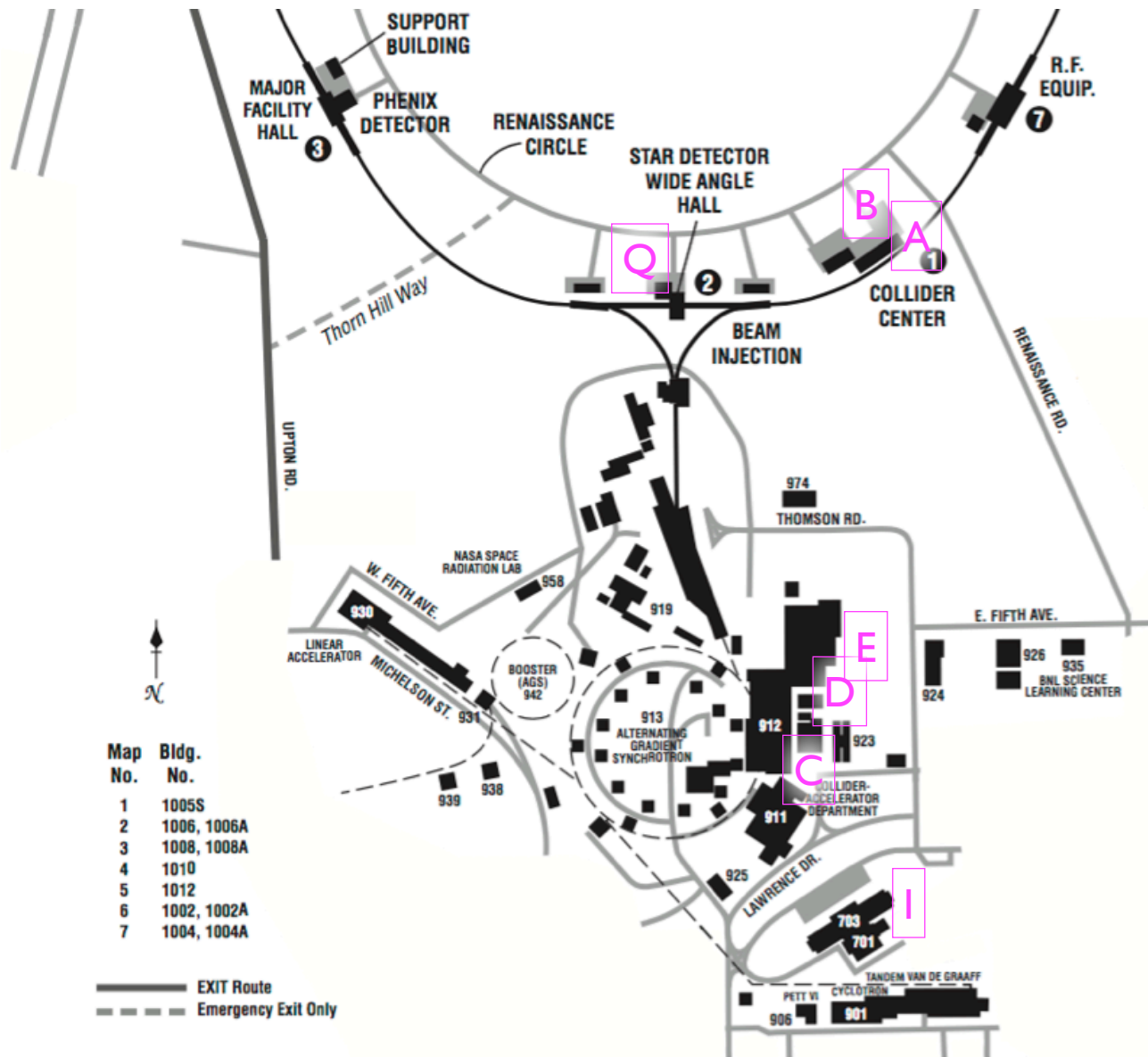


BNL Outdoor Outlets for Plug-in Vehicles

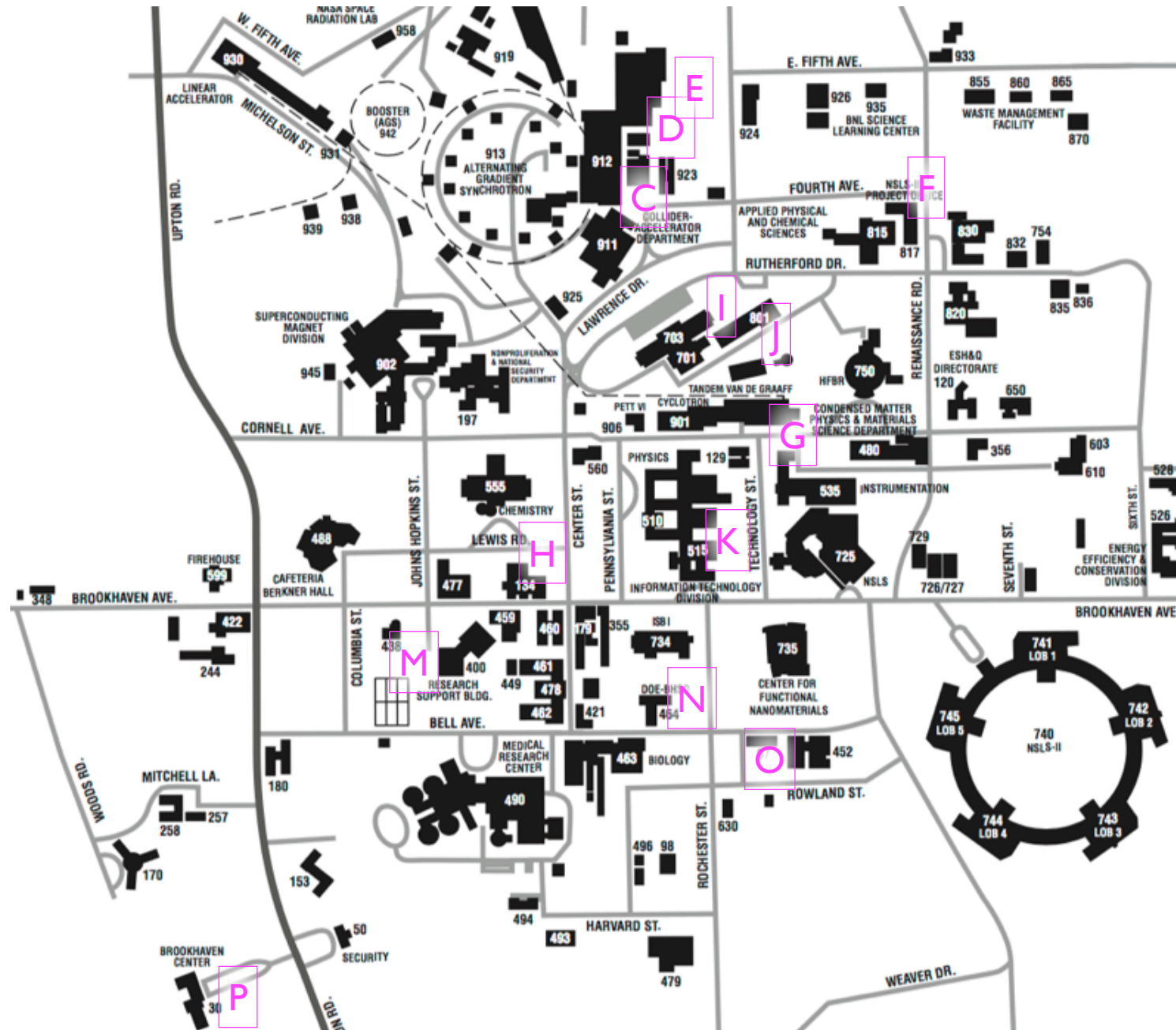
Gene Van Buren
November 2016

North area sites

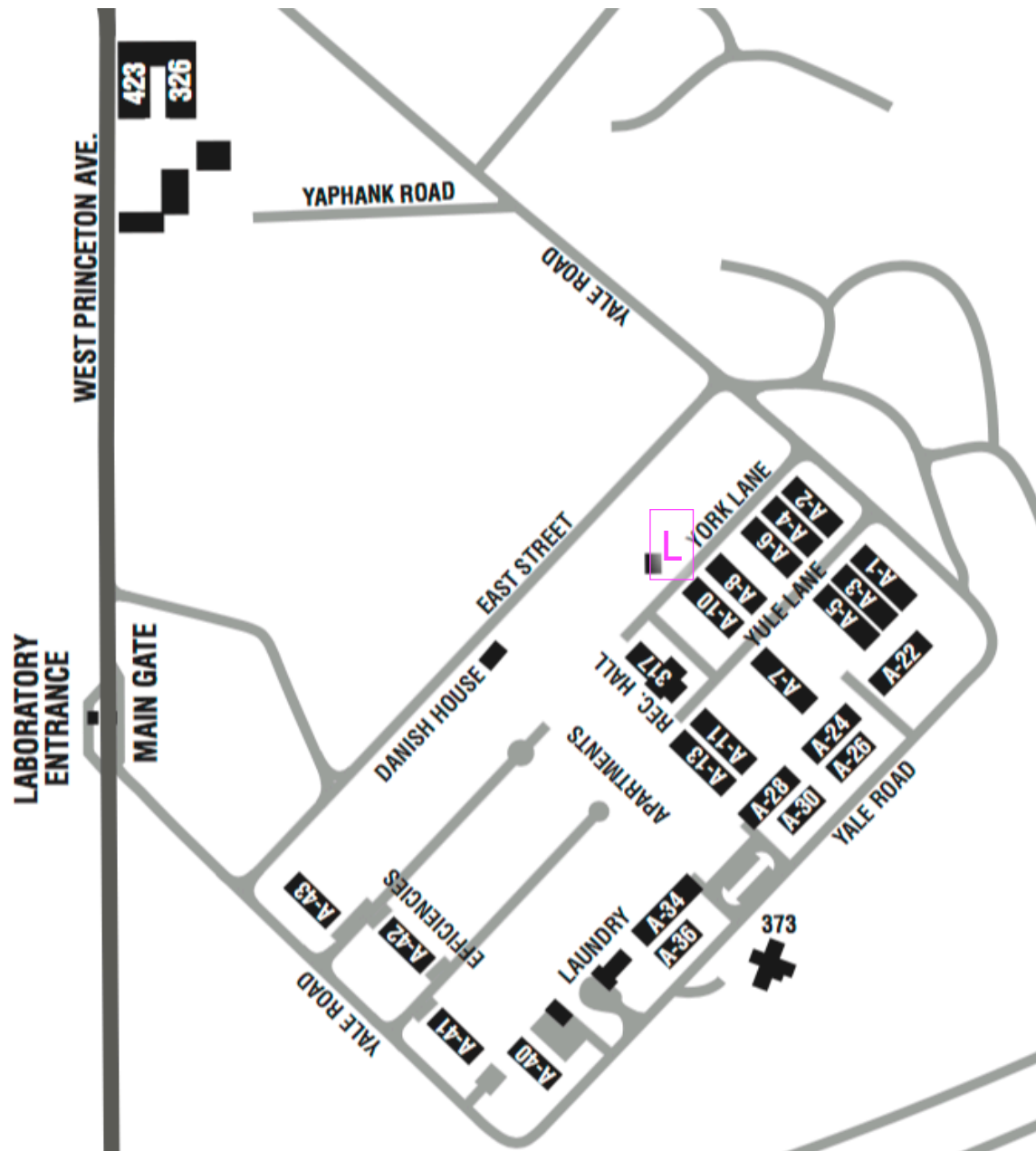


NORTH AREA FACILITY

Central area sites



Apartment area sites



Site A: Bldg 1005, Location 1

- Level 2 (L6-20) charging on east side
- Needs a new parking space that won't block the bay door



Site B: Bldg 1005, Location 2

- Level 1 charging on north side; GFCI
- Good parking



Site C: Bldg 918

- Level 1 charging on south side; GFCI
- Good parking
- Current sign says “PARKING FOR RIGGER’S TRUCKS ONLY”



Site D: Bldg 912, Location 1

- Level 1 charging on east side; GFCI
- A little hidden
- Undefined parking spaces
- Must not run plug-in cables in front of building's door



Site E: Bldg 912, Location 2

- Level 1 charging on east side; GFCI
- Very hidden
- Reasonable parking space
- Trip hazards



Site F: Bldg 817

- Level 1 charging on north side; GFCI
- Small parking area with spots far from outlet
- Inconvenient



Site G: Bldg 535

- Level 1 charging on north side; GFCI
- Good parking
- Current sign: "FOR ITD EVs ONLY"



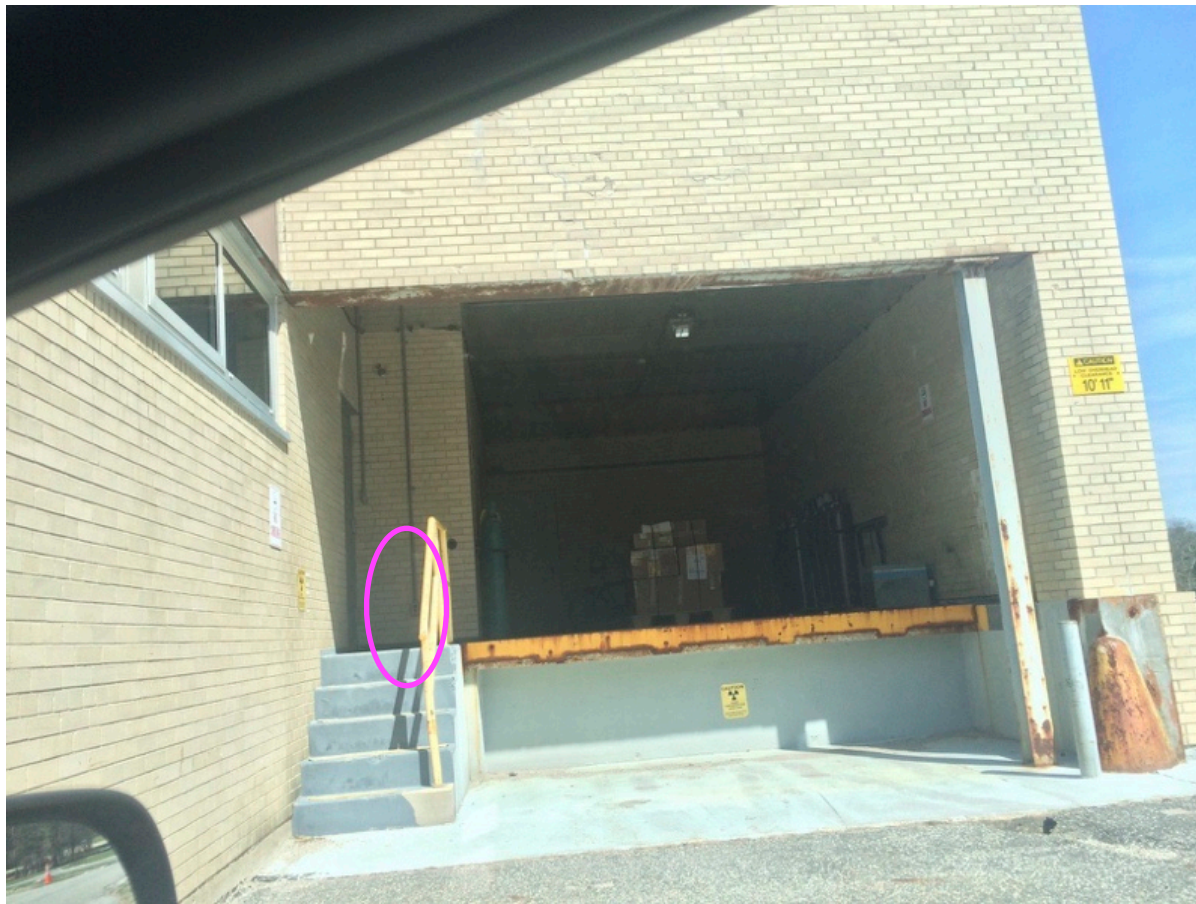
Site H: Bldg 134

- Level 1 charging on northeast side; GFCI
- Good parking
- Current sign: “FOR GOVERNMENT VEHICLES ONLY”



Site I: Bldg 703

- Level 1 charging on east end; GFCI-unknown
- Up some stairs at a loading dock



Site J: Bldg 80 I

- Level 1 charging on southeast side; GFCI-unknown
- Up some stairs at a loading dock



Site K: Bldg 515

- Level 1 charging on east side; GFCI-unknown
- Up some stairs at a loading dock



Site L: Little Red Schoolhouse

- Level 1 charging on south side; GFCI-unknown
- Up some stairs on a deck, and far from parking



Other EV charging sites

- Sites M (400), N (464), and O (452) are already-designated EV charging locations
 - Site M (400) is our public “EV Station”
 - Site N (464) is Level 1, with several outlets and dedicated parking, “for Government Vehicles”
 - Site O (452) is Level 2 (L6-20), with several outlets and dedicated parking, “for Government Vehicles”
- Site P (30, Brookhaven Center) is Level 1, and down a ramp which may impede other activities
- Site Q (1006) is Level 1, with space in front, but that space is a fire lane

Summary of Good Locations

- Sites B (1005), C (918), and G (535) have been in occasional use by BNL employees (already good; just need marking)
- Site A (1005) would be a convenient Level 2 station for those in the RHIC area (needs allotted parking spot; shared with government EV vehicles)
 - There is a 1005 occupant ready to use it
- Site H (134) would be a convenient, centrally located Level 1 station for employees (shift non-EV government vehicles over 1 or 2 spots)
- Site N (464) would be a convenient, centrally located Level 1 station for employees (shared with government EV vehicles)
- Site O (452) would be a convenient, centrally located Level 2 station for employees (shared with government EV vehicles)
- Sites D (912), E (912), F (817), I (703), J (801), K (515), L (school house), P (30), Q (1006) not optimal for employee use