



EUH EXPANSION NEWSLETTER

APRIL 2016

Honoring Earth Month with sustainability in construction

April is Earth Month and we, at Emory Healthcare, believe protecting the environment is essential. Whether it be for patients, visitors, physicians, employees or the community as a whole, we “think green” whenever possible.

Slated to open in 2017, the new hospital bed tower on Clifton Road, the J-wing, is incorporating sustainability into its plan, design and construction.

Dirt does good

As you can imagine, digging space for a nine-level, 450,000-square-foot building with 500 underground parking spaces kicks up a lot of dirt! The construction team set a goal to find an organization that could use all of it. As luck would have it, they found a most deserving recipient, the Fugees Academy.

Multiple dump trucks hauled 78,000 cubic yards of dirt and filling to the Fugees Academy in Clarkston, Georgia where the fill was used to construct a soccer field.

Bioswales

The newly renovated Woodruff Circle shuttle area, the drop-off area near the Woodruff Health Sciences Center Administration Building and the expanded valet area near Emory University Hospital (EUH), all have bioswales incorporated into their design.

WHAT IS A BIOSWALE? A bioswale is a system used to naturally treat and disperse runoff water for surfaces, such as asphalt. Bioswales filter out contaminants in the water and allow the water to drain at a slower rate, reducing the chance for overflowing in low-lying areas.

Replant and salvage

Under Emory’s No Net Loss of Forest Canopy policy, the 49 trees removed at the tower construction site were replaced by 133 new trees, planted at various campus locations.

Wood from the removed trees has been used as mulch on campus, as well as salvaged for lumber and other building elements inside the new hospital bed tower.

LEED Silver Certified

Our goal is for the new hospital bed tower to be Leadership in Energy and Environmental Design (LEED) Silver Certified. This is a third-party verification that a building is designed and built to minimize environmental impact. The J-Wing has been designed to save energy, reduce water usage and mitigate stormwater runoff. This will be the first Emory Healthcare facility to be LEED Certified, and we feel very confident that we can meet this goal by 2018!



From construction to soccer field

Fugees Family, Inc., is a non-profit organization devoted to working with child survivors of war and provides year-round soccer for 90 boys and girls aged 10-18, after-school tutoring, soccer for 50 elementary-aged students and summer camps.



Bioswales capture excess water runoff

The three bioswales can store 41,000 gallons of water, as much as 50 inches of rain per hour! The water drains through the bioswales and into Dekalb County’s stormwater pipes. What comes out of the pipes, and into our community creeks, is cleaner and slower, reducing contamination and the effects of erosion and flooding.

DID YOU KNOW?



Clean construction

All dirt moving activities include daily dust control methods to protect workers, visitors and patients in the area.

FUN FACT

1,075

Tons of waste has been diverted from landfills since construction began in 2012, as well as 99 percent of waste from the expansion site has been recycled.

PROJECT 60 DAY LOOK AHEAD



- ❖ Installation of glass along the Winship bridge
- ❖ Top out of north tower
- ❖ Construction of the two-level Clifton bridge
- ❖ Installation of glass for patient rooms
- ❖ Furniture selection

FOR MORE INFORMATION

You can leave us feedback by visiting our website: www.emoryhealthcare.org/expansion.

Or email us: patient.relations@emoryhealthcare.org



Green Programming: Energy efficiency begins with a plan

The new Emory University Hospital tower will contain several energy-efficient features, all of which are determined during the planning and programming phase of the project.

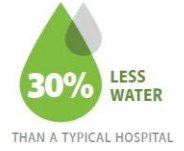
NEW HOSPITAL TOWER WILL CONSUME APPROXIMATELY



EACH YEAR, CONDENSATE RECOVERY WILL HELP SAVE



WATER-EFFICIENT FIXTURES WILL USE A MINIMUM OF



EUH Expansion Progress Report

The variety of projects taking place is in preparation for the arrival of the new J-Wing bed tower, which will house transplant and oncology services, and a complement of critical care units.

Hospital structure

The ninth floor will be the highest floor occupied by patients and staff, and the 10th floor will provide space for building mechanical equipment. Through the early months of 2016, the north section of the tower structure, along Lowergate Drive, will be constructed to match the height of the rest of the building.

Hospital exterior

The exterior building enclosure, also known as the "building skin," is well underway. Currently, the building enclosure activities include the installation of metal framing, insulation, marble and glass. Later, crews will begin installing the exterior granite, stucco, roofing and other exterior features.

Bridges and concourses

Construction of the Winship pedestrian concourse has begun. While there will be some temporary walkways in place, patient flow during weekdays will not be affected. However, on nights (8:30 p.m. – 5:30 a.m.) and weekends, the Plaza Level entrance at Lowergate Drive will be closed, and all staff and patients will need to use the first floor entrance on Uppergate Drive.

Energy plant

The lowest level of the parking deck, south of Clinic B and along Gambrell Drive, houses the central energy plant for the new bed tower. The central energy plant is the main mechanical and electrical hub that provides power and mechanical services to the tower. The

major pieces of mechanical equipment have been installed in the central energy plant. Large cranes were required to unload the bigger equipment, such as the emergency generators and electrical gear.

Assignment of patient care units (by floor levels)

- Level 9 – Bone Marrow Transplant
- Level 8 – Hematology and Medical Oncology
- Level 7 – Surgical Specialties, including Oncology, Urology, Gynecology and Gynecology Oncology
- Level 6 – Solid Organ Transplant (kidney, liver and pancreas)
- Level 5 (south) – Critical Care
- Level 5 (north) – unassigned
- Level 4 – under development
- Level 3 – under development
- Level 2 – Food services and retail
- Level 1 – Anesthesia Pre-op Clinic and Imaging
- Underground parking



What is with all that wood? The wood, also known as shoring, provides support until the structure is complete.