

<b>REVISIONS</b>		
<b>NO.</b>	<b>DESCRIPTION</b>	<b>DATE</b>



THE UNIVERSITY  
of NORTH CAROLINA  
at CHAPEL HILL



The University of North Carolina  
Chapel Hill, North Carolina

## Standard Control Drawings

Eng	<i>HJN</i>
Dream	<i>HJN</i>
Chief	---
Abel	---
Issued	<i>12/23/2006</i>
Job No.	---
Scale	<i>N/A</i>
Print Code	










**100% Design  
Review (REV 3)**

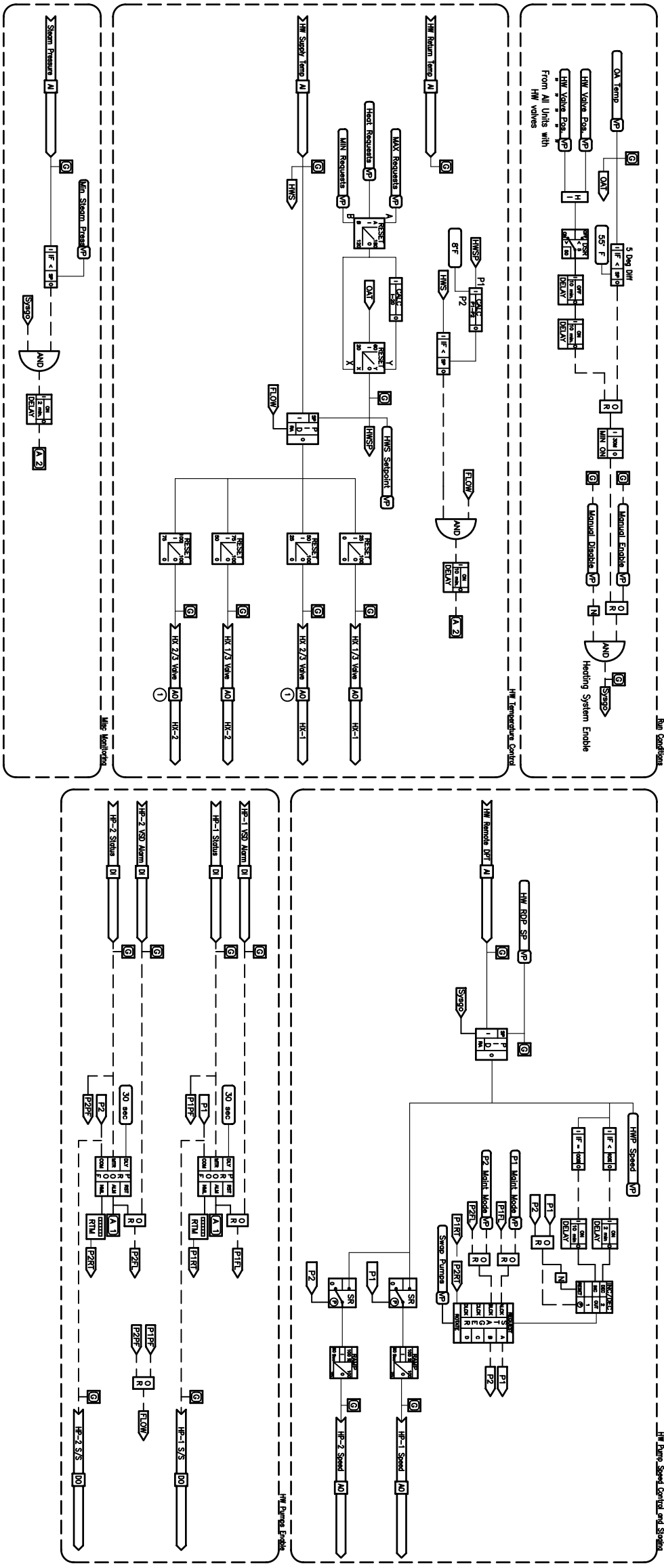
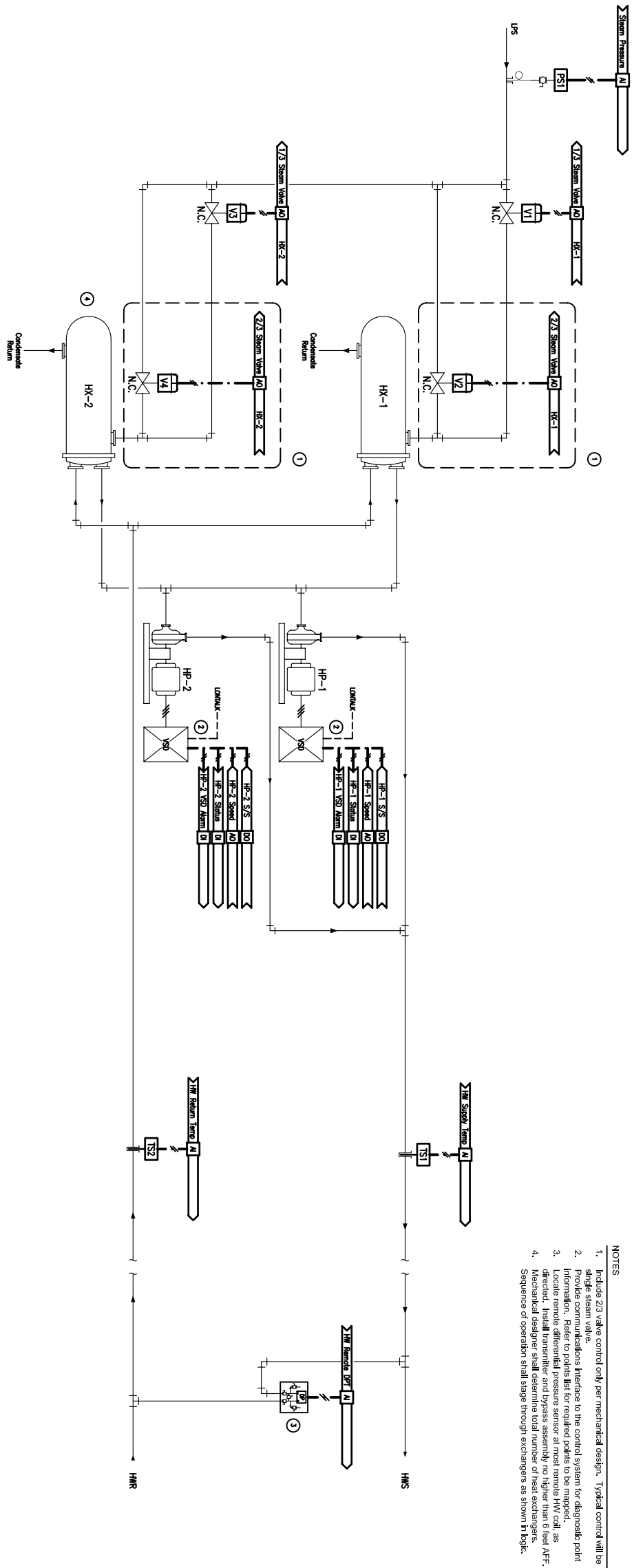
## STEAM TO HW CONVERTER WITH V PUMPS

00 OF 00  
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SHEET NUMBER

C-3.01

[illegible]

LOGIC VARIABLES		
BINARY	ANALOG	DESCRIPTION
		ON WHEN HEATING SYSTEM IS SWAPPED
		ON WHEN PUMP * STATUS IS PROVEN
		ON WHEN PUMP * PROOF HAS FAILED
		ON WHEN EITHER PUMP IS PROVEN
		ON WHEN PUMP * IS COMMANDDED TO RUN
		VARIABLE VALUE OF OUTDOOR AIR TEMPERATURE
		VARIABLE VALUE OF PUMP * RUNNING (PRUN)
		VARIABLE CALCULATED VALUE OF HOT WATER SUPPLY TEMPERATURE SETPOINT
		VARIABLE VALUE OF HOT WATER SUPPLY TEMPERATURE



## Software Logic Diagram