

Google 1600 Amphitheatre Way,
Mountain View, CA

1265 Borregas

TDM Plan

Issue | March 17, 2020

This report takes into account the particular instructions and requirements of our client.

It is not intended for and should not be relied upon by any third party and no responsibility is undertaken to any third party.

Job number 243343-36

560 Mission Street
Suite 700
San Francisco 94105
United States of America
www.arup.com

ARUP

Contents

	Page
1 Introduction and Project Description	1
1.1 Land Use Description	1
1.2 Trip Reduction Goals	2
1.3 Area Map	3
1.4 Site Plan	3
2 Trip Reduction Program	7
2.1 Baseline TDM Programs	7
2.2 Other TDM Programs	12
2.3 Optional TDM Programs	14
3 Planning and Design Measures	15
3.1 Transit Service	15
3.2 Bicycle and Pedestrian Access	23
3.3 Parking Management	25
3.4 Passenger Loading	26
3.5 Project Amenities	26
4 Implementation Mechanism	29
5 Monitoring and Evaluation	29
5.1 Preliminary Schedule	29
5.2 Acknowledgment of Annual Monitoring	29
5.3 City TDM Program Contact Information	29
5.4 TDM Coordinator Contact Information	29

Appendices

Appendix A

City of Sunnyvale TDM Form

1 Introduction and Project Description

Transportation Demand Management (TDM) is the incorporation of a variety of incentives, services, and actions that influence the reduction of automobile trips in order to provide additional relief from congestion, parking, and air quality impacts¹.

This TDM plan has been completed in accordance with the City of Sunnyvale TDM Tool Kit, and the City of Sunnyvale TDM Program Guidelines. This TDM Plan is also consistent with the Moffett Park Specific Plan Trip Reduction guidelines (see Table 1).

1.1 Land Use Description

The project includes a new 182,500 square foot office building on 1265 Borregas Avenue (the development site). The development site is south of Gibraltar Court and west of Borregas Avenue. Parking will be located on the development site as well as on 160 Gibraltar Court, to the west of the development site, and on 1190 Borregas Avenue and 1196 Borregas Avenue, both of which are to the east of Borregas Avenue and to the south of Humboldt Court.

In total 424 surface parking spaces will be provided – 25 on 1265 Borregas, 37 on 160 Gibraltar Court, 123 on 1190 Borregas Avenue and 239 on 1196 Borregas Avenue. This equates to 2.4/1,000 square feet which is in line with the Sunnyvale Municipal Code outside of Moffett Park and facilitates the compliance of TDM requirements, as discussed in Section 3.3. Of the 424 parking spaces, 9 will be ADA accessible, including 2 van ADA accessible spaces, 7 for expectant mothers, 40 for carpool, and 131 for electric vehicles.

Figure 1 presents a map of the site location and Figure 2 and Figure 3 presents the proposed site plan and parking site plan respectively.

Long-term and short-term bicycle parking as well as space for GBikes, Google's own bike share scheme, will be provided. Long-term or Class I secured bicycle parking is defined as lockable facilities such as individual lockers or enclosed, locked, limited-access areas for parking of bicycles. Short-term or Class II bike racks are defined as stationary objects to which a bicycle can be locked such as "inverted U" racks or "ribbon wave" racks. The GBike and short-term bicycle parking will be conveniently located near building entrances and the long-term parking will be located on level 1 of the office building.

In total, a paved area to accommodate 50 GBikes will be provided. Additionally, 117 long-term wall mounted racks and 22 short-term bicycle parking racks will be provided.

¹ City of Sunnyvale TDM Program Guidelines, October 2016.

Pedestrian and bicycle facilities are also provided in and around the site to connect external pedestrian and bicycle paths to internal entrances and parking.

1.2 Trip Reduction Goals

The trip reduction measures in the TDM plan are essential to achieve the trip reduction goals for the project.

Table 1: Moffett Park Specific Plan TDM Trip Reductions (source: City of Sunnyvale Moffett Park Specific Plan, 2013 Amended)

Development Intensity (including phases)	Total	Peak Hour
Up to 50% FAR	20%	30%
>50-60%	22.5%	30%
>60-70%	25%	30%

The development intensity for 1265 Borregas is 0.605 FAR and therefore, these factors aim for a 25 percent total vehicle trip reduction and a 30 percent reduction during peak hours relative to typical Institute of Transportation Engineers (ITE) trip generation rates, as identified in the Moffett Park Specific Plan, the TDM Tool Kit, and the Sunnyvale TDM Guidelines.

Table 2 shows the estimated weekday AM and PM peak hour vehicle trips for the project using Institute of Transportation Engineers (ITE) vehicle trip generation rates for the General Office Building (710)² land use code. The table also shows the trip generation allowance after applying the City's TDM trip reductions given in Table 1.

Table 2: Trip Allowance Calculation for 1265 Borregas

Land Use	ITE Code	Area (sf)	Daily		AM Peak Hour		PM Peak Hour	
			Rate	Trips	Rate	Trips	Rate	Trips
General Office Building	710	Phase 1: 182,500	9.74	1,778	1.16	212	1.15	210
Maximum Allowable Trips with 25%/30% Trip Reduction			-25%	1,334	-30%	148	-30%	147
Source: ITE Trip Generation Manual 10 th Ed.; ITE Code 710, average rate per 1,000 square feet of gross floor area, peak hour of adjacent street traffic (one hour between 7-9AM and between 4-6PM), general urban/suburban setting								

The maximum allowable daily trips for 1265 Borregas, after the 25 percent reduction, is 1,334. The maximum allowable peak hour trips for 1265 Borregas, after the 30

² ITE Trip Generation Manual 10th Edition (2018). The "Peak Hour of Adjacent Street Traffic" was used for this analysis.

percent reduction, are 148 and 147 in the AM peak hour and PM peak hour respectively.

1.3 Area Map

See Figure 1 for a map showing the location of 1265 Borregas. The office building and 25 surface parking spaces will be located on 1265 Borregas Avenue. The remaining parking will be located on 160 Gibraltar Court, 1190 and 1196 Borregas Avenue.

1.4 Site Plan

See Figure 2 and Figure 3 for a proposed site plan and parking site plan for 1265 Borregas.

Figure 1: 1265 Borregas Area Map

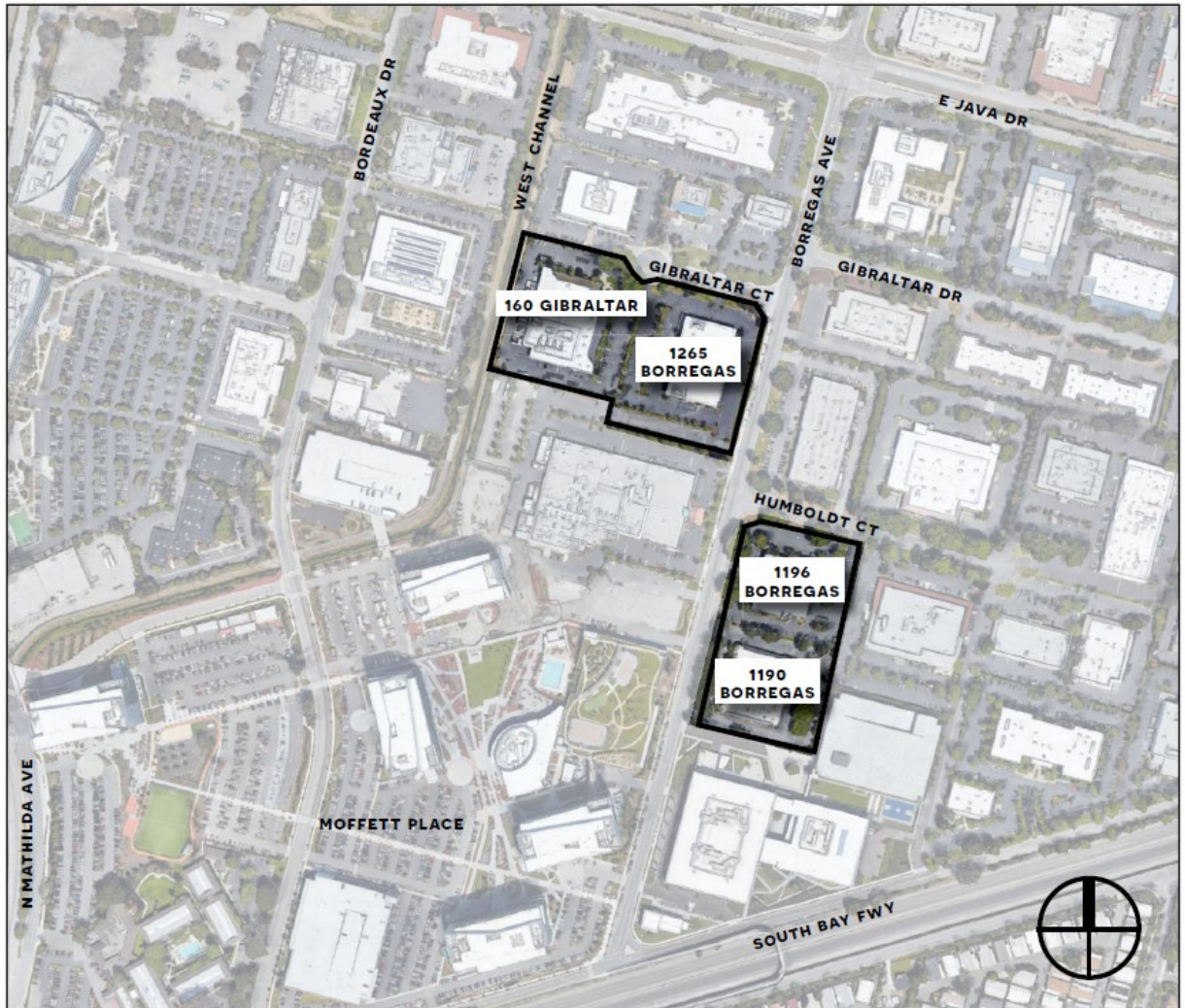


Figure 2: 1265 Borregas Site Plan

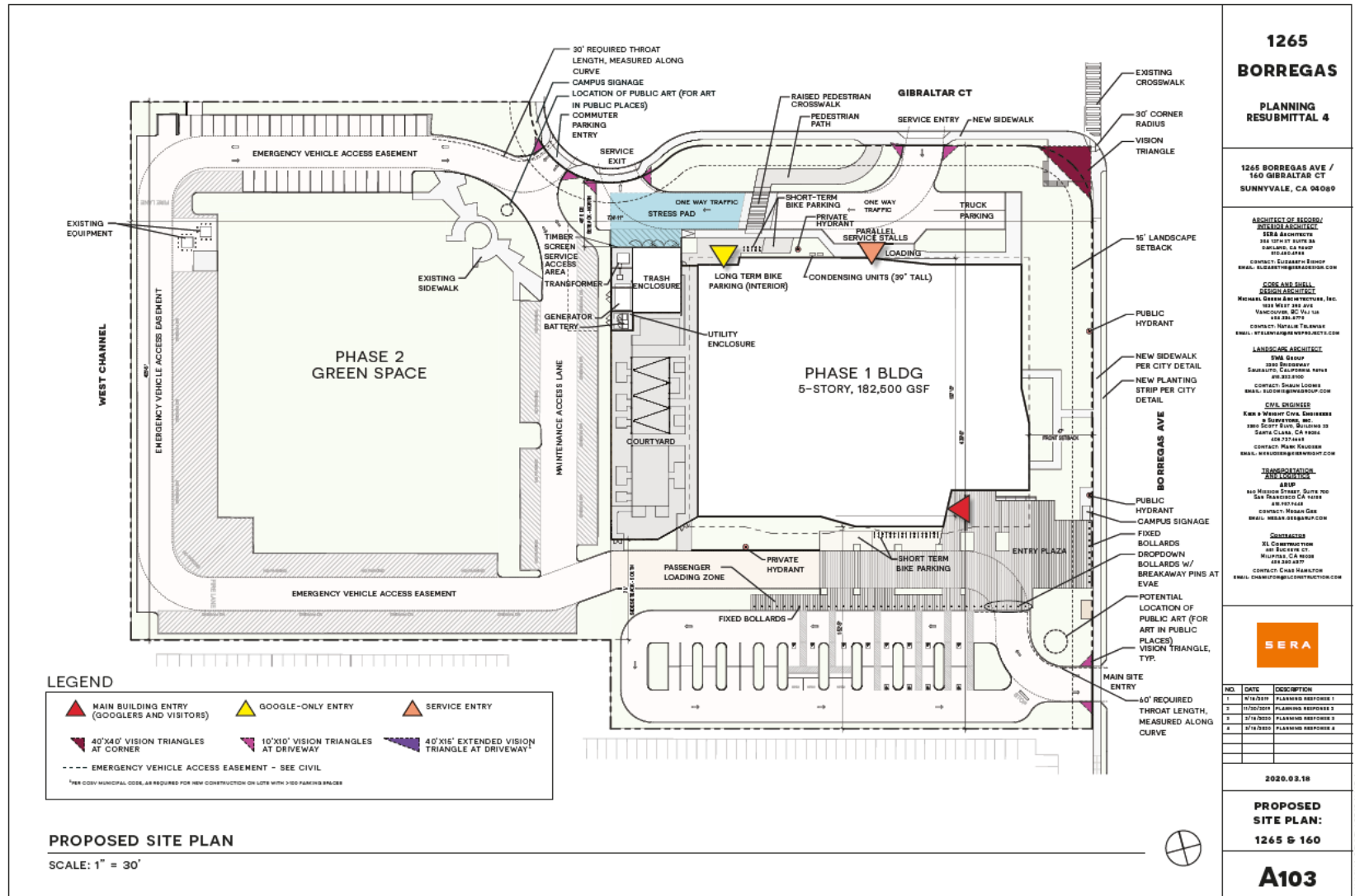
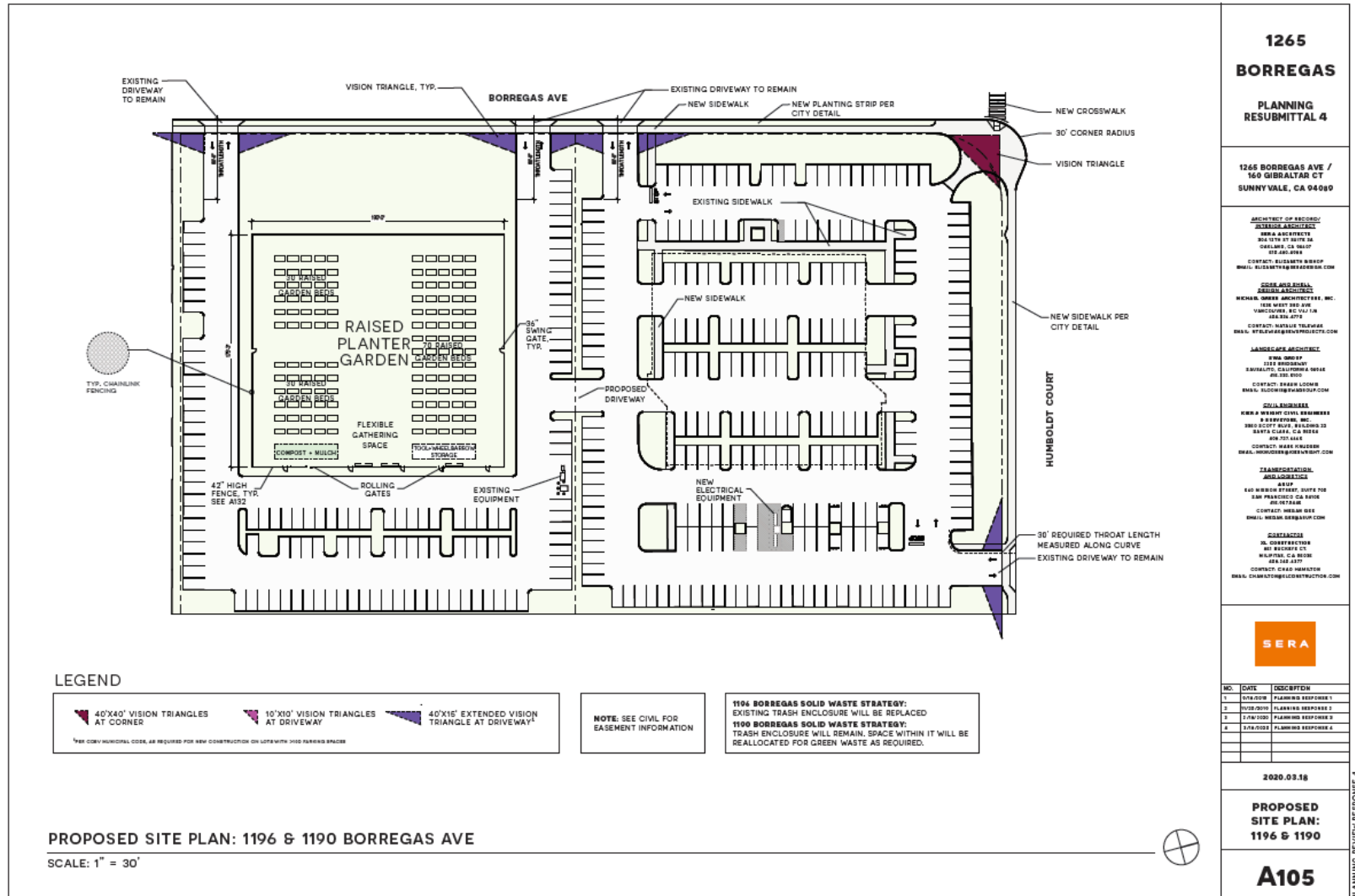


Figure 3: 1265 Borregas Parking Site Plan



2 Trip Reduction Program

Google will offer the following programs to achieve the trip reduction requirements. The programs are organized into two categories: baseline measures, which Google will include in their TDM plan, and optional measures that may be included to help meet the trip reduction requirements.

2.1 Baseline TDM Programs

The baseline TDM programs that the project will implement are described below.

2.1.1 On-Site TDM Coordinator

A transportation program as extensive as Google's requires an entire team. The role of "transportation coordinator" is currently shared by a team of dedicated on-site transportation professionals. The Google Transportation Team is supported by both Google employees and contractors to deliver transportation services. The team is well-positioned to proactively plan for changes in travel demand, adjust and implement new services, and monitor the impacts of changes, all while responding to a host of day-to-day operational challenges. The TDM Plan proposed for 1265 Borregas will be administered and managed through the Google Transportation Team.

2.1.2 Membership in Transportation Management Association (TMA)

A Transportation Management Association (TMA) is an organized group (typically non-profit) that works to support TDM and related commuter transportation strategies for both private and public employers and their employees.

The Moffett Park Business Group operates as a Transportation Management Association. The TMA provides:

- Commuter resources
- Carpool and vanpool matching
- Transportation consulting
- Employee commute surveys
- Guaranteed Ride Home
- Enhanced bicycle facilities
- Car and vanpool incentives
- Transit advocacy
- Information on local issues
- Training
- Marketing programs
- Promotional assistance
- Newsletters



Carpool Parking

Photo © Arup

Google is a member of the Moffett Park Business Group TMA, and actively participates in the TMA programs and remains connected about alternative commute programs, incentives, and transportation projects affecting Moffett Park businesses.

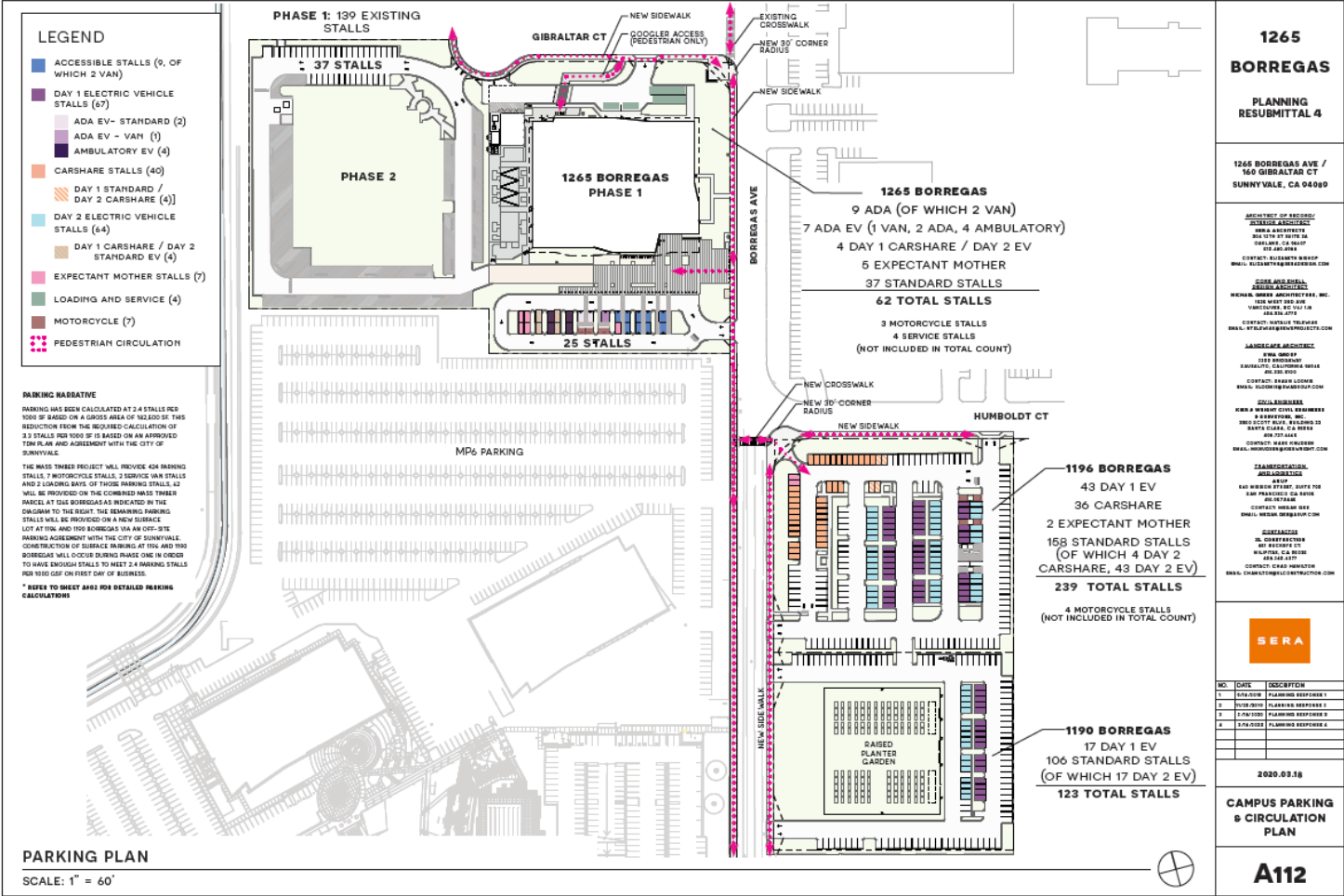
2.1.3 Priority Parking for Carpools, Vanpools, and Clean-Fuel Vehicles

As shown in Figure 4, much of the parking west of Borregas Avenue on 1265 Borregas Avenue and 160 Gibraltar Court will be reserved parking, with parking for ADA, expectant mothers, carpools and personal electric vehicles provided close to main building entrances. The number and type of parking provided is summarized in Table 3.

Table 3: Parking Availability

Type of Parking	Parking Spaces Provided
Total shared and commercial parking spaces	424
ADA spaces	9 (2 of which are ADA van accessible)
Expectant mother spaces	7
Carpool (and vanpool) spaces	40
Electric vehicle parking spaces	131
Loading and service	4
Motorcycle	7

Figure 4: 1265 Borregas Parking and Circulation Plan



2.1.4 Bicycle Parking and Sharing, Shower and Changing Facilities

To facilitate bicycling as a major mode of transportation, secure and ample bicycle parking is required. This includes providing both long-term and short-term bicycle parking. Long-term or Class I secured bicycle parking is defined as lockable facilities such as individual lockers or enclosed, locked, limited-access areas for parking of bicycles. Short-term or Class II bike racks are defined as stationary objects to which a bicycle can be locked such as “inverted U” racks or “ribbon wave” racks. As shown in Table 4, 117 long-term bicycle parking spaces and 22 short-term bicycle racks will be provided.

Electric pedal-assist bicycles, or e-bikes, are a relatively new addition to Google’s shared bicycle fleet. In 2015 Google rolled out a set of e-bikes to employees for longer-distance commuting to work. Employees in Moffett Park are eligible for this program. Of the 117 long-term bicycle parking spaces, between 24 and 30 of the parking spaces will accommodate e-bikes.

As part of Google’s bike sharing system, the site will also accommodate GBikes and Vbikes. The GBike program provides convenience and flexibility for on-campus transportation. GBikes are readily available in Moffett Park; users can pick one up and go. GBikes can be left at any building entrance but are most often used between Google buildings and to reach shuttle stops. Google also operates the Vbike program, assigning hybrid bikes to short-term employees (i.e. visiting workers from other locations) for commute purposes. An area to accommodate up to 50 GBikes will be provided.

Also, to complement a worksite’s bicycle and active transportation facilities, showers and changing facilities are important for employees who walk or bike to work or for those who wish to change after commuting via alternative modes of transportation. At 1265 Borregas, 12 showers with changing facilities and 52 lockers will be provided within the office building.

Table 4: Bicycle Parking Provision

Type of Parking	Parking Spaces Provided
Short-term bicycle parking (racks lockable in two points on a bike)	22 racks / 44 spaces
Long-term bicycle parking (covered, lockable enclosure protected from rain)	117 (24-30 of which must accommodate e-bikes)
GBike parking (paved area with GBike parking sign clearly marked, no racks)	Spaces to accommodate up to 50 GBikes



Short-Term Bike Parking Photo © Alta Planning

2.1.5 Guaranteed Ride Home Program

Google's Emergency Ride Home (ERH) program (functionally equivalent to the Guaranteed Ride Home program described in the TDM Tool Kit) is available to all employees who use alternate modes of transportation and who experience an emergency. The ERH program includes roadside assistance for cyclists, rides home in a vanpool, and/or taxi reimbursement. ERH is a supporting service that makes transit, shuttle services, carpooling, ridesharing, and bicycling viable transportation choices.

2.1.6 Rideshare Matching Services

Google provides an enhanced rideshare program available to all Google employees. Using Waze technology, potential carpoolers are able to dynamically match up with each other using an app, with drivers being reimbursed for their costs only. Waze carpoolers can use the designated carpool parking spaces.

2.1.7 Pre-tax Commuter Benefits

Pre-tax commuter benefits will be provided through payroll deductions and a third-party provider. Consistent with the provisions in the federal tax code, employees have the opportunity to pay for transit passes using pre-tax dollars.

2.1.8 Marketing and Information

Google will lead the marketing and promotion of the TDM programs, which is critical to the success of the TDM measures. In addition to providing information on transit and bike maps, Guaranteed Ride Home program, rideshare matching services, and pre-tax commuter benefits, Google will promote special events and recurring TDM programs to employees. This may include active transportation events such as Bike to Work Day, monthly or quarterly bike repair and commute workshops, fitness competitions, and other incentive programs.

Additional ways to promote the TDM programs include:

- Embedded materials within new hire packets and orientation
- Transportation fairs; combined with benefits/health fairs to increase attendance
- Regularly published electronic newsletters
- Informational email blasts
- Commuter information boards/kiosks located in prominent, central locations like the building lobby
- Employer/TMA website with information and links to local relevant agencies, forms, and services

2.2 Other TDM Programs

This section provides additional TDM programs that Google has in place at some of its worksites and which will be implemented at 1265 Borregas.

2.2.1 Employer Commuter Shuttle Services

Google has in place employer shuttle bus services to the Moffett Park Specific Plan area to serve Google employees already located in the area. Although no additional shuttle stops will be provided at 1265 Borregas, existing shuttle stops which will serve the site are less than a 10-minute walk away, as shown in Figure 5. Further afield, a shuttle stop will also be provided at 1240 and 1260 Crossman Avenue with planned bicycle and pedestrian accommodations along Gibraltar Drive.

Google's commuter shuttle program began in 2006 and has since grown to be one of the Bay Area's largest and most successful employer shuttle programs. According to the 2017 Google in Motion report, over 30% of Google's employees in Sunnyvale commute by shuttle. The shuttle program has dozens of stops located throughout the Bay Area, with each shuttle route typically serving no more than three stops (to reduce travel time), and serving most stops with better than 30 minute headways. Free Wi-Fi is offered on board each shuttle.



Google Shuttle Buses

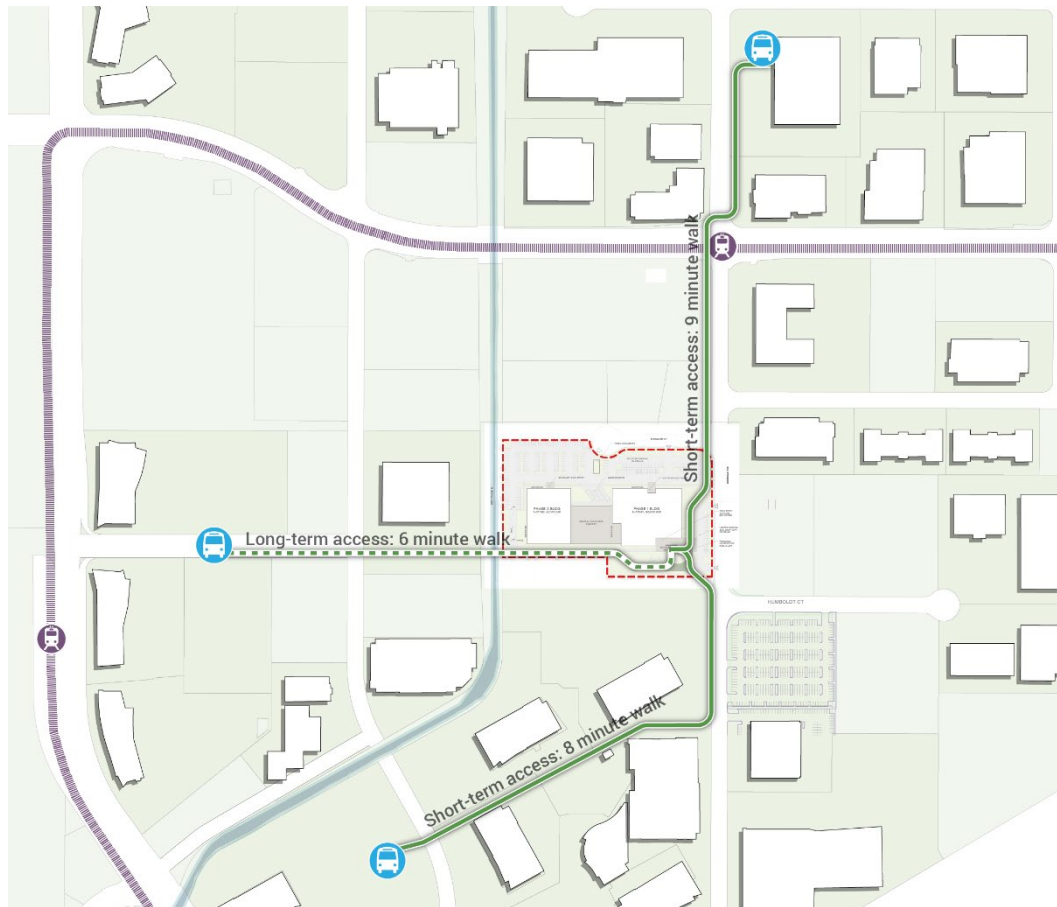
Photo © Arup

The shuttle program is operated on weekdays and is free to employees. Contractors may ride for a nominal fee in accordance with federal tax codes. The Google Transportation Team actively manages the shuttle program in collaboration with contractor suppliers who dispatch and provide drivers. Together, the team responds to day-to-day challenges such as traffic accidents, surges in demand, and bus breakdowns.

Commuter shuttles are especially effective in reducing drive alone mode share, since commute shuttles offer higher vehicle occupancy than carpools and vanpools. Google operates both single- and double-decker shuttles, with capacity ranging from 50 to 70 employees, respectively. All shuttles are equipped with internal and/or external bicycle storage.

One hallmark of the shuttle program is the ability to adjust service to meet growing demand. The Google Transportation Team continuously monitors population growth, preferences, and trends via regular employee surveys and employee feedback. As office locations are added, they also adjust services to those locations. Primary approaches to increase service have been to add stops, add park and ride lots, create new routes, increase frequency, and use higher-capacity vehicles.

Figure 5: 1265 Borregas Shuttle Access



2.2.2 Subsidized or Free Transit Passes

Google currently provides a free VTA SmartPass for its employees in Moffett Park buildings.

2.2.3 Bike Helmets and Locks

Bicycle helmets are currently provided in building lobbies for Google employee use, and will likely be included at this site. Bicycle locks are provided with each VBike. Secure bicycle parking is also provided for Google employees.

2.2.4 Car Sharing

Google employees currently have access to several car sharing options, including Google's fleet of shared vehicles (GFleet) and subsidized membership to external car sharing organizations. Access to shared cars for activities such as errands, doctors' appointments, and off-campus meetings reduces employees' anxiety of leaving their cars at home. Google maintains an all-electric fleet of over 60 car share vehicles that

are available to all employees, free of charge, during work hours. GFleet vehicles are used for trips that begin and end at a Google campus.

2.2.5 Incentives and Rewards

Google employees are encouraged to log their non-single occupant car trips to an online website. Employees that track their trips online are eligible to win transportation-related rewards.

2.3 Optional TDM Programs

This section provides additional TDM programs that Google has in place at some of its worksites and which may be implemented at 1265 Borregas.

2.3.1 Flexible Work Schedule Program

Flexible work schedules provide versatility to employees and can reduce the numbers of commuters during typical peak work hours. Options can include:

- Occasional working from home (as agreed with supervisors)
- Schedule shifting
- Working from other offices or remote locations (if applicable)
- Gradual return to work (from long-term leaves)
- Formal part-time schedules
- Job sharing

Google will likely extend these options to employees at 1265 Borregas.

2.3.2 Subsidized or Free Vanpools or Carpools

Google currently subsidizes vanpools by providing vans, fuel, toll expenses, and vehicle maintenance. Google is reviewing plans to expand this program to increase participation, with a particular focus on areas that are not well-served by the shuttle service.

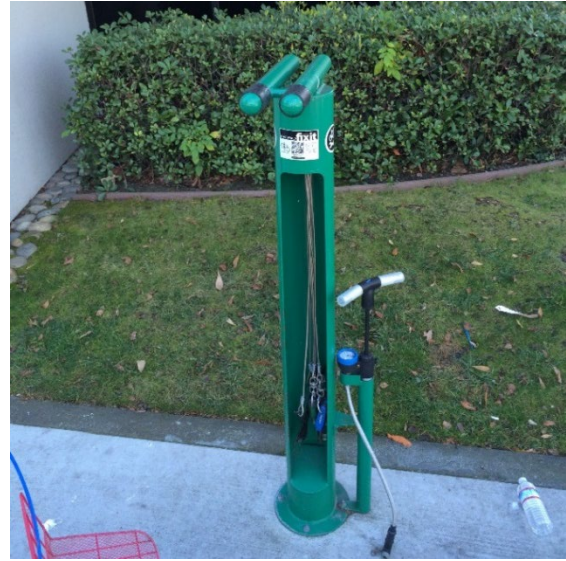
2.3.3 On-Site Bike Repair Facilities

Google employees in Moffett Park may make appointments for discounted tune-ups. These services are available approximately once per month from an onsite vendor. Self-repair stations in bike parking areas are also available in various locations within Moffett Park and may be provided at 1265 Borregas.



On-site repair facility

Photo © Alta Planning



Self-repair station

Photo © Alta Planning

3 Planning and Design Measures

The project's location and physical context provides access to public transit and bicycle routes, which will complement the TDM program measures listed in Section 2.

3.1 Transit Service

Currently, a variety of transit services serve the project site. VTA Light Rail and several VTA bus routes stop within less than a quarter mile of the site. The Altamont Corridor Express (ACE) Train provides a shuttle for commuters from the east (as far east as Stockton, passing through Lathrop, Tracy, Livermore, Pleasanton, and Fremont). Caltrain provides service to Sunnyvale, which connects to the VTA Light Rail stations around the site.

Table 5 shows a summary of the existing transit services. Maps of these existing routes are provided in Figure 6 through Figure 11. It is understood that these routes may change when the VTA Next Network project is implemented and the anticipated changes are also noted in Table 5.

Table 5: Transit Services Serving 1265 Borregas (source: VTA)

Service	Description	Nearby Stops	Service Hours
Bus 56	Lockheed Martin - Tamien Station	Java & Geneva (0.3 mi)	5:08AM-10:34PM (weekdays)

Bus Express 121	Gilroy Transit Center to Lockheed Martin Transit Center/Moffett Park	Java & Geneva (0.3 mi)	4:30AM-7:32PM (weekdays)
Bus Express 122	South San Jose to Lockheed Martin/Moffett Park	Java & Geneva (0.3 mi)	5:49AM-6:03PM (weekdays)
Bus Rapid 523	Berryessa BART - Lockheed Martin via De Anza College	Lockheed Martin Transit Center	5:08AM-11:30PM (weekdays)
LRT Orange Line	Mountain View to Alum Rock	Borregas Light Rail Station (0.3 mi)	5:03AM-12:50AM (weekdays)
Bus ACE Red	Great America ACE Station - North Sunnyvale	Java & Geneva (0.3 mi)	6:16am-6:39pm (weekdays)

Figure 6: Bus 56 (source: VTA)



Figure 7: Bus Express 121 (source: VTA)

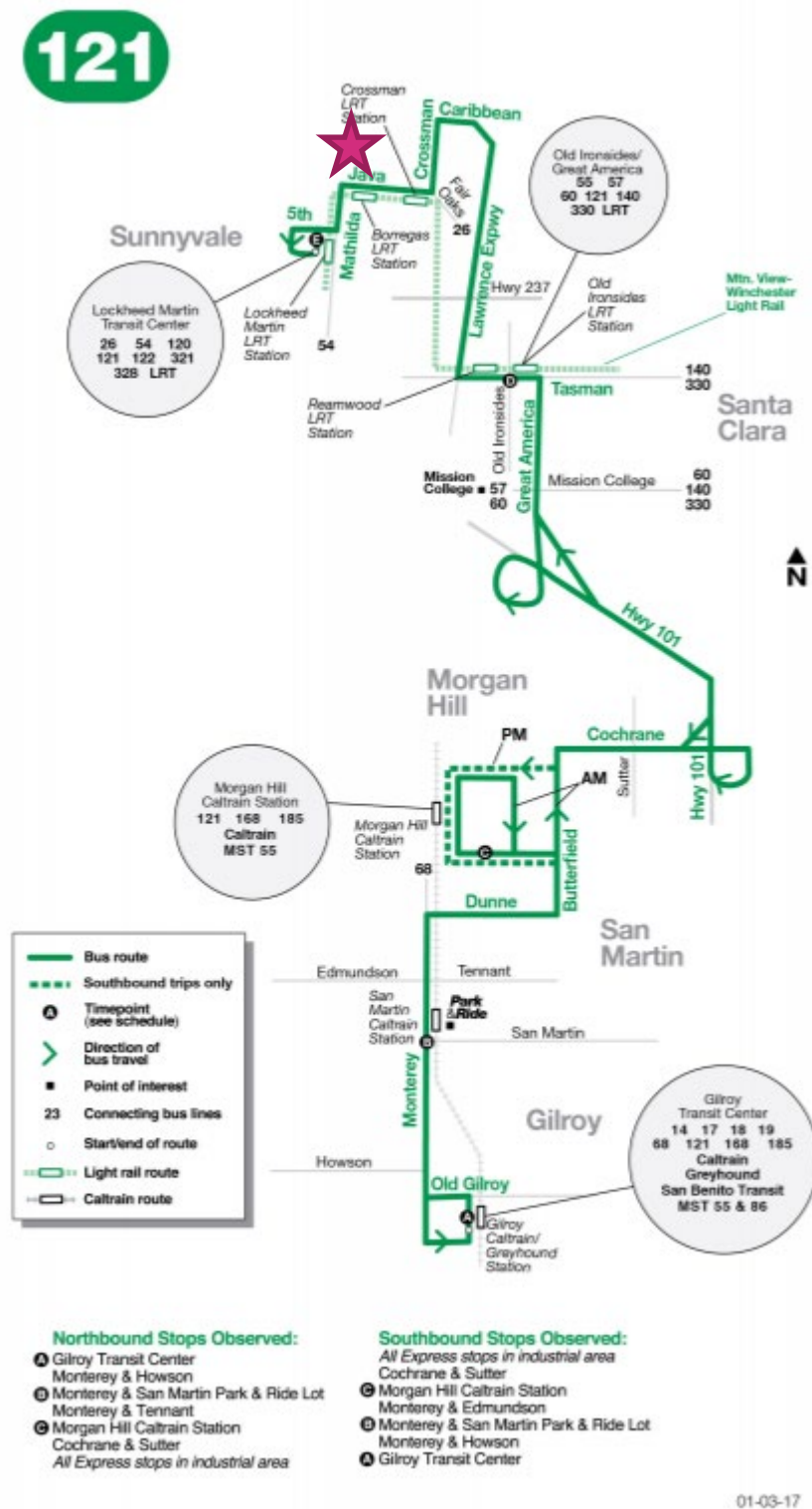
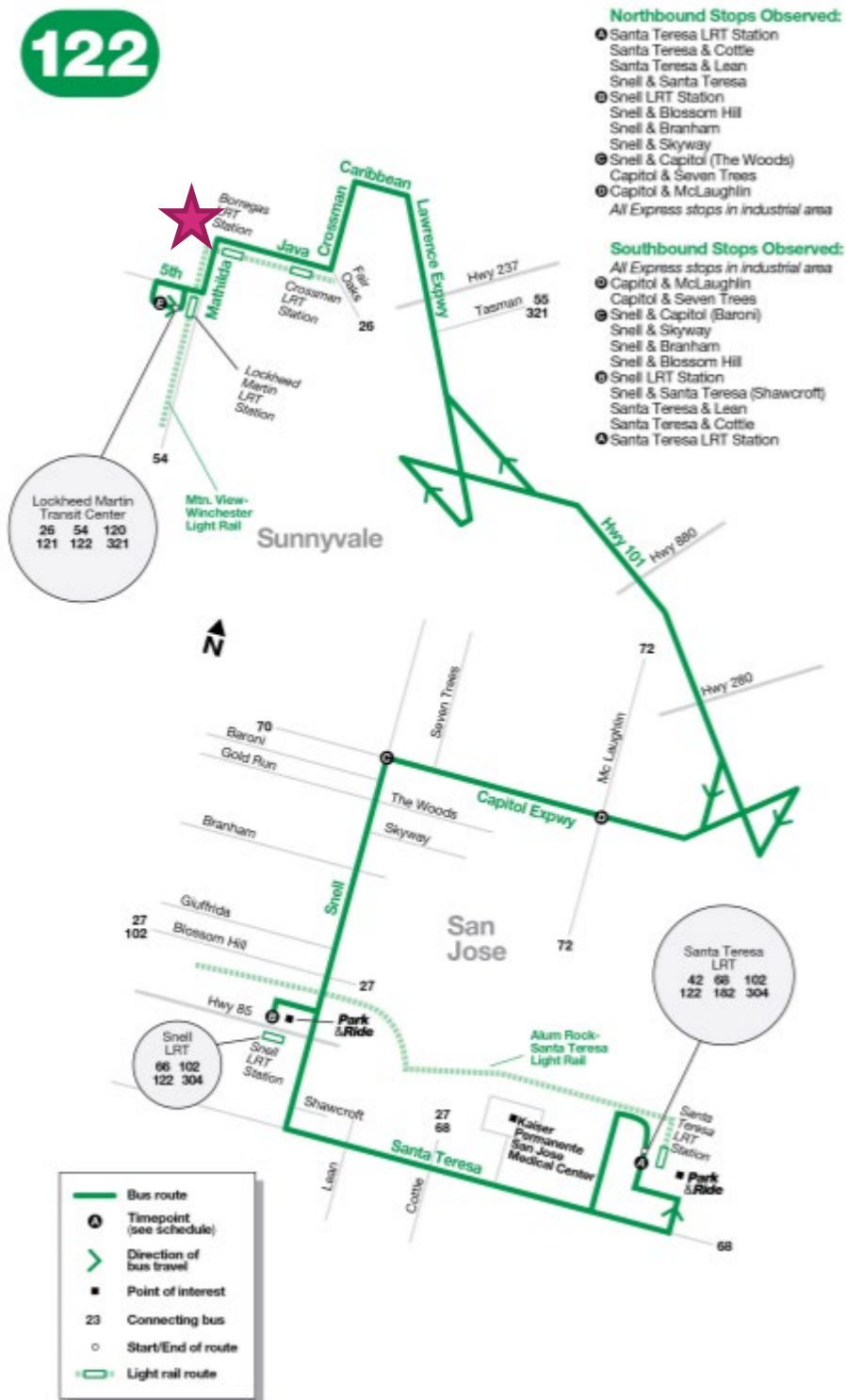


Figure 8: Bus Express 122 (source: VTA)



01-06-14

Figure 9: VTA Rapid 523 (source: VTA)

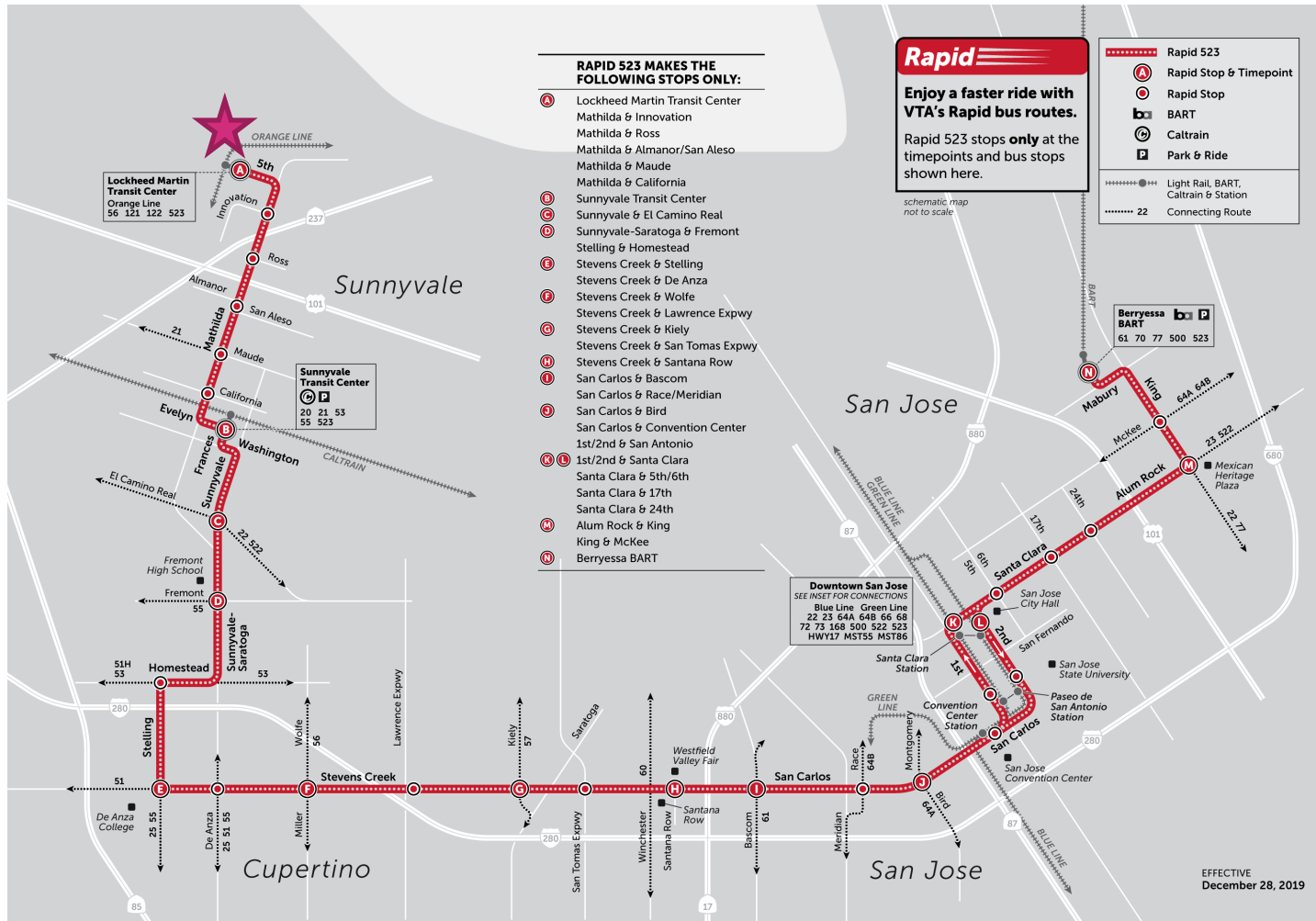


Figure 10: LRT Orange Line (source: VTA)

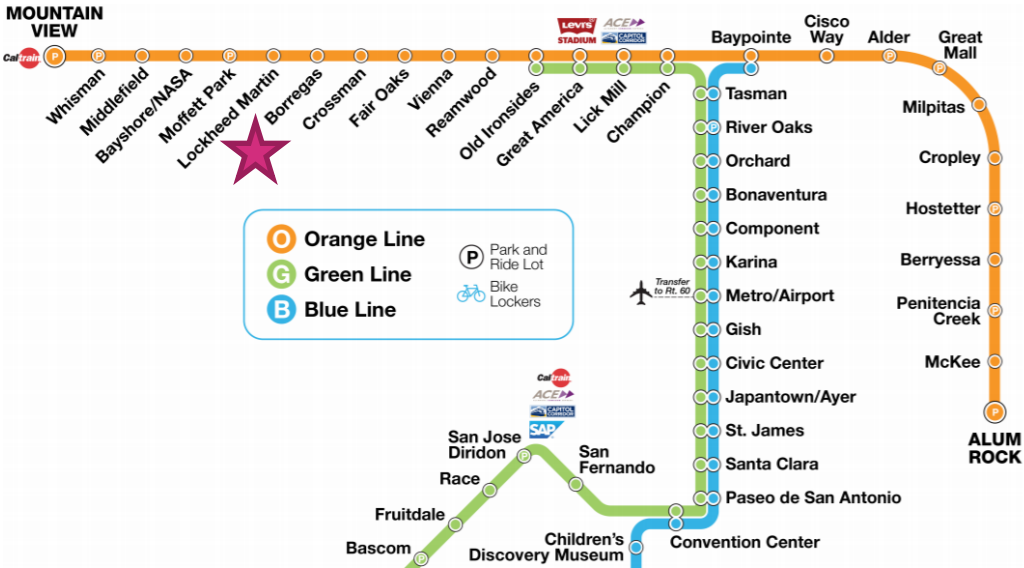


Figure 11: ACE Red Line Shuttle 826 (source: VTA)

ACE Red Shuttle

JAN 30 2017

North Sunnyvale
826



WTA 1006

Caltrain

Caltrain provides a commuter rail service along the San Francisco Peninsula, through the South Bay to San Jose and Gilroy. The service operates seven days a week with various frequencies during the peak morning and evening hours. Google's employees can connect to the development site from the Caltrain station in Mountain View via VTA Light Rail.

Bay Area Rapid Transit (BART)

BART is a heavy-rail system that connects riders in the East Bay and in the northern part of San Mateo County to San Francisco. The system operates seven days a week with various frequencies during the peak morning and evening hours. Currently, commuters using BART can connect to VTA bus route 120 from the Fremont BART station. In future, with BART's Silicon Valley Extension and the VTA Next Network, BART will connect with the VTA Light Rail Orange Line at Milpitas.

3.2 Bicycle and Pedestrian Access

The site includes a network of pedestrian pathways. New crosswalks and sidewalks are proposed to connect the parking east of Borregas Avenue, to the development site and parking west of Borregas Avenue. As shown in Figure 12, the proposed bike and pedestrian circulation runs north-south to the east of the office building with intentions to connect to the larger network of existing and planned bicycle and pedestrian infrastructure in the area. Figure 13 shows the local existing and planned trails near the project.

Along with local area bikeways, the site has close access to the San Francisco Bay Trail. The San Francisco Bay Trail is a planned 500-mile walking and cycling path around the San Francisco Bay, running through all nine Bay Area Counties. The Bay Trail currently has 350 miles in place.

Figure 12: Proposed bicycle and pedestrian circulation on site

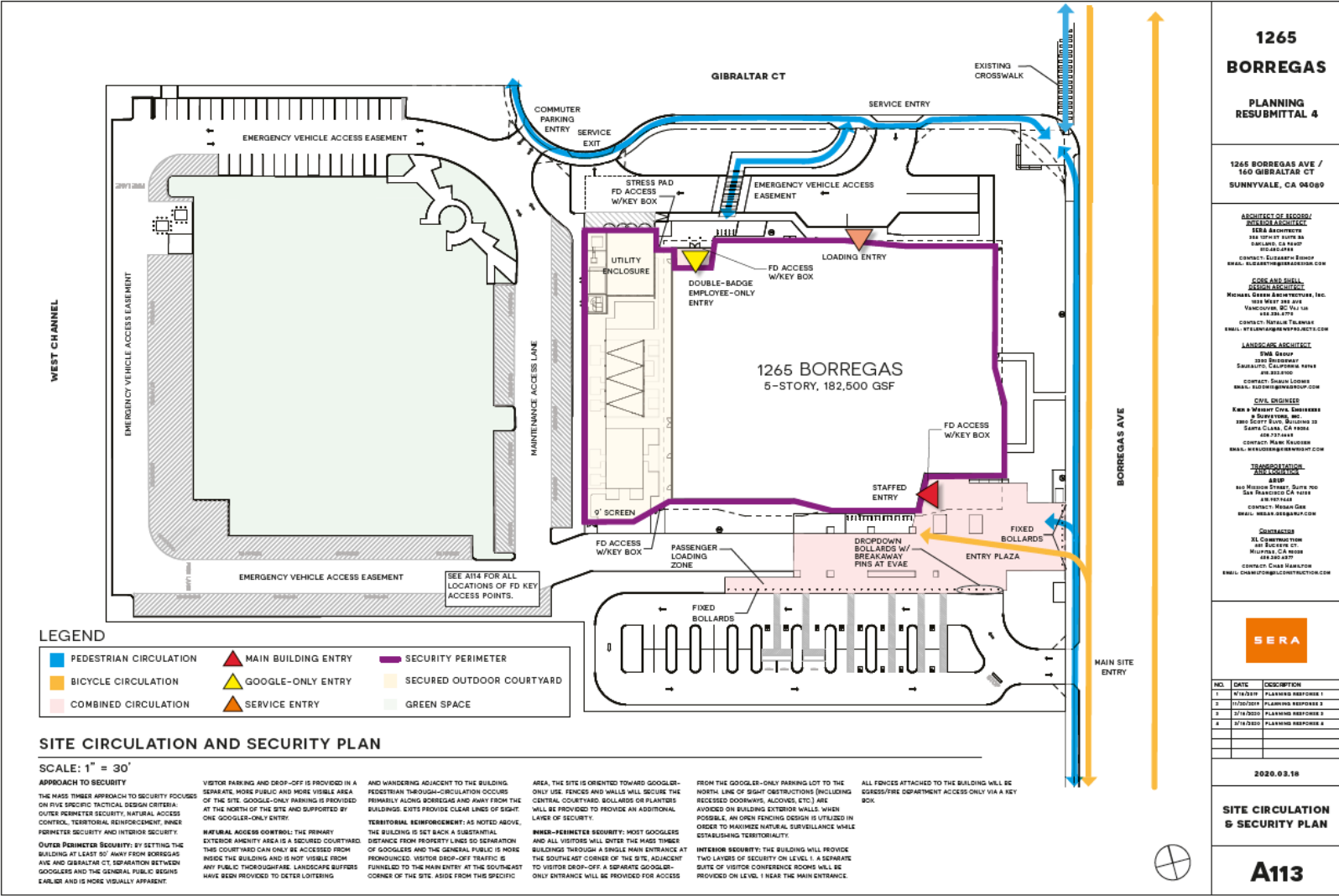
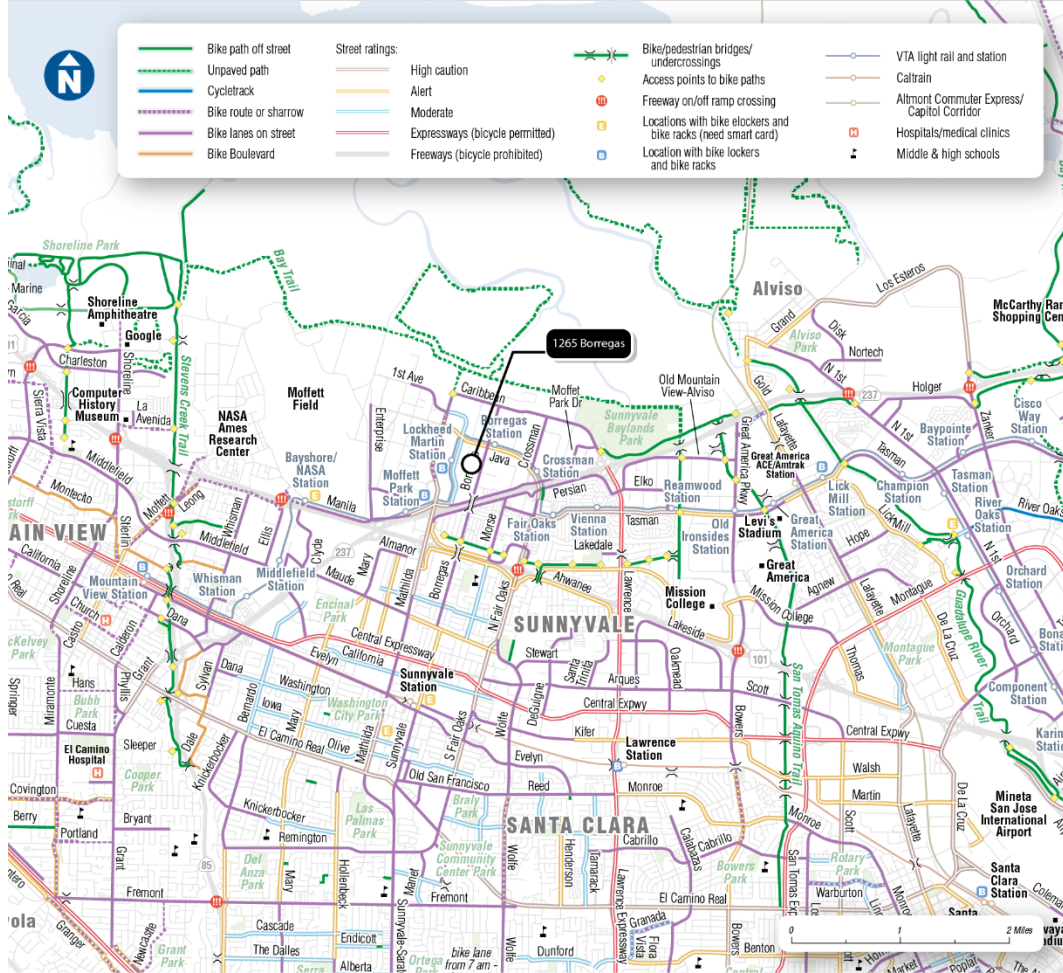


Figure 13: Sunnyvale Bikeways (source: Santa Clara Valley Transportation Authority)



3.3 Parking Management

The supply of parking can directly affect the behavior of commuters. As such, managing the supply and use of parking should enhance and encourage the TDM measures.

The proposed parking ratio of 2.4/1,000 square feet is consistent with the parking requirement for office and R&D uses throughout the City of Sunnyvale outside of Moffett Park. This project proposes the use of a 2.4/1,000 square feet parking ratio to facilitate compliance with the City's TDM requirements and to encourage the use of alternative modes of travel. Therefore 424 parking spaces will be provided. Of the 424 parking spaces provided, 62 surface parking spaces will be located to the west of Borregas Avenue and an additional 362 surface parking spaces will be provided on the sites to the east of Borregas Avenue – 123 on 1190 Borregas Avenue and 239 on 1196 Borregas Avenue. Of the 424 parking spaces, 9 will be ADA accessible, including 2 van ADA accessible spaces, 7 for expectant mothers, 40 for carpool, and 131 for

electric vehicles. Preferential parking will be made available for alternative commuters, including carpools, vanpools, and electric vehicles.

The parking to the west of Borregas Avenue is accessible from Borregas Avenue and Gibraltar Court. Access to the parking sites to the east of Borregas Avenue is from Borregas Avenue and Humboldt Court.

3.4 Passenger Loading

Some Googlers are expected to arrive at the campus by GRide, and others may use shared ride services (Lyft, Uber). This is much more likely for external visitors, particularly those without an LDAP. Although convenience is important for maintaining a high quality user experience, this campus prioritizes active mobility and safety over vehicle mobility, so 1265 Borregas will include a drop-off area in the 1265 Borregas parking area adjacent to the main entry plaza. This location does not require road crossings, and limits conflict points between vehicles and other road users to one intersection.

3.5 Project Amenities

The on-site amenities and services provided at Google reduce the number of trips that employees need to take during the day and increase the feasibility of using an alternative to a single-occupancy vehicle. The project has plans for many on-site amenities, which include:

- Showers and changing facilities
- Bicycle storage
- Public plaza with greenery and seating
- Bicycle and pedestrian pathways across campus site
- Pedestrian and bike circulation throughout and around the property
- 12,000 sq ft café



Kiosk desk for on-site services



Photo © Arup

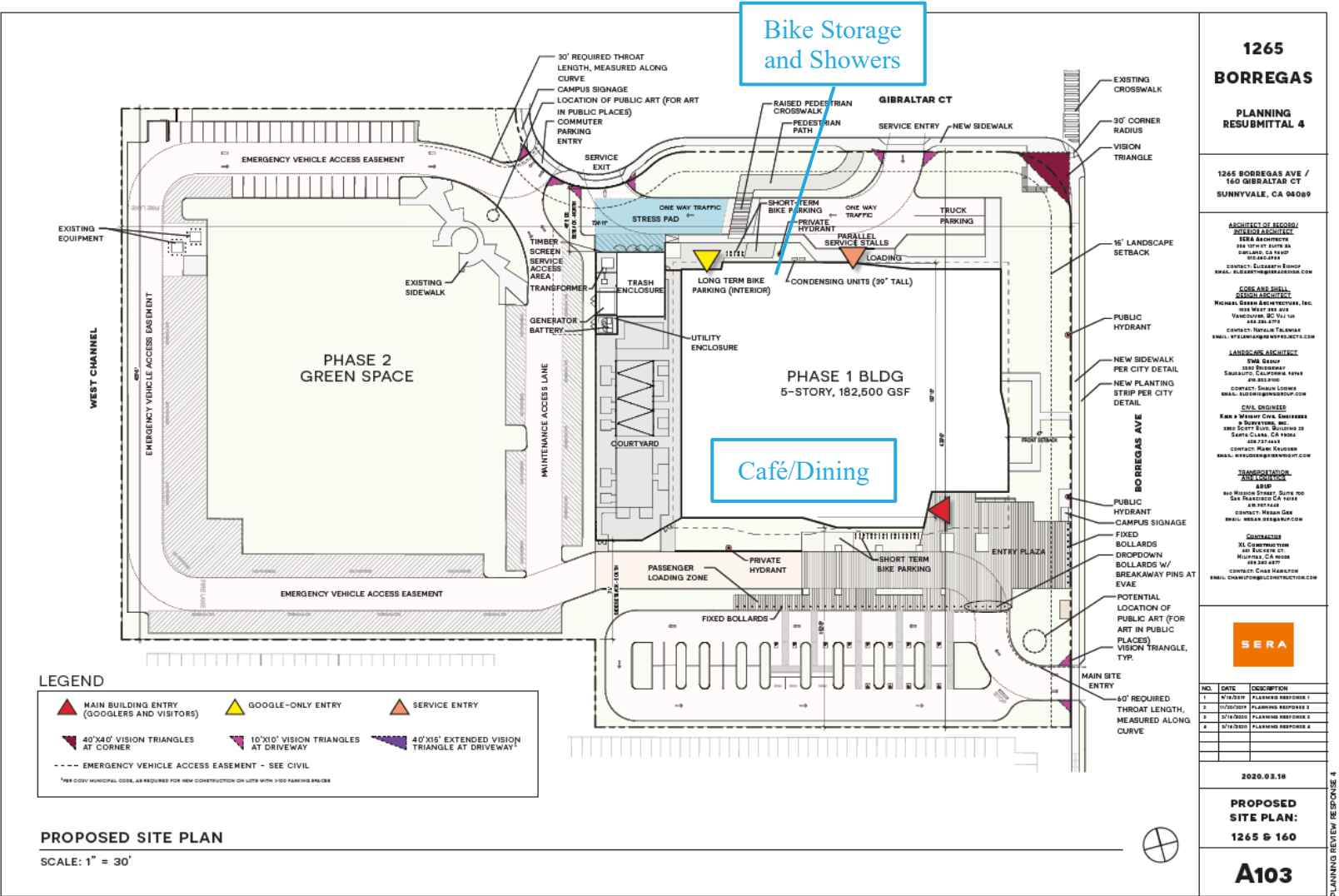
Mobile haircut services

Photo © Arup

3.5.1 Exhibits Highlighting TDM Plan Elements on the Project Site Plan

Figure 14 shows support areas in the planned floor plans for 1265 Borregas, including bicycle and shower facilities, and on-site food facilities.

Figure 14: On site amenities



4 Implementation Mechanism

Google will be responsible for implementing the TDM programs. TDM programs shall be complete, active, and in place upon 75% building occupancy.

Upon implementation of the program, as per requirements outlined in the TDM Program Guidelines, Google shall contact the City in writing to identify the designated TDM Coordinator, their contact information, occupancy date, and implementation date of the TDM plan. Such notification shall be sent to the City TDM Program.

5 Monitoring and Evaluation

Google will be responsible for annual monitoring and evaluating the TDM programs. Google's TDM Coordinator(s) shall produce annual reports to the City.

5.1 Preliminary Schedule

First day of business of 1265 Borregas is expected to be in the second quarter of 2022.

5.2 Acknowledgment of Annual Monitoring

Google acknowledges that the City will administer monitoring beginning at 75% occupancy and agrees to pay all costs for monitoring. According to the City's TDM procedures, monitoring is by driveway counts. Google acknowledges that non-compliance fees will apply and recognized that the fees are subject to change per the Sunnyvale TDM Guidelines.

5.3 City TDM Program Contact Information

Mailing Address: City of Sunnyvale
Transportation Demand Management Program Manager
456 W. Olive Avenue
Sunnyvale, CA 94086
Phone Number: (408) 730-7415

5.4 TDM Coordinator Contact Information

The TDM Coordinator for 1265 Borregas is as follows:

Name: Lucy Noble

Firm: Google LLC
Mailing Address: 1600 Amphitheatre Parkway
Mountain View
Email: lucynoble@google.com
Phone Number: +1 323 532 2995

Appendix A

City of Sunnyvale TDM Form

Effective 4/1/2016



DOTAT File Number: _____

TRANSPORTATION DEMAND MANAGEMENT (TDM) FORM**DIVISION OF TRANSPORTATION AND TRAFFIC**

A Transportation Demand Management (TDM) program is the incorporation of a variety of incentives, services, and actions that influence the reduction of automobile trips in order to provide additional relief from congestion, parking and air quality impacts. Projects within the City of Sunnyvale that require the implementation of a TDM program must have a TDM Form approved by the City prior to issuance of building permits. The site and TDM coordinator contact information must be kept up to date with the City at all times; this information can be updated at any time by submitting an updated TDM Form. One TDM Form must be submitted and approved per site. Parcels sharing driveway access are to be considered a single site and single parcels with two or more separate access points are also considered a single site.

Project Information

Project Number:		Project Name:	1265 Borregas
Project Description:	The proposed project includes a 182,500 GSF office building		
Site Address:	1265 Borregas Avenue, Sunnyvale, CA 94089		
Floor Area (s.f.):	182,500 GSF	Expected 75% Occupancy Date:	Q2 2022
Required Trip Reduction:	30 % AM, 30 % PM		

Project Applicant or Representative

Name:	David Gensemer	Firm:	Google LLC
Mailing Address:	1600 Amphitheatre Parkway, Mountain View, CA 94043		
Email:	dgensemer@google.com	Phone Number:	310-721-5172

Owner

Name:	David Gensemer	Firm:	Google LLC
Mailing Address:	1600 Amphitheatre Parkway, Mountain View, CA 94043		
Email:	dgensemer@google.com	Phone Number:	310-721-5172

TDM Coordinator Contact

Name:	Lucy Noble	Firm:	Google LLC
Mailing Address:	1600 Amphitheatre Parkway, Mountain View, CA 94043		
Email:	lucynoble@google.com	Phone Number:	323-532-2995

1/2

rev. 03/2016

Effective 4/1/2016

Trip Information

	Code ¹	Land Use Description ¹	Units	Unit Type ²	AM Trips	PM Trips
Project use – 1	710	General Office Building	182,500	KSF	212	210
Project use – 2 ³						
Project use – 3 ³						
Site Baseline Total					212	210
Trip Reduction Requirement					30%	30%
Maximum Allowable Average Trips					148	147
Notes: 1. All trip generation calculations shall be done per the latest version of the ITE Trip Generation Manual at the time of project approval. The edition applicable to this project is <u>10th Edition</u> . 2. Unit type per ITE Trip Generation Manual (e.g. dwellings, occupied rooms, KSF) 3. Only applicable for multi-use projects.						

Attachments

The following documents must be attached to this form:

☐ Site Map (Letter-size)☐ Copy of Project Conditions of Approval pertaining to TDM requirements

Because the project is still in the design stage the Conditions of Approval are not yet available. Updated Conditions of Approval will be provided once available.

DOTAT USE ONLY

Received Date: <u>3/25/2020</u>	Completed Sections:	<input checked="" type="checkbox"/> Project Information
Received By: <u>Lillian Tsang</u>		<input type="checkbox"/> Project Applicant/Representative
Approval: <input checked="" type="checkbox"/> Approved (Date: <u>3/31/2020</u>)		<input type="checkbox"/> Owner
<input type="checkbox"/> Incomplete – Notes:		<input checked="" type="checkbox"/> Trip Information
		<input checked="" type="checkbox"/> Site Map
		<input type="checkbox"/> COA's