

### Garage

- a. Parking rational and MOA Requirements
- b. TIA and Traffic Projections
  - i. Mallard at UAA Dr. Intersection
  - ii. King Career Center at Mallard, at Northern Lights.
  - iii. UAA at Providence Dr.
- c. Images of revised design based on September Regents Meeting Comments
- d. Surface Parking Option Layout.

### Supporting Documents

Master Planning Site Plan  
Traffic and Parking Impacts  
Surface Parking Option Layout

New Engineering and Industry Building  
Traffic and Parking Impacts

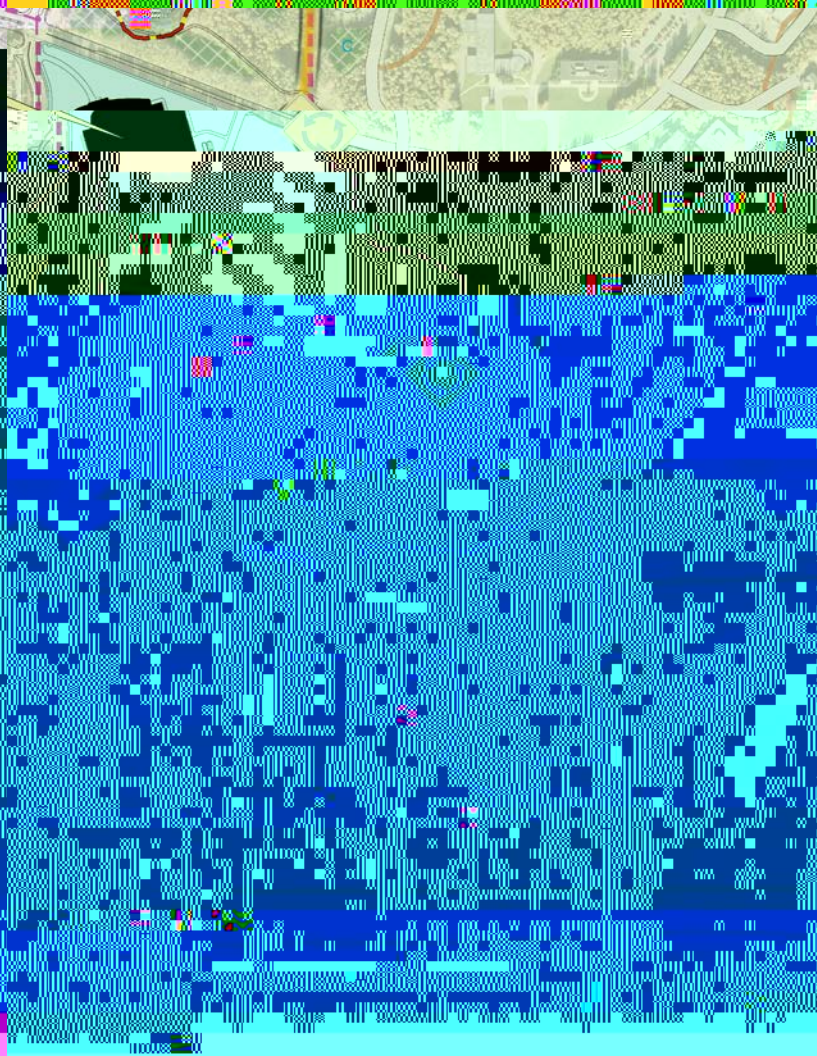
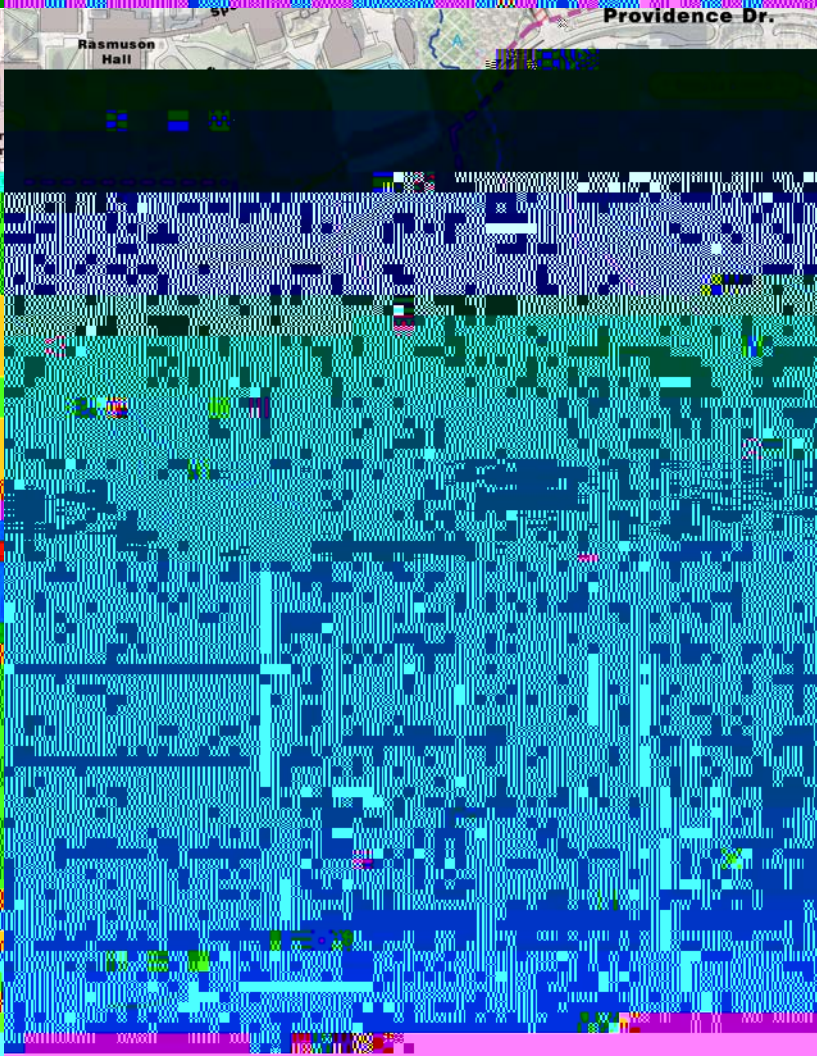
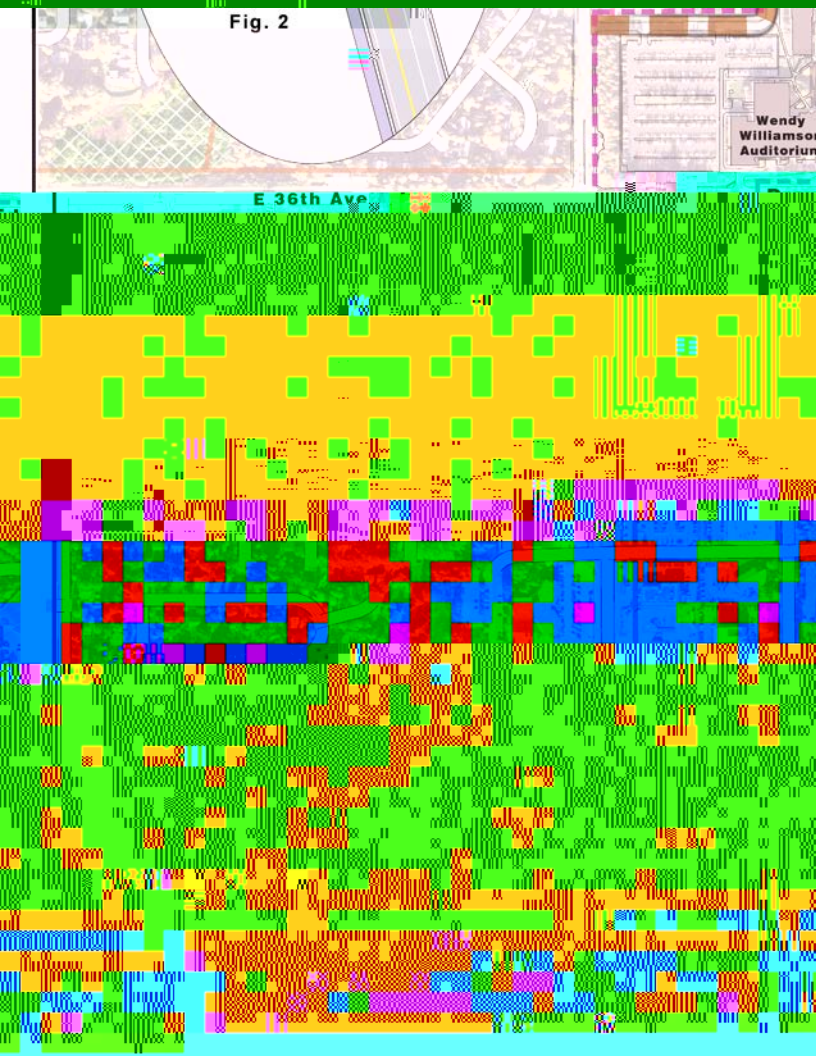
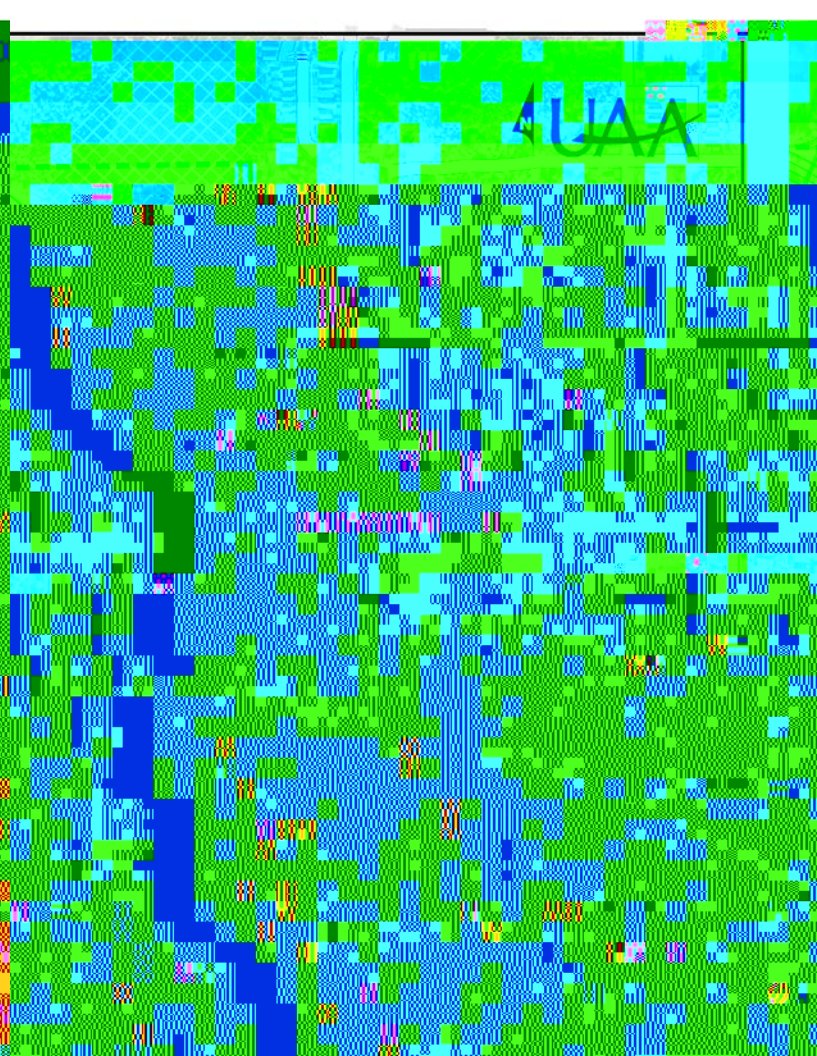
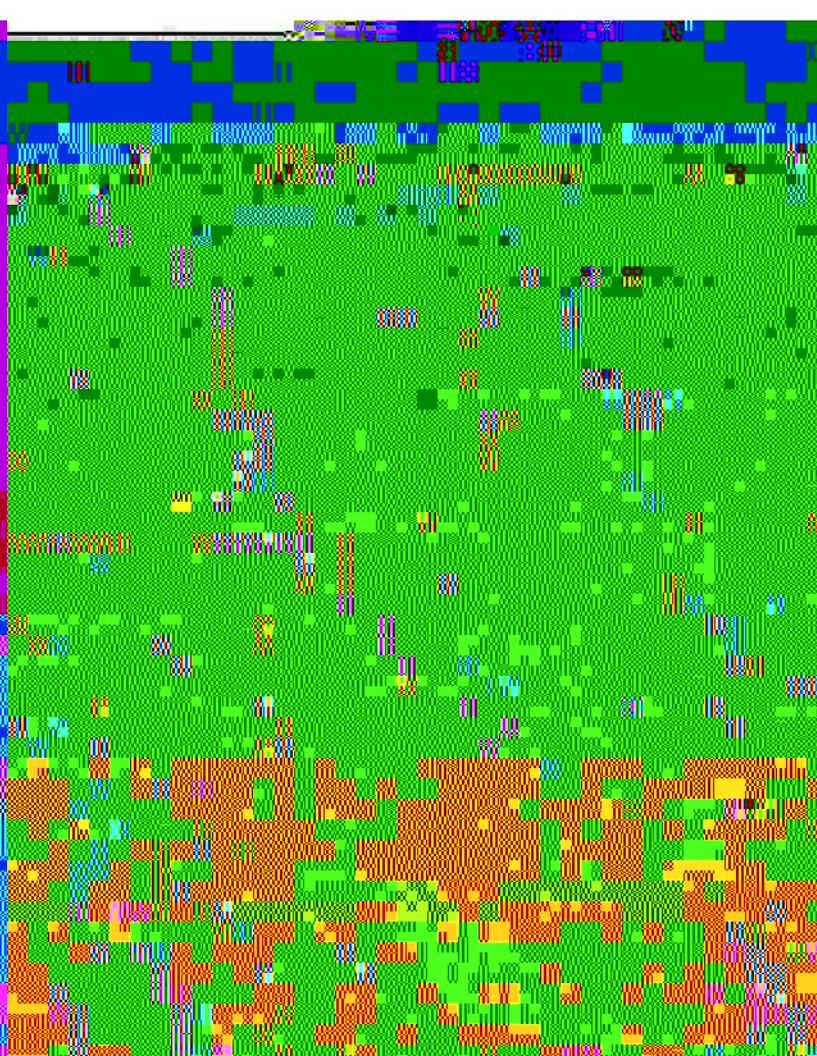
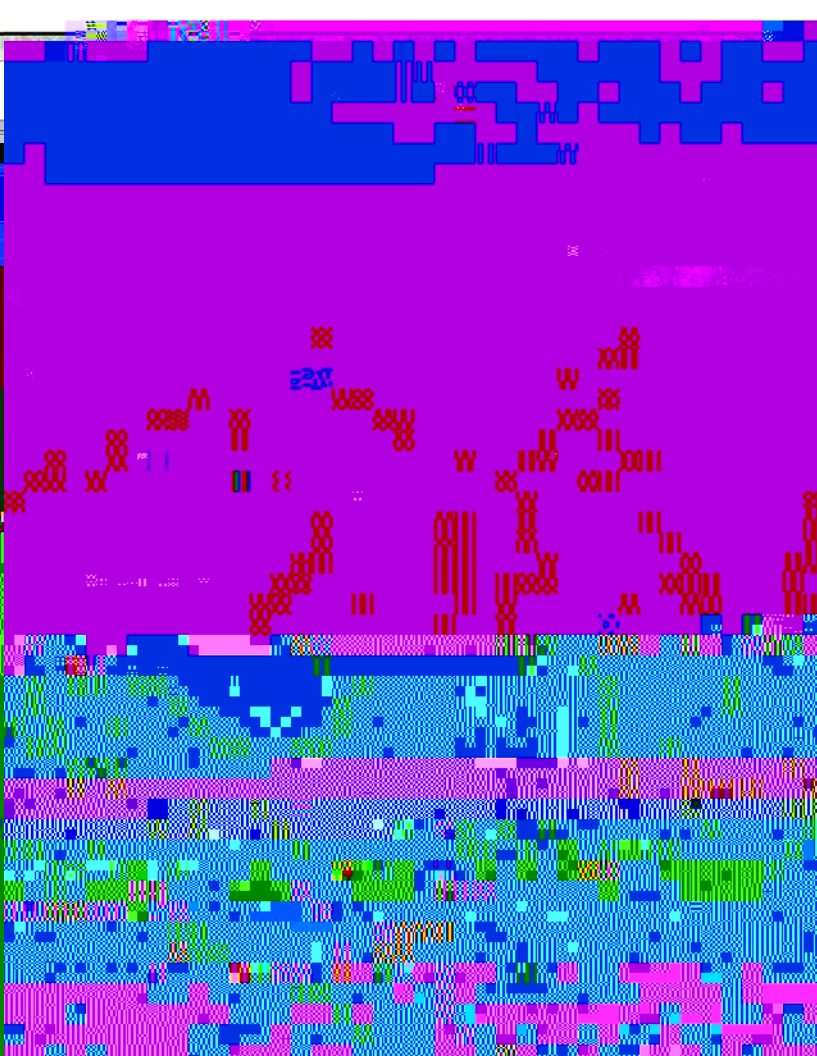
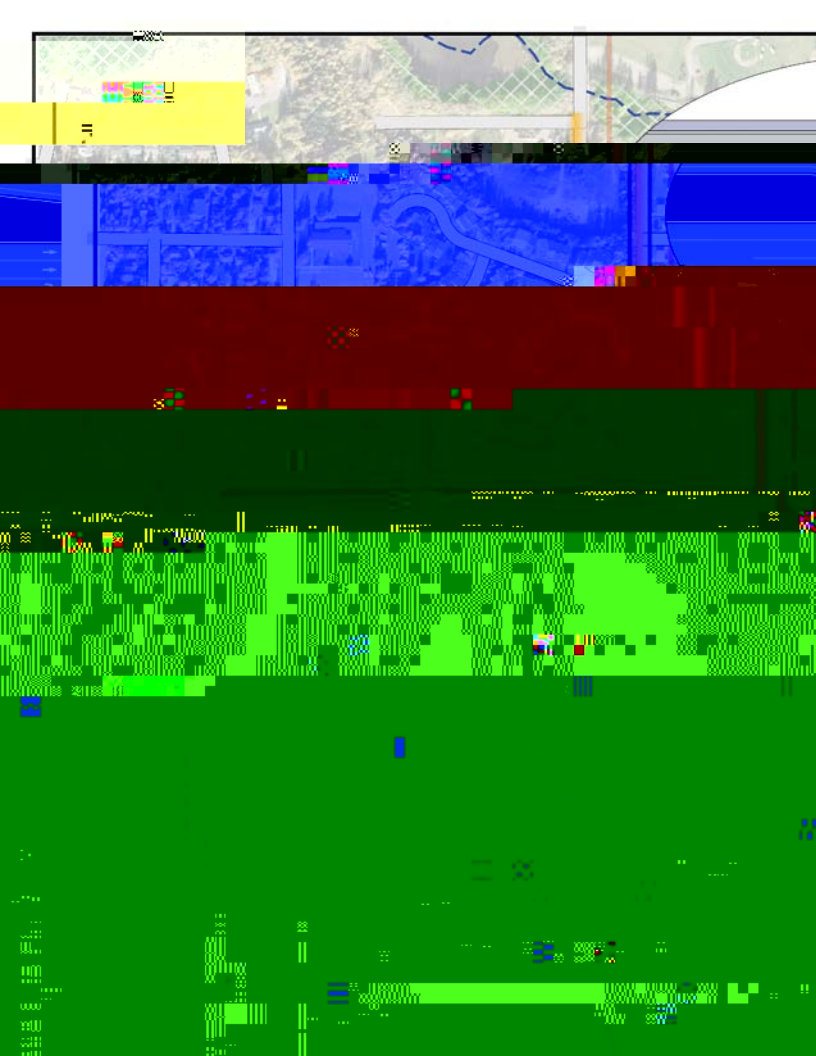
The New Engineering and Industry Building coupled with the renovation of the existing Engineering Building will provide laboratory and classroom space to meet the need of current programs as defined by the 2010 UA Engineering Plan by Ira Fink Associates. In addition to serving the current program needs, the project will allow engineering academic programs and support services that are currently off campus at the University Center (ESPMP program faculty and staff) and the ULB Annex (fabrication shop) to be brought back to campus.

The impact of the project on traffic at the UA campus can be described as follows: 1) shifting of existing traffic loads (trips) from one area of campus to another by building the garage at the Mallard site and eliminating parking in front of the Book Store, 2) additional parking spaces required due to the repatriation of the off site programs, and 3) some anticipated growth of current engineering programs based on greatly improved classrooms and laboratories. Regardless of the actual need for parking or the impacts to traffic discussed above, the project must conform to the land use requirements of the Municipality of Anchorage (MOA). These requirements are set forth in the Anchorage Municipal Code and Ordinances, Title 21.

Municipality of Anchorage Parking Requirements for the new Engineering & Industry Building:

1. The new building is sited on an existing parking lot south of the University Book Store. The facility site is displacing 260 existing parking spaces. The MOA will require these spaces to be replaced on campus. The new building site configuration recaptures 24 of these spaces leaving a deficit of 236 spaces to replace.
2. Under the requirements of MOA Ordinance, Title 21 new development in zoning districts other than Downtown Business Districts must provide off street parking at a rate set forth in tables contained in Title 21. This project is located on university owned property zoned as PLI (Public Lands and Institutions). Title 21.45.080.R.3 lists universities as one space per 300 gross square feet (GSF) of building area. Although the useable space in the building is approximately 75,000 sf., the gross area is 81,500 gsf. As calculated using municipal standards, creating a requirement for an additional 272 parking spaces.
3. The total combined parking is a significant disadvantage of surface parking is

that



Legend

- Buildings
- Property Boundary
- Lakes
- MOA Short Term Projects 2011-2023
- Future Trail Over / Under Crossings

GRAPHIC SCALE

Team Members:  
College Architect  
Future Learning Group  
ZOF Architects  
Canvas Design

