



Aerial Lift Safety Tips

The major causes of injuries and fatalities involving aerial lifts are falls, electrocutions, and collapses or tip-overs. Aerial devices include boom-supported aerial platforms, such as cherry pickers or bucket trucks, aerial ladders and vertical towers (OSHA regulates scissor lifts as mobile scaffolds, not as aerial devices).

Safe work practices for aerial lifts include:

- ◆ Ensure that workers who operate aerial lifts are properly trained in the safe use of the equipment. Test the controls and inspect the aerial lift before use each day. Make sure that all controls are clearly marked as to their function.
- ◆ Never override hydraulic, mechanical or electrical safety devices. Maintain and operate aerial lifts according to the manufacturer's instructions. Always stand firmly on the basket floor. Do not sit or climb on the edge or rails of the basket. Never use planks, boxes or other items inside the basket to extend your reach.
- ◆ Ensure that all wheels



of an elevated lift are on a solid base. Use outriggers, if provided. Set the brakes and use wheel chocks when on an incline. Do not exceed the load limits of the equipment. Allow for the combined weight of the worker(s), tools and materials.

- ◆ De-energize and lock-out/tagout aerial lifts before performing any maintenance or repairs. When working near Power Lines, maintain a minimum clearance of at least 10 feet away from the nearest overhead line. In addition, any conductive object that can be contacted must be maintained at least 10 feet from overhead lines.

Conductive objects could be wires, transformers, ducts, pipes or other equipment. Always treat overhead lines as energized, even if they are down or appear to be insulated. Only qualified power line and communications workers and qualified line-clearance tree trimmers are trained to work closer than 10 feet to a power line. Never lose awareness of the overhead hazard.

- ◆ Establish and clearly

(continued on page 3)

Member News

January 2009
Vol. 20, No. 01
Ft. Lauderdale,
Florida

Miller Construction Company has completed construction of the 66,000-square-foot LeRoy Collins Office Building for The Graham Companies in the Governors Square section of Miami Lakes Business Park West, at 7900 Oak Lane. Miller served as general contractor and construction manager for the \$8 million project, building the Class A four-story office shell and lobby.



LeRoy Collins Building

Miller Construction Company recently completed The Graham Companies' Parkside IV office building within the same business park.

Hill York has been named Florida's first GreenStar contractor by the Mechanical Service Contractors of America (MSCA), the industry's leading national trade association.

Only 15 companies in the nation have earned the GreenStar designation, which recognizes an "exceptional commitment to sustainability and environmental responsibility," according to Barbara A. Dolim, executive director of MSCA, which is based in Rockville, MD.

X
A
P
P
Y

N
E
W

Y
E
A
R

Landscaping and Irrigation for 20 Years

Each month Construction FOCUS features a CASF member company, selected by drawing a business card from among those attending the monthly networking breakfast. The next breakfast, sponsored by DooleyMack, will be held on Thursday, January 22, 7:30 a.m. at Shula's Hotel in Miami Lakes.

Arazoza Brothers Corp. is completing its twentieth year in business and gearing up for another successful year in 2009. Alberto and Eddy Arazoza founded the company in 1988 as a fully family run operation priding itself



and meticulous plant selection. The same basic principles of honesty, dependability, loyalty and professionalism that the company was founded on have never been more important and prevalent at Arazoza Brothers Corp. than today. They have experienced twenty years of steady growth based on our reputation for respecting their client's needs and addressing their concerns.

Arazoza Brothers Corp. services all of Florida from the Keys up through Jacksonville. They perform landscape and irrigation installation on all types of projects such as roadways, interstates, retail, commercial, high-rise, institutional, industrial and multi-family projects. Recent projects include Metro Zoo, L'Ambiance, Ocean II, Keyes Coverage, Burns Road and the Golden Glades Project.

They also perform specialty projects such as wetlands mitigation and restoration and golf course landscape and irrigation installation. With a complete in-house estimating department Arazoza Brothers also offers complete estimating services, value engineering services and design build projects. Under the Agri Brothers name they manage

over 200 acres of nurseries, which provide the resources needed to complete the most challenging of projects.

Arazoza Brothers performs all projects with its own crews and equipment assuring the client on time commences, thorough performance and satisfactory completions. They operate a fleet of nearly 50 vehicles, 20 trailers, and 30 pieces of commercial grade equipment which helps to speed the movement from site to site.

Alberto and Eddy Arazoza firmly believe that they must give back to the communities and people that have helped them achieve their success. They participate in several charitable projects throughout the year the latest one was the complete plant material donation for the make over of Indian Trace Elementary in Weston, FL.

Arazoza Brothers Corp. has been an active member of the Construction Association of South Florida for several years and sponsors many of the events. Rudy Villanueva, Business Development Manager for Arazoza Brothers, says that "of all the associations and groups that we belong to the CASF is definitely the most active and beneficial for us. We do business with many CASF members; it is a win-win situation".

Arazoza Brother Corp. is located at 15901 SW 242 Street, Homestead, FL 33031. For more information check out their website at www.arazozabrothers.com or contact Rudy Villanueva at 305-246-3223 or email at rvillanueva@arazozabrothers.com.

CONSTRUCTION ASSOCIATION of South Florida

2929 North West 62nd Street, Ft. Lauderdale, FL., 33309

Phone: 954-974-6333; FAX: 954-974-6633

info@casf.org

OFFICERS

Michael W. Fee, Lotspeich Co. of Florida, Inc., President
Richard W. Schuerger, John Moriarty & Assoc. of FL., First Vice President
Geoffrey Bunnell, James A. Cummings, Inc., Second Vice President
Bill Bower, Southeast Mechanical Contractors, Secretary/ Treasurer

BOARD OF DIRECTORS

♦**Russell Anderson**, Moss & Associates ♦**John Bennett, Sr.**, Baker Concrete Construction
♦**Bob Baer**, Central Florida Equipment ♦**Sidney Blaauw**, Steel Fabricators, LLC
♦**Craig Heiser**, Whiting-Turner Contracting Co. ♦**George Huettel**, Cyrus Technologies, Inc.
♦**David Keeler**, Form Works, Inc. ♦**Thomas C. Murphy, III**, Coastal Construction Group
♦**Jeff Slade**, Miller Construction Company ♦**Doug Wallace**, Stiles Construction Company

IMMEDIATE PAST PRESIDENT

Timothy M. Anderson, Balfour Beatty Construction Co.

♦ASSOCIATION EXECUTIVE VICE PRESIDENT, **John C. Siegle** ♦LEGAL ADVISOR, **Alexander Williams**, Ferencik, Libanoff, Brandt & Williams ♦FINANCIAL ADVISOR, **Robert Benson**, Crowe, Chizek and Company
♦CONTRIBUTING WRITER, **Joyce Salamone**

Construction Focus is the official publication of the Construction Association of South Florida. Article suggestions and submissions for publication consideration should be forwarded to the Executive Vice President.

Report Shows Growing Enthusiasm for BIM

McGraw-Hill Construction released the Building Information Modeling (BIM) SmartMarket Report, which shows growing enthusiasm for BIM among architects, engineers, contractors, and owners, and usage is expected to grow rapidly in the coming year, despite the economic recession. Users plan to significantly increase their investment in BIM in 2009 to realize greater productivity, improved communications, and a competitive edge.

In 2008, 45% of users report that they are utilizing BIM tools at moderate levels or higher. Next year, 62% of BIM users will use it on more than 30% of their projects; and nearly half (45%) of all current adopters will advance to become heavy BIM users (using it on at least 60% of projects), up from 35% this year.

The report shows that companies that are tracking BIM value metrics are reporting returns on investment (ROI) as high as 300% to 500% through improved project outcomes, better communication, enhanced productivity, and a positive impact on winning projects. Across all experience levels and company sizes, training on BIM basics is seen as the most important need. To help address this need, the BIM SmartMarket Report includes a four-page section called "Introduction to BIM."

"BIM is quickly becoming the gold standard by which firms do work," said Steve Jones, Senior Director of Business Development, McGraw-Hill Construction, and one of the co-authors of the report. "It is a notable

differentiator among competitors, a time-saver, and a cost-reducer. BIM dramatically shifts businesses' productivity and ROI. This is why we are seeing such rapid growth."

What is BIM?

The report defines BIM as "the process of creating and using digital models for design, construction or operations of projects." BIM involves digital content such as structural elements, mechanical equipment and building envelope and windows; and software tools for architectural, structural and mechanical modeling, often integrated with energy analysis, scheduling, estimating, and other functions.

Users routinely tap BIM's 3D visualization capabilities to communicate clearly with all parties, use BIM on the jobsite to guide construction activities, and rely on BIM to spend less time documenting and more time designing.

Changing the Way Firms Do Business

The Report shows that the BIM revolution is affecting firms in many ways. Major findings include:

- ◆ BIM promotes a more collaborative environment, and users recognize a need to rethink roles and workflow.
- ◆ 72% of users have had at least a moderate impact on their internal project processes, and two-thirds report that BIM has had at least a moderate impact on external project processes.
- ◆ Half of users perceive BIM to have had a very positive impact on their companies; only 7% report a negative impact.
- ◆ Most BIM users (73%) are at least moderately involved in green building projects and find BIM to be helpful with those projects. For example, BIM tools can be used to analyze the performance of energy efficiency elements and sustainable materials.

Aerial Lift Safety

(continued from page 1)

mark a danger zone around the aerial lift support vehicle. Never move the equipment with workers in the elevated platform unless the equipment has been specifically designed for this type of operation. Do not allow workers to position themselves between overhead hazards, such as joists and beams, and the rails of the basket. If the basket moves, the workers could become trapped and crushed between the rails and the overhead object.

- ◆ Do not allow workers to belt off to an adjacent pole, structure or equipment

while working from an aerial lift. Use a body harness or positioning device with a lanyard attached to the boom or basket to prevent the worker from being ejected or pulled from the basket.

For more information, go to <http://www.osha.gov>.

Each month the CASF Safety Committee meets to identify areas of safety concerns on South Florida jobsites and communicates ways to improve job safety to the membership. The committee meets next on January 29, 2009 at 8:00 A.M. at the CASF office and is open to anyone who is interested in a safe workspace.

December's
Member PICS



*Brickell Financial Centre
(John Moriarity & Assoc. of FL)*

The only reason your company's project is not pictured here is because you didn't email a picture to jsiegle@casf.org



*1916 Palm Beach Courthouse
(Palm Beach Trim)*



*Parkway Medical Chill Room
(Thermal Concepts, Inc.)*

**CASF's 2008
Holiday Party**



ROUTE 10:

3500 NW 9TH AVENUE
FORT LAUDERDALE, FL 33309