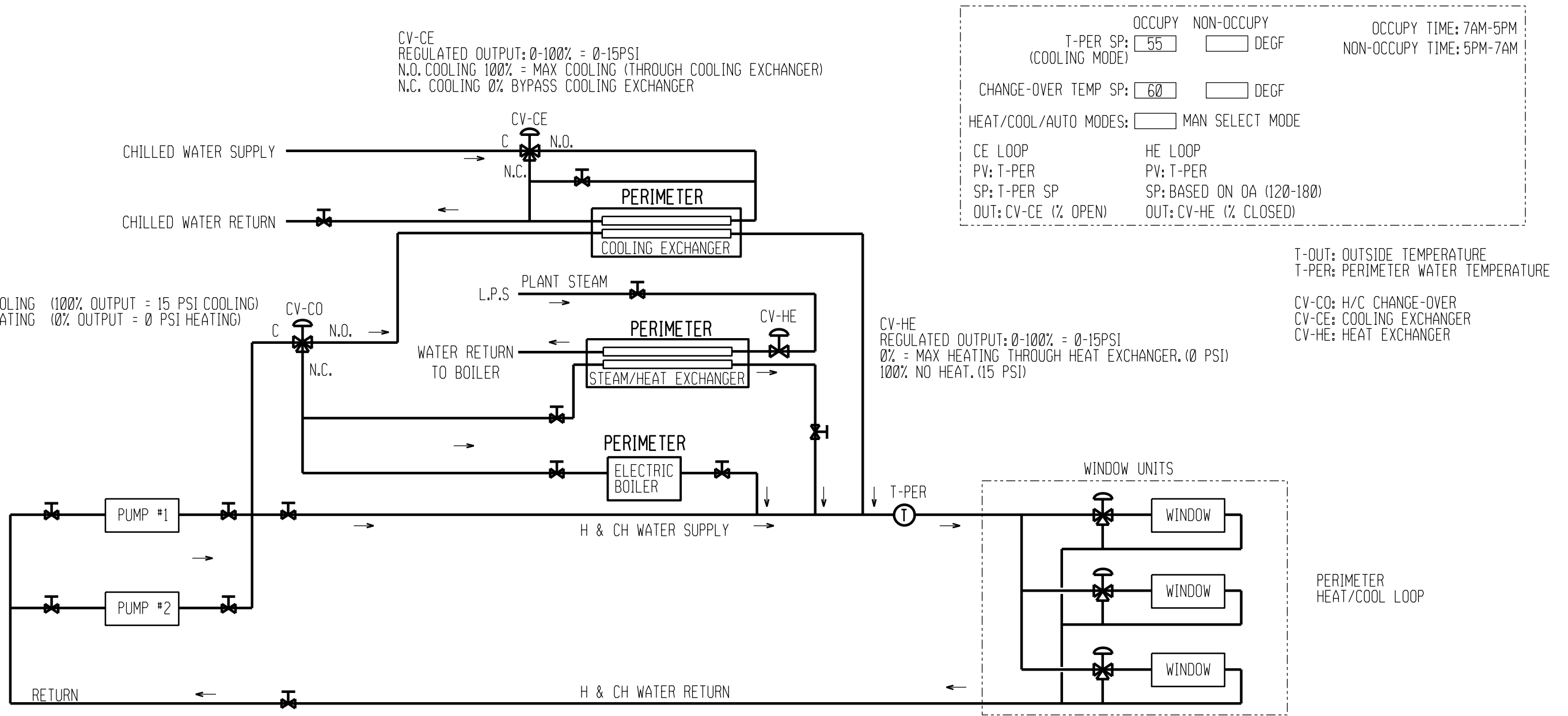


FRONT OFFICE - HVAC WINDOW PERIMETER WATER PIPING LAYOUT



HEATING MODE: (CONTROL STEAM FLOW)
1. OUTSIDE TEMP < CHANGE-OVER TEMP SP.
2. CV-CE: 0%
3. CV-CO: 0%
(SEND WATER THROUGH HEAT EXCHANGER AND ELECTRIC BOILER).
4. CV-HE: REGULATE 0-100%
(CONTROLS WATER TEMPERATURE GOING TO WINDOW UNITS USING STEAM).
5. T-PER: MAINTAIN BETWEEN 120 TO 180 DEGF:
- OUTSIDE TEMP => 60 DEGF, T-PER = 120 DEGF.
- OUTSIDE TEMP =< 30 DEGF, T-PER = 180 DEGF.
T-OA=60 (30 to 60)
T-PER=120 =120-((-60 x ((60-T-OA)/30)))
NOTE: =<30=180, 40=160, 50=140, =>60=120

CV-CE: 100% MAX COOL
CV-HE: 0% MAX HEAT
CV-RH: 0% MAX HEAT
CV-CO: 100% MAX COOL
CV-ST: 0% MAX HEAT
CV-CW: 100% MAX COOL

HEATING COOLING
CV-CE: 0% 0-100%
CV-CO: 0% 100%
CV-HE: 0-100% 100%
T-PER: 120-180 DEGF 55 DEGF

REFERENCE DRAWINGS				
DWG. NO.	TITLE	DWG. NO.	TITLE	
008 468100	- MASTER DRAWING LIST	-	-	

DATE PLOTTED \$\$\$DATE\$\$\$

SUBJECT INDEX				
WORKS NO.	LINE NO.	DISCIPLINE	OPERABLE UNIT	ITEM NO.
008 - 00 - E - 76 - 5400				

REV.	BY	DATE	CHECKED	DATE	APPROVED	DATE	SCALE

MEADVILLE, PA
FRONT OFFICE
HVAC SYSTEM - PERIMETER
STEAM/WATER PIPING LAYOUT

SCALE NONE
DRAWING NO. 008 HVAC2