motor"

Marathon Electric Mfg. Corp. WAUSAU, Wisconsin

Model [2A 254 UTDB1 W]

H.P. [10] FRAME [254U]

F.L. R.P.M. [3450] PH. [3]

Voltage [208-220/440] Type [TDB-BE]

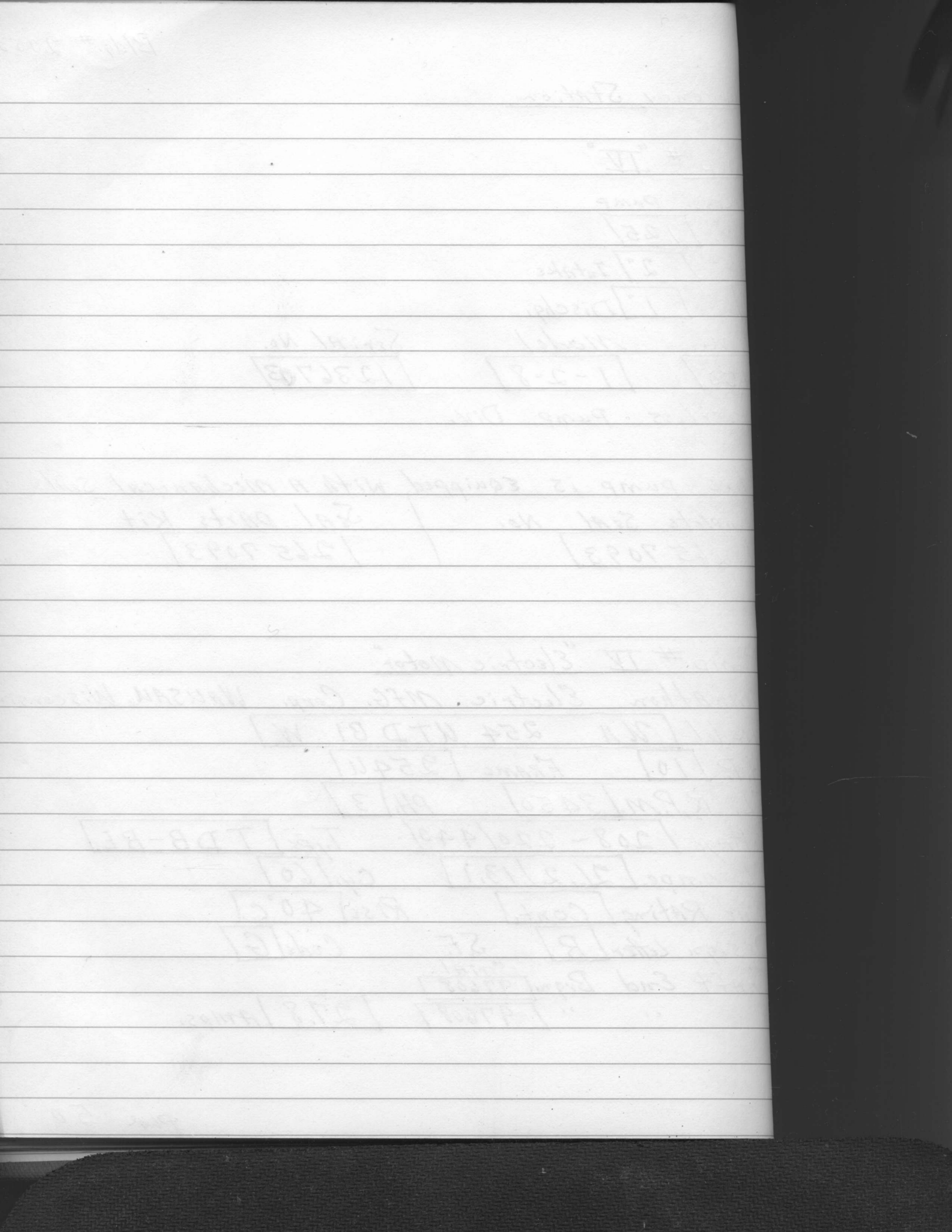
F.L. Amps. [26.2/13.1] Cyl. [60]

Time Rating [Cont.] Rise [40°C]

Design Letter [B] S.F. Code [G]

Shaft End Brq. ^{Serial} [97608]

Opp. " " " [97608] [27.8] AMPS.



Emergency Station

"Automatic Control Panel"

For Gasoline Engine Driven Fire Pump

M.F. RD. By King-Knight Co., San Francisco Cal.

Model F.P. -53

Volts D.C. 6

Serial No. 53139

Minneapolis-Honeywell Regulator Co.

Brown Instruments Division

Philadelphia, PA. MADE in U.S.A.

Model No.

702X1-P1-11-111-77-Q

Coil circ.

Range

Serial No.

V ~

0 - 150 PSI

923241

Motor circ.

Chart or Scale

115V 60 ~

12581

FARADAY

Uni pact

"Alarm" Bell

"Auxiliary Relays"

Cat. No.

2020

Type

M-1

For Automatic Control Panel

Volts

9

Amp.

1

For Gas Engine Driven Fire Pump

Cyc.

DC

Gong in
6

Model 1B-53

Serial No. 53139

Note

Use only with

Model F.P-53

6 Volts DC

Spartan FARADAY Inc.

ADRAIN, Mich.

Agency Station

Unit (Control Panel)

Gasoline Engine Driver Fire Pump

R.D. B. King-Knight Co., San Francisco, Cal.

Model [53]

DC [5]

Serial No. [53139]

Manufacturer - Hamilton-Russell Co.

Instrument Division

Model No. 99, Made in USA

Serial No.

91-11-11-77-8

Range

0-150/psi [923241]

Chart or Scale

[12587]

Faraday

Unit

Blow Ball

Type

[M]

Model

Model [8-53]

Serial No.

Serial No. [53139]

Chart or Scale

[53139]

Notes

See also with Model [53-53]

Blow Ball DC

Serial No. [53139]

OFFICER'S ^{Swimming} Pool

Bldg. # 710

"Filter Unit"

MADE by NATIONAL
Pool Equipment Co.
Florence, ALA.
El Monte, CALA.

Diameter

[95]

Serial No.

[717]

Date

[7-63]

Recirculator "pump"

CARVER Pump Co.

Size [6"] Intake

Muscatine, IOWA, U.S.A.

" [4"] Dischg.

[3 H]

Serial [53823BF]

[238]

HD. Ft. [80]

R.P.M. [1750]

"Chemical Feeder"

Model No. [D20F51D1]

Series [DFD]

G. P/A Solution - Slurries

[3.88]

[2.88]

Blk. 110

2/20/57

OFFICER'S

Unit

by National

Equipment Co.

Reference

Monte Carlo

Inventory

Serial No.

7171

Date 7-63

Calculator "Camp"

Carrier Pump Co.

Mascotte, Iowa U.S.A. "A" 17250

Serial 538387

HD. F. R. P.M. 1750

Chemical Fisher

Model No. DDOE 71 D1

Serial DED

P.M. Delator - 2/units

388

Blk. 110

O. Pool

Recirculator pump "Motor"

Westinghouse

H.P. [7.5]

Frame [254UCZ]

Model [ABDP]

[60]cy Locked

X VA. Code [H]

Serial No. [470B911G17] / Ser. [23N6574]

[3] Phase [60] cycles [40°C] Rise cont.

[208-220/440] Volts

[22-21/10.5] Amps.

[1730] R.P.M.

Drive End Brq. [367P969G01]

Front " " " " " "

O. Pool

Chemical "Mixer" Motor

General Electric

A C Motor

H.P. [$\frac{1}{2}$] Frame [48]

Model No. [5KH35KG 111F]

R.P.M. [1725] PH. [1]

219500

S.F. [1.0]

Code R

Temp. Rise

Volts [115]

Cy. [60]

[50°C.]

Amps. [6.4]

Time Rating [Cont.]

Serial No. [TXA-H63] (SA Fort Wayne, Ind. U.S.A.)

Blind 10

Pool

Stainless Steel

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

Pool

Stainless Steel

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

10/15/50

COMBAT TRAINING TANK

Filter WASH Rm.

(1) Filter - BOWSER

WASH	Filtration	Equipment
FIGURE No.	MFD. By	SERIAL + Stock No.
<u>610 79</u>		<u>551 6698</u>

BOWSER, Inc.
Fort WAYNE INDIANA

(2) Filter - BOWSER

WATER	Filtration	Equipment
FIGURE No.		SERIAL + Stock No.
<u>610 79</u>		<u>551 6699</u>

#

(3) Filter - BOWSER

WATER	Filtration	Equipment
FIGURE No.		SERIAL + Stock No.
<u>610 79</u>		<u>551 6701</u>

PIPE SIZE = 4" Intake + 4" Dischg. (on All 3)

(OVER)

COMBAT TRAINING TANK

"FILTER WASH ROOM"

SUMP PUMP #1

CHICAGO PUMP CO. E.

FORM P/BP DUTY = CONT. PHASE 3

RPM 1155 VOLTS 208 - 220 - 440

H.P. 2 AMPS 6.6 6.4 - 3.2

DESIGN B CYCLE 60 CODE J RISE 40°C

PUMP PE 1909 4" OUTLET

SERIAL # Y11624A20

SUMP PUMP #2 SAME AS #1 EXCEPT

SERIAL # Y11626A9

FLOAT SWITCH FOR SUMP PUMPS

SQUARE D CO.

CLASS 9036 TYPE AG553

FORM CR 4044M3G2-456

CHEMICAL MIXER MOTOR

MASTER A.C. MOTOR - SERIAL # DR12693

STYLE 261440 TYPE RA FRAME G56 HP 1/4

VOLTS 115 230 CYCLE 60 PHASE 1

AMPS 4.6 2.3 RPM 1725 CODE G

CONTINUOUS DUTY. 40°C.

MADDEN METERING PUMP

MADDEN CORP. CHICAGO 26, ILLINOIS

MODEL 502 MAX. PRESS. 750

SERIAL 1189 VOLUME 4.3

1190

COMBAT TRAINING TANK
"WASH ROOM"

FLOW RATE METER

NAME - FISCHER & PORTER

SERIAL No.

5612A1988A1

DUNHAM

"UNIT HEATER"

CAT. No.

V 300 J

SERIAL No.

145010

C. A. DUNHAM Co.
Michigan City, Ind.

HEATER "MOTOR"

GENERAL ELECTRIC

SERIAL No.

5K5P21FB896

H.P. 1/15 Ph. 1

Cycles 60

Volts 115

Amp. 4.0

CCW

R.P.M. 1050

MADE in U.S.A. UNV

THERMOSTAT

BARBER-COLMAN

CYDP .195-1

-STRAP ON CONTROL

BARBER-COLMAN Co.

Rockford, Illinois, U.S.A.

What Training Tank
Room

Rate Motor

Fraser & Park

AMERICAN

1942

1943

1944

1945

1946

1947

1948

1949

1950

1951

1952

1953

1954

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

COMBAT TRAINING TANK
WASH ROOM

(No. 1) "Filter Recir. Pump"

Chicago Pump

Complete Seal No.

2655880

Seal Parts Kit

2656327

(No. 1) pump "Motor"

Reliance

Precision built

A.C. motor

FRAME	Form	Duty	PHASE	IDENTIFICATION No.			
DB324U	B/BP	Cont.	3	N 14-685-A1			
H.P.	R.P.M.	Volts		Amps	Cy.	Code	Rise
25	1760	220/440		63.6/31.8	60	F	40°C.
Design	B	208		66.8			C

(No. 1) pump "STARTER"

GENERAL ELECTRIC

STARTER COMPENSATOR

CR 1034 E100AA cycles 50/60 3 PHASE

H.P.

25208/220 Volts

For UV Volts / SEE COIL N.P.

N.P. 161709GE1-42543

NOTE * Pump, - motor, + STARTER FOR (No. 2) SAME AS (No. 1)

Blk. # 202

about Training, Tank
with Ram

"Filter Race Pump"

Waste Pump

Seal plate kit
/ 252 307

Waste No. / 252 880

"Pump Motor"

Waste

Waste

Waste

Waste / 31

Waste / 14 182-411

R.P.M. / 308

Waste / 308

Waste / 1750 / 250/440 / 136/310 / 50/50

Waste / 308 / 308

"Pump Motor"

General Electric

Waste

Waste / 1034 / 310 / 310

Waste / 250 / 250 / 250

Waste / 250 / 250

Waste / 250 / 250

Waste / 250 / 250

Waste * Pump-motor & Starter for (No. 2) (No. 1)

Waste

COMBAT TRAINING TANK
 CHLORINATOR ROOM
 "CHLORINATOR"

NAME - WALLACE + TIERNAN

Belleville,

NEW JERSEY

Type No. A 667

SERIAL No. XXXXXXXXXX AA-3691

METER No. 10200-8

Chlorine - Lbs. P/24 Hrs. SCALE 0-100

"EXHAUST FAN" CH. ROOM

BUFFALO FORGE CO., BUFFALO, N.Y.

G.E. MOTOR A.C.

HP = 1/6 FR 48 MOD. 5RH33GG111A PHASE 1

RPM 1725 121334 TEMP. RISE 40°C. CY. 60

VOLTS 115 CODE P SER. NPA CONT.

FORT WAYNE, INDIANA

#505

about Training Tank

Water Room

Wallace + Terman

Jersey

AA-3191

No. 10200-8

10200-8

FRANK'S ROOM

FRANK'S ROOM

A. G. ...

FRANK'S ROOM

FRANK'S ROOM

FRANK'S ROOM

FRANK'S ROOM

#505

WATER TREATMENT PLANT
 OLD "Electric Unit Heaters"

Locker Room

Model No. 310-H (NO) 191-010 HA Style F4

10,200 BTU

200 CFM

3 KW 230 Volts 12.0 Amp. 60 cy. 3 ph.

ILG Electric Ventilating Co.

Chicago ILG 41, U.S.A.

"Motor"

General Electric

Model No. 5KSP51EL50

115 Volts 60/50 cycles .7 Amp.

9W 10

4P CW

High Impedance

PROTECTION

U N E

Water Treatment Plant
"Electric Unit Motors"

Locker Room

Model No. 310-HVO 191-010 HA 2 1/2 / F 4 /

200/CFM

200/BTA

1/2 KW 230 Volts 12 Amps 60 cps 3 ph.

Electric Ventilating Co.

Chicago A. I. W. S. A.



Water

General Electric

Model No. 5K2P51E150 /

1 1/2 KW 1/2 200 Volts 1.7 Amps

1/2 HP CW

High Impedance

Protection

U. N. E.

WATER TREATMENT PLANT

Filter Room

Electric Unit "HEATER"

Model No. [1217A (NO) 191017FB] Style [F4]

[41000] BTU [800] CFM

[12] KW [230] Volts [31.5] Amp. [60] cy. [3] Ph.

Note * The Above DATA is the same on HEATERS @
indicated Locations

- (1) OVER Filter # 1
- (2) @ GARAGE DOOR-NEXT to Chlorine Rm.
- (3) OVER WASH BASIN - @ Rest Rm.

Chlorine Feed Rm.

Electric Unit "HEATER"

Model No. [513A (NO) 191013EB] Style [F4]

[17100] BTU [335] CFM

[5] KW [220] Volts [14] Amp. [60] cy. [3] PH.

The Treatment Plant
Water Room

Electric Unit Heater

Model No. 1217A (NO)	1910175B	244/74
1100/BTU	800/CFM	
5/KW	230Volts	31.5/amp. 1.60/ohm. 1.3/pt

Note: The above data is the same as heater in
Water Room

Water Filter #1

Garage Door-Unit to Clean Room

Water Wash Basin - 2 Post Rm

Electric Unit Heater

Model No. F13A (NO)	191035B	244/74
11700/BTU	335/CFM	
5/KW	230Volts	1.7/amp. 1.60/ohm. 1.3/pt



