



Chicago Animal Care & Control (David R. Lee Animal Care Center)

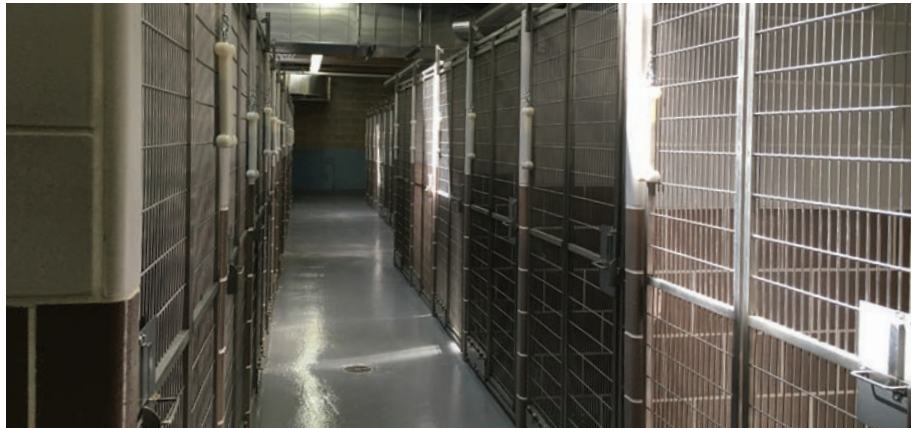
**ASHRAE
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Consultant

Primera Engineers, Ltd.

Owner

City of Chicago



The Lee Animal Care and Control Facility houses over 500 animals, many of which have been taken from the streets to give proper care, in separate kennels. Primera Engineers was contracted to perform a comprehensive study and assessment of the existing HVAC system, which investigated the filtering, ventilation, and existing pneumatic controls for each air handler.

Based on the results of the study, Primera designed the upgrade of a majority of the mechanical and temperature controls systems to improve the air quality and comfort in the building while also providing clean, odorless, and uncontaminated air into each of the individual kennels. Primera's innovative Energy Efficiency design involved Energy Recovery Wheels, Dynamic V8 Electronic Filters, Aircurity Optinet System, and Chillers. The living conditions for the animals are greatly improved with the implementation of the new HVAC system.

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