

PERSPECTIVES

2004 NEWSLETTER (Issue 1)



THIS IS THE INAUGURAL ISSUE OF PERSPECTIVES,

the newsletter of Colarelli Construction. The purpose of this publication is to share information with you about our clients and the goings-on in their industries. In so doing, we will strive to focus on how these clients and their industries affect you and your organization.

One thing we won't do is bombard you with tons of information. Perspectives will always be short and sweet - three or four articles at the most. We understand your time is valuable, so we won't bore you with our birthdays, anniversaries or our employee of the month. Moreover, this publication is about our clients, not us. So, we will not list current projects or new hires either. Enjoy!

TAKING A BITE OUT OF INNOVATION



If you are thinking about improving your smile, you should know that many new advancements in dentistry offer safe and affordable choices today that were not available or affordable just a few years ago. You may already be aware that today you can enhance your smile in just one to two dentist visits by utilizing new treatments such as teeth whitening, bonding, porcelain veneers, cosmetic contouring, non-metal inlays and crowns. But this is just the start of a long list of current innovations that have dramatically changed dentistry in recent years.

One local dentist who is demonstrating great achievements with the industry's new technologies is **Dr. Paul Dodsworth of Northgate Dental**. Dr. Dodsworth brings 25 years of experience, plus post-graduate degrees in anesthesia and sedation, along with specific training in cosmetic dentistry to his practice. Dr. Dodsworth's practice is so advanced that he has had to recently construct new treatment facilities in order to best accommodate the industry's new developments. When asked about this commitment to invest in improved treatment techniques, Dr. Dodsworth



comments, "In a field as progressive as dentistry, new enhancements present continuing challenges. Revolutions in techniques and materials are commonplace, and our team regularly devotes hours and days making sure that we are in the vanguard, providing you and your family with the best and the latest that dental research has to offer, from preventive dentistry to aesthetic dentistry. How you look affects how you feel. Often, new and simple treatments may produce dramatic and wonderful results."

Northgate Dental opened in December of 2003, armed with the latest in computerized and digital dental technology, not to mention LCD screens for individual patient viewing during their exam. Located on Voyager Parkway at Middle Creek in the new Village at Northgate, the facility is state of the art with advanced diagnostic and treatment systems not available just a few years ago. Just a few of these new technologies include:

“Our new office was designed to continuously incorporate new technology that provides a significant benefit to our patients. These technologies allow dental treatment to be more effective, faster, and less uncomfortable for most patients. Their use is markedly changing the way how dentistry is practiced and patients are treated.”

Introaral Camera – This is a valuable piece of equipment that allows the patient to see specific areas of concern in their own mouth which is magnified 30-40x on a monitor. This helps Dr. Dodsworth and the patient in co-diagnosis and treatment.

Plasma Arc Light – This piece of equipment helps by increasing greatly the speed of curing resin (bonding material) to the tooth structure. The benefit to the patient is less time in the chair. With the



light, we can whiten teeth in office in 40-50 minutes.

Ligamaject – With this piece of equipment we can numb a specific tooth or teeth, often eliminating numbness of the lip, face and tongue. The benefit to the patient is you don't have the numb feeling so you can get back to work or other activities.

Non-metal crowns, on lays and inlays – The benefit to the patient is conservative tooth or teeth preparation (less drilling);

also no chance of metal allergies or reactions; no dark lines or shadows - natural looking smile.

Ultrasonic cleaning machine – The benefit to the patient is that we can remove tarter quickly without all the constant scraping and tugging by the hygienist or dentist. Less discomfort and less time in the chair.

Digital X-Ray “Low Dose X-Ray” – Dr. Dodsworth uses digital X-ray which requires up to 90% less radiation per film than a usual x-ray and the image is presented on the monitor screen in just a few tenths of a second after exposure. Further, he uses an electronic sensor that captures the x-ray and sends it to the computer. Using this technology, they can then zoom in on a certain portion of the image, change the density or color, and manipulate the image in any number of other ways to increase the amount of information that you can get from the x-ray, all that within seconds.

New Antibiotic Gels (Atridox) – provide a potential alternative to surgery for controlling periodontal disease.

THE SCOOP ON NEGATIVE PRESSURE



WHAT IS IT?

One of the most common problems with modern buildings is negative pressure. That is, there is a partial vacuum in the building with respect to the outside. Negative building pressure is indicated by a number of symptoms:

- Outside doors that swing out are hard to open
- Outside doors that swing in tend to stay open
- Strong drafts around partially open doors, windows, or cracks in walls
- Dirt and dust from the outside collects on interior surfaces

Negative building pressure is caused by not balancing exhaust air with an equal or greater amount of forced ventilation or makeup air.

WHY IS IT A PROBLEM?

Ventilation or make-up air can be introduced through a furnace, air handling unit, or packaged heating and cooling unit, or through a dedicated make-up air unit. Generally, the symptoms listed above will be eliminated if the amount of forced ventilation or makeup air exceeds the amount of exhaust air by approximately 10%.

In fact, the amount of outside air entering a building is always equal to the amount of inside air being exhausted. If the amount of exhaust air is greater than the amount of ventilation air, additional outside enters the building through cracks, flues, doors, windows, and other openings, in the form of infiltration. If



the amount of exhaust air is less than the amount of ventilation air, air leaves the building through cracks, flues, doors, windows, and other openings in the form of ex-filtration.

Infiltration is the cause of drafts - cold in the winter, hot in the summer. Infiltration is aggravated by strong winds. On the windward side of a building, wind pressure increases infiltration; on the leeward side, it reduces infiltration. The result is more noticeable drafts on the windward side of the building.

HOW CAN IT BE FIXED?

It is virtually impossible to control exhaust and ventilation so that building pressure is exactly equal to the pressure outside, or to maintain neutral building pressure. And, of course, it is impossible to control the wind, which adds to or subtracts from building pressure. In tall buildings, another phenomenon, the stack effect, further complicates matters.

Of the two conditions, negative building pressure and positive building pressure, positive pressure is preferable. Positive

pressure causes ex-filtration, which has fewer unpleasant symptoms.

In some cases, a negative building pressure condition can be cured by simply balancing the existing system. In other cases, additional equipment must be installed. Today, state of the art building control systems can control building pressure much more accurately than was possible even a few years ago.

COLORADO SPRINGS DOWNTOWN PARTNERSHIP



We at Colarelli Construction are supporters of the partnership, and we wanted to share with our readers the importance of this organization.

The Downtown Partnership was primarily responsible for updating zoning restrictions and addressing parking concerns in recent years, making the downtown area a more appealing locale for businesses and merchants. In essence, they brought new life to the area, focusing attention to locally owned businesses within the heart of the city.

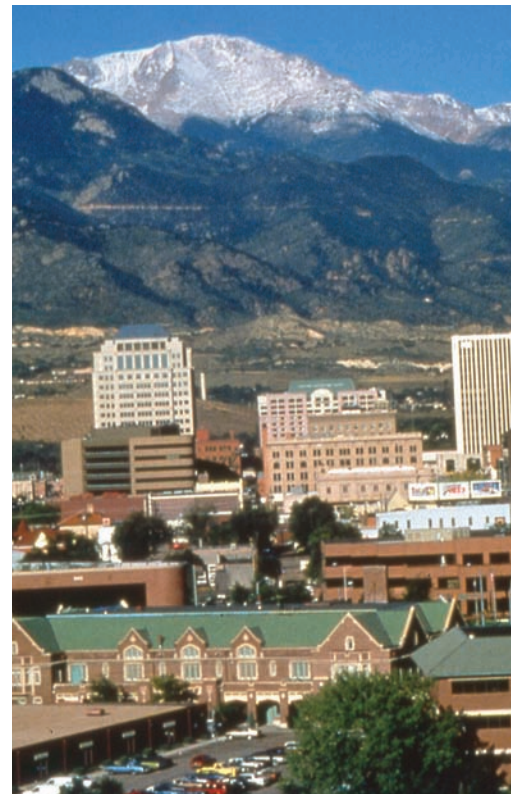
Why the focus on downtown? Downtown areas used to be the heart of communities, but with the rapid and expansive growth most cities experience, they lose that sense of gathering and community that was once present. The Downtown Partnership serves to make our downtown area a place for the community as a whole to come together.

The Partnership is setting its sights on further developing retail in the downtown area in the coming year. Attracting more traditional stores and retail venues will bring more visitors to the downtown area. The Partnership is reshaping an existing retail committee

to develop its focus to include issues that affect downtown businesses.

In addition, The Partnership remains focused on the Downtown Convention Center. Currently still in planning, bringing the convention center to fruition has been in the spotlight, and certainly continues to be. The Partnership spoke in support of the plan at a recent City Council meeting. The presentation was received very well and City staff was authorized to work with the task force on the finance plan.

Currently there are approximately 65 restaurants and diners throughout the downtown area, with almost 40 retail stores. Many businesses preside in the area, which has been enhanced with new walkways, benches, sculptures and more. If it's been a while since you strolled the streets of downtown Colorado Springs, we urge you to come check it out. You won't be disappointed!



THIS INFORMATION AND MORE IS AVAILABLE AT:

The Downtown Partnership, 22-1/2 South Tejon Street,
Colorado Springs, CO 80903.

You can contact The Downtown Partnership at:

Phone: 719.886.0088

Web: <http://www.downtowncs.com/index.htm>

WONDERING WHAT'S NEW AT COLORADO SPRINGS UTILITIES?



In the middle of winter, it is all too easy to forget about watering schedules, the drought, and other factors like the rate increases many of us have heard about. Spring will be here before we know it, so we thought we would check in with Colorado Springs Utilities and get the latest on these issues.

If the recently filed base rate increase is approved (filed December 9, 2003), we will see increases in our utility bills effective February 1, 2004. The average household will see less than a \$10/month increase, yet this will provide

funds for infrastructure improvements, security of operations and systems, and more. These improvements will benefit the entire community in the long run and will enable Colorado Springs Utilities to continue their efforts to keep rates low, offer rebates for installing new energy and water-efficient appliances and fixtures, provide energy efficiency profiles and other programs.

As for the drought and watering schedules, the following applies through April 14, 2004: Residential customers may water for a maximum of three hours per day on their designated watering day (Sunday for even addresses, Saturday for odd addresses). Commercial customers may water on Fridays for 20 minutes per zone or area for pop-up fixed spray sprinklers and 45 minutes per zone or area for pop-up rotary type sprinklers.

Outdoor water schedules after April 14, 2004 have not yet been determined. For more information on rate changes and Spring water schedules, or tips on how to conserve water and energy, visit the Colorado Springs Utilities website at www.csu.org.



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