Portfolio of Past Work Completed

1. **Installing Commercial 199k BTU Power Vent Water heaters - $34,000**
    - We will drain down the old unit. Cut out the hot and cold 1¼ inlet connections. Disassemble gas, PVC flue, and electrical. We will remove the old unit and haul it off of the property. We will prep the area for the new commercial grade heater. Once in place, we will install a new flue. Hook up the gas and electricity. Install new 1½ dielectric unions on both hot and cold inlets. We will install a new temperature gauge and vacuum relief valve. A new 5 gallon expansion tank will also get installed. Once finished, we will pressurize and check for any leaks. We will make sure the heater is functioning properly.

2. **Pure Living Recovery and Rehabilitation Center - $31,241.94**
    - D.W.V. and water rough in
        - The building has a bunch of illegal water and drain line code violations. We will need to cut out all sharkbite fitting within the wall. Illegal PEX B fittings of the water system. We will cut out all the illegal water lines. Install new hot and cold water to all fixtures in the building. We will use all code approved PEX A expansion fittings. We will install shower valves with the proper 12 in air chambers. We will need to install clean outs in the bathroom groups. Cut out all illegal PVC fittings. We will install new PVC to the½ bathroom near the front entrance. We will need to install a 3 tier sink and grease trap. We will need to jack hammer and install a new 3in drain to the kitchen area. We will have a hand wash sink going into that stack. We will install rough in the drain vents and waste for all 3 bathrooms. We will install sinks, urinals, showers, and laundry. Everything will be up to code and approved by the state inspector
    - Upgrade water service
        - We will need to upgrade the water service to 2in poly line. We will bring it into the front of the building. We will jackhammer and dig below the foundation. Excavate from building to meter. We will hook the new line up to the existing meter. Install an isolation valve and test before backfilling
    - Replace Toilets and lids

3. **Whole house water repipe and water heater replacement - $22,784.73**
    - Water line damage repair
        - Estimate for Main Water Leak Repair and Drywall Replacement Scope of Work: 1. Leak Detection and Repair: Locate the source of the main water leak, which is situated at the top of the wall between the garage and basement. Upon identification of the leak, the affected section of the ¾” cold water main will be replaced throughout the home. 2. Plumbing Replacement: Replace the entire ¾” cold water main within the home to ensure consistent water flow and prevent future leaks.

Replace the main isolation valve to allow for easy shut-off of the water supply. Replace the pressure reducing valve (PRV) to regulate water pressure and prevent damage to the system. Reconnect the plumbing to the existing silcock (outdoor faucet). Repiping of the water line to the water heater will also be performed to ensure proper water distribution. 3. Drywall Work: Remove all drywall on the garage side of the wall where the leak is located to allow access to the plumbing. Dry out the affected area to prevent mold or mildew growth and ensure a dry, safe environment for repairs. Once the area is completely dry, new drywall will be hung to replace the removed sections. The new drywall will be mudded, taped, and smoothed to provide a finished appearance ready for painting. Included in Estimate: Labor for plumbing and drywall repairs. Materials for new water lines, valves, drywall, mud, tape, and finishing supplies. Exclusions: Any additional repairs not specified in the scope of work, such as damage to other areas outside the immediate work zone. This estimate outlines the necessary repairs and replacements to restore both the water system and drywall to full functionality.

- 50 Gallon Electric Water Heater Installation
    - Estimate for Water Heater Replacement Scope of Work: 1. Water Heater Replacement: Remove and dispose of the existing 40-gallon electric water heater. Install a new 50-gallon electric water heater to ensure increased hot water capacity. 2. Plumbing Modifications: Install proper dielectric unions to prevent corrosion between dissimilar metals in the plumbing connections. Install a tank tee with an expansion tank, as required by code, to protect the water heater and plumbing system from excessive pressure buildup due to thermal expansion. 3. Electrical and Safety Considerations: Ensure all electrical connections meet code requirements for the new 50-gallon water heater. Verify the water heater's proper installation, including wiring, thermostat settings, and safety checks for proper functioning. Included in Estimate: Labor for removal, installation, and necessary plumbing modifications. Materials for dielectric unions, expansion tank, tank tee, and other necessary plumbing parts. Disposal of the old water heater. Exclusions: Any additional electrical or plumbing upgrades that may be needed beyond the scope of the water heater replacement. This estimate outlines the full scope of work required to replace the existing 40-gallon electric water heater with a new 50-gallon unit, in compliance with all applicable codes and regulations.
- Shower drain repair
    - Estimate for Shower Drain Replacement Scope of Work: 1. Drain Removal and Replacement: Remove the existing leaking 2-inch shower drain. Install a new brass, no-caulk shower drain to ensure a secure, leak-free connection. 2. Plumbing Modifications: Install a new 2-inch P-trap to provide proper drainage and prevent sewer gases from entering the living space. Connect the new P-trap to the existing plumbing system, ensuring a tight, leak-free connection. 3. Inspection and Testing: Inspect the new drain and P-trap installation for proper alignment, flow, and functionality. Test the system for leaks to ensure a fully operational shower drain. Included in Estimate: Labor for removal, installation, and plumbing connections. Materials for the new brass no-caulk drain, 2-inch P-trap, and necessary fittings. Exclusions: Any additional plumbing work or repairs outside of the specified drain

replacement. This estimate covers all necessary work to replace the leaking shower drain, install a new no-caulk brass drain, and ensure proper drainage with a new P-trap.

4. Cast Iron Drain Lines replaced and installation of cleanout on exterior of home - $16,694.00

- Cast iron drain replacement in concrete
    - We will cut and jackhammer an approximate 10 ft area. We will remove the concrete and dig down 2-3 ft to expose the old faulty cast iron drain line. Once fully exposed, we will then cut out the bad section of cast iron and replace it with schedule 40 PVC. We will use all the proper fittings to connect back to the cast iron. Once replaced and tested, we will back fill and pour new concrete.
- Cast iron drain replacement in concrete
    - We will cut and jackhammer a small area around the exposed broken pipe. We will remove the concrete and dig down to expose the old faulty cast iron drain line. Once fully exposed, we will then cut out the bad section of cast iron and replace it with schedule 40 PVC. We will use all the proper fittings to connect back to the cast iron. Once replaced and tested, we will back fill and pour new concrete.
- Install outside clean out
    - We will excavate down approximately 9 feet to uncover the existing sewer lateral. Once exposed, we will cut and install a new 2-way tee and stand pipe to grade. We will lay a rock base to make sure the sewer does shift or sag. Once installed and tested, we will backfill the trench with dirt. Not responsible for yard restoration.

5. 12’ Deep Emergency Sewer Repair - Major Utilities Requiring Hydro-Excavation - $50,767.73

- Emergency Sewer Lateral Repair – Depth 12’ with Utility Obstruction & Storm Drain Conflict Job Site Conditions: Sewer lateral is located at the edge of property, 12 feet deep, and extends into the public right-of-way. A new utility service was installed directly through the middle of the sewer lateral, causing full obstruction. Three major utilities (electric, gas, telecom) run through the work zone. A large 4-foot concrete storm drain runs perpendicular to the repair site, making traditional excavation impossible above or around it. We must use hydro excavation to safely expose and navigate around the utilities and storm drain. A section of public sidewalk must be removed and replaced. A custom-designed shoring box is required to work beneath the storm drain without undermining it. We must excavate a 20-foot section of the utility line, temporarily remove or lift it to access the sewer lateral. The crew must tunnel under the street, requiring hand-digging in a highly confined and reinforced space.
- --- Scope of Work: 1. Mobilization & Utility Coordination Emergency utility markings and site evaluation. Coordinating standby crews for utility protection. 2. Sidewalk Removal Sawcut, jackhammer, and haul away 5’x5’ section of sidewalk. 3. Hydro Excavation 32 hours of precise excavation around live utilities and under concrete storm drain. Dumping of hydro-

vac slurry at approved facility. 4. Shoring Installation Install standard trench shoring per OSHA for 12' excavation. Fabricate and install a custom shoring box under storm drain to safely work beneath the structure. 5. Sewer Lateral Exposure & Tunneling Locate sewer lateral and confirm damage. Tunnel under street approx. 6-8 feet to reach connection point. 6. Utility Line Exposure & Lift Carefully excavate 20' section of utility line interfering with lateral. Coordinate lifting or suspension for clearance. 7. Sewer Lateral Repair Remove damaged clay pipe. Install new SDR 26/35 or equivalent, approx. 20 ft. Secure connections with proper Ferncos or mission bands. 8. Backfill & Compaction Backfill with 1” clean rock, compact in lifts. Restore soil layers and regrade. 9. Sidewalk Replacement Form and pour new 5’x5’ section with broom finish. City inspection included if required. 10. Final Cleanup & Demobilization Remove equipment, safety signage, debris. Leave the site clean and safe. --- Estimate Breakdown Item Description Quantity/Hours Rate / Unit Total Hazardous Site Condition Charge Flat Rate - $3,000.00 Emergency Labor (4 men x 54 hrs) 216 hrs $135/hr $29,160.00 Hydro Excavation 32 hrs $325/hr $10,400.00 Hydro Excavation Dump Fees 3 loads $215/load $645.00 1” Clean Gravel for Backfill 10 tons $42/ton $420.00 Shoring (Standard + Custom Build) Flat Rate - $4,280.00 Parts & Materials Pipe, bands, concrete, forms, fittings - $2,862.73 --- Subtotal: $50,767.73

- --- Work Difficulty & Risk Summary: Confined space work at 12 feet deep around live major utilities poses extreme safety challenges. Storm drain obstruction requires under-structure tunneling, which increases risk to both the workers and infrastructure. Custom-engineered shoring boxes are necessary—this adds to both labor intensity and safety protocols. Hydro excavation is the only safe method to uncover the work area without damaging surrounding infrastructure. Coordinating around multiple utility providers and dealing with unforgiving underground environments makes this job highly labor-intensive, extremely hazardous, and technically demanding.