Domestic Water Heater Replacement
NW Regional Youth Center
(Kansas City, Missouri)

OWNER: STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR
DEPARTMENT OF
SOCIAL SERVICES
DIVISION OF YOUTH SERVICES
PROJECT MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION

DESIGNER: Lankford Fendler + associates
PROJECT NUMBER: H1905-01
SITE NUMBER: 7703
ASSET NUMBER: 8877703004
1. Remove existing storage tanks, accessories, and piping.

2. Remove existing water heaters, accessories, and piping. Cap remaining piping and prepare for reconnection, re: new work.

3. New ASME storage tanks, Lochinvar RGA0257. Install per manufacturer's recommendations.

4. New gas fired water heaters, re: detail. Install heaters and all required fittings and accessories per manufacturer's recommendations. Connect natural gas piping with gas cock, dirt leg, and union. Route drain line to nearest existing floor drain and indirect waste.

5. Connect to existing natural gas piping of equal or greater size.

6. Remove existing vents thru wall. Patch penetrations to match existing.

7. Route PVC intake/vent piping to concentric wall vent. Install per manufacturer's recommendations.

8. Install concentric vent in exterior wall.

9. New water softener, installed on existing housekeeping pad after demolition of existing equipment. Provide with bypass per manufacturer's recommendations. Route drain line to nearest existing floor drain and indirect waste.

10. Remove existing expansion tank and all accessories.

11. Remove existing circulation pump and all accessories.

12. Coordinate location of mixing valve with existing roof access ladder.

NEW EQUIPMENT AND PIPING SHALL BE COMPLETELY INSTALLED AND READY FOR CONNECTION TO EXISTING PIPING BEFORE DEMOLITION OF EXISTING EQUIPMENT TAKES PLACE TO MINIMIZE INTERRUPTIONS AND MAINTAIN HOT WATER SUPPLY TO FACILITY.