

CHARGE – NOVEMBER 2007

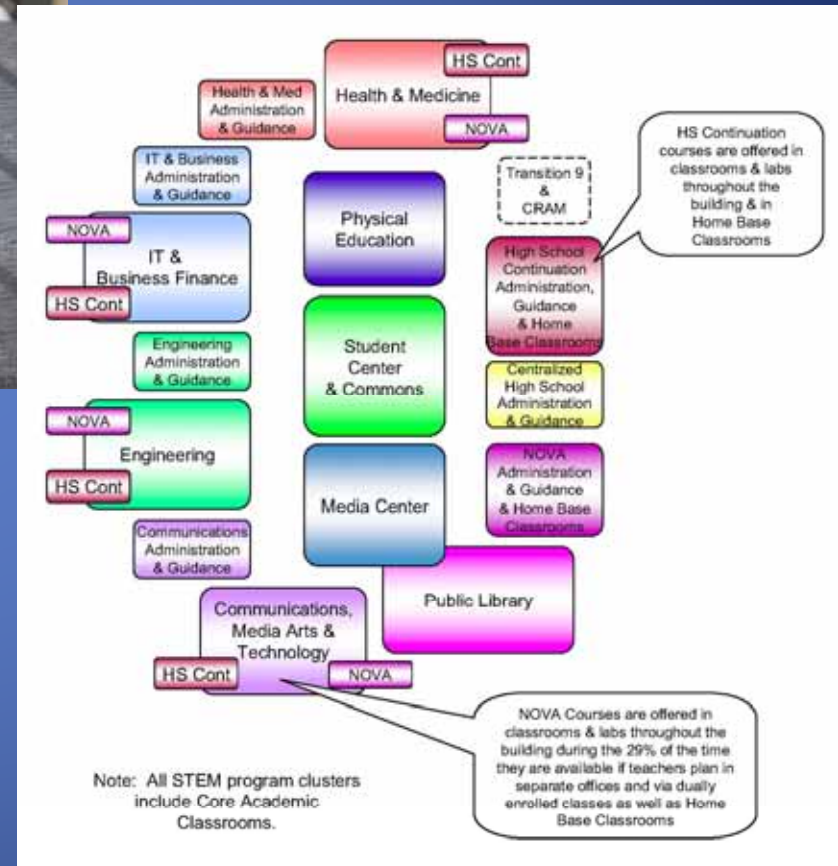


The School Board authorized resumption of work by the design team and the Career Center BLPC, to include:

- A capital needs assessment of the building and its systems*
- Development of a conceptual design which reflects consideration of space for the High School Continuation program prior to completion of the entire Career Center project, or as the first phase*
- The possible participation of Northern Virginia Community College in a first phase.*

The August 2007 Feasibility Study was used as a starting point for this work.

EDUCATIONAL PLANNING



GUIDING PRINCIPLES

- *Commit totally to success for all its students*
- *Provide small learning communities that lead to a nurturing, supportive environment for learning*
- *Ensure support beyond academics for all its students*
- *Provide flexibility in scheduling*
- *Provide supportive social/emotional developmental and academic counseling*
- *Provide for emerging technologies in academic, career, and technical fields*
- *Provide acceleration opportunities for students*
- *Provide individualized programs*

COMMUNITY OBJECTIVES



- *Support and enhance the educational mission and environment for all students*
- *Minimize vehicle traffic on S. Highland and at the elementary school*
- *House the library along Walter Reed, preferably on one level*
- *Concentrate density and height on S. 9th St. and Walter Reed*
- *Provide additional larger and more functional green space*
- *Locate loading docks/parking away from Highland and Walter Reed*
- *Avoid temporary buildings and facilities*
- *Emphasize pedestrian access and usability*
- *Minimize noise emanating from the facility and the site*
- *Minimize the impact of shadows and introduce natural light*
- *Green building materials and methods to achieve LEED Silver rating*

NEIGHBORHOOD CHARACTER



COMMUNITY DESIGN ANALYSIS

Observation Image and Diagram	Context Observation	Design Influence	Design Diagram
<p>Variety of Homes - along Highway</p> 	<p>Observation: variety of house styles, colors, and materials.</p>	<p>Design Influence: variety of house styles, colors, and materials.</p>	
<p>Scale of Street - along Highway</p> 	<p>Observation: street scale, building height, and setbacks.</p>	<p>Design Influence: street scale, building height, and setbacks.</p>	
<p>Layout Edge - along Highway</p> 	<p>Observation: layout edge, building placement, and setbacks.</p>	<p>Design Influence: layout edge, building placement, and setbacks.</p>	
<p>Alignment - along Water Road</p> 	<p>Observation: alignment, building placement, and setbacks.</p>	<p>Design Influence: alignment, building placement, and setbacks.</p>	
<p>Layout Edge - along Water Road</p> 	<p>Observation: layout edge, building placement, and setbacks.</p>	<p>Design Influence: layout edge, building placement, and setbacks.</p>	
<p>Scale of Street - along Water Road</p> 	<p>Observation: street scale, building height, and setbacks.</p>	<p>Design Influence: street scale, building height, and setbacks.</p>	
<p>Entry - along Highway</p> 	<p>Observation: entry, building placement, and setbacks.</p>	<p>Design Influence: entry, building placement, and setbacks.</p>	
<p>Service Facing Site - Elementary</p> 	<p>Observation: service facing site, building placement, and setbacks.</p>	<p>Design Influence: service facing site, building placement, and setbacks.</p>	
<p>Cluster - Existing on Site</p> 	<p>Observation: cluster, building placement, and setbacks.</p>	<p>Design Influence: cluster, building placement, and setbacks.</p>	
<p>Open Space - on Site and in Neighborhood</p> 	<p>Observation: open space, building placement, and setbacks.</p>	<p>Design Influence: open space, building placement, and setbacks.</p>	
<p>Concentration of Density</p> 	<p>Observation: concentration of density, building placement, and setbacks.</p>	<p>Design Influence: concentration of density, building placement, and setbacks.</p>	
<p>Sustainable Design</p> 	<p>Observation: sustainable design, building placement, and setbacks.</p>	<p>Design Influence: sustainable design, building placement, and setbacks.</p>	
<p>Program</p> 	<p>Observation: program, building placement, and setbacks.</p>	<p>Design Influence: program, building placement, and setbacks.</p>	

BEST PRACTICES

CONCEPT DIAGRAM

CONCEPT PLAN

Fielding Nair International, LLC
 Innovative Learning Communities
 New York • Minneapolis • FieldingNair.com

Community Trade & Business Center
 2760 North First Street, Milwaukee, WI
 Conceptual Plan • July 26, 2004

BEST PRACTICES



Canby Applied Tech Center
Canby, Oregon



Cooloola Institute for Tafe
Queensland, Australia



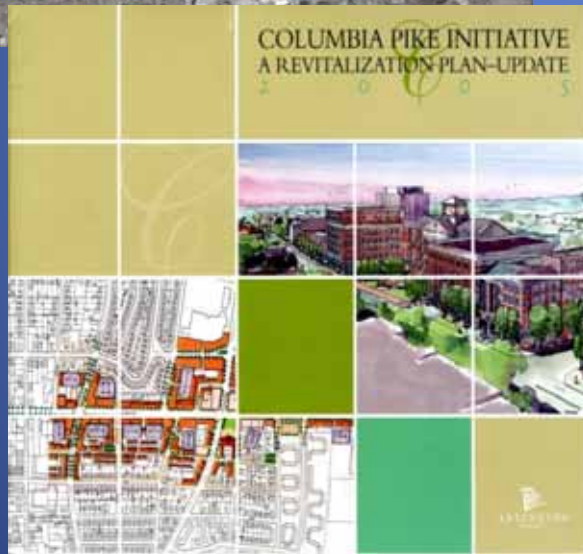
Carl Wunsche Sr. High School
Spring, TX



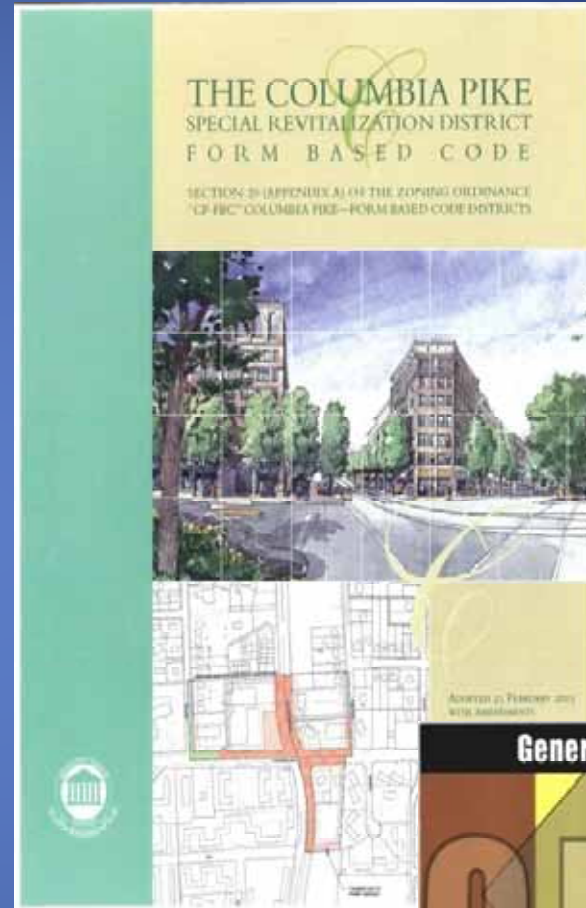
PRIOR STUDIES



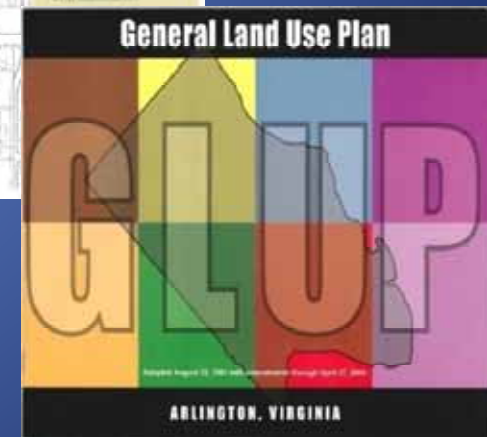
Multi-Site Study



Columbia Pike Revitalization Plan



Form Based Code



Zoning Regulations

SYNERGY OF PROGRAMS

HIGH SCHOOL CONTINUATION

Arlington currently divides its High School Continuation population between the Langston-Brown building in North Arlington and the Arlington Mill building in South Arlington. The students are often older and have life experiences more complex than the typical high school student, although their aspirations are often similar and their academic needs comparable. The divided population means that it is often difficult to have a critical mass at either site to make possible some advanced classes from which the students would benefit.



Arlington Mill



Langston Brown

HIGHER EDUCATION

Arlington has forged close links with Northern Virginia Community College (NVCC) and other institutions of post-secondary education. The Office of Career, Adult, and Technical Education and the Office of Foreign Languages in the Department of Instruction have been especially successful in working with NVCC. Several schools cooperate with George Mason and James Madison Universities, for example. Students have the ability to enroll in a variety of post-secondary courses, ranging from technical subjects to Mandarin Chinese. The Career Center's cooperation with the GMU Early Identification Program is long-standing.



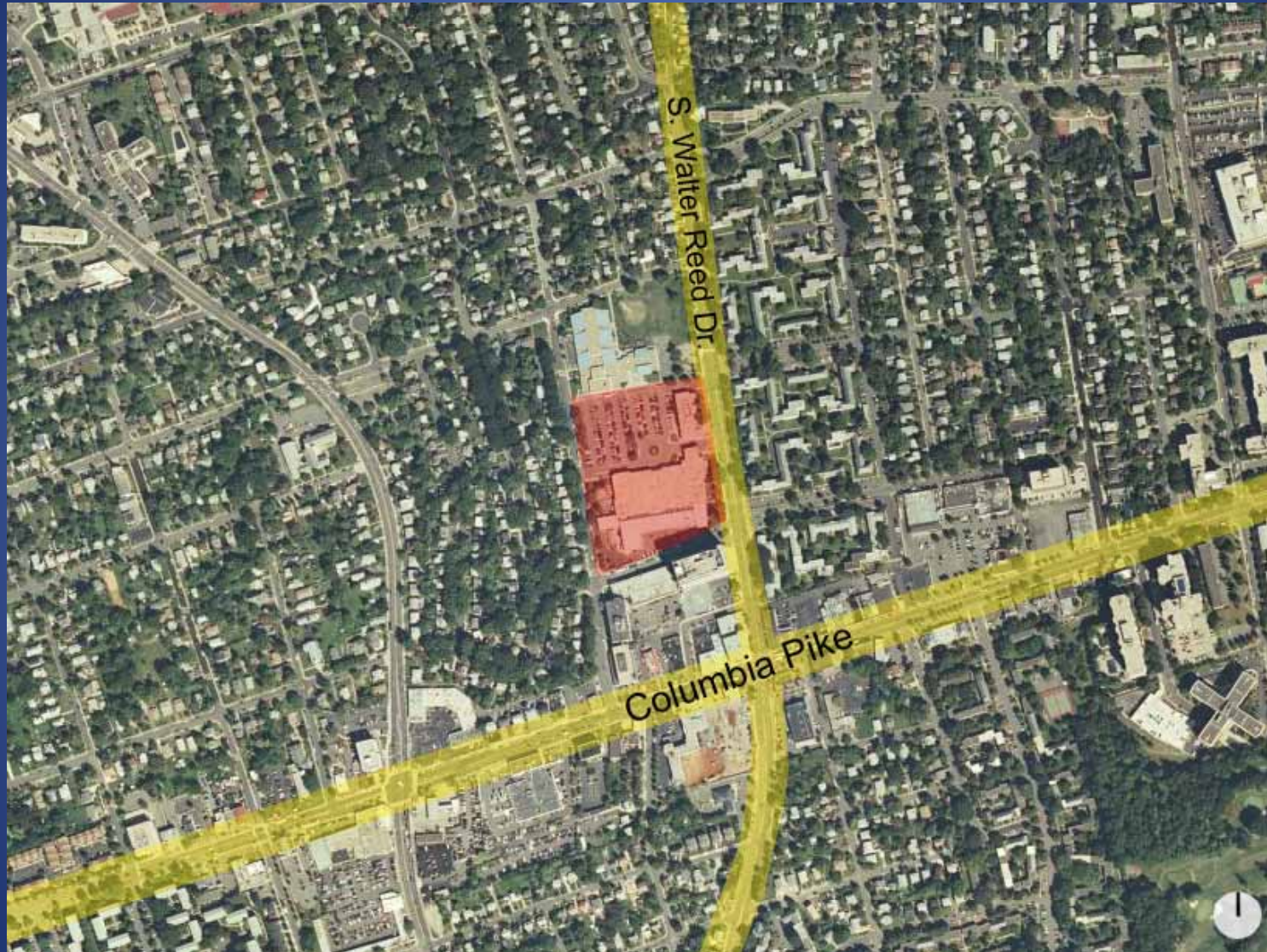
NVCC: Fast Facts

- 2nd largest multi-campus community college in US
- > 60,000 enrollments, 23,000 FTEs/yr
- Currently offer 100+ ALN courses





LOCATION



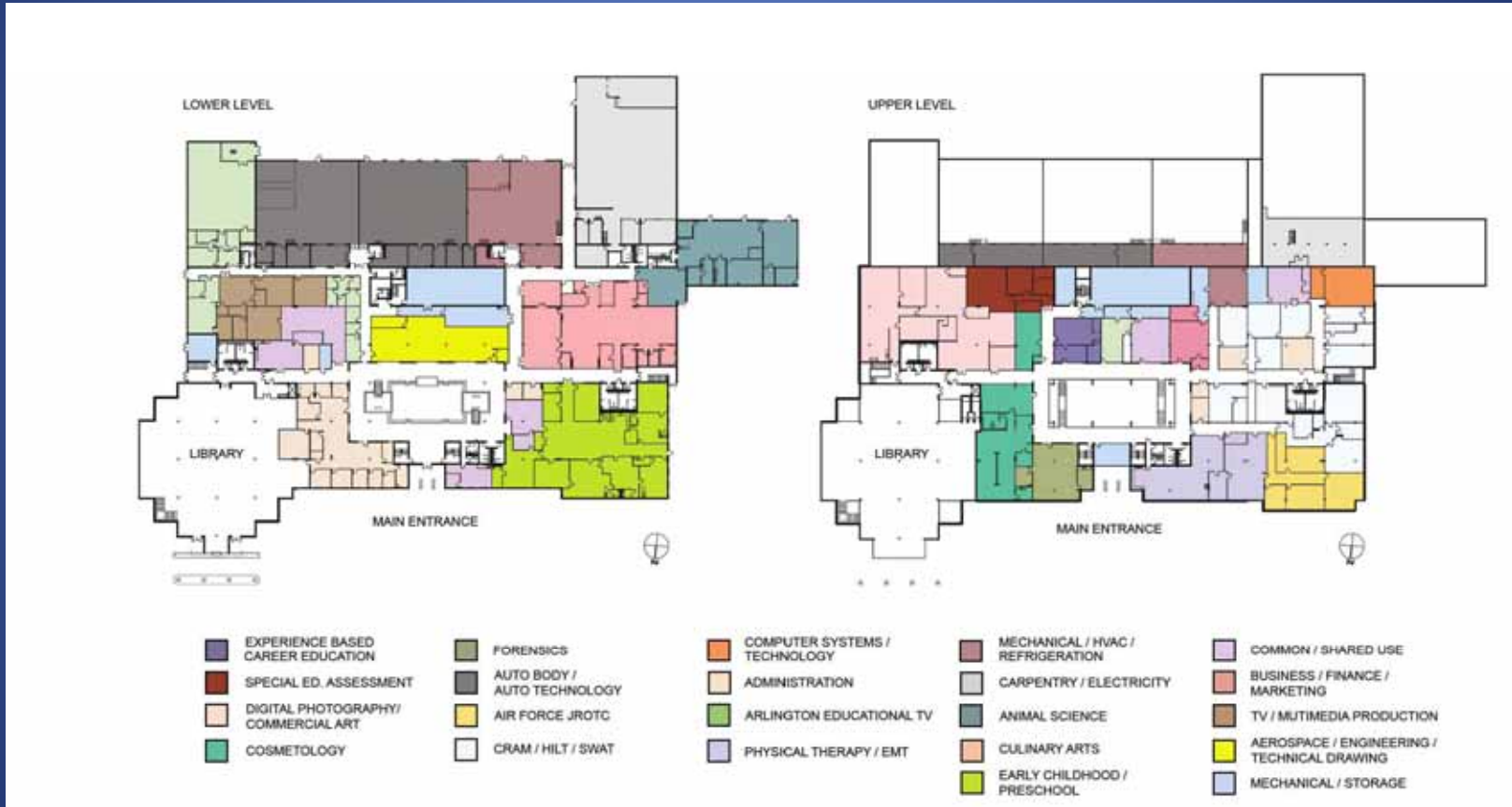
EXISTING CONDITIONS



MTFA
architecture



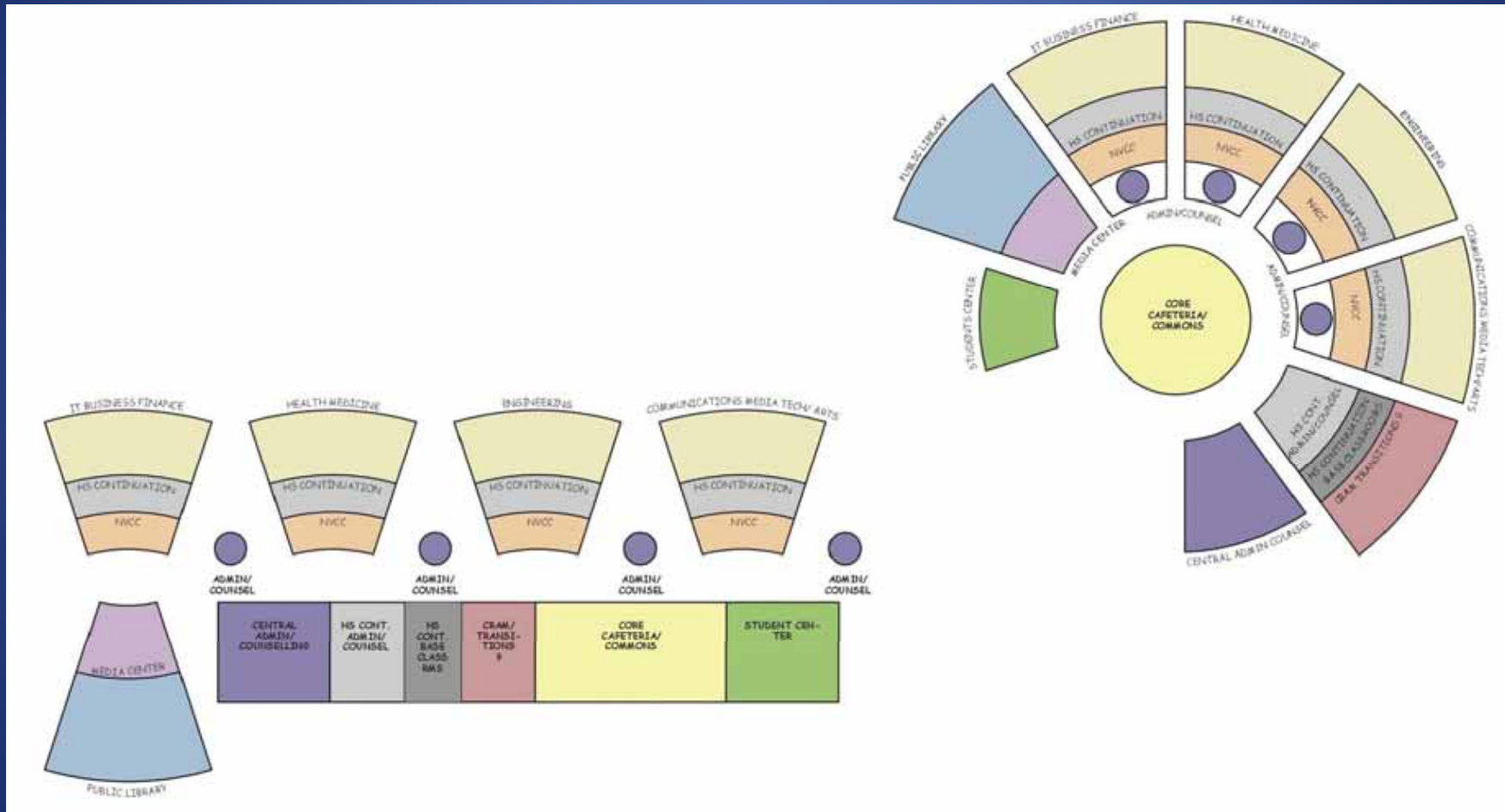
EXISTING PROGRAMS AND USES



EXISTING CONDITIONS



ORGANIZATIONAL MODELS

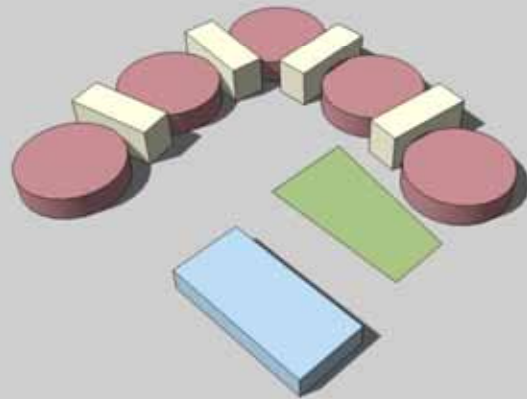


FEASIBILITY STUDIES

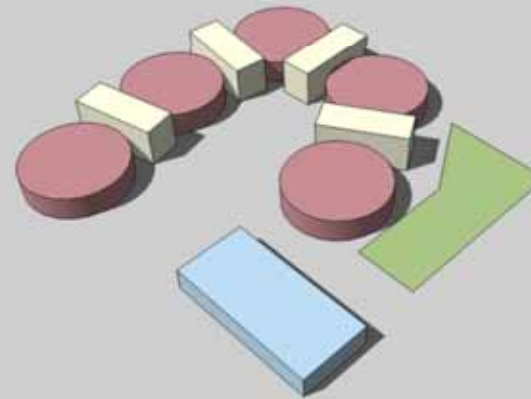


SPATIAL ORGANIZATION

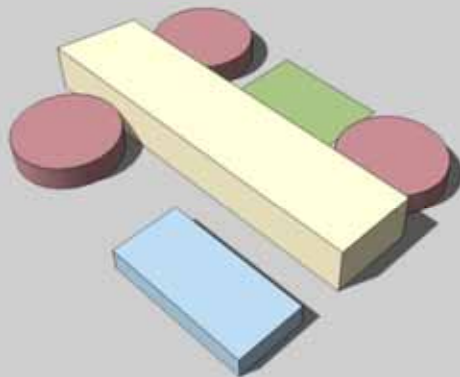
ACADEMIC PAVILIONS OPT. 1



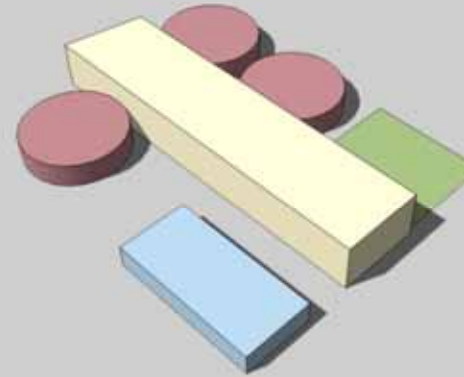
ACADEMIC PAVILIONS OPT. 2



EDUCATIONAL HQ OPT. 1



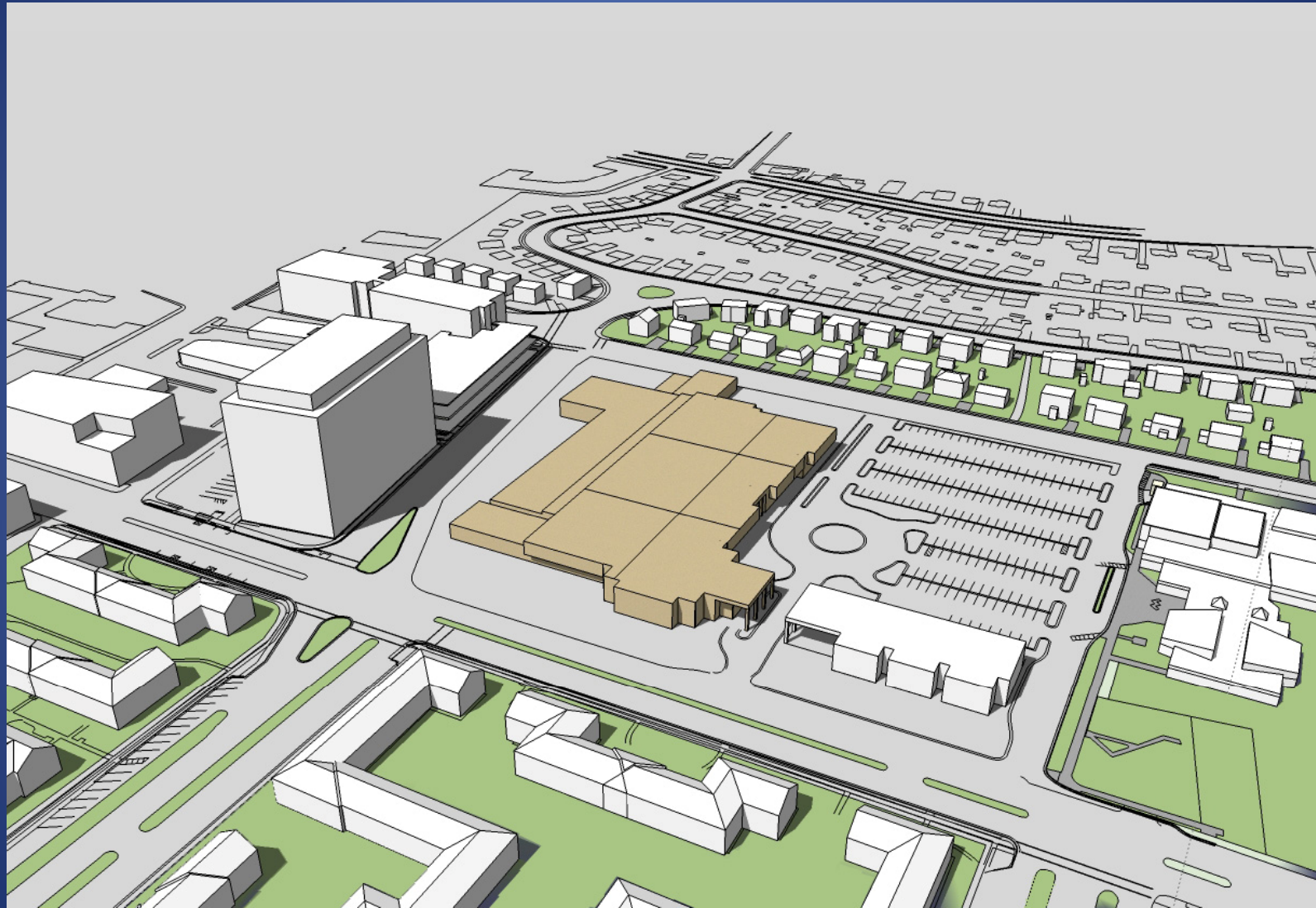
EDUCATIONAL HQ OPT. 2



BLPC STUDIES



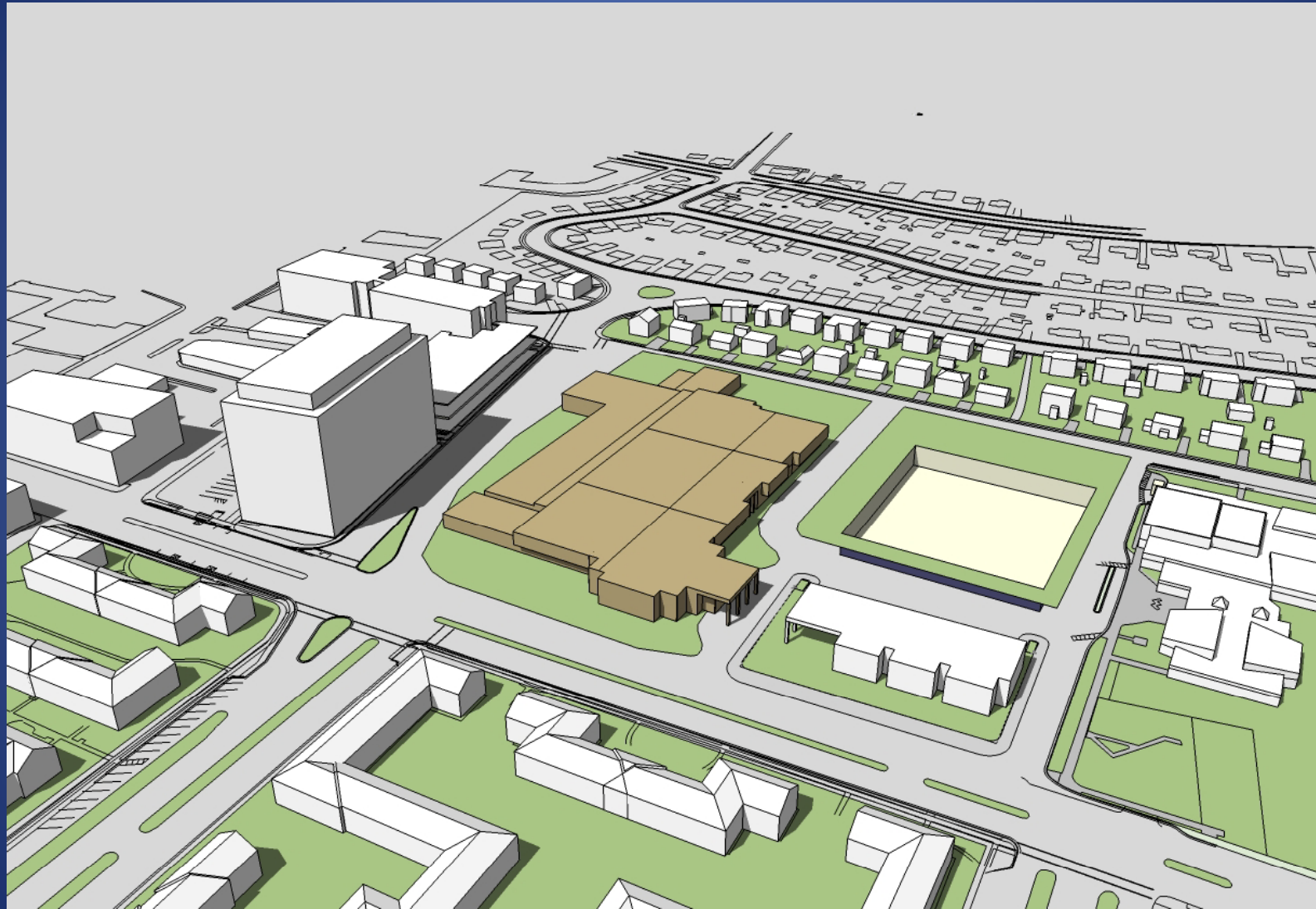
EXISTING



PARKING



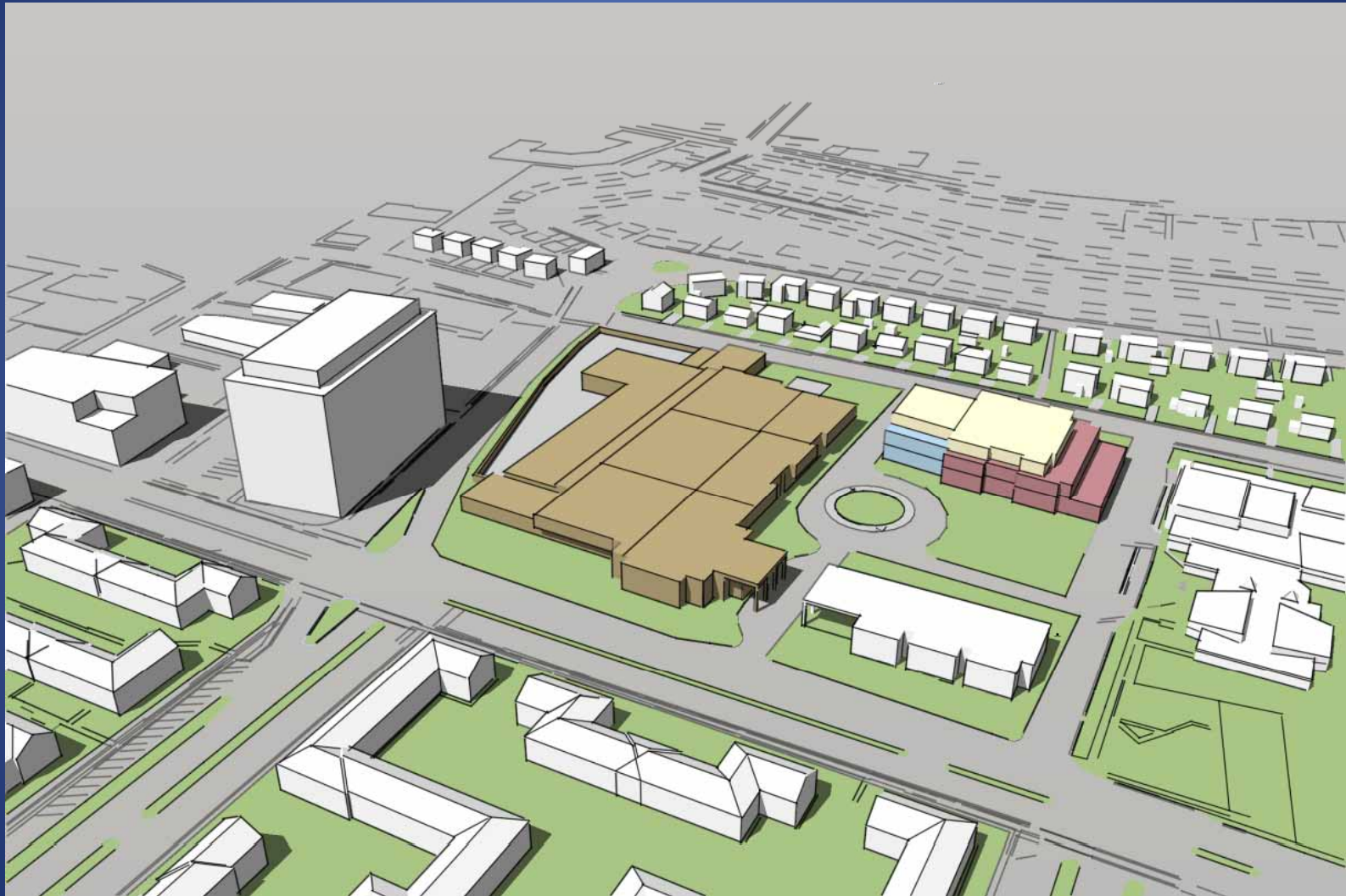
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PHASE 1 PROGRAM



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PHASE 2 PROGRAM



FULL PROGRAM



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FULL PROGRAM



PHASE 1 PROGRAM



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PHASE 1 PROGRAM



PHASE 1 PROGRAM



VIEW SOUTH ON S. HIGHLAND ST.



VIEW SOUTH ON S. HIGHLAND ST.





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