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- USING **VARITRANE DUCT DESIGNER PROGRAM**
- NEW CONSTRUCTION or RETROFIT
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JOHN V REINTS PE LLC

817 DORKEN LANE, DEKALB, ILLINOIS, 60115

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30 YEARS INSTALLATIONS, OVER 5,000,000 SF AND 12,000 TONS DESIGNED STATIC REGAIN



8 DROPS FROM 90 TON AIR HANDLER AT A SURGERY CENTER

@ www.staticregain.net

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The following is a brief description of the work for which I have provided personal value engineering or full PE design, project management and contract management using **Static Regain Ductwork Design**

TECHNICAL

Motorola Pine Meadows, Libertyville, IL: 3-story office building, 90,000 SF, with 300 tons DX RTUs, **static regain distribution** to Data & Tech Center using air column/raised floor pressurization and FPBs, full kitchen and dining system (9000 sf): **\$995,000**

Pacific Garden Mission, Chicago, IL: 100 panel solar array for pre-heating 8,000 gpd of hot water for domestic use at new mission with glycol, heat x, pumps and controls along with complete Mammoth 200 Ton Penthouse HVAC and **static regain distribution** for 150,000 sf mission: **\$2,900,000**

Lake County Press, Waukegan, IL: 60 ton A/C Press Room make-up air unit with full steam positive pressure differential through **static regain distribution**. Added on a two-story office, 23,000 SF addition with 85 tons of A/C with steam humidification: **\$290,000**

RETAIL - COMMERCIAL

USPS Office Busse Rd, Elk Grove Village, IL: Rehab/Remodel of Sears Catalog Facility using spiral **static regain distribution** constant volume for 190,000 gsf facility: **\$890,000**

Homeland Security, Ohare-Rosemont, IL: 3-Story, 60,000 gsf Hi Tech Office Building using multiple DX RTUs, **static regain distribution**, Fan Powered Units with DDC Control: **\$690,000**

Lakeview Athletic Club, Chicago, IL: 35,000 gsf 4-story rehab of 1920's building using 135 tons of DX RTUs, **static regain distribution** to FPB Units with DDC controls, large indoor pool dehumidification system: **\$845,000**

AAA Office HQ, Aurora, IL: 2-Story, 78,000 gsf Hi Tech Office Building using 200T DX RTUs, **static regain distribution**, Fan Powered Units with DDC Control: **\$1,950,000**

MEDICAL & LABS

Delnor Hospital, St. Charles, IL: 245,000 gsf Ventilation system completed for Northwestern Industrial. The system was engineered and converted to **static regain distribution** flat oval spiral to fan powered boxes with full built-up vaneaxial AHUs: **\$3,500,000**

Rush Copley Hospital, Aurora, IL: 250,000 SF teaching hospital, engineered and converted to flat oval, high velocity **static regain distribution** to 300 VAVs & FPBs from 7 central stations: **\$2,900,000**

ACL Core Labs, Rosemont, IL: 25,000 gsf full medical lab with 400 tons Chilled Water redundant units through **static regain distribution** to 120 air valves for pressurization for full contagious disease testing lab including tuberculosis. Multiple lab hoods and exhaust system through air valves to fiberglass high-velocity induction exhaust fans: **\$2,220,000**

Cornerstone Medical, Warrenville, IL: 48,000 gsf medical office building with 150 tons RTUs using **static regain distribution** to 69 fan powered boxes. **\$1,490,000**

Salt Creek Surgery Center, Westmont, IL: 21,000 gsf surgery center with 60T RTU using **static regain distribution** to 23 fan powered boxes. **\$749,000**

Dupage Medical Surgery Center, Oak Brook Terrace: 17,000 gsf surgery center with 105T RTU using **static regain distribution** to 33 fan powered boxes. **\$1,385,000**