**Design Analysis**

**REPAIR (SUS) REPLACE NATURAL**

**GAS COMPONENTS**

**NKAK 20-1032**



**Air Mobility Command**

**LITTLE ROCK AIR FORCE BASE**

**ARKANSAS**

**Prepared By**

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The primary goal of this project is to replace the natural gas system above ground components including, but not limited to regulators, meters, piping, and pipe fittings. All new and existing meters will either be addressable via campus energy system or have the capability of future connection with the addition of future electrical meter and transponders; meters provided will have a digital readout with an integral transducer. Drawings will include the removal of the abandoned natural gas vault and replacement of steel gas piping and at the softball field. In addition, an existing valve at B834 is stuck in the “open” position. This valve will be removed and replaced with a new polyethylene (PE) valve. The new 6” gas main will be connected to the adjacent 6” with appropriate valves allowing for redundant service pathways. Below is a map showing locations to receive work.

