

A JOINT VENTURE

**Lockwood Greene-Six Associates**  
architects-engineers-planners

August 1, 1980

77239.18 - Naval Regional Medical Center

470/LG/SA  
CWM - .18

Department of the Navy  
Atlantic Division  
Naval Facilities Engineering Command  
Norfolk, Virginia 23511

Attention: Mr. Stephen D. Emrick, Code 09A21A

Subject: Contract N62470-75-C-1383, Architectural and Engineering Services  
for Hospital Replacement, Naval Regional Medical Center, FY1977  
MCON Project P-600 at the Marine Corps Base, Camp Lejeune, NC

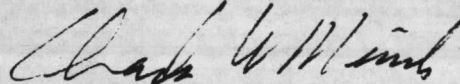
Gentlemen:

The attached is copy of the Data Base and Typical I/O Schedule for the Hot Water Converter. This is another of the partial schedules which was explained in Joint Venture letter 445/LG/SA dated July 16, 1980.

Please advise if you have any questions or comments so that we may incorporate them prior to printing I/O Schedules.

Very truly yours,

LOCKWOOD GREENE/SIX ASSOCIATES



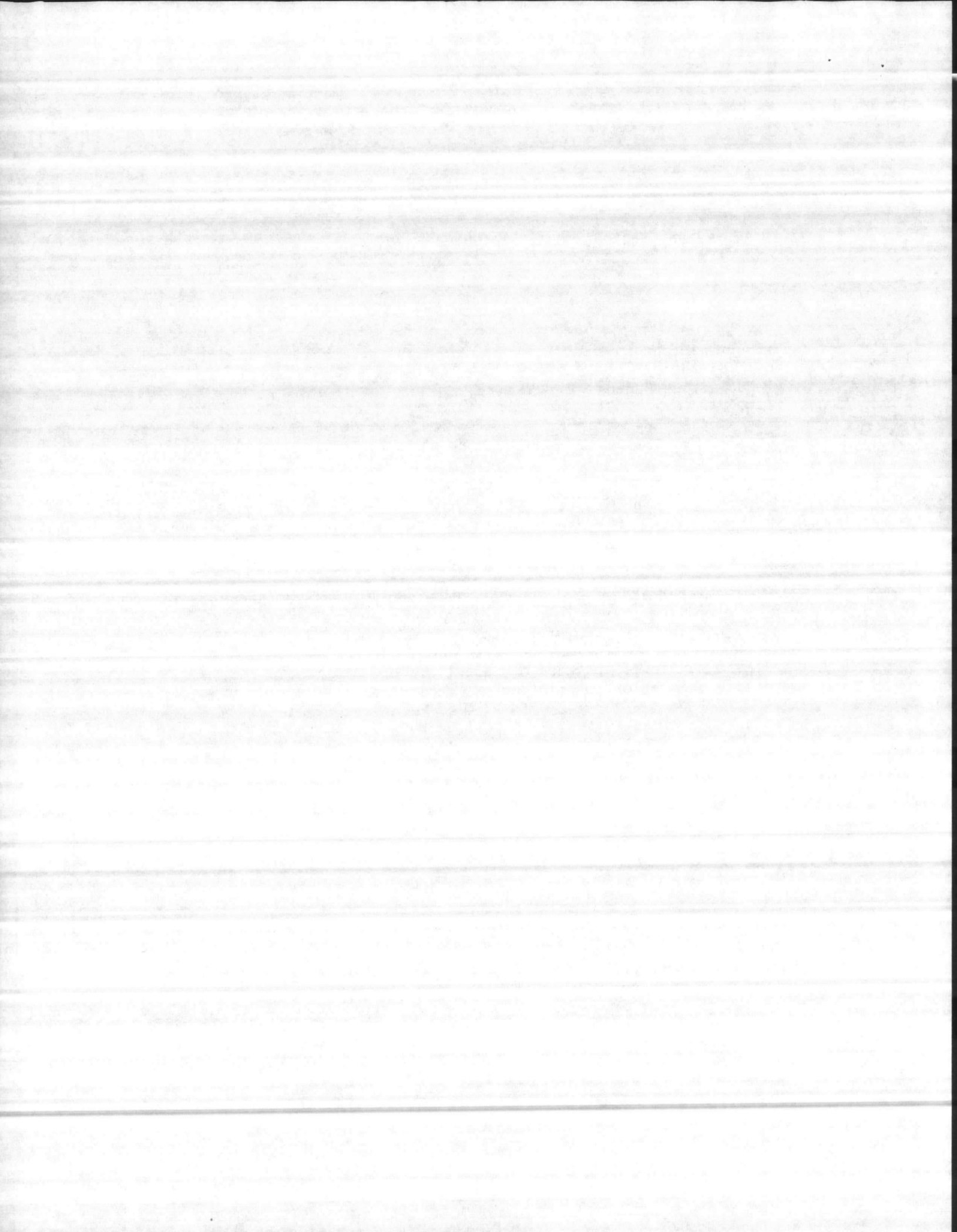
Charles W. Minch

CWM:rgw

Enclosures

cc: Mr. George Novey, Code 404  
Mr. John Grubbs, Code 052A  
Cdr. R. E. Carlson, CEC, ROICC (2)  
Mr. Charles Ratterree  
Mr. Bruce Byford  
Mr. George Scott  
Mr. James Curry

#10  
REC  
RE  
C  
RE  
P  
SI  
Z  
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F



# HOT WATER CONVERTER

## DESCRIPTION:

T15 HOT WATER CONVERTER: A hot water converter utilizes steam to heat a hot water circulating loop to a desired temperature. A modulating steam valve is controlled by a temperature controller to maintain a constant hot water supply temperature.

## POINT DEFINITIONS

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## SPECIAL POINT REQUIREMENTS

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## THIS SYSTEM FIELD POINTS REQUIRED:

### DIGITAL INPUTS:

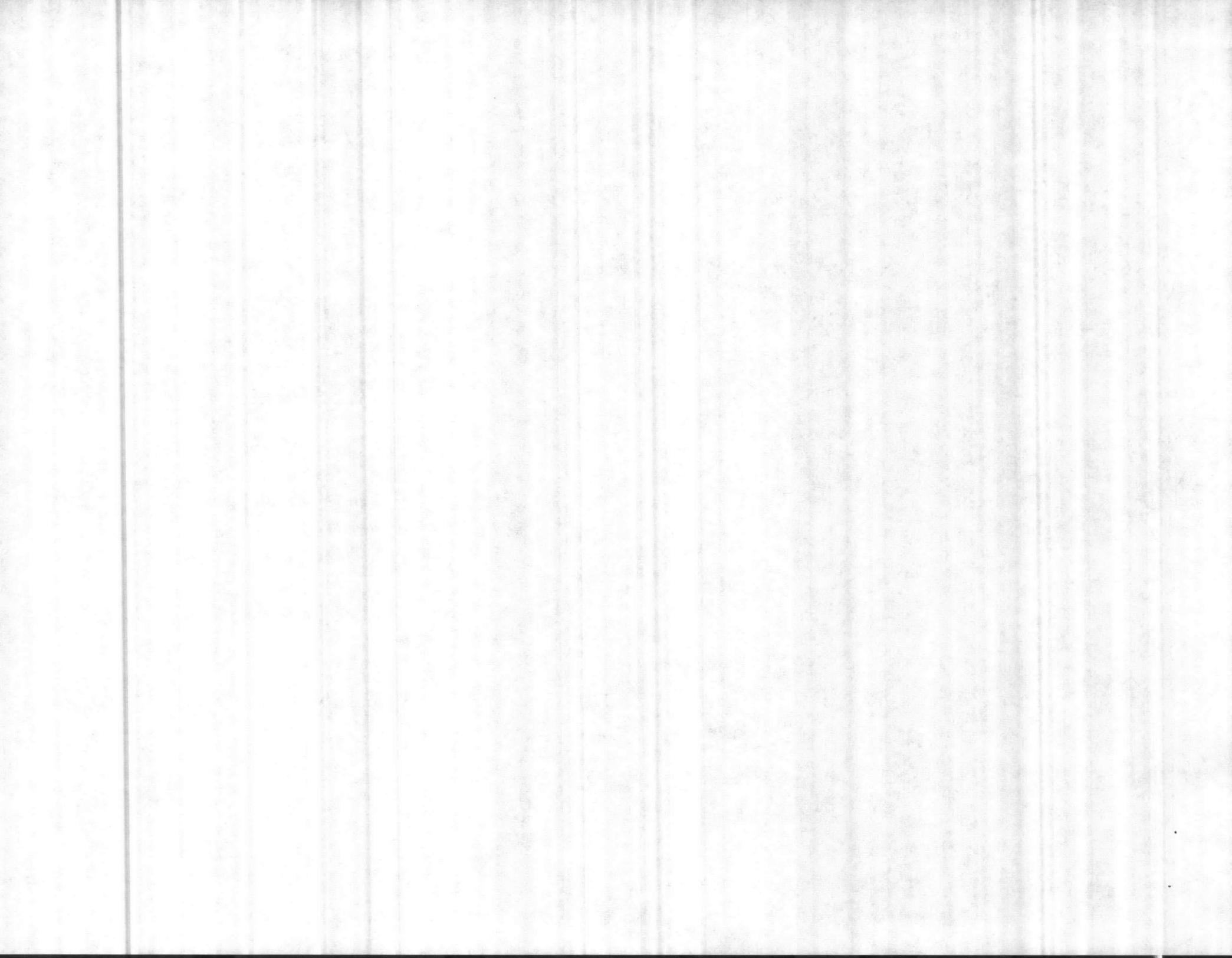
.+A0  
.+A1  
.+A2  
.+A3  
.+A4  
.+A5  
.+A6  
.+A7  
.+A8  
.+A9  
.+B0  
.+B1  
.+B2  
.+B3  
NONE

HOT WATER PUMP P114 DIFFERENTIAL PRESSURE SWITCH  
HOT WATER STANDBY PUMP P115 DIFFERENTIAL PRESSURE SWITCH  
WEST ZONE PUMP P142 DIFFERENTIAL PRESSURE SWITCH  
EAST ZONE PUMP P143 DIFFERENTIAL PRESSURE SWITCH  
WEST ZONE PUMP P144 DIFFERENTIAL PRESSURE SWITCH  
NORTH ZONE PUMP P145 DIFFERENTIAL PRESSURE SWITCH  
SOUTH ZONE PUMP P146 DIFFERENTIAL PRESSURE SWITCH  
HOT WATER PUMP P154 DIFFERENTIAL PRESSURE SWITCH  
HOT WATER STANDBY PUMP P155 DIFFERENTIAL PRESSURE SWITCH  
HOT WATER PUMP P152 DIFFERENTIAL PRESSURE SWITCH  
HOT WATER STANDBY PUMP P153 DIFFERENTIAL PRESSURE SWITCH  
NORTH ZONE PUMP P150 DIFFERENTIAL PRESSURE SWITCH  
SOUTH ZONE PUMP P151 DIFFERENTIAL PRESSURE SWITCH

### DIGITAL OUTPUTS:

.+B4  
.+B5  
.+B6  
.+B7  
.+B8  
.+B9  
.+C0  
.+C1  
.+C2

START HOT WATER PUMP P114  
START HOT WATER STANDBY PUMP P115  
START HOT WATER ZONE PUMP P142  
START HOT WATER ZONE PUMP P143  
START HOT WATER ZONE PUMP P144  
START HOT WATER ZONE PUMP P145  
START HOT WATER ZONE PUMP P146  
START HOT WATER PUMP P154



- +C3 START HOT WATER PUMP P152
- +C4 START HOT WATER STANDBY PUMP P153
- +C5 START HOT WATER ZONE PUMP P150
- +C6 START HOT WATER ZONE PUMP P151
- +C7 NONE

ANALOG INPUTS:

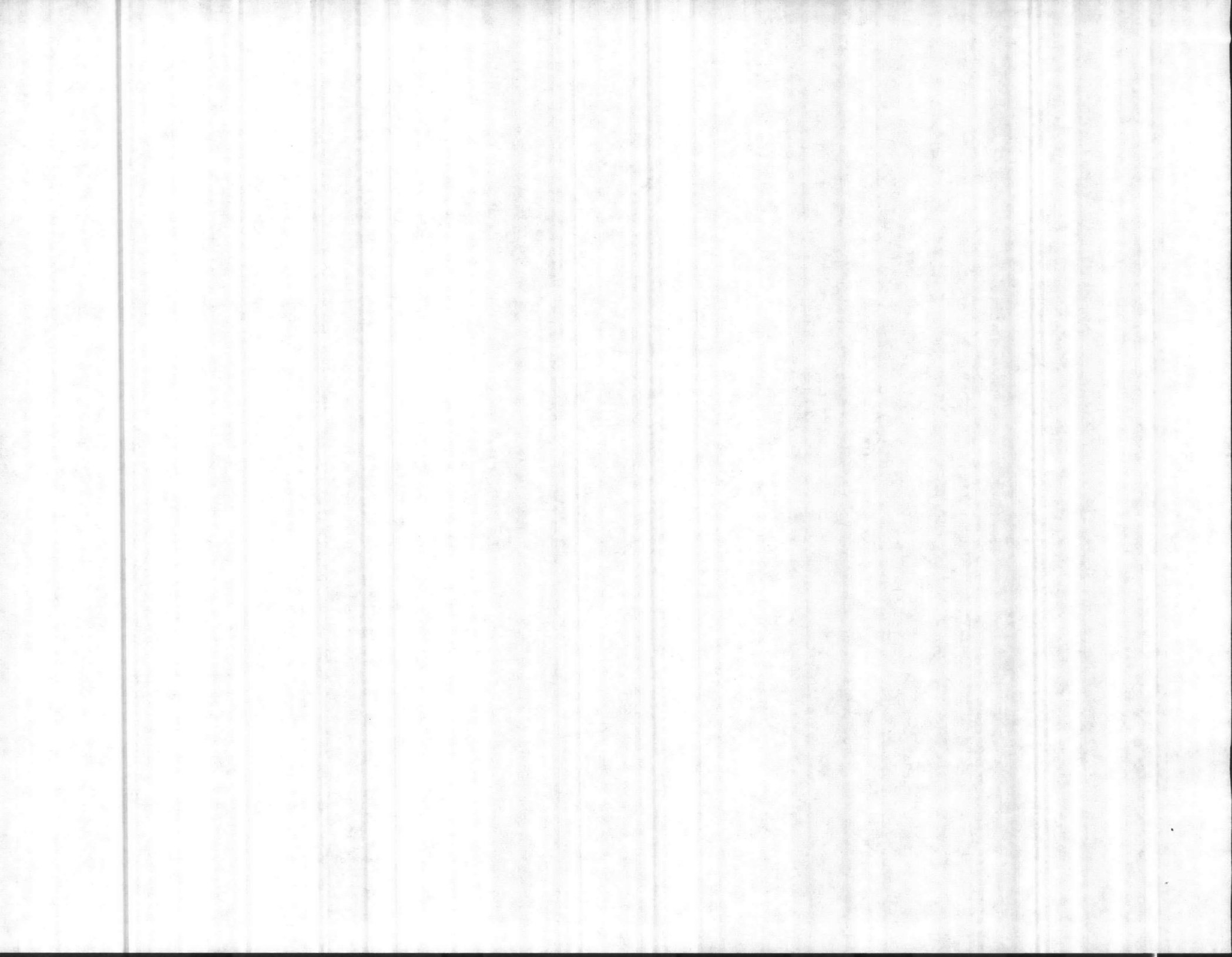
- +C8 HOT WATER HEAT EXCHANGER EX-5 SUPPLY TEMPERATURE
- +C9 WEST ZONE HOT WATER SUPPLY TEMPERATURE P142
- +D0 EAST ZONE HOT WATER SUPPLY TEMPERATURE P143
- +D1 WEST ZONE HOT WATER SUPPLY TEMPERATURE P144
- +D2 NORTH ZONE HOT WATER SUPPLY TEMPERATURE P145
- +D3 SOUTH ZONE HOT WATER SUPPLY TEMPERATURE P146
- +D4 HOT WATER HEAT EXCHANGER EX-6 SUPPLY TEMPERATURE
- +D5 HOT WATER HEAT EXCHANGER EX-7 SUPPLY TEMPERATURE
- +D6 NORTH ZONE HOT WATER SUPPLY TEMPERATURE P150
- +D7 SOUTH ZONE HOT WATER SUPPLY TEMPERATURE P151
- +D8 NONE

ANALOG OUTPUTS:

- +D9 TEMPERATURE RESET HOT WATER CONVERTER EX-5
- +E0 WEST ZONE HOT WATER TEMPERATURE RESET P142
- +E1 EAST ZONE HOT WATER TEMPERATURE RESET P143
- +E2 WEST ZONE HOT WATER TEMPERATURE RESET P144
- +E3 NORTH ZONE HOT WATER TEMPERATURE RESET P145
- +E4 SOUTH ZONE HOT WATER TEMPERATURE RESET P146
- +E5 TEMPERATURE RESET HOT WATER CONVERTER EX-6
- +E6 TEMPERATURE RESET HOT WATER CONVERTER EX-7
- +E7 NORTH ZONE HOT WATER TEMPERATURE RESET P150
- +E8 SOUTH ZONE HOT WATER TEMPERATURE RESET P151
- +E9 NONE

•+F0(\*)

ALL RESETS LISTED HERE TO BE IMPLEMENTED FROM THE CLMI TO ALLOW THE OPERATOR TO RESET TEMPERATURE MANUALLY NOT THROUGH AN AUTOMATED PROGRAM.



\*)  
OTHER SYSTEMS FIELD POINTS REQUIRED:

DIGITAL INPUTS:  
NONE

DIGITAL OUTPUTS:  
NONE

ANALOG INPUTS:  
FID OUTSIDE AIR TEMPERATURE

ANALOG OUTPUTS:  
NONE

.\*F1(\*  
CALCULATED POINTS REQUIRED:  
NONE

\*)

CONTROL FUNCTION SUMMARY:  
-----

FUNCTION NAME & NUMBER

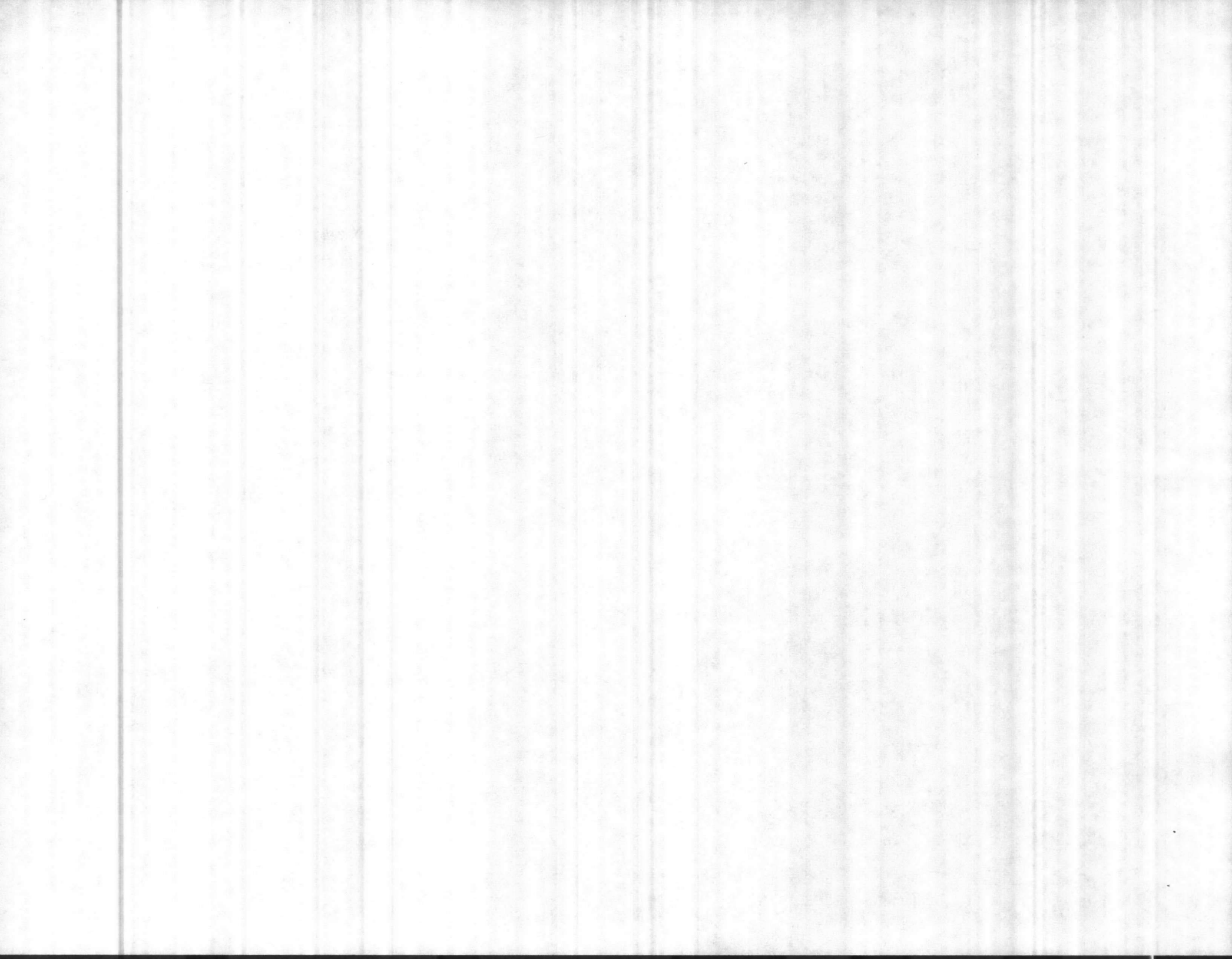
POINT NAME

APPLICABLE FUNCTION PROGRAM

.-A0(\*  
O.A. TEMPERATURE CUTOFF,11

OUTSIDE AIR TEMPERATURE(OAT) CUTOFF(7.1)

.\*A0  
HOT WATER PUMP P114 DIFFERENTIAL PRESSURE SWITCH  
.\*A1  
HOT WATER STANDBY PUMP P115 DIFFERENTIAL PRESSURE SWITCH  
.\*A2  
WEST ZONE PUMP P142 DIFFERENTIAL PRESSURE SWITCH  
.\*A3  
EAST ZONE PUMP P143 DIFFERENTIAL PRESSURE SWITCH  
.\*A4  
WEST ZONE PUMP P144 DIFFERENTIAL PRESSURE SWITCH  
.\*A5  
NORTH ZONE PUMP P145 DIFFERENTIAL PRESSURE SWITCH  
.\*A6  
SOUTH ZONE PUMP P146 DIFFERENTIAL PRESSURE SWITCH  
.\*A7  
HOT WATER PUMP P154 DIFFERENTIAL PRESSURE SWITCH  
.\*A8  
HOT WATER STANDBY PUMP P155 DIFFERENTIAL PRESSURE SWITCH  
.\*A9  
HOT WATER PUMP P152 DIFFERENTIAL PRESSURE SWITCH  
.\*B0  
HOT WATER STANDBY PUMP P153 DIFFERENTIAL PRESSURE SWITCH  
.\*B1  
NORTH ZONE PUMP P150 DIFFERENTIAL PRESSURE SWITCH  
.\*B2  
SOUTH ZONE PUMP P151 DIFFERENTIAL PRESSURE SWITCH  
.\*B4  
START HOT WATER PUMP P114  
.\*B5  
START HOT WATER STANDBY PUMP P115  
.\*B6  
START HOT WATER ZONE PUMP P142  
.\*B7  
START HOT WATER ZONE PUMP P143





- .+B9 START HOT WATER ZONE PUMP P144
- .+C0 START HOT WATER ZONE PUMP P145
- .+C1 START HOT WATER ZONE PUMP P146
- .+C2 START HOT WATER PUMP P154
- .+C3 START HOT WATER STANDBY PUMP P155
- .+C4 START HOT WATER PUMP P152
- .+C5 START HOT WATER STANDBY PUMP P153
- .+C6 START HOT WATER ZONE PUMP P150
- START HOT WATER ZONE PUMP P151
- FID OUTSIDE AIR TEMPERATURE

.\*)  
MAINTENANCE REPORTS,23

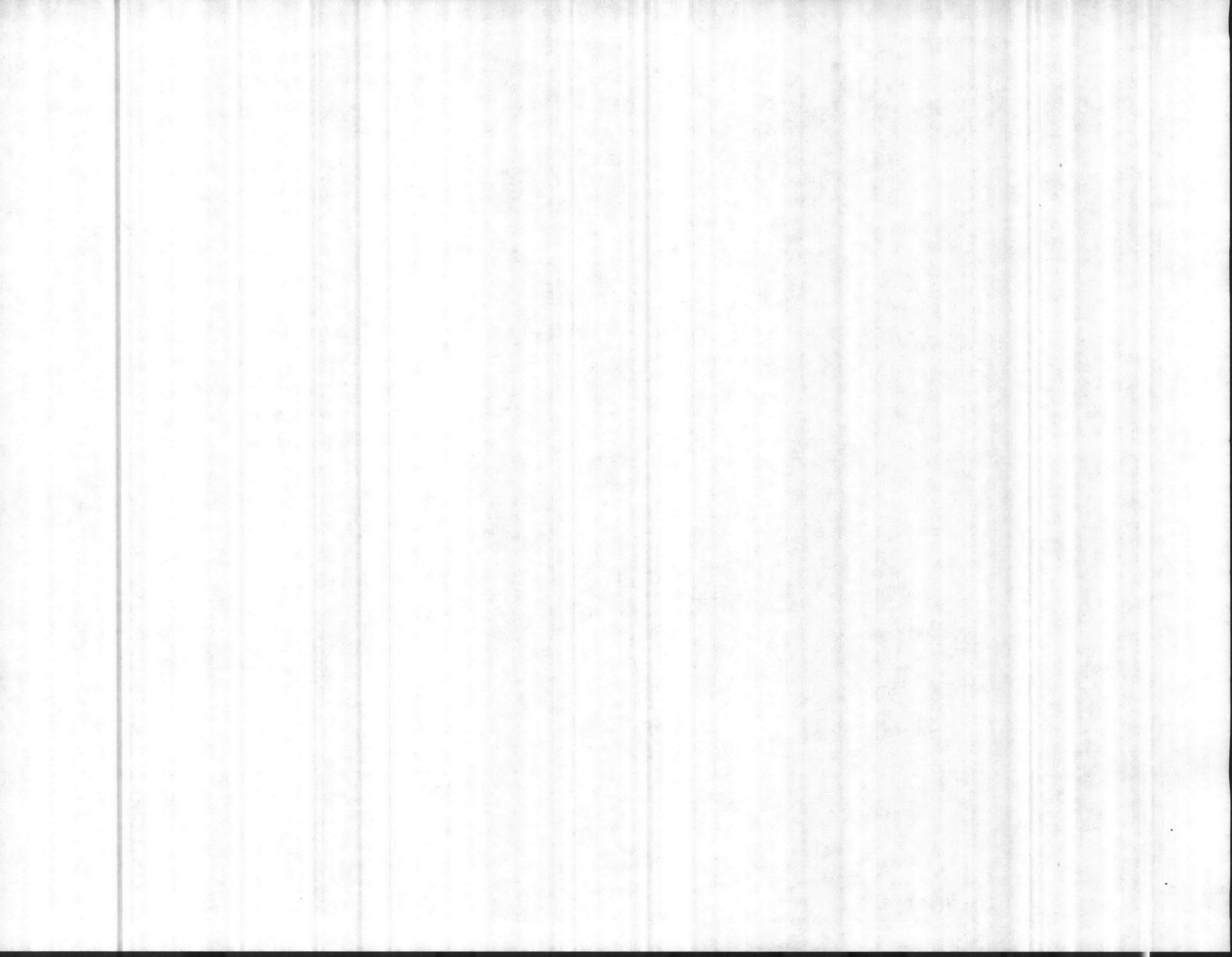
- .+A0 HOT WATER PUMP P114 DIFFERENTIAL PRESSURE SWITCH
- .+A1 HOT WATER STANDBY PUMP P115 DIFFERENTIAL PRESSURE SWITCH
- .+A2 WEST ZONE PUMP P142 DIFFERENTIAL PRESSURE SWITCH
- .+A3 EAST ZONE PUMP P143 DIFFERENTIAL PRESSURE SWITCH
- .+A4 WEST ZONE PUMP P144 DIFFERENTIAL PRESSURE SWITCH
- .+A5 NORTH ZONE PUMP P145 DIFFERENTIAL PRESSURE SWITCH
- .+A6 SOUTH ZONE PUMP P146 DIFFERENTIAL PRESSURE SWITCH
- .+A7 HOT WATER PUMP P154 DIFFERENTIAL PRESSURE SWITCH
- .+A8 HOT WATER STANDBY PUMP P155 DIFFERENTIAL PRESSURE SWITCH
- .+A9 HOT WATER PUMP P152 DIFFERENTIAL PRESSURE SWITCH
- .+B0 HOT WATER STANDBY PUMP P153 DIFFERENTIAL PRESSURE SWITCH
- .+B1 NORTH ZONE PUMP P150 DIFFERENTIAL PRESSURE SWITCH
- .+B2 SOUTH ZONE PUMP P151 DIFFERENTIAL PRESSURE SWITCH

RUN TIME TOTALIZATION(5.16)  
MAINTENANCE REPORTS(4.4.3)

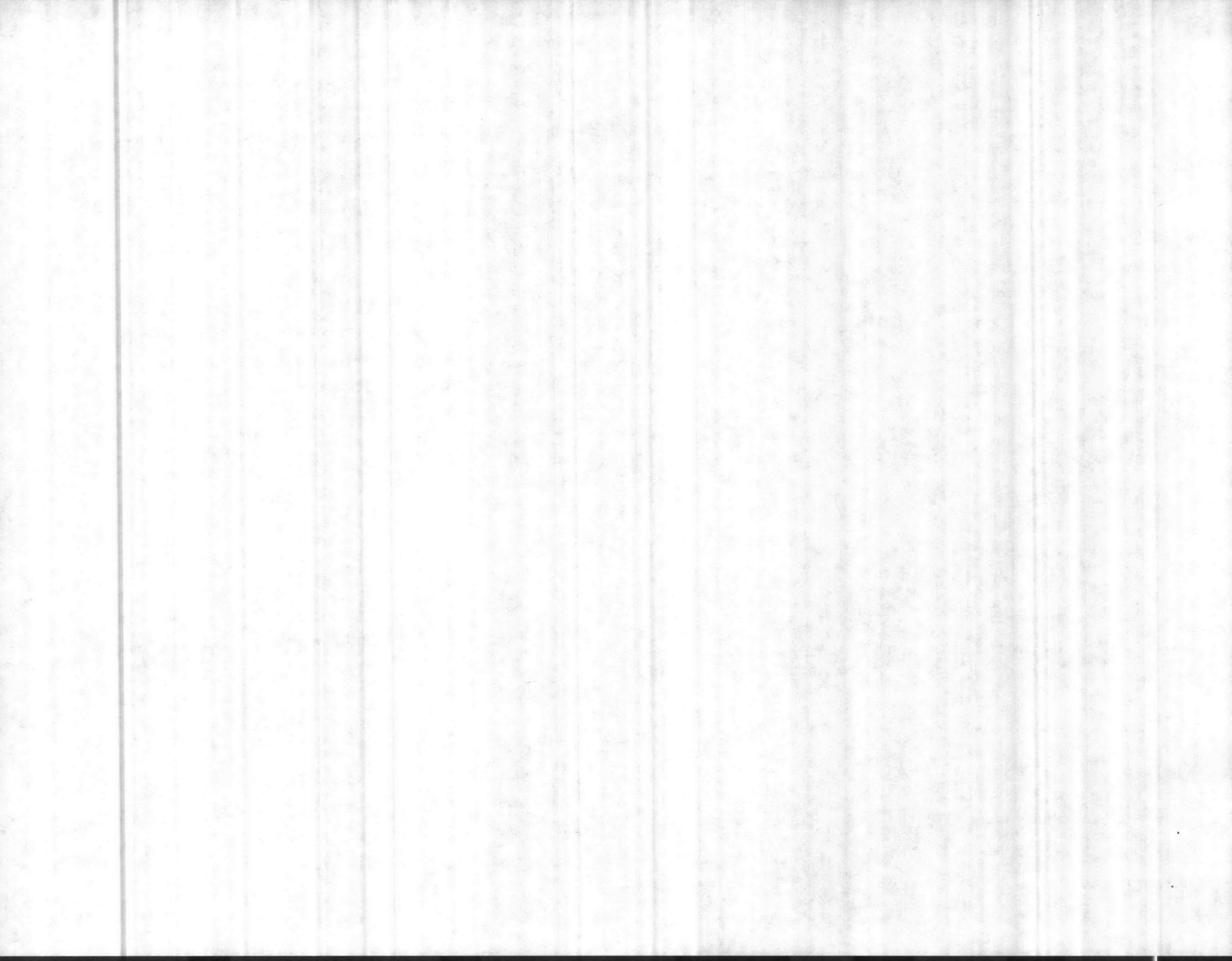
TROUBLE DIAGNOSIS,24

- .+A0 HOT WATER PUMP P114 DIFFERENTIAL PRESSURE SWITCH
- .+A1 HOT WATER STANDBY PUMP P115 DIFFERENTIAL PRESSURE SWITCH
- .+A2 WEST ZONE PUMP P142 DIFFERENTIAL PRESSURE SWITCH
- .+A3 EAST ZONE PUMP P143 DIFFERENTIAL PRESSURE SWITCH
- .+A4 WEST ZONE PUMP P144 DIFFERENTIAL PRESSURE SWITCH
- .+A5 NORTH ZONE PUMP P145 DIFFERENTIAL PRESSURE SWITCH
- .+A6 SOUTH ZONE PUMP P146 DIFFERENTIAL PRESSURE SWITCH

CORRELATED ALARM REPORTS(4.4.4)



.+A8 HOT WATER STANDBY PUMP P155 DIFFERENTIAL PRESSURE SWITCH  
.+A9 HOT WATER PUMP P152 DIFFERENTIAL PRESSURE SWITCH  
.+B0 HOT WATER STANDBY PUMP P153 DIFFERENTIAL PRESSURE SWITCH  
.+B1 NORTH ZONE PUMP P150 DIFFERENTIAL PRESSURE SWITCH  
.+B2 SOUTH ZONE PUMP P151 DIFFERENTIAL PRESSURE SWITCH  
.+B4 START HOT WATER PUMP P114  
.+B5 START HOT WATER STANDBY PUMP P115  
.+B6 START HOT WATER ZONE PUMP P142  
.+B7 START HOT WATER ZONE PUMP P143  
.+B8 START HOT WATER ZONE PUMP P144  
.+B9 START HOT WATER ZONE PUMP P145  
.+C0 START HOT WATER ZONE PUMP P146  
.+C1 START HOT WATER PUMP P154  
.+C2 START HOT WATER STANDBY PUMP P155  
.+C3 START HOT WATER PUMP P152  
.+C4 START HOT WATER STANDBY PUMP P153  
.+C5 START HOT WATER ZONE PUMP P150  
.+C6 START HOT WATER ZONE PUMP P151  
.+C8 HOT WATER HEAT EXCHANGER EX-5 SUPPLY TEMPERATURE  
.+C9 WEST ZONE HOT WATER SUPPLY TEMPERATURE P142  
.+D0 EAST ZONE HOT WATER SUPPLY TEMPERATURE P143  
.+D1 WEST ZONE HOT WATER SUPPLY TEMPERATURE P144  
.+D2 NORTH ZONE HOT WATER SUPPLY TEMPERATURE P145  
.+D3 SOUTH ZONE HOT WATER SUPPLY TEMPERATURE P146  
.+D4 HOT WATER HEAT EXCHANGER EX-6 SUPPLY TEMPERATURE  
.+D5 HOT WATER HEAT EXCHANGER EX-7 SUPPLY TEMPERATURE  
.+D6 NORTH ZONE HOT WATER SUPPLY TEMPERATURE P150  
.+D7 SOUTH ZONE HOT WATER SUPPLY TEMPERATURE P151  
.+D9 TEMPERATURE RESET HOT WATER CONVERTER EX-5  
.+E0 WEST ZONE HOT WATER TEMPERATURE RESET P142  
.+E1 EAST ZONE HOT WATER TEMPERATURE RESET P143  
.+E2 WEST ZONE HOT WATER TEMPERATURE RESET P144  
.+F3

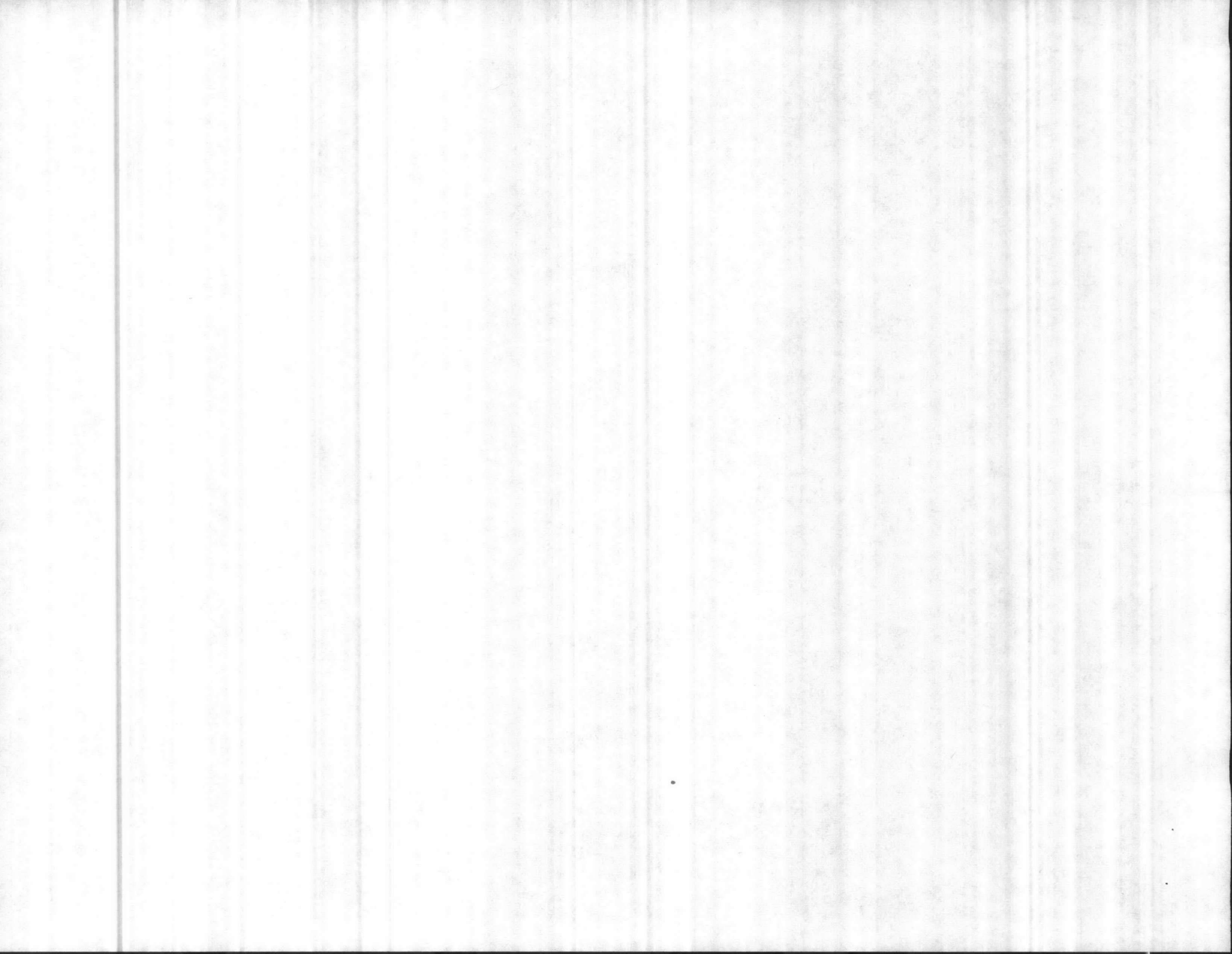


- +E4 SOUTH ZONE HOT WATER TEMPERATURE RESET P146
- +E5 TEMPERATURE RESET HOT WATER CONVERTER EX-6
- +E6 TEMPERATURE RESET HOT WATER CONVERTER EX-7
- +E7 NORTH ZONE HOT WATER TEMPERATURE RESET P150
- +E8 SOUTH ZONE HOT WATER TEMPERATURE RESET P151

GRAPHICS:

- +F2 VENDORS TYPICAL GRAPHIC SATISFACTORY
- A2 VENDORS SPECIAL GRAPHIC REQUIRED

GRAPHICS SOFTWARE(4.6)



System Status Reports Package  
Section 8

Lockwood Greene Engineers, Inc.  
Hospital Replacement, Naval Regional Medical Center, Energy Monitoring and Control System  
Marine Corps Base, Camp Lejeune, North Carolina  
Construction Contract N62470-75-C-7256  
Date: 30-Jul-80





System Number: HWC 1

System Type: Hot Water Converter

Fid Number: BE

Record 815

Specification Reference: 15911

Drawing Reference: M7-58, M7-49, M7-36, 939-79611-53XI, M0-9, 939-79611-54XI

Construction Specification I/O Schedule Page Line Number: 32-10

Responsibility: Furnishing: N/A

Installing: N/A

Exceptions:

Specials: A0 A1 A2 A3 A4 A5 A6 B4 B5 B6 B7 B8 B9 C0 C8 C9 D0 D1 D2 D3 D9 E0 E1 E2 E3 E4 Wiring: N/A

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

Sensor Number: DPSH-1 Point Designation: BE HWC 1DPSH-1

Sensor Type: Digital Input

Record: 837

Specification Reference: 15911

Drawing Reference:

Construction Specification I/O Schedule Page Line Number: 32-10

ROICC's I/O Schedule Locator: 8-76

Point used by EMCS [Y/N]: Y

Responsibility: Furnishing: HONEYWELL, INC.

Installing: HONEYWELL, INC.

Wiring: HONEYWELL, INC.

Exceptions:

Specials:

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

FID Cabinet Number:

FID Term Board Pairs:

Device Characteristics:

Interface Equipment Required:

Service: HW PUMP P114 DIFF PR SW

Sensor Number: DPSH-2 Point Designation: BE HWC 1DPSH-2

Sensor Type: Digital Input

Record: 838

Specification Reference: 15911

Drawing Reference:

Construction Specification I/O Schedule Page Line Number: 32-10

ROICC's I/O Schedule Locator: 8-76

Point used by EMCS [Y/N]: Y

Responsibility: Furnishing: HONEYWELL, INC.

Installing: HONEYWELL, INC.

Wiring: HONEYWELL, INC.

Exceptions:

Specials:

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

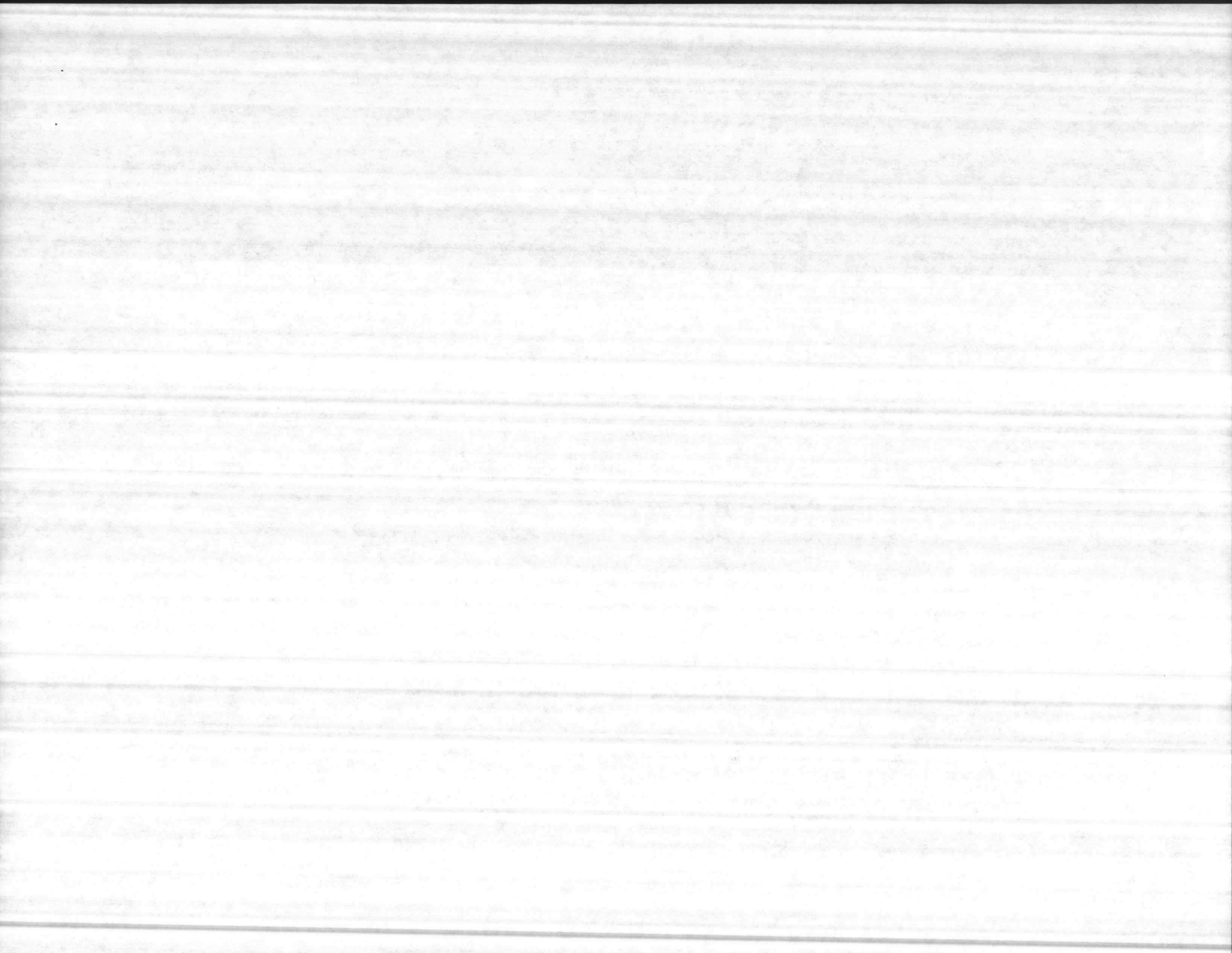
FID Cabinet Number:

FID Term Board Pairs:

Device Characteristics:

Interface Equipment Required:

Service: HW STD-BY PUMP P115 DIFF PR SW



Sensor Number: DPSH-3 Point Designation: BE HWC 1DPSH-3 Sensor Type: Digital Input Records: 774

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-38  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pair:

Device Characteristics:  
Interface Equipment Required:  
Service: W ZONE PUMP P142 DIFF PR SW

Sensor Number: DPSH-4 Point Designation: BE HWC 1DPSH-4 Sensor Type: Digital Input Records: 752

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-47  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pair:

Device Characteristics:  
Interface Equipment Required:  
Service: E ZONE PUMP P143 DIFF PR SW

Sensor Number: DPSH-5 Point Designation: BE HWC 1DPSH-5 Sensor Type: Digital Input Records: 753

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-47  
Point used by EMCS [Y/N]: Y

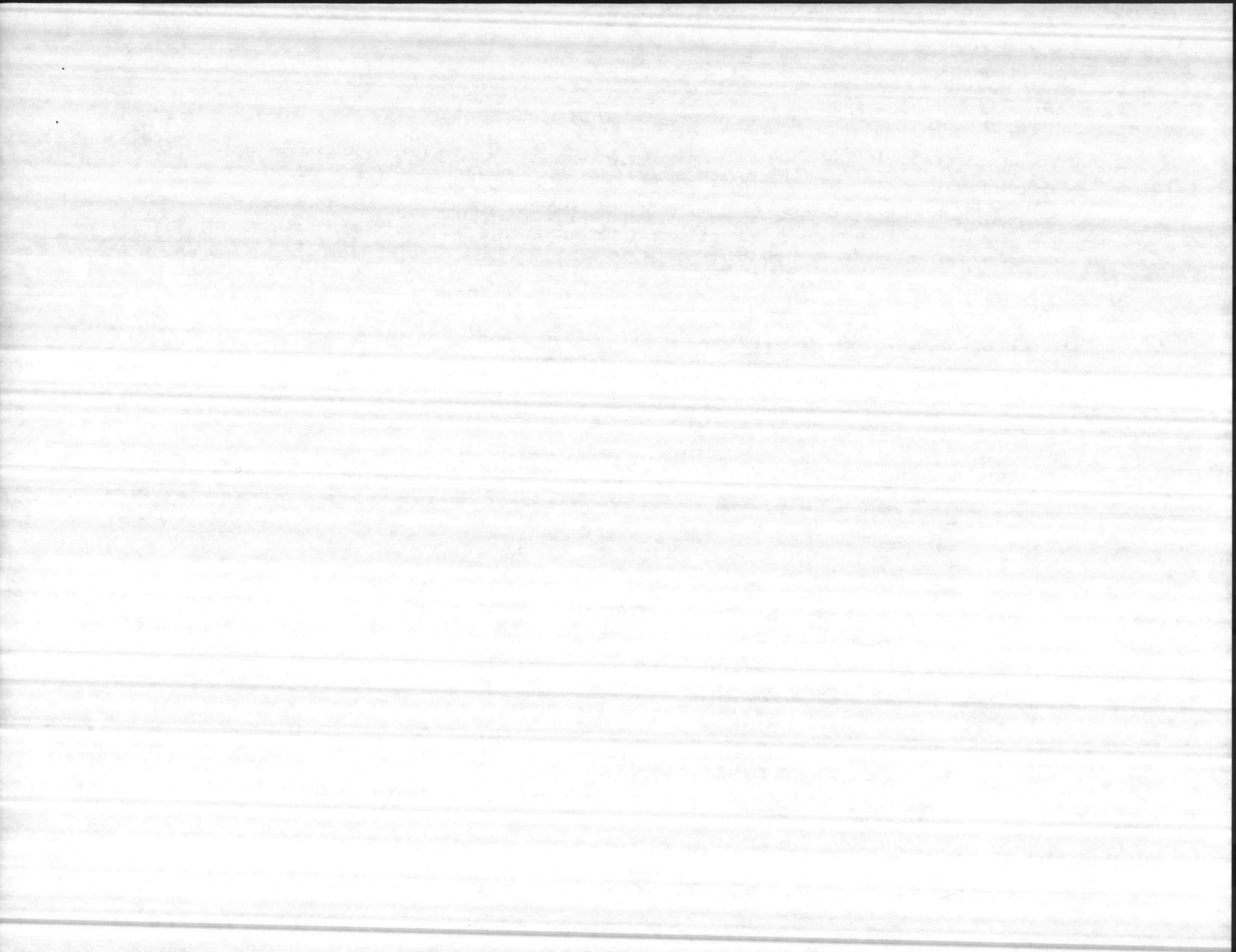
Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pair:

Device Characteristics:  
Interface Equipment Required:  
Service: W ZONE PUMP P144 DIFF PR SW



Sensor Number: DPSH=6 Point Designation: BE HWC 1DPSH=6 Sensor Type: Digital Input Record: 729  
Specification Reference: 15911

Drawing Reference:  
Construction Specification I/O Schedule Page Line Numbers: 32-13  
ROICC's I/O Schedule Locator: 8-52  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667

Status: DEVIATES  
Device Characteristics:  
Interface Equipment Required:

FID Cabinet Numbers:  
FID Term Board Pairs:

Service: N ZONE PUMP P145 DIFF PR SW

-----  
Sensor Number: DPSH=7 Point Designation: BE HWC 1DPSH=7 Sensor Type: Digital Input Record: 730  
Specification Reference: 15911

Drawing Reference:  
Construction Specification I/O Schedule Page Line Numbers: 32-13  
ROICC's I/O Schedule Locator: 8-77  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667

Status: DEVIATES  
Device Characteristics:  
Interface Equipment Required:

FID Cabinet Numbers:  
FID Term Board Pairs:

Service: S ZONE PUMP P146 DIFF PR SW

-----  
Sensor Number: SW1 Point Designation: BE HWC 1SW1 Sensor Type: Digital Output Record: 708  
Specification Reference: 15911

Drawing Reference:  
Construction Specification I/O Schedule Page Line Numbers: 32-10  
ROICC's I/O Schedule Locator: 8-76  
Point used by EMCS [Y/N]: Y

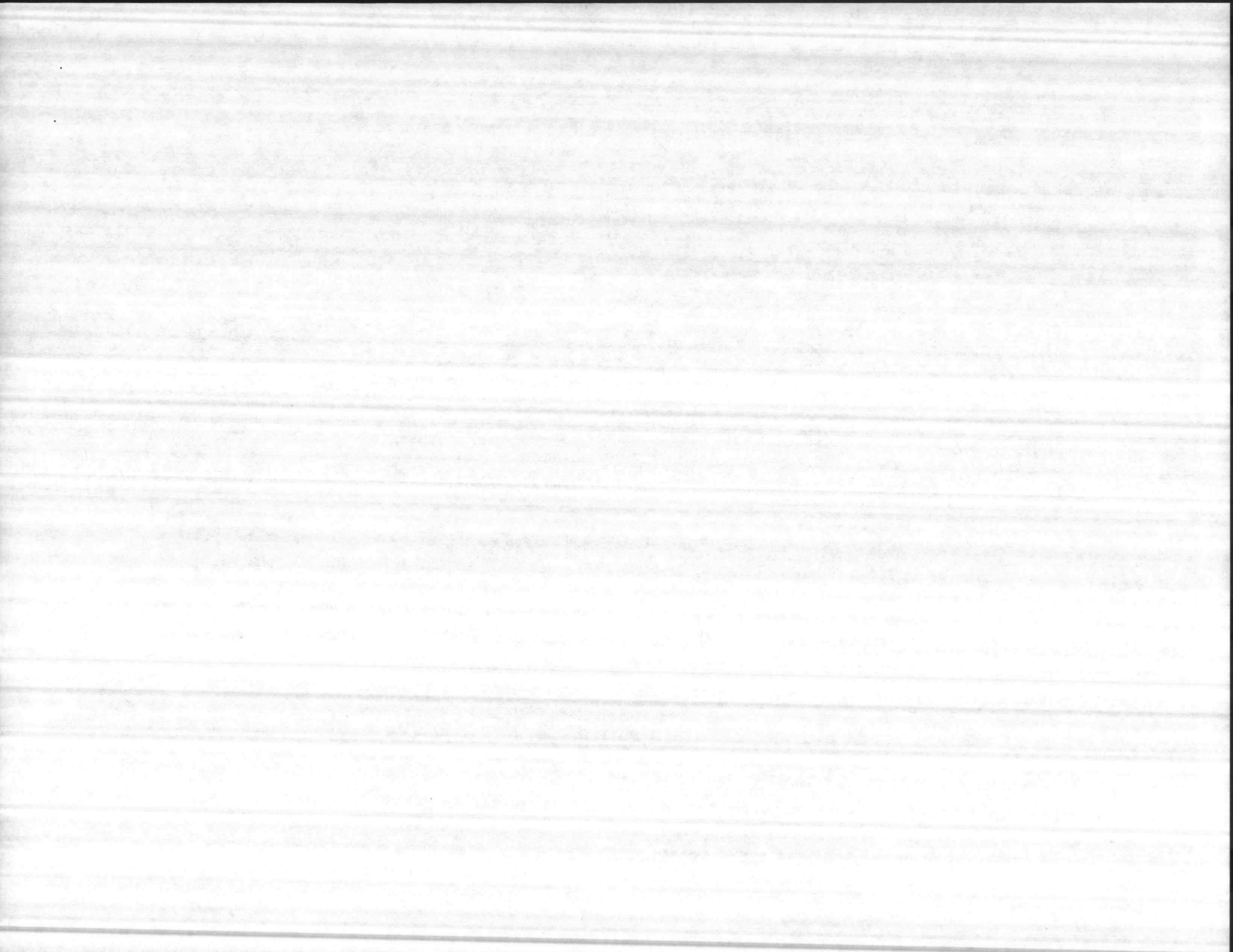
Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667

Status: DEVIATES  
Device Characteristics:  
Interface Equipment Required:  
Service: START HW PUMP P114

FID Cabinet Numbers:  
FID Term Board Pairs:



Sensor Number: SW2      Point Designation: BE HWC 1SW2      Sensor Type: Digital Output      Records: 687

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-10  
RUICC's I/O Schedule Locator: 8-76  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:      Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Numbers:  
FID Term Board Pairs:

Device Characteristics:  
Interface Equipment Required:  
Service: START HW STD-BY PUMP P115

-----  
Sensor Number: SW3      Point Designation: BE HWC 1SW3      Sensor Type: Digital Output      Records: 688

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
RUICC's I/O Schedule Locator: 8-38  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:      Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Numbers:  
FID Term Board Pairs:

Device Characteristics:  
Interface Equipment Required:  
Service: START HW ZONE PUMP P142

-----  
Sensor Number: SW4      Point Designation: BE HWC 1SW4      Sensor Type: Digital Output      Records: 969

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
RUICC's I/O Schedule Locator: 8-47  
Point used by EMCS [Y/N]: Y

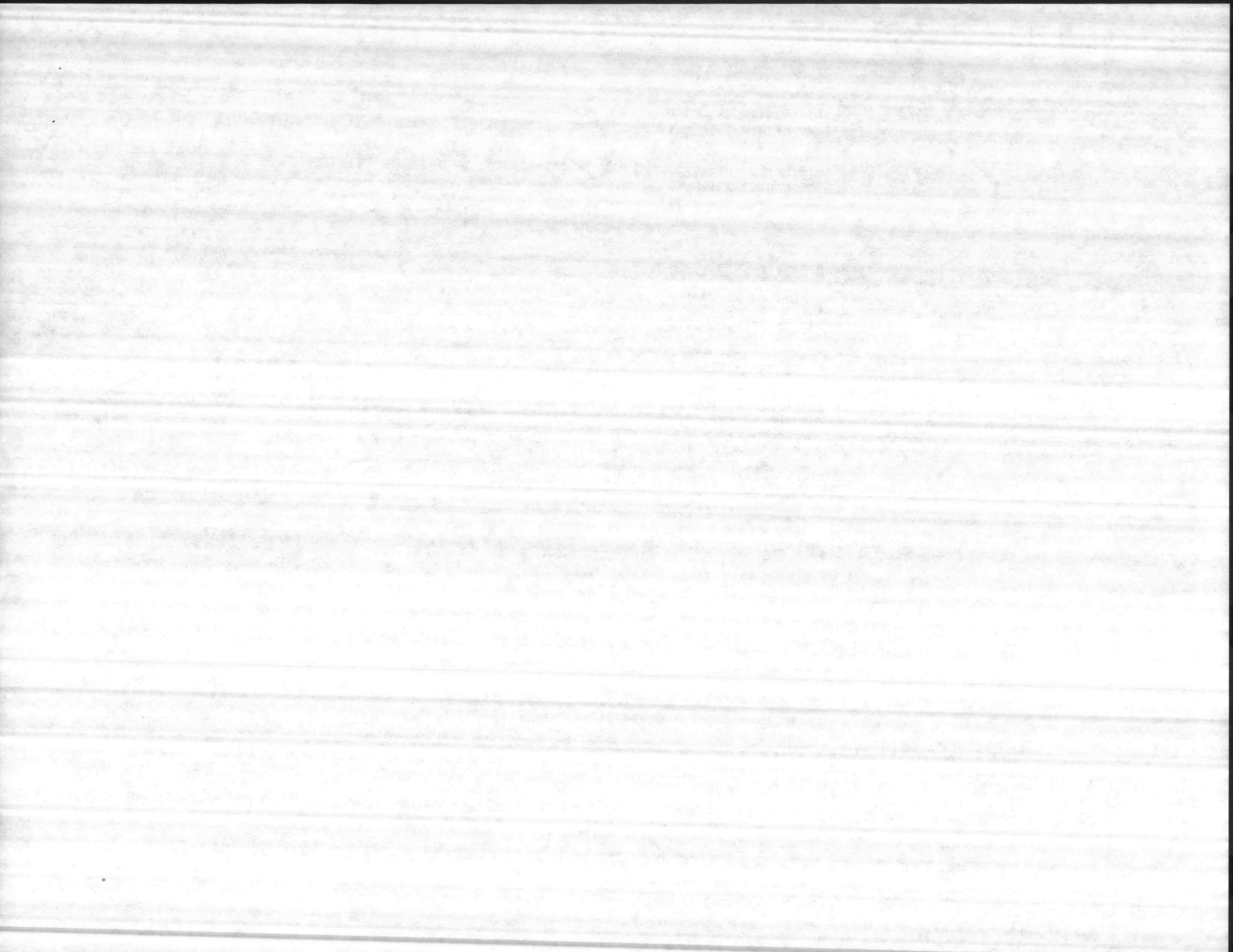
Exceptions:  
Specials:

Responsibility:      Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Numbers:  
FID Term Board Pairs:

Device Characteristics:  
Interface Equipment Required:  
Service: START HW ZONE PUMP P143





Sensor Number: SW5      Point Designation: BE HWC 1SW5      Sensor Type: Digital Output      Record: 1039  
 Specification Reference: 15911  
 Drawing Reference:  
 Construction Specification I/O Schedule Page Line Number: 32-13  
 ROICC's I/O Schedule Locator: 8-47  
 Point used by EMCS [Y/N]: Y  
 Responsibility:      Furnishing: HONEYWELL, INC.  
                          Installing: HONEYWELL, INC.  
                          Wiring: HONEYWELL, INC.

Exceptions:  
 Specials:

Shop Drawing Submittal Data:  
 Lockwood Greene #: 767  
 External #: 667  
 Status: DEVIATES  
 Device Characteristics:  
 Interface Equipment Required:  
 Service: START HW ZONE PUMP P144

FID Cabinet Number:  
 FID Term Board Pairs:

Sensor Number: SW6      Point Designation: BE HWC 1SW6      Sensor Type: Digital Output      Record: 1040  
 Specification Reference: 15911  
 Drawing Reference:  
 Construction Specification I/O Schedule Page Line Number: 32-13  
 ROICC's I/O Schedule Locator: 8-52  
 Point used by EMCS [Y/N]: Y  
 Responsibility:      Furnishing: HONEYWELL, INC.  
                          Installing: HONEYWELL, INC.  
                          Wiring: HONEYWELL, INC.

Exceptions:  
 Specials:

Shop Drawing Submittal Data:  
 Lockwood Greene #: 767  
 External #: 667  
 Status: DEVIATES  
 Device Characteristics:  
 Interface Equipment Required:  
 Service: START HW ZONE PUMP P145

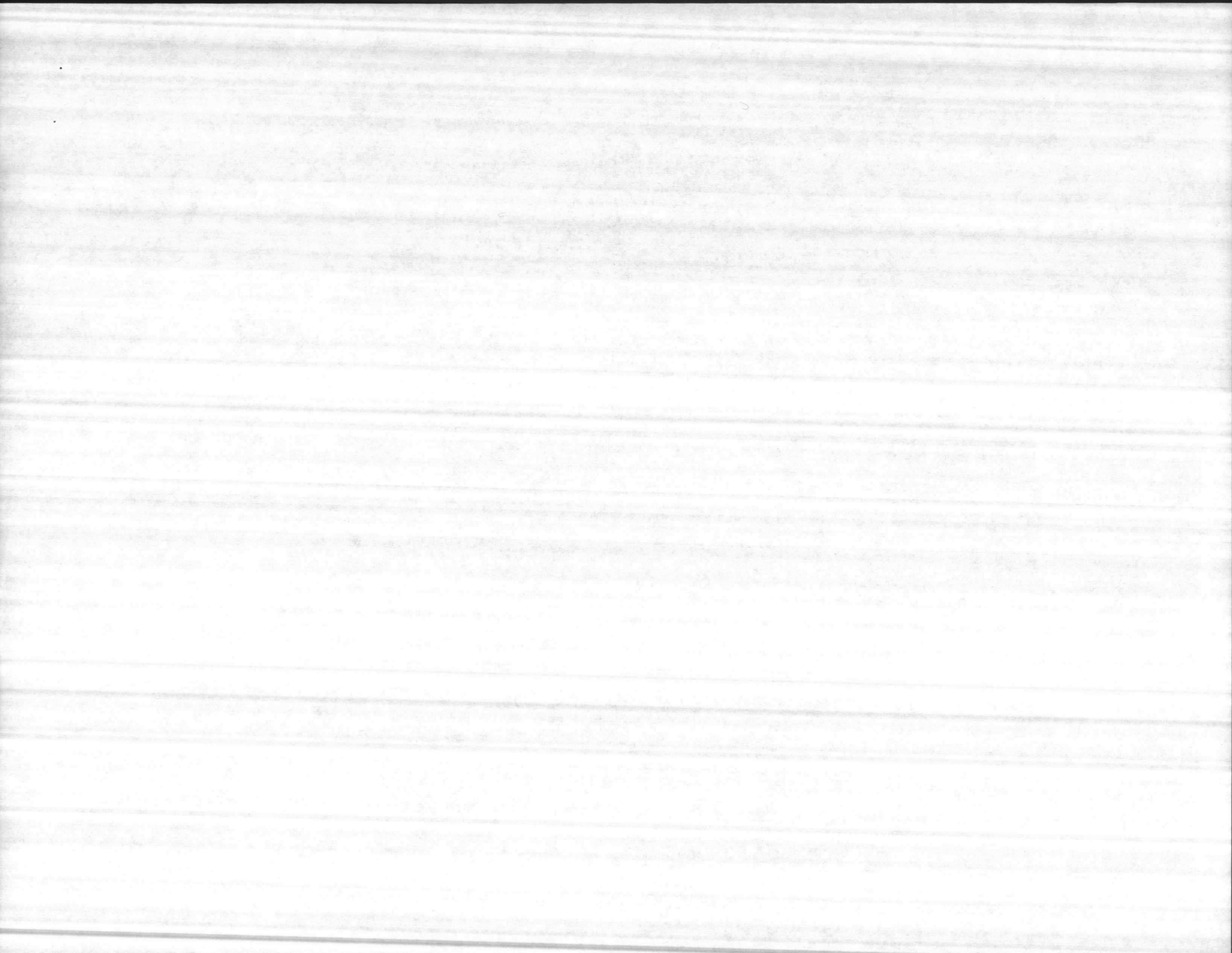
FID Cabinet Number:  
 FID Term Board Pairs:

Sensor Number: SW7      Point Designation: BE HWC 1SW7      Sensor Type: Digital Output      Record: 1016  
 Specification Reference: 15911  
 Drawing Reference:  
 Construction Specification I/O Schedule Page Line Number: 32-13  
 ROICC's I/O Schedule Locator: 8-77  
 Point used by EMCS [Y/N]: Y  
 Responsibility:      Furnishing: HONEYWELL, INC.  
                          Installing: HONEYWELL, INC.  
                          Wiring: HONEYWELL, INC.

Exceptions:  
 Specials:

Shop Drawing Submittal Data:  
 Lockwood Greene #: 767  
 External #: 667  
 Status: DEVIATES  
 Device Characteristics:  
 Interface Equipment Required:  
 Service: START HW ZONE PUMP P146

FID Cabinet Number:  
 FID Term Board Pairs:



Sensor Number: T-1      Point Designation: BE HWC 1T-1      Sensor Type: Analog Input      Record: 928

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-10  
ROICC's I/O Schedule Locator: 8-76  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:    Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pairs:

Device Characteristics:  
Interface Equipment Required:  
Service: EX-5 HW SUPPLY TEMP

-----  
Sensor Number: T-2      Point Designation: BE HWC 1T-2      Sensor Type: Analog Input      Record: 905

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-38  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:    Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pairs:

Device Characteristics:  
Interface Equipment Required:  
Service: W ZONE HW SUPPLY TEMP(P142)

-----  
Sensor Number: T-3      Point Designation: BE HWC 1T-3      Sensor Type: Analog Input      Record: 906

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-47  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

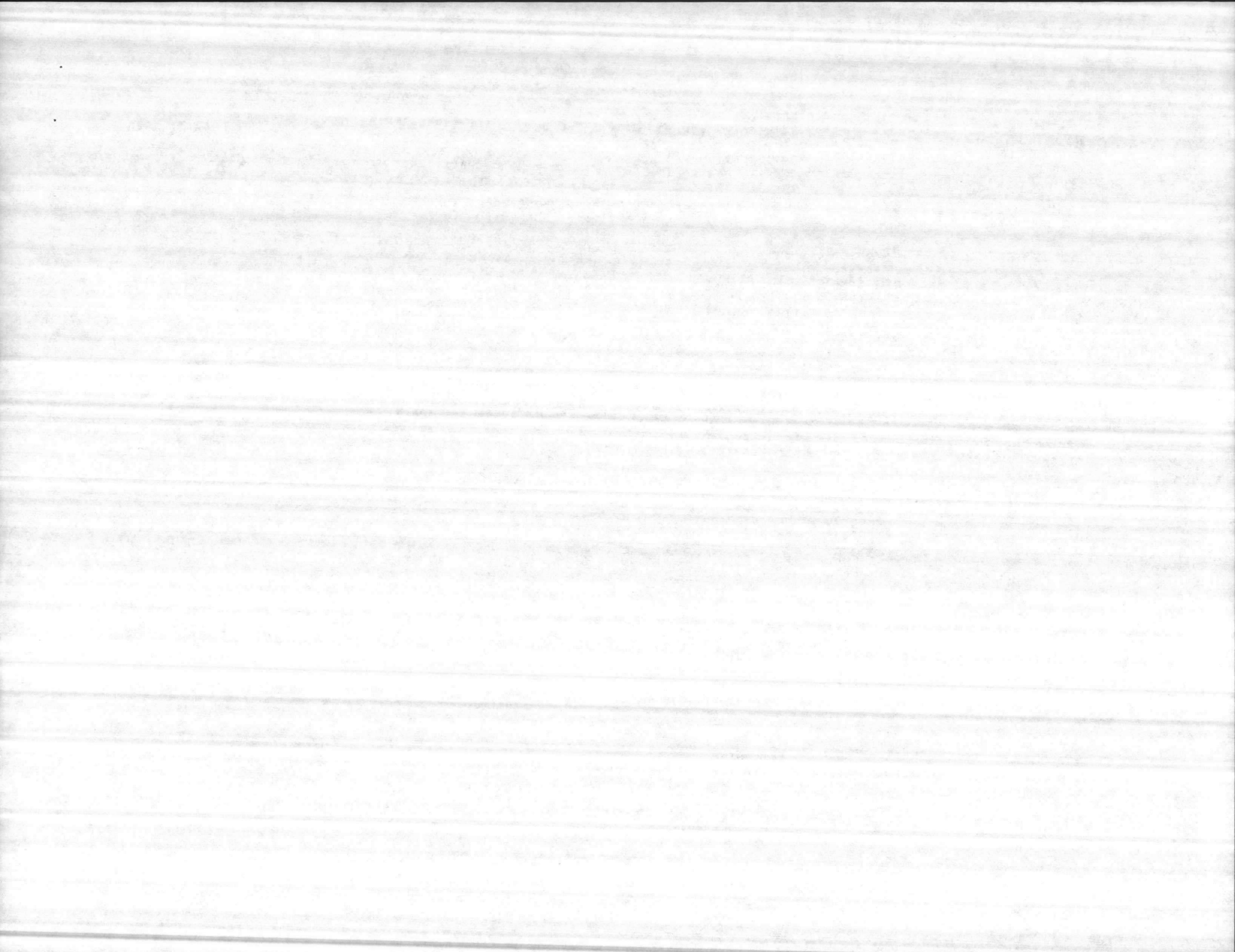
Responsibility:    Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pairs:

Device Characteristics:  
Interface Equipment Required:  
Service: F ZONE HW SUPPLY TEMP(P143)



Sensor Number: T-4      Point Designation: RE HWC 1T-4      Sensor Type: Analog Input      Record: 883

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-47  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:    Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pairs:

Device Characteristics:  
Interface Equipment Required:  
Service: W ZONE HW SUPPLY TEMP(P144)

-----  
Sensor Number: T-5      Point Designation: RE HWC 1T-5      Sensor Type: Analog Input      Record: 884

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-52  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:    Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pairs:

Device Characteristics:  
Interface Equipment Required:  
Service: N ZONE HW SUPPLY TEMP(P145)

-----  
Sensor Number: T-6      Point Designation: RE HWC 1T-6      Sensor Type: Analog Input      Record: 860

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-77  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

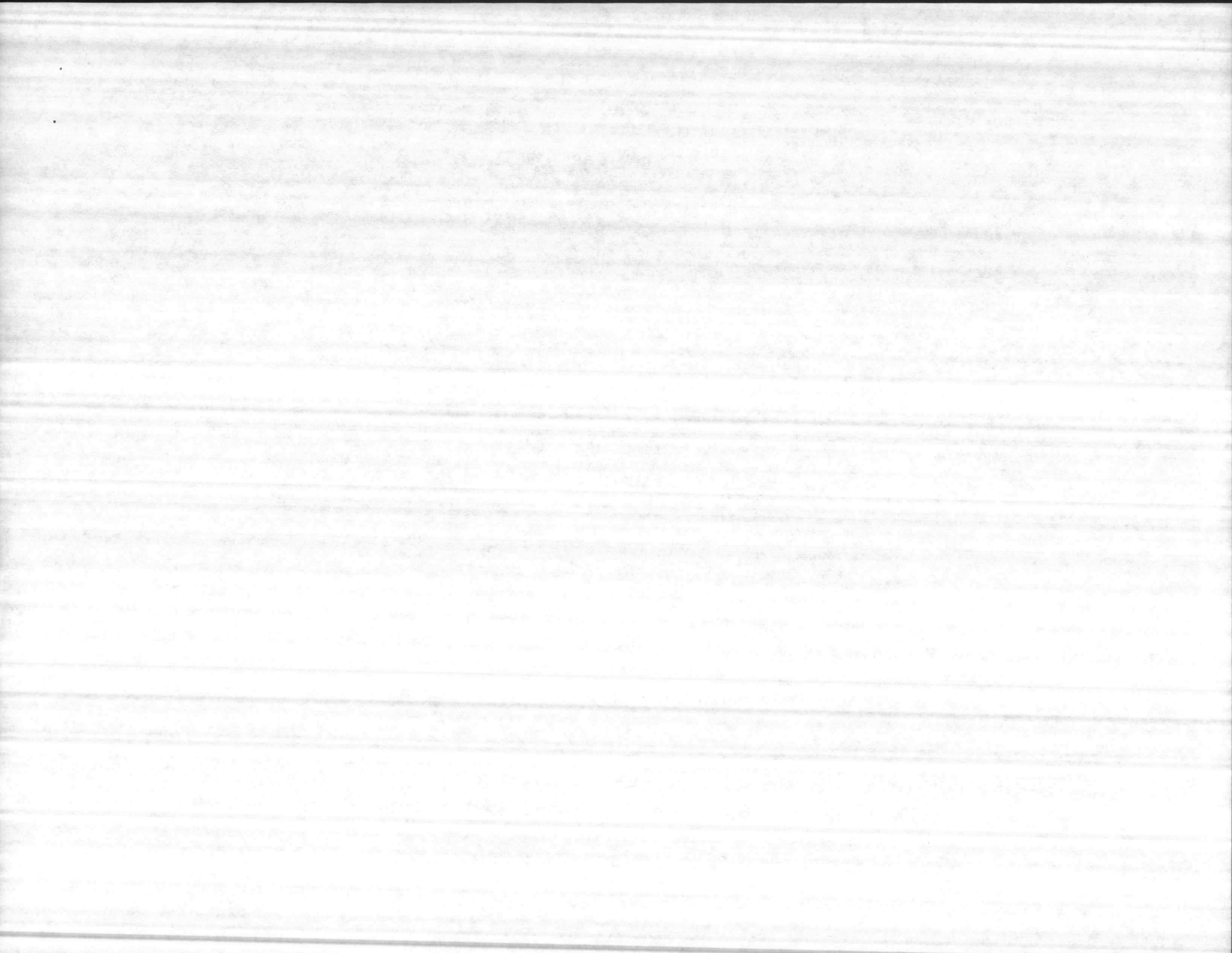
Responsibility:    Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pairs:

Device Characteristics:  
Interface Equipment Required:  
Service: S ZONE HW SUPPLY TEMP(P146)



Sensor Number: TR-HW1 Point Designation: BE HWC 1TR-HW1 Sensor Type: Analog Output Record: 1017

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-10  
ROICC's I/O Schedule Locator: NONE  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

Device Characteristics:

Interface Equipment Required:

Service: TEMP RESET HW CONV. EX-5

FID Cabinet Number:

FID Term Board Pair:

-----  
Sensor Number: TR-HW2 Point Designation: BE HWC 1TR-HW2 Sensor Type: Analog Output Record: 990

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-38  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

Device Characteristics:

Interface Equipment Required:

Service: W ZONE HW TEMP RESET(P142)

FID Cabinet Number:

FID Term Board Pair:

-----  
Sensor Number: TR-HW3 Point Designation: BE HWC 1TR-HW3 Sensor Type: Analog Output Record: 991

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-47  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

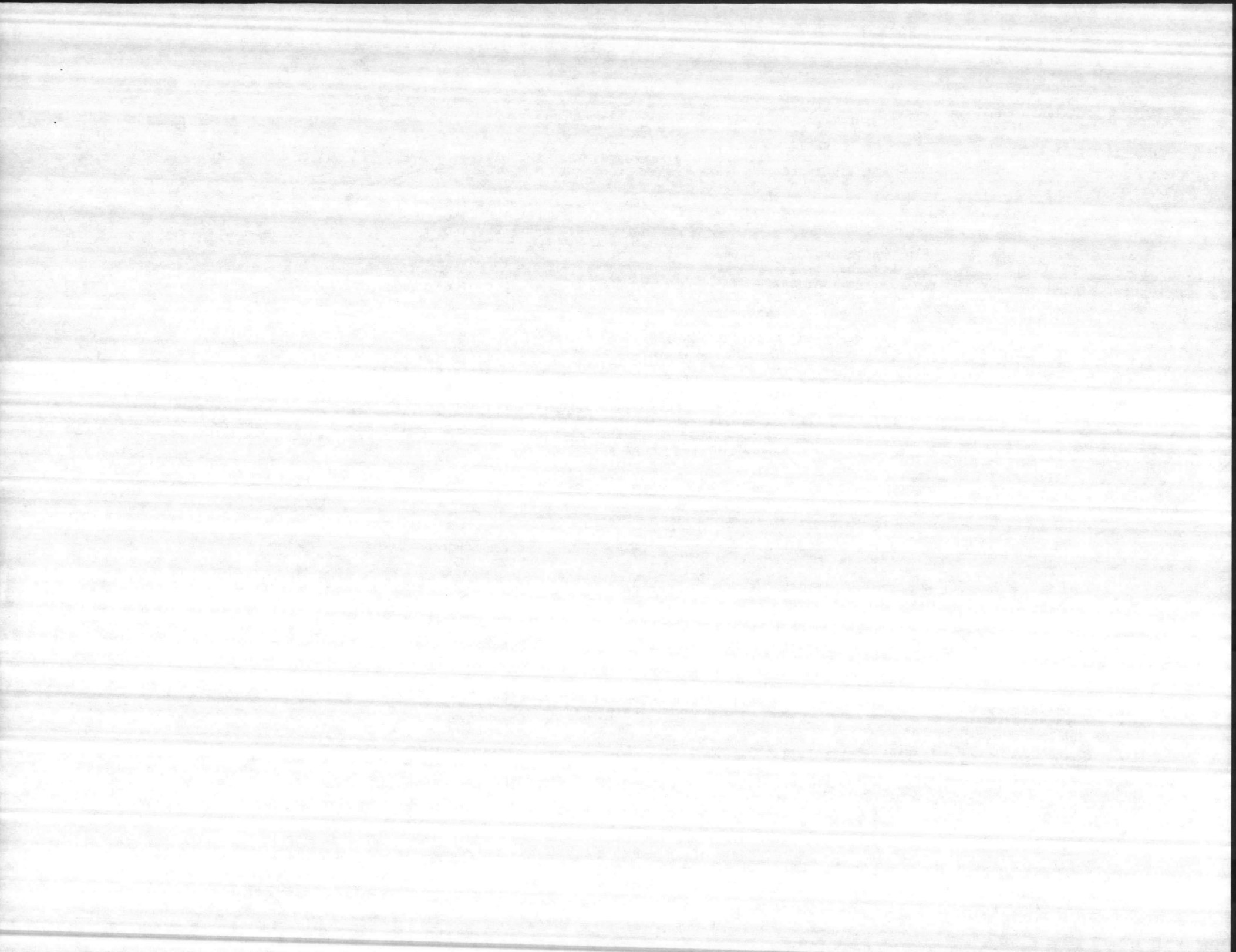
Device Characteristics:

Interface Equipment Required:

Service: E ZONE HW TEMP RESET(P143)

FID Cabinet Number:

FID Term Board Pair:





Sensor Number: TR-HW4 Point Designation: BE HWC 1TR-HW4 Sensor Type: Analog Output Record: 947

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-47  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

Device Characteristics:

Interface Equipment Required:

Service: W ZONE HW TEMP RESET(P144)

FID Cabinet Number:

FID Term Board Pairs:

-----  
Sensor Number: TR-HW5 Point Designation: BE HWC 1TR-HW5 Sensor Type: Analog Output Record: 948

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-52  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

Device Characteristics:

Interface Equipment Required:

Service: N ZONE HW TEMP RESET(P145)

FID Cabinet Number:

FID Term Board Pairs:

-----  
Sensor Number: TR-HW6 Point Designation: BE HWC 1TR-HW6 Sensor Type: Analog Output Record: 927

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-13  
ROICC's I/O Schedule Locator: 8-77  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

Device Characteristics:

Interface Equipment Required:

Service: S ZONE HW TEMP RESET(P146)

FID Cabinet Number:

FID Term Board Pairs:

-----  
N62470-77-C-7526

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System Number: HWC 2

System Type: Hot Water Converter

Fid Number: 1E1

Record 861

Specification Reference: 15911

Drawing Reference: M7-36, M7-49, M7-58, 939-79611-53XI, M7-16, 939-79611-54XI, M7-50

Construction Specification I/O Schedule Page Line Number:

Responsibility: Furnishing: N/A

Installing: N/A

Wiring: N/A

Exceptions: A0

Specials: A7 A8 C1 C2 D4 E5

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

=====

Sensor Number: DPSH-1 Point Designation: 1E1 HWC 2DPSH-1 Sensor Type: Digital Input

Record: 794

Specification Reference: 15911

Drawing Reference:

Construction Specification I/O Schedule Page Line Number: 32-15

ROICC's I/O Schedule Locator: 8-52

Point used by EMCS [Y/N]: Y

Responsibility: Furnishing: HONEYWELL, INC.

Installing: HONEYWELL, INC.

Wiring: HONEYWELL, INC.

Exceptions:

Specials:

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

FID Cabinet Number:

FID Term Board Pairs:

Device Characteristics:

Interface Equipment Required:

Service: HW PUMP P154 DIFF PR SW

-----

Sensor Number: DPSH-2 Point Designation: 1E1 HWC 2DPSH-2 Sensor Type: Digital Input

Record: 795

Specification Reference: 15911

Drawing Reference:

Construction Specification I/O Schedule Page Line Number: 32-15

ROICC's I/O Schedule Locator: 8-52

Point used by EMCS [Y/N]: Y

Responsibility: Furnishing: HONEYWELL, INC.

Installing: HONEYWELL, INC.

Wiring: HONEYWELL, INC.

Exceptions:

Specials:

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

FID Cabinet Number:

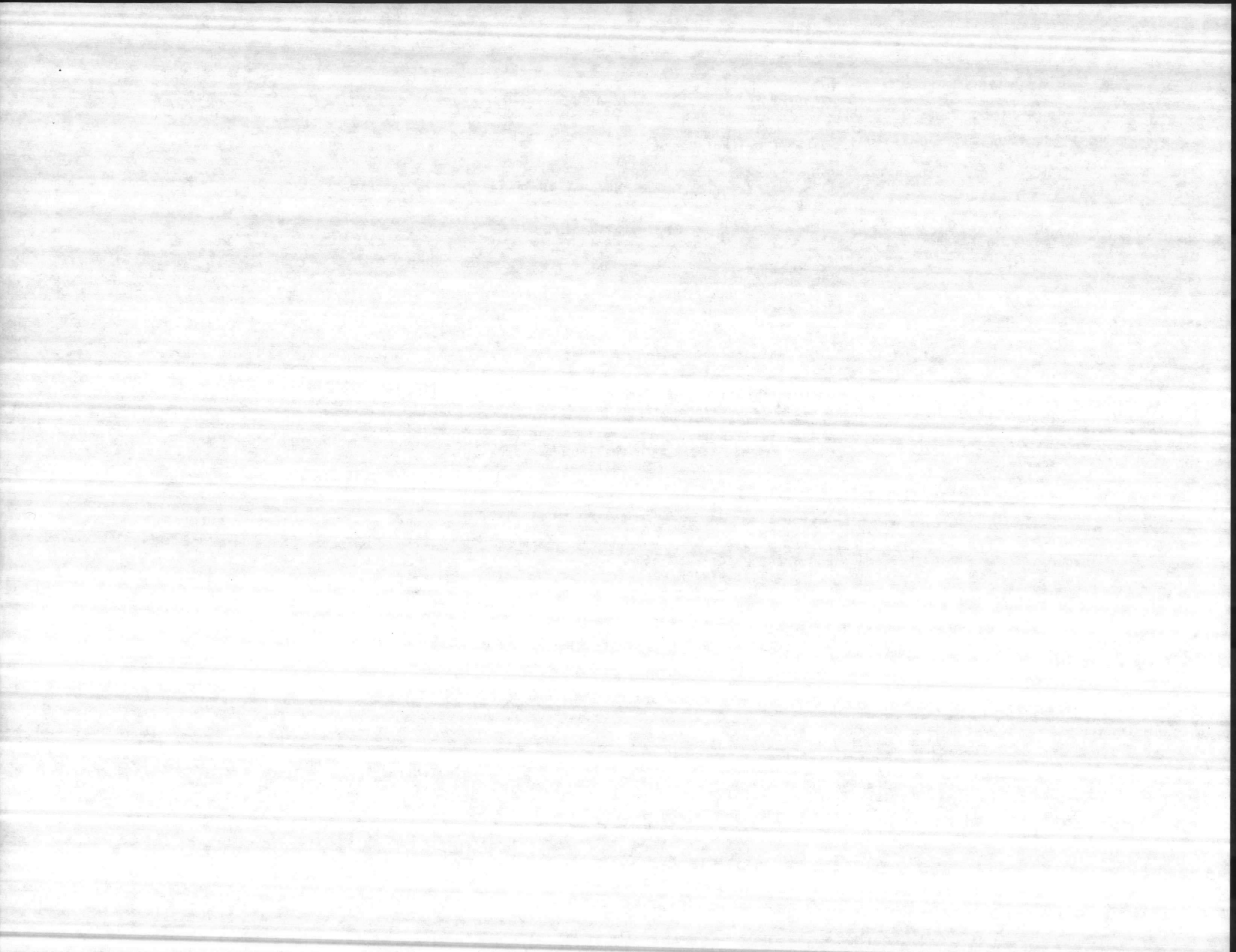
FID Term Board Pairs:

Device Characteristics:

Interface Equipment Required:

Service: HW STD-BY PUMP P155 DIFF PR SW

-----



Sensor Number: SW1      Point Designation: 1E1 HWC 2SW1      Sensor Type: Digital Output      Records: 141

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: 8-52  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:      Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES  
Device Characteristics:  
Interface Equipment Required:  
Service: START HW PUMP P154

FID Cabinet Number:  
FID Term Board Pair:

-----  
Sensor Number: SW2      Point Designation: 1E1 HWC 2SW2      Sensor Type: Digital Output      Records: 2450

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: 8-52  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:      Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES  
Device Characteristics:  
Interface Equipment Required:  
Service: START HW STD-BY PUMP P155

FID Cabinet Number:  
FID Term Board Pair:

-----  
Sensor Number: T-1      Point Designation: 1E1 HWC 2T-1      Sensor Type: Analog Input      Records: 2452

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: 8-52  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:      Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES  
Device Characteristics:  
Interface Equipment Required:  
Service: HW SUPPLY TEMP EX 6

FID Cabinet Number:  
FID Term Board Pair:



Sensor Number: TR-HW1      Point Designation: 1E1 HWC 2TR-HW1      Sensor Type: Analog Output      Records: 2451

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: NONE  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

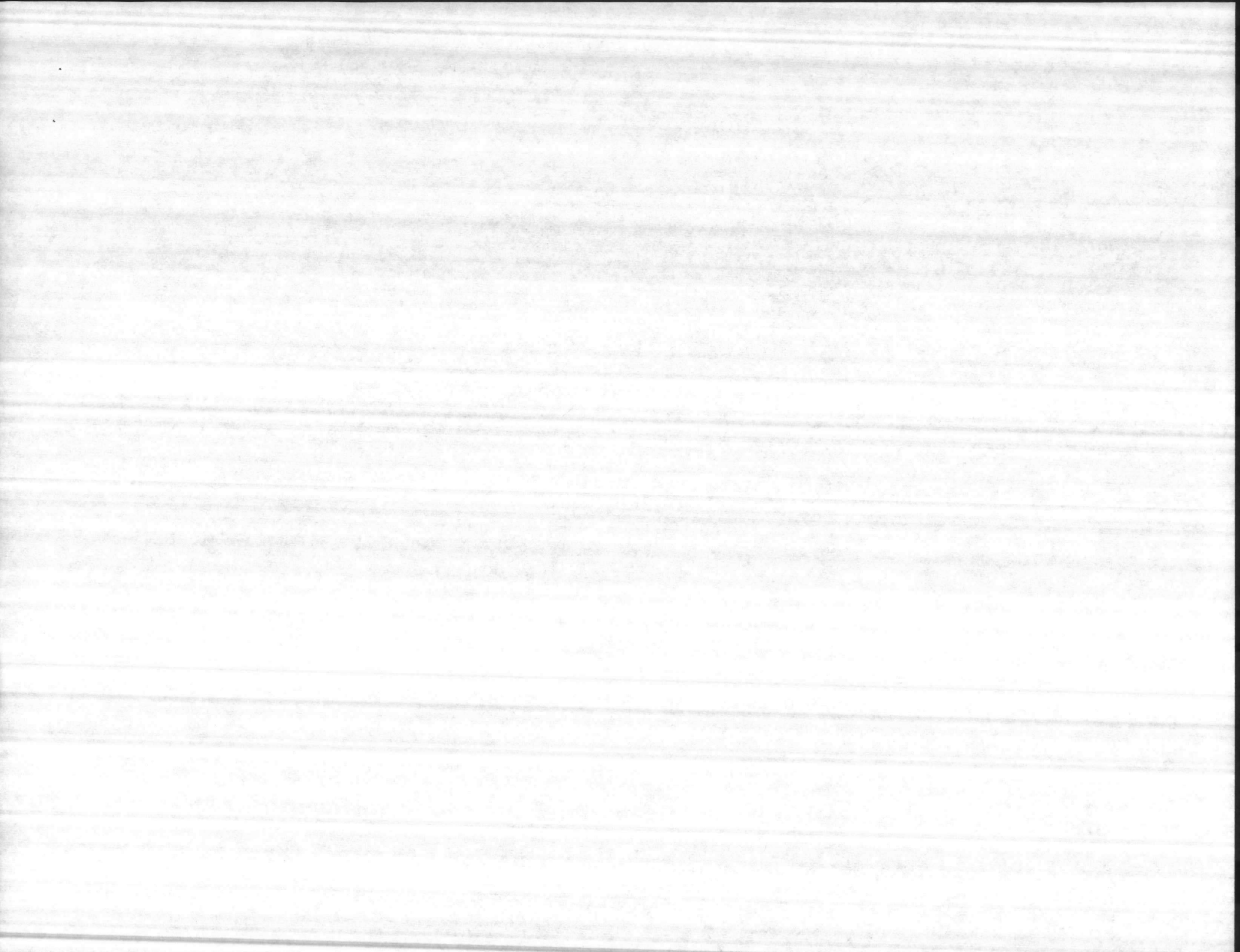
Responsibility:      Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pair:

Device Characteristics:  
Interface Equipment Required:  
Service: TEMP RESET HW CONV EX 6

---





System Number: HWC 3

System Type: Hot Water Converter

Fid Number: 1H

Record 2453

Specification Reference: 15911

Drawing Reference: M7-36, M7-50, M7-58, 939-79611-53XI, M7-18, 939-79611-54XI

Construction Specification I/O Schedule Page Line Number: 32-15

Responsibility: Furnishing: N/A

Installing: N/A

Exceptions:

Specials: A9 B0 B1 B2 C3 C4 C5 C6 D5 D6 D7 E6 E7 E8 Wiring: N/A

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

=====

Sensor Number: DPSH-1

Point Designation: 1H HWC 3DPSH-1

Sensor Type: Digital Input

Records: 773

Specification Reference: 15911

Drawing Reference:

Construction Specification I/O Schedule Page Line Number: 32-15

ROICC's I/O Schedule Locator: 8-67

Point used by EMCS [Y/N]: Y

Responsibility: Furnishing: HONEYWELL, INC.

Installing: HONEYWELL, INC.

Wiring: HONEYWELL, INC.

Exceptions:

Specials:

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

FID Cabinet Number:

FID Term Board Pairs:

Device Characteristics:

Interface Equipment Required:

Service: HW PUMP P152 DIFF PRESS SW

-----

Sensor Number: DPSH-2

Point Designation: 1H HWC 3DPSH-2

Sensor Type: Digital Input

Records: 2454

Specification Reference: 15911

Drawing Reference:

Construction Specification I/O Schedule Page Line Number: 32-15

ROICC's I/O Schedule Locator: 8-67

Point used by EMCS [Y/N]: Y

Responsibility: Furnishing: HONEYWELL, INC.

Installing: HONEYWELL, INC.

Wiring: HONEYWELL, INC.

Exceptions:

Specials:

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

FID Cabinet Number:

FID Term Board Pairs:

Device Characteristics:

Interface Equipment Required:

Service: HW STD-BY PUMP P153 DIFF PR SW

-----



Sensor Number: DPSH-3 Point Designation: 1H HWC 3DPSH-3 Sensor Type: Digital Input Record: 2455

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: 8-67  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

Device Characteristics:

Interface Equipment Required:

Service: N ZONE PUMP P150 DIFF PR SW

FID Cabinet Number:  
FID Term Board Pair:

-----  
Sensor Number: DPSH-4 Point Designation: 1H HWC 3DPSH-4 Sensor Type: Digital Input Record: 2456

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: 8-67  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

Device Characteristics:

Interface Equipment Required:

Service: S ZONE PUMP P151 DIFF PR SW

FID Cabinet Number:  
FID Term Board Pair:

-----  
Sensor Number: SW1 Point Designation: 1H HWC 3SW1 Sensor Type: Digital Output Record: 2457

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: 8-67  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767

External #: 667

Status: DEVIATES

Device Characteristics:

Interface Equipment Required:

Service: START HW PUMP P152

FID Cabinet Number:  
FID Term Board Pair:



Sensor Number: SW2      Point Designation: 1H HWC 3SW2      Sensor Type: Digital Output      Record: 2458

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: 8-67  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:    Furnishing: HONEYWELL, INC.  
                          Installing: HONEYWELL, INC.  
                          Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pair:

Device Characteristics:  
Interface Equipment Required:  
Service: START HW STD-BY PUMP P153

-----  
Sensor Number: SW3      Point Designation: 1H HWC 3SW3      Sensor Type: Digital Output      Record: 2459

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: 8-67  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:    Furnishing: HONEYWELL, INC.  
                          Installing: HONEYWELL, INC.  
                          Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pair:

Device Characteristics:  
Interface Equipment Required:  
Service: START HW ZONE PUMP P150

-----  
Sensor Number: SW4      Point Designation: 1H HWC 3SW4      Sensor Type: Digital Output      Record: 2460

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: 8-67  
Point used by EMCS [Y/N]: Y

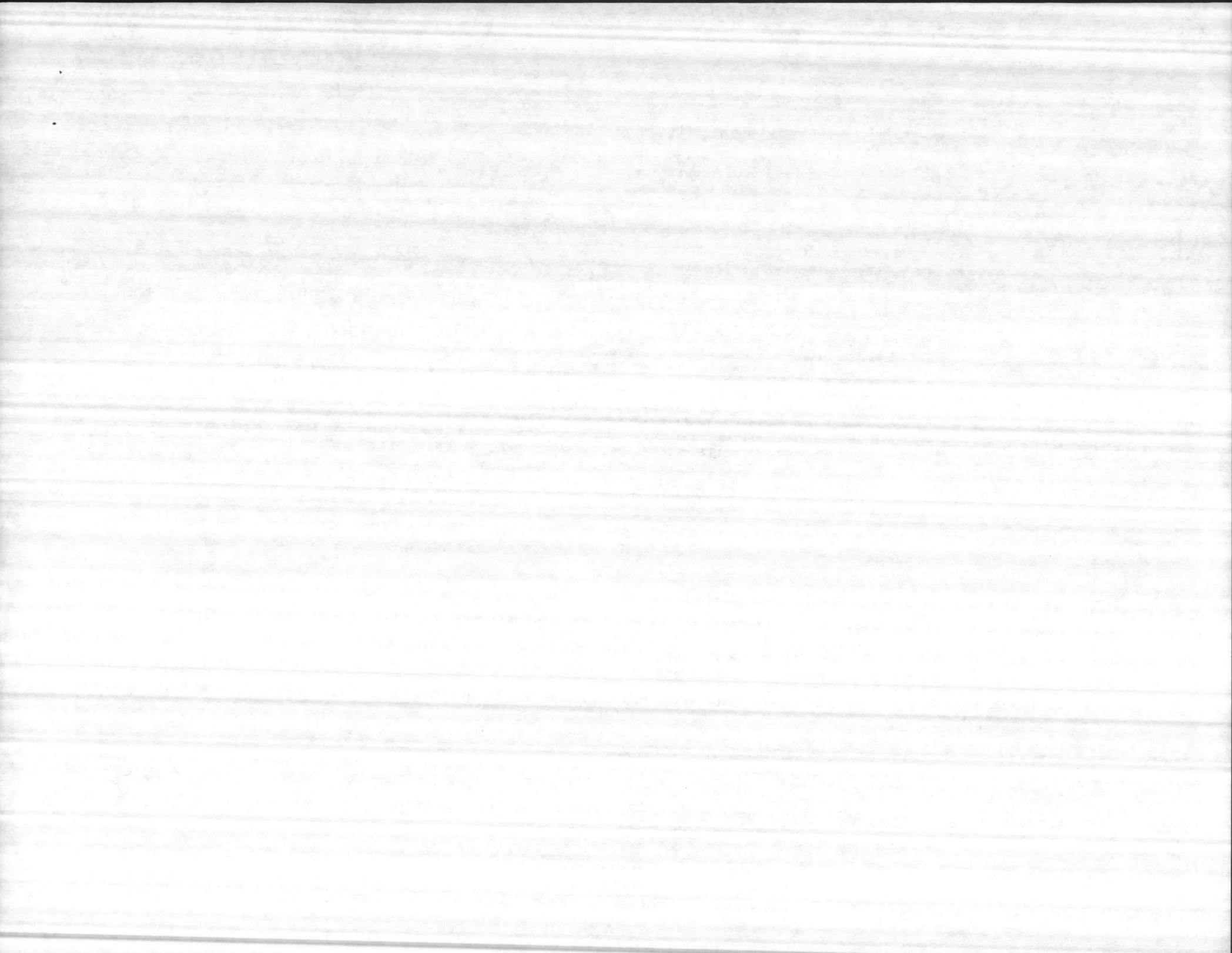
Exceptions:  
Specials:

Responsibility:    Furnishing: HONEYWELL, INC.  
                          Installing: HONEYWELL, INC.  
                          Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pair:

Device Characteristics:  
Interface Equipment Required:  
Service: START HW ZONE PUMP P151



Sensor Number: T-1      Point Designation: 1H HWC 3T-1      Sensor Type: Analog Input      Record: 2464

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Numbers: 32-15  
RUICC's I/O Schedule Locator: 8-67  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:    Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES  
Device Characteristics:  
Interface Equipment Required:  
Service: HW SUPPLY TEMP EX-7

FID Cabinet Number:  
FID Term Board Pairs:

-----  
Sensor Number: T-2      Point Designation: 1H HWC 3T-2      Sensor Type: Analog Input      Record: 2465

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Numbers: 32-15  
RUICC's I/O Schedule Locator: 8-67  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:    Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES  
Device Characteristics:  
Interface Equipment Required:  
Service: N ZONE HW SUPPLY TEMP(P150)

FID Cabinet Number:  
FID Term Board Pairs:

-----  
Sensor Number: T-3      Point Designation: 1H HWC 3T-3      Sensor Type: Analog Input      Record: 2466

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
RUICC's I/O Schedule Locator: 8-67  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility:    Furnishing: HONEYWELL, INC.  
                         Installing: HONEYWELL, INC.  
                         Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:  
Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES  
Device Characteristics:  
Interface Equipment Required:  
Service: S ZONE HW SUPPLY TEMP(P151)

FID Cabinet Number:  
FID Term Board Pairs:





Sensor Number: TR-HW1 Point Designation: 1H HWC 3TR-HW1 Sensor Type: Digital Output Record: 2461

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: NONE  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pairs:

Device Characteristics:  
Interface Equipment Required:  
Services: TEMP RESET HW CONV EX 7

-----  
Sensor Number: TR-HW2 Point Designation: 1H HWC 3TR-HW2 Sensor Type: Digital Output Record: 2462

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: 8-67  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pairs:

Device Characteristics:  
Interface Equipment Required:  
Services: N ZONE HW TEMP RESET(P150)

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Sensor Number: TR-HW3 Point Designation: 1H HWC 3TR-HW3 Sensor Type: Digital Output Record: 2463

Specification Reference: 15911  
Drawing Reference:  
Construction Specification I/O Schedule Page Line Number: 32-15  
ROICC's I/O Schedule Locator: 8-67  
Point used by EMCS [Y/N]: Y

Exceptions:  
Specials:

Responsibility: Furnishing: HONEYWELL, INC.  
Installing: HONEYWELL, INC.  
Wiring: HONEYWELL, INC.

Shop Drawing Submittal Data:

Lockwood Greene #: 767  
External #: 667  
Status: DEVIATES

FID Cabinet Number:  
FID Term Board Pairs:

Device Characteristics:  
Interface Equipment Required:  
Service: S ZONE HW TEMP RESET(P151)

