CRITICAL STEAM TO WATER HEAT EXCHANGER P & ID

CONTROLS EQUIPMENT LIST

<table>
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<th>ITEM NO.</th>
<th>DESCRIPTION</th>
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<td>DIFFERENTIAL PRESSURE TRANSMITTER</td>
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<td>TEMPERATURE TRANSMITTER</td>
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<td>ELECTROMAGNETIC VALVE</td>
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<td>CURRENT SENSING RELAY</td>
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NOTES:
1. DESIGNER'S Notes should be included here.
2. Ensure all components and accessories are identified.

CRITICAL HEAT EXCHANGER SYSTEM

DATE

BDG NO.

EXCHANGER HX-2

EXCHANGER HX-1

MARK

SCHEDULE

DC

CA

VALVE

LPS (TYP.) REDUCER ECCENTRIC

B" LPS VALVE

N.O. 8-13#

XDCR-4

XDCR-2

XDCR-3

AO

AO

CV-4

CV-3

CONDENSATE DRAINAGE

ISOLATION VALVE

DRIP TRAP.

CONDENSATE LOW PRESSURE

11.

10.

9.

8.

DETAILED SEQUENCE

5.

2.

1.

SUMMARY

OUT OF SERVICE WHILE MEETING THE PEAK DIVERSIFIED HWH LOAD.

CRITICAL STEAM TO WATER HEAT EXCHANGER SYSTEM DESIGN

1. **Exchanger Arrangement:**
   - Steam to Water Heat Exchanger System
   - Ensure all components are clearly labeled.

2. **Scheduling Details:**
   - Ensure all schedules are accurate and complete.

3. **Control Locations:**
   - Include all control locations and connections.

4. **Equipment List:**
   - Include all equipment listed above.

5. **Notes:**
   - Include any additional notes or requirements.

6. **Drawn By:**
   - University Of Michigan

ARCHITECTURE, ENGINEERING AND CONSTRUCTION

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Fax: 734-936-3334

University Of Michigan

Steam to Water Heat Exchanger

P & ID - Critical

CONVERTER STANDARDIZATION COMMITTEE

STEAM TO WATER HEAT EXCHANGER

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