

**DDESS Facility Assessment  
Macdonald Intermediate  
Fort Knox, KY**

**Pre-Survey Questionnaire**

Please circle Yes or No and describe problem and area of the building where present if applicable.

- What are the biggest problems at the building? Do you receive continual complaints about your building systems? **Roof leaks and HVAC complaints.**
- Please list approximate age of building and building additions.  
**Main Building constructed 1967-64,000 sq. ft.**
- Are you aware of any structural problems in the building related to columns, beams, floor slabs, roof decking, load bearing walls or foundations? Y or  N

Description:

- Are you aware of any roof problems or roof leaks?  Y or N
- Is/are your roof/roofs still under warranty? Y or  N If yes, how much longer?

Description:

During recent HVAC/Fire Sprinkler project SSSM roof was installed over approximately 2/3 of the facility to provide a mechanical area for new HVAC equipment. There have been constant leaks since completion of this project at areas where the new and old roof meet. Contractor inspector has been working with contractor to get these areas fixed. Older areas (flat roof) are in need of replacement due to leaks in gym, etc.

- Are all your doors and windows operable?  Y or N  
If No, give examples and locations where they are not operable:

1) Kitchen Equipment  
2) ...  
3) ...

Descriptions:

Major kitchen appliances are in need of replacement. Most are so old they don't work when opened. There are no grease traps on kitchen.

- Have vertical transportation systems been inspected (elevators, chairlifts)? Y or N. Can you make available Inspection Reports? Y or N. **NOT APPLICABLE**

Description:

- Have you had any problems with your fire alarm or security systems? Y or  N  
How are they monitored? **Security system is monitored by MP station via dedicated line. Fire Alarm system is monitored by fire station by Monaco BT2-3 transceiver.**

Description: **Fire panel is Notifier AFP-200 with addressable devices. Security panel is Sonitrol 3500.**

- On the outside of your building, are you aware of any dangerous or maintenance problem areas around the building whether due to traffic, storm water, tripping hazards, etc?  Y or N

Description:

**There is a sidewalk that circles much of the building which has sections that have either raised or lowered, creating trip hazards.**

- Are you aware or do you suspect the presence of mold in your building?  Y or N
- Has an indoor air quality study been done on this facility and do you have a test report? Y or  N If yes, please provide.

Description:

**Facility has a history of HVAC problems which include high humidity. New Geothermal HVAC system was installed and started up in Aug 2001 with less than desired performance. Contractor is at this time making improvements which should increase the ability to remove humidity in this facility.**

- Have you had continual problems with the following plumbing items:  
Please give examples and locations where "Y"

- |                      |                                    |                                    |
|----------------------|------------------------------------|------------------------------------|
| 1) Sewer Lines       | Y                                  | <input checked="" type="radio"/> N |
| 2) Bathroom Fixtures | Y                                  | <input checked="" type="radio"/> N |
| 3) Water Pipes       | Y                                  | <input checked="" type="radio"/> N |
| 4) Kitchen Equipment | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N |
| 5) Grease Traps      | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N |
| 6) Gas Piping        | Y                                  | <input checked="" type="radio"/> N |

Descriptions:

**Major kitchen appliances are in need of replacement. Most are same that was installed in building when opened. There are no grease traps on kitchen.**

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- Do you get many complaints of "too hot", "too cold" and "stuffy" and if so, what part of the building?  
 Y or  N

Description:

Facility has a history of HVAC problems which include high humidity. New Geothermal HVAC system was installed and started up in Aug 2001 with less than desired performance. Contractor is at this time making improvements which should increase the ability to remove humidity in this facility. Steps are also being taken to provide increased comfort levels in facility.

- Have recurring mechanical equipment problems been experienced? Y or  N Has a piece of equipment recently failed or been replaced? Y or  N

Descriptions:

- Have you experienced continual or maintenance related problems with breakers, fuses, or overloaded circuits?  Y or  N

Examples:

Breakers trip often due to overloaded circuits throughout building.

- Do you have any utility metering information that you can provide us?  Y or  N
- Do you have adequate lighting and power for your classrooms, labs and library? Y or  N

Examples

There is not adequate power in this facility to support the number of recently added LAN drops. Major power upgrades are needed.

RETURN TO:

Parkhill, Smith & Cooper, Inc.  
c/o Allan Wolf  
4222 85th St.