

Fire Station 29 - Facts, Figures, Trivia

06/10/15 671 W, 1 I - + 9 - 8

At 0800 hours on Tuesday, June 9, 2015, the city's newest fire companies were placed in service at the city's newest fire station: Engine 29 and Ladder 9 at Fire Station 29 at 12117 Leesville Road. Plus a mini-pumper, which was been temporarily relocated from nearby Station 23. (For errands as needed during the first week of the station's operation.) [See more photos from open day.](#)



Here are some facts, figures, and trivia about the new fire station:

- Land acquisition started fall 2008.
- Parcels at 12113 and 12117 Leesville Road purchased on March 6, 2009.
- Design work started late 2010. Design and construction contract negotiations approved by council on October 19, 2010.
- Two additional parcels acquired, due to development requirements. Approved by council on April 3, 2012.
- Value engineered May to August 2013 to stay within budget.

- Permits all obtained in September 2014.
- Land clearing started in January 2014.
- Construction started in February 2014.
- Occupied by city on June 1, 2015.
- Opened June 9, 2015.

- Architect Williard Ferm Architects, PA, of Raleigh.
- Also designed Stations 26, 27, 28
- Contractor Resolute Building Company, Inc.

- Three apparatus bays
- Sleeping quarters with twenty-seven beds
- Combination of individual dorm rooms and group dorm rooms: two rooms for captains, one room for lieutenants, and two rooms for firefighters.
- Watch station in foyer, along with office and work station facing apparatus bays.

- Mud room
- Exercise room
- Expanded parking lot in rear with room for apparatus turning.
- Reduced water use and energy efficient HVAC and lighting.
- REI Engineers contracted for envelope commissioning (roof and windows).

- Cost \$2.1 million.
- 10,783 square feet (including canopy areas).¹
- Occupies 2.70 acre site.
- Serve northeastern edge of city, near Interstate 540 and Durham County line.
- City contracted with Durham Highway and Bethesda fire department in prior years, to cover those areas.
- Fourth three-bay city fire station, after Station 1, 23, 28.

- Third largest station site in city, after Station 15 (21.86 acres including park) and Station 28 (2.86 acres), but ahead of Station 24 (1.96 acres), Station 22 (1.95 acres), Station 21 (1.85 acres), etc.
- Smallest station sites, you ask? Station 3 (0.16 acres), Station 1 (0.37 acres), Station 5 (0.39 acres), Station 9 (0.5 acres), Station 8 (0.52 acres).
- Second largest station building in city, after Station 1 (11,200 square feet), but ahead of Station 23 (7,709 square feet), Station 26 (7,258 square feet), and Station 27 (6,873 square feet).
- Smallest station buildings? Station 3 (3,564 square feet), Station 14 (3,616 square feet), Station 16 (3,984 square feet), Station 12 (4,189 square feet), and Station 8 (4,275 square feet, excluding basement space).

- Engine 29 is 2000 Quality/Spartan MetroStar, 1250/500, former E10, E2, E19, E128
- Ladder 9 is 2001 Quality/Spartan Gladiator/Aerial Innovations, 1500/300/75, former E23, T24, T23, L23, L4, L1, L111
- Mini 3 is a 1986 Chevrolet Silverado brush truck, 350/200, former M23, M24, M23, M24, M4, M9, M17

- Originally named Station 13, as originally planned to house relocated Engine 13 from Station 1.
- Other cities with Station 13? Asheville not yet, Charlotte yes, Durham yes, Fayetteville no (but Cumberland County Station 13 is contracted for some outlying city areas ~~they have an Engine 13~~), Greensboro no, High Point yes, Wilmington no (due to New Hanover Station 13, part of city/county numbering scheme), Winston-Salem no, Charleston (SC) yes, Columbia (SC) yes, Richmond (VA) yes, Norfolk (VA) yes.

- Located 13.7 miles from center of Raleigh (State Capitol).
- Farthest fire stations? Station 24 (16.7 miles), Station 29 (13.7 miles), Station 25 (13.6 miles) and Station 28 (12 miles).
- Longest drive for someone detailed to Station 29 from another fire station?
- Station 26 to Station 29 equals 26 miles (!) via I-540, which Google Maps says is fastest route. Routes through town are shorter, such as 22.6 miles via Beltline to Creedmoor to Millbrook to Leesville.

- Second of three current or future fire stations on Leesville Road in Wake and Durham counties.
- Durham County Station 84, formerly Bethesda Fire Department Station 2, at 7305 Leesville Road. Opened 1988.
- Durham (City) Station 17, planned at corner of Leesville and Doc Nicholas Roads. Believe parcel is 5503 Leesville Road, northwest corner. Construction anticipated in FY17.
- Distance between the three stations? RFD to DCFD is 0.9 miles. DCFD to DFD is 2.1 miles. RFD to DFD is 3.0 miles.

- Distance of Station 29 to other nearby fire stations?
- RFD 29 to RFD 23 - 3.0 miles
- RFD 29 to RFD 24 - 4.4 miles
- RFD to Durham Highway FD - 2.3 miles
- RFD to Raleigh-Durham International Airport FD - 7.1 miles

¹That's square footage from building plans. County tax records say 11,518 square feet.

When and what was the first call?

brady - 06/11/15 - 00:29

First call for both Engine 29 and Ladder 9 was same day about 7:00 p.m., 8114 Brookgate Terrace, second due on a working fire, apartment building. Believe dryer fire, with sprinkler activation.

—
Also, a commissioning ceremony is scheduled for Tuesday, June 23, at 10:00 a.m.

Legeros - 06/11/15 - 07:30

Mike-

You listed Engine 29 as having a 1000 gallon water tank in this post, but in your apparatus registry it has a 500 gallon tank.

Is the new Ladder going here when it arrives or is it replacing another truck and that truck rotating here?

Thanks!!!

Steven ([Email](#)) ([Web Site](#)) - 06/14/15 - 09:58

Thanks for catching that Steve, the correct capacity is 500 gallons.

Believe the current plans have Ladder 9 replaced with the 2015 Pierce Arrow XT tiller that's currently in production. Due in October. The current apparatus would likely be returned to reserve status.

The tiller will probably be moved again, when either Station 6 or Station 12 are completed in coming years. It's maneuverability would be useful in the tighter streets in both areas. I'd probably put money on Station 6. And maybe we'll see Ladder 10 by that time. The city still has a need for more ladder companies.

Legeros - 06/14/15 - 10:09

Latest word on the new tiller as of 3 days ago. New tiller will become L4. Current L4 will become L8 which will move to station #12 upon completion. Current L8 will become L9.

Rescue Ranger - 06/14/15 - 11:18

Fayetteville doesn't have an Engine 13 ;) Cumberland County Station 13 contracts some of the outlying areas on the west side of the city.

FFD - 06/14/15 - 11:24

With expected timeframes of fall 2015 for Station 12 construction to start (and Station 11 renovations to begin), and fall 2016 for Station 6 construction to start.

Legeros - 06/14/15 - 11:52

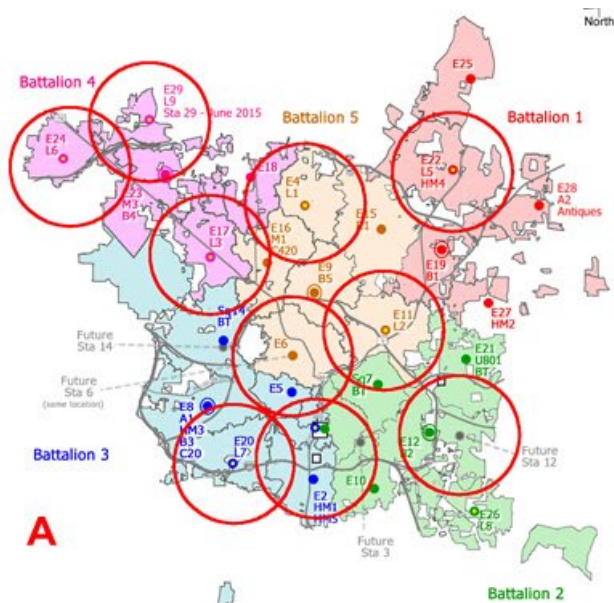
I heard Ladder 9 may be moved in with Engine 23 eventually, Ladder 8 going to the new Engine 12 house so they aren't out there on the "fringe" with 26, and Ladder 10 will be with Engine 6 at the new house. Any word on when new #14 construction starts, or is that still being debated? Also, will 14 be an additional Ladder Company or one moved from another location?

Silver - 06/14/15 - 12:11

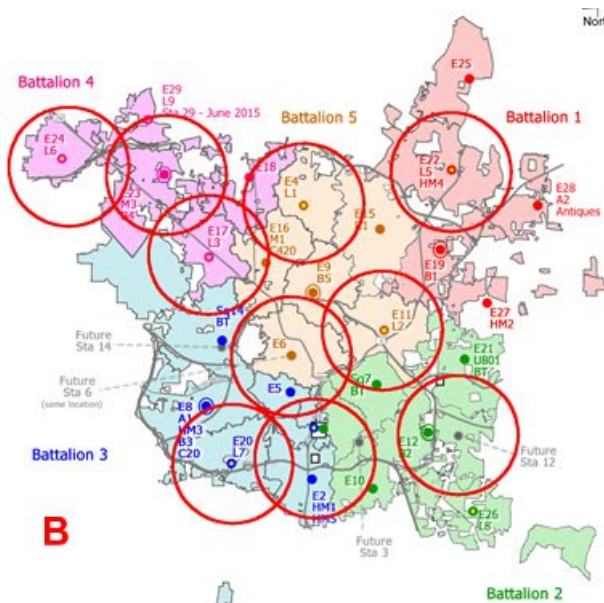
Council approved the Harden Road site for the Station 14 project some weeks ago, and thus the project is underway. Believe the next step was working to acquire adjoining parcels, to expand the site size. The station is designed to house a ladder company.

Legeros - 06/14/15 - 12:20

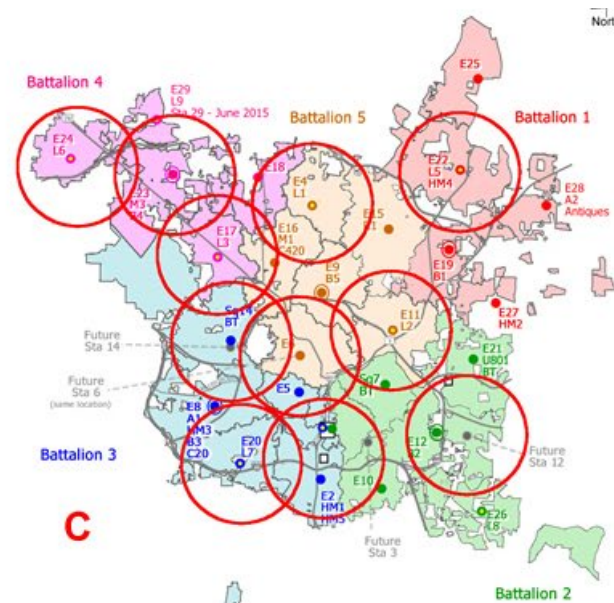
What does all this look like on a map. Here's a rough sketch, using my station map (<http://legeros.com/ralwake/gallery/maps/raleigh-map.jpg>) and circles. Envisions as many as thirteen ladders in the city someday.



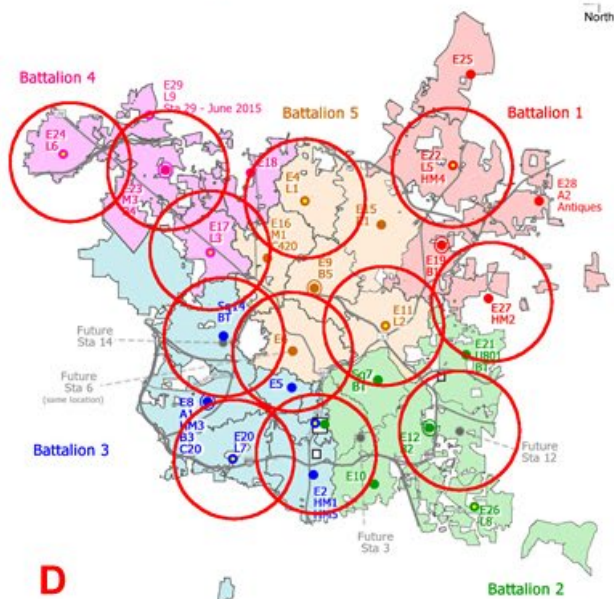
A



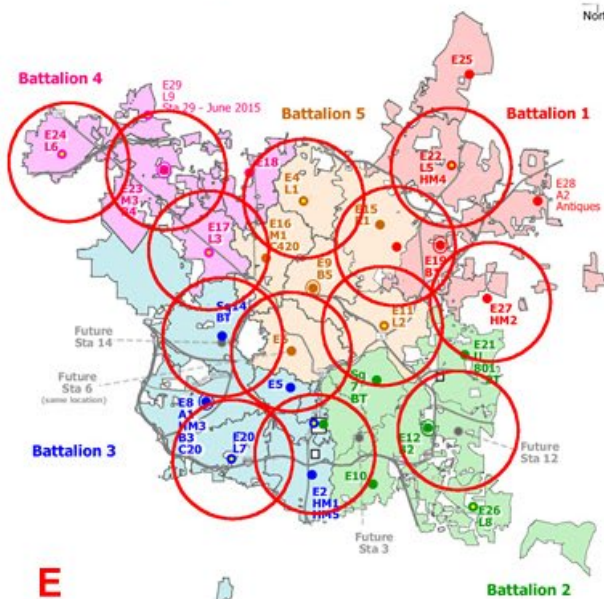
B



C



D



E

Speculating on future ladder company locations:

- A - 12 (L8), 29 (L9), 6 (L10)
- B - Move L9 to Sta 23
- C - Add L11 at Sta 14
- D - Add L12 at Sta 27
- E - Add L13 (!) at Sta 30 (infill)

Legeros - 06/14/15 - 12:36

You can download your own version of my map and draw your own, with pencil or graphic tools!

[http://legeros.com/ralwake/gallery/maps/..](http://legeros.com/ralwake/gallery/maps/)

Legeros - 06/14/15 - 12:38

Looking at Map D, looks like 19 would be a better place for a ladder than 27. Fun with maps!

Map D - 06/16/15 - 00:17

Mike,

Just looked through your pictures of 29's ceremony and I have a couple of questions: are those dorm style bunk rooms? Why didn't the city build private rooms or at least put up dividers?

Watson - 06/24/15 - 15:12

There are five dormitory rooms at the station. Two separate rooms for individual Captains, one room for two lieutenants, one room for three Senior or First Class firefighters, and one room for "regular" firefighters. The dorm-style rooms are not finished. They will be adding dividers or walls in the coming weeks.

Legeros - 06/24/15 - 20:33

Nice beds! Not shown are the stainless-steel sink/toilet combo in the restroom.

Rescue Ranger - 06/24/15 - 23:45

And the latest update on the new tiller and engine as of this morning. Car 1 said the new house should have the new apparatus and said specifically E29 will get the new pumper and L9 will get the new tiller.

Rescue Ranger - 06/25/15 - 22:35

If you check on Atlantic Emergency Solutions you can find some pics of the Raleigh truck in production

TRN - 06/29/15 - 11:24

What other departments operate at least 2 tillers?

John - 06/30/15 - 11:19

Urban fire departments (Atlanta, DC, Baltimore, Philly, FDNY, San Fran).....and the list goes on. Add Raleigh to that list!

Big Boys - 07/02/15 - 01:21

Jacksonville FL

4 Pierce 100' heavy duty tillers, 13 total ladder company's

Brian Ross ([Email](#)) - 07/07/15 - 23:26

Name: (real name preferred)

E-mail: (optional)

Web Site: (optional)

Comment:

Remember personal info?

Yes

No

/ [Textile](#)

Comment moderation is enabled on this site. This means that your comment will not be visible on this site until it has been approved by an editor.

To prevent spam we require you to answer this silly question

What are the FIRST TWO LETTERS of the word 'fire'?

[\(Register your username / Log in\)](#)

Notify: Yes, send me email when someone replies.

Hide email: Yes, hide my email address.

Small print: All html tags except and <i> will be removed from your comment. You can make links by just typing the url or mail-address.