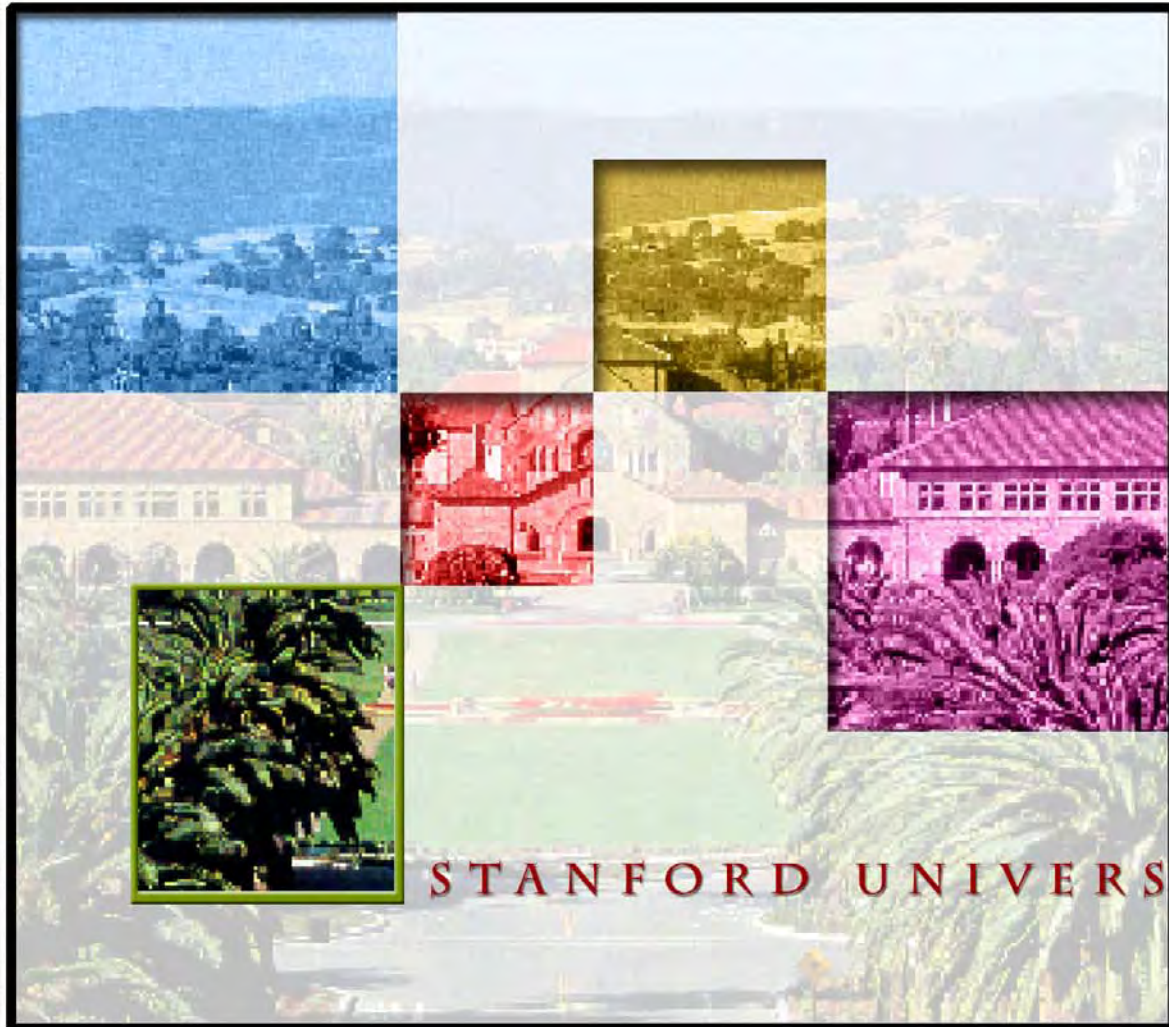


GENERAL USE PERMIT 2000

# ANNUAL REPORT NO. 7



COUNTY OF SANTA CLARA  
PLANNING OFFICE

*June 2008*

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## Appendices

Appendix A	General Orientation Maps of Stanford Lands and Campus
Appendix B	GUP Conditions and Compliance Activities
Appendix C	Cumulative Projects
Appendix D	Summary Report of Traffic Monitoring

The purpose of this Annual Report is to provide public documentation that summarizes Stanford University development and required environmental mitigation activity within the jurisdiction of unincorporated Santa Clara County, for the period of September 1, 2006, through August 31, 2007. This report documents both new projects approved during the reporting period and the status of ongoing projects. Information on project status and a summary of development through the AR 7 reporting period is provided in Section II. Section III provides a summary of GUP compliance. Details and illustrations of projects that received ASA approval during this reporting period are provided in Section IV. Section VI describes anticipated development and Section VII provides information on references and the project team. See Appendices A, B, C and D for campus maps, GUP conditions and additional compliance details, summaries of cumulative development on campus, and traffic monitoring results.

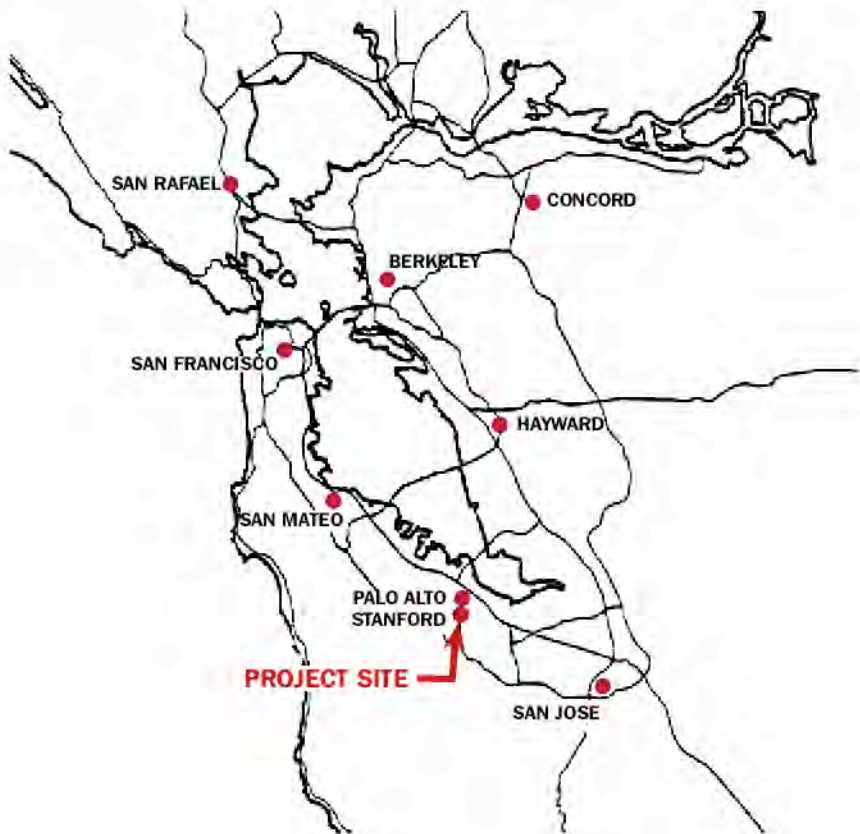
The production team for this annual report endeavored to make this report user friendly. If you have comments or questions about the format, you may forward your comments to the Santa Clara County Planning Office. For the seventh annual reporting period, Marina Rush was the Santa Clara County Planning Office project manager for the Stanford University environmental mitigation monitoring and reporting program. Specific questions regarding this project or the Stanford Community Plan/General Use Permit/Environmental Impact Report may be directed to Marina Rush. Contact information is included at the end of this report.

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# I. Introduction

Stanford University owns 8,180 acres of land, including 4,017 acres within unincorporated Santa Clara County that are subject to the land use jurisdiction and regulatory authority of the County. Please see Map 1 in Appendix A, which shows governmental jurisdiction on Stanford lands. Stanford University is a private institution and, as such, is subject to local zoning controls and project approval procedures. Stanford University land in Santa Clara County includes the academic campus, residential areas, and most of the foothills east of Alpine Road.



**Figure 1 Regional Location**

Santa Clara County guides future use of these lands through (1) the General Plan, (2) the Stanford Community Plan (CP) component of the General Plan, (3) County Zoning Ordinances, (4) other County ordinances and policies, and (5) the General Use Permit (GUP).

In November 1999, Stanford University submitted a Draft CP/GUP Application to Santa Clara County. As a result of an extensive public review process, significant changes were made in the proposed CP/GUP. Santa Clara County, the lead agency under the California Environmental Quality Act (CEQA), prepared a Program Environmental Impact Report (EIR) to disclose the

significant environmental effects of development pursuant to the CP/GUP. In December 2000, the County Board of Supervisors certified the EIR and approved the Final CP/GUP (2000 GUP).

The 2000 GUP replaced the 1989 GUP and is the permit under which Stanford continues its academic and support uses and may develop the following facilities:

- Academic and academic support facilities (an additional 2,035,000 net square feet (sq. ft.) plus the square footage remaining under the 1989 GUP)
- Childcare or community centers (an additional 40,000 sq. ft.)
- Temporary trailers and surge space (up to 50,000 sq. ft.)
- Parking structures and lots (2,300 net new parking spaces)
- Housing (3,018 housing units)

The Board approval of the 2000 GUP and the EIR resulted in mitigation measures. These mitigation measures were identified within the EIR, and formally adopted in the Mitigation Monitoring and Reporting Program (MMRP).

GUP Condition D.2 requires Stanford to implement the identified MMRP mitigation requirements as follows:

“If at any time the County Planning Commission determines that Stanford is not in compliance with one or more conditions of the General Use Permit, it may take corrective action as provided in the County Ordinance Code including, but not limited to, suspension of any future development approvals until such time as the conditions are met. Failure of Stanford to comply with aspects of the Mitigation Monitoring and Reporting Program adopted for the GUP or any specific projects approved under the GUP for which Stanford is responsible shall also constitute a violation of these GUP conditions for which corrective action may be taken as described above.”

This Seventh Annual Report (“AR 7”) documents Stanford’s development activity and compliance with both the conditions of the 2000 GUP and any specific conditions associated with proposed building projects. It covers the period from September 1, 2006, to August 31, 2007. Activities or projects that occurred after August 31, 2007, are beyond the scope of this Annual Report, but will be presented in the next Annual Report that will cover activities between September 1, 2007, and August 31, 2008.

This report is organized into seven primary sections and four appendices:

- I. Introduction** - presents the background of the 2000 GUP, its overall requirements, the reporting period of the Annual Report, and the organization of the Annual Report, and provides a glossary of terms used in this report.
- II. Development Overview** - presents major statistics on certain 2000 GUP provisions, including the academic building area cap, the distribution of development, development projects that do not count toward the building area cap, housing, and parking.
- III. Overview of Monitoring During Seventh Year** - summarizes Stanford's activities and status of compliance with 2000 GUP conditions.
- IV. Project Summaries** - provides summaries of major Stanford projects that received Architectural and Site Approval (ASA) within this Annual Report's reporting period.
- V. Other Significant Activities** - summarizes other activities that occurred during the seventh year that are not GUP-related but otherwise relevant to development at Stanford.
- VI. Anticipated Future Development** - lists projects anticipated for submittal/approval under the next Annual Report and illustrates their proposed locations.
- VII. Other Information** - presents references for the information used in this Annual Report and the persons involved in its preparation.

**Appendix A** - provides maps to illustrate the general orientation of Stanford University lands and campus.

**Appendix B** - presents the complete list of 2000 GUP conditions and associated compliance activities.

**Appendix C** - provides cumulative tables and location maps for building projects, housing projects, parking projects, and grading projects.

**Appendix D** - provides a summary of the result of traffic monitoring at the Stanford University campus between 2001 and 2007.



# Annual Report 7

## Glossary of Terms

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The following terms and acronyms are used in this Annual Report:

<b>AR</b>	<b>Annual Report:</b> “AR 7” refers to Stanford's seventh annual report on development and compliance with GUP conditions.
<b>ASA</b>	<b>Architectural and Site Approval:</b> A procedure established by the County of Santa Clara Zoning ordinance to review the quality of site and architectural design associated with a proposed project. ASA may establish conditions of approval that change and improve development design.
<b>CEQA</b>	<b>California Environmental Quality Act:</b> The overarching California law under which environmental reviews are conducted.
<b>CP</b>	<b>Stanford Community Plan:</b> Plan that refines the policies of the Santa Clara County’s 1995 General Plan as they apply to Stanford lands under County jurisdiction.
<b>EIR</b>	<b>Environmental Impact Report:</b> Documents the result of environmental analyses conducted under CEQA.
<b>GSF</b>	<b>Gross square feet:</b> The total number of square footage of construction, irrespective of any demolition conducted.
<b>GUP</b>	<b>2000 General Use Permit:</b> Permit issued to Stanford by the County of Santa Clara, which describes the allowable distribution of additional building area, and establishes procedures under which construction may occur and associated measures that must be accomplished before, during and after construction as conditions of approval for development.
<b>NPS</b>	<b>Non-point source:</b> Refers to pollution of runoff by diffuse sources, such as vehicle traffic on parking lots or streets.
<b>NSF</b>	<b>Net square feet:</b> Total “net” or overall change in square footage. This category designates a total amount of positive or negative square footage for a project, based on square footage of total construction (“gross square footage”) less any “credits” for demolition.
<b>SDS</b>	<b>Sustainable Development Study:</b> GUP Condition E.5 requires Stanford to complete and submit to the Planning Office for Board of Supervisor approval a Sustainable Development Study.

## II. Development Overview

### GUP Building Area Cap

The 2000 GUP (GUP Condition A.1.b) establishes a 2,035,000-net-square-foot building area cap for new academic and academic support uses. The limit applies to most nonresidential development that Stanford proposes to build during the time that this GUP is in effect. Because the exact amount of square footage may change due to design refinements that occur between initial ASA application and issuance of a building permit, the County requires that the actual square footage deducted from the building area cap be documented at the time a building permit is issued. Deductions from the 2000 GUP building area cap are made in this annual report for those projects that received building permits between September 1, 2006 and August 31, 2007.

The GUP generally distributes the 2,035,000 sq. ft. of additional academic and academic support facilities among 10 development districts on the Stanford Campus. Map 2 in Appendix A shows the development districts. The majority of 2000 GUP academic building area is allocated to the Campus Center. The allocation of square footage between the development districts can deviate from the GUP's general allocation as long as the GUP procedures are followed (see GUP Condition E.2). For example, during the prior AR 6 reporting period, the allocation for Campus Center was revised down from 1,605,000 gsf to 1,600,268 gsf to allow for the allocation of 4,732 gsf to the Foothill development district, which is consistent with the General Plan and zoning.

Table 1 lists the development districts, the 2000 GUP allocation of building area for each district, and the amount of academic/academic support square footage that received ASA or building permit approval in each district during this reporting period. The academic/academic support projects that do not affect the GUP building area cap are not shown in Table 1. See Section IV, Project Summaries, for additional information on projects that received ASA approval during the AR 7 reporting period.

# Annual Report 7

**TABLE 1  
ANNUAL REPORT 7  
DISTRIBUTION OF GUP-ALLOWED ACADEMIC AND ACADEMIC SUPPORT  
DEVELOPMENT<sup>1</sup>**

Development District	2000 GUP Building Area Distribution <sup>2</sup> (gsf)	ASA Approved Space (sq. ft.)	Building Permit Approved Space <sup>1</sup> (sq. ft.)	Previous ARs Cumulative Building Permit Approvals (sq. ft.)	Cumulative Total Building Permits Approved (sq. ft.)	GUP Balance Remaining (sq. ft.)
Campus Center	1,600,268	13,090	0	280,605	280,605	1,319,663
DAPER & Administrative	250,000	7,271	0	53,836	53,836	196,164
East Campus	110,000	0	0	(-29,712)	(-29,712)	139,712
Quarry	50,000	0	0	0	0	50,000
Lathrop	20,000	0	0	0	0	20,000
West Campus	0	0	0	0	0	0
Foothills	4,732	0	0	4,732	4,732	0
Lagunita	0	0	0	(-5,733)	(-5,733)	5,733
Arboretum	0	0	0	0	0	0
San Juan	0	0	0	0	0	0
<b>Total</b>	<b>2,035,000</b>	<b>20,361</b>	<b>0</b>	<b>303,728</b>	<b>303,728</b>	<b>1,731,272</b>

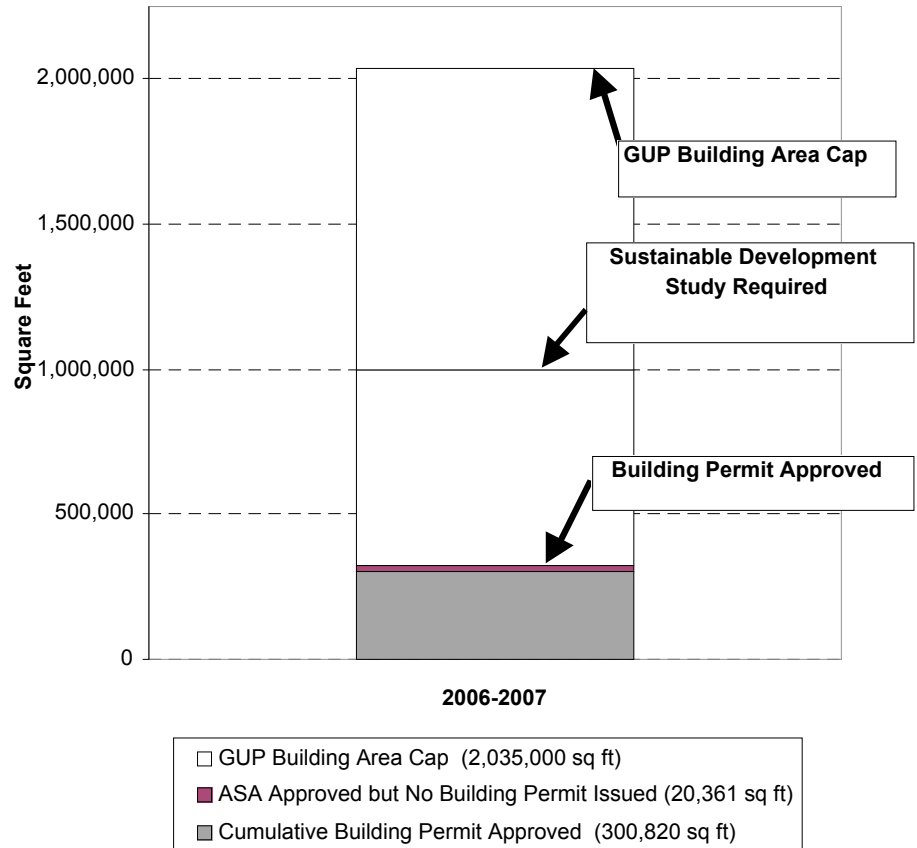
1. Square footage is counted against the GUP building area cap in the reporting year in which the building permit is approved.
2. 2000 GUP Conditions E.2, 3, and 4 allow for deviations from the building area cap for each district. Any proposed increase in development in a district will be accompanied by an identified corresponding proposed decrease equivalent in building area in the other districts so that the overall campus-wide GUP building area cap is not exceeded. A cumulative maximum of 15,000 square feet of building area may be located in the Foothills District in a manner consistent with the General Plan and zoning. This amount may not be increased. Redistribution occurred in AR 6.

During the AR 7 reporting period, several projects received ASA approvals, and building or grading permits during the current period but did not result in debits against the 2000 GUP building area cap, because they did not result in new building space, or because they used space allowed under other space caps.

Figure 2 illustrates the cumulative status of building-permit-approved square footage for academic/academic support facilities, including the ASA approved square footage counted during the reporting period, as also shown in Table 1. In addition, it illustrates the remaining allowable square footage for development under the 2000 GUP. Note that prior to development that results in a cumulative total of more than one million net new square feet of nonresidential development that counts toward the GUP building area cap, Stanford University will complete a Sustainable Development Study (SDS) and submit it to the County Planning Office. The SDS must be approved by the County Board of Supervisors.

## II. Development Overview

*Figure 2 illustrates the cumulative status of development that counts toward the GUP building area cap. The square footage of building permit approvals is cumulative. In contrast, ASA-approved square footage is only shown for projects that received ASA approval during the current reporting period.*

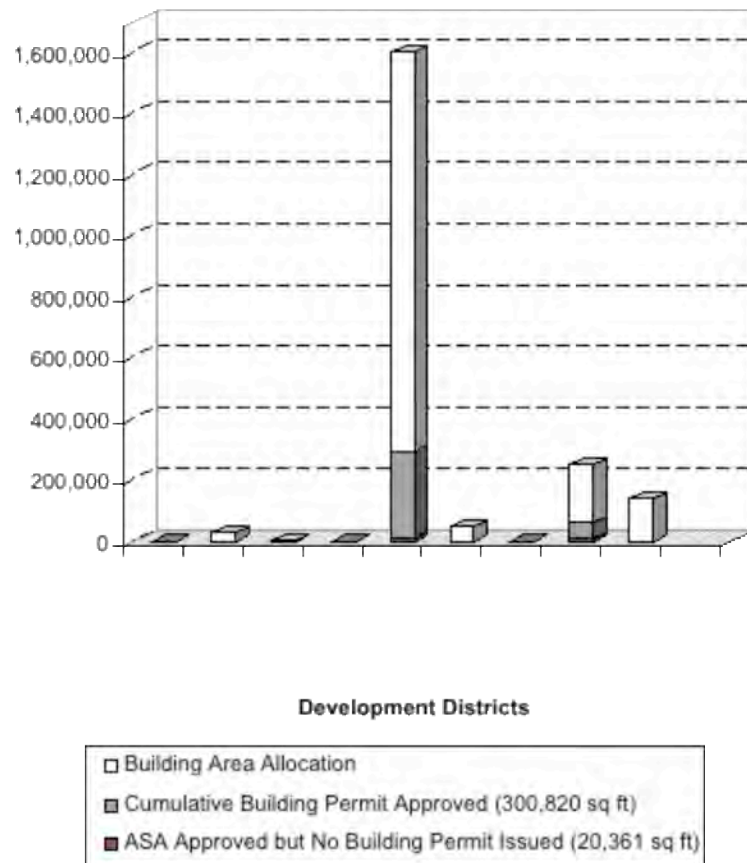


**Figure 2 Cumulative Development Activity 9/1/00-8/31/07**

Figure 3, below, based on data in Table 1, illustrates the 2000 GUP distribution of academic/academic support square footage throughout the 10 development districts, and the academic/academic support square footage that received a building permit or ASA approval during the current reporting period.

Anticipated projects for Annual Report 8 are noted in Section VI, Table 6.

*A map of Stanford University's Development Districts is provided in Map 2 under Appendix A. The distribution of GUP-allowed academic and academic support development is detailed in Table 1.*



**Figure 3 Distribution of Academic Development**

## Other Space Caps

### **Remaining 1989 GUP Approved Square Footage**

In addition to the 2,035,000 sq. ft. academic/academic support building area cap designated under the 2000 GUP, the 2000 GUP preserved the remaining 92,229 gsf of 1989 GUP-approved square footage. The remaining 1989 GUP approved square footage was consumed during the Annual Report 5 reporting period.

### **Temporary Surge Space**

The 2000 GUP (Condition A.2.c) allows Stanford University to install up to 50,000 sq. ft. as surge space during construction activities in the form of temporary trailers.

One project involving temporary trailers, which received a permit during AR 5, was removed during the AR 7 reporting period in August 2007. As a result, 7,680 gsf of temporary surge space was released (see Table 2 below). During the AR 7 reporting period



## II. Development Overview

one project, which received ASA approval, was never installed. An extension was approved for the use of the Varian Surge Trailers and the units were relocated and are now referred to as Durand (ERA) Surge. However, the gsf does not count towards the cumulative total because it was previously accounted for in AR 4 as Varian Surge Trailers.

### *Childcare and Community Centers*

The 2000 GUP (Condition A.2.c) allows up to 40,000 sq. ft. of additional building area for the purpose of new childcare or community centers.

Three childcare or community centers were approved during this reporting period, including Stanford Childcare Center, Tower House Renovation, and Stanford Police Annex.

**TABLE 2  
ANNUAL REPORT 7  
OTHER SPACE CAPS - PROJECT SUMMARY**

<b>Non-Building Cap Category</b>	<b>Maximum Allowable Square Footage</b>	<b>ASA Approved (sq. ft.)</b>	<b>Building Permit (sq. ft.)</b>	<b>Cumulative Building Permits Approved (sq. ft.) in Previous ARs</b>	<b>Cumulative Total Building Permits Approved (sq. ft.)</b>	<b>Balance Remaining (sq. ft.)</b>
Remaining 1989 GUP Square Footage	92,229	0	0	92,229	92,229	0
Temporary Surge Space	50,000	0	(-7,680)	32,225	24,545	25,455
Childcare/ Community Center	40,000	24,680	3,241	12,768	16,009	23,991

## Housing

The 2000 GUP allows for the construction of 3,018 net new housing units on campus, with allocations for faculty and staff, graduate and undergraduate students, and postdoctoral and medical students as shown in Table 3. The GUP identified allowable locations of housing for students, staff and faculty (Map 3, Appendix A). As with academic/academic support building space, the housing units will be distributed among the 10 development districts (see Table 3).

Housing may also be developed on sites other than those shown on Map 3, and the estimated distribution of the type and location of housing among development districts may deviate from the locations described in the 2000 GUP pursuant to 2000 GUP Conditions F.2, F.3, and F.4. As explained under 2000 GUP

# Annual Report 7

Condition A (A.1.c, A.1.d, and A.3.b), the square footage of housing units constructed is tracked but does not count toward the 2000 GUP building area cap (see Table C-2, Appendix C).

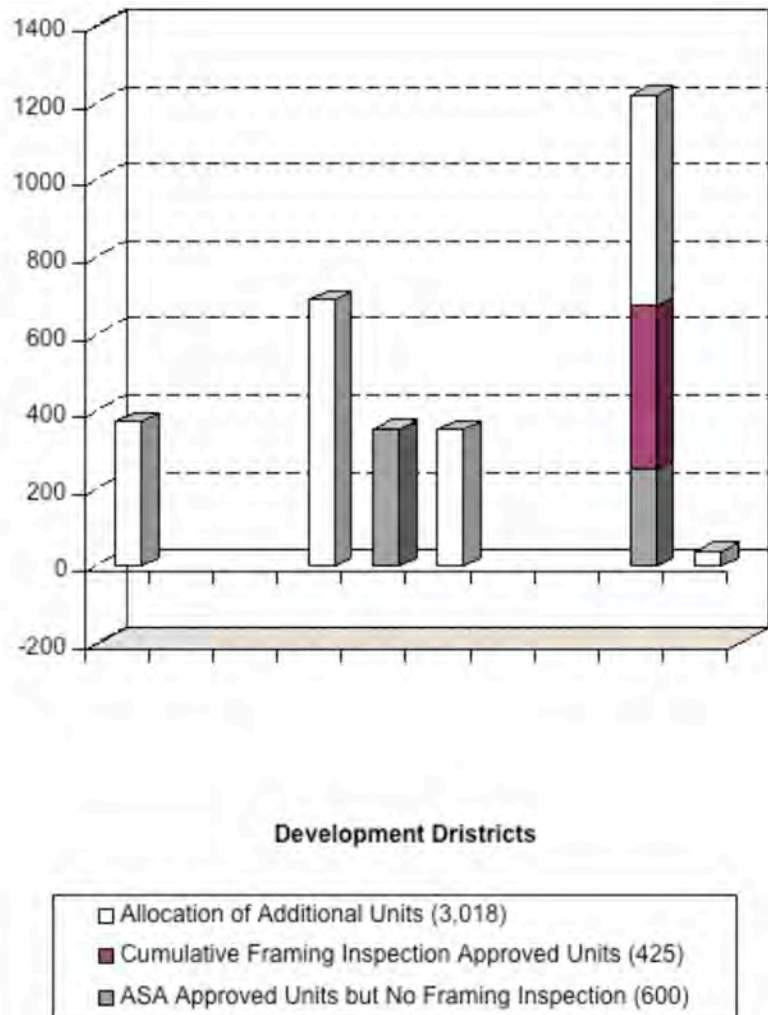
During the AR 7 reporting period, no housing projects were proposed. As illustrated in Figure 4, the cumulative total of approved units under the 2000 GUP allocation is 425 units.

**TABLE 3**  
**ANNUAL REPORT 7**  
**DISTRIBUTION OF RESIDENTIAL DEVELOPMENT**

Development District <sup>1</sup>	Allowable 2000 GUP Net Additional Units	ASA Approved Units but Not Yet Framed	Past Cumulative <sup>3</sup>	Final Framing Inspection Approved Units	Cumulative
<b>West Campus</b>	372				
Stable Site	Faculty/Staff	0	0	0	0
<b>Lathrop</b>	0	0	0	0	0
<b>Foothills</b>	0	0	0	0	0
<b>Lagunita</b>	195				
Driving Range	Faculty/Staff	0	0	0	0
Searsville Block	367 Graduate				
Mayfield/Row	125 Undergrad/Grad				
<b>Campus Center</b>	352 Graduate	352	(-1)	0	(-1)
<b>Quarry</b>					
Quarry/Arboretum	200 Postdoc	0	0	0	0
Quarry/El Camino	150 Postdoc				
<b>Arboretum</b>	0	0	0	0	0
<b>DAPER &amp; Administrative</b>	0	0	0	0	0
<b>East Campus</b>					
Manzanita	100 Undergrad/ Graduate				
Escondido Village	1,043 Graduate	248	426	0	426
Stanford Avenue	75 Faculty/Staff				
Outside Designated Housing Sites			0	0	0
<b>East Campus Subtotal</b>		<b>248</b>	<b>426</b>	<b>0</b>	<b>426</b>
<b>San Juan</b>			0		
Lower Frenchman's	18 Faculty/Staff				
Gerona	12 Faculty/Staff	0	0	0	
Mayfield	9 Faculty/Staff				
Outside Designated Housing Sites			0	0	
<b>San Juan Subtotal</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total</b>	<b>3,018 Allowed<sup>2</sup></b>	<b>600</b>	<b>425</b>	<b>0</b>	<b>425</b>

## II. Development Overview

1. Housing may be developed on other sites and development may vary from the estimated distribution with regard to either the type (student, postdoctoral, or faculty/staff) or amount of housing on the site (2000 GUP Conditions F.2, F.3, and F.4). Redistribution occurred in AR 6.
2. Additional housing may be approved by the Planning Commission (2000 GUP Condition F.7).
3. Cumulative totals include results from previous annual reports. See Appendix C and/or previous annual reports for more detailed background on these cumulative totals.



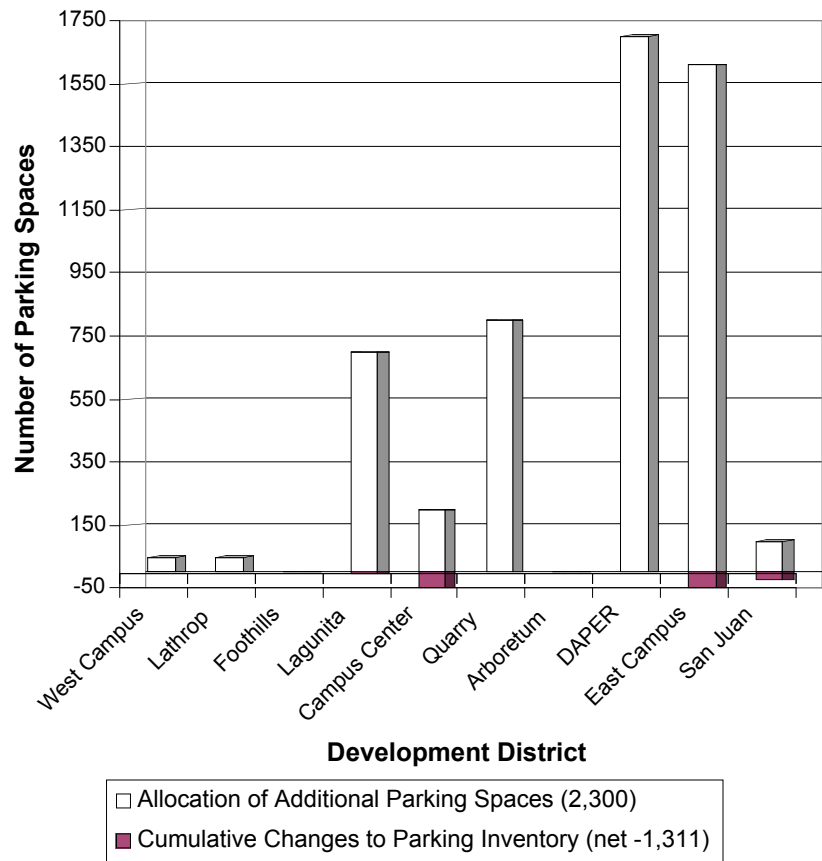
**Figure 4 Distribution of Residential Units**

[Note: 352 in Campus Center and 248 in East Campus]

## Parking

The 2000 GUP allows for 2,300 net new parking spaces above the campus base of 19,351 spaces. As explained in 2000 GUP Condition A.3.c, the building area of parking structures does not count towards the 2000 GUP academic/academic support building area cap. As with academic/academic support building area square

footage and housing, the allowed parking spaces have been distributed among the development districts (Table 4 and Figure 5).



**Figure 5 Distribution of Parking Spaces**

Table 4 presents the changes in parking spaces during the current reporting period, and cumulative increases and decreases in parking spaces on the campus during the AR 1 through 7 reporting periods.

As shown in Table 4, several parking projects were implemented in the West Campus, Campus Center, DAPER & Administrative, East Campus, Lagunita, and San Juan development districts during the AR 7 reporting period that collectively resulted in a net decrease of 494 parking spaces on campus.

Twenty-nine campus parking spaces were removed during the AR 1 reporting period; there was a net addition of 31 spaces during the AR 2 period; there was a net increase of 394 parking spaces during the AR 3 period, there was a net decrease of 91 spaces during the AR 4 period, there was a net decrease of 159 spaces during the AR 5 reporting period and there was a net decrease of 659 during the AR 6 reporting period. During the AR 7 reporting

## II. Development Overview

period, there was a net decrease of 798 spaces. The cumulative change in the parking inventory is a net decrease of 1,311 parking spaces under the 2000 GUP. Note that Parking Structure 6 is currently under construction and will add approximately 1,000 parking spaces during the next reporting period.

**TABLE 4  
ANNUAL REPORT 7  
DISTRIBUTION OF PARKING**

Development District	Base Parking GUP EIR	2000 GUP Allowed Change in Parking Spaces	Changes to Parking Inventory				Unused 2000 GUP Allocation
			AR 7 Contribution	Previous AR 1-6 Contribution	Cumulative (AR 1 Through Current AR 7)	EIR Base Plus Cumulative Change (Current Parking Capacity)	
West Campus	191	50	(-2)	0	(-2)	189	52
Lathrop	0	50	0	0	0	0	50
Foothills	0	0	0	0	0	0	0
Lagunita	1,745	700	(-4)	(-56)	(-60)	1,685	760
Campus Center	8,743	200	(-560)	(-754)	(-1,314)	7,429	1,514
Quarry	1,058	800	0	2	2	1,060	798
Arboretum	134	0	0	0	0	134	0
DAPER & Administrative	2,209	1,700	1	(-1)	0	2,209	1,700
East Campus <sup>2</sup>	4,731	1,611	(-208)	318	110	4,841	1,501
San Juan	540	100	(-25)	(-22)	(-47)	493	147
<b>Campus Wide Summary</b>	19,351	2,300 <sup>1</sup>	(-798)	(-513)	(-1,311)	18,040	3,611

1. According to 2000 GUP Condition H.1, the total net additional parking on campus shall not exceed 2,300 spaces, except for parking provided with any housing that is constructed in excess of 3,018 planned housing units. Also, parking constructed, as part of and for new faculty/staff housing in areas designated Campus Residential-Low Density and Campus Residential-Medium Density will not count toward the limit for each development district. In order to allow flexibility in the distribution of parking, the GUP also sets an upper limit for new parking in each development district. Some districts will ultimately build less than their GUP allocations. Thus, the sum of unused district allocations is more than the remaining 2000 GUP allocation, which is the campus-wide maximum number of parking spaces that will be built under this GUP.

2. Parking allocation in East Campus increased from 900 to 1,611 spaces with Munger Residential Project approval.



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### III. Overview of Monitoring During Seventh Year

This section provides a summary of activities conducted during the AR 7 reporting period in compliance with 2000 GUP conditions. For a complete discussion of compliance with each 2000 GUP condition, please see Appendix B.

#### GUP Condition A: Building Area

Section II of this Annual Report provides statistics and distribution of building area by district. It also provides accounting of 2000 GUP space expenditure for those projects that received building permits during the AR 7 reporting period. Descriptions and illustrations of projects that received ASA during the AR 7 reporting period are provided in Section IV.

During the AR 7 reporting period, September 1, 2006 through August 31, 2007:

- Stanford did not exceed the GUP building area cap, or the GUP caps for new housing and parking.
- Stanford also remained within the other space caps established under the GUP.

#### GUP Condition B: Framework

A total of 15 projects received ASA approval or exemption during the AR 7 reporting period. A total of three projects, which were approved during AR 6, received a building permit and/or demolition permit during the AR 7 reporting period. All were determined to be consistent with General Plan land use designations and zoning.

Stanford University paid all costs associated with the work conducted by the County Planning Office in relation to the 2000 GUP (staff time, consultant fees, and the direct costs associated with report production and distribution) in a timely manner.

#### GUP Condition C: Monitoring, Reporting, and Implementation

The County Planning Office hired URS Corporation to prepare AR 7 pursuant to the 2000 GUP. Stanford University provided funding for all aspects of the Annual Report and provided necessary information in a timely manner.

# Annual Report 7

The draft AR 7 will be presented to the Community Resource Group in March 2008 and the final report will be presented to the Planning Commission at the June 2008 public hearing.

## GUP Condition D: Permitting and Environmental Review

During the AR 7 reporting period, Stanford received ASA or small project exemptions and/or a building permit or demolition permit for 15 projects. All of these projects were determined to be consistent with the General Plan land use designations and zoning and were found to be adequately analyzed in the CP/GUP EIR. See Section II of this Annual Report for the status of each project.

It is beyond the scope of this Annual Report to document every minor violation of County ordinances or other requirements that occur on Stanford University land. When violations occur, they are addressed through appropriate County procedures. As of this Annual Report, there has been no action that would require the County Planning Commission to consider or determine Stanford to be in non-compliance with any GUP condition or mitigation requirement. Stanford University remains in compliance with the GUP.

The zoning enforcement office and building inspection office report that Stanford University is in compliance with other County requirements.

## GUP Condition E: Academic Building Area Review

Stanford is in compliance with GUP Condition E. See Appendix B for more detail.

## GUP Condition F: Housing

During AR 6, the Munger Graduate Housing Project received ASA approval for 600 units of housing and is under construction. At the time of this report, it has not yet had a framing inspection; therefore no new housing units were added to the Stanford campus during this reporting period. Cumulatively, the construction of housing during the first and second annual reporting periods had resulted in an increase of 425 housing units (Table 3) on campus.

Currently, Stanford capacity for providing units of student housing remains equivalent to the capacity identified by Stanford University at the time of initial occupancy. Stanford's housing needs are subject to fluctuation during any given year. Accordingly, Stanford University may redistribute the student

### III. Overview of Monitoring During Seventh Year

population among existing housing facilities in any given year, based on current population and programmatic needs. The County will, as needed, reassess housing availability status with appropriate Stanford University staff. If Stanford University should ever apply for a development permit that would change the number of beds available to students, that action and the change in beds would be reported in the Annual Report.

The 2000 GUP requires Stanford to build additional housing units commensurate with the development of academic/academic support facilities, with the first threshold at 605 housing units for 500,000 gsf of academic development. Stanford University is in compliance with this requirement and is on track with building additional housing as academic space is added to the campus.

Stanford University has complied with County requests for in-lieu payments after building permit issuance and before occupancy. As of May 2007, the affordable housing fees are assessed at the rate of \$16.52 per square foot of space approved under the final building permit.

#### GUP Condition G: Transportation

A baseline traffic count to determine the existing level of commute trips entering the campus during the morning peak commute period and leaving the campus during the evening peak commute period was established in 2001. Data collection involved 6 weeks in the Spring and 2 weeks in the Fall to monitor Stanford's compliance with the "no-net-new commute trip" standard. This report is available for review at the County and is also available on the County website, ([www.sccplanning.org](http://www.sccplanning.org)). Results of subsequent traffic monitoring are summarized in Appendix D of this document.

The Annual Report normally reports on activity between September 1 and August 31. However, the annual Traffic Monitoring Reporting period is the same as the baseline, 6 weeks in the Spring and 2 weeks in the Fall. Updates or clarifications made this year to prior Monitoring Reports are noted as follows.

During AR 6 and AR 7, Year 6 traffic counts were taken in Spring 2007 and completed in Fall 2007. The 2007 Monitoring Report concluded that the adjusted AM inbound count totaled 3,058 vehicles, which fell below the 90% confidence interval by 381 trips. The adjusted PM outbound count totaled 3,494 vehicles, which is an increase of 61 vehicles above the baseline and does not trigger the 1% interval. Therefore no additional mitigation is required. The 2007 Trip Credit Report identified 201 trip credits

## Annual Report 7

for the 2007 Monitoring Report. The County planning office verified and accepted the 2007 Trip Credit Report data and does not anticipate any significant changes to the data.

The 2007 traffic monitoring cordon locations remain the same and are shown on Map A-4, Appendix A. Data and analysis of these counts, reported in November 2007 (DMJM HARRIS/AECOM 2007), are provided in Appendix D of this annual report.

### GUP Condition H: Parking

---

During AR 7 reporting period, all parking projects were in compliance with GUP Condition H. For more information, see Section II, Table 4 and Appendix B, Appendix C-3, Map C-3 and Figure 5.

### GUP Condition I: Parks and Recreation Facilities

---

Stanford entered into an agreement with the County on January 3, 2006 to construct the S1 trail in Santa Clara County and to make an offer to Los Altos Hills for the funding of a trail extension through that town. Stanford submitted plans for a construction permit for the S1 trail in compliance with the term of the agreement reached with the County. On June 9, 2006, Committee for Green Foothills filed a lawsuit. Stanford began construction of the S1 trail on June 21, 2006 and halted on July 7, 2006. Stanford will not proceed with the construction of the S1 trail until the lawsuit is resolved.

### GUP Condition J: California Tiger Salamander

---

An ASA Small Project Exemption was approved for the Black Community Service Center for expanding the deck, and providing for door and window replacements. Due to the limited nature of the project, it was determined there would be no effect on the CTS habitat.

### GUP Condition K: Biological Resources

---

One project, Childcare Center, required a focused survey for special-status plants. The results showed negative findings for rare plants on the site.

Three projects that either received ASA approval, or began construction during the current reporting period required pre-



### III. Overview of Monitoring During Seventh Year

construction surveys for breeding raptors and migratory birds. For more information, see Appendix B, Condition K.2.

A pre-construction survey was also conducted during the AR 7 reporting period for the SEIPER Auditorium; however this project is currently awaiting planning approval.

Three projects (Learning Knowledge Center Loading Dock, Ford Center Addition, and Childcare Center) approved during this period will affect trees protected by the Stanford Community Plan policies and project-specific conditions of approval. Affected trees have been or will be relocated or replaced in accordance with the Stanford Community Plan Policy SCP-RC (i)7 and other County requirements. Details are provided in Appendix B, Condition K.4.

#### GUP Condition L: Visual Resources

No significant activity regarding visual resource conditions occurred during this reporting period. Three projects approved during the AR 7 reporting period included new exterior lighting and therefore Stanford University submitted a lighting plan with the ASA application for each project to the County.

#### GUP Condition M: Hazardous Materials

During the AR 7 reporting period, all projects were in compliance with GUP Condition M. See Appendix B, Condition M for more details.

#### GUP Condition N: Geology and Hydrology

During the AR 7 reporting period, all projects were in compliance with GUP Condition N. See Appendix B, Condition N for more details.

#### GUP Condition O: Cultural Resources

Two projects (Tower House Renovation and Memorial Auditorium Loading Ramp) that received ASA would remodel or alter a structure that is more than 50 years old. The construction of all projects did/shall comply with Secretary of the Interior Standards.

# Annual Report 7

## GUP Condition P: Utilities and Public Services

---

During the AR 7 reporting period, all projects were in compliance with GUP Condition P. See Appendix B, Condition P for more detail.

## GUP Condition Q: Air Quality

---

All approved projects were required to comply with BAAQMD's permitting, control measures and recommendations as appropriate. No projects under the AR 7 reporting period required BAAQMD permitting, control measures, or recommendations.

## GUP Condition R: Noise

---

Stanford complied with the requirements of the County Noise Ordinance on individual construction projects. Stanford received entertainment permits for firework events for those events not included in the two events per year allowed by the GUP. Stanford maintained the noise hotline and one complaint was received. See Appendix B, Condition R for more detail.

## GUP Condition S: Additional GUP Conditions

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No other significant activity occurred during this reporting period. See Annual Reports 1 through 6 for previous activities.

### **III. Overview of Monitoring During Seventh Year**



This section presents brief project summaries of all major projects that received ASA approval or exemption and/or a building permit or demolition permit during the reporting period. A list of other minor projects that received approval is presented at the end of this section. Figure 6 shows the locations of the major projects.

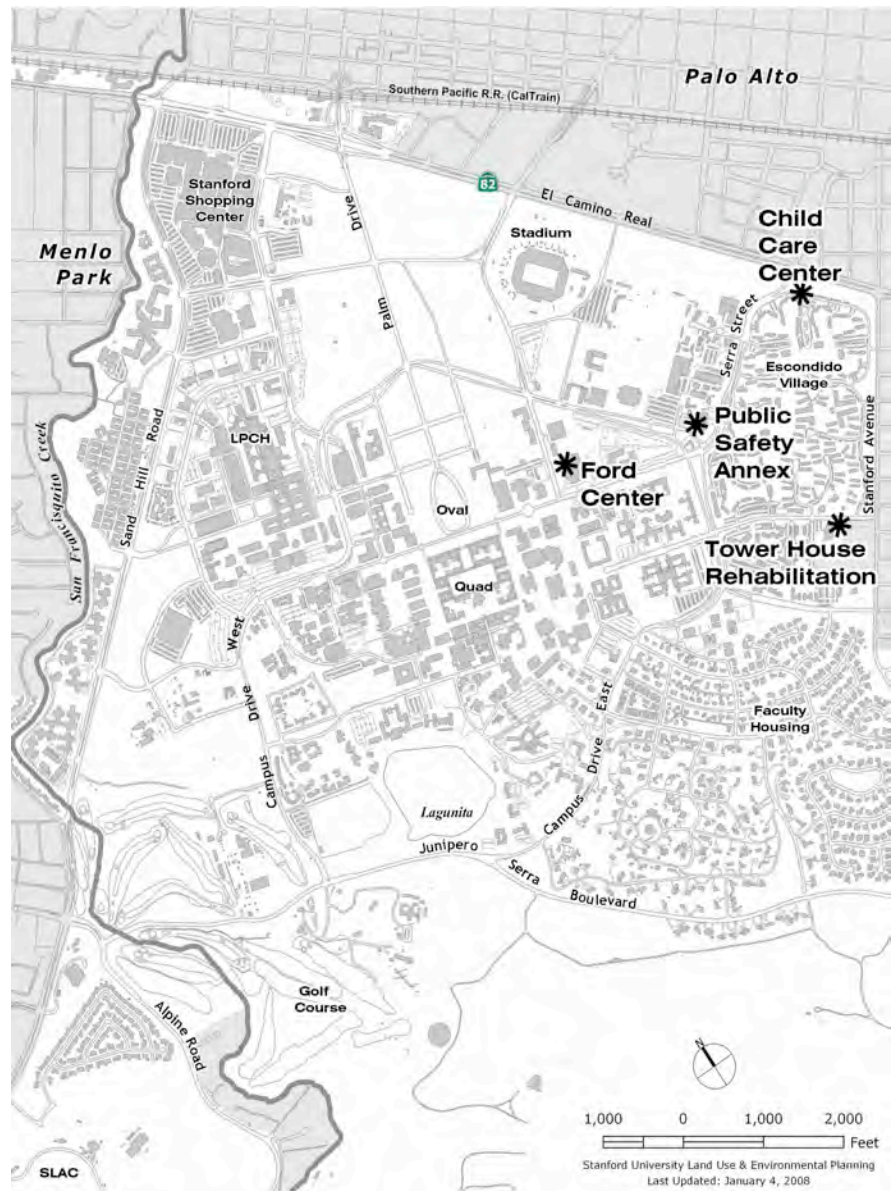


Figure 6 Location of AR 7 Projects

## IV. Project Summaries

**TABLE 5  
ANNUAL REPORT 7  
DEVELOPMENT PROJECTS RECEIVING ASA OR OTHER APPROVAL<sup>1</sup>**

PC/ File #	Project Name	Development District	ASA sq. ft.	Demolition sq. ft.	Bldg. Permit sq. ft.	Development Status
<b>Projects that affect GUP gsf</b>						
9626	Learning Knowledge Center Loading Dock	Campus Center	5,890	N/A	Not yet	Awaiting building permit
6512	Stadium Renovation	DAPER & Administrative	30,693	N/A	33,050	Completed
9531-06A	Track Bleacher Addition	DAPER & Administrative	2,990	N/A	Not yet	Awaiting building permit
9531-06A2	North Track Bleachers	DAPER & Administrative	2,988	N/A	Not yet	Awaiting building permit
8918	Varian 2 (Astrophysics)	Campus Center	N/A	N/A	72,174	Completed
9652	Public Safety Annex	DAPER & Administrative	16,870	2,440	Not yet	Awaiting building permit
35459-63	HEPL Demolition	Campus Center	N/A	-71,425	N/A	Under demolition
3947	Ford Center Addition	Campus Center	7,200	N/A	Not yet	Awaiting building permit
<b>Projects that affect Other gsf</b>						
9511	Tower House Rehabilitation	East Campus	3,645	404	3,241	Under construction
8142	Band Trailers	East Campus	N/A	-4,320	N/A	Removed
9658	Childcare Center	East Campus	8,302	N/A	Not yet	Awaiting building permit
9024	Temporary Mobile CT Trailer	Campus Center	450	N/A	N/A	Never installed
9243	Durand (ERA) Surge extension <sup>2</sup>	Campus Center	3,050	N/A	3,050	Completed
<b>Parking</b>						
9037	Parking Structure 6	East Campus/Campus Center	N/A	N/A	N/A	Under construction
<b>Housing</b>						
9037	Munger Graduate Housing	East Campus/Campus Center	459,064	N/A	469,512	Under construction
9351	Roble Hall Renovation	San Juan	0	N/A	0	Completed
9465	Durand House Renovation	San Juan	0	N/A	0	Completed
<b>Site Projects</b>						
9352	Golf Practice Center	West Campus	N/A	N/A	N/A	Under construction
9530	Batting Cages	DAPER & Administrative	N/A	N/A	N/A	Completed
6838	PS V Antennae	Campus Center	N/A	N/A	N/A	Completed

# Annual Report 7

<b>TABLE 5 ANNUAL REPORT 7 DEVELOPMENT PROJECTS RECEIVING ASA OR OTHER APPROVAL<sup>1</sup></b>						
PC/ File #	Project Name	Development District	ASA sq. ft.	Demolition sq. ft.	Bldg. Permit sq. ft.	Development Status
9673	Memorial Auditorium Loading Ramp	Campus Center	N/A	N/A	N/A	Awaiting building permit
7352	Stanford Golf Practice Center Irrigation Tank	West Campus	N/A	N/A	N/A	Awaiting building permit
6512	Stadium Press Box Canopy	DAPER & Administrative	N/A	N/A	N/A	Completed

**Note:**

1. Reporting period extends September 1, 2006 until August 31, 2007.
2. This project's surge gsf is an extension from the previously accounted for Varian Surge Trailer gsf and therefore does not count against the Surge Cap for this reporting period.





# Annual Report 7

## File No. 9658, Childcare Center

**ASA Application Submitted:** 03/21/07

**ASA Approved:** 06/14/07

**Status as of 08/31/07:** Awaiting building permit

**Project Description:** The project involves the construction of an additional childcare facility to the Stanford Community. The construction of this facility will add an additional 8,302 gsf which will be counted against the childcare/community center cap. This project is a childcare/community center project; therefore the housing building space included in the project would not count against the 2000 GUP building area cap. Given that it has not received a building permit, the gsf has not been applied to the Childcare/Community Center gsf allocation in this annual report.

**Development District:** DAPER & Administrative

**Type of Project:** Other



**Applicable GUP Conditions:** Stanford is in compliance with Mitigation Monitoring and Reporting Program requirements and GUP Conditions for this project. Detailed summaries of project-related conditions are maintained in County project files.

## IV. Project Summaries

### File No. 9511, Tower House Rehabilitation

**ASA Application Submitted:** 09/5/06

**ASA Approved:** 10/12/06

**Status as of 08/31/07:** Under Construction

**Project Description:** The Tower House Rehabilitation Project involves seismic upgrading and rehabilitation of the historic structure. Following the 1989 Loma Prieta Earthquake, the Tower House was deemed structurally unsound and “mothballed,” similar to several other unreinforced masonry buildings on campus, and the building square footage was deducted from the Stanford University campus total. The rehabilitation of the Tower House would result in a net increase of 3,241 sq. ft. (3,645 sq. ft. new construction – 404 sq. ft. demolition = 3,241 sq. ft.) of Childcare/Community Center building space, which is counted against that cap in the current reporting year. This project is a childcare/community center project; therefore the building space included in the project would not count against the 2000 GUP building area cap.

**Development District:** East Center

**Type of Project:** Other



**Applicable GUP Conditions:** Stanford is in compliance with Mitigation Monitoring and Reporting Program requirements and GUP Conditions for this project. Detailed summaries of project-related conditions are maintained in County project files.

# Annual Report 7

## File No. 3947, Ford Center Addition

**ASA Application Submitted:** 07/18/06

**ASA Approved:** 09/14/06

**Status as of 08/31/07:** Awaiting Building Permit

**Project Description:** The Ford Center Addition project involves the replacement of the racquetball facilities and the construction of new office space for the Gymnastics coaching staff. The construction would result in a net increase of 7,200 gsf (new construction) of academic support space. The project is currently awaiting a building permit and therefore the gsf has not been applied to the 2000 GUP building area cap in this annual report.

**Development District:** Campus Center

**Type of Project:** Academic Support



**Applicable GUP Conditions:** Stanford is in compliance with Mitigation Monitoring and Reporting Program requirements and GUP Conditions for this project. Detailed summaries of project-related conditions are maintained in County project files.

## IV. Project Summaries

In addition to the major projects that received approval during the AR 7 reporting period, the following minor projects were also approved.

- File No. 6512, Stadium Press Box Canopy
- File No. 9530, Batting Cages
- File No. 9531-06A, Track Bleachers Addition
- File No. 9531-06A2, North Track Bleachers
- File No. 6838, PS V Antennae
- File No. 9626, Learning Knowledge Center (Loading Dock)
- File No. 9673, Memorial Auditorium Loading Ramp
- File No. 9024, Temporary Mobile CT Trailer
- File No. 7352, Weather Tower
- File No. 9243, Durand (ERA) Surge Extension
- File No. 7352, Stanford Golf Practice Center Irrigation Tanks

## **Annual Report 5**

The Hillel Foundation Student Center Project was approved by the County under a Use Permit and ASA Modification, during the AR 6 reporting period. Its approval was in compliance with GUP Condition A.2.b, which allows Use Permit application that was filed prior to November 1, 2000, but which was not approved prior to the 2000 GUP approval and did not exceed a cumulative total of 31,000 sq. ft., to be permitted. The construction of the 9,505 sq. ft. center occurred during the seventh annual reporting period.

## **V. Other Significant Activities**

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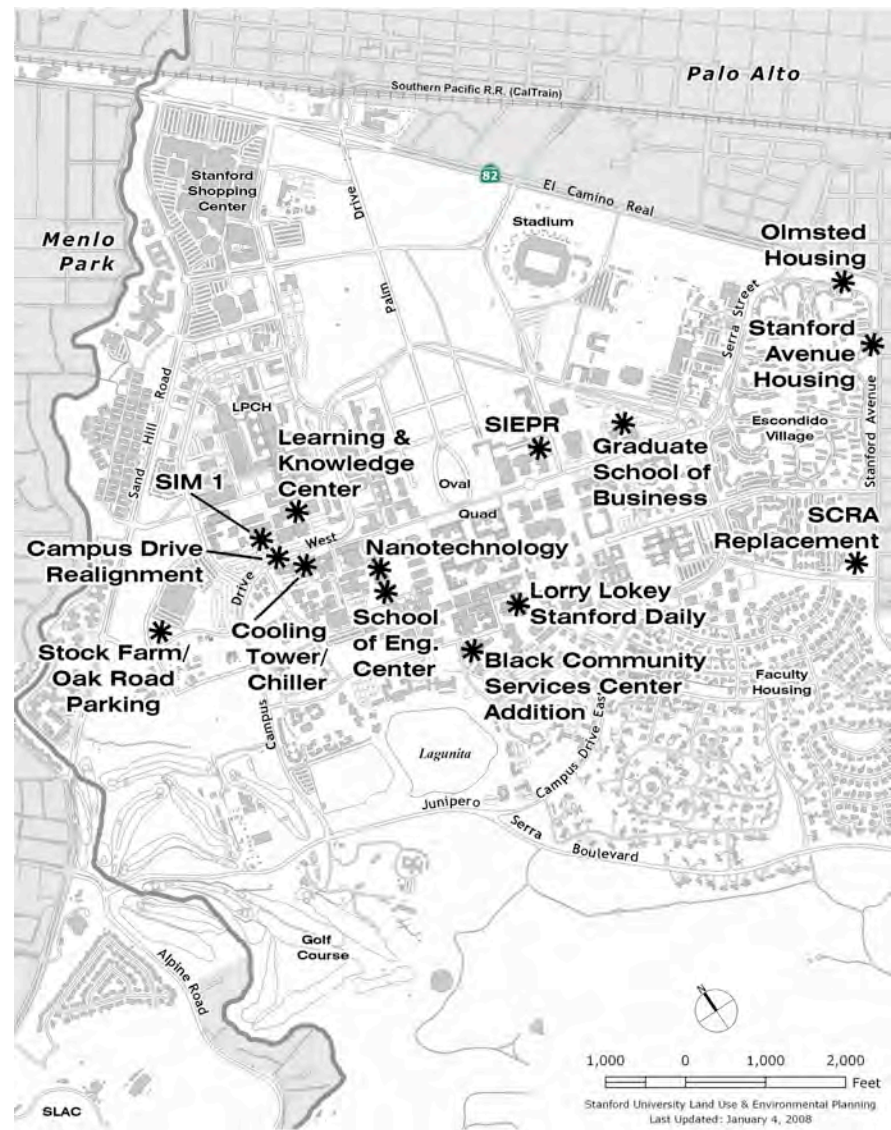


Figure 7 Location of Anticipated Projects



## VI. Anticipated Future Development

**TABLE 6  
ANTICIPATED PROJECTS FOR ANNUAL REPORT 8**

Development District	Project	County File #	ASA Application Submitted	Anticipated ASA Square Footage	Anticipated Housing	Anticipated Parking
<b>ASA Applications Submitted During AR 7, No Approval as of August 31, 2007</b>						
Campus Center	Learning & Knowledge Center	9626	05/21/07	85,000	-	-
Campus Center	CEF Cooling Tower 5 & Chiller	6740	12/20/06	4,627	-	92
Campus Center	Black Community Services Center Addition	9243	05/17/07	2,500	-	-13
East Campus	SCRA Sports Complex Replacement	9715	07/10/07	973	-	-
Campus Center	Lorry Lokey Stanford Daily	9731	07/26/07	-4,129	-	-11
Campus Center	Stanford Institute Of Economic Policy Research	9730	07/26/07	31,298	-	-65
Campus Center	Stock Farm / Oak Road Parking Lot	9744	08/27/07	-	-	201
<b>ASA Applications Anticipated During AR 8 Reporting Period</b>						
Campus Center	Nanotechnology & School of Engineering Center	9,757	10/05/07	4,779 <sup>1</sup>	-	-
Campus Center	SIM1	9,817	1/15/08	200,000	-	-
Campus Center	Campus Drive West Realignment	9,776	10/20/07	-	-	-
Campus Center	LKC Site Work	9,626	10/20/07	-	-	-

# Annual Report 7

**TABLE 6  
ANTICIPATED PROJECTS FOR ANNUAL REPORT 8**

Development District	Project	County File #	ASA Application Submitted	Anticipated ASA Square Footage	Anticipated Housing	Anticipated Parking
DAPER & Administrative	Graduate School of Business	9,773	12/06/07	90,000	-	-
East Campus	Stanford Avenue Housing	9,792	11/20/07	-	39 units	-
East Campus	Olmsted Housing	-	-	-	22 units	-

<sup>1</sup>Nanotechnology is 100,000 gsf and SOEC is 125,000 gsf; associated demolition is 231,032 gsf.

## **VI. Anticipated Future Development**

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## VII. Other Information

### References

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- Santa Clara County. 2000. Community Plan/General Use Permit Environmental Impact Report. Prepared by Parsons.
- Santa Clara County Planning Office. Stanford University Community Plan. Adopted by Santa Clara County Board of Supervisors December 12, 2000.
- Santa Clara County Planning Office. Stanford University General Use Permit. Approved December 12, 2000.

### Santa Clara County Report Project Team

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- Marina Rush, Planner (Project Manager: Stanford Environmental Mitigation Monitoring and Reporting Program), Santa Clara County Planning Office
- Gary Rudholm, Senior Planner, Santa Clara County Planning Office
- Ann Sansevero, Project Manager, URS Corporation
- Rema Chazbek, Staff Scientist, URS Corporation

### Stanford University Data Providers

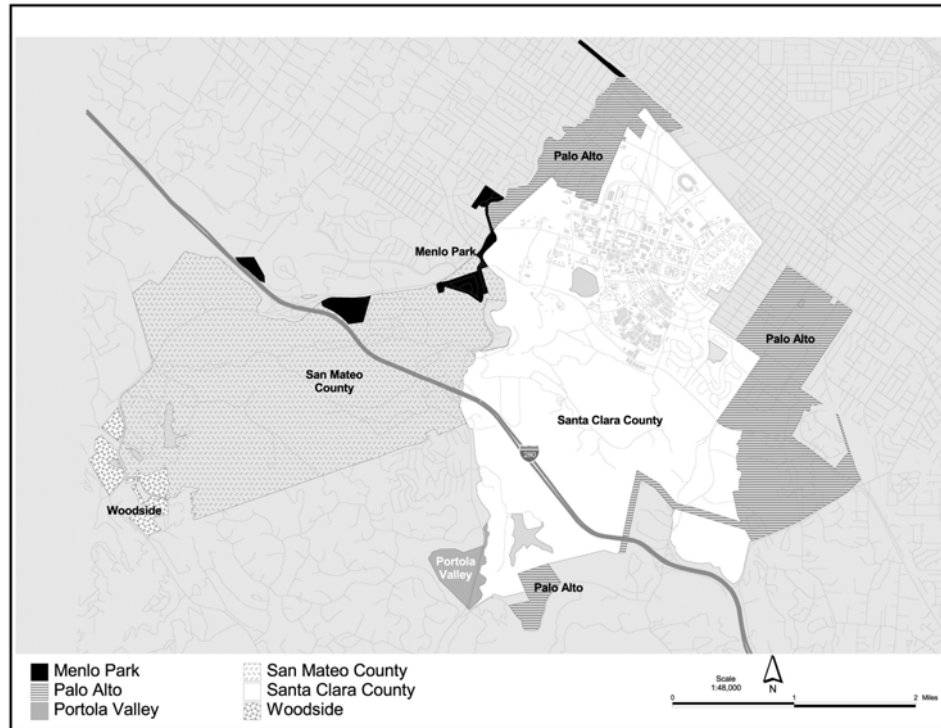
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- Charles Carter, Director, Land Use and Environmental Planning
- Catherine Palter, Associate Director, Land Use and Environmental Planning
- Maria Cacho, Senior Environmental Planner/Analyst

## **Appendix A**

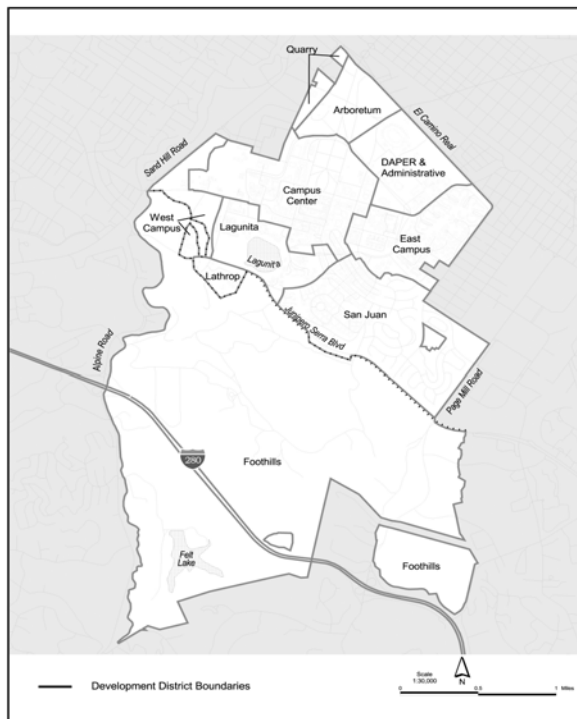
### **Reference Maps**

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Source: Stanford University General Use Permit, December 2000

## MAP A-1 GOVERNMENTAL JURISDICTIONS ON STANFORD LANDS

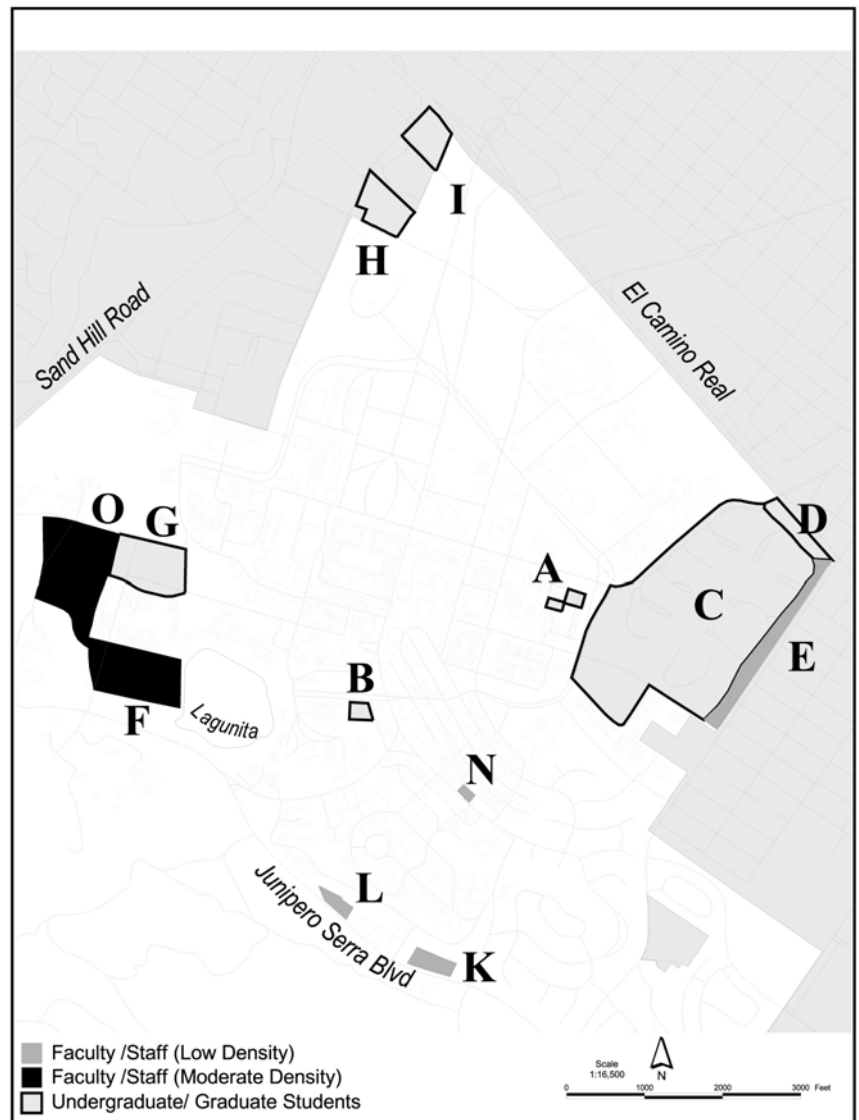


Source: Stanford University General Use Permit, December 2000

## MAP A-2 STANFORD UNIVERSITY DEVELOPMENT DISTRICTS

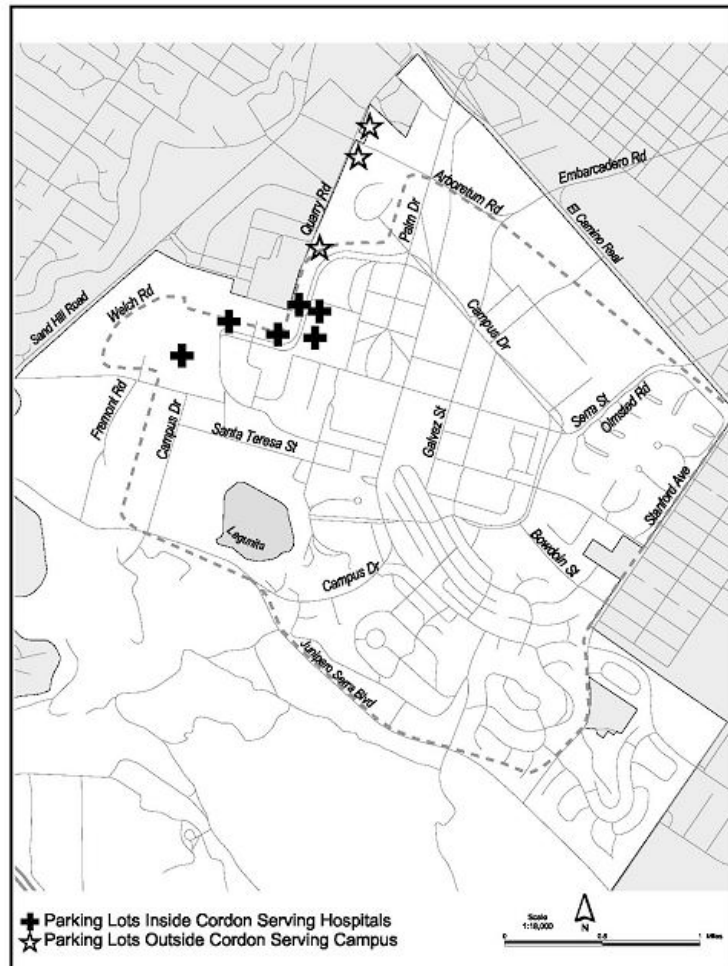


- A**      *Manzanita*  
**B**      *Mayfield/Row*  
**C**      *Escondido Village*  
**D**      *Escondido Village*  
**E**      *Escondido Village*  
**F**      *Driving Range*  
**G**      *Searsville Block*  
**H**      *Quarry/Arboretum*  
**I**      *Quarry/El Camino*  
**K**      *Lower Frenchman's*  
**L**      *Gerona*  
**N**      *Mayfield*  
**O**      *Stable Sites*



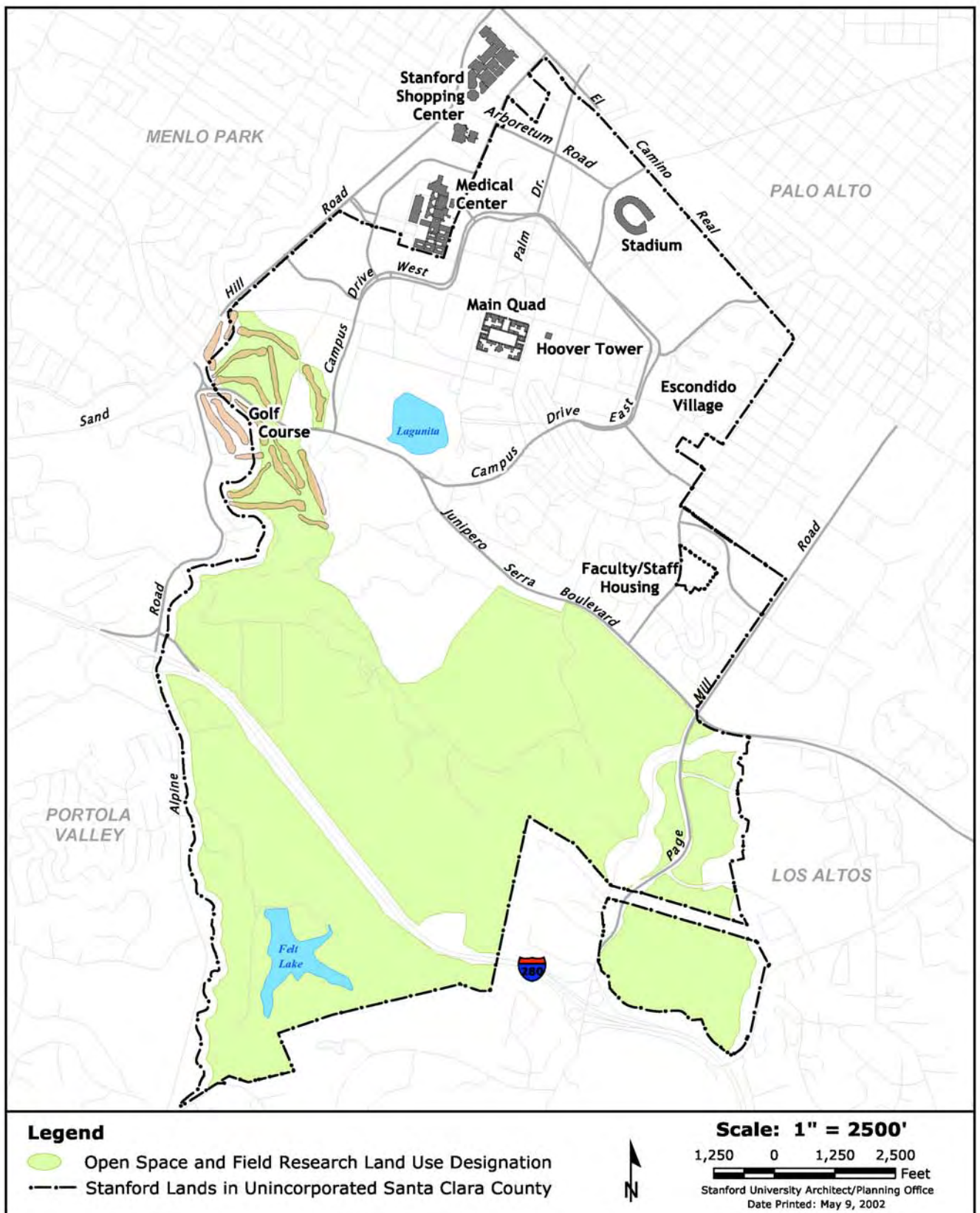
Source: Stanford University General Use Permit, December 2000

MAP A-3  
 POTENTIAL HOUSING SITES



Source: Stanford University General Use Permit, December 2000

MAP A-4  
TRAFFIC MONITORING CORDON BOUNDARIES



MAP A-5  
GENERAL ORIENTATION MAP OF STANFORD UNIVERSITY  
(UNINCORPORTATED SANTA CLARA COUNTY)

## **Appendix B**

### **GUP Conditions and Compliance Activities**

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# Appendix B

## GUP Conditions and Compliance Activities

GUP Condition	Stanford Compliance
<b>A. Building Area</b>	
A.1. GUP allowed construction on unincorporated Santa Clara County lands.	<p>Illustrations and details are provided in Section IV of this report of all projects that received ASA during the current reporting year. Projects are described in detail in the annual report for the period in which ASA was granted; however, academic and support building area is counted against the building area cap in the period during which the project received a building or grading permit. Tables 1 and 2 in Section II of this annual report show building area accounting during this reporting period relative to the various building caps.</p> <p>As of August 31, 2007, one housing project brought the ASA approved housing units to 600 (Table 3). One housing project received final framing inspection and therefore, the cumulative housing units are 425.</p> <p>During the AR 7 reporting period, there was a net decrease of 798 parking spaces due to removal of parking at project sites. A replacement parking structure is under construction. Changes that resulted from these projects are enumerated in Section II, Table 4.</p>
A.2. Building area allowed in addition to the GUP building area cap.	<p>An extension was approved for the use of the Varian Surge Trailers and the units were relocated and are now referred to as Durand (ERA) Surge. This project will continue to use temporary surge space square footage, which is allowed in addition to the 2000 GUP building area cap. One project, Old Union-Lomita was removed thus crediting the temporary surge space as detailed in Section II, Table 2 of this annual report.</p> <p>During AR 6, the County approved a Use Permit and ASA Modification for the Hillel Foundation Student Center for 9,505 sq. ft. in compliance with the maximum square footage permitted. The Hillel construction occurred during the seventh annual reporting period.</p>
A.3. Construction that does not count toward the GUP building area cap.	<p>Two projects, Tower House and Childcare Center, were approved during this reporting period, however they do not count towards the GUP building area cap.</p> <p>Parking Structure 6, for Munger Graduate Housing, received a Building Permit during AR 7.</p>

# Appendix B

## GUP Conditions and Compliance Activities

GUP Condition		Stanford Compliance
<b>B. Framework</b>		
B.1.	Development under the GUP must be consistent with the Community Plan and General Plan.	Fifteen ASA-approved projects were consistent with the Community Plan and the General Plan designations and zoning.
B.2.	Definition of a proposed building project.	No action required.
B.3.	Minimum time duration of GUP (modification possible, subject to County Ordinance).	No action required.
B.4.	Funding of work associated with conditions of GUP.	Stanford paid all costs associated with work conducted by the County Planning Office in relation to the GUP (staff time, consultant fees, and direct costs associated with report production and distribution) in a timely manner.
<b>C. Monitoring, Reporting, and Implementation</b>		
C.1.	Preparation of an Annual Report that summarizes Stanford's development over the preceding year, upcoming development, and compliance with GUP conditions.	This Annual Report fulfills Condition C.1. for the reporting period of September 1, 2006 to August 31, 2007.
C.2.a.	County of Santa Clara Planning Office has the responsibility of preparing the Annual Report.	The County Planning Office hired an independent consultant, URS Corporation, to prepare this seventh Annual Report pursuant to the 2000 GUP.
C.2.b.	Funding for Annual Report by Stanford.	Stanford provided funding to the Santa Clara County Planning Office for all aspects of this Annual Report in a timely manner.
C.2.c.	Stanford to submit information related to Annual Report.	Stanford provided information related to this Annual Report in a timely manner.
C.2.d.	Annual Report presentation to the Community Resource Group (CRG).	The Draft Annual Report 7 will be presented to the CRG in March 2008.
C.2.e.	Presentation of the Annual Report to the Planning Commission in June of each year.	This Annual Report 7 is scheduled for presentation to the Planning Commission at the June 2008 public hearing.
C.2.f.	Time period and content of the Annual Report.	This Annual Report documents Stanford's development activity and compliance with 2000 GUP conditions, and any specific conditions, associated with building projects proposed between September 1, 2006 and August 31, 2007.
C.3.	Funding of work associated with implementing tasks identified in the CP and GUP.	Stanford paid all costs associated with work conducted by the County Planning Office in relation to the CP and GUP during this reporting period (including staff time and consultant fees) in a timely manner.
<b>D. Permitting and Environmental Review</b>		
D.1.	Review of proposed building projects and	Fifteen projects received ASA during the reporting



# Appendix B

## GUP Conditions and Compliance Activities

GUP Condition	Stanford Compliance
issuance of all necessary permits and approvals in accordance with County requirements.	period, as described in Section II and detailed in Section IV of this Annual Report. No projects required design review or subdivision approval.
D.2. Compliance with adopted GUP conditions and adopted mitigation measures within the Mitigation Monitoring and Reporting Program (MMRP).	<p>During this reporting period, Stanford submitted 20 ASA applications for projects proposed under the 2000 GUP. Thirteen of these applications received ASA during the reporting period. Two project applications made during the AR 6 period also received ASA during the current reporting period. All approved projects were in compliance with GUP conditions. For additional details, see Section II of this annual report.</p> <p>The Special Conservation Area Plan (Condition K.7) has not been accepted by the County as submitted and the County has not directed Stanford with specific requirements for modification and re-submittal.</p>
D.3. Compliance with CEQA requirements.	All 15 projects that received ASA approval during the reporting period were adequately analyzed as specified in this GUP condition. (See also GUP Conditions D.4 and I.2).
D.4. Determination of appropriate level of environmental assessment.	Conditions have been specified for the 15 ASA-approved projects. Relevant measures identified in the EIR, and incorporated into the GUP, have been incorporated into the conditions of approval for each project.
D.5. Project specific environmental assessment.	None of the projects proposed during the reporting period caused a fundamental change to the development district.
D.6. Impact areas to be considered in environmental assessment.	No environmental assessment was necessary because none of the projects that were approved caused a change to the development districts (see D.5).
<b>E. Academic Building Area</b>	
E.1. Distribution of 2,035,000 square feet of academic and academic support facilities distributed among ten development districts.	During the reporting period, academic/academic support facilities were approved for the Campus Center, DAPER & Administrative, West Campus, and East Campus Districts (see Section IV Project Summaries for details).
E.2. Deviation from the proposed distribution of academic development.	No projects proposed or approved during the reporting period deviated from the GUP distribution of academic development.
E.3. Maximum allowable development in the Lathrop District shall be 20,000 square feet.	No development was proposed for the Lathrop District during the reporting period.
E.4. No academic development allowed in the Arboretum District.	No academic development was proposed for the Arboretum District.

# Appendix B

## GUP Conditions and Compliance Activities

GUP Condition		Stanford Compliance
E.5.	Complete and submit a Sustainable Development Study (prior to cumulative development total of more than 1,000,000).	With the addition of building space approved during the AR 7 reporting period, the campus' cumulative development under the 2000 GUP is 300,820 square feet, which is well below the threshold when a Sustainable Development Study must be conducted.
<b>F. Housing</b>		
F.1.	Type and distribution of the 3,018 housing units allowed under the GUP.	One housing project, Munger Graduate Housing, which received ASA during AR 6, is currently under construction. Upon completion, Munger will add 600 graduate beds/housing units.
F.2.	Other allowed housing sites.	During the AR 7 reporting period, no housing projects were proposed on sites other than those designated on Map 3, Appendix A.
F.3.	Allowable variation of housing development.	See compliance with GUP Condition F.2 above, and F.4 below.
F.4.	Deviation from estimated housing distribution.	No projects proposed during the reporting period deviated from the GUP distribution of housing.
F.5.	No housing may be constructed in the Foothills, Lathrop, or Arboretum districts.	No housing projects were proposed for any of these districts during the reporting period.
F.6.	Compliance with affordable housing requirement.	Stanford has complied with the affordable housing requirement. Stanford pays the fee for applicable projects prior to occupancy. The County Planning staff and Office of Affordable Housing developed draft guidelines and will present them to the Board of Supervisors during AR 7 reporting period.
F.7.	Allowance for additional housing beyond 3,018 units.	No additional housing was proposed.
F.8.	Housing linkage requirements.	The GUP requires 605 housing units to be provided as part of a housing "linkage" to Stanford development of 500,000 cumulative sq. ft. of academic square footage. With the construction of Munger Housing, Stanford is on track to meet the housing linkage requirement.
F.9.	For purposes of the linkage requirement, the County will consider Stanford to have met housing compliance at the time of framing inspection.	The County has used framing inspection for determination of the housing linkage requirement.
F.10.	Petition for modification of the housing linkage requirements.	Stanford made no petition for modification of the housing linkage requirement.
F.11.	Adoption of new zoning designations for Campus Residential – Low Density and Campus Residential – Medium Density.	Completed during Annual Report 1 reporting period.
F.12.	Allowed suspension of the housing linkage requirement.	There was no suspension of the housing linkage requirement.

# Appendix B

## GUP Conditions and Compliance Activities

GUP Condition		Stanford Compliance
<b>G. Transportation</b>		
G.1.	Intersection modifications.	Completed during Annual Report 1 reporting period.
G.2.	Continued compliance with 1989 GUP transportation requirements.	<p>Stanford continues to offer and further expand the following programs that were in effect during the 1989 GUP: Marguerite shuttle system, carpool incentives, vanpool services, bicycle and pedestrian services, alternative transportation promotional activities, and staff support of alternative transportation programs.</p> <p>Several program changes were made in previous years, which have helped encourage the use of alternative transportation as a means of arriving and departing the campus. The Palm Drive express shuttle was added to facilitate the movement of VTA/ SamTrans bus and Caltrain users from the Palo Alto train station to the Main Quad during peak traffic times. New transit-style buses were ordered to upgrade the Marguerite fleet to provide more capacity, better access by persons with disabilities, a higher quality ride, and a reduction in tailpipe emissions. All Marguerite route maps and schedules are now available on a single publication. The Eco Pass (VTA) and the Go-Pass (Caltrain) programs were initiated, providing all campus employees (50% appointment or more) with free access to these transportation systems. Pre-tax purchase of transit checks was extended to Hospital employees. A bicycle safety program was initiated, including the distribution of free bike lights. A pledge program for graduate students (rewards for not driving during peak traffic times) is in place. A charter bus program has been fully implemented. A new regional bike map was completed and distributed with the new campus directories in the fall of 2004. In cooperation with AC Transit, Stanford developed the new East Bay Express. The express bus from the East Bay (from the ACE Train Station, BART and the Ardenwood Park-and-Ride Lot) went into service on August 30, 2004. Express Marguerite service was added in the afternoon commute period in Spring 2006.</p>
G.3.	Mitigation of transportation impacts from additional development and population growth.	The County hired an independent consultant, Korve Engineering, to complete traffic studies. See Appendix D of this document for a summary of results.
G.4.	No net new commute trips.	Year 6 cordon counts were conducted in Spring 2007 and completed in Fall 2007. The average AM trip count was 3,058 and the average PM trip count was 3,494. These peak hour counts were less than the trip

# Appendix B

## GUP Conditions and Compliance Activities

GUP Condition	Stanford Compliance
	limits established by the 2001 baseline counts. Therefore, Stanford was in compliance with GUP Condition G.6.
G.5. Traffic counts cost.	Stanford submitted all requested funds in a timely manner.
G.6. Baseline count established prior to construction of first new non-residential structure or by an alternative methodology determined to be more accurate.	Baseline cordon counts were completed during AR 1 and 2 reporting periods.
G.7. Traffic counts and determination of traffic volume.	Year 6 traffic counts were conducted in Spring 2007 and completed in Fall 2007 by a traffic consultant, DMJM HARRIS/AECOM Engineering. As described in Appendix D of this report, the results of the 2007 counts were analyzed against the baseline counts previously collected, and were determined not to exceed the traffic limits threshold for the AM and PM peak hour traffic.
G.8. Off-campus trip reduction.	During AR 7, Stanford submitted a 2007 Trip Credit Report, which was reviewed and data confirmed by the County's traffic consultant DMJM HARRIS/AECOM Engineering. The 2007 Trip Credit Report identified 201 trip credits for the 2007 Monitoring Report.
G.9. Monitor cordon count volumes.	A summary report of traffic monitoring is provided as Appendix D to this annual report.
G.10. Neighborhood traffic studies.	No additional neighborhood traffic study requests have been received by the County Planning Office.
G.11. Project-specific traffic studies.	No project-specific traffic studies were required, or prepared, for projects approved during this reporting period. The impacts of approved projects have been properly assessed and mitigated by the 2000 GUP EIR.
G.12. Construction traffic management plan.	<p>Stanford informed both its Public Safety Office and the University Fire Marshall's Office about site work and schedules for any project that could affect emergency access. The University Fire Marshall's Office has regular coordination meetings with the Palo Alto Fire Department, where they update the Department on any emergency route changes. In addition, Stanford requires, through contract with the general contractors, that emergency vehicle access is always kept available through work areas.</p> <p>The Stanford Contracts office provides a general "Stanford Area truck routes map" to all general contractors and all the associated sub-contractors for the project at the time of contract release. The map also includes pedestrian zones, weight limits, service</p>

## Appendix B

# GUP Conditions and Compliance Activities

GUP Condition	Stanford Compliance
	<p>vehicle parking areas, and loading areas. In addition, Stanford provides copies of the map to contractors that come into the Parking and Transportation office to purchase Service Vehicle permits. This map and others are available on the web at <a href="http://transportation.stanford.edu/">http://transportation.stanford.edu/</a>.</p> <p>The County and Stanford continue to work towards consistent inclusion of a traffic management plan as part of the construction plan set available on site.</p>
G.13. Special event traffic management plan.	Compliance with this requirement was achieved during the AR 3 reporting period.
G.14. Junipero Serra Boulevard/ Stanford Avenue traffic group.	<p>The Junipero Serra Boulevard/Stanford Avenue Multi-Jurisdictional Group meets quarterly (March, June, September, December). Phase I traffic calming measures along Junipero Serra Boulevard, including repaving, restriping to narrow the travel lanes, and advisory signage, were completed during a previous reporting period. The Phase II design previously completed is undergoing revisions. Once it is completed, the County will look for funding for implementation.</p>
<b>H. Parking</b>	
H.1. Net additional parking spaces shall not exceed 2,300 spaces, with the exception of parking provided for any housing in excess of 3,018 units.	<p>During the reporting period, changes in parking resulted in a net reduction of 798 parking spaces on the campus for a total cumulative decrease since September 1, 2000 of 1,311 spaces. Changes in parking occurred in the West Campus, Lagunita, Campus Center, DAPER &amp; Administrative, East Campus, and San Juan Districts. See Section II, Table 4, and Appendix C-3 for details.</p>
H.2. Residential Parking Permit Program.	<p>Stanford paid the City of Palo Alto \$100,000 towards the development of a Residential Parking Permit Program. Stanford is in compliance with Condition H.2.</p>
<b>I. Parks and Recreation Facilities</b>	
I.1. Improve parks in the San Juan faculty/staff residential area.	<p>At the April 8, 2004 ASA meeting, the ASA Committee accepted the <i>Stanford University Program for the Replacement of Recreational Facilities in the San Juan District</i>. Stanford has complied with the requirement to submit the plan, and future compliance will be required through implementation of the plan, if triggered by infill development.</p>

# Appendix B

## GUP Conditions and Compliance Activities

GUP Condition	Stanford Compliance
I.2.a. In consultation with the County Parks and Recreation Department, identify and complete Trail Easements within one year of GUP approval.	<p>Stanford entered into an agreement with the County on January 3, 2006 to construct the S1 trail in Santa Clara County and to make an offer to Los Altos Hills for the funding of a trail extension through that town. In addition, the agreement specified that Stanford would make an offer to San Mateo County and Portola Valley for the funding of County Trail C1 improvements in those jurisdictions.</p> <p>Stanford submitted plans for construction permits for the S1 trail in compliance with the terms of the agreement reached with the County. Construction of the S1 trail began on June 21, 2006 and was halted on July 7, 2006 by Stanford. On June 9, 2006 the Committee for Green Foothills filed a lawsuit regarding the trails.</p>
I.2.b. Work with County Parks and Recreation Department to identify responsibilities for trail construction, management and maintenance.	Work on identification of trail construction, management, and maintenance responsibilities had begun previously, based on Stanford's 2001 proposal (see Condition I.2.a and "Overview of Monitoring Activities"). Implementation of this measure will follow completion of trail alignment section.
<b>J. California Tiger Salamander (CTS)</b>	
J.1. Habitat protection easements for protection of the CTS.	No habitat protection easements were established.
J.2. Specifics of habitat protection easements.	No habitat protection easements were established.
J.3. Creation of breeding ponds for CTS prior to issuance of a building permit for a proposed building project on occupied CTS habitat.	No development was proposed within 500 meters of Lake Lagunita that would remove occupied habitat.
J.4. CTS monitoring.	An independent consulting firm, Environmental Science Associates, performs CTS monitoring as needed.
J.5. Project specific measures in CTS Management Zone.	None of the projects approved during the reporting period affected CTS habitat.
J.6. Operational measures required within the CTS Management Zone.	Stanford is required to implement operational measures within the CTS Management Zone.
J.7. Continued compliance with 1998 CTS Management Agreement.	Stanford continued to comply with the 1998 CTS Management Agreement.
J.8. CTS passage ways across Junipero Serra Boulevard.	Construction of three CTS tunnels across Junipero Serra Boulevard was completed in November 2003, prior to the GUP deadline of December 11, 2003. Compliance with this condition thus was achieved during the AR 4 reporting period.

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## GUP Conditions and Compliance Activities

GUP Condition	Stanford Compliance
J.9. U.S. Fish and Wildlife Service permit prior to construction on occupied CTS habitat if CTS is listed as threatened or endangered.	On August 4, 2004, the U.S. Fish and Wildlife Service listed the CTS as threatened in its entire range. Compliance with the Endangered Species Act is required. Stanford has initiated preparation of a Habitat Conservation Plan (HCP) and scoping for the HCP Environment Impact Statement was conducted in Fall 2006.
<b>K. Biological Resources</b>	
K.1. Special-status plant surveys.	The County hired Environmental Science Associates to complete special status plant survey for one project (Child Care Center Project) within modified oak woodland habitat that received a permit during the reporting period. The results showed negative findings for rare plants on the site. This project complied with the special-status plant survey condition.
K.2. Preconstruction surveys for breeding raptors and migratory birds.	The County hired Environmental Science Associates to complete surveys for breeding raptors and migratory birds potentially affected by Stanford projects. Pre-construction raptor surveys were completed for a number of projects that either received ASA or began construction during the reporting period, including Child Care Center, Munger Graduate Housing, and Ford Center. A pre-construction survey was also conducted during the AR 7 reporting period for the SIEPER Auditorium, which is awaiting planning approval. No breeding birds were found during surveys conducted during the reporting period.
K.3. Oak woodland habitat – create or restore at a 1.5:1 ratio for proposed building projects located in oak woodland area.	No projects were proposed within oak woodland habitat, as mapped in the 2000 EIR, during this reporting period.
K.4. Tree preservation for proposed building projects affected by protected trees.	Three projects (Learning and Knowledge Center Loading Dock, Childcare Center, and Ford Center Addition) approved during the reporting period addressed tree preservation. Stanford proposed appropriate mitigation for the loss of oak trees greater than 12 inches diameter at breast height (dbh) in the ASA applications for these projects. These projects will relocate one tree and will also add 21 new trees.
K.5. Stanford to hire biological consultant to prepare wetlands description.	Compliance with this requirement was achieved during the AR 3 reporting period. Future wetland delineations may be required in compliance with Army Corps of Engineers guidelines.
K.6. Updates to CA Natural Diversity Database.	Stanford submitted CNDDDB sheets to the County for California tiger salamander (three seasons of data) and California red-legged frog (four years of data) in May 2003. No additional findings have been



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# GUP Conditions and Compliance Activities

GUP Condition		Stanford Compliance
		submitted.
K.7.	Special conservation area plan.	Stanford submitted a “Conservation Program and Management Guidelines for the Special Conservation Areas” to the County on December 11, 2001. The Planning office staff has not directed Stanford with specific requirements for modification and re-submittal.
<b>L. Visual Resources</b>		
L.1.	Streetscape design for El Camino Real prior to or in connection with submitting an application for development along El Camino Real.	The streetscape design will be submitted prior to development along El Camino Real. A housing project is anticipated during the next reporting period, which would trigger the requirements for the El Camino Real streetscape design.
L.2.	Minimum 25-foot building setback from Stanford Avenue.	No projects were proposed on Stanford Avenue.
L.3.	Lighting plan for development projects that include exterior light sources.	Project-specific lighting plans were submitted with ASA applications during the reporting period.
L.4.	Development locations in the Lathrop Development District.	No development was proposed in the Lathrop District.
<b>M. Hazardous Materials</b>		
M.1.	Hazardous materials information/Risk Management Plan for each proposed building project.	Hazardous materials information was provided in the ASA applications for all projects proposed or approved during the reporting period. Since no projects were proposed or approved during the period that triggers the California Accidental Release Prevention (CAL-ARP) law, no Risk Management Plans were prepared.
M.2.	Maintenance of programs for storage, handling, and disposal of hazardous materials.	<p>Environmental, Health and Safety (EH&amp;S) continues to provide key resources in the planning, development, and implementation of effective environmental and health and safety training programs. Where appropriate and possible, EH&amp;S provides in-house training programs that enable University managers and supervisors to deliver health and safety training directly to their staff. Schools, Departments and Principal Investigators provide other levels of training throughout the University. During this reporting period, EH&amp;S maintained a training catalog that included over 60 course offerings. Stanford staff, faculty, and students through both on-line and classroom sessions completed a total of 9,478 trainings. Stanford also extends its training efforts by providing training and information resources on the World Wide Web at <a href="http://ehs.stanford.edu">http://ehs.stanford.edu</a>.</p> <p>Surveys of campus and medical center labs, shops</p>



# Appendix B

## GUP Conditions and Compliance Activities

GUP Condition	Stanford Compliance
	<p>and studios are conducted on a routine basis to provide compliance assistance regarding hazardous materials, hazardous waste, fire safety, biological safety and chemical safety requirements. Personnel conducting the surveys often work one-on-one with personnel in labs, shops and studios to help them understand pertinent compliance requirements.</p> <p>Hazardous Materials Management Plans for existing buildings storing hazardous materials were updated and submitted to the Santa Clara County Environmental Health Hazardous Materials Compliance Division. To facilitate hazardous materials tracking and reporting, Stanford has implemented an on-line chemical inventory database system whereby authenticated chemical users may maintain their hazardous materials inventories, supporting timely and accurate submission of required regulatory reports.</p> <p>The University Committee on Health and Safety met regularly during the reporting period, including holding one public meeting. The committee membership includes a member from the public as well as faculty, staff and students. Issues considered by the committee included environmental, health and safety activities, and initiatives conducted at the Stanford Linear Accelerator Center (SLAC).</p> <p>The EH&amp;S Department reviews each set of plans for new structures and those for renovation and/or remodeling of existing structures to help ensure that the risks associated with activities conducted in Stanford's buildings are addressed, and that all facilities projects are undertaken in compliance with applicable environmental and health and safety laws, codes, and regulations. EH&amp;S also conducts Environmental and/or Human Health Risk Assessments for new projects as required by the Bay Area Air Quality Management District and as appropriate as part of the building planning process.</p> <p>EH&amp;S personnel specifically responsible for handling hazardous wastes and for emergency response are trained by certified independent professionals and by professional EH&amp;S staff in accordance with all applicable regulations. The operational waste personnel are augmented and assisted by professional environmental engineers, chemists, and environmental managers. As a part of waste minimization activities, EH&amp;S operates a Surplus Chemical redistribution program. Since its inception in 2000, the Surplus Chemical</p>

# Appendix B

## GUP Conditions and Compliance Activities

GUP Condition	Stanford Compliance
	<p>redistribution program has redistributed over 1,100 unneeded chemical containers from laboratory inventories to other campus users.</p> <p>Since 2001, EH&amp;S has funded and maintained an innovation and award-winning program aimed at removing as much mercury, a potent neurotoxin, as possible from campus. To date, over 2,000 thermometers have been removed and replaced with non-toxic, non-mercury replacement thermometers. In 2002, EH&amp;S' program was recognized with an "Environmental Achievement Award" by Region 9 of the United States Environmental Protection Agency.</p>
<b>N. Geology and Hydrology</b>	
<p>N.1. Compliance with all requirements of the Uniform Building Code, County Geologist, County Building Inspection Office, Stock Farm Monocline Agreement, and others defined under the GUP in regard to reduction of seismic risk.</p>	<p>Stanford is in compliance with Condition N.1. requirements through the ASA applications submitted during the reporting period. Sixteen projects received ASA. Seven of these projects also received a building or a grading permit during the current reporting year. See Section II of this report for details.</p>
<p>N.2. Hydrology and drainage study.</p>	<p>The Storm Water Detention Master Plan for the Matadero Creek watershed was submitted by Stanford and accepted by the County. Stanford is responsible for implementing phased measures consistent with the plan prior to development of new impervious cover within the watershed.</p> <p>Regarding storm drainage and flood control, Stanford and the County reached agreement on the approach and engineering design criteria for detention provisions to avoid increases in peak runoff flow rate from the campus in the San Francisquito Creek watershed. Stanford continued with implementation of its storm drainage master plan for both detention and protection of campus facilities, engineering the remaining barriers to divert overland flows away from structures to streets and malls, and Phase 1 of the West Campus detention basins. With these improvements and the detention basins constructed previously in the Matadero watershed, Stanford has mitigated anticipated runoff from a substantial portion of its future development under the 2000 GUP in compliance with Conditions N.2 and N.3.</p>

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## GUP Conditions and Compliance Activities

GUP Condition	Stanford Compliance
<p>N.3. Storm water management facilities designed to only store storm water runoff temporarily and not create extended ponding.</p>	<p>The Serra/El Camino Real (ECR) and the West Campus Storm Water Detention Facilities projects are designed to accommodate increases in the 10-year and 100-year storm runoff associated with 2000 GUP development in the Matadero and San Francisquito Creek watersheds respectively. These projects are designed to drain within a couple of days, thereby avoiding extended ponding.</p> <p>An initial phase of this plan was implemented when the Stock Farm/Sand Hill Road Detention Basins were completed during the AR 4 reporting period.</p>
<p>N.4. Groundwater recharge study in conjunction with projects located in unconfined zone.</p>	<p>Two projects (the Stanford Golf Practice Center Irrigation Tank and the Learning and Knowledge Center Loading Dock) that are located within the Groundwater Recharge Zone received ASA and/or building permits during the reporting period. The projects are consistent with the County-approved project-specific interim plans for mitigating loss of groundwater recharge. The County is reviewing the draft of a campus-wide groundwater recharge plan prepared by Stanford to mitigate lost recharge from all projects in the Unconfined Zone.</p>
<p>N.5. Review and approval for storm water/ groundwater recharge facilities.</p>	<p>The ASA and grading or building permit-approved projects during the seventh annual reporting period are anticipated to result in new impervious surface area in the Matadero Creek and San Francisquito Creek watersheds. The cumulative increase of impervious surfaces on campus has been mitigated by the Serra/ECR detention basins and West Campus detention basins Phase I, to avoid impacts with respect to reduced groundwater recharge. Stanford and the County will continue to address this issue on a project-by-project basis.</p>
<p>N.6. Notice of Intent to State Water Resources Control Board (SWRCB) prepared each year for anticipated projects.</p>	<p>Stanford submitted a Notice of Intent (NOI) to join the State of California General Storm Water Construction Permit on June 29, 2001. Stanford received acceptance on July 10, 2001. An updated NOI was submitted to the San Francisco Regional Water Quality Control Board in accordance with the NPDES General Permit on August 2, 2007. The updated NOI outlines completed projects, projects under construction, and planned future projects.</p> <p>Notices of Termination (NOT) were prepared for individual construction sites that completed all construction work during the prior year that were covered by NOI filings. NOTs were prepared during the reporting period for 3 projects. These NOTs are for internal tracking. An official NOT will be prepared for the entire campus and submitted to the</p>

## Appendix B

# GUP Conditions and Compliance Activities

GUP Condition	Stanford Compliance
	Regional Water Resources Control Board when all construction projects covered under the NOI are complete.
<p>N.7. Monitor effectiveness of storm water pollution prevention best management practices; monitor at construction sites before and during storm events occurring during construction period.</p>	<p>Each construction site under the 2000 GUP is permitted through the General Permit for Discharges of Storm Water Runoff Associated with Construction Activity. The information submitted as part of the permit will be updated yearly to reflect the current construction projects. In accordance with that permit, the sites are required to have a Storm Water Pollution Prevention Plan (SWPPP). Each SWPPP outlines the Best Management Practices for preventing storm water pollution on that specific site. To ensure that the BMPs are working and in place, each construction project is required to monitor the construction site and BMPs before, during, and after rain events or weekly, whichever is more frequent. The project is required to maintain inspection logs on site, documenting the monitoring program. Stanford storm water staff visits the sites at least once per month to ensure compliance with BMPs and monitoring.</p> <p>In addition, Stanford is required to send an Annual Compliance Status Report to the State Water Resources Control Board, certifying compliance with the provisions of the General Permit for Discharges of Storm Water Runoff Associated with Construction Activity, including BMPs and monitoring.</p>
<p>N.8. Surveys to determine presence and location of wells prior to issuance of any building permit or grading permit.</p>	<p>Stanford performed surveys to identify existing wells on building sites with ASA applications as required.</p>
<p>N.9. Permit from Santa Clara Valley Water District for any proposed construction, demolition, grading, landscaping within 50-feet of the top of the bank.</p>	<p>No projects are within 50 feet of Santa Clara Valley Water District (SCVWD) facilities.</p>
<p>N.10 No new land use or practices within the unconfined zone that could pose a threat to the groundwater quality or supply.</p>	<p>Stanford mailed an informative pamphlet to all residential leaseholders whose property is located within the unconfined zone. This pamphlet contains valuable information regarding the sensitive nature of these properties with respect to the potential for downward migration of contaminants to groundwater. The pamphlet also provides “Best Management Practices” regarding proper application of landscape chemicals, notifying Stanford of abandoned wells and fuel tanks, and safe management of household chemicals and hazardous waste. Stanford also mailed this pamphlet to all other residential leaseholders that are not located within the unconfined zone as a part of continuing outreach.</p>

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## GUP Conditions and Compliance Activities

GUP Condition		Stanford Compliance
<b>O. Cultural Resources</b>		
O.1.	Assessment of structure with potential historic significance for building projects that involve the demolition of a structure 50 years or older.	No projects were approved that would involve the demolition of a structure 50 years or older.
O.2.	Requirements for remodeling, alteration, or physical effect on structures that are 50 years old or more.	Two projects, the Tower House Renovation and Memorial Auditorium Loading Ramp that received ASA, would remodel or alter a structure that is more than 50 years old. The construction of all these projects complied with Secretary of the Interior Standards.
O.3.	Archaeological resources map.	The Stanford archaeologist provided draft maps to the County Planning Office in March 2001. These maps show the locations of all known prehistoric and historic archaeological resources in the unincorporated Santa Clara County portion of Stanford land. County and Stanford staffs will continue to work on revision and updates to these maps so they can be utilized by County staff to identify all known cultural resource site boundaries on Stanford land within the County's jurisdiction. All maps and updates will be maintained as confidential records.
O.4.	Required actions if fossilized shell or bone is uncovered during earth-disturbing activities.	No fossilized shell or bone was uncovered during 2000 GUP construction activities.
<b>P. Public Services and Utilities</b>		
P.1.	Law Enforcement Agreement.	<p>"Memorandum of Understanding Regarding Police Services Between Santa Clara County and Stanford University" was signed February 6, 2001.</p> <p>Per the GUP Condition, Stanford is providing funding for the Stanford Police Department to maintain 32 full-time sworn police officers (one officer per 1,000-day time population). There was no decrease in the level of police services during the reporting period.</p>
P.2.	Funding of Fire Protection Services.	The City of Palo Alto assesses the city's fire protection needs on an annual basis and adopts a yearly budget for fire protection services. As part of this process, the City identifies Stanford's share of this budget, and Stanford pays its annual allotment.
P.3.	Fire protection response times.	The City of Palo Alto did not notify Stanford of lengthened response times or the need to provide new routes.
P.4.	Water conservation and recycling master plan.	Stanford has performed effective conservation outreach and education, as evidenced by County staff

## Appendix B

# GUP Conditions and Compliance Activities

GUP Condition	Stanford Compliance
	discussions with campus facility managers. Stanford also has undertaken numerous water conservation projects, including installation of water misers, toilet retrofits, low flow jet spray nozzles, and Maxicom controls. The County continues to monitor Stanford implementation of the approved master plan as a measure of compliance with this condition. The County consults with the SCVWD to determine compliance. The SCVWD assessment is that Stanford appears to be implementing aggressive water conservation measures. The University has completed the plan and it was approved.
P.5. Annual daily average water use.	The allowed average daily water allocation from the San Francisco Water Department is 3.033 million gallons per day (mgd). Stanford's average campus domestic water use for the 2006-07 year was 2.3 mgd.
P.6. Information on wastewater capacity and generation.	Stanford submitted project-specific wastewater capacity information as necessary with ASA application materials.
P.7. Palo Alto Unified School District school impact fees.	Stanford paid school impact fees.
P.8. Community Services Study.	No written requests for a study were received by Stanford.
<b>Q. Air Quality</b>	
Q.1. Compliance with Bay Area Air Quality Management District (BAAQMD) measures for construction activities.	Grading activities associated with 2000 GUP projects that commenced during the reporting period complied with the BAAQMD control measures incorporated into the ASA conditions of approval.
Q.2. Maintenance of equipment for construction activities.	Stanford requires all construction contractors to properly maintain equipment.
Q.3. Conduct a risk screening analysis and obtain BAAQMD permit for building projects containing more than 25,000 square feet of laboratory space and 50 fume hoods. <sup>1</sup>	All approved projects were required to comply with BAAQMD's permitting, control measures, and recommendations, as appropriate. As a part of the routine air permitting process, the BAAQMD conducted Air Emissions Human Health Risk Assessments for the diesel emergency generators installed at the Energy and Environment building, Parking Structure 6, and replacement generators at Forsythe Hall and Puichon. The results of these risk assessments demonstrated that emissions are in compliance with BAAQMD air toxics requirements.

<sup>1</sup> Note: Q.3 has been confirmed to match BAAQMD regulations, which requires both triggers in order to do risk screening.

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# GUP Conditions and Compliance Activities

GUP Condition		Stanford Compliance
<b>R. Noise</b>		
R.1.a-e	Compliance with County Noise Ordinance during construction activities of each building project.	Construction activities associated with 2000 GUP projects complied with the County Noise Ordinance and incorporated noise reduction measures as required by ASA conditions of approval.
R.2.	Limits on construction hours.	Construction activities associated with 2000 GUP projects were limited to construction hours as specified by the County Noise Ordinance.
R.3.	Operational noise reduction measures.	ASA-approved building projects will incorporate any county-specified noise reduction measures (listed in Section D of the MMRP) and will comply with the County Noise Ordinance.
R.4.	Limits on fireworks displays.	Two fireworks events occurred during the reporting period.
R.5.	Maintenance of hotline for noise complaints.	A noise hotline is maintained (650) 724-4900. One noise complaint was received during the AR 7 reporting period. The complaint was of noise coming from Sandhill Road playing field. The PAPD was notified prior to the call made to the noise hotline. Stanford and the County continue to work with and respond to neighborhood residents and their questions regarding the noise hotline.
<b>S. Additional Conditions</b>		
S.1.	Acceptance of Conditions of Approval.	See Annual Report 1.

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## **Appendix C**

### **Cumulative Projects**

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## Appendix C

### Cumulative Projects

Completed building projects under the GUP cap, housing projects, parking, non-GUP building projects and grading projects are tracked in Appendix C. A map and table are provided for each category to illustrate the project, its location, its square footage/housing units/parking spaces counted toward the GUP cap, and in which annual report period the project was completed. Each table provides a cumulative total of square footage, housing, or parking to date. A table also provides a cumulative total of non-GUP building projects. Additional backup data is kept on file by Stanford and the County.

Section II of this annual report provides brief descriptions of each project on which there was activity during the current reporting year. Projects listed in Appendix C that were completed in prior years are not reported in the body of the Annual Report. Detailed information on these projects may be found in previous Annual Reports.

# Appendix C

## Cumulative Projects

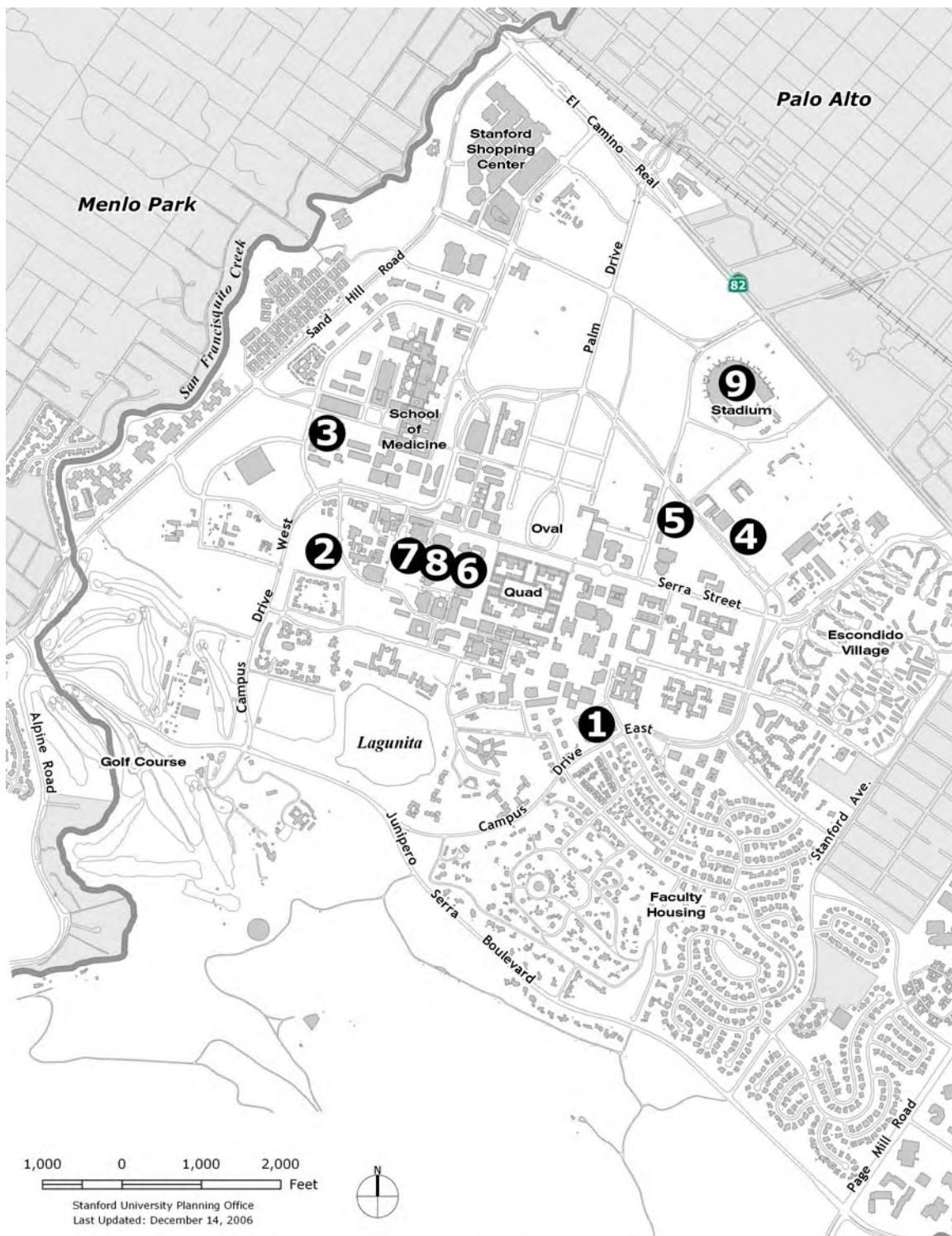
<b>KEY TO MAP C-1</b> <b>ANNUAL REPORT 1 THROUGH ANNUAL REPORT 7</b> <b>CUMULATIVE BUILDING PROJECTS THAT AFFECT GUP BUILDING AREA CAP</b>				
<b>Fiscal Year</b>	<b>Map No.*</b>	<b>Project</b>	<b>Built Area (sq. ft.)</b>	<b>Net Addition to GUP Building Cap</b>
Annual Report 1 (2000-01)	N/A	None	N/A	0
Annual Report 2 (2001-02)	1	Student Services	20,000	22,790
		Demo Bridge Building	(-2,752)	
		Band Trailer	4,320	
		Demo existing Band Trailer	(-2,160)	
		Rugby Pavilion	3,382	
Annual Report 3 (2002-03)	2	Carnegie Global Ecology Center	18,164	32,023
		Demolish Carnegie Greenhouses	(-6,161)	
	3	Lucas Center Expansion	20,600	
		Electronics Communications Hub-West	1,500	
		Demolition of Ortho Modular	(-2,080)	
		SoM Trailer Replacement	0	
		Galvez Modular Re-Permit	0	
Annual Report 4 (2003-2004)	4	Maples Pavilion Addition	18,298	92,915
		Demolish Maples Ticket Booth	(-179)	
	5	Arrillaga Family Recreation Center	74,796	
Annual Report 5 (2004-2005)	6	Varian 2	63,860	39,763
		Building 500	3,254	
		Wilbur Modular Ext.	(-27,360)	
Annual Report 6 (2005-2006)	7	Environment and Energy Building	164,087	116,237
		GP-B Modular Demolition	(-8,640)	
		Varian 2 (gsf adjustment from AR 5)	8,305	
	8	HEPL Demolition	(-71,425)	
		Engineering Shed	(-929)	
		Galvez Too	(-4,320)	
	9	Football Stadium Renovations	33,050	
		Munger House Relocations	906	
		Avery Aquatic	1,445	
		Band Trailer	(-4,320)	
		Guard Shelter	42	
		579 Alvarado (Humanities Annex)	(-3,258)	
		Barnum Family Center	2,337	
		Brick Barn	4,690	
		Knoll Trailer A	(-2,912)	
		Knoll Trailer B	(-2,821)	
Annual Report 7 (2006-2007)		None	N/A	0
<b>Cumulative Net Contribution toward 2000 GUP Building Cap:</b>				<b>303,728</b>

Note: Projects included at the time of building permit issuance.

\*Map C-1 illustrates the locations of building projects 10,000 sq. ft. or greater. Projects smaller than 10,000 sq. ft. are not shown on Map C-1.

# Appendix C

## Cumulative Projects



MAP C-1  
CUMULATIVE BUILDING PROJECTS THAT AFFECT BUILDING AREA CAP  
(GREATER THAN 10,000GSF)

# Appendix C

## Cumulative Projects

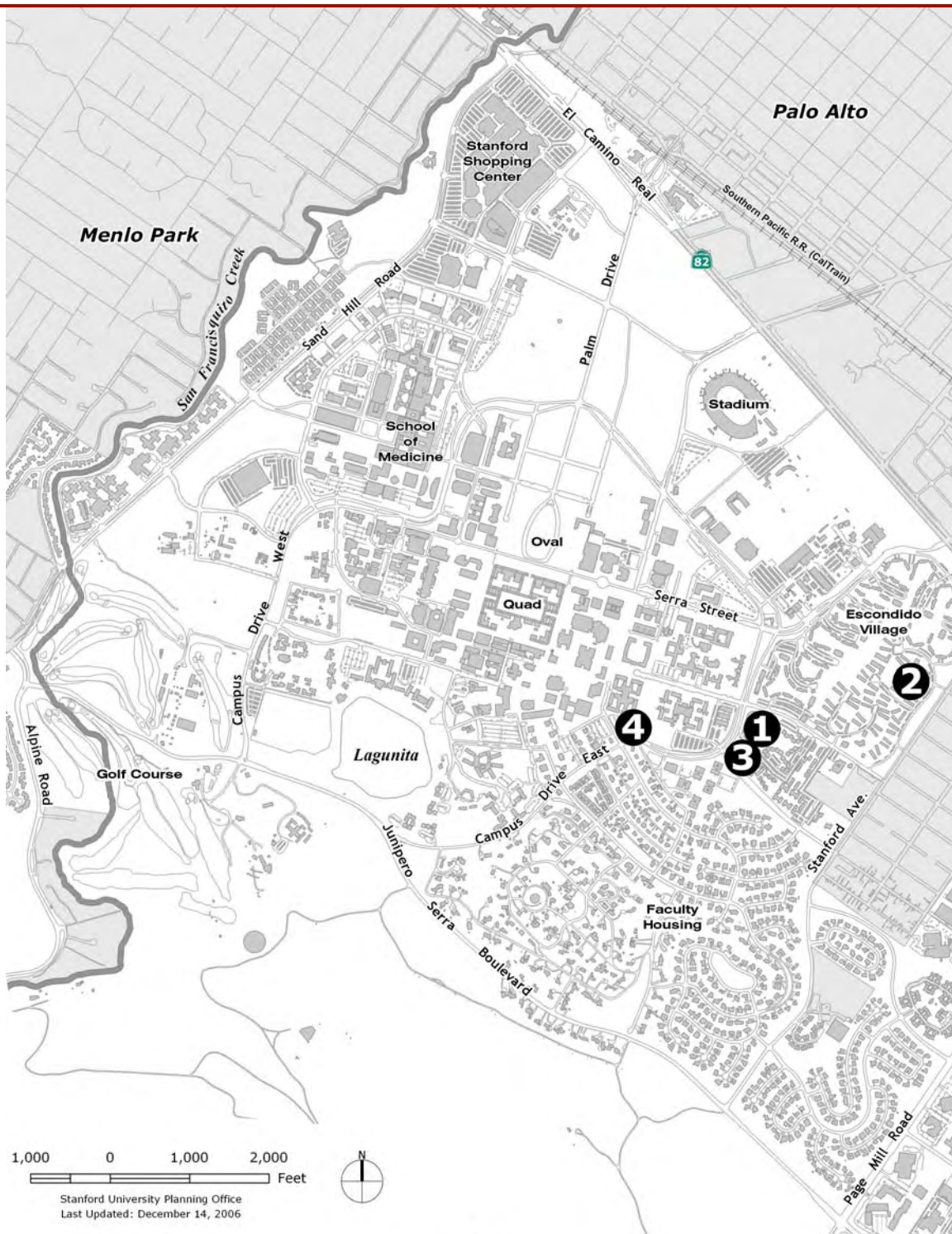
<b>KEY TO MAP C-2</b> <b>ANNUAL REPORT 1 THROUGH ANNUAL REPORT 7</b> <b>CUMULATIVE HOUSING PROJECTS</b>					
<b>Fiscal Year</b>	<b>Map No.*</b>	<b>Project</b>	<b>Housing Units</b>	<b>Square Footage</b>	<b>Annual Units</b>
Annual Report 1 (2000-01)	1	Mirrielees – Phase I	102	0	102
Annual Report 2 (2001-02)	2	Escondido Village Studios 5 & 6	281	139,258	331
	3	Mirrielees – Phase II	50	0	
		Branner Student Housing Kitchen	0	1,596	
Annual Report 3 (2002-03)	N/A	None	N/A	N/A	0
Annual Report 4 (2003-04)	N/A	None	N/A	N/A	0
Annual Report 5 (2004-05)	N/A	None	N/A	N/A	0
Annual Report 6 (2005-2006)		Drell House (conversion to academic)	-1	(-906)	-8
		579 Alvarado	1	3,258	
	4	Casa Zapata RF Unit Replacement	-8	(-691)	
Annual Report 7 (2006-2007)		None)	N/A	N/A	0
<b>Cumulative Net Contribution toward 2000 GUP Housing Units</b>			<b>425</b>	<b>142,515</b>	<b>425</b>

\*Map C-2 illustrates the locations of housing projects that add more than one unit. Individual housing projects are not shown on Map C-2.



## Appendix C

### Cumulative Projects



MAP C-2  
CUMULATIVE HOUSING PROJECTS

# Appendix C

## Cumulative Projects

<b>KEY TO MAP C-3</b> <b>ANNUAL REPORT 1 THROUGH ANNUAL REPORT 7</b> <b>CUMULATIVE PARKING PROJECTS</b>				
<b>Fiscal Year</b>	<b>Map No.*</b>	<b>Project</b>	<b>Parking Spaces</b>	<b>Spaces Subtotal</b>
Annual Report 1 (2000-01)	1	Removal of Arguello Lot	(-55)	(-29)
	2	Oak Road Angle Parking	52	
		Oak Road Parallel Parking	12	
		Student Services Building	(-38)	
Annual Report 2 (2001-02)		Band Modular Project	23	31
	3	Parking Structure V	97	
	4	Oak Road (Angle to Parallel)	(-66)	
		Closure of Anatomy Lot	(-28)	
		Maples Lot	5	
Annual Report 3 (2002-03)		PS-1 Restriping/ADA	(-29)	394
		Maples Lot	21	
	5	Escondido Village Expansion	212	
	6	Serra Street Reconstruction	50	
		Arguello Lot	37	
		Mirrielees Lot Reconfiguration	(-23)	
	7	Cowell Lot Expansion	154	
		Carnegie Global Center Parking	17	
Annual Report 4 (2003-2004)		Misc. reconstruction/restripe/ADA	(-45)	(-91)
		Anatomy Lot Reopening	26	
		Encina Gym/ Arrillaga Rec Center Construction	(-17)	
		Ventura Lot Closing-CSLI/EPGY Annex Construction	(-21)	
		Housing Maintenance Yard Project	(-25)	
		Graduate Comm. Center Parking Lot	(-35)	
Annual Report 5 (2004-2005)		Misc. reconstruction/restripe/ADA	(-19)	(-159)
		Stock Farm Bus Reconfiguration	(-47)	
		Dudley & Angell Recount	(-20)	
		Mayfield 3 Recount	(-23)	
Annual Report 6 (2005-2006)		Misc. reconstruction/restripe/ADA	(-69)	(-659)
	8	Ginzton Lot Closure (for Environment & Energy construction)	(-211)	
		Humanities Lot (for Old Union Surge Trailers)	(-20)	
		Law School Lot/ House Relocation/ Prep for Munger construction	(-26)	
	9	Mariposa Lot/ Munger Law School/ House Relocation/ Columbae Renovation	(-115)	
	10	Stock Farm Bus Reconfiguration	(-64)	
	11	Tresidder Lot (for House Relocation)	(-138)	
		Dudley & Angell/ Olmsted Road	24	
	12	Eating Clubs Lot (for Old Union Surge)	(-87)	
	13	Stern Lot	(-64)	
	14	Wilbur-Stern Temporary Lot	108	
	15	Wilbur Modularity Removal	131	
	16	Wilbur South Lot (for PS 6)	(-128)	



## Appendix C

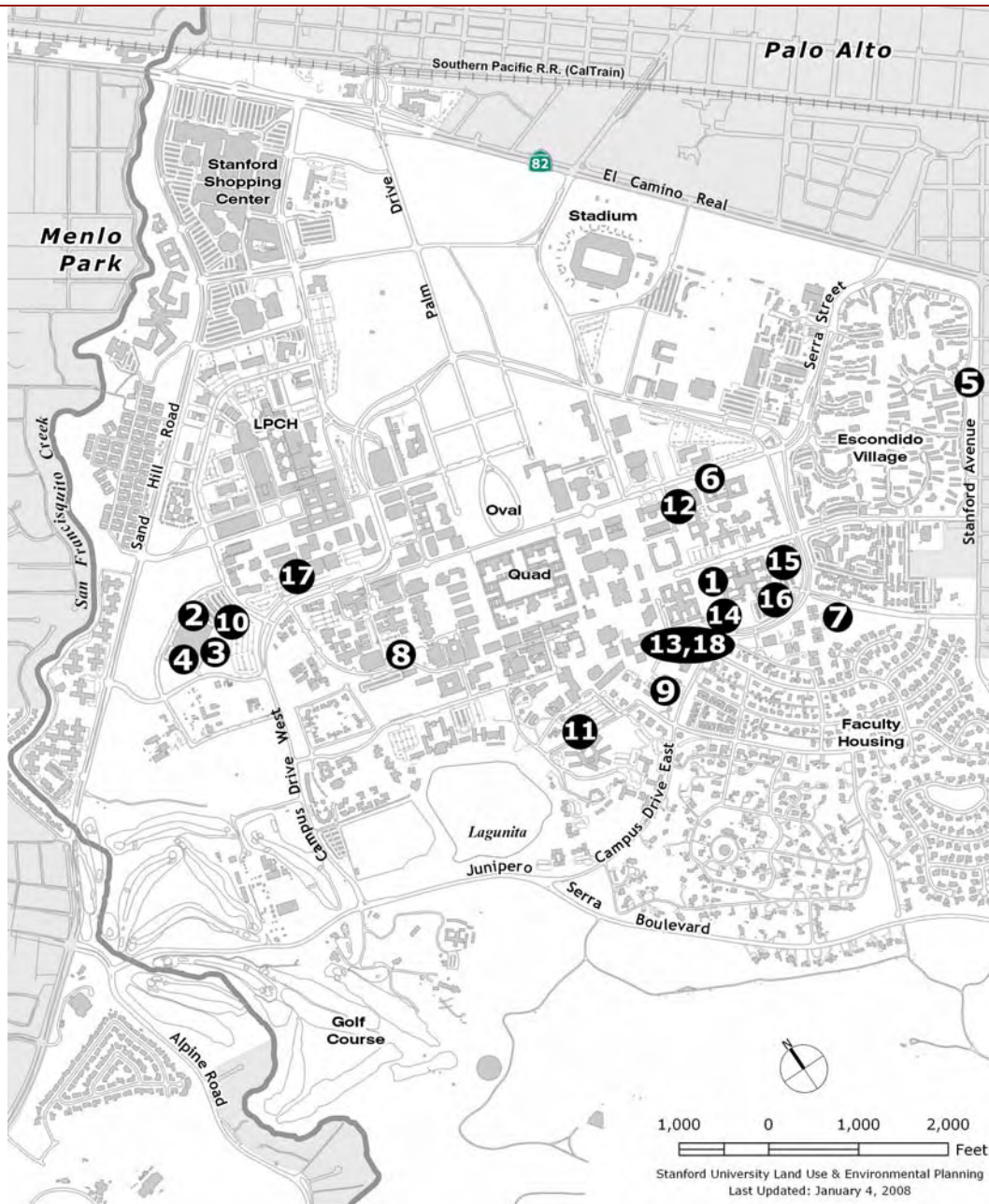
### Cumulative Projects

		Misc. reconstruction/restripe/ADA	(-69)	
Annual Report 7 (2006-2007)	17	LKC displacement	(-505)	(-798)
		Tresidder – Post House Relocation project	34	
	18	Munger Displacement	(-369)	
		Mis. Reconstruction/restripe/ADA	42	
<b>Cumulative Net Contribution toward 2000 GUP Parking Cap:</b>				<b>-1,311</b>

- Map C-3 illustrates the locations of parking projects that change the parking inventory by more than 50 spaces.

# Appendix C

## Cumulative Projects



MAP C-3  
CUMULATIVE PROJECTS THAT AFFECT PARKING INVENTORY (50 SPACES OR MORE)

# Appendix C

## Cumulative Projects

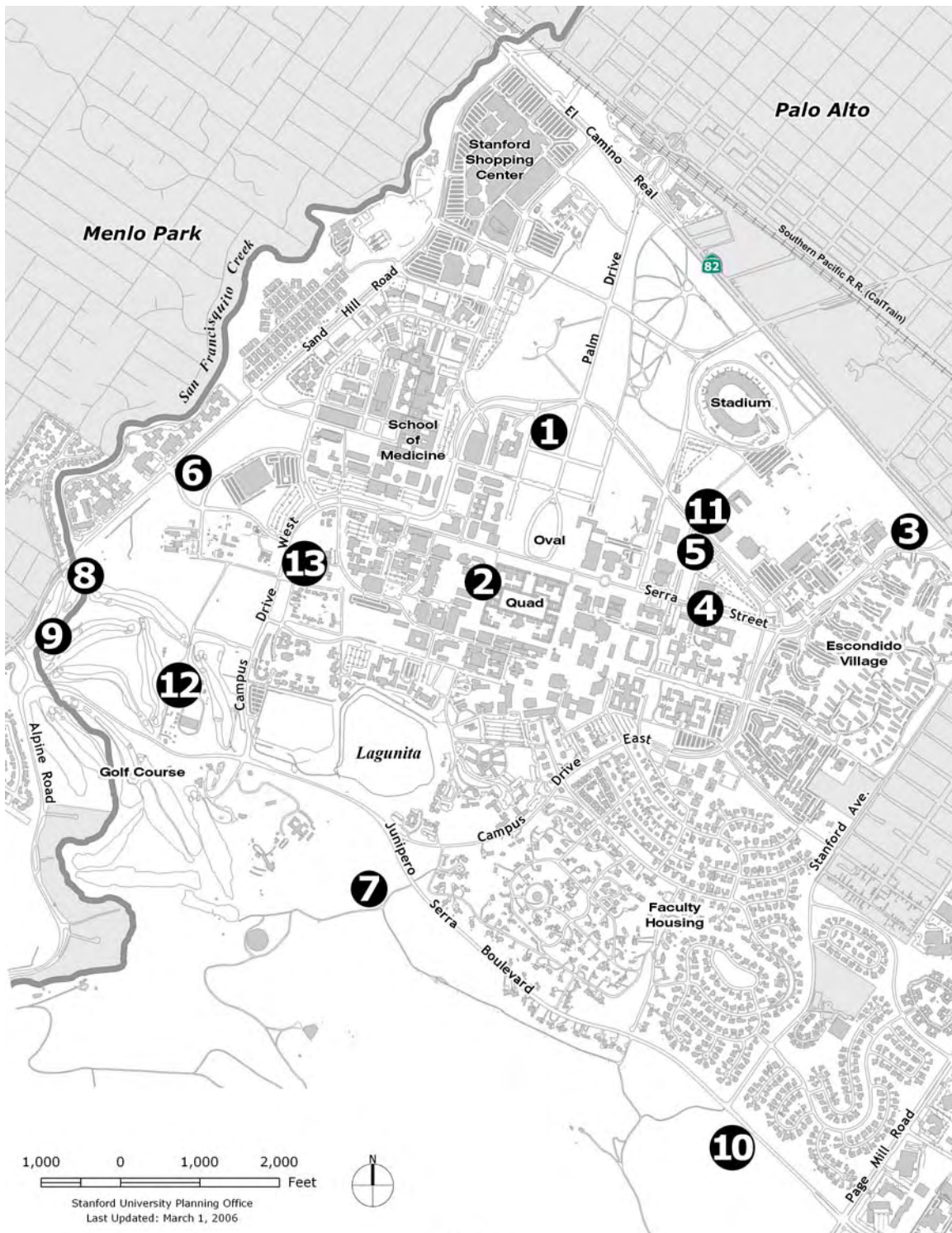
<b>KEY TO MAP C-4</b> <b>ANNUAL REPORT 1 THROUGH ANNUAL REPORT 7</b> <b>CUMULATIVE GRADING PERMIT PROJECTS</b>		
<b>Fiscal Year</b>	<b>Map No.</b>	<b>Project</b>
Annual Report 1 (2000-01)	1	Sandstone Sculpture
Annual Report 2 (2001-02)	2	Lomita Mall
	3	Serra/ECR Detention Basin
	4	Serra Street Reconfiguration
	5	Encina Tennis Courts
Annual Report 3 (2002-03)		None
Annual Report 4 (2003-04)	6	West Campus Storm Detention
	7	CTS Breeding Ponds
	8	Hole #3 Golf Cart Bridge Replacement
Annual Report 5 (2004-2005)	9	Hole #4 Golf Cart Bridge Replacement
	10	Temporary Art in Foothills
	11	Taube Tennis Practice Bleachers
Annual Report 6 (2005-2006)	12	Equestrian Center
	13	Carnegie Grading Permit
Annual Report 7 (2006-2007)		None

Note: These are reported at the time of completion.

These are grading projects that were not associated with construction of academic or housing square footage.

## Appendix C

### Cumulative Projects



MAP C-4  
CUMULATIVE COMPLETED GRADING PROJECTS

# Appendix C

## Cumulative Projects

<b>KEY TO MAP C-5</b> <b>ANNUAL REPORT 1 THROUGH ANNUAL REPORT 7</b> <b>CUMULATIVE BUILDING PROJECTS THAT DO NOT AFFECT</b> <b>BUILDING AREA CAP*</b>						
				Applicable Category		
Applicable GUP Condition:				A.2.a	A.2.b	A.3
Fiscal year	Map No.	Project	Size (sq. ft.)	1989 GUP (sq. ft.)	Temporary Surge Space (sq. ft.)	Community Childcare Center (sq. ft.)
Annual Report 1 (2000-01)		None				
Annual Report 2 (2001-02)	1	Lokey Lab	85,063	85,063		
		Demolish Chem Storage	(-2,441)	(-2,441)		
		Demolish Shocktube Lab for ME	(-929)	(-929)		
		CCSC Modular Replacement	768			768
Annual Report 3 (2002-03)		None				
Annual Report 4 (2003-2004)		Maples Surge Trailers	2,688		2,688	
	2	Graduate Community Center	12,000			12,000
		CSLI/EPGY	8,270	8,270		
Annual Report 5 (2004-2005)	3	Wilbur Modular Ext.	27,360		27,360	
		Building 500	2,266	2,266		
		Maples Surge	(-2,688)		(-2,688)	
		Varian Surge	3,050		3,050	
Annual Reporting 6 (2005-2006)		Wilbur Modular Removal	(-27,360)		(-27,360)	
		Old Union – Serra	21,495		21,495	
		Old Union – Lomita	7,680		7,680	

# Appendix C

## Cumulative Projects

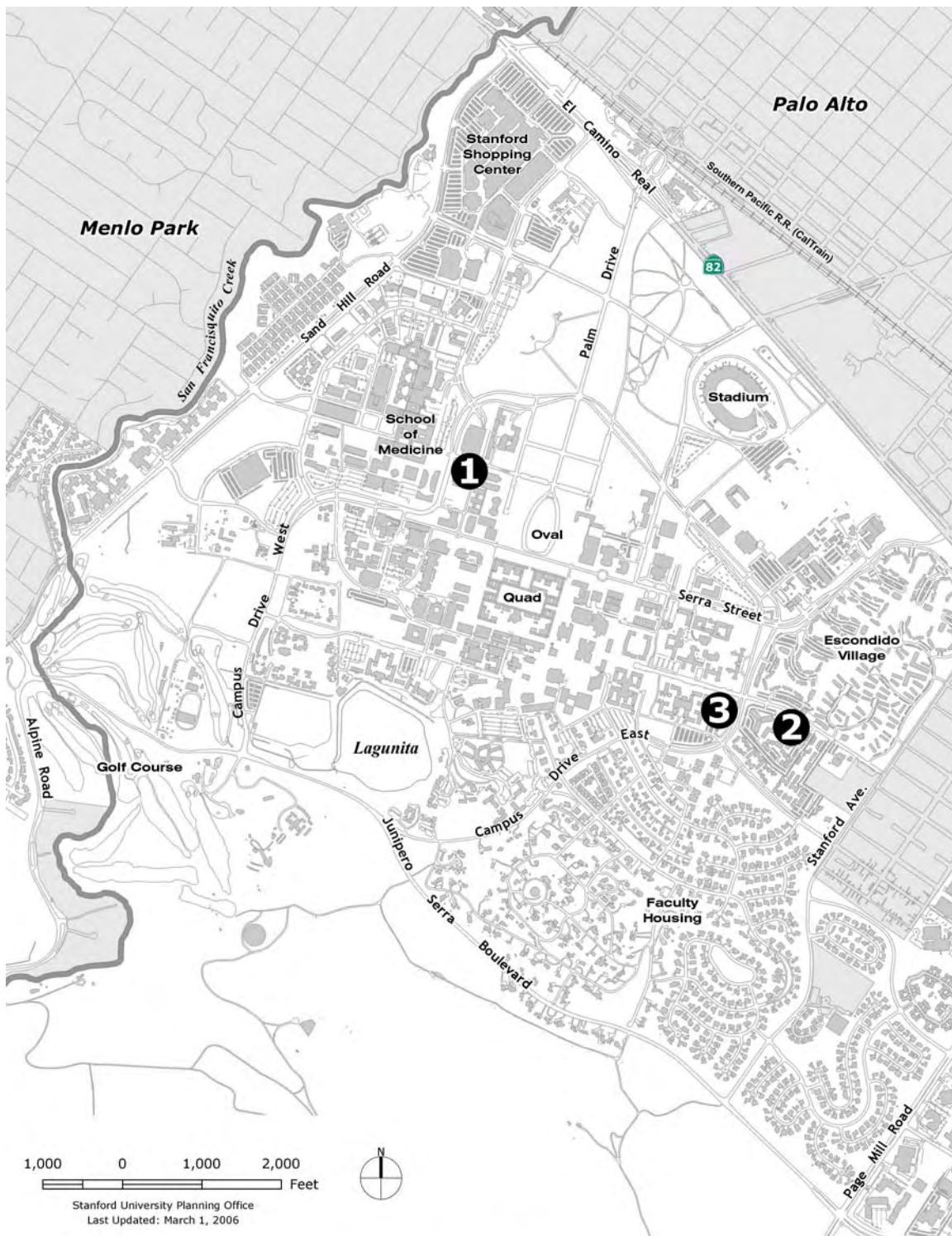
<b>KEY TO MAP C-5</b> <b>ANNUAL REPORT 1 THROUGH ANNUAL REPORT 7</b> <b>CUMULATIVE BUILDING PROJECTS THAT DO NOT AFFECT</b> <b>BUILDING AREA CAP*</b>						
				<b>Applicable Category</b>		
<b>Applicable GUP Condition:</b>				<b>A.2.a</b>	<b>A.2.b</b>	<b>A.3</b>
Annual Reporting 7 (2006 – 2007)		Old Union – Lomita Removed	(-7,680)		(-7,680)	
		Durand Surge (formally Varian Surge)	3,050			
		Tower House Rehabilitation	3,241			3,241
<b>Cumulative Net Square Feet:</b>			<b>104,997</b>	<b>92,229</b>	<b>24,545</b>	<b>16,009</b>

\*Only projects greater than 10,000 sq. ft. in size are shown on map



# Appendix C

## Cumulative Projects



MAP C-5  
CUMULATIVE BUILDING PROJECTS THAT DO NOT AFFECT BUILDING AREA CAP  
(GREATER THAN 10,000GSF)

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**Appendix D**  
**Summary Report of Traffic Monitoring**  
**2001-2007**

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# Appendix D

## Summary Report of Traffic Monitoring

The following tables summarize Stanford Traffic Monitoring to date. The requirements for establishment of the traffic baseline and performing annual comparisons to the baseline are contained within the December 2000 Stanford Community Plan/General Use Permit (GUP)/Environmental Impact Report (EIR) and within the 2000 Stanford General Use Permit.

Condition of Approval G.7 outlines the process for establishing the baseline counts and for continuing monitoring in subsequent years. The process can be summarized as follows:

- Peak hour traffic is counted at least three times per year for a two-week period each time. The three counts shall be averaged to determine the annual traffic level.
- All counts are recorded at the 16 campus entry and exit points, which form a “cordon” around the campus.
- During the count, license plate numbers are recorded for each entering and exiting vehicle to determine the amount of non-campus traffic.
- Cordon volumes are adjusted for parking lots within the cordon used by the hospital (these volumes are subtracted from the cordon line counts) and parking lots outside the cordon used by the university (these volumes are added to the cordon line counts).
- A peak hour is then established for the campus based on the counts, adjusted for cut-through and parking lot location.

Condition of Approval G.4 defines the “no net new commute trips” standard as no increase in automobile trips during peak commute times in the peak commute direction, as counted at a defined cordon location around the central campus.

Condition of Approval G.6 defines the peak commute directions as entering the campus in the morning peak commute period and leaving the campus in the evening commute period. The peak commute period is defined as the one-hour period of time between 7 AM and 9 AM and again between 4 PM and 6 PM with the highest volume of traffic, as defined by the counts. Therefore, the two peak hours are considered to be independent events.

Condition of Approval G.9 states that the Planning Office shall monitor the cordon count volumes using the procedures described above. If the cordon counts, as modified by trip reduction credits, exceed the baseline volumes as calculated by the procedures outlined above by 1 percent or more for any two out of three consecutive years, mitigation of impacts to intersections identified in the December 2000 Stanford Community Plan/GUP EIR will be required. Since an increase in traffic during the AM peak hour is independent from an increase in traffic during the PM peak hour, an increase in traffic for two out of three years in one peak hour would trigger the additional elements of the monitoring program without a change, or even with a decrease in the other peak hour. Also a significant increase during one year in the AM and a sufficient increase in the PM for the following year would not trigger additional mitigation.

### Monitoring Results

The Stanford Traffic Monitoring began in the Spring 2001. Monitoring counts are done each calendar year. The 2001 counts serve as the Baseline to which future years are compared.

## Appendix D

# Summary Report of Traffic Monitoring

Two adjustments were made to the 2002 counts that are summarized in this report. On the basis of results of the 2002 counts, following the adjustments, it was concluded that the counts were below the threshold that would indicate an increase in traffic volumes. Stanford thus was found to be in compliance with the “no net new commute trips” GUP requirement for 2002.

An update to the original 2002 Monitoring Report was issued on October 15, 2003. Following the publication of the July 2003 report, Stanford and the County separately analyzed traffic data for the Stanford Homecoming week. Based on consultation with Stanford and independent analysis of County consultant traffic data, the County determined that data collected for the week of Homecoming should not be included in the comparison data set. The rationale for this decision was that Homecoming had been ongoing for years, was not included in the Baseline counts, and would continue to be an annual event. The County communicated to Stanford that other future “large events” would not be excluded from future counts. The revised analysis substituted the week of October 28, 2002, for the previously counted week of October 14, 2002. The results of this change are noted in the table below as the first revision.

Subsequent to the first adjustment to the 2002 Monitoring Report discussed above, Stanford informed the County that additional Marguerite Shuttle runs had been introduced to campus since the completion of the Baseline counts, and thus counted in the Year 1 (2002) comparison counts. This resulted in an increase of 12 vehicles in each peak hour. County staff determined that these new bus lines should be subtracted from the comparison count. The resultant counts are noted in the table below as the second revision.

The results of the 2003 counts were also below the threshold that would indicate an increase in traffic volumes. Stanford thus was also found to be in compliance with the “no net new commute trips” requirement for 2003.

The results of the 2004 counts were below the threshold that would indicate an increase in traffic volumes for the inbound AM peak hour traffic. However, the 2004 count for the outbound PM peak hour traffic exceeded the threshold by 51 vehicles. On March 2, 2005 Stanford submitted a 2004 Trip Credit Report that was reviewed by Korve Engineering. This report documented a credit of 66 for the increase in the number of bus trips across the cordon points and the number of transit passengers served outside the cordon area in the PM peak hour between the 2001 baseline and 2004. Most of the trip credits claimed are for passengers (primarily Stanford Hospital employees) getting on the shuttle outside the cordon area and traveling to the Palo Alto Caltrain station. Factoring in the trip credit of 66 trips Stanford did not exceed the no net new commute trip standard based on the 2004 Monitoring Program.

The results of the 2005 Monitoring Report concluded that the adjusted AM inbound count totaled 3,383 vehicles. This represented an increase of 64 vehicles, which fell within the 90% confidence interval and did not represent a significant AM inbound traffic increase. The PM outbound count totaled 3,735 vehicles which was an increase of 422 vehicles from the baseline, which is above the 90% confidence interval by 289 vehicles and above the 1% increase trigger by 144 vehicles. Stanford applied for 182 trip credits for the 2005 monitoring period, consistent with the Cordon Count Credit Guidelines.

The 2006 Monitoring Report concluded that the adjusted AM inbound count totaled 3,048 vehicles. This represented a decrease of 271 vehicles from the baseline and does not represent a

## **Appendix D**

# **Summary Report of Traffic Monitoring**

significant AM inbound traffic increase. The PM outbound count totaled 3,427 vehicles, which was a decrease of 19 vehicles from the baseline, which is 128 vehicles below the 90 percent confidence interval and 164 vehicles below the 1 percent established trigger. Stanford submitted a 2006 Trip Credit Report showing 223.36 trip credits – this report has been received and confirmed by the County’s traffic consultant DMJM Harris.

The 2007 Monitoring Report concluded that the adjusted AM inbound count totaled 3,058 vehicles, which was a decrease of 261 vehicles from the baseline, this decrease falls below the 90 percent confidence interval by 141 vehicles and did not represent a significant AM inbound traffic increase. The PM outbound count totaled 3,494 vehicles, which was an increase of 48 vehicles from the baseline counts. This increase falls below the 90 percent confidence interval by 61 vehicles and 97 vehicles below the 1 percent established trigger. Stanford submitted a 2007 Trip Credit Report showing 201 trip credits – this report has been received and confirmed by the County’s traffic consultant DMJM Harris/AECOM.

# Appendix D

## Summary Report of Traffic Monitoring

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### 2001 Baseline

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**Original Publication Date:**

**July 2002**

**Updated Publication Date:**

**October 15, 2003**

Changes between the July 2002 and October 2003 reports were minor editorial corrections.

**Inbound AM:**

Adjusted Average 2002 Count	3,319
90% Confidence Interval (2001)	+/- 120
Significant Traffic Increase (2001)	3,439
1% Increase Trigger (2001)	3,474

**Outbound PM:**

Adjusted Average 2002 Count	3,446
90% Confidence Interval (2001)	+/- 109
Significant Traffic Increase (2001)	3,555
1% Increase Trigger (2001)	3,591

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# Appendix D

## Summary Report of Traffic Monitoring

### 2002 Monitoring Report

**Original Publication Date:**

**December 2002**

**Updated Publication Date:**

**October 15, 2003**

	<b>Original Data</b>	<b>First Revision Data</b>	<b>Second Revision Data</b>
<b>Inbound AM:</b>			
Adjusted Average 2002 Count	3,390	3,287	3,275
Baseline-established 90% Confidence Interval (2001)	+/-120	+/-120	+/-120
Baseline-established Significant Traffic Increase (2001)	3,439	3,439	3,439
Baseline-established 1% Increase Trigger (2001)	3,474	3,474	3,474
Result	-84	-187	-199
<b>Outbound PM:</b>			
Adjusted Average 2002 Count	3,678	3,598	3,586
Baseline-established 90% Confidence Interval (2001)	+/-109	+/-109	+/-109
Baseline-established Significant Traffic Increase (2001)	3,555	3,555	3,555
Baseline-established 1% Increase Trigger (2001)	3,591	3,591	3,591
Result	+87	+7	-5

# Appendix D

## Summary Report of Traffic Monitoring

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### 2003 Monitoring Report

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**Original Publication Date:**

**January 29, 2004**

The following table summarizes the results of traffic monitoring for 2003.

**Inbound AM:**

Adjusted Average 2003 Count	3,413
Baseline-established 90% Confidence Interval (2001)	+/- 120
Baseline-established Significant Traffic Increase (2001)	3,439
Baseline-established 1% Increase Trigger (2001)	3,474
Result	-61

**Outbound PM:**

Adjusted Average 2003 Count	3,476
Baseline-established 90% Confidence Interval (2001)	+/- 109
Baseline-established Significant Traffic Increase (2001)	3,555
Baseline-established 1% Increase Trigger (2001)	3,591
Result	-115

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# Appendix D

## Summary Report of Traffic Monitoring

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### 2004 Monitoring Report

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**Original Publication Date:**

**January 18, 2005**

The following table summarizes the results of traffic monitoring for 2004.

**Inbound AM:**

Adjusted Average 2004 Count	3,413
Baseline-established 90% Confidence Interval (2001)	+/- 120
Baseline-established Significant Traffic Increase (2001)	3,439
Baseline-established 1% Increase Trigger (2001)	3,474
Result	-298

**Outbound PM:**

Adjusted Average 2004 Count	3,642
Baseline-established 90% Confidence Interval (2001)	+/- 109
Baseline-established Significant Traffic Increase (2001)	3,555
Baseline-established 1% Increase Trigger (2001)	3,591
Result (Falls above the 90% Confidence Interval by 87 vehicles)	+87
Result (Falls above the 1% Trigger by 51 vehicles)	+51
2004 Trip Credit	-66
Result With Trip Credit (Falls below the 1% Trigger by 15 vehicles)	-15

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# Appendix D

## Summary Report of Traffic Monitoring

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### 2005 Monitoring Report

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**Original Publication Date:**

**December 21, 2005**

The following table summarizes the results of traffic monitoring for 2005.

**Inbound AM:**

Adjusted Average 2005 Count	3,383
Baseline-established 90% Confidence Interval (2001)	+/- 120
Baseline-established Significant Traffic Increase (2001)	3,439
Baseline-established 1% Increase Trigger (2001)	3,474
Result (Falls below the 90% Confidence Interval by 56 vehicles)	-56
Result (Falls below the 1% Trigger by 91 vehicles)	-91

**Outbound PM:**

Adjusted Average 2005 Count	3,735
Baseline-established 90% Confidence Interval (2001)	+/- 109
Baseline-established Significant Traffic Increase (2001)	3,555
Baseline-established 1% Increase Trigger (2001)	3,591
Result (Falls above the 90% Confidence Interval by 313 vehicles)	+180
Result (Falls above the 1% Trigger by 277 vehicles)	+144

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# Appendix D

## Summary Report of Traffic Monitoring

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### 2006 Monitoring Report

---

**Original Publication Date:**

**November 20, 2006**

The following table summarizes the results of traffic monitoring for 2006.

**Inbound AM:**

Adjusted Average 2006 Count	3,048
Baseline-established 90% Confidence Interval (2001)	+/- 120
Baseline-established Significant Traffic Increase (2001)	3,439
Baseline-established 1% Increase Trigger (2001)	3,474
Result (falls below the 90% confidence interval by 391 vehicles)	-391
Result (falls below the 1% increase trigger by 426 vehicles)	-426

**Outbound PM:**

Adjusted Average 2006 Count	3,427
Baseline-established 90% Confidence Interval (2001)	+/- 109
Baseline-established Significant Traffic Increase (2001)	3,555
Baseline-established 1% Increase Trigger (2001)	3,591
Result (falls below the 90% confidence interval by 128 vehicles)	-128
Result (falls below the 1% trigger by 164 vehicles)	-164

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# Appendix D

## Summary Report of Traffic Monitoring

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### 2007 Monitoring Report

---

**Original Publication Date:**

**November 2007**

The following table summarizes the results of traffic monitoring for 2007.

**Inbound AM:**

Adjusted Average 2007 Count	3,058
Baseline-established 90% Confidence Interval (2001)	+/- 120
Baseline-established Significant Traffic Increase (2001)	3,439
Baseline-established 1% Increase Trigger (2001)	3,474
Result (falls below the 90% confidence interval by 381 vehicles)	-381
Result (falls below the 1% increase trigger by 416 vehicles)	-416

**Outbound PM:**

Adjusted Average 2007 Count	3,494
Baseline-established 90% Confidence Interval (2001)	+/- 109
Baseline-established Significant Traffic Increase (2001)	3,555
Baseline-established 1% Increase Trigger (2001)	3,591
Result (falls below the 90% confidence interval by 61 vehicles)	-61
Result (falls below the 1% trigger by 97 vehicles)	-97

---

# Appendix D

## Summary Report of Traffic Monitoring

### Definitions

The following definitions are provided to assist in understanding for procedures of the Stanford Traffic Monitoring.

**Adjusted Traffic** – The raw traffic counts defined below are adjusted to add in University traffic that does not cross the cordon, and to subtract hospital traffic that does cross the cordon, and cut-through traffic through the campus that is not university related. The adjusted traffic volumes are used to compare the Baseline traffic volumes to subsequent year volumes to assess potential changes in commute traffic volumes.

**AM Peak Hour** – The 60-minute time period with the highest volume of traffic within the 2-hour AM Peak Period. During the AM Peak Period, traffic counts are aggregated by 15-minute increments. The AM Peak Hour is the highest four consecutive 15-minute intervals during the Peak Period for all 16 entrance/exit points combined.

**AM Peak Period** – The 2-hour period beginning at 7:00 AM and ending at 9:00 AM. The AM Peak Hour is calculated for traffic volumes collected during the AM Peak Period.

**Average Count** – Traffic data are collected for 16 entry and exit points. The entering data are averaged for the AM peak and the existing data are averaged for the PM peak. The average counts are used to compare one year to a subsequent year to determine if a change in traffic volumes has occurred.

**Baseline** – The Baseline traffic data are the counts from calendar year 2001, the first year of monitoring after approval of the Stanford GUP in 2000. Subsequent year's counts are compared to the Baseline to determine if the GUP condition requiring no net new commute trips is being satisfied.

**Cordon Line** – A cordon line is an imaginary line that completely encircles an area and crosses all roads leading into and out of the area. By counting traffic volumes on the cordon by direction, the amount of traffic entering the area and exiting the area can be determined. For Stanford traffic monitoring, the cordon line surrounds the campus and crosses all entry and exit roads, such that all vehicles entering and exiting the campus can be counted.

**License Plate Survey** – the last four digits of the license plates of each vehicle entering and exiting the campus is recorded for one day during each week of traffic counts. The time period during which each identified vehicles enters and exits the campus cordon is also recorded. If an entering vehicle's license plate matches an exiting vehicle's license plate with a 15-minute interval, that vehicle is assumed to represent a cut-through trip (i.e. not campus-related) and is subtracted from the total traffic count for Stanford since it does not represent traffic related to Stanford. In order for a vehicle trip to be identified as "cut-through", it must be identified by license plate match as having entered via one roadway and exited via another. If a car is identified by license plate match as using the same entering and exiting roadway, the trip purpose is assumed to be to drop-off a passenger within the campus, and the trip is assumed to be Stanford related and is not subtracted from the trip count total.

**PM Peak Hour** – The 60-minute time period during which the highest volume of traffic is counted, within the 2-hour PM Peak Period. During the Peak Period, traffic counts are

## Appendix D

# Summary Report of Traffic Monitoring

aggregated by 15-minute increments. The PM Peak Hour is the highest four consecutive 15-minute interval during the Peak Period for all 16 entrance/exit points combined.

**PM Peak Period** – The 2-hour period beginning at 4:00 PM and ending at 6:00 PM. The PM Peak Hour is calculated for traffic volumes collected during the PM Peak Period.

**Raw Data** – The total traffic volumes counted at the cordon line before adjustments are made. Adjustments are made to the raw data to subtract hospital parking within the cordon, and cut-through traffic from the total count, and to add university parking outside the cordon to the total count, in order to accurately account for traffic attributable to Stanford University.

**Significant Traffic Increase** – In comparing the change in traffic volumes between the Baseline and subsequent years, only statistically significant changes are considered. The following parameters define how a significant traffic increase is calculated:

- **Ninety Percent Confidence Interval** – A confidence interval is calculated to determine if a subsequent set of data is statistically different from the Baseline data. The County selected a 90 percent confidence interval as the significance threshold. Based on the daily variation in the Baseline counts, the 90 percent confidence interval for the AM peak hour is +/- 120 vehicles. The 90 percent confidence interval for the PM peak hour is +/- 109 vehicles. Therefore, if a subsequent year count exceeds the Baseline count by more than 120 vehicles, there is a 90 percent likelihood that the increase in traffic volumes has increased significantly.
- **One Percent Increase Trigger** – The 1 percent trigger is a second criterion for identifying significant increases in traffic volume. Condition of Approval G.9 stipulates that if traffic volumes increase above the Baseline volumes by 1 percent or more in two out of three consecutive years, this will “trigger” a requirement for additional mitigation.

**Trip Credits** – condition of Approval G.8 specifies that the County will recognize and “credit” Stanford off-campus trip reduction efforts after the approval data of the GUP (December 12, 2000), but not before, within a specified area surrounding the campus. These credits can be used to offset a significant increase in peak hour traffic into and out of the campus. Specific guidelines have been established that define how credits can be applied. An example of a credit would be Stanford providing bus service to someone traveling from the Caltrain Station to the hospital. By reducing overall travel in the area around the campus, Stanford can receive a credit against increases in travel onto the campus.

## Santa Clara County Board of Supervisors

70 West Hedding Street, 10<sup>th</sup> Floor, San Jose California 95110 (408) 299-2323  
Meetings: Tuesdays at 9:30 a.m. Board of Supervisors Chambers

<b>District 1 - Chairperson</b>	Supervisor Donald F. Gage
<b>District 2</b>	Supervisor Blanca Alvarado
<b>District 3</b>	Supervisor Pete McHugh
<b>District 4 - Vice-Chairperson</b>	Supervisor Ken Yeager
<b>District 5</b>	Supervisor Liz Kniss

## Santa Clara County Planning Commissioners

Public Hearings: First Thursday of each month, Board of Supervisors Chambers

<b>Jack Bohan</b>	Term Expires: 06-30-10	Appointed by District 1 (Allocated)
<b>Dennis Chiu</b>	Term Expires: 06-30-10	Appointed by District 3 (Allocated)
<b>Michael Luu- Vice-Chairperson</b>	Term Expires 06-30-10	Appointed by District 3 (Rotating)
<b>Scott Lefaver</b>	Term Expires: 06-30-10	Appointed by District 4 (Allocated)
<b>Mary Ann Ruiz - Chairperson</b>	Term Expires: 06-30-09	Appointed by District 2 (Rotating)
<b>Lydia Tan</b>	Term Expires 06-30-08	Appointed by District 5 (Allocated)
<b>Rebecca Gallardo-Serrano</b>	Term Expires: 06-30-10	Appointed by District 2 (Allocated)

## Santa Clara County Architecture Site Approval Committee

<b>Pamala Wu (Planning)</b>	ASA Secretary
<b>Bill Lee (Road and Airports)</b>	ASA Committee Member
<b>Kristy Kauffman (Department of Environmental Health)</b>	ASA Committee Member

## Stanford Community Plan/General Use Permit Community Resource Group

Bruce Baker	Brian Schmidt	Geri Stewart
Peter Drekmeier	Kathy Durham	James Sweeney
Richard Cline	Jerry Hearn	Richard Luthy (Alternate)

## County of Santa Clara

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Website: [www.sccplanning.org](http://www.sccplanning.org)

Michael Lopez	Planning Manager
Gary Rudholm	Senior Planner
Marina Rush	Project Manager: Stanford University Environmental Mitigation Monitoring and Reporting Program
Pamela Wu	Secretary, Architecture and Site Approval Committee