



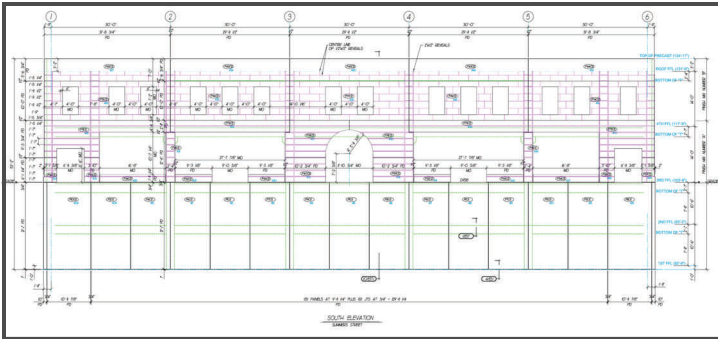
Hinton Technology Center

The Hinton Technology Center located in Hinton, WV is part of a federally funded “technology corridor” running the length of I-64 from Beckley, WV to Lewisburg, WV. The City of Hinton is registered as a historic district and since an opera house that was located on the site was a former historic structure before its collapse, it was mandated that any new construction match the concrete veneer and brick façade of the original building. Therefore due to a limited footprint, historic preservation requirements for the building and budgetary constraints a Total Precast Structure was the only feasible solution.

The four-story building has two (2) floors of parking that enter at two (2) different grade levels, the upper two (2) floors are office space allocated for high-technology tenants. The Total Precast Structure includes floors providing a durable and fire resistant structure. The building’s front wall extends two (2)



stories below grade while the side and back walls are below grade at varying amounts. The precast wall panels act as retaining walls transferring horizontal soil load pressures into the walls and through the precast double-tee deck to the interior core. The precast design allows for large open interiors of 60-feet by 150-feet and 120-feet by 150-feet in non-core areas, there are only two (2) interior columns which do not interfere with the interior open expanse. All floors required a 100 lbs/sq ft live load design. This was a design/build structure with all engineering design by Sidley Precast Group.



Architect DLH, PLLC., Lewisburg, WV	Owner City of Hinton, WV
Contractor Swope Construction Company, Bluefield, WV	

