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CIVIL ENGINEERING  
SEPTIC DESIGN

CONSTRUCTION INSPECTION  
SITE DEVELOPMENT

## Ansonia High School Storage Garage

### PROPOSAL RFI'S

The following RFI's have been received as of 5:00 PM on 3/27/20:

#### ANSWERS ARE IN BOLD:

#### QUESTIONS:

1. The Spec states that thru the exhaust fans should be designed to perform 6 air changes an hour for the structure. Is this requirement a per fan cfm requirement or total cfm of both fans to achieve this. **TOTAL**
2. Will the mechanical contractor be required for cutting and properly bracing the openings required for the side wall fans and fresh air intake louvers. **THATS BETWEEN MECH. CONTRACTOR, GC AND BLDG SUPPLIER**
3. Based on the site plan and the Unit heater spec it appears these are natural gas unit heaters. However on the mechanical plan it refers to an LP connection. Just want to confirm this is a natural gas project. **NATURAL GAS**
4. As noted in the spec secondary pressure regulators are required for each Unit Heater. Will the regulator vents be required to be piped to the exterior of the buildings. This is typical for all installs we do, however we have come across specs that do not call for this. **YES, SECONDARY PRESSURE REGULATORS SHALL BE PIPED TO THE EXTERIOR OF THE BUILDING**
5. Are the thermostats for the Units heaters to be Line Voltage (120v) or Low Voltage(24VAC) **NON-PROGRAMMABLE, LOW VOLTAGE TYPE,**
6. With regard to the fresh air make up louvers. Based on 6 air changes an hour and of approximately 60,000 cubic feet, the make up are damper will exceed 72" x 72". These are rather large, will certainly prove to be a challenge for installation and damper operation and maintenance. We would like to propose using 4 damper and louver sets to be evenly distributed on the perimeter of the building with location being owner approved. In this scenario we could then open each on

individually based the proposed sequence of operations. **ITS DESIGN/BUILD ... SIZE AND QUANTITY OF FANS IS UP TO DESIGNER.**

7. Secondly would these dampers and exhaust fans need to be activated on a rise in CO levels in the garage? Its Design Build .. **THE DESIGN/BUILD ENGINEER HAS TO DESIGN THE FACILITY TO CODE..... IF THE CODE DOESN'T REQUIRE A CO DETECTOR, THEN THE ANSWER IS NO.**