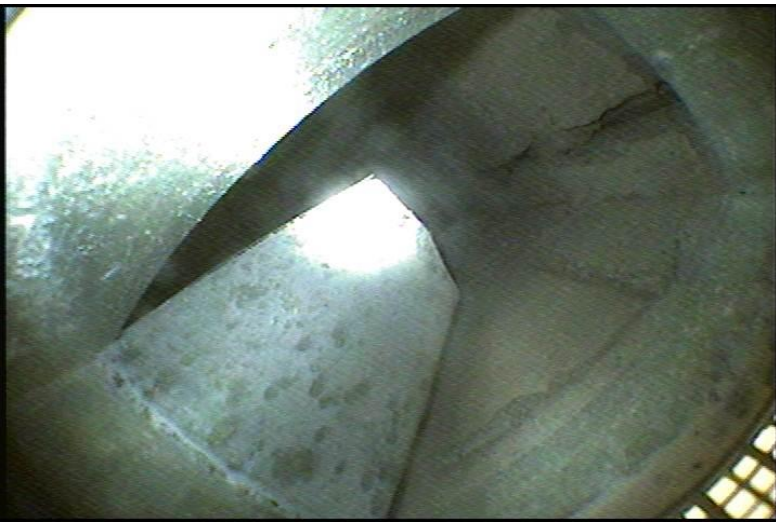
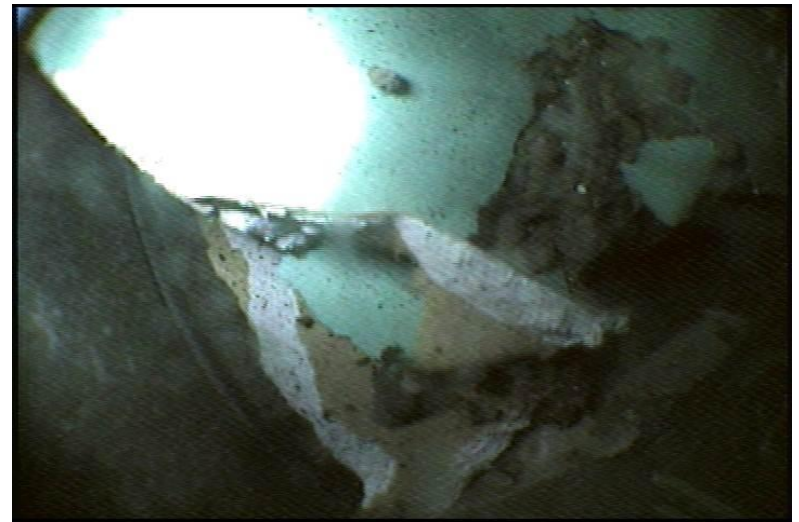


Photos of Findings and Fixes During the Central Exhaust Shaft Weatherization Process

1st Step Shaft Inspection



Open Bottom



Blockages



Dirt & Debris

Step 2 Vent Cleaning, Sealing & CAR Installation in Apartment Vents



Dirty Vent



Dirty Damper



Dirty Boot



Dirty Vent Lateral at Bottom of Shaft "Before"



The Same Lateral "After".



Exhaust Shafts are Often used as a Convenient way of Disposing of Debris During Construction

Solving a Problem by Getting Creative



Large Vent Cut into Wall Complete Disconnect from Main Exhaust Shaft Had to be Boxed in then sealed



Problem Solved – A Louvered Vent was Placed Over the Repair w/ the Louvers Facing Up Covering Repair



Tenant Blocked Vent



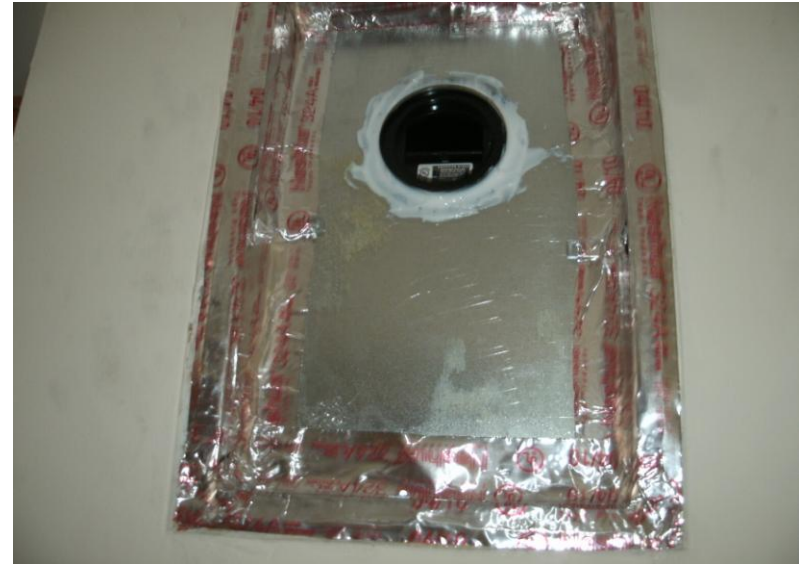
Board Removed



Large Gaps Around Vent Boot



Sealing In & Around Vent Boot



CAR Installed & Sealed



Vent Cover Replaced and Sealed Over w/ Plastic to Prevent Dust Intrusion During Shaft Cleaning

Getting Ready on the Roof for Shaft Cleaning & Sealing



Fan Removed, Setting Up Computer & Camera & Robotic Controls and Access / Control Ducting Installed



Shaft Cleaning in Progress



Shaft Cleaning In Progress



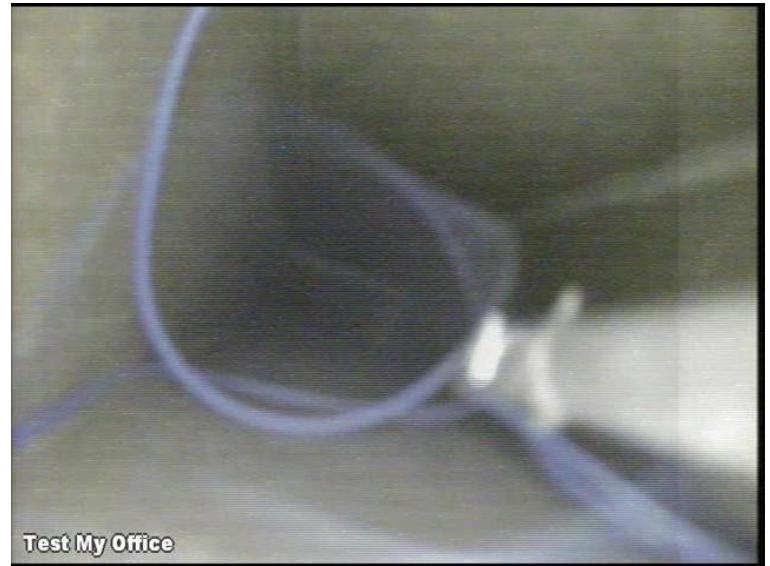
Creative Approach for Cleaning & Sealing Shaft w/ Short Lateral



Creative Approach for Cleaning & Sealing Shaft w/ Slightly Longer Lateral



Very Dirty Shaft "Before" Cleaning



Air Whip Vigorously Cleaning Shaft after Several Passes



Clean Shaft "After" Cleaning



Robotic Sealing of Duct Connection Joints



View Under the Fan "Before" Sealing



View Under the Fan "After" Sealing