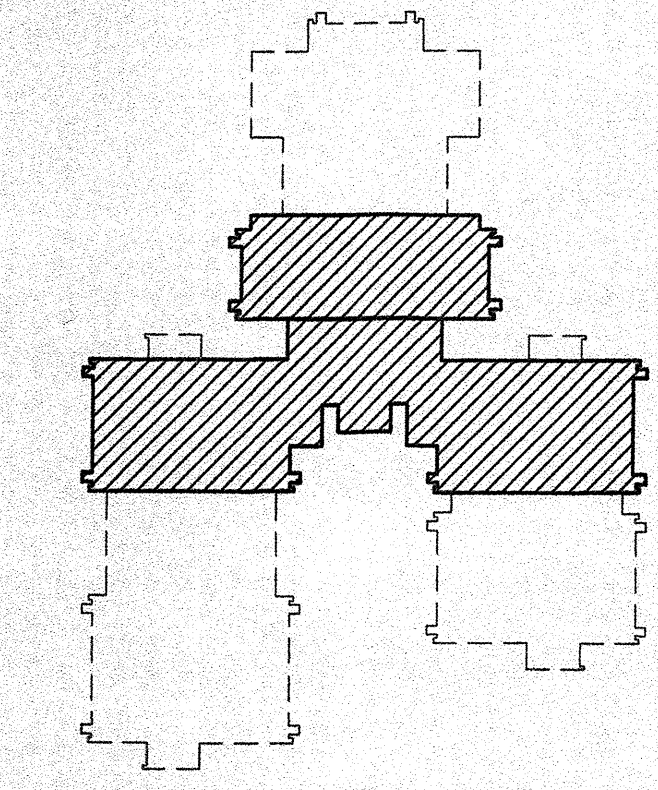


1 THIRD FLOOR MECHANICAL PLAN
 SCALE 1/8" = 1'-0"
 0963M-PP03



KEYPLAN
 HATCHED AREA INDICATES AREA OF WORK

- *Keyed Notes:**
- 1 Remove existing pneumatic room thermostat and discard. Remove all branch air piping complete from the thermostat to the terminal device. Remove all main air piping once the entire pneumatic control system has been converted to DDC.
 At the removed pneumatic thermostat, provide and install a decorative cover over the old mounting location. Wherever possible, obtain blank cover plates to match the old thermostats. (Many of the thermostats are Honeywell TP911 series round thermostats. Honeywell made a blank cover plate for these thermostats - Model 308078AT.)
 In most locations, a new temperature sensor will be installed in the same location. Install all new sensors at 48" A.F.F. Low voltage control wiring shall be run concealed in accessible wall cavities. Where wall cavities are not accessible, Wiremold #500 surface metal raceway may be used in Ivory color. Route surface raceway straight vertical to the nearest ceiling plenum.
 - 2 Existing hot water duct coil above the ceiling. In all duct-mounted hot water coils, the existing pneumatic control valve shall be removed and replaced with a new electronic control valve. The control of this valve shall be transferred to the Energy Management System. Refer to the Piping Details and Schedules for related work.
 - 3 At these locations, four pneumatic control valves manage the flow of hot water or chilled water to induction units on the floor above. In general, all four pneumatic valves shall be removed and replaced with new electronic control valves. The control of these valves shall be transferred to the Energy Management System. Refer to the Piping Details and Schedules for related work.
 - 4a At this location, heating water or chilled water exits the vertical chases on the perimeter of this building and feeds the induction units. As an early step in the project, the existing isolation valve, return isolation cock, and venturi balancing valve (where present) shall be removed and replaced with a new ball-type isolation valve and new manual balancing valve. At this location, the pipe line size is 3/2".
 - 4b At this location, heating water or chilled water exits the vertical chases on the perimeter of this building and feeds the induction units. As an early step in the project, the existing isolation valve, return isolation cock, and venturi balancing valve (where present) shall be removed and replaced with a new ball-type isolation valve and new manual balancing valve. At this location, the pipe line size is 3/4".
 - 4c At this location, heating water or chilled water exits the vertical chases on the perimeter of this building and feeds the induction units. As an early step in the project, the existing isolation valve, return isolation cock, and venturi balancing valve (where present) shall be removed and replaced with a new ball-type isolation valve and new manual balancing valve. At this location, the pipe line size is 1".
 - 4d At this location, heating water or chilled water exits the vertical chases on the perimeter of this building and feeds the induction units. As an early step in the project, the existing isolation valve, return isolation cock, and venturi balancing valve (where present) shall be removed and replaced with a new ball-type isolation valve and new manual balancing valve. At this location, the pipe line size is 1 1/2".
 - 5 Existing hot water convactor exposed within the occupied space. At all convectors, the existing pneumatic control valve shall be removed and replaced with a new electronic control valve. The control of this valve shall be transferred to the Energy Management System. Refer to the Piping Details and Schedules for related work.
 - 6 Existing hot water finned-tube radiation exposed within the occupied space. At all finned tube radiation, the existing pneumatic control valve shall be removed and replaced with a new electronic control valve. The control of this valve shall be transferred to the Energy Management System. Refer to the Piping Details and Schedules for related work.
 - 7 Existing hot water unit heater. No work is required at this time.
 - 8 Existing hot water cabinet heater typically exposed within the occupied space. At all cabinet heaters, the existing pneumatic control valve shall be removed and replaced with a new electronic control valve. The control of this valve shall be transferred to the Energy Management System. Refer to the Piping Details and Schedules for related work.

DRAWN BY CAS
 CHECKED BY CCO
 DATE 1/15/10

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PROJECT NO.
 0963

PROJECT TITLE
 TEMPERATURE CONTROL SYSTEM
 IMPROVEMENTS
 LA CROSSE CITY HALL BUILDING
 LA CROSSE, WI
 SHEET TITLE
 THIRD FLOOR MECHANICAL PLAN

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