

# Burnham Building Millennium Tower

## NEWSLETTER

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Rendering courtesy of Steelblue

## Millennium Tower Construction Updates

### Now that the hole is dug, it's time for the installation of the Mat Slab Foundation

- An excavator levels the hard clay surface, and a 3" thick concrete mud mat is poured (providing a solid surface for assembling the various foundation components).
- Steel reinforcing, plumbing pipes, and electrical conduits for the future garage and support spaces are installed and cast into the foundation. All of the work is reviewed and approved by inspectors within each trade for accuracy, quality of material and adherence to the specifications.
- The mat slab foundation comprises the entire footprint of the tower and is 6.5 feet thick of solid concrete and steel.
- Three concrete pumps will place the mat foundation in one continuous pour.
- Once complete, the concrete pour will be the largest single concrete placement in the history of Boston!!!



Photo courtesy of Lou Jones

### Mat Slab Truck Routes

- Concrete trucks will approach the site coming from Franklin St.
- They will exit the site down two separate streets: Washington St. and Arch St.

### Mat Slab Special Working Times for Continuous Concrete Pour

- Start time: 4:00 a.m. **Saturday 4/26** (Weather date: Saturday 5/3).
- Anticipated completion: 4:00 p.m. **Sunday 4/27** (36 hours).

### Mat Slab Facts

- There are 1,500 tons (three million pounds) of reinforcing steel that will be set by the ironworkers in the next three weeks in order to place the base mat.
- There are over 6,000 cubic yards of concrete in the base mat.
- The total weight of the concrete within the mat is 24.3 million pounds.
- Because of the structural design of the slab, it must be placed in one single 'monolithic' placement.



### Upcoming Construction Activity

SUMMER STREET RECONSTRUCTION WORK STARTS!!

Please pardon our appearance and any noise disruption during construction. We appreciate your continued patience and cooperation.

**Questions or concerns**  
Please contact Project Superintendent  
Rich Michaels  
Suffolk Construction  
617-445-3500



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