

Giving Back to the Community

Operation Christmas Child

GH Phipps' employees volunteered to help with Operation Christmas Child's National Collection Week. Every year, people across the world pack shoe boxes with gifts for needy children.

Shoe boxes are filled with school supplies, toys, necessity items and a note of encouragement for children overseas suffering due to disaster, disease, war, terrorism, famine and poverty.

In 2011, more than 8.6 million shoe box gifts were collected internationally from the United States and 10 other countries. Since 1993, more than 94 million gift-filled shoe boxes have been distributed to children in more than 130 countries worldwide.

Approximately 1,000 volunteers helped throughout the week to prepare an estimated 700,000 gift-filled shoe boxes at the Aurora, Colorado warehouse, one of seven such sites across the country.



GH Phipps' Victoria Hatfield and Michelle Burghardt pack gifts in shoe boxes for Operation Christmas Child's National Collection Week.



Safety Update

Last March, GH Phipps hit a milestone 1,000,000 hours with no Lost Time Accidents (LTA).

We have continued our strict adherence to safety guidelines and have now surpassed 1,500,000 hours with no LTA.

An LTA is a specific reportable event, whose standards and criteria are set by the Occupational Safety and Health Administration (OSHA). An LTA involves a work-related incident that requires an employee to miss time from work.

GH Phipps revamped its incentive program for safety milestones as well as ramped up safety meetings and

risk/safety analysis for specific jobsite activities to make sure a safety culture is ingrained in all personnel.

GH Phipps' interactive Healthcare Construction Training has also been instrumental in helping us to reach this new milestone. Launched in early summer 2011, this multilingual training ensures that critical information is absorbed when working on healthcare construction projects.

GH Phipps recognizes that our employees are the biggest asset to the organization and we consistently strive to provide a safe workplace.

Preconstruction Center Spruce Up

In 2009, the Colorado State University Industrial Sciences Building was renovated into a new Preconstruction Center for the Department of Construction Management. The \$5 million project was sponsored by 170 companies and organizations including GH Phipps.

The main study area and coffee/break room was spruced up by GH Phipps employees and a few student volunteers. New furniture and warm paint colors created a more inviting space for students to gather, study and get a snack. An LCD screen was installed to relay campus announcements and activities.

GH Phipps applauds the university's

vision for creating a state-of-the-art facility that will produce tomorrow's construction workers and leaders.



GH Phipps employees and volunteers spruce up the main study area and coffee/break room.

Save the Date

We encourage golfers and sponsors to join us for GH Phipps 6th Annual Charity Golf Classic benefitting Safe2Tell® which will take place on August 20, 2012 at the Colorado Springs Country Club. The Club offers a mature, tree-lined golf course with magnificent views of Pike's Peak.



Join us for GH Phipps Charity Golf Tournament on August 20, 2012.

Safe2Tell®

Safe2Tell® is a 501(c)(3) not-for-profit organization providing school safety and prevention initiatives and opening the lines of communication between young people and adults, allowing them to report concerns for their safety or the safety of others in a way that keeps them safe.

Safe2Tell® is a simple and yet profound solution for school and community safety. For more information about Safe2Tell®, visit www.safe2tell.org.

To contact GH Phipps Construction Companies, call 1-877-5PHIPPS or visit www.GHPhipps.com

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PHIPPS NEWS

GH Phipps
CONSTRUCTION COMPANIES

GENUINE PEOPLE *Genuine Progress*

Spring 2012 Volume 11

Children's Hospital Colorado Topping-out Milestone for East Tower Expansion

Children's Hospital Colorado celebrated a milestone and commemorated the placement of the last beam atop the East Tower expansion.

The hospital collected more than 1,000 signatures on the final beam from hospital staff, patients and patient families, and construction workers. The final beam was hoisted to the top with an evergreen tree and two flags.

The new 10-story, \$230 million East Tower project is being constructed by the joint venture team of GH Phipps, McCarthy Building Companies, Inc. and Balfour Beatty Construction in conjunction with design partners H+L Architecture and ZGF Architects LLP under an Integrated Project Delivery tri-party agreement.

The new patient tower connects to the existing Children's Hospital Colorado facility which was built by the same team. Once complete, it will adjoin to the existing hospital on the north face of the outpatient building and the east face of the hospital building.

Detailed coordination and safety has been paramount so as to minimize construction impact to one of the nation's most outstanding pediatric hospitals while striving for a short 22-month construction schedule, accomplished by working 7 days a week and 12 hour days. From the schedule set two years ago, the final concrete pour was on schedule to the day.

The East Tower project is pursuing LEED™ certification. The team is recycling metal studs, drywall, concrete and cardboard as well as using recycled steel rebar and studs. Additionally,

exterior lights are on timers for conservation and regional materials are being used wherever possible.

Weekly meetings are held with the hospital staff and the rest of the team to review details of construction activities. Because the project sits on a tight sight in a congested area, coordination with subcontractors includes constantly updating schedules of on-time deliveries, truck access, coordinated street shut-downs, pedestrian and street traffic patterns, and who can use cranes at what time for hoisting materials to the upper floors.

The team also worked together to create rated construction separation walls to be used as temporary enclosure walls where the new tower joins the existing building. A thermographer used infrared on the connection to make sure it was air and weather tight.

The team is using Bluebeam document control (more about Bluebeam can be found in this issue) for collaborative document management. Mobile kiosks in the field enable all field staff to have access to the most up-to-date drawings and RFIs.

The new patient tower will increase the number of beds at Children's Hospital Colorado at the Anschutz Medical Campus to nearly 500, and increase the facility's footprint to 1.79 million square feet. It is expected to be finished by late 2012.

The East Tower will be home to specialty services including The Colorado Institute for Maternal and Fetal Health, the Center for Cancer and Blood



Disorders, Digestive Health, Heart Institute, Orthopedics and rehabilitation, Neuro Sciences, Solid Organ Transplantation, Neonatal, Pediatric and Cardiac Intensive Care Units.

Simultaneously, additions are underway on the west side of the Hospital for the Neonatal Intensive Care Unit (NICU) and the Pediatric Intensive Care Unit (PICU). With such delicate patients, a

customized platform was fabricated to bring materials in from the exterior and not through the inside hallways of the hospital. Rated separation walls protect the opening where the platform gates meet the existing facade. Frequent coordination with nursing staff avoids any impact on patients from noise and vibration. The expansion helps fulfill health care needs for children throughout the region.

Community College of Denver Learning and Engagement Building

On January 12, 2012, Community College of Denver (CCD) broke ground for an 87,000 square-foot, four-story Student Learning and Engagement Building.

The ceremony featured comments by Denver Mayor Michael Hancock, CCD Interim President Cliff Richardson, Colorado Community College System President Nancy McCallin, OZ Architect Dave Schafer, and CCD Student Government Association President Shannon Ausfahl.



The Student Learning and Engagement Building will have LEED™ features, taking advantage of natural light, a green roof, chilled beam mechanical, radiant floors, light/motion sensors, low flow water fixtures and other energy saving

measures. Excel Energy has already deemed the Student Learning and Engagement Building an energy efficient building, warranting a \$100,000 energy rebate to Community College of Denver.

A warm fireplace will greet visitors in the Welcome Hall which extends up to a third floor roof garden with mountain views. This central hub adjoins classrooms, computer labs, testing centers, meeting facilities and faculty and administrative offices, providing

expanded educational and community opportunities. The Welcome Hall opens to an outdoor space designed to accommodate large classes and events.



Dr. Nancy McCallin, President of Colorado Community College System, greets well-wishers at the groundbreaking.

Kickoffs and Conclusions

Groundbreakings

Pueblo Community College College Center Expansion



With record enrollments, Pueblo Community College needed to renovate and expand its student center which is a one-stop area not only for admissions, financial aid and advisement, but also a fitness center, cafeteria, study lounge and information center.

GH Phipps will implement a phasing strategy to identify and coordinate critical activities for minimum disruption to the college's daily activities.

There also will be a renovated patio area and better access to the bookstore and culinary arts dining facility. The project also includes space for a child care drop-off, computer printing services and ATM services.

Colorado College El Pomar Athletic Center



Colorado College opened the El Pomar Sports Center 41 years ago. Student, faculty and staff have increased

requiring changes to the building. GH Phipps is working on the initial "Gateway" phase which is an addition of 11,000 square feet including office and team meeting space to the south of the existing El Pomar facility.

Denver Public Schools Slavens Remodel



The district identified overcrowding issues for Slavens due to demographic changes in the neighborhood. In order to meet the needs of students, GH Phipps was selected to build an addition which includes a cafeteria, kitchen, music/drama classroom and two general classrooms. Renovations include converting the auditorium and existing cafeteria into a media center and additional classrooms.

Completions

Denver Museum of Nature & Science Loading Dock

The North Loading Dock project improvements increase efficiency in the Museum's shipping and receiving functions by centralizing operations north of the main facility. It contains an underground connection to an existing utility tunnel. In addition, a pad for an emergency generator for the Museum's new addition and rough-ins for future connections to the existing tunnel were incorporated in this project.

Denver Health Montbello Clinic



GH Phipps was proud to be part of the construction team for this new 18,000 square-foot healthcare facility which houses a full pharmacy, four dental offices, a full lab, 19 exam rooms, and a women, infant and children program. The building showcases a high level of construction skills—from the masonry to the laminated timber design structure.

University of Colorado Denver Business School Renovations

The Business School building opened for students on Jan. 9, and consolidates six previous locations. Phase one included a \$15 million renovation of the entire building including enclosing and expanding the main lobby as well as installing a multi-level signature staircase in the center of the school.

Metropolitan State College Backfill Project

Buildings included in the backfill project are the Administration, Central Classroom, West Classroom Buildings, King Center, Art Building and Tech Building. Approximately 129,199 gross square feet of space within these buildings was repurposed, netting an increase in classroom space. GH Phipps coordinated the construction to minimize moves, noise, and disturbance to daily operations of the College, requiring a two-phased approach with numerous sub-phases in each.

Donor Alliance

Donor Alliance is a not-for-profit organization that facilitates the donation and recovery of organs for people needing transplants. GH Phipps renovated a Lowry neighborhood property to accommodate space needed as a result of growth in donations. The building was gutted and turned into three operating rooms and administrative offices. One of the critical components was coordinating data and emergency power to freezers used to store time-sensitive donations.

FedEx Ground Renovation

This distribution facility expansion in Henderson, Colorado required GH Phipps to install temporary access roads with highway plates over excavations to maintain access for FedEx at all times during construction. The project included office and warehouse additions along with extensions of existing HVAC, plumbing, fire protection, electrical and telecommunications systems.

University Hospital Rocky Mountain Gamma Knife Center

This 4,700-square-foot addition was built by GH Phipps as a center to house the 42,000-pound Leksell Gamma Knife Perfexion used for treating brain tumors. Two-foot thick concrete was used for the floor, walls and ceiling. The facility was built next to an existing eye surgery center requiring construction to stop for medical procedures.



GH Phipps is Celebrating 60 Years! 1952-2012 Honoring our Founder's Legacy is a Big Deal

GH Phipps is looking forward to celebrating 60 years, not just of building structures, but also the solid relationships with clients and the communities we work and live in.

To commemorate our anniversary, we will be hosting a year of celebration events, as well as continuing the Phipps' legacy of giving back to the community.

60 Charities, 1952 Hours

The Phipps legacy of philanthropy goes back to Lawrence Phipps, who was elected to the U.S. Senate in 1918. From his time as an industrialist, he had given nearly a million dollars — more than \$23 million in today's money — to charitable causes in Colorado.



Senator Phipps



Gerald H. Phipps

Son Gerald established Gerald H. Phipps, Inc. in November, 1952 and continued the legacy of giving back to the region, and that is still very much a part of who we are today.

In honor of our founders' philanthropic values, our employees will be volunteering 1952 hours for 60 charities as part of our recognition and appreciation

for what GH Phipps has accomplished since 1952.

Firsts Along the Way

As we look back over the years and the iconic projects we are proud to have built, we applaud our employees and partners who helped us become one of the largest general contractors in Colorado. We look forward to a prosperous future whereby we can continue to abide by our founder's vision.

In the early 1960's, largely to meet the growing complexities of construction, GH Phipps pioneered the development of the Construction Management/General Contractor (CM/CG) concept in Colorado, incorporating preconstruction phase services that included conceptual estimates, value engineering studies, life cycle cost analysis, fast track schedules, and early Guaranteed Maximum Price (GMP) estimates. While the term "Construction Manager" had yet to be coined, Phipps was a leader in bringing this idea to reality in meeting client needs.

GH Phipps was also a leader in developing healthcare construction safety awareness training, and as technology changes, we continue to review and enhance what we do to protect patients, healthcare staff and our employees.

In 1993 Gerald H. Phipps generously turned over ownership of GH Phipps to the employees via an employee stock ownership plan.

GH Phipps is committed to making a positive difference and we look forward to sharing our 60th with the community.



Bears Stadium



Sports Authority Field at Mile High



Mountain States Telephone and Telegraph Company



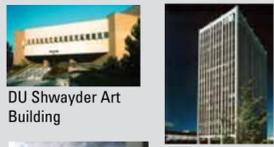
Colorado State University Diagnostic Medicine Center



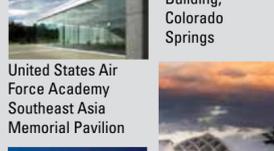
Children's Hospital Colorado



Craig Rehabilitation Hospital



DU Shwayder Art Building



United States Air Force Academy Southeast Asia Memorial Pavilion



State of Wyoming Joint labs



Denver Botanic Gardens



Denver Museum of Nature & Science Atrium

Awards

ACE Award for United States Air Force Academy Cadet Gymnasium Modernization

Project of the Year (\$5-\$15 Million) General Contractor

Congratulations to the United States Air Force Academy (USAFA) for the extensive phased renovations and upgrades to the Cadet Gymnasium, addressing changes in athletic education, building and system issues, LEED™ requirements and current building codes. The Cadet Gymnasium is used for physical education classes, intramural and varsity practice and competition.

The AGC (Associated General Contractors of Colorado) ACE Awards, held each year, picks the "best of the best" Colorado construction projects and firms.

GH Phipps overcame a number of challenges during the project including the discovery of lead based paint on existing long span joists that required abatement, using seismic/acoustic



sensors to locate leaks in the Olympic-sized swimming pool, dropping a divers jacuzzi-sized warming pool through the basement ceiling into an already packed mechanical room and implementing conveyor systems to remove the debris from the pool area, taking care to not impact hallways that were actively used by cadets, staff, coaches and faculty.

GH Phipps is proud of this project and its positive impact on a large USAFA population using the gymnasium.

Historic Preservation Award

The Historic Preservation Alliance of Colorado Springs recognized the University of Colorado at Colorado Springs' (UCCS) Heller Center with an Award of Excellence for Historic Civil Restoration during the Annual Historic Preservation Awards gala held at Bemis Hall on the Colorado College campus.

Now in its 10th year, this local competition recognizes outstanding restoration projects and compatible new construction projects in the greater Colorado Springs community.

Built in 1930 by Lawrence Heller, an artist and filmmaker, the house was constructed from adobe in the Pueblo Revival style. Today, it is learning space for UCCS providing a venue for diverse arts and humanities disciplines.

GH Phipps completed the renovation, addressing a number of safety issues to make it suitable for a public space.

The judges, architects and historic preservation professionals from outside of Colorado Springs, praised the renovation's adherence to architectural details and craftsmanship.



Technology Corner

Some construction projects generate thousands of documents. Bluebeam is an achievement in sustainable communication which enables a paperless project.

At GH Phipps we are utilizing Bluebeam to significantly improve the functionality of our electronic document sets.



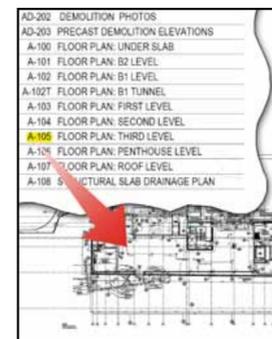
Bluebeam's software is designed for construction, architecture and engineering. It creates PDF documents that can be marked up electronically and sent in one click from anywhere there is internet connection. It allows project teams to better collaborate both within a company and between companies.

PDFs can be created from CAD or Windows files with the capability to add comments and notes directly to the file. It eliminates the process of marking up a paper drawing, scanning it to PDF and emailing it to the team.

Bluebeam's software includes industry standard markups and integrated tracking. It enables project documents to be reviewed and redlined in a light-weight, universal file format. It improves digital communication with all members of the project team and has been shown to reduce printing and distribution expenses and accelerate work processes.

Going Paperless with Bluebeam

Documents can be made available on jobsite kiosks, electronic plan tables, PCs or iPads via internet connection for instant access by all jobsite personnel. People have become accustomed to finding everything with the click of a mouse button and this includes navigating directly in a document. The hyperlink feature enables the ability to instantly connect relative information



throughout documents. Links provide an easy way to navigate a file and jump between pages. This creates a "live" document set that incorporates the most current project information. This document set will ultimately be turned over to the owner as an electronic as-built and provides an organized digitally indexed closeout document set.

Project teams are raving about the benefits of easily accessing this electronic project information which is rapidly displacing reliance on hard copy drawings.

GH Phipps is advancing our capability with Bluebeam and intends to leverage the information for use in our Quality Control and punch list processes.

We want to make project information more accessible and useful for owners and facilities managers. Bluebeam gives us the ability to streamline processes and also customize the interface to best serve our client's needs.