

Board of Trustees Agenda Item

Board Meeting Date: June 20, 2011

Title of Item: Presentation of Concept Designs for Foothill College Parking and Circulation Projects

Background and Analysis:

The architectural firm WRNS Studio and their team of design consultants have prepared conceptual designs for the Foothill College Parking and Circulation projects. A summary presentation of these conceptual designs will be presented to inform the Board of the nature of the Parking and Circulation improvements and to solicit any comments or feedback that the Board may wish to provide.

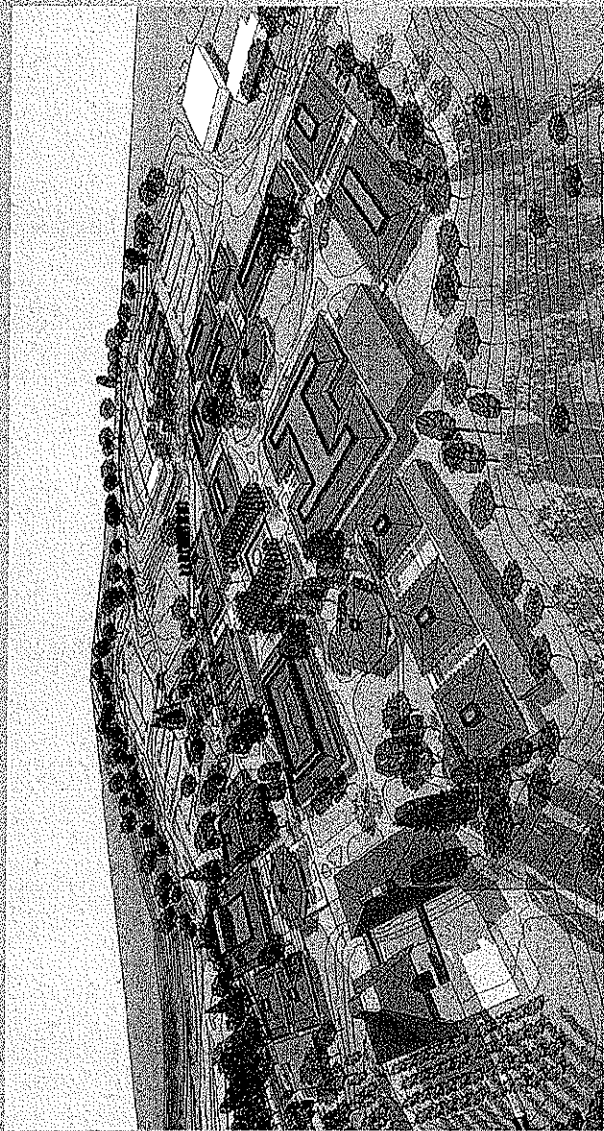
Foothill College Parking and Circulation projects include the following original Measure C projects:

- #124 – Loop Road Lighting and Safety
- #127 – Lot 6
- #128 – Complete Lot 1H
- #132 – Loop Road Resurfacing
- #138 – Lot 2&3 Slurry Coat & Restriping
- #139 – Widen Access Road to PE
- #155 – Pedestrian Bridge to Lot 1
- #162 – Parking & Circulation
- #402 – Repairs and Resurfacing of Roads & Parking

Recommendation: (INFORMATION)

Submitted by:	Charles Allen x61580
Additional contact names:	Art Heinrich x6295, Shirley Treanor, 7364
Is backup provided?	Yes

3/25/08



Outer Campus Parking & Circulation
Board of Trustees Presentation
June 20, 2011

PROJECT TEAM

Steering Committee

Frank Nunez (FHDA)
Ann Heinrich (FHDA)
Shirley Treanor (Foothill)
Brenda Visas (Foothill)
Annette Stenger (Foothill)
Chief Ron Levine (Police)
Todd Leitch (Gilbane / Maas)

Project Design Team

WRNS Studio (Wright Sherman)
Meyer Silberberg Land
Architects
Sands
Fehr & Peers Transportation
Consultants (Christine Carey)
Silverman & Light



Campus Committee Outreach

Sustainability
Building & Grounds
Academic Senate
Administration Council
Classified Senate

Technical Outreach

Teaching Studies
VITA
District Police

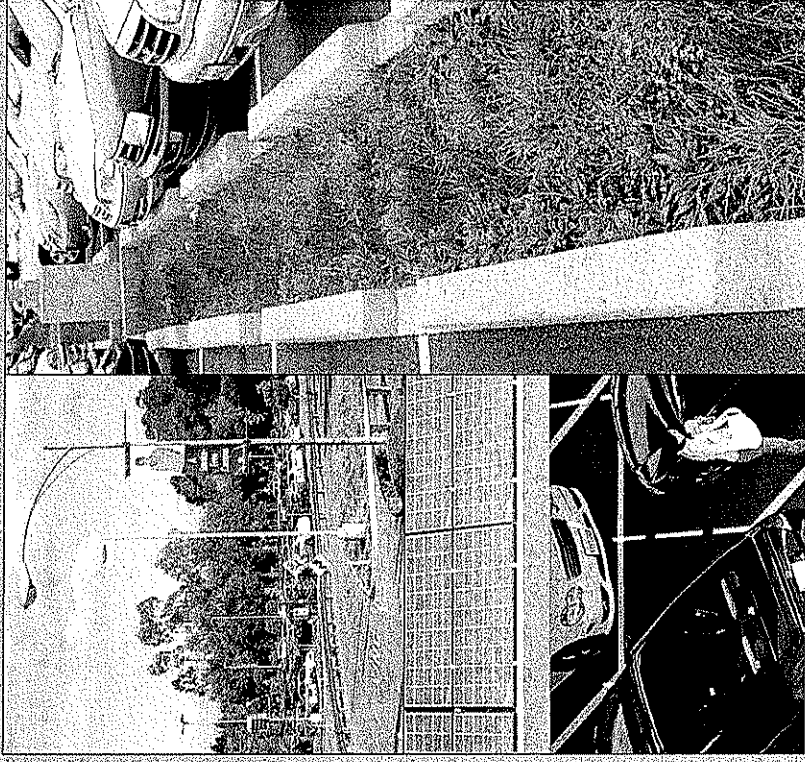
DESIGN PROCESS

GUIDING PRINCIPLES

- Safety
- Accessibility
- Convenience
- Sustainability
- Aesthetics
- Holistic Approach
- Apply Engineering Best Practices

GOALS

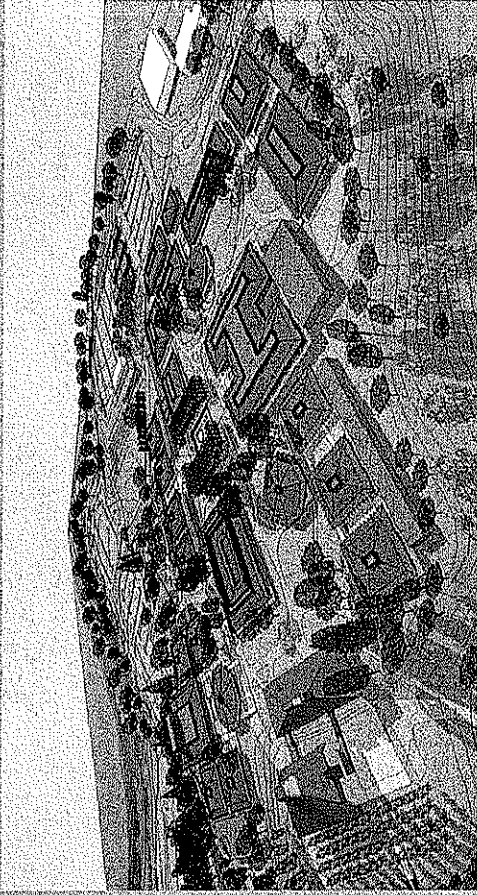
- Protect, renew, and enhance the integrity of the original campus
- Vehicle, pedestrian, bicycle safety
- Improve storm-water management
- Loop road lighting improvements and signage
- Infrastructure for future electric vehicle parking
- Reduce traffic congestion & improve traffic efficiency



DESIGN PROCESS

FUNDING SOURCES (Bond Projects)

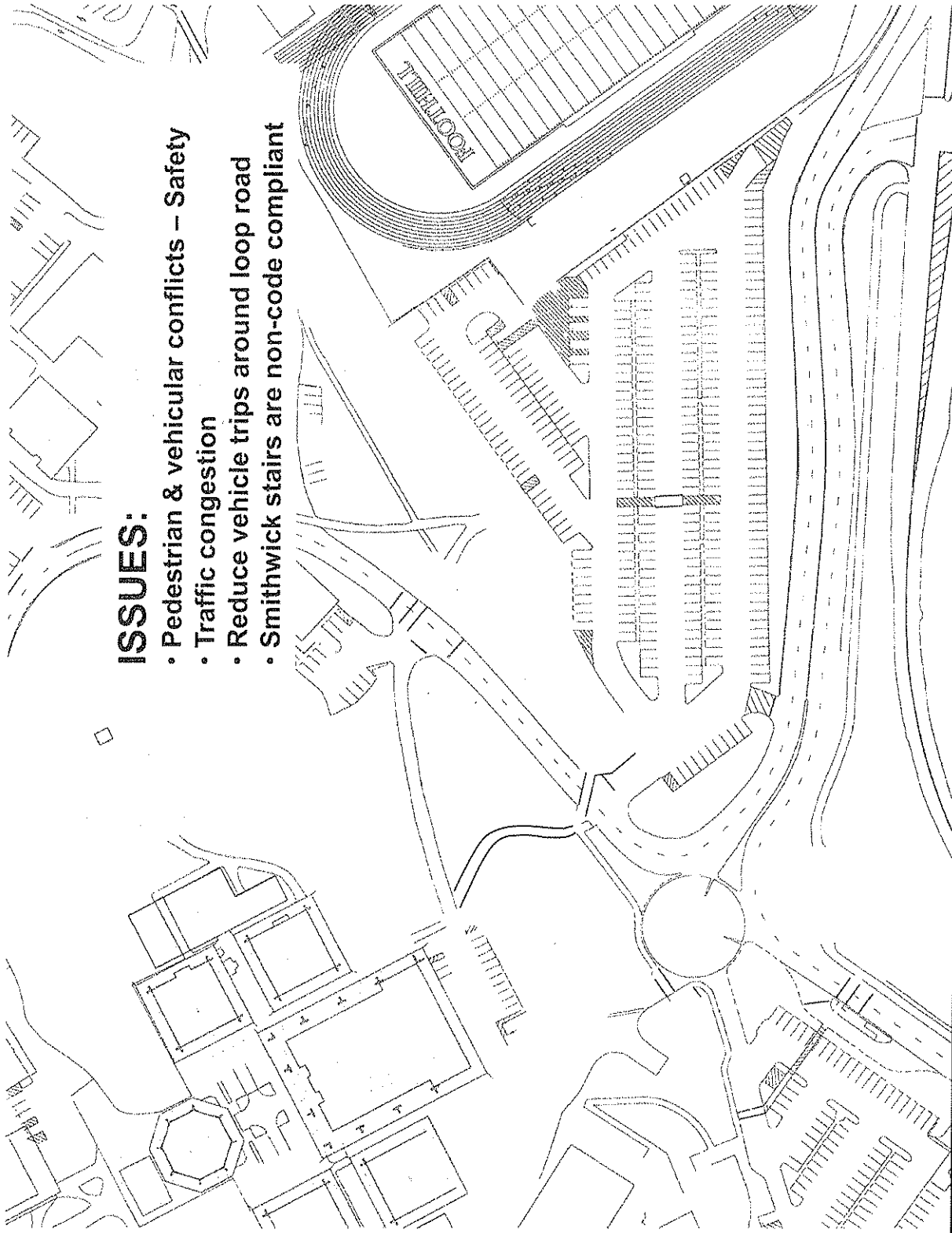
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PROJECT PRIORITIZATION PROCESS

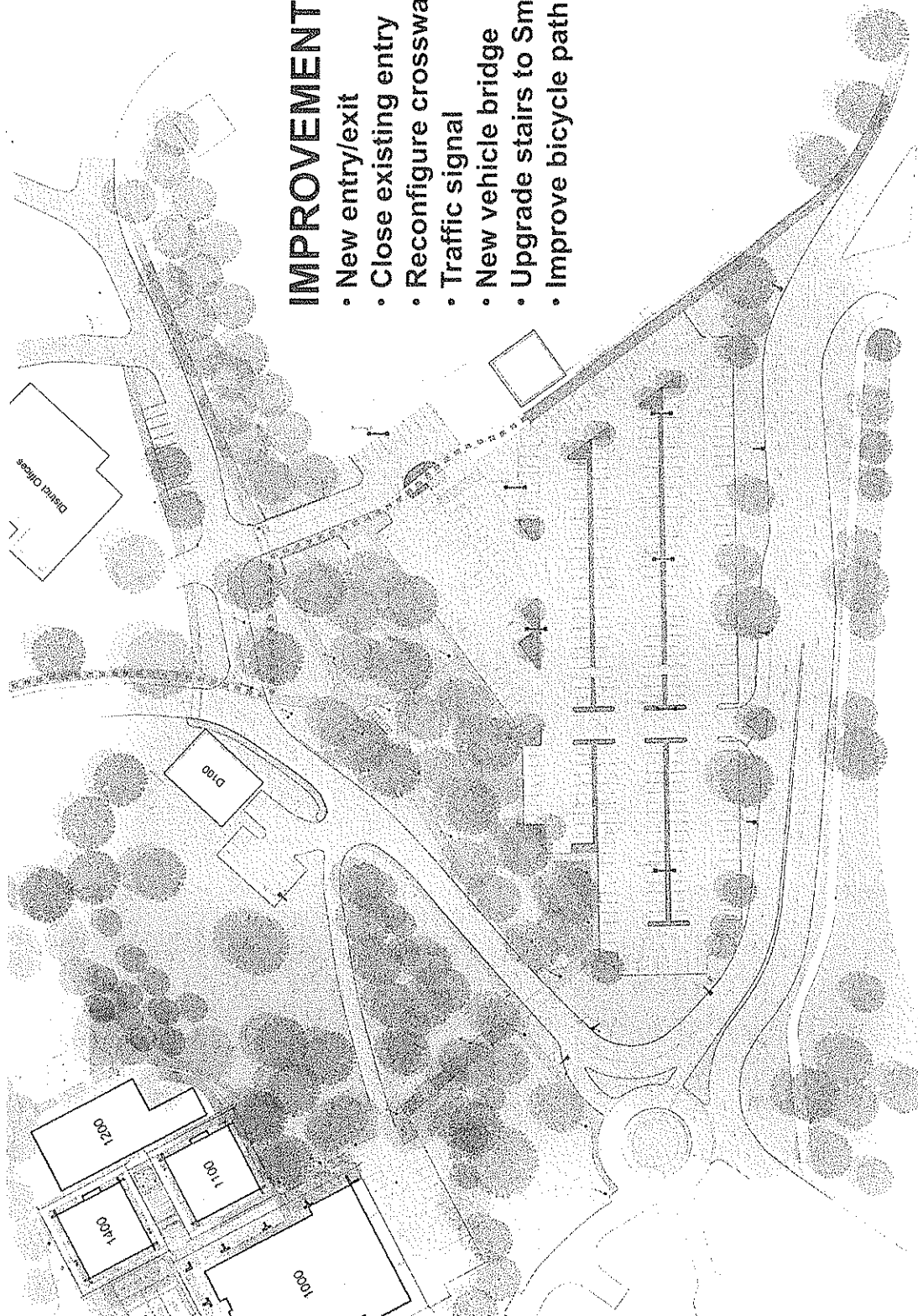
- #1 – Safety, Accessibility, Code Compliance
- #2 – Necessary Maintenance
- #3 – Discretionary Improvements





ISSUES:

- Pedestrian & vehicular conflicts – Safety
- Traffic congestion
- Reduce vehicle trips around loop road
- Smithwick stairs are non-code compliant

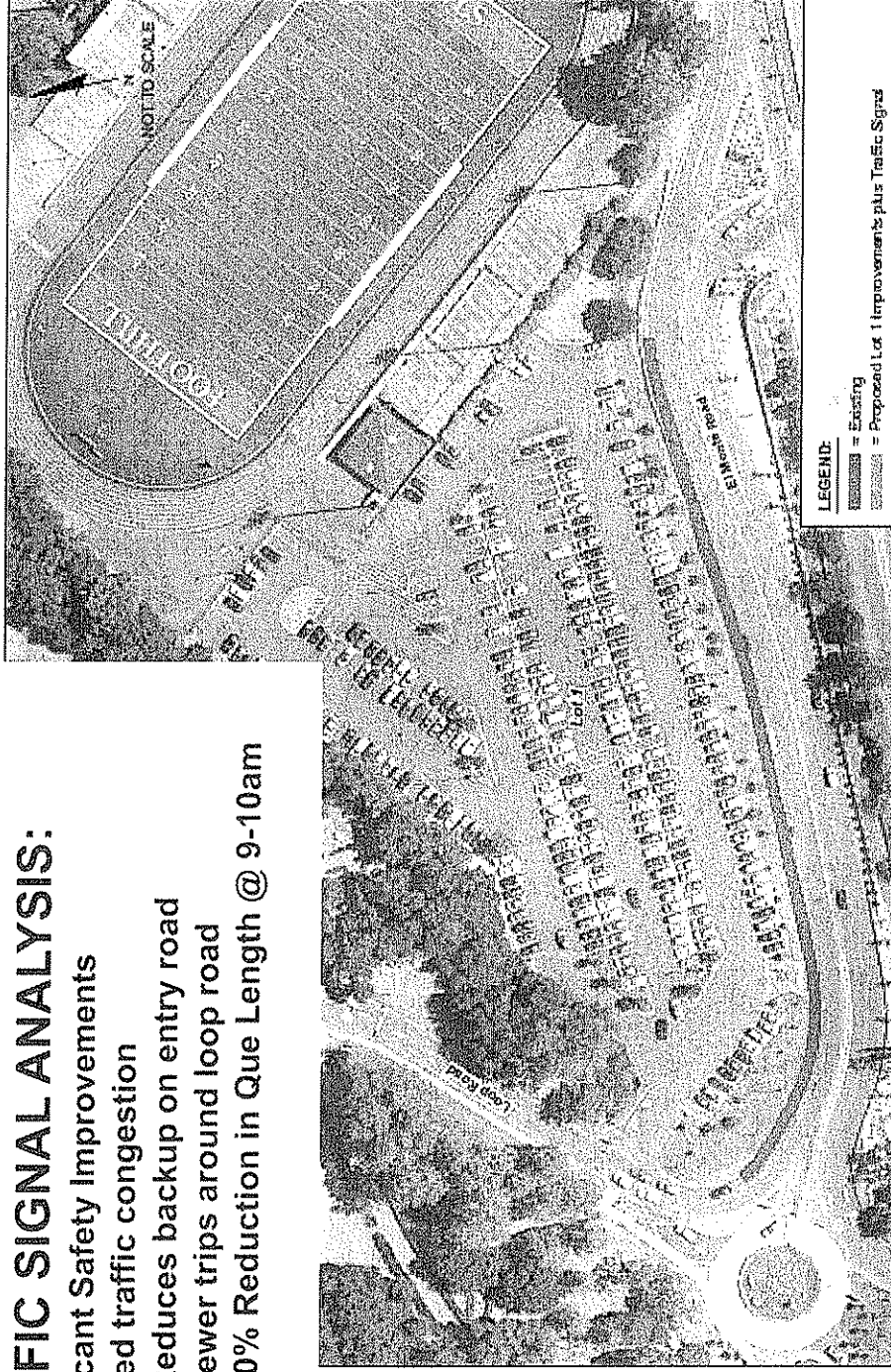


IMPROVEMENTS:

- New entry/exit
- Close existing entry
- Reconfigure crosswalk
- Traffic signal
- New vehicle bridge
- Upgrade stairs to Smithwick
- Improve bicycle path

TRAFFIC SIGNAL ANALYSIS:

- Significant Safety Improvements
- Reduced traffic congestion
 - Reduces backup on entry road
 - Fewer trips around loop road
 - 20% Reduction in Que Length @ 9-10am

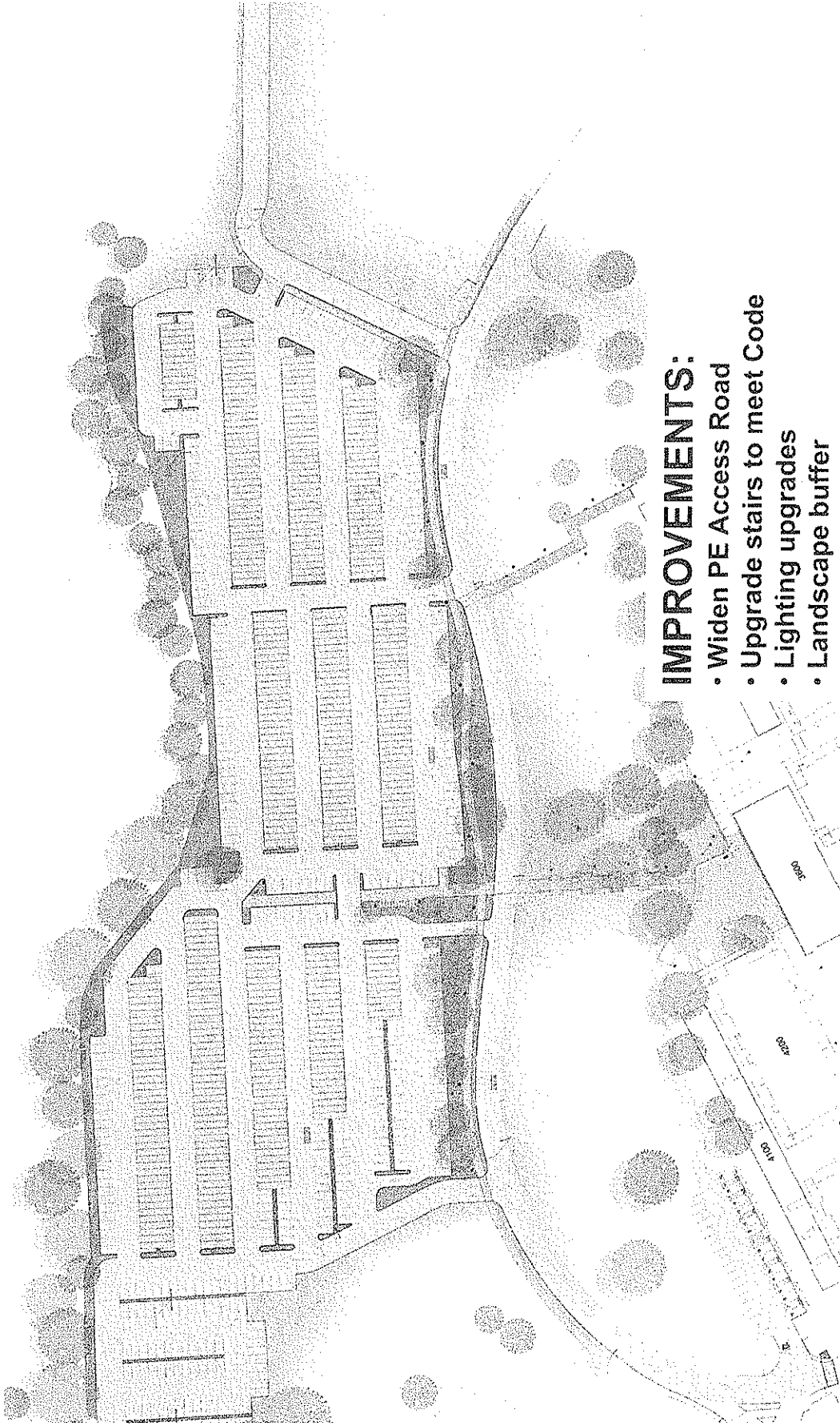


FEHR & PEERS
TRANSPORTATION CONSULTANTS

August 2010
SP04-0867/GRAPHIC/0001-271-4

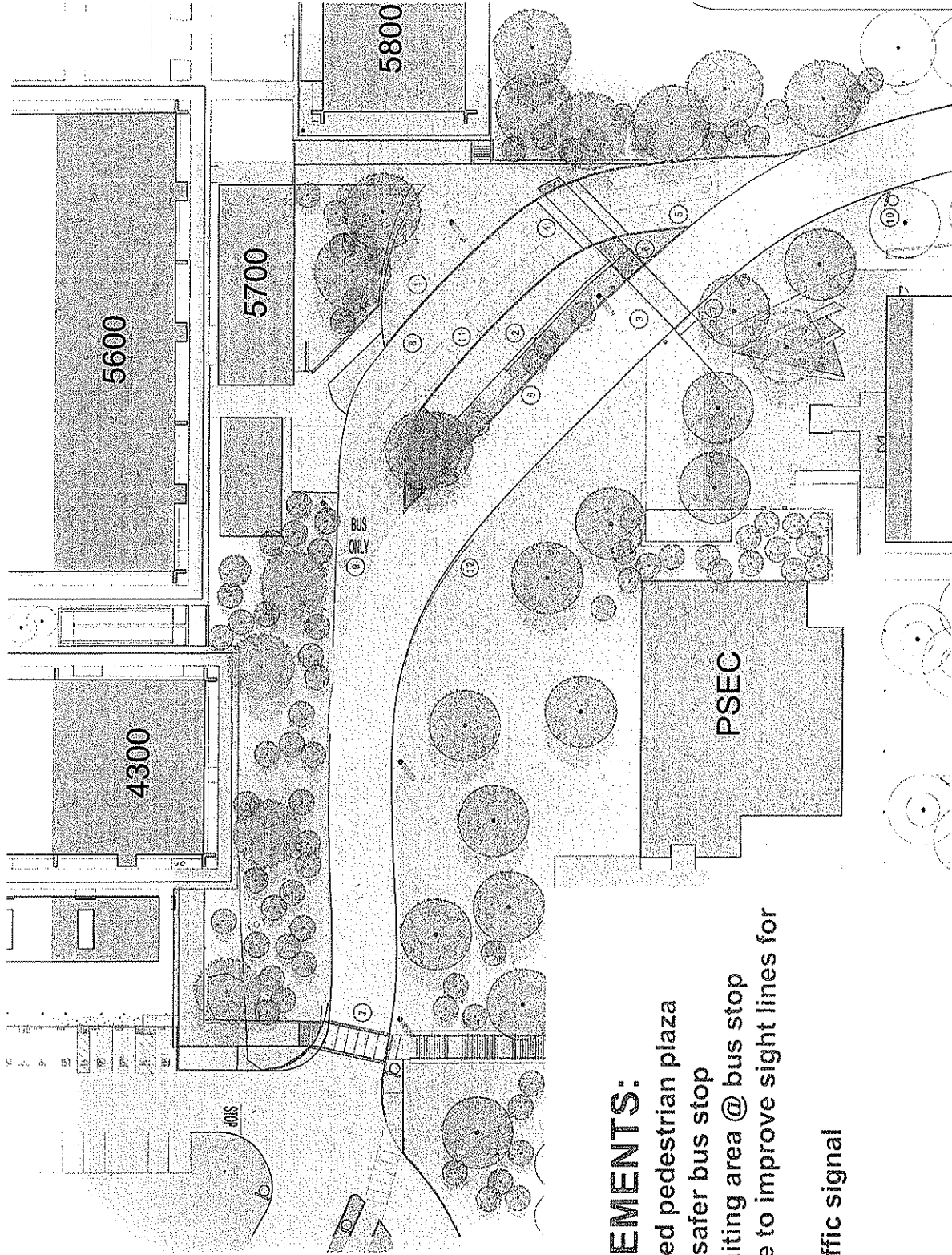
Foothill College

VEHICLE QUEUE CHARACTERISTICS EXISTING AND PREFERRED



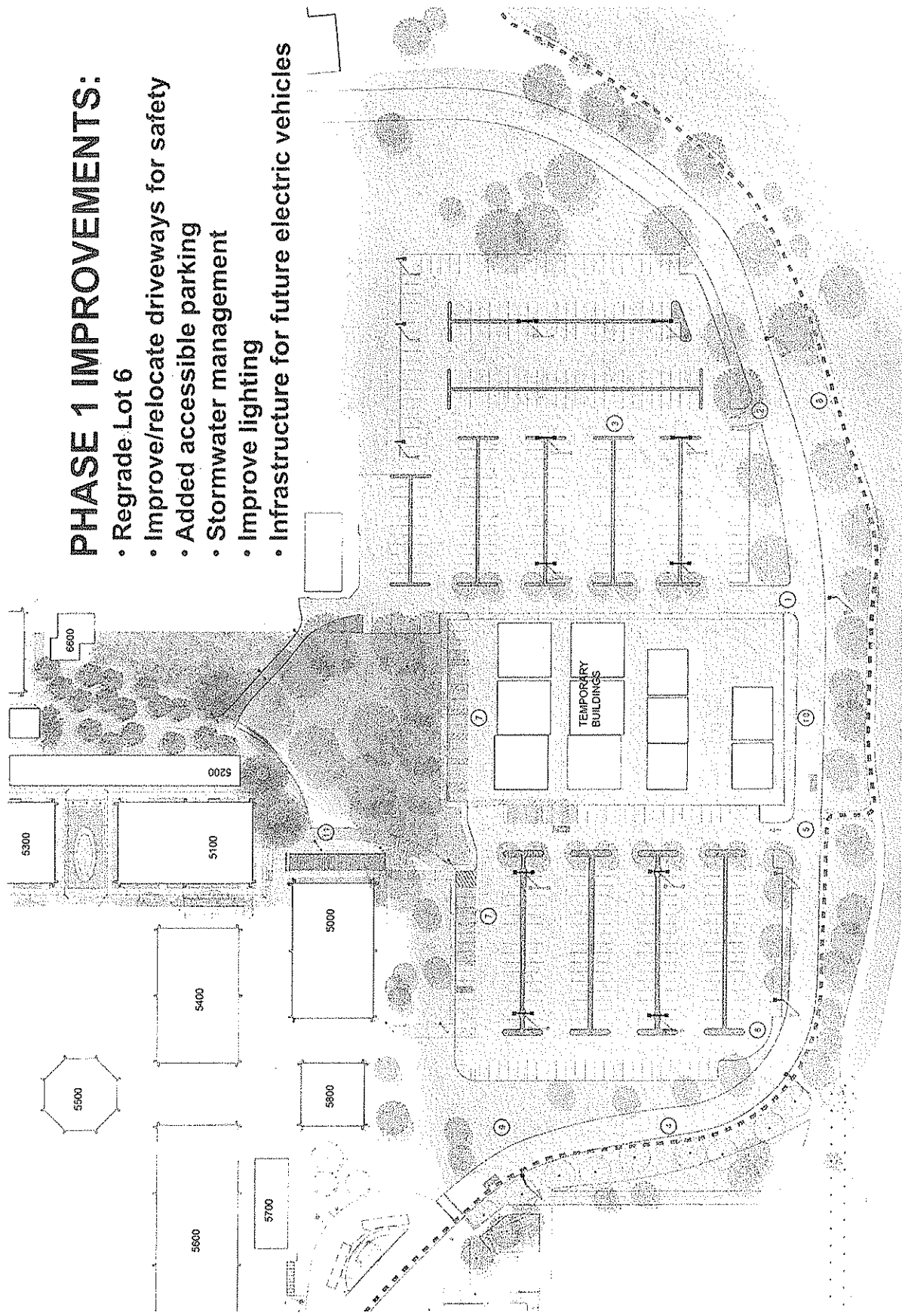
IMPROVEMENTS:

- Widen PE Access Road
- Upgrade stairs to meet Code
- Lighting upgrades
- Landscape buffer
- Pedestrian & Vehicle Circulation Improvements
- Stormwater Management



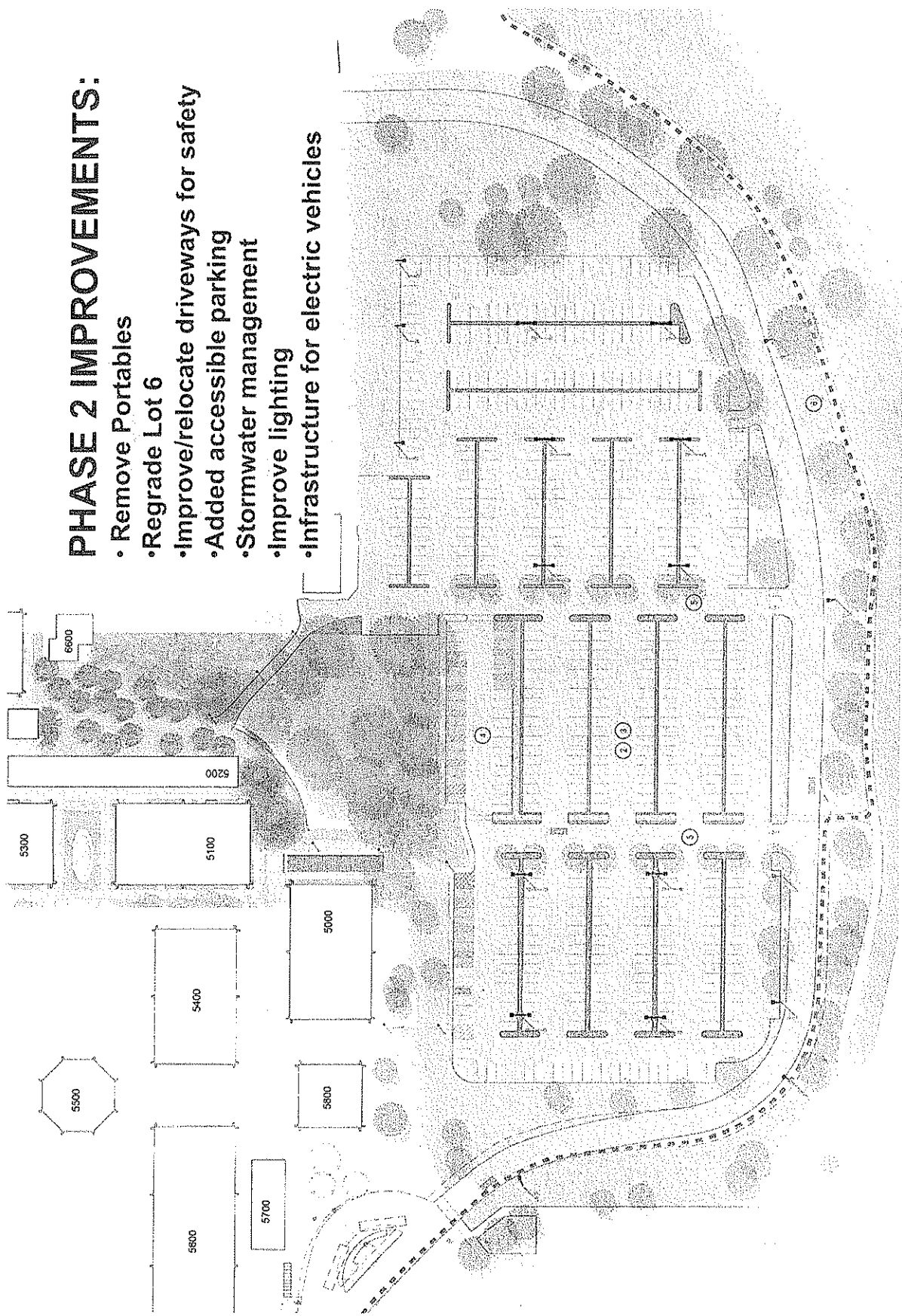
IMPROVEMENTS:

- Enhanced pedestrian plaza
- Larger, safer bus stop
- Safe waiting area @ bus stop
- Regrade to improve sight lines for safety
- New Traffic signal



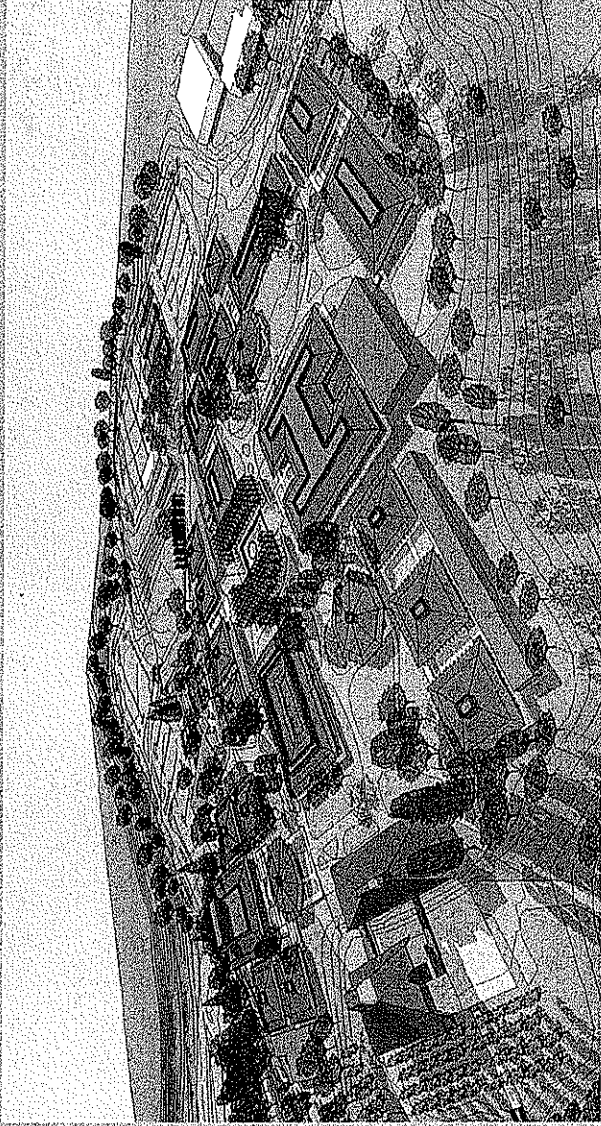
PHASE 1 IMPROVEMENTS:

- Regrade Lot 6
- Improve/relocate driveways for safety
- Added accessible parking
- Stormwater management
- Improve lighting
- Infrastructure for future electric vehicles



PHASE 2 IMPROVEMENTS:

- Remove Portables
- Regrade Lot 6
- Improve/relocate driveways for safety
- Added accessible parking
- Stormwater management
- Improve lighting
- Infrastructure for electric vehicles



PORTLAND COMMUNITY COLLEGE

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