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## **Value Engineering\***

### ***Prius not the Cadillac Remodel Plan***

**Like the Toyota Prius, the current remodel plan is functional, budget-conscious, and meets minimum requirements to mitigate risk and successfully achieve the goals of the JHS Strategic Business Plan. Were cost not an option, a Cadillac plan would have included many additional remodel elements.**

**Below is a list of design elements or project components that were changed, scaled down, or eliminated in a pro-active effort to contain costs:**

- Relocate existing clinic and infirmary exam room sinks, to aid in standardizing exam rooms – eliminated.
- Add a “Hopper” (bedpan cleaning sink) for nurses in the Infirmary – eliminated.
- Custom Lab, Nurse Stations and Pharmacy casework – eliminated. Modular furniture that is flexible and adaptable to KC ergonomic standards will be purchased instead by FMD using existing purchasing contracts.
- Upgrade lighting in the dayrooms of 7-North housing units - eliminated.
- Roof-top green space on the new 7-Upper addition– eliminated due to costs and need for exhaust ventilation for Infirmary upgrades.
- Postponed WWing roof resurfacing (major maintenance project) which will be largely unnecessary given the new Administrative office construction.
- Administrative space on 7-West (the new upper floor) was reduced in scale during each design review phase to reduce the total project costs. The current design maximizes the use of the existing structural system below; utilizes the existing mezzanine walkway and elevators for access and conforms to the 2004 KC space standard recommendations. It should be noted that there are no exterior windows in three offices on the north wall of this addition, since the exterior wall abuts the skybridge.
- 7E and 7S lofts were eliminated and were replaced with a more cost effective plan (new floor slab within existing two story space).
- Subdivision of current cells on the 7<sup>th</sup> floor housing units – eliminated.

\* Value Engineering (VE) was developed at General Electric Corp. during World War II and is widely used in industry and government, particularly in areas such as construction and healthcare. VE is defined as "an analysis of the functions of a program, project, system, product, item of equipment, building, facility, service, or supply of an executive agency, directed at improving performance, reliability, quality, safety, and life cycle costs." The purpose of the Value Engineering is to reduce cost without reducing product or process performance. (retrieved from the internet, Department of Defense, Value Engineering Program, on 3/1/06)