2ND FLOOR PLAN

1. Student Lounge
2. Distant Learning Lab
3. Staff Development
4. Computer Training Lab
5. Video Conference Room
6. TV Studio
7. Studio Master Control
8. Broadcast / Media Offices
9. Air-Intake Shafts, typical
10. Exhaust Shafts, typical
Buoyancy System Intake Tower
Wind pressure and cooling coils at top of towers drive 100% outside air to lower levels. Heating coils located at floor plenums drive air up into occupied spaces.

Solar Thermal Panels
 Vacuum tube collectors supplement central campus hydronic system to deliver efficient heating and cooling energy to buoyancy system coils.

Clerestory and Skylight
Provides exceptional daylighting to building core while providing chimney-effect for buoyancy air system exhaust.

Photovoltaic Panels
Over six thousand square feet of panels installed on the southfacing roof slope will reduce annual electrical costs by over $20,000.

Fenestration & Daylighting
Extensive high performance glazing systems maximize interior daylighting and views while managing solar heat gain and glare.

Biofilter Runnels
Rainwater collected at the roof is funneled through linear landscape features that naturally filter storm runoff for water quality prior to entering local waterways.

Passive Shading
Louvers and canopies at southfacing glazing provide additional control against solar heat gain.

Radiant Slab
 Heating and cooling of two-story communal space and helps drive buoyancy return.

Green Materials
Healthy indoor environmental quality is achieved with low-emitting finish materials, supported by ventilation rate.

Access Floor Plenum
Efficient distribution of air throughout spaces.