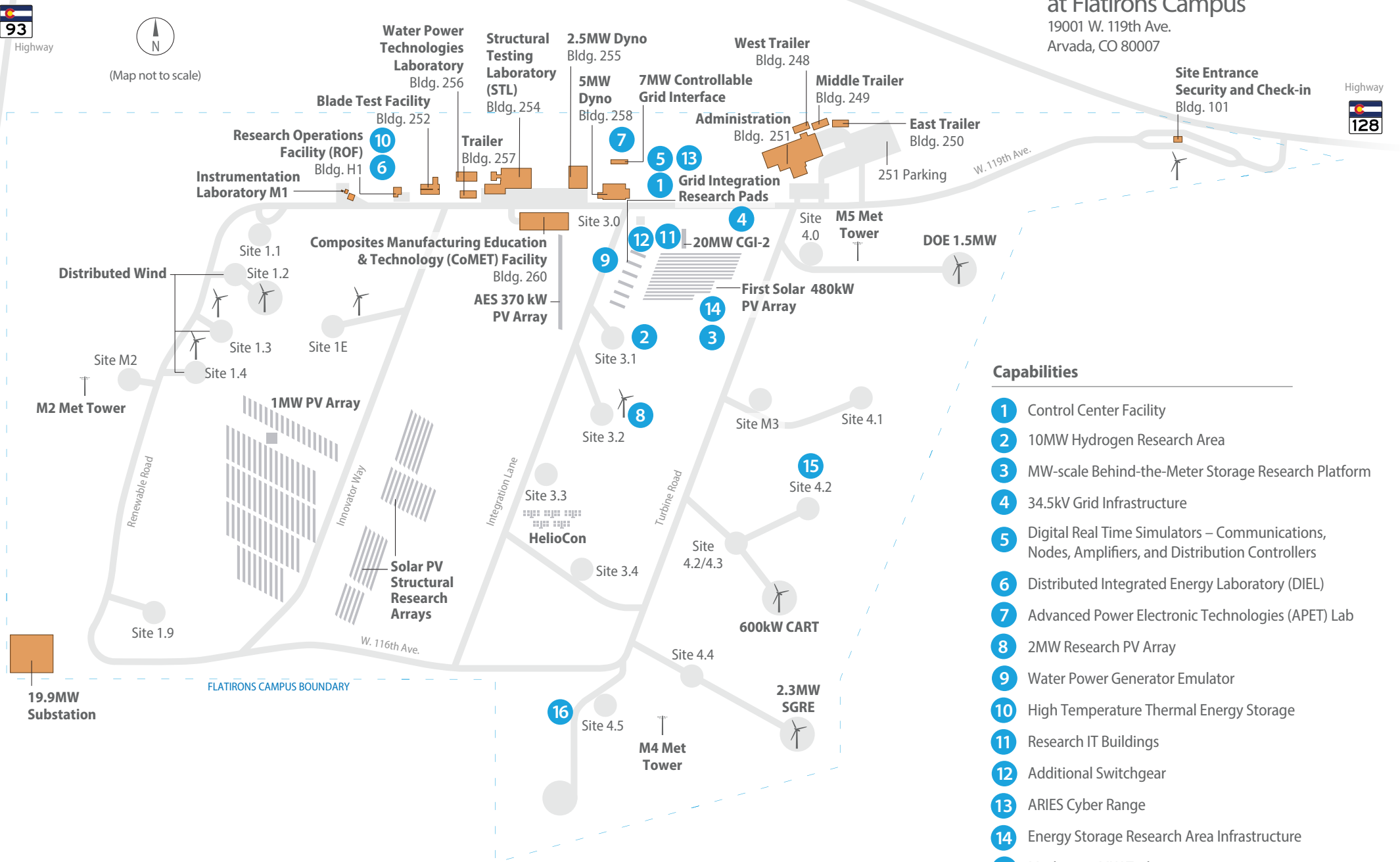


ARIES Capabilities at Flatirons Campus

19001 W. 119th Ave.
Arvada, CO 80007



Capabilities

- 1 Control Center Facility
- 2 10MW Hydrogen Research Area
- 3 MW-scale Behind-the-Meter Storage Research Platform
- 4 34.5kV Grid Infrastructure
- 5 Digital Real Time Simulators – Communications, Nodes, Amplifiers, and Distribution Controllers
- 6 Distributed Integrated Energy Laboratory (DIEL)
- 7 Advanced Power Electronic Technologies (APET) Lab
- 8 2MW Research PV Array
- 9 Water Power Generator Emulator
- 10 High Temperature Thermal Energy Storage
- 11 Research IT Buildings
- 12 Additional Switchgear
- 13 ARIES Cyber Range
- 14 Energy Storage Research Area Infrastructure
- 15 Modern 3+MW Turbine
- 16 Hydrogen Subsurface Storage