

Addendum No. 1 for RFP 02232022 for Mokena SD159 dated 2/23/2022.

RFP Timeline

Addendum No. 1 issued Monday March 14, 2022

Site revisit, Thursday March 17, 2022, 7:00am – 8:30am

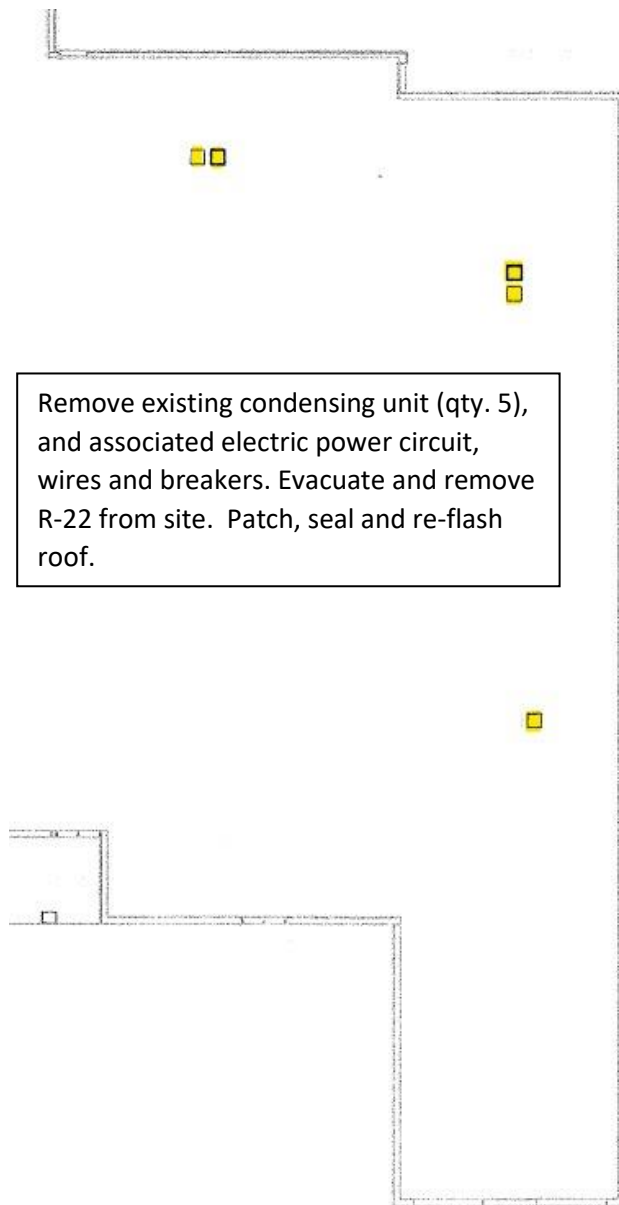
Response due date, Friday March 25, 2022

- A. All work; demolition and removal of existing unit vents and installation of new unit vents **shall be done during the summer of 2023, (substantial completion August 9, 2023)**, including final connection of piping and ductwork to the new unit vents, completion of unit ventilator controls, testing and balancing, system commissioning, removal of refrigerant piping and wall touch up work.
- B. Remove five (5) condensing units on roof (summer 2023)
1. Evacuate and remove R-22 off site
 2. Remove existing electric power circuits back to source
 3. Remove condensing units from site
 4. Patch, seal and re-flash roof
- C. Remove existing refrigerant piping exposed below the ceiling (in lieu of dual temperature water piping as stated in original RFP).
- D. Provide new dual temperature piping from existing 3" taps above the ceiling near courtyard exit door, and route above ceiling and to each new unit vent. Piping shall decrease in size after first two take-offs to 2-1/2", and then to 2" after the last take-off. Terminate piping with shut-off valves and caps in the receiving room, near existing air handling unit S-3 for future connection. Insulate piping per code requirements. Provide by-pass valve and hose connections to accommodate flushing of new piping system before connecting to existing filled piping, see 2-way piping detail below
- E. New Unit vents shall have integrated powered exhaust fan system with split louver for intake and exhaust (see detail for larger louver size). Basis of design is Airdale Sentinel UVD50AABCCBNN266N00TNNCN. Alternate manufacturers may be considered for approval by ESG. Units shall be 120V/1ph, and electric panels/wiring shall be modified as required to power the unit properly.
- F. Exhaust fan (EF-1) and ductwork distribution scope stated in original RFP shall be omitted.
- G. Alternate unit ventilator controllers shall be submitted for approval.
- H. Unit vent controllers will be field installed
- I. Control Scope of work shall omit control of exhaust fan EF-1, but shall include sequencing for economizing utilizing unit vent exhaust fans. New room stats shall be located on an interior wall at least 15 feet from the exterior wall, near the entrance of the room.

J. Existing sketches are schematic in nature. All duct routing shall be field verified and installed to match existing above ceiling conditions. Supply header from unit vents shall run between joists, with round ducts spanned inside joist webbing.

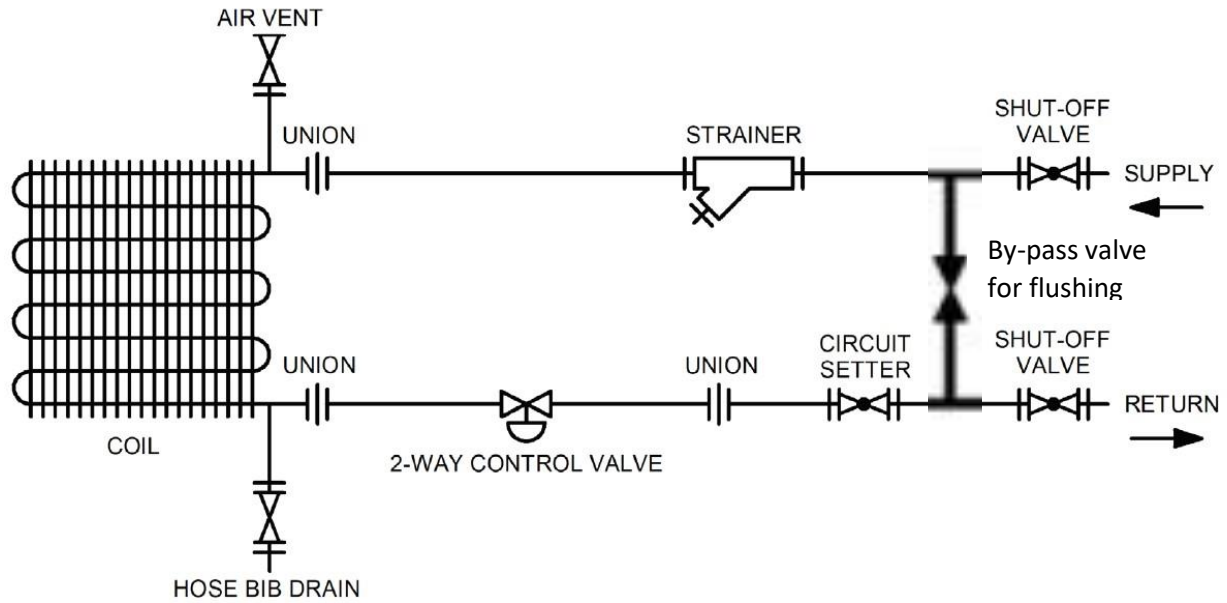
K. Provide air and water balancing for each of the new unit vents, including balancing of diffusers. Include balancing report for air and water to be reviewed and approved by ESG.

Partial Roof Plan (no scale)

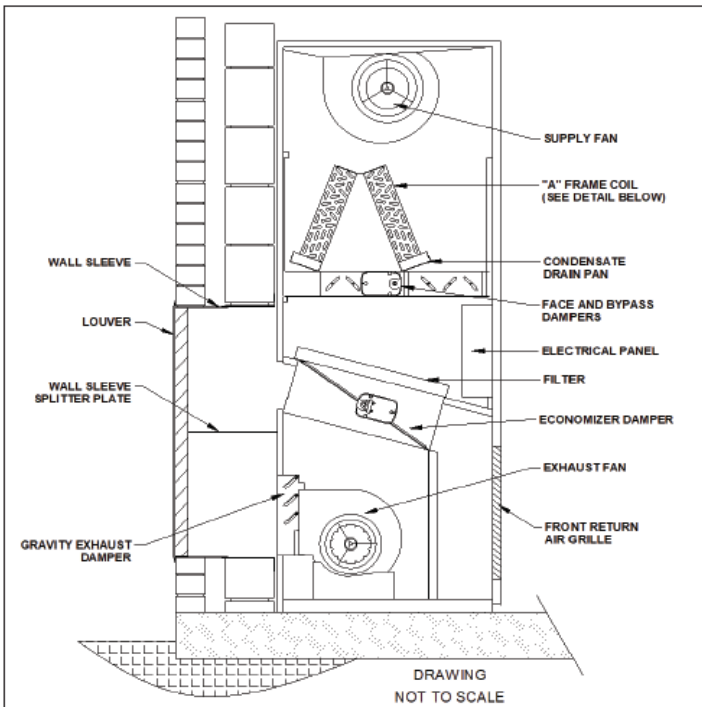


Remove existing condensing unit (qty. 5), and associated electric power circuit, wires and breakers. Evacuate and remove R-22 from site. Patch, seal and re-flash roof.

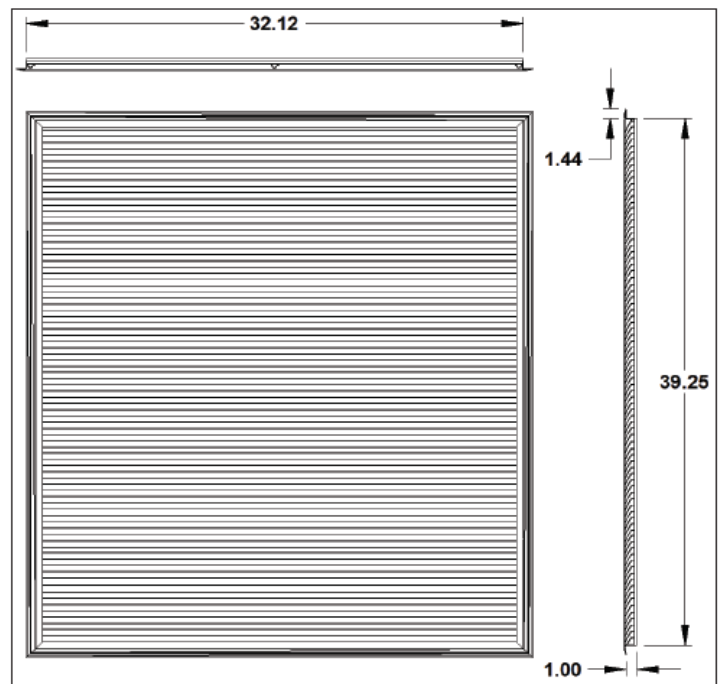
Typical 2-Way Piping Diagram



General Arrangement



Louver



NOTE: Verify louver size with unit vent manufacturer before final order.