CITY of CALABASAS

CITY COUNCIL AGENDA
REGULAR MEETING – WEDNESDAY, MARCH 12, 2014
CITY HALL COUNCIL CHAMBERS
100 CIVIC CENTER WAY, CALABASAS
www.cityofcalabasas.com

The starting times listed for each agenda item should be considered a guideline only. The City Council reserves the right to alter the order of discussion in order to run an effective meeting. If you wish to assure yourself of hearing a particular discussion, please attend the entire meeting. You may speak on a closed session item prior to Council's discussion. To do so, please submit a speaker card to the City Clerk at least 5 minutes prior to the start of closed session. The City values and invites written comments from residents on matters set for Council consideration. In order to provide councilmembers ample time to review all correspondence, please submit any letters or emails to the City Clerk's office before 5:00 p.m. on the Monday prior to the meeting.

OPENING MATTERS – 7:00 P.M.

Call to Order/Roll Call of Councilmembers
Pledge of Allegiance
Approval of Agenda

ANNOUNCEMENTS/INTRODUCTIONS – 7:10 P.M.

PRESENTATIONS – 7:20 P.M.

- Sheriff's Crime Report

ORAL COMMUNICATIONS – PUBLIC COMMENT– 7:35 P.M.

CONSENT ITEMS – 7:40 P.M.

1. Approval of meeting minutes from February 26, 2014.

2. Adoption of Ordinance No. 2014-312, amending Calabasas Municipal Code Section 1.04.010 changing the date of the General Municipal Election to the first Tuesday after the first Monday in November of odd-numbered years.

NEW BUSINESS – 7:45 P.M.

3. Connect with Calabasas Smart Phone App and web application demonstration.

4. Adoption of Resolution No. 2014-1399 of the City Council of the City of Calabasas, initiating proceedings and requesting the Local Agency Formation Commission of Los Angeles County to amend the sphere of influence and to consider approval of a reorganization of the territory to include annexation of properties along West Agoura Road to the City of Calabasas.

5. Recommendation by the Senior Task Force to award the design/build contract for the Calabasas Senior Center to Pankow Builders. **Staff has determined that the project is categorically exempt from environmental review in accordance with Section 15303 (c), (Class 3, New Construction or Conversion of Small Structures) of the CEQA Guidelines.**

6. Discussion and guidance to staff regarding Sunday trolley service.

PUBLIC HEARING – 8:45 P.M.

7. Adoption of Resolution No. 2014-1398, a request to designate the Calabasas Schoolhouse Bell, located at 4029 Las Virgenes Road (AE Wright Middle School) within the Public Facility (PF) zone, as a local historic landmark.

INFORMATIONAL REPORTS – 9:00 P.M.

8. Check Register for the period of February 19-26, 2014.

TASK FORCE REPORTS – 9:05 P.M.

CITY MANAGER'S REPORT– 9:10 P.M.

FUTURE AGENDA ITEMS – 9:15 P.M.

ADJOURN – 9:20 P.M.

The City Council will adjourn in memory of Donald C. Goodrow to the City Council Reorganization meeting scheduled for Wednesday, March 26, 2014, at 7:00 p.m.

MINUTES OF A REGULAR MEETING OF
THE CITY COUNCIL OF THE CITY OF CALABASAS, CALIFORNIA
HELD WEDNESDAY, FEBRUARY 26, 2014

Mayor Gaines called the Closed Session portion of the meeting at 6:35 p.m. in the Council Conference Room, 100 Civic Center Way, Calabasas, California. All members of the City Council were present.

1. CONFERENCE WITH REAL PROPERTY NEGOTIATOR
(Gov. Code § 54956.8)
Property Address: 23577 Calabasas Road, Calabasas, CA 91302
APN Number 2068-002-012
Agency Negotiator: Tony Coroalles, City Manager
Negotiating Parties: Bernard Rosenson, Calabasas Properties
Under Negotiation: □ Price □ Terms of Payment **X** Both

The Council convened to Open Session at 7:01 p.m.

ROLL CALL

Present:	Mayor Gaines, Mayor pro Tem Shapiro, Councilmembers Bozajian, Martin and Maurer.
Absent:	None.
Staff:	Coroalles, Hernandez, Howard, Lysik, and Tamuri.

Mr. Scott reported that during the Closed Session the City Council directed the City Manager to negotiate the acquisition of the property listed above consistent with the conditions outlined by the City Manager.

The Pledge of Allegiance was led by Cub Scout Pack 333.

APPROVAL OF AGENDA

Councilmember Martin moved, seconded by Mayor pro Tem Shapiro to approve the agenda. MOTION CARRIED 5/0 as follows:

AYES: Mayor Gaines, Mayor pro Tem Shapiro and Councilmembers Bozajian, Martin and Maurer.

ANNOUNCEMENTS/INTRODUCTIONS

Members of the Council made the following announcements:

Councilmember Bozajian:
- Expressed appreciation to those who participated in the creek cleanup on February 22.

- An anti-coagulant rodenticides workshop is scheduled on March 13, 6-8 p.m., at Founders Hall.
- The Agoura Hills/Calabasas Community Center's annual Open House with a St. Patrick's Day theme is scheduled on March 15.
- The Savvy Seniors spring luncheon is scheduled on March 20, at the Calabasas Country Club.
- The Arbor Day celebration is scheduled on March 22, 9:30 a.m.-12 p.m., at Gates Canyon Park.

Councilmember Maurer:
- Dr. Seth Riley will be speaking at the anti-coagulant rodenticides workshop.
- The Santa Monica Mountains Conservancy approved funds for a wildlife corridor study.
- Attended the trails management workshop. Online public comments are being accepted on improvements and expansion of the trails system.
- Attended the Mulholland Hwy. project workshop. The robocall was very effective.

Councilmember Martin:
- Reiterated that robocalls are very efficient.

Mayor pro Tem Shapiro:
- Congratulated CHS boys and girls basketball teams. The boys' team has won two games and progressed to the quarter finals against Placentia. The girls' made it up to the CIF playoffs.
- Expressed appreciation to Mr. Jordan for his assistance with information for the National convention of the Resource Conservation Development Councils held in the City.
- Chabad of Calabasas will honor Mayor Fred Gaines and his wife, LVUSD President Jill Gaines on March 9 at the Canyon Club in Agoura Hills.
- Also reiterated the robocall worked great.

Mayor Gaines:
- The Overlook dedication in honor and memory of David Brown will take place on March 1.
- Encouraged the community to support the boys' basketball team should they win the game against Placentia.
- Congratulated Ben Haronian, CHS Marmonte League Wrestling champion.
- Spring concerts for the CHS music program at the Performing Arts Center will be held on March 5-6.
- Extended an invitation to the Chamber's bowling tournament, the Cal Cup, on February 28, at Westlake Bowl. Teams representing the City Council and the School Board will participate.

- The Chamber's Government Affairs Committee meeting is scheduled for March 3.
- The grand opening of Citibank is scheduled on March 6.

PRESENTATIONS

- Background and activities of LASD Malibu Search and Rescue

Captain David J. Katz, Search/Rescue, PIO & LACO Fire Department Liaison, Malibu Search and Rescue Team provided an overview of the program.

The Council expressed appreciation to Captain Katz for the excellent work the team does .

- Update on California's drought and local impacts

Mr. Jeff Reinhardt, Public Affairs & Communications Manager, Las Virgenes Municipal Water District presented an update on the drought. Mr. Reinhardt introduced District President, Charles Caspary to make a few comments.

The Council expressed appreciation to District representatives.

ORAL COMMUNICATIONS – PUBLIC COMMENT

None.

CONSENT ITEMS

1. Approval of meeting minutes from February 12, 2014.

2. Adoption of Ordinance No. 2014-311, amending Title 17 of the Calabasas Municipal Code to permit fortunetelling as a commercial use in the Commercial Retail (CR) zoning district, as necessary to comply with Federal law**. Staff has determined that the project is categorically exempt from environmental review in accordance with Section 15061(b)(3) of the CEQA Guidelines.**

Councilmember Bozajian moved, seconded by Councilmember Maurer to approve Consent Item Nos. 1 and 2. MOTION CARRIED 5/0 as follows:

AYES: Mayor Gaines, Mayor pro Tem Shapiro and Councilmembers Bozajian, Martin and Maurer.

NEW BUSINESS

3. Chief Financial Officer's presentation regarding State Controller's report.

Dr. Lysik provided an overview of the State Controller's report and introduced the new Opengov site.

4. Review, discuss and consider introduction of Ordinance 2014-312, amending Calabasas Municipal Code Section 1.04.010, changing the date of the General Municipal Election to the first Tuesday after the first Monday in November of odd-numbered years.

City Clerk Hernandez provided information regarding this item.

Stephanie Williams and Alicia Weintraub spoke on this item.

Extensive discussion took place.

Councilmember Maurer moved, seconded by Mayor pro tem Shapiro to approve the introduction of Ordinance 2014-312, amending Calabasas Municipal Code Section 1.04.010, changing the date of the General Municipal Election to the first Tuesday after the first Monday in November of odd-numbered years. MOTION CARRIED 5/0 as follows:

AYES: Mayor Gaines, Mayor pro Tem Shapiro and Councilmembers Bozajian, Martin and Maurer.

INFORMATIONAL REPORTS

5. Check Register for the period of February 5-12, 2014.

No action was taken on this item.

TASK FORCE REPORTS

Councilmember Martin reported on her attendance to the last COG meeting:

- Alta Planning was hired to work on the Bicycle Master Plan from a grant in the amount of $185,000.
- The Board of Supervisors did not move forward the storm drain report. It will be presented again next April or May.
- All projects for Measure R funding were approved. The Park & Ride project the City is looking into will be scheduled for approval next month.
- The MTA Board approved $500,000 in funding to develop a mobility matrix to address sub-regional mobility infrastructure.

- The COG heard a presentation regarding the dangers of rodenticides. Other cities are looking at adopting resolutions.
- The COG also heard a presentation from the Water District regarding the drought.

Councilmember Maurer reiterated her report on the Santa Monica Mountains Conservancy wildlife corridor study.

CITY MANAGER'S REPORT

Mr. Coroalles reported that Mr. Rubin and he met with Bridget Karl regarding the Pumpkin Festival.

FUTURE AGENDA ITEMS

Mayor Gaines requested an amendment to the second-hand smoke ordinance to include e-cigarettes be brought forward as soon as possible.

ADJOURN

The meeting adjourned at 9:03 p.m. in memory of Phyllis Power to the next regular meeting scheduled on Wednesday, March 12, 2014, at 7:00 p.m.

_____

Maricela Hernandez, MMC
City Clerk

Approved by City Manager:

CITY of CALABASAS

CITY COUNCIL AGENDA REPORT

DATE: FEBRUARY 28, 2014

TO: HONORABLE MAYOR AND COUNCILMEMBERS

FROM: SCOTT H. HOWARD, CITY ATTORNEY
MARICELA HERNANDEZ, MMC, CITY CLERK

SUBJECT: ADOPTION OF ORDINANCE 2014-312, AMENDING CALABASAS MUNICIPAL CODE SECTION 1.04.010, CHANGING THE DATE OF THE GENERAL MUNICIPAL ELECTION TO THE FIRST TUESDAY AFTER THE FIRST MONDAY IN NOVEMBER OF ODD-NUMBERED YEARS.

MEETING DATE: MARCH 12, 2014

SUMMARY RECOMMENDATION:

Ordinance No. 2014-312 was introduced at the February 26, 2014, Council meeting.

BACKGROUND:

Ordinance No. 2014-312, changes the City's election to the first Tuesday after the first Monday in November of odd-numbered years. This Ordinance becomes official after approval from the Los Angeles County Board of Supervisors.

Once approved, the City Clerk will cause a notice to be mailed to all registered voters informing the voters of the change in election date. The notice will also inform the voters that as a result of the change in election date, the terms of elected City officials currently in office will be extended.

RECOMMENDATION:

That the City Council adopt Ordinance No. 2014-312, amending Calabasas Municipal Code Section 1.04.010 changing the date of the City's General Municipal Election to the first Tuesday after the first Monday in November of odd-numbered years.

ATTACHMENTS:

Ordinance No. 2014-312.

ORDINANCE NO. 2014-312

AN ORDINANCE OF THE CITY COUNCIL OF THE OF CITY OF CALABASAS, CALIFORNIA AMENDING CALABASAS MUNICIPAL CODE SECTION 1.04.010 CHANGING THE DATE OF THE GENERAL MUNICIPAL ELECTION TO THE FIRST TUESDAY AFTER THE FIRST MONDAY IN NOVEMBER OF ODD-NUMBERED YEARS.

WHEREAS, the City of Calabasas currently conducts a general municipal election on the first Tuesday after the first Monday in March of odd-numbered years; and

WHEREAS, the local school district conducts elections on the first Tuesday after the first Monday in November of each odd-numbered year pursuant to Elections Code section 1302; and

WHEREAS, Elections Code section 1301(b) authorizes the City to conduct, subject to approval by the Board of Supervisors, the general municipal election on the same day as the school district election; and

WHEREAS, Pursuant to Elections Code section 1000(d) the city has the option to hold its general municipal election on the first Tuesday after the first Monday in November of odd numbered years; and

WHEREAS, the City desires to change its general municipal election date to coincide with the school district election in an effort to increase voter participation in local elections.

NOW THEREFORE, the City Council of the City of Calabasas, California, does hereby ordain as follows:

SECTION 1. Section 1.04.010 of the Calabasas Municipal Code is hereby amended to read as follows:

1.04.010 ELECTION DATE.

General municipal elections shall be conducted on the first Tuesday after the first Monday in November of odd-numbered years.

SECTION II. SEVERABILITY. If any section, subsection, subdivision, paragraph, sentence, clause or phrase of this Ordinance, or its application to any person or circumstance, is for any reason held to be invalid or unenforceable, such invalidity or unenforceability shall not affect the validity or enforceability of the remaining

sections, subsections, subdivisions, paragraphs, sentences, clauses or phrases of this Ordinance, or its application to any other person or circumstance. The City Council of the City of Calabasas hereby declares that it would have adopted each section, subsection, subdivision, paragraph, sentence, clause or phrase hereof, irrespective of the fact that any one or more other sections, subsections, subdivisions, paragraphs, sentences, clauses or phrases hereof be declared invalid or unenforceable.

SECTION III. EFFECTIVE DATE. This ordinance shall take effect only after both thirty days have elapsed after its adoption and upon approval by the Los Angeles County Board of Supervisors.

SECTION IV. CERTIFICATION. The City Clerk shall certify to the passage and adoption of this ordinance and shall cause the same to be published or posted according to law and transmitted to the Board of Supervisors for consideration.

PASSED, APPROVED AND ADOPTED, this 12th day of March 2014.

_____
Fred Gaines, Mayor

ATTEST:

_____
Maricela Hernandez, MMC
City Clerk

APPROVED AS TO FORM:

_____
Scott H. Howard, City Attorney

Approved by City Manager:

CITY of CALABASAS

CITY COUNCIL AGENDA REPORT

DATE: MARCH 3, 2014

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: DEBORAH STELLER, MEDIA OPERATIONS DIRECTOR

SUBJECT: CONNECT WITH CALABASAS SMART PHONE APP AND WEB APPLICATION DEMONSTRATION.

MEETING DATE: MARCH 12, 2014

SUMMARY:

Media staff will give the City Council and community a demonstration of the new Connect with Calabasas smart phone app and web application. The app can be downloaded from the iTunes store or Google App store by searching for Connect with Calabasas or just Calabasas. Information and a link to the web interface can be found on the City website at www.cityofcalabasas.com .

BACKGROUND:

The Connect with Calabasas smart phone app and web application officially launched on January 15, 2014 at Mayor Fred Gaines' State of the City Address. Connect with Calabasas is designed to give residents and businesses a way to communicate issues or questions easily to City staff and provide City staff a streamlined method for receiving, processing and tracking requests. The app is also a good source for City news and information.

In 2012 a study was done by the Municipal Information Systems Association of California (MISAC) showing that 93% of Californians have mobile devices. That percentage is potentially higher in Calabasas where the community is well educated and technically savvy, there is a high median income and the City is home to many leading digital companies. In 2012 the Communications and Technology Commission recommended that the City develop an app to serve the need for

mobile services in the City. Staff sent out a request for proposals and selected Public Stuff to develop the Calabasas app and web interface. Public Stuff has also developed apps for many other cities such as New York, Palo Alto and Oceanside.

The app is fully customizable and media staff has worked with other departments to develop a system that meets the needs of Calabasas. Several City departments were using different request programs to receive and track requests from the public. Connect with Calabasas will replace all of those programs and provide one outlet for receiving, responding to and tracking issues.

Within the mobile app, users need to register to submit a request. They can select from a menu of issues or create a new category. The system will allow users to submit a description, use their location through GPS or enter a new address and add a photo. If they select a preset issue (e.g. graffiti) then their request will be sent via email directly to the staff member responsible for that issue, as well as his or her supervisor and public information staff. Users will be notified as their issue is dealt with and resolved. Issues can be marked private or public. If an issue is marked public, then other users can see if issues, such as graffiti or a pot hole, have already been submitted and where the issue is as it is resolved.

Along with the ability to submit a request, the mobile app has a series of custom widgets which link to information on Calabasas, current events, City programs and issues. These are updated by Media staff working with other departments on current needs.

The web interface works in a similar manner to the mobile app and users are able to submit requests online and track the progress of their requests. When issues are received via phone at City hall, staff will enter those requests into the Connect with Calabasas system so they can be routed to and tracked by appropriate staff members and departments. There are also very useful map interfaces that allow both residents and administrators to track requests and issues.

Now that they system is up and running and staff has migrated away from previous request programs, Media staff will market the system through CTV, the website, eNews, the City newsletter and banners.

REQUESTED ACTION:

This is an informational item only and requires no action at this time.

FISCAL IMPACT:

None.

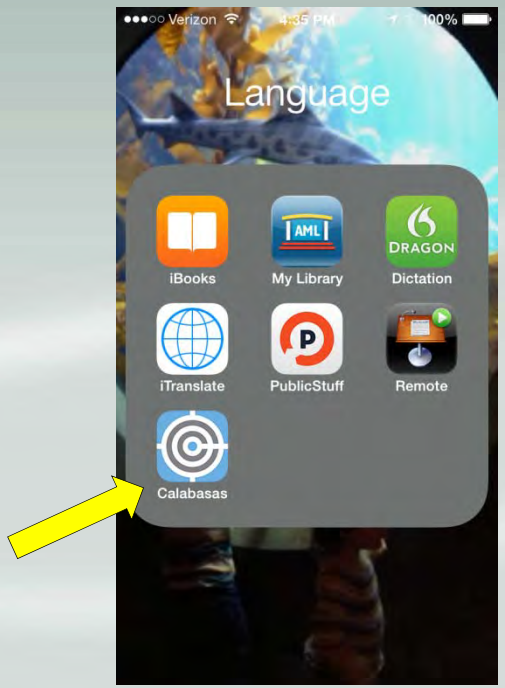
Item 3 Attachment

CITY of CALABASAS

Connect with Calabasas
Mobile App/Web Interface
Demonstration
March 12, 2014

Three Solutions for Citizen Requests:

1) Mobile Solution
2) Web Portal for Citizen Engagement
3) Internal Staff Solution



Calabasas

CONNECT WITH CITY SERVICES & NEWS 24/7

CALABASAS CITY APP

NOW AVAILABLE

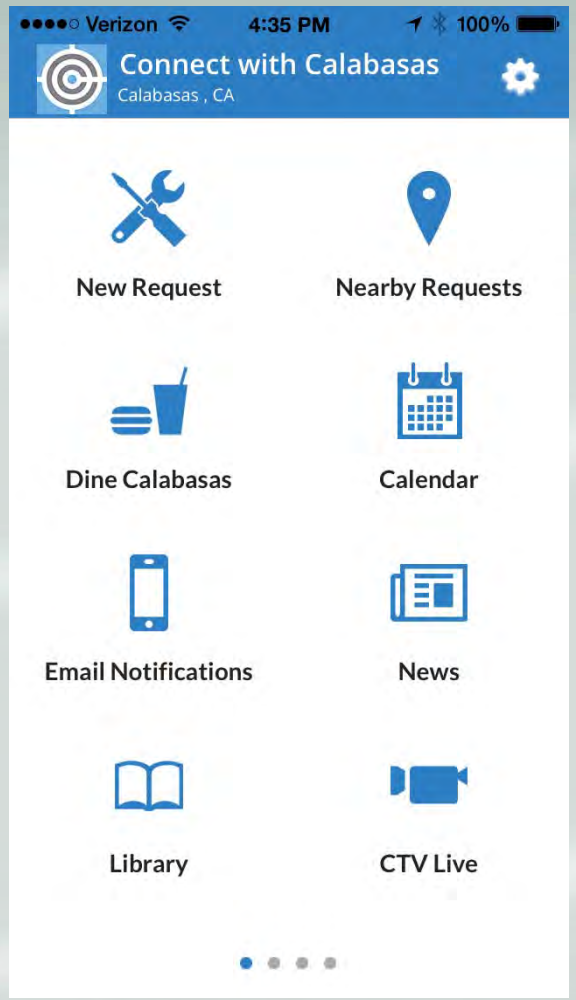
CITY of CALABASAS

Three Solutions for Citizen Requests:

1)Mobile Solution

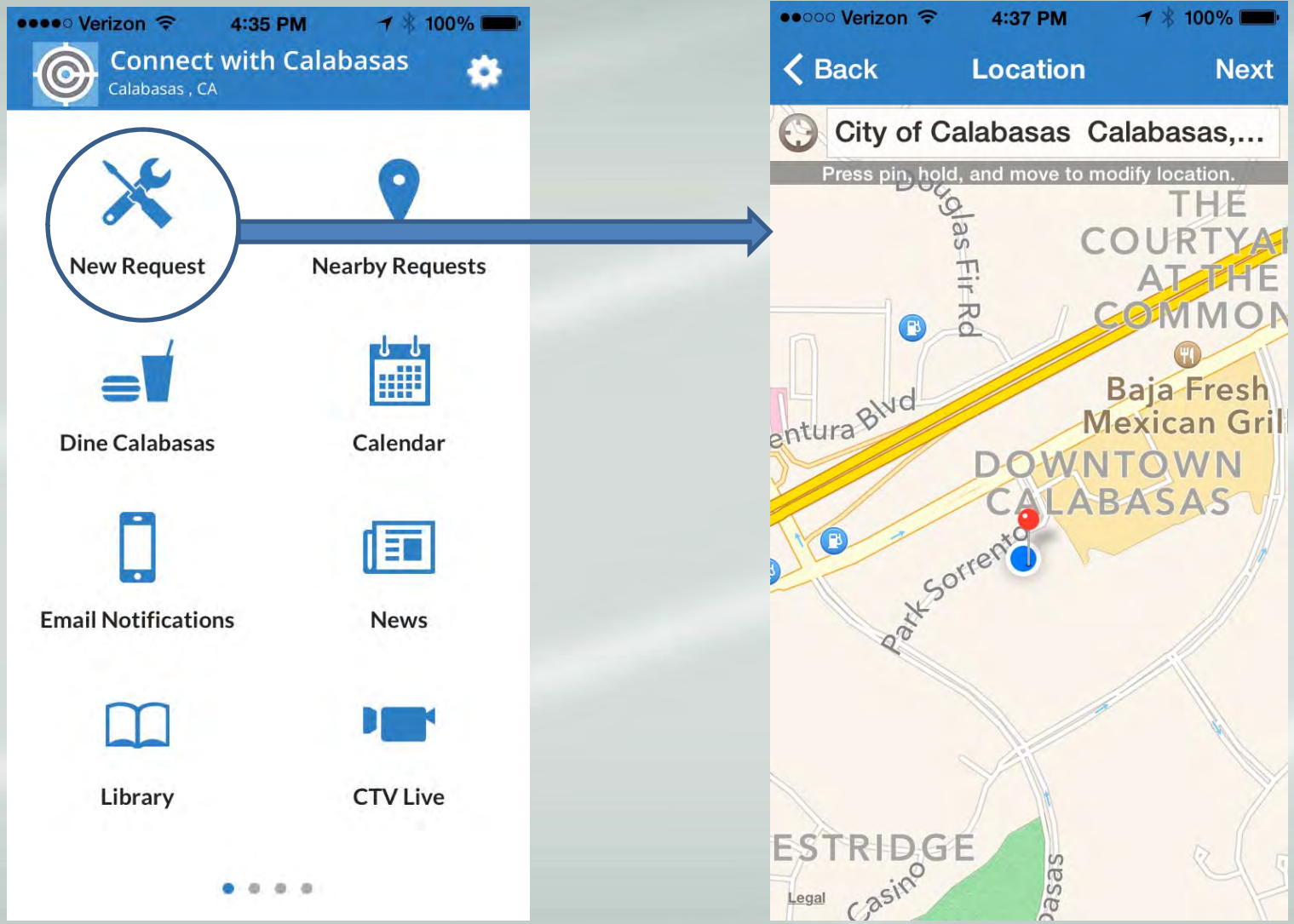
2)Web Portal for Citizen Engagement

3)Internal Staff Solution



Home Screen

Customizable Widgets
Upload Immediately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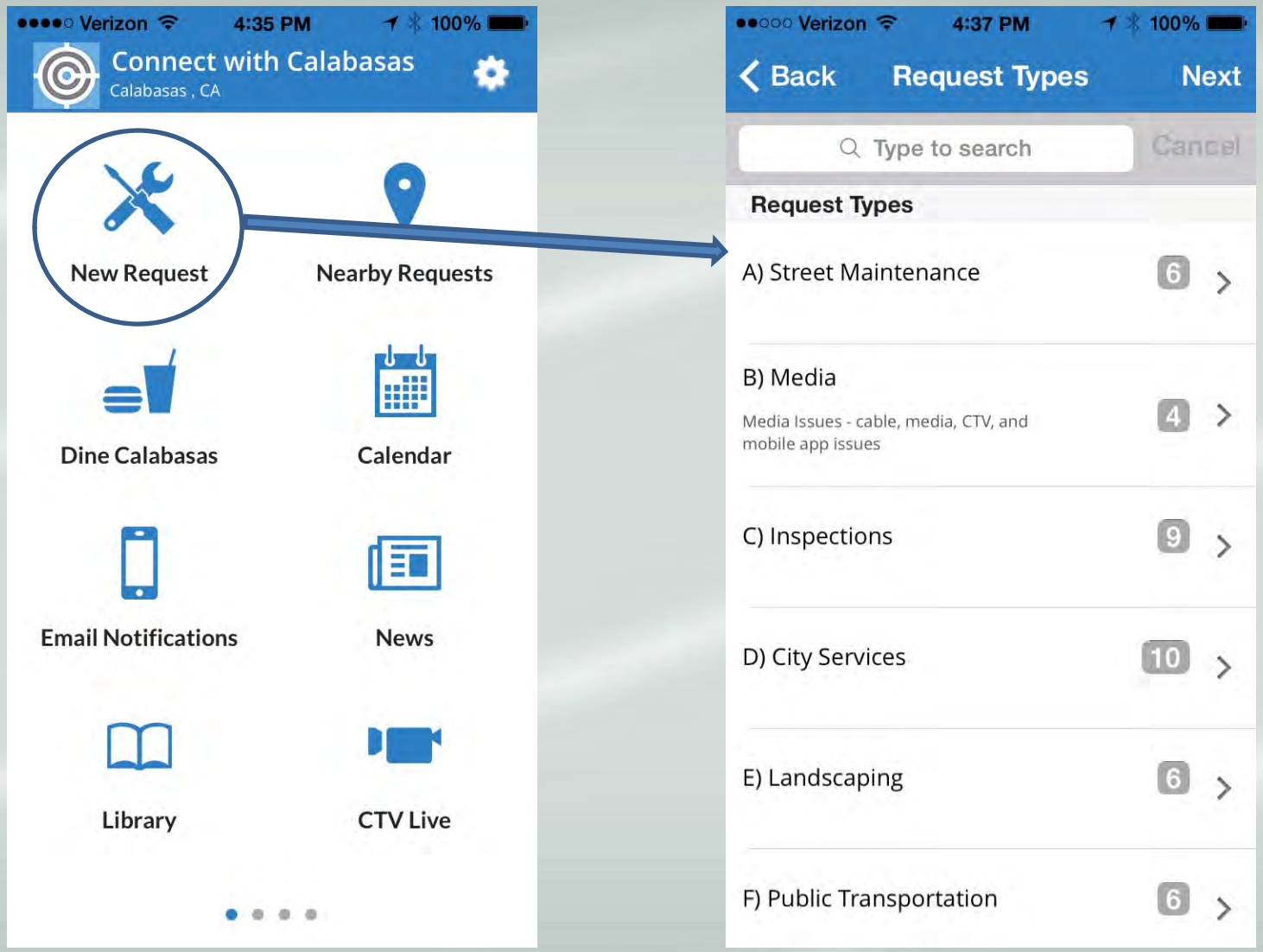
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B) Media
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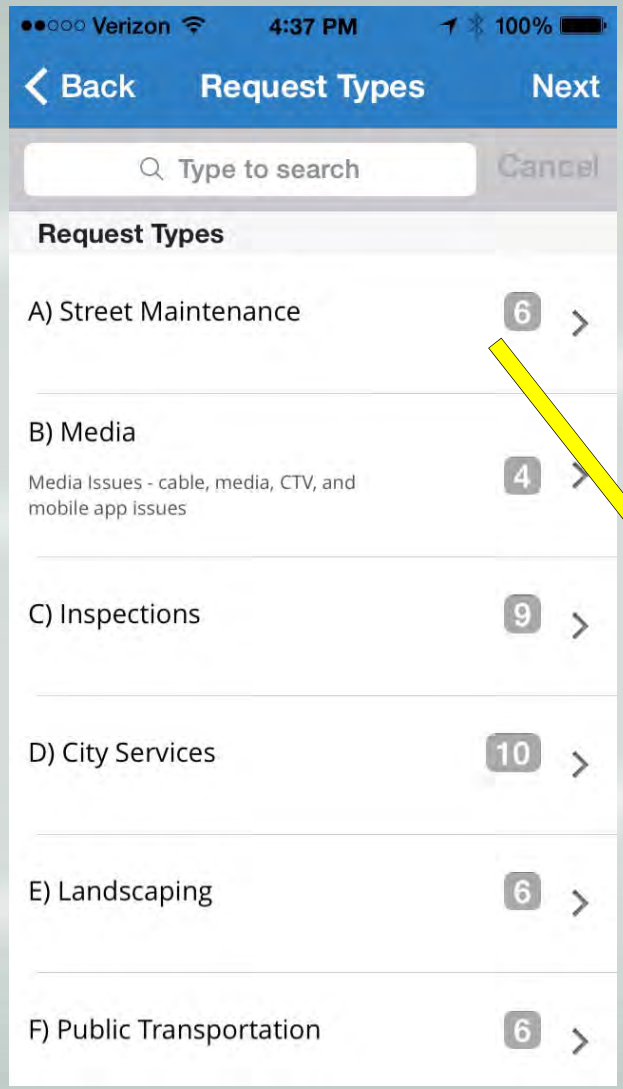
C) Inspections 9
D) City Services 10
E) Landscaping 6
F) Public Transportation 6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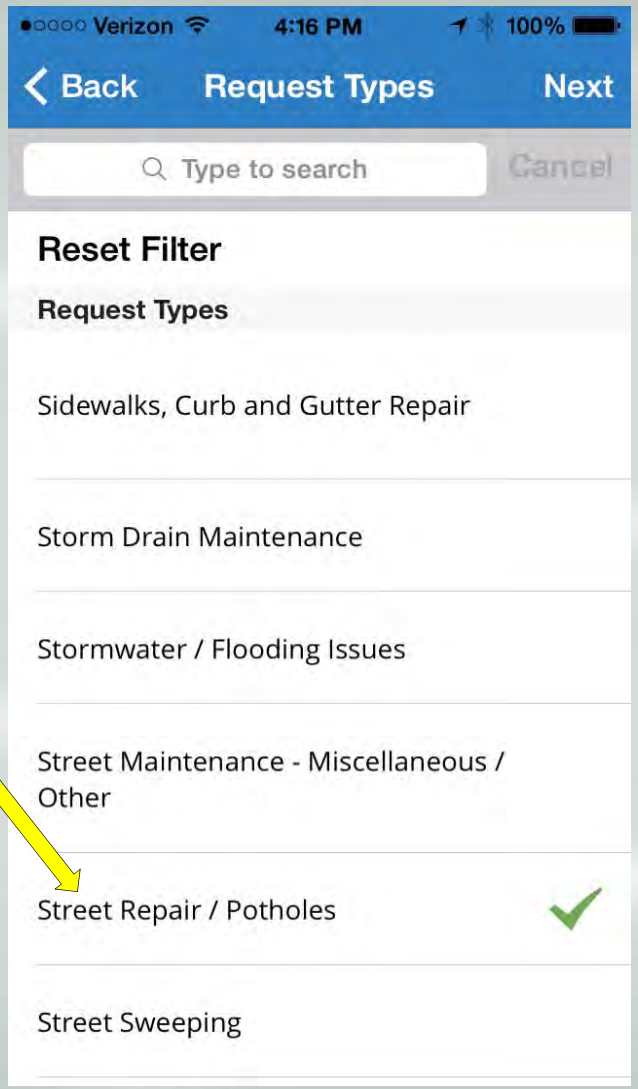
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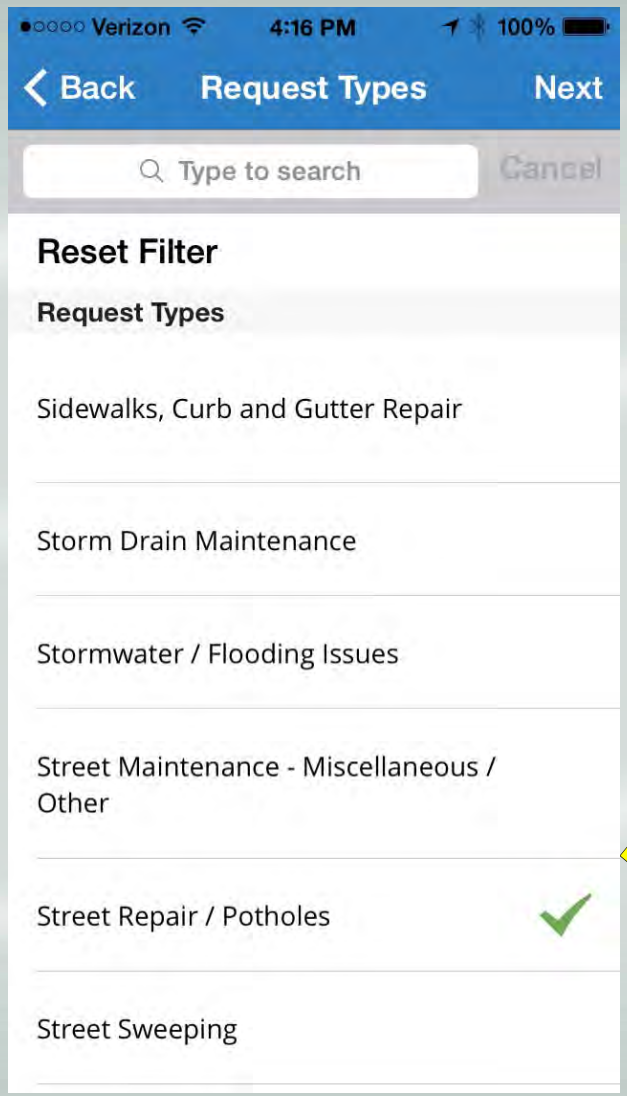
Sidewalks, Curb and Gutter Repair
Storm Drain Maintenance
Stormwater / Flooding Issues
Street Maintenance - Miscellaneous / Other
Street Repair / Potholes
Street Sweeping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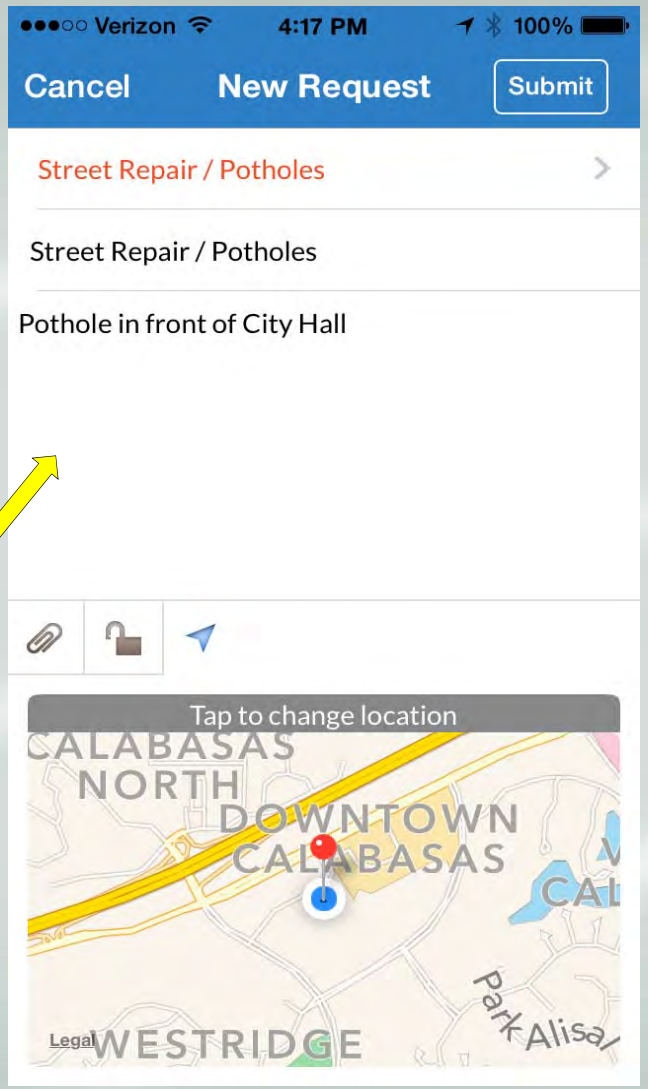
Street Repair / Potholes
Street Sweeping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Pothole in front of City Hall
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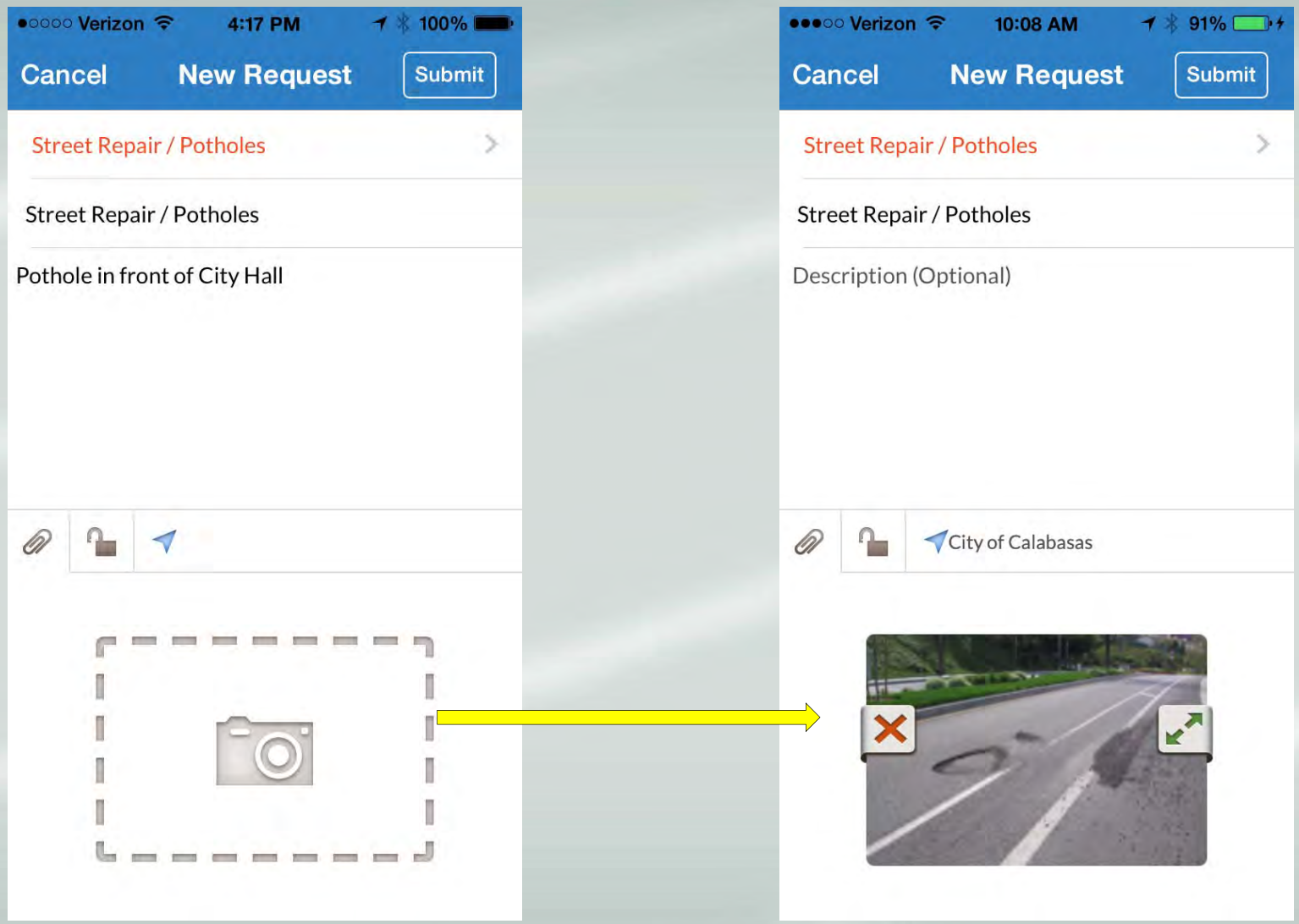
NORTH
DOWNTOWN
CALABASAS
WESTRIDGE
Legal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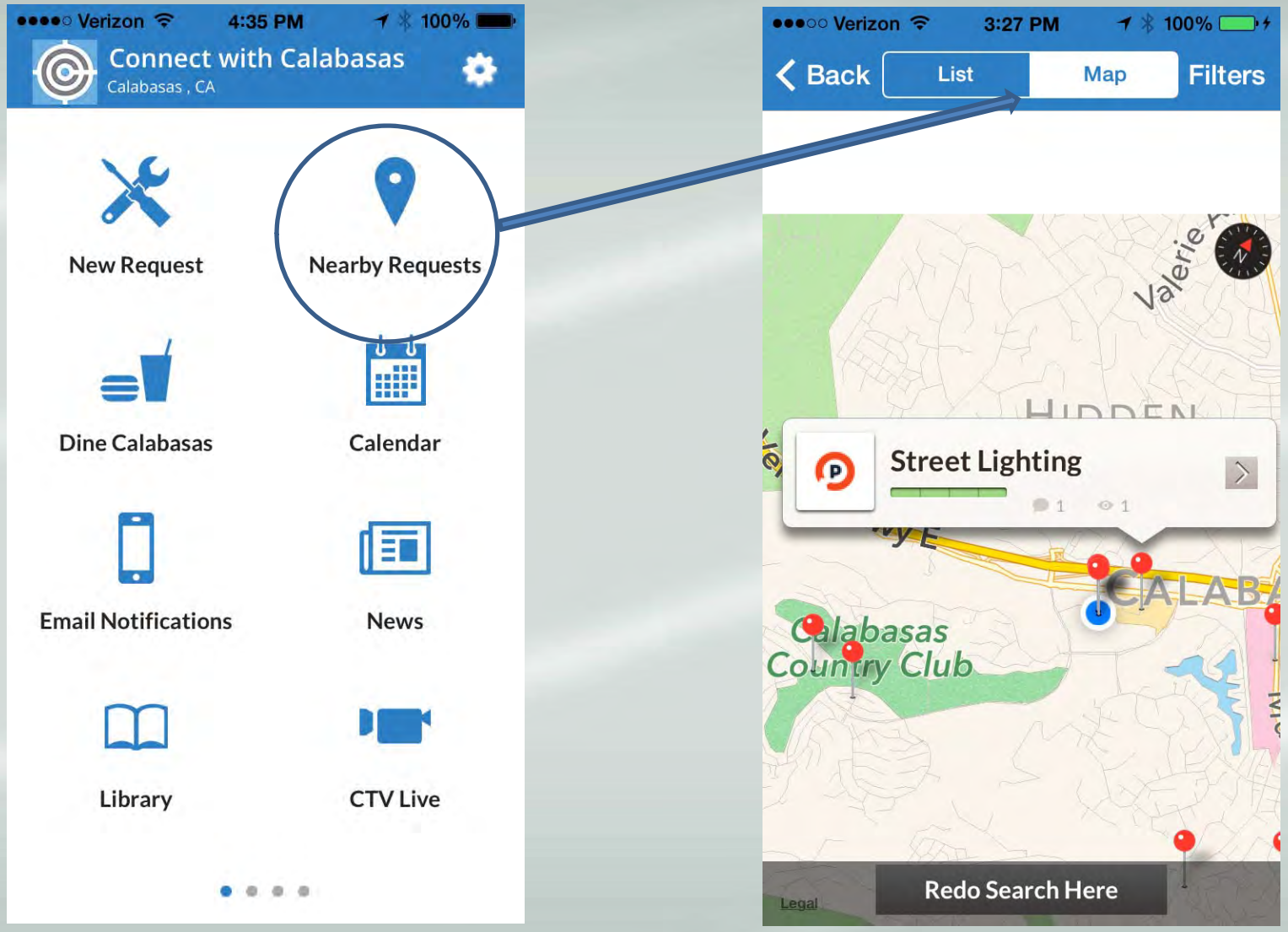
Description (Optional)
City of Calabasas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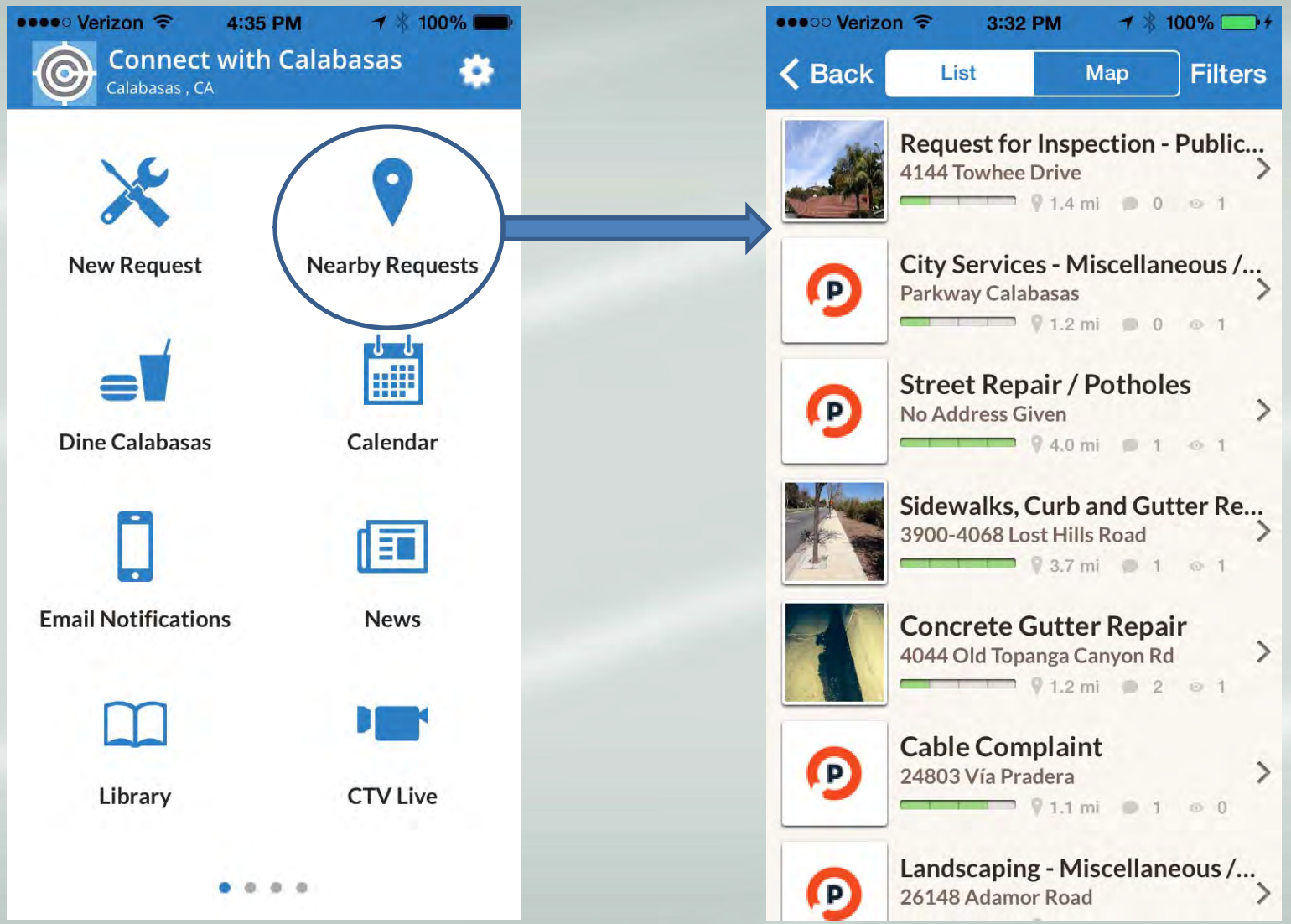
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Request for Inspection - Public...
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City Services - Miscellaneous /...
Parkway Calabasas
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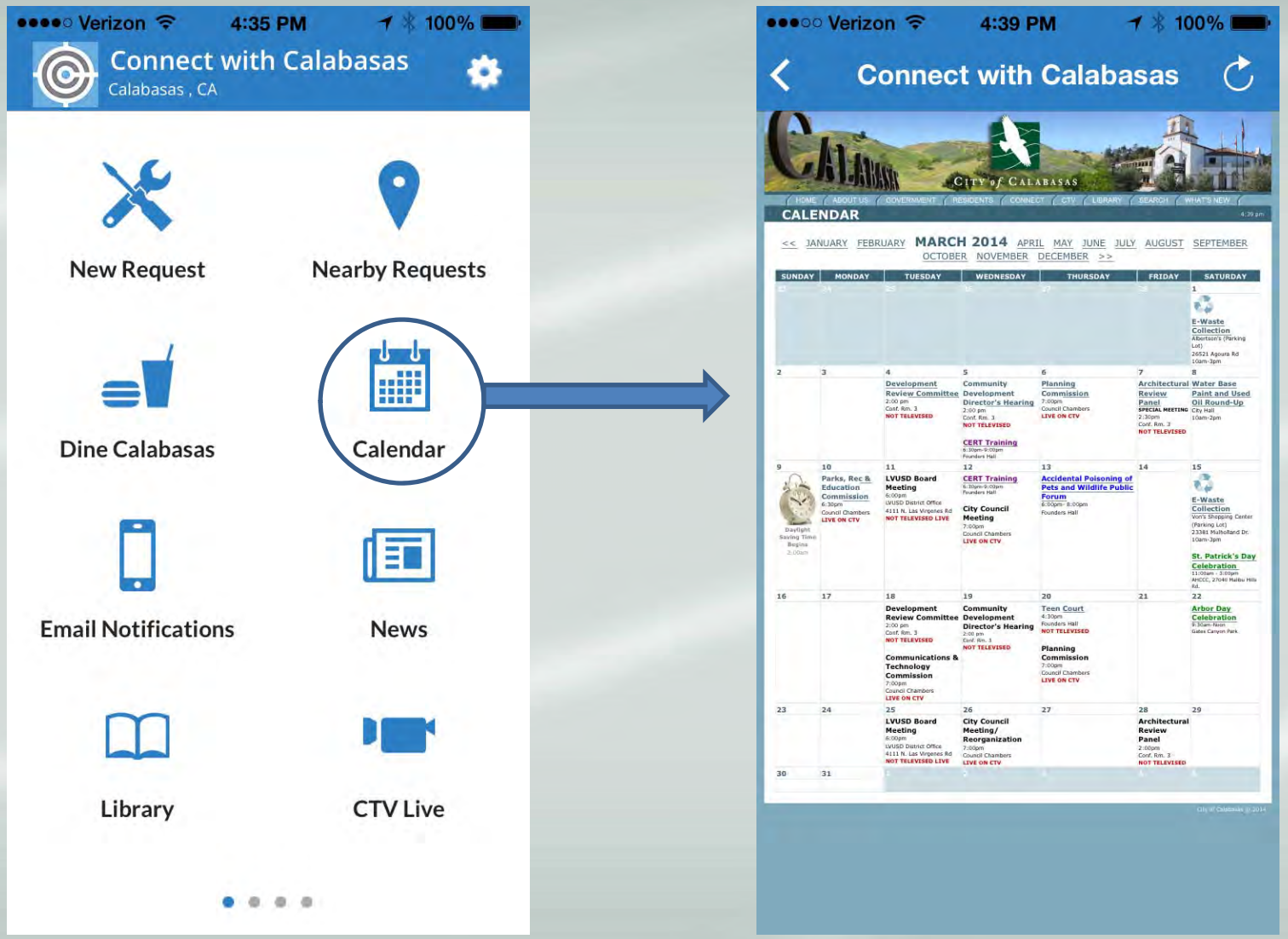
Street Repair / Potholes
No Address Given
4.0 mi 1 1
Sidewalks, Curb and Gutter Re...
3900-4068 Lost Hills Road
3.7 mi 1 1
Concrete Gutter Repair
4044 Old Topanga Canyon Rd
1.2 mi 2 1
Cable Complaint
24803 Vía Pradera
1.1 mi 1 0
Landscaping - Miscellaneous /...
26148 Adamor Road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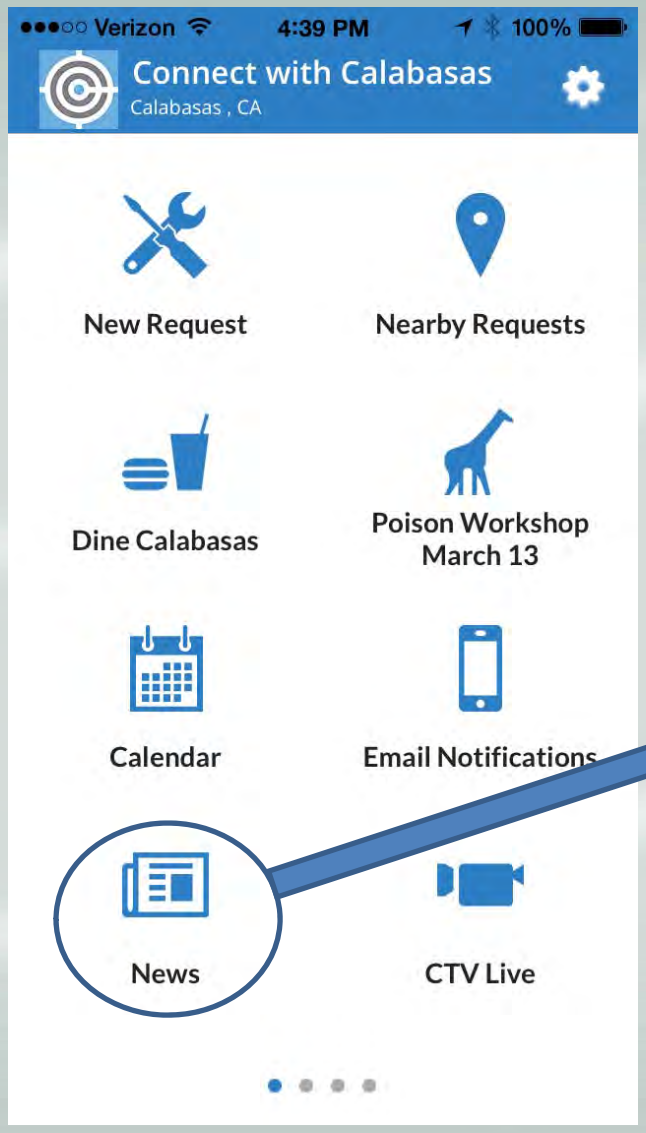
Connect with Calabasas
City of Calabasas
HOME ABOUT US GOVERNMENT RESIDENTS CONNECT CTV LIBRARY SEARCH WHAT'S NEW
CALENDAR
<< JANUARY FEBRUARY MARCH 2014 APRIL MAY JUNE JULY AUGUST SEPTEMBER
OCTOBER NOVEMBER DECEMBER >>
SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY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Connect with Calabasas
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New Request
Nearby Requests
Dine Calabasas
Poison Workshop
March 13
Calendar
Email Notifications
News
CTV Live


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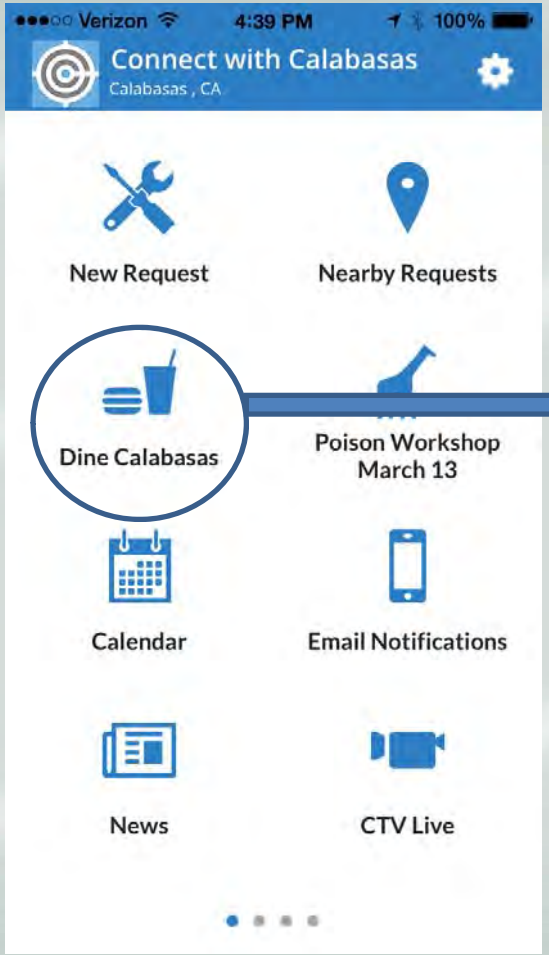
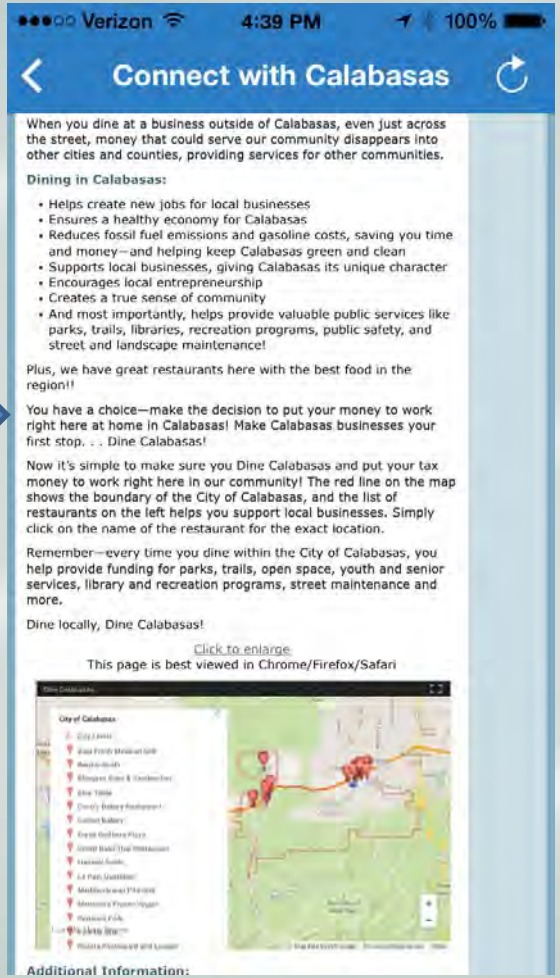
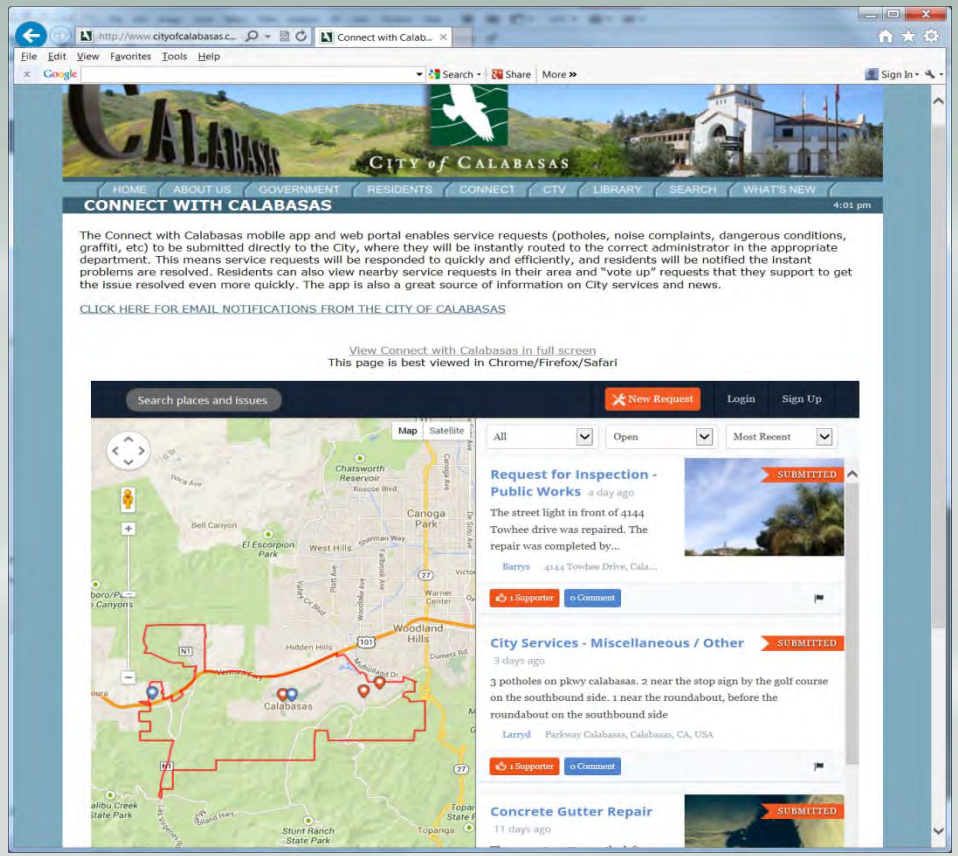
Connect with Calabasas
HOME
Welcome to the City of Calabasas, the gateway to the Santa Monica Mountains National Recreation Area in northern Los Angeles County. This website will help you navigate the many services offered by our City.
NEWS, EVENTS & INFORMATION
Water Base Paint and Used Oil Round-Up
March 8, 10:00am - 2:00pm
City Hall
Mureau Road Pipeline Project
Road closure beginning January 21
Water Conservation Measures
Now in Effect
CONNECT with CALABASAS
Connect with Calabasas Mobile App
The Buzz, Calabasas Events Week of March 3rd (a...
YouTube
Nathan Nutter
Personal Trainer
Nicole Henry
Personal Trainer
Colin Donohoo
Movement Specialist
Watch this week's edition of THE BUZZ with updates on activities
and events going on in Calabasas this week


Verizon
4:39 PM
100%
Connect with Calabasas
Calabasas , CA
New Request
Nearby Requests
Dine Calabasas
Poison Workshop
March 13
Calendar
Email Notifications
News
CTV Live


Verizon
4:39 PM
100%
Connect with Calabasas
When you dine at a business outside of Calabasas, even just across the street, money that could serve our community disappears into other cities and counties, providing services for other communities.
Dining in Calabasas:
• Helps create new jobs for local businesses
• Ensures a healthy economy for Calabasas
• Reduces fossil fuel emissions and gasoline costs, saving you time and money—and helping keep Calabasas green and clean
• Supports local businesses, giving Calabasas its unique character
• Encourages local entrepreneurship
• Creates a true sense of community
• And most importantly, helps provide valuable public services like parks, trails, libraries, recreation programs, public safety, and street and landscape maintenance!
Plus, we have great restaurants here with the best food in the region!!
You have a choice—make the decision to put your money to work right here at home in Calabasas! Make Calabasas businesses your first stop. . . Dine Calabasas!
Now it's simple to make sure you Dine Calabasas and put your tax money to work right here in our community! The red line on the map shows the boundary of the City of Calabasas, and the list of restaurants on the left helps you support local businesses. Simply click on the name of the restaurant for the exact location.
Remember—every time you dine within the City of Calabasas, you help provide funding for parks, trails, open space, youth and senior services, library and recreation programs, street maintenance and more.
Dine locally, Dine Calabasas!
Click to enlarge
This page is best viewed in Chrome/Firefox/Safari
Additional Information:

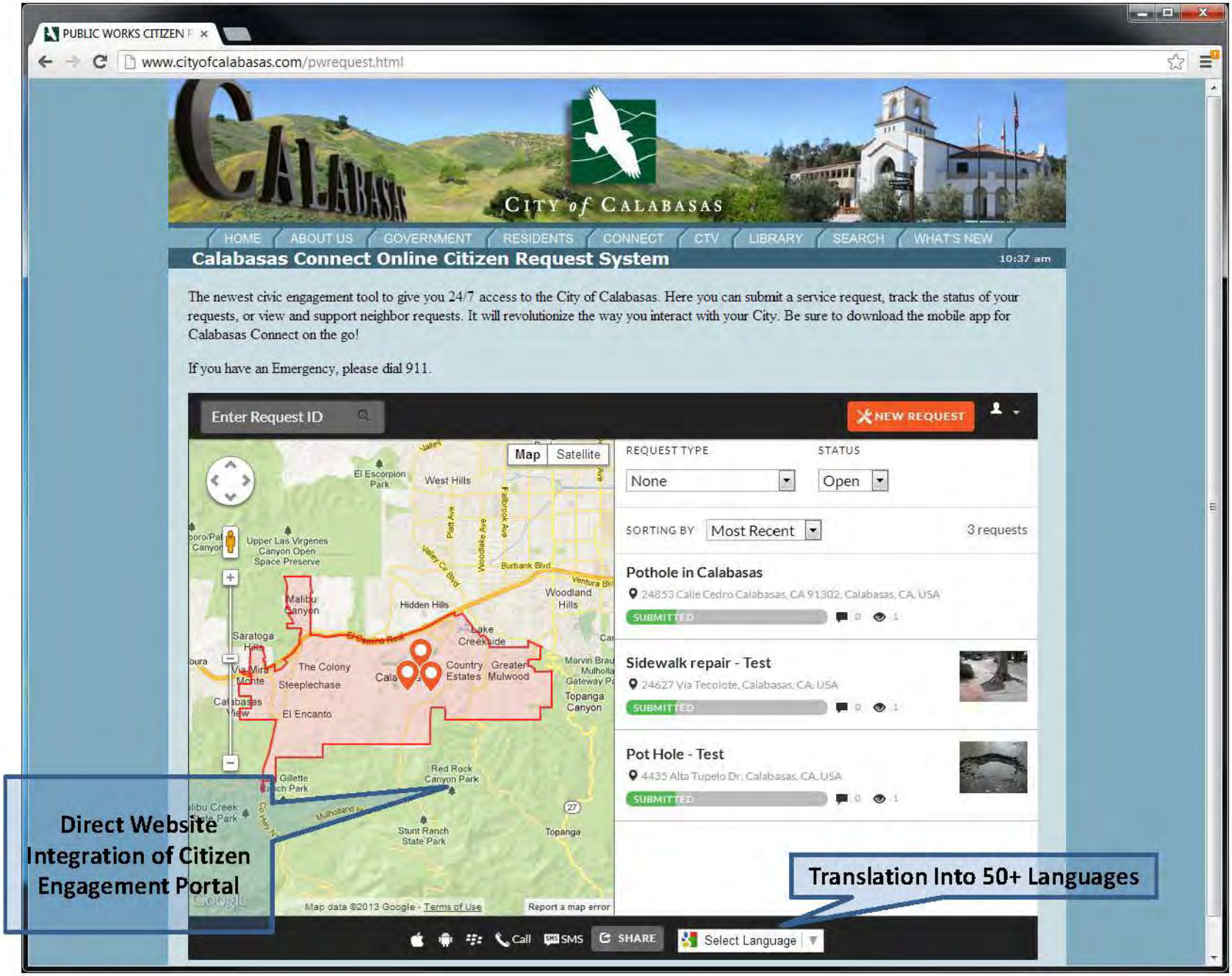


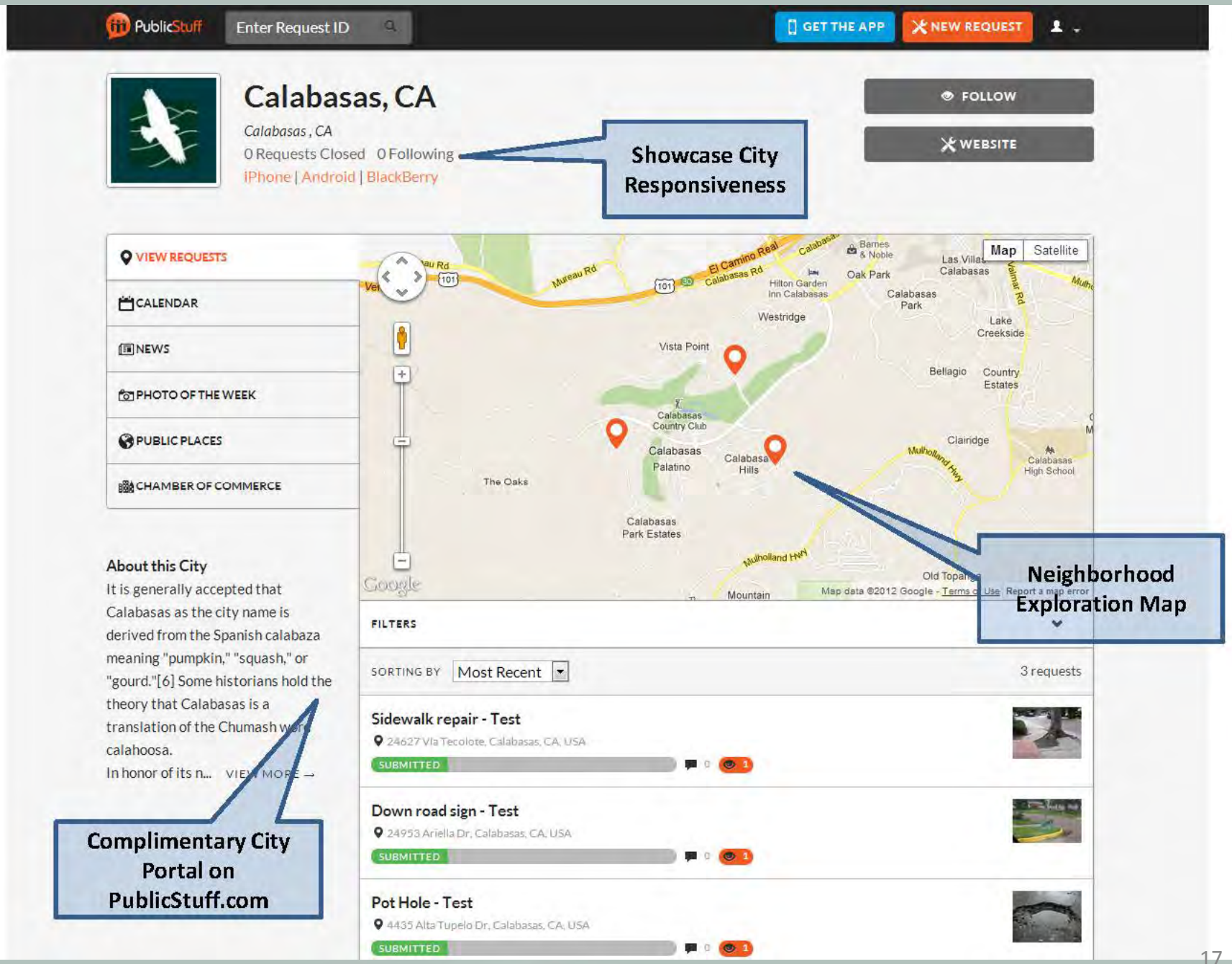
Three Solutions for Citizen Requests:

1)Mobile Solution

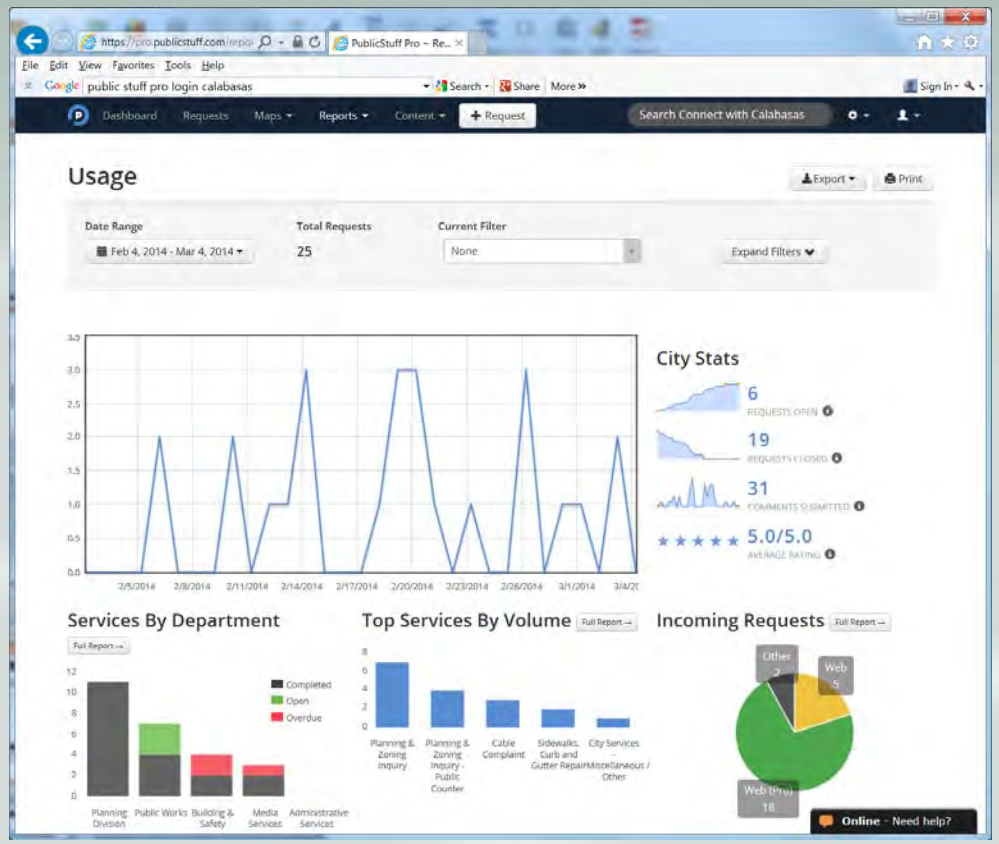
2)Web Portal for Citizen Engagement

3)Internal Staff Solution


PUBLIC WORKS CITIZEN
www.cityofcalabasas.com/pwrequest.html
CITY of CALABASAS
HOME
ABOUT US
GOVERNMENT
RESIDENTS
CONNECT
CTV
LIBRARY
SEARCH
WHAT'S NEW
Calabasas Connect Online Citizen Request System
10:37 am
The newest civic engagement tool to give you 24/7 access to the City of Calabasas. Here you can submit a service request, track the status of your requests, or view and support neighbor requests. It will revolutionize the way you interact with your City. Be sure to download the mobile app for Calabasas Connect on the go!
If you have an Emergency, please dial 911.
Enter Request ID
NEW REQUEST
Map
Satellite
REQUEST TYPE
None
STATUS
Open
SORTING BY
Most Recent
3 requests
Pothole in Calabasas
24853 Calle Cedro Calabasas, CA 91302, Calabasas, CA, USA
SUBMITTED
Sidewalk repair - Test
24627 Via Tecolote, Calabasas, CA, USA
SUBMITTED
Pot Hole - Test
4435 Alta Tupelo Dr, Calabasas, CA, USA
SUBMITTED
Map data ©2013 Google - Terms of Use
Report a map error
Call
SMS
SHARE
Select Language
Direct Website Integration of Citizen Engagement Portal
Translation Into 50+ Languages


PublicStuff
Enter Request ID
GET THE APP
NEW REQUEST
Calabasas, CA
Calabasas , CA
0 Requests Closed 0 Following
iPhone | Android | BlackBerry
FOLLOW
WEBSITE
Showcase City Responsiveness
VIEW REQUESTS
CALENDAR
NEWS
PHOTO OF THE WEEK
PUBLIC PLACES
CHAMBER OF COMMERCE
Map
Satellite
Neighborhood Exploration Map
About this City
It is generally accepted that Calabasas as the city name is derived from the Spanish calabaza meaning "pumpkin," "squash," or "gourd."[6] Some historians hold the theory that Calabasas is a translation of the Chumash word calahoosa.
In honor of its n... VIEW MORE →
Complimentary City Portal on PublicStuff.com
FILTERS
SORTING BY Most Recent
3 requests
Sidewalk repair - Test
24627 Via Tecolote, Calabasas, CA, USA
SUBMITTED
Down road sign - Test
24953 Ariella Dr, Calabasas, CA, USA
SUBMITTED
Pot Hole - Test
4435 Alta Tupelo Dr, Calabasas, CA, USA
SUBMITTED


PublicStuff ~ Uneven side
www.publicstuff.com/ca/redwood-city/dangerous-condition/uneven-sidewalk-50421
PublicStuff
Enter Request ID
GET THE APP
NEW REQUEST
SUBMITTED on 03/23/2012
ACCEPTED on 04/10/2012
IN PROGRESS on 04/10/2012
CLOSED on 04/10/2012
Redwood City, CA › Dangerous Condition › ID: 50421
Uneven sidewalk
rnarahara
March 23, 2012
Social Media Integration
Send
Tweet
Share
1 FOLLOWING
1 SUPPORTING
Flag as Inappropriate
Tripping hazard on hopkins and hudson
Detailed Request Information
4 COMMENTS
City of Redwood City cdrechsler on April 10, 2012
3/25/12 - visited site with sidewalk contractor; sche
City of Redwood City cdrechsler on Ap
12年3月27日。
3/27/12- contractor rem
level again. Pictu
工，安装橡胶人行道。工作完成。人行道。成品图片将被张贴
rnarahara 上2012年4月10日
谢谢你雷德伍德城！我的正常的沟走的路线是沿人行道缺陷。我将不再担心绊倒特别是当
它是黑暗的！亲切的问候，先生橺原
rnarahara 上2012年4月10日
我的狗凯尔想说的话太感谢你！亲切的问候，先生橺原
Centralized Two-way Follow-up Communication
Map
Satellite
San Mateo County Sheriff's Office
Marshall S
Lathrop House
San Mateo County History Museum
Courthouse Square
Broad
Fox Theatre
Cinemark Redwood Downtown 20 and XD
SamTrans bus stop
Google
2300年至2398年百老汇街红木城，CA 94063 USA
Translation of Static and Dynamic User-Generated Content into More Than 50 Languages
ID
优先
部门
加利福尼亚州红木城。
完成的请求的68%
社区中的超过75,000人，中心的高新技术产业，美丽的旧金山半岛的中点，红木城而闻名的大气候和深刻的

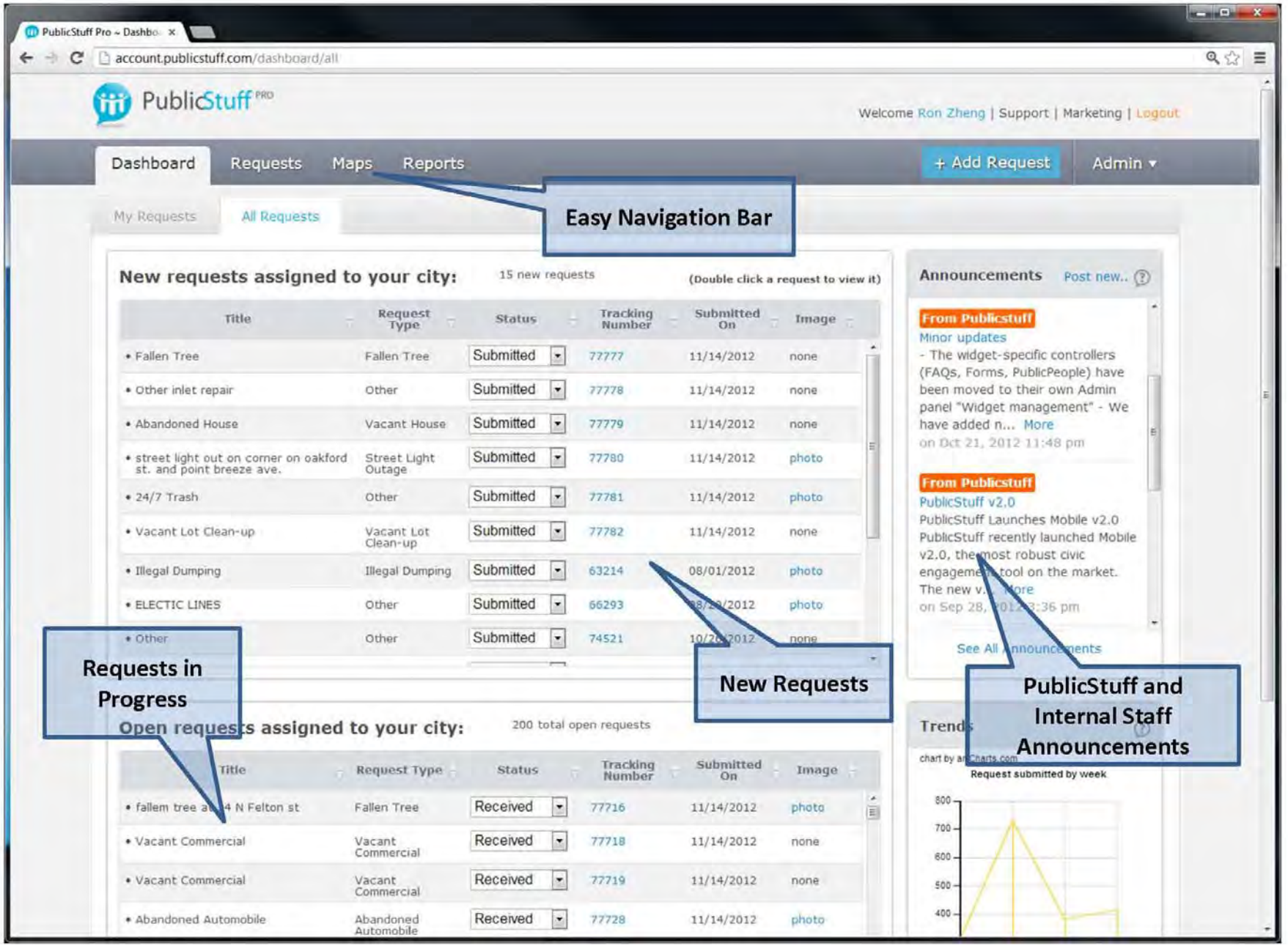


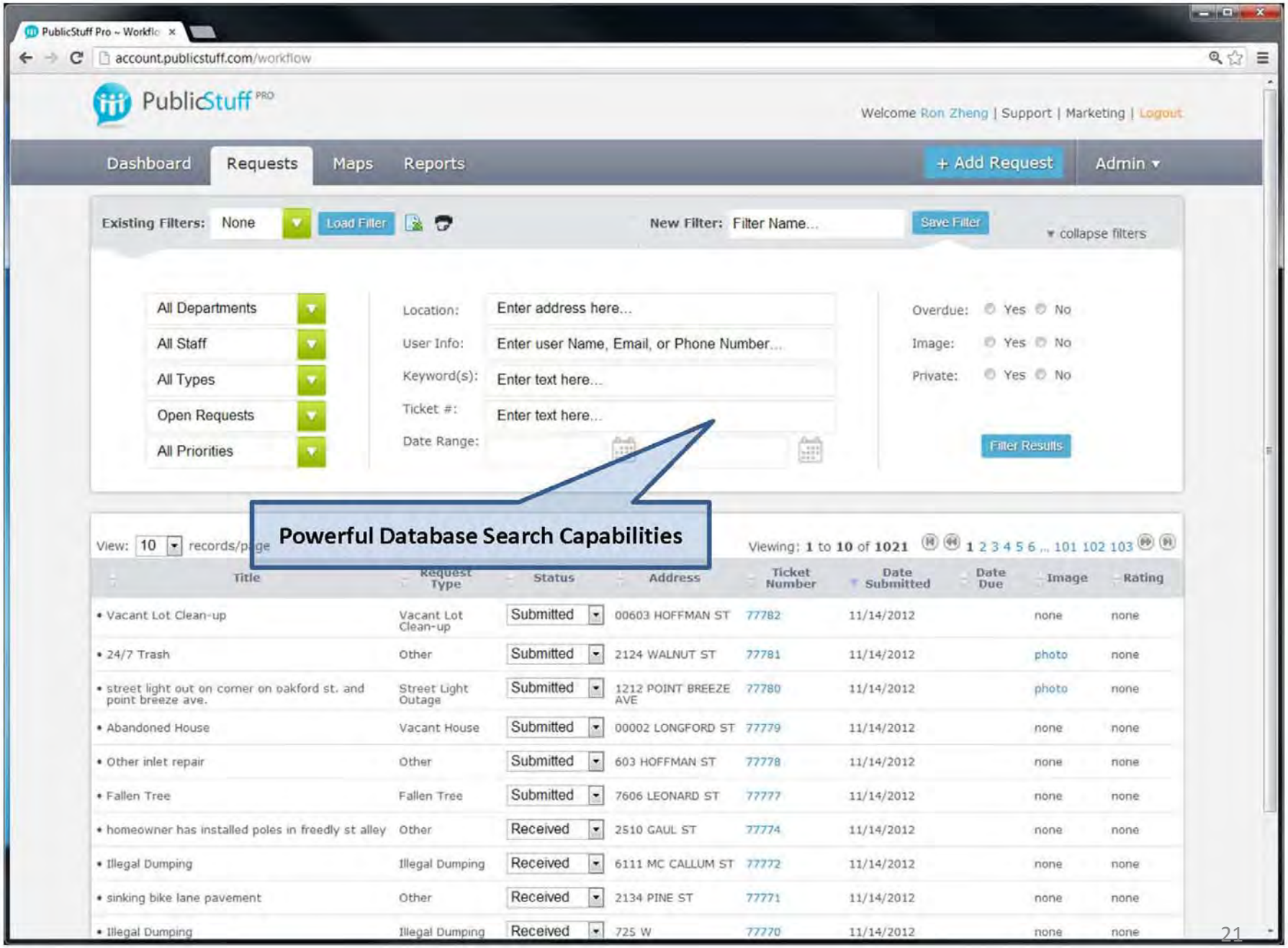
Three Solutions for Citizen Requests:

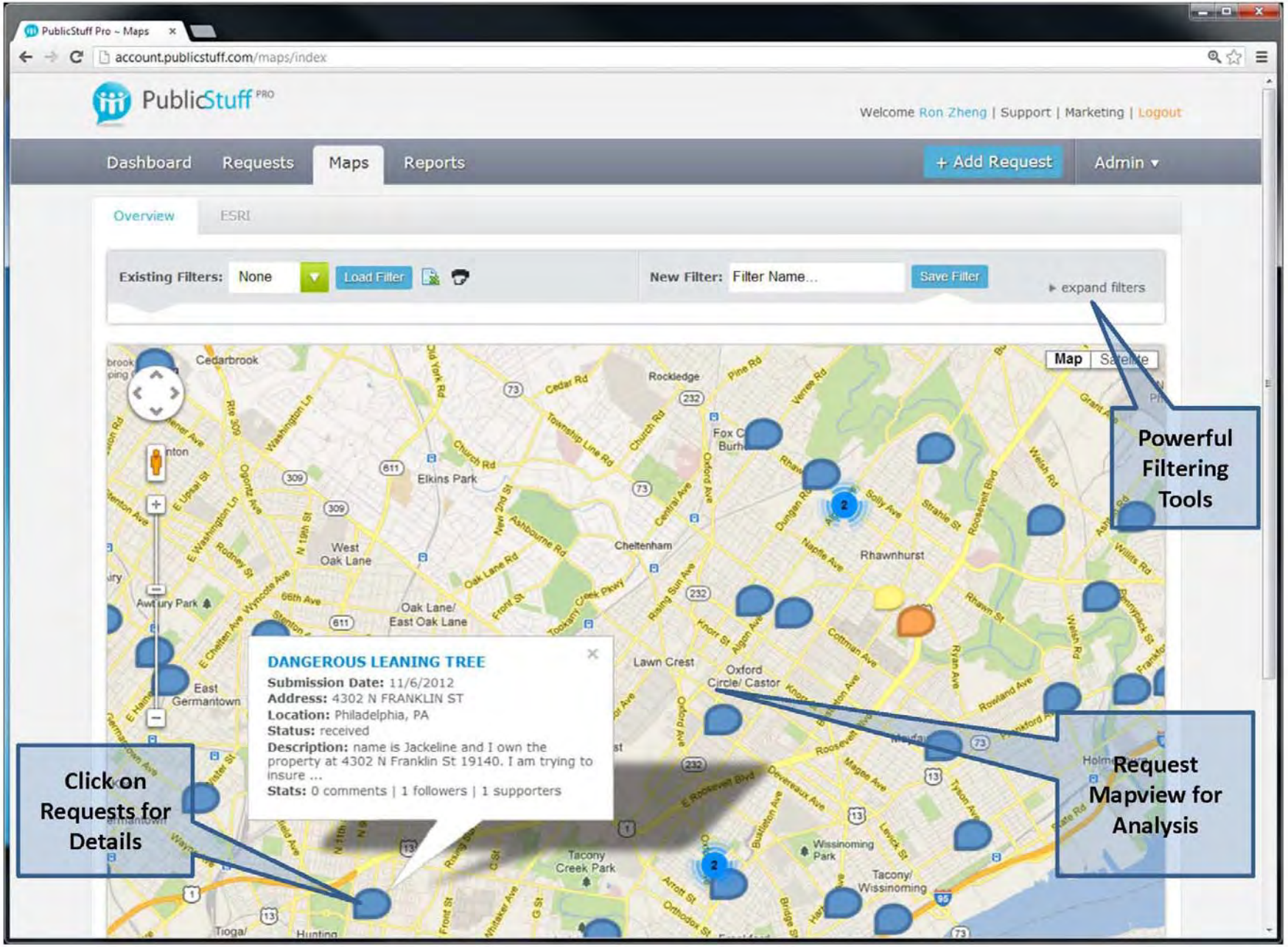
1)Mobile Solution

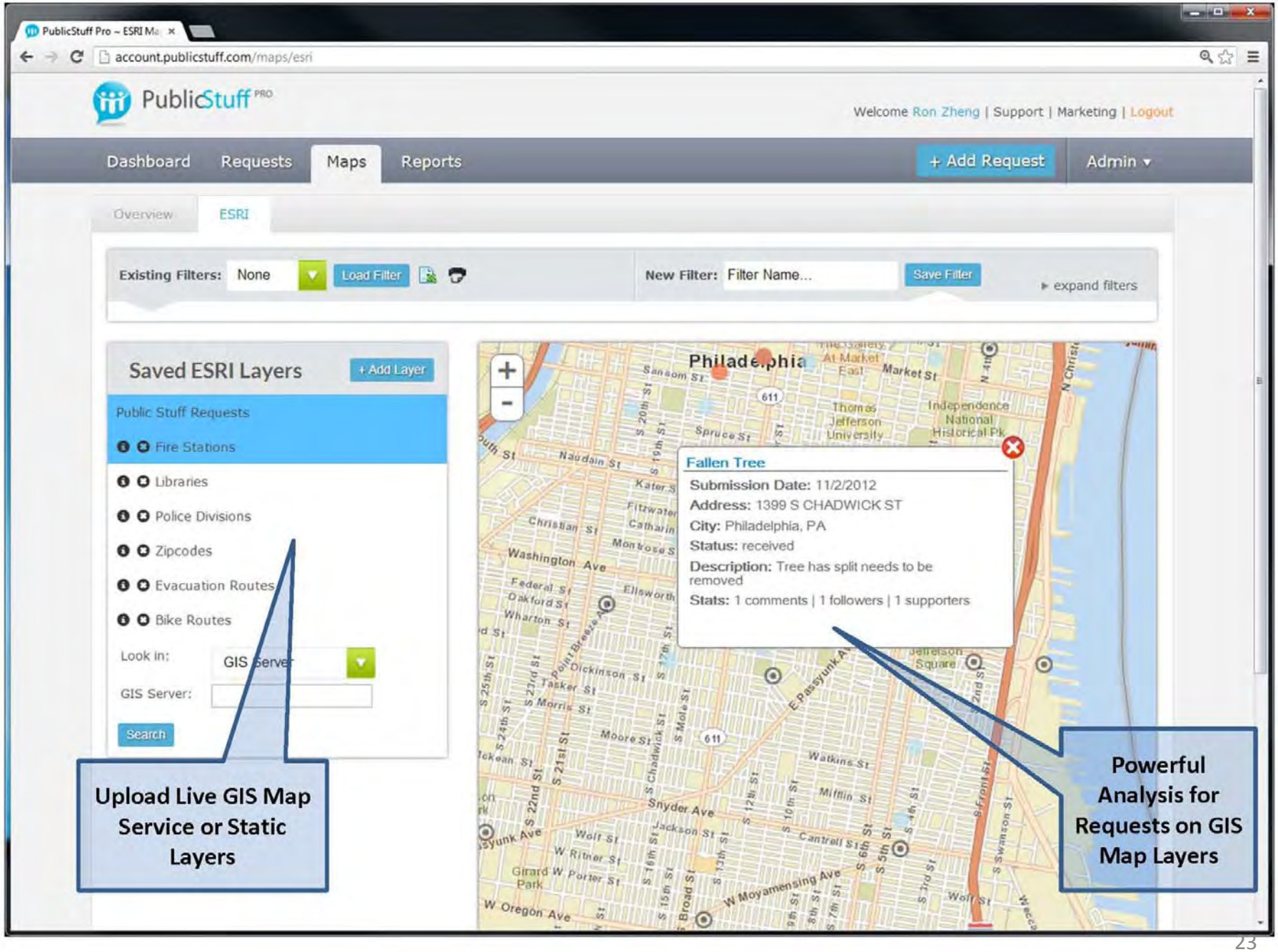
2)Web Portal for Citizen Engagement

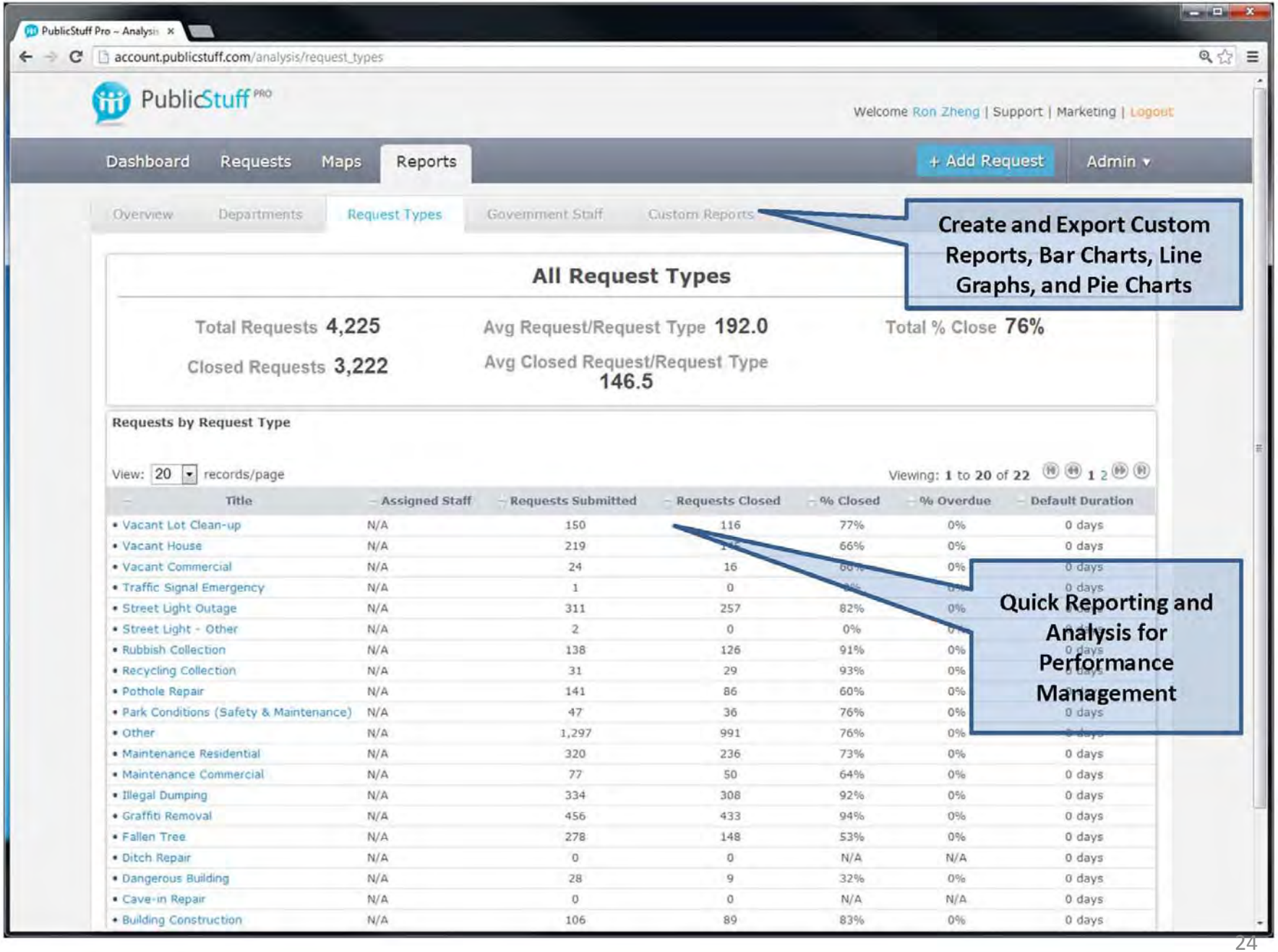
3)Internal Staff Solution


PublicStuff Pro ~ Dashbo
account.publicstuff.com/dashboard/all
PublicStuff PRO
Welcome Ron Zheng | Support | Marketing | Logout
Dashboard
Requests
Maps
Reports
+ Add Request
Admin
My Requests
All Requests
Easy Navigation Bar
New requests assigned to your city:
15 new requests
(Double click a request to view it)
Title
Request Type
Status
Tracking Number
Submitted On
Image
• Fallen Tree
Fallen Tree
Submitted
77777
11/14/2012
none
• Other inlet repair
Other
Submitted
77778
11/14/2012
none
• Abandoned House
Vacant House
Submitted
77779
11/14/2012
none
• street light out on corner on oakford st. and point breeze ave.
Street Light Outage
Submitted
77780
11/14/2012
photo
• 24/7 Trash
Other
Submitted
77781
11/14/2012
photo
• Vacant Lot Clean-up
Vacant Lot Clean-up
Submitted
77782
11/14/2012
none
• Illegal Dumping
Illegal Dumping
Submitted
63214
08/01/2012
photo
• ELECTIC LINES
Other
Submitted
66293
photo
• Other
Other
Submitted
74521
none
Announcements
Post new..
From Publicstuff
Minor updates
- The widget-specific controllers (FAQs, Forms, PublicPeople) have been moved to their own Admin panel "Widget management" - We have added n... More
on Oct 21, 2012 11:48 pm
From Publicstuff
PublicStuff v2.0
PublicStuff Launches Mobile v2.0
PublicStuff recently launched Mobile v2.0, the most robust civic engagement tool on the market. The new v... More
on Sep 28, 2012 3:36 pm
See All Announcements
New Requests
PublicStuff and Internal Staff Announcements
Requests in Progress
Open requests assigned to your city:
200 total open requests
Title
Request Type
Status
Tracking Number
Submitted On
Image
• fallem tree at 4 N Felton st
Fallen Tree
Received
77716
11/14/2012
photo
• Vacant Commercial
Vacant Commercial
Received
77718
11/14/2012
none
• Vacant Commercial
Vacant Commercial
Received
77719
11/14/2012
none
• Abandoned Automobile
Abandoned Automobile
Received
77728
11/14/2012
photo
Trends
chart by amCharts.com
Request submitted by week
800
700
600
500
400

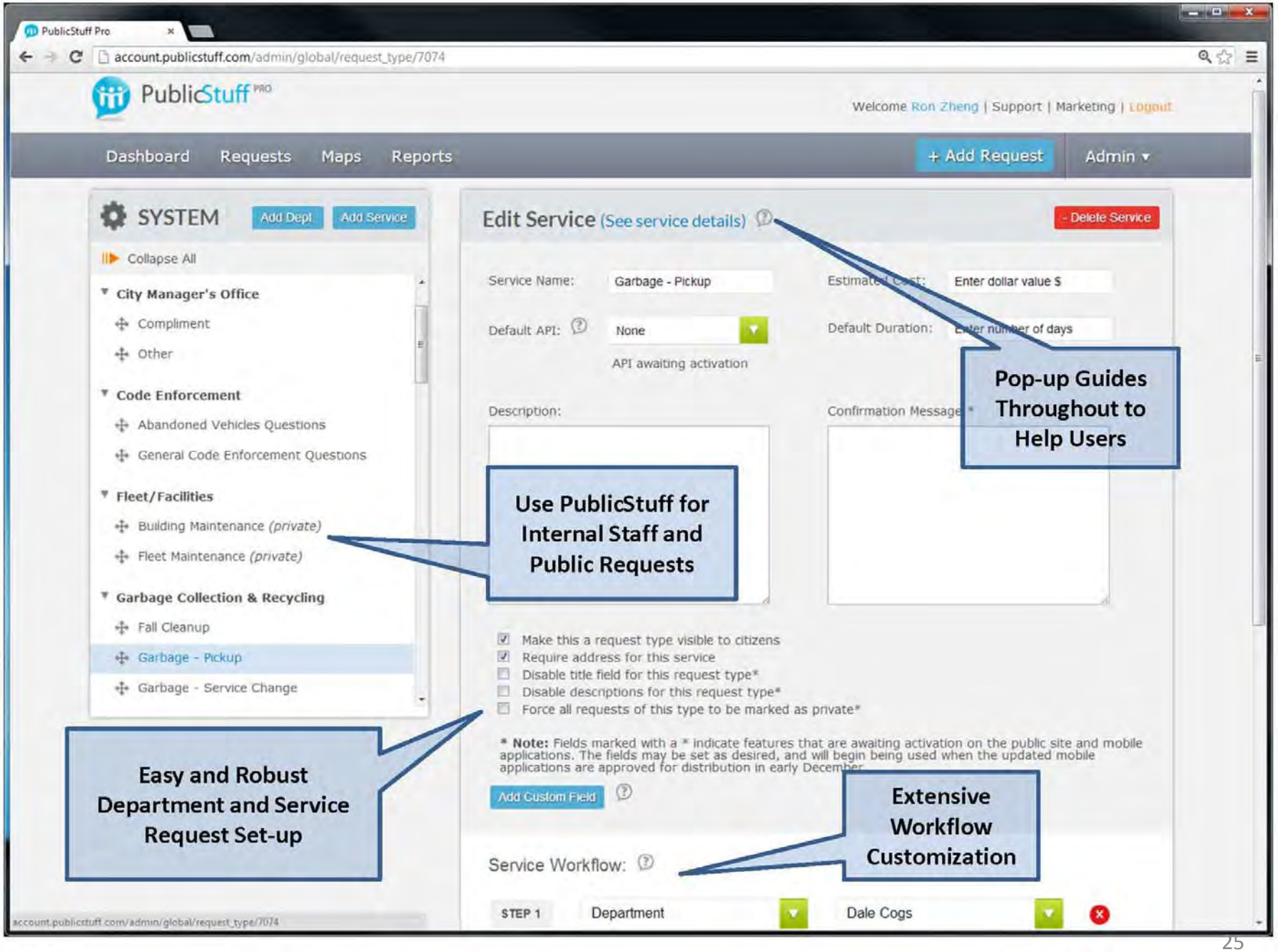

PublicStuff Pro ~ Workflo
account.publicstuff.com/workflow
PublicStuff PRO
Welcome Ron Zheng | Support | Marketing | Logout
Dashboard
Requests
Maps
Reports
+ Add Request
Admin
Existing Filters: None
Load Filter
New Filter: Filter Name...
Save Filter
collapse filters
All Departments
All Staff
All Types
Open Requests
All Priorities
Location: Enter address here...
User Info: Enter user Name, Email, or Phone Number...
Keyword(s): Enter text here...
Ticket #: Enter text here...
Date Range:
Overdue: Yes No
Image: Yes No
Private: Yes No
Filter Results
Powerful Database Search Capabilities
View: 10 records/page
Viewing: 1 to 10 of 1021
1 2 3 4 5 6 ... 101 102 103
Title
Request Type
Status
Address
Ticket Number
Date Submitted
Date Due
Image
Rating
• Vacant Lot Clean-up | Vacant Lot Clean-up | Submitted | 00603 HOFFMAN ST | 77782 | 11/14/2012 | | none | none
• 24/7 Trash | Other | Submitted | 2124 WALNUT ST | 77781 | 11/14/2012 | | photo | none
• street light out on corner on oakford st. and point breeze ave. | Street Light Outage | Submitted | 1212 POINT BREEZE AVE | 77780 | 11/14/2012 | | photo | none
• Abandoned House | Vacant House | Submitted | 00002 LONGFORD ST | 77779 | 11/14/2012 | | none | none
• Other inlet repair | Other | Submitted | 603 HOFFMAN ST | 77778 | 11/14/2012 | | none | none
• Fallen Tree | Fallen Tree | Submitted | 7606 LEONARD ST | 77777 | 11/14/2012 | | none | none
• homeowner has installed poles in freedly st alley | Other | Received | 2510 GAUL ST | 77774 | 11/14/2012 | | none | none
• Illegal Dumping | Illegal Dumping | Received | 6111 MC CALLUM ST | 77772 | 11/14/2012 | | none | none
• sinking bike lane pavement | Other | Received | 2134 PINE ST | 77771 | 11/14/2012 | | none | none
• Illegal Dumping | Illegal Dumping | Received | 725 W | 77770 | 11/14/2012 | | none | none


PublicStuff Pro ~ Maps
account.publicstuff.com/maps/index
PublicStuff PRO
Welcome Ron Zheng | Support | Marketing | Logout
Dashboard
Requests
Maps
Reports
+ Add Request
Admin
Overview
ESRI
Existing Filters:
None
Load Filter
New Filter:
Filter Name...
Save Filter
expand filters
Map
Satellite
DANGEROUS LEANING TREE
Submission Date: 11/6/2012
Address: 4302 N FRANKLIN ST
Location: Philadelphia, PA
Status: received
Description: name is Jackeline and I own the property at 4302 N Franklin St 19140. I am trying to insure ...
Stats: 0 comments | 1 followers | 1 supporters
Powerful Filtering Tools
Click on Requests for Details
Request Mapview for Analysis


PublicStuff Pro – ESRI Ma
account.publicstuff.com/maps/esri
PublicStuff PRO
Welcome Ron Zheng | Support | Marketing | Logout
Dashboard
Requests
Maps
Reports
+ Add Request
Admin
Overview
ESRI
Existing Filters:
None
Load Filter
New Filter:
Filter Name...
Save Filter
expand filters
Saved ESRI Layers
+ Add Layer
Public Stuff Requests
Fire Stations
Libraries
Police Divisions
Zipcodes
Evacuation Routes
Bike Routes
Look in:
GIS Server
GIS Server:
Search
Philadelphia
Fallen Tree
Submission Date: 11/2/2012
Address: 1399 S CHADWICK ST
City: Philadelphia, PA
Status: received
Description: Tree has split needs to be removed
Stats: 1 comments | 1 followers | 1 supporters
Upload Live GIS Map Service or Static Layers
Powerful Analysis for Requests on GIS Map Layers



Title	Assigned Staff	Requests Submitted	Requests Closed	% Closed	% Overdue	Default Duration
• Vacant Lot Clean-up	N/A	150	116	77%	0%	0 days
• Vacant House	N/A	219	[illegible]	66%	0%	0 days
• Vacant Commercial	N/A	24	16	66%	0%	0 days
• Traffic Signal Emergency	N/A	1	0	[illegible]	[illegible]	0 days
• Street Light Outage	N/A	311	257	82%	0%	[illegible]
• Street Light - Other	N/A	2	0	0%	[illegible]	[illegible]
• Rubbish Collection	N/A	138	126	91%	0%	0 days
• Recycling Collection	N/A	31	29	93%	0%	[illegible]
• Pothole Repair	N/A	141	86	60%	0%	[illegible]
• Park Conditions (Safety & Maintenance)	N/A	47	36	76%	0%	0 days
• Other	N/A	1,297	991	76%	0%	[illegible]
• Maintenance Residential	N/A	320	236	73%	0%	0 days
• Maintenance Commercial	N/A	77	50	64%	0%	0 days
• Illegal Dumping	N/A	334	308	92%	0%	0 days
• Graffiti Removal	N/A	456	433	94%	0%	0 days
• Fallen Tree	N/A	278	148	53%	0%	0 days
• Ditch Repair	N/A	0	0	N/A	N/A	0 days
• Dangerous Building	N/A	28	9	32%	0%	0 days
• Cave-in Repair	N/A	0	0	N/A	N/A	0 days
• Building Construction	N/A	106	89	83%	0%	0 days


PublicStuff Pro
account.publicstuff.com/admin/global/request_type/7074
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Dashboard
Requests
Maps
Reports
+ Add Request
Admin
SYSTEM
Add Dept
Add Service
Collapse All
City Manager's Office
Compliment
Other
Code Enforcement
Abandoned Vehicles Questions
General Code Enforcement Questions
Fleet/Facilities
Building Maintenance (private)
Fleet Maintenance (private)
Garbage Collection & Recycling
Fall Cleanup
Garbage - Pickup
Garbage - Service Change
Edit Service (See service details)
Delete Service
Service Name:
Garbage - Pickup
Enter dollar value $
Default API:
None
API awaiting activation
Default Duration:
Description:
Confirmation Message
Make this a request type visible to citizens
Require address for this service
Disable title field for this request type*
Disable descriptions for this request type*
Force all requests of this type to be marked as private*
* Note: Fields marked with a * indicate features that are awaiting activation on the public site and mobile applications. The fields may be set as desired, and will begin being used when the updated mobile applications are approved for distribution in early December.
Add Custom Field
Service Workflow:
STEP 1
Department
Dale Cogs
Pop-up Guides Throughout to Help Users
Use PublicStuff for Internal Staff and Public Requests
Easy and Robust Department and Service Request Set-up
Extensive Workflow Customization

Marketing on CTV, website, eNews, social media, newsletter, banners, HOA's, schools

CITY of CALABASAS

Connect with Calabasas
Mobile App/Web Interface
Demonstration
March 12, 2014

Approved by City Manager:

CITY of CALABASAS

CITY COUNCIL AGENDA REPORT

DATE: MARCH 3, 2014

TO: HONORABLE MAYOR AND COUNCILMEMBERS

FROM: MAUREEN TAMURI, COMMUNITY DEVELOPMENT DIRECTOR
TOM BARTLETT, CITY PLANNER

SUBJECT: ADOPTION OF RESOLUTION NUMBER 2014-1399 OF THE CITY COUNCIL OF THE CITY OF CALABASAS INITIATING PROCEEDINGS AND REQUESTING THE LOCAL AGENCY FORMATION COMMISSION OF LOS ANGELES COUNTY TO AMEND THE SPHERE OF INFLUENCE AND TO CONSIDER APPROVAL OF A REORGANIZATION OF THE TERRITORY TO INCLUDE ANNEXATION OF PROPERTIES ALONG WEST AGOURA ROAD TO THE CITY OF CALABASAS.

MEETING DATE: MARCH 12, 2014

SUMMARY RECOMMENDATION:

That the City Council adopt Resolution Number 2014-1399 of the City Council of the City Of Calabasas initiating proceedings and requesting the Local Agency Formation Commission of Los Angeles County to amend the sphere of influence and to consider approval of a reorganization of the territory to include annexation of properties along west Agoura Road to the City of Calabasas

BACKGROUND:

The City's 2030 General Plan identified a planning area which anticipates growth through the incorporation of properties on the City's borders. Incorporation of areas which are currently part of unincorporated Los Angeles County is a stated goal of the LA County North Area Plan as well as the Local Agency Formation Commission. Not considered at the time of the 2008 General Plan was the

disposition of a pocket of properties in unincorporated Los Angeles County at the far west end of Agoura Road between the City boundary and Liberty Canyon Road, which is the easterly boundary of the City of Agoura.

The resolution before the Council would initiate an annexation process for those six properties consisting of two commercial office buildings and related lots, one undeveloped terraced hillside commercial site, and one large lot of development restricted open space. Staff is recommending that the Council proceed forward with annexation in order to logically complete the commercial corridor along Agoura Road, and provide connectivity of protected open space supporting the wildlife corridor. The parcels total 43.17 acres (including the Agoura Road ROW) and are collectively valued by the LA County Assessor at $15,097,393.

DISCUSSION/ANALYSIS:

When studying a possible trail linkage in early 2013, staff recognized the "pocket" of unincorporated County area along Agoura Road as both out of the sphere of influence for the City of Agoura Hills and Calabasas. The six parcels are described as follows:

A) Parcel Numbers: 2064005009, 2064005017 and 2064005018
   Address: 27349 Agoura Rd, Calabasas, CA 91301
   Total Lots Size (sf) Assessor: 217,356sf (4.98 acres)
   Year Built: 2001
   Commercial Office Building
   Building Area: 81,110sf
   Valuation: $12,064,701

B) Parcel Number: 2064005011
   No Address
   Total Lot Size: 1,194,777 sf (27.43 acres)
   Development Restricted Open Space
   Valuation: $407,997

C) Parcel Number: 2064005015
   No Address
   Total Lot Size: 114,148 sf (2.62 acres)
   Commercial Planned Development, undeveloped site
   Valuation: $64,080

D) Parcel Number:2064005010
Site Address: 27200 Agoura Rd, Calabasas, CA 91301
Lot Size (sf) Assessor: 104,601 (2.40 Acres)
Year Built: 1998
Commercial Office Building
Building Area: 26,325
Valuation: $2,560,615

The parcels are immediately east of the Liberty Canyon wildlife crossing identified by the National Park Service and the Santa Monica Mountains Conservancy. Currently studies have been authorized by the Santa Monica Mountains Conservancy regarding an enhanced mountain lion crossing in this area. The large 27.43 acre open space parcel is immediately adjacent to City owned open space to the south.

Both undeveloped parcels are the site of a large landslide which occurred in 1994, and which closed Agoura Road for an extended period of time until repairs were concluded. FEMA stabilization areas are clearly visible and largely envelop the smaller of the two parcels. Staff is conducting research as to whether or not the smaller hillside parcel contains restrictions for slope easements or other purposes given its very low Assessor's office valuation of $64,080 for 2.62 acres of freeway visible commercially zoned property.

The larger undeveloped parcel was a part of the original tract map for the two office buildings and is identified in the parcel map as development restricted open space. The two commercial office buildings are two stories in height with surface parking and house a variety of professional offices.

On May 8, 2013, staff identified the area to the City Council as part of an overview of commercial properties in Calabasas. On February 20, 2014, staff initiated a discussion with the Planning Commission regarding potential annexation of this area. The Planning Commission comments were generally supportive of local controls over such areas. They did not see any urgency in proceeding with the annexation and requested additional information if a recommendation to the Council was desired. Public comments expressed concern about the City's development intentions, protection of open space, roadway liabilities due to the landslide and the City's stewardship of the wildlife crossing.

Staff's analysis is that the area is complementary in land use and scale to the City, and provides for a logical termination of the commercial corridor along Agoura Road. The 27.3 acres of development restricted open space area abuts the development restricted open space held by the City which links to De Anza Park and State park property to the South. If annexed to the City, the open space

property would receive further protections under CMC 17.16.040 which requires voter approval to re-zone development restricted property to any other purpose.

FISCAL IMPACT/SOURCE OF FUNDING:

Staff funding for the annexation is not currently identified in the budget. Efforts would need to include a general plan amendment, pre-zoning, CEQA, property mapping and related LAFCO application needs and fees. Anticipated costs to process the application are estimated at $50,000.

REQUESTED ACTION:

That the City Council adopt Resolution Number 2014-1399 of the City Council of the City Of Calabasas initiating proceedings and requesting the Local Agency Formation Commission of Los Angeles County to amend the sphere of influence and to consider approval of a reorganization of the territory to include annexation of properties along west Agoura Road to the City of Calabasas

ATTACHMENTS:
a. Resolution No. 2014-1399
b. Map of annexation area

RESOLUTION NO. 2014-1399

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CALABASAS, CALIFORNIA INITIATING PROCEEDINGS AND REQUESTING THE LOCAL AGENCY FORMATION COMMISSION OF LOS ANGELES COUNTY TO AMEND THE SPHERE OF INFLUENCE AND TO CONSIDER APPROVAL OF A REORGANIZATION OF TERRITORY WHICH INCLUDES ANNEXATION OF APPROXIMATELY 43.17 ACRES OF UNINCORPORATED TERRITORY TO THE CITY OF CALABASAS.

WHEREAS, The City Council desires to initiate proceedings pursuant to the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000, commencing with Section 56000 of the California Government Code, to annex territory to the City of Calabasas;

WHEREAS, The area to be annexed, consisting of approximately 43.17 acres of developed commercial properties and protected open space lands, is located immediately west of the City and represents an island of unincorporated territory between the City of Agoura Hills and the City of Calabasas;

WHEREAS, Policy No. II-3 in the 2030 General Plan states: "Pursue annexation of those areas where residents (in inhabited areas) or landowners (in uninhabited areas) desire to become part of the City of Calabasas";

WHEREAS, The area to be annexed includes two existing developed commercial properties and open space lands but no residential dwellings or inhabitants, and the property owners have expressed a desire to become part of the City of Calabasas;

WHEREAS, The Los Angeles County North Area Plan, as adopted by the Los Angeles County Board of Supervisors On October 24, 2000, supports the annexation of lands directly adjacent to incorporated cities, where primary access and services, such as parks, are provided through the city (NAP Policy No. III-9);

WHEREAS, The area to be annexed is contiguous to the City of Calabasas, and secures access and services, including transit, parks and library services, primarily from the City of Calabasas; and,

WHEREAS, The reasons for this proposal are to provide municipal services to this area, allow participation in municipal affairs, and promote orderly governmental boundaries, consistent with the provisions of California

law and the land use and development policies of the County of Los Angeles and the City of Calabasas;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF CALABASAS DOES HEREBY RESOLVE AND ORDER AS FOLLOWS:

Section 1. The City Council hereby requests the Local Agency Formation Commission of Los Angeles County amend the Sphere of Influence for the City of Calabasas to include the territory described herein and illustrated on Exhibit A.

Section 2. The City Council hereby requests the Local Agency Formation Commission of Los Angeles County process a reorganization encompassing the City of Calabasas and the unincorporated territory of the County of Los Angeles, such that approximately 43.17 acres of territory, comprised of six parcels and attendant local street right-of-way, which territory is currently within the unincorporated Los Angeles County, be annexed to the City of Calabasas, as shown on Exhibit A.

Section 3. Based on the foregoing statements of findings and conclusions, the City Council hereby initiates the annexation of the West End Territory, as shown on Exhibit A, attached hereto and made a part hereof, and requests the Local Agency Formation Commission of Los Angeles County to take proceedings as authorized and in the manner provided by the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000, as amended.

Section 4. The City Clerk shall certify to the adoption of this resolution and shall cause the same to be processed in the manner required by law.

PASSED, APPROVED AND ADOPTED this 12th day of March, 2014.

_____
Fred Gaines, Mayor

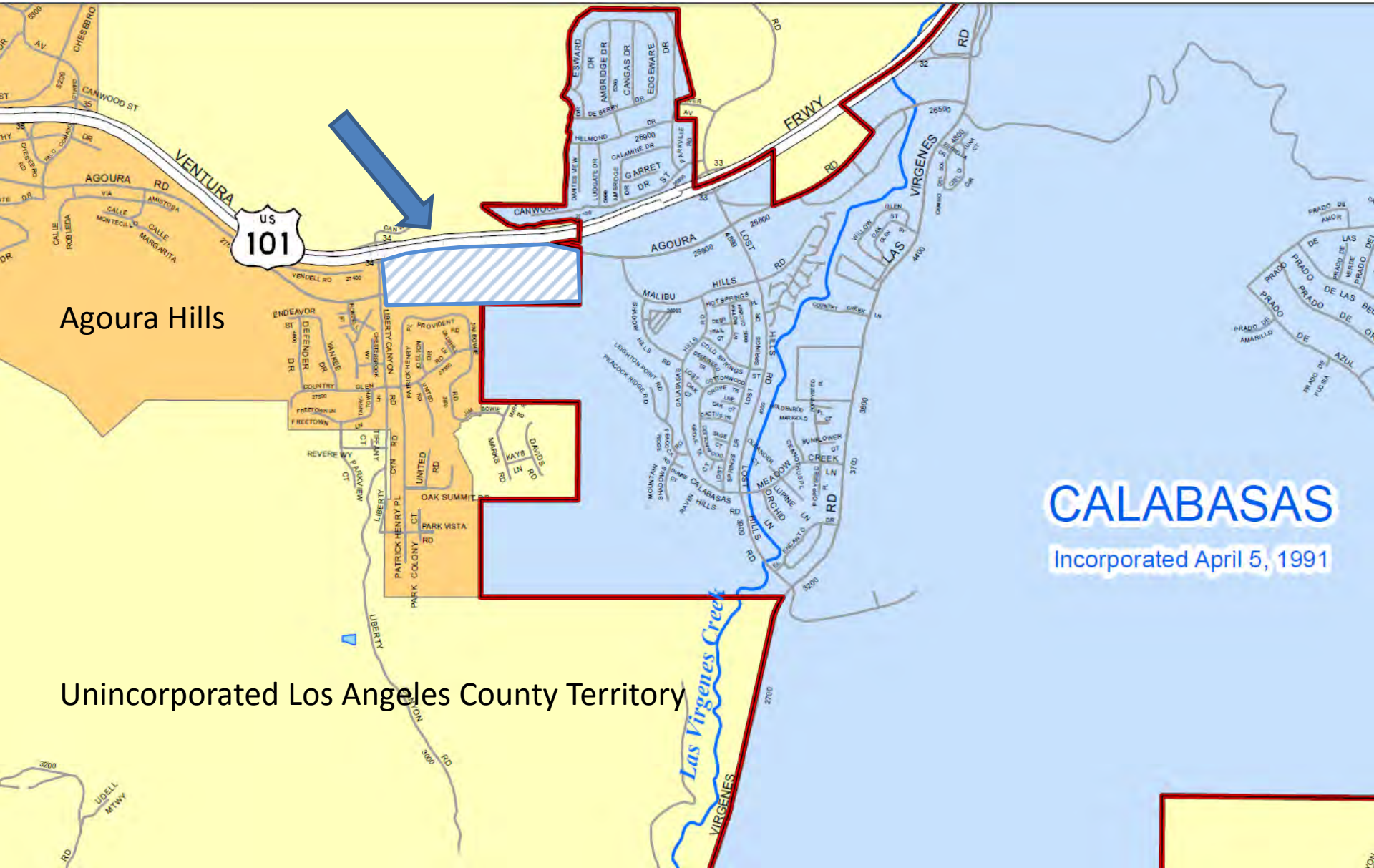
ATTEST:

_____
Maricela Hernandez, MMC
City Clerk

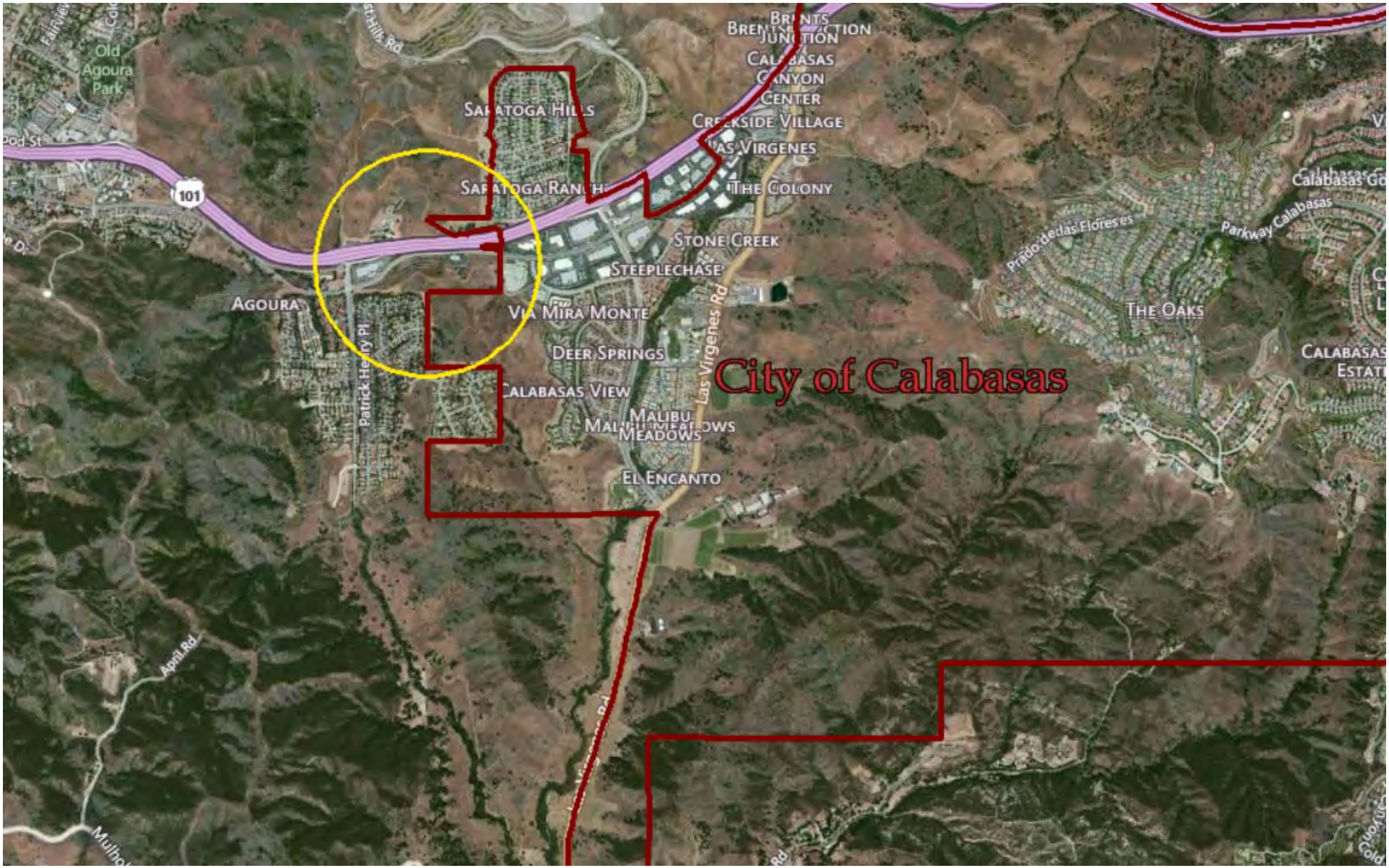
APPROVED AS TO FORM:

_____
Scott H. Howard, City Attorney

West End Territory -- To be Annexed to City of Calabasas



West End Territory



West End Territory

Approved by City Manager:

CITY of CALABASAS

CITY COUNCIL AGENDA REPORT

DATE: MARCH 3, 2014

TO: HONORABLE MAYOR AND COUNCILMEMBERS

FROM: JEFF RUBIN, COMMUNITY SERVICES DIRECTOR
MAUREEN TAMURI, COMMUNITY DEVELOPMENT DIRECTOR

SUBJECT: RECOMMENDATION BY THE SENIOR TASK FORCE TO AWARD THE DESIGN/BUILD CONTRACT FOR THE CALABASAS SENIOR CENTER TO PANKOW BUILDERS.

MEETING DATE: MARCH 12, 2014

SUMMARY RECOMMENDATION:

It is recommended that the City Council approve the Senior Task Force recommendation to award the Design/Build Contract for the Calabasas Senior Center to Pankow Builders.

BACKGROUND:

In the summer of 2011, a group of seniors approached the PRE Commission requesting additional programming for the active seniors of Calabasas. They had initial discussions with staff and although they appreciated that there were several senior classes and activities offered by the City, they wanted to formalize their position in the City and therefore formed Savvy Seniors, hoping to build their small group into a major force that would one day include a Senior Center to call their own.

City Council approved the establishment of a Senior Task Force on October 24, 2012 and appointed then Mayor Maurer and Councilmember Shapiro as members, along with six additional members. Task Force Members Carol Davis, Sue Somberg, Lois Julien, Charlotte Meyer, Brenda Cohen and Ed Albrecht were introduced to the City Council at their meeting on November 14, 2012. Staff also presented potential

sites for a senior center at that meeting and after extensive discussion, direction was provided to the Task Force. Staff returned to City Council on November 28, 2012 and the moving forward with preliminary design of a Senior Center on the Civic Center Property was approved.

The Senior Task Force has been meeting regularly since the beginning of 2013 with staff. After reviewing three submittals in response to a Request for Proposals (RFP) prepared by staff for a workshop facilitator which also included an initial concept design specification, the Task Force decided to have staff undertake the development and implementation of the public workshops. Two workshops were held in the month of June, one each in the Founders Hall at the Civic Center and at the Agoura Hills/Calabasas Community Center in order to obtain information based upon interactive questions developed by both staff and members of the Senior Task Force. As part of the Workshops, participants went through a series of story boards that contained pertinent senior information along with twenty-one interactive questions in which numbered stickers were utilized in order to decipher what was important based upon age category, gender, and residency.

Staff prepared and reviewed with the Senior Task Force and brought to City Council on August 28, 2013 the results of the Workshops (Held on June 22 & 27, 2013) and the Building Program, all of which were packaged with a Request for Proposals (RFP) for a Design-Build team (The Building Program documents including the RFP and Interview Process display the efforts of staff and the Senior Task Force). At that same Council Meeting, City Council allocated $4,000,000.00 for the design and construction of the Senior Center with additional funding to be determined at a later time for building fixtures, furnishings and equipment.

The Senior Task Force met and decided upon an RFP review and selection committee consisting of Mayor Pro Tem Shapiro, Councilmember Maurer, City Manager Coroalles, Community Services Director Rubin, Community Development Director Tamuri, Task Force Members Davis and Albrecht and Consultant Kevin Jones.

The Design/Build RFP was posted on October 4, 2013 and closed on November 4, 2013. Submittals were received from the following nine firms:

-Anderson Burton
-Westport Construction, Inc. dba Westport Development
-Pankow Builders
-Mainstreet Architects & Planners
-Studio MA
-Bernards
-KPRS Construction
-New Creation Builders
-Staples Construction Company

Each proposal was evaluated independently by the selection committee in the following categories:

Letter to the Selection Committee
Provided highlights, strengths, rationale for team selection (5 Points)

Design-Builder Information
Background for each firm, legal status, licenses, ID specialty subs (5 Points)

Technical Qualifications and Experience
Past projects, design integration, noteworthy collaboration, public and senior facilities experience, aging communities, similar scope and size projects (30 Points)

Project Staffing and Organization
ID team members to be assigned, project management experience, resumes of consultants (20 Points)

Project Understanding and Approach
Project approach, task force interface, budget control, ID challenges, keys to success, building integration (25 Points)

Project Budget Management
Examples from past projects, breakdown of cost areas, method to achieve value, best value controls (10 Points)

Financial and Other Information
Audit reports, OSHA history, debarment, default, bankruptcy, claims history, false claims and criminal convictions (5 Points)

Scoring was as follows (*Top Three Scoring Firms Qualified for Interviews):

***BERNARDS**	**95.16**
***PANKOW BUILDERS**	**92.66**
***KPRS CONSTRUCTION**	**85.50**
ANDERSEN BURTON/AETYPIC	71.17
STUDIO MA DESIGN BUILD TEAM	69.49
NEW CREATION	61.33
STAPLES CONSTRUCTION	59.84
GRD / MAINSTREET	59.82
WESTPORT CONSTRUCTION	49.83

Bernards, Pankow and KPRS were interviewed on Monday, December 16, 2013 with the following being the interview criteria, all of which was posted two weeks prior to the interviews:

The design/build team should prepare a 10-15 minute opening presentation for the selection committee; provide a concept sketch to allow the committee to evaluate your design approach; and be prepared to address the following questions.

1. Please elaborate on your direct experience as a general contractor/architect working together as a design/build or design/bid/build team? Please introduce the person who will be the primary point of contact between your team and the City (This individual should be prepared to discuss their past design/build projects and their direct knowledge of managing a design/build team and the skills necessary to be successful).

2. For the designer, what are the unique design challenges of a senior center? What is at the cutting edge of design for senior centers and what do you understand to be innovative features and accommodations for such facilities?

3. Please be prepared to discuss your concept sketch, and the thoughts you have about approaching the concept design phase. What challenges arise in meeting the City's goal to seamlessly integrate this facility onto the campus?

4. Please provide your opinion as to the timeline and feasibility of delivering the City's desired program and scope within the allocated budget of $4M. How many square feet do you feel our building program equates to? For a building of comparable construction to that of our City Hall/Library, what would be your estimated cost per square foot in today's market?

5. The City has established a LEED silver rating for the project. What is your opinion as to the additional percentage of cost to obtain LEED gold? LEED platinum?

6. Understanding who your competition is, please tell us how your team stands apart from them, and why you should be selected to do this project.

At the end of the interview process it was clear that Pankow stood out from the other two firms and was selected by the committee to be the firm most qualified to take on the design and construction of the Calabasas Senior Center. Scoring was as follows (Max. score of 30):

Pankow	27.33
KPRS	26.00
Bernards	21.67

DISCUSSION:

At the January 8, 2014 City Council Meeting, Council approved the selection of Pankow Builders as the best qualified firm and authorized staff to begin contract negotiations and to include a Gold LEED Standard within the building program. The design/construction process will proceed in three separate Council authorized phases:

> Phase I, Schematic Design/Massing: Preparation of basic design package, consisting of site and floor plans, elevations and sections sufficient to describe the building to a 10% level of completion, along with a cost estimate of the work.
>
> Phase II, Design Development: Preparation of the approved schematic design to a 50% level of completeness sufficient to permit the preparation of a Guaranteed Maximum Price by the Design-Build team.
>
> Phase III, Final Design (A) and Construction (B): Preparation of final design plans, securing of permits, construction and start-up of the new Senior Center.

Staff anticipates Pankow taking two weeks to gather the applicable insurance and to have all contract documents signed and notarized. With that timeframe, The City would be prepared to provide Pankow with a Notice to Proceed with the project on March 31, 2014. The entire project schedule encompasses the following duration of days by Phase:

Phase	Days	Time Contingency Days	Total Days
Phase 1	85	30	115
Phase 2	119	30	149
Phase 3A	98	10	108
Permit	92	0	92
Phase 3B	306	60	366
Total	**700**	**130**	**830**

ENVIRONMENTAL REVIEW:

Staff has determined that the project is categorically exempt from environmental review in accordance with Section 15303 (c), (Class 3, New Construction or Conversion of Small Structures) of the CEQA Guidelines.

FISCAL IMPACT/SOURCE OF FUNDING:

$4,000,000.00 from Management Reserve for the design and construction of the Calabasas Senior Center.

REQUESTED ACTION:

It is requested that the City Council approve the Senior Task Force recommendation to award the Design/Build Contract for the Calabasas Senior Center to Pankow Builders.

ATTACHMENTS:
a. Contract
b. Contract Exhibits A-I
c. Notice of Exemption-CEQA Attachment A

DESIGN-BUILD AGREEMENT
FOR THE
CITY OF CALABASAS SENIOR CENTER

THIS AGREEMENT is made and entered into as of _____, 2014, by and between the City of Calabasas (the "CITY"), a California public entity and Charles Pankow Builders Ltd. (DESIGN-BUILDER), a California limited partnership. The parties hereto may hereinafter be referred to individually as "Party," or together as the "Parties"), based on the following facts and understandings, which are incorporated in and made a part of this Agreement:

A. CITY requires design and construction services for a new free standing senior center on the Civic Center campus;

B. CITY has invited bids pursuant to the authority granted by Government Code Section 20175.2 *et seq*. for the identification of a qualified DESIGN-BUILDER to design and construct the senior center consistent with CITY's requirements and the terms of this Agreement.

C. DESIGN-BUILDER represents that it is duly licensed and possesses the professional qualifications, experience and expertise to provide the equipment and services required by this Agreement.

D. In entering into this Agreement, CITY relies on the representations, qualifications, licensing, experience and expertise of the DESIGN-BUILDER.

E. The purpose of this Agreement is to establish the terms and conditions under which DESIGN-BUILDER will design and construct for CITY the facilities, equipment and services described herein, which are necessary components in CITY's Calabasas Senior Center project.

NOW, THEREFORE, in consideration of performance by the Parties hereto of the promises, covenants, and conditions herein contained, the Parties hereby agree as follows:

SECTION 1. DESIGN-BUILDER SERVICES AND RESPONSIBILITIES

A. SERVICES

1. DESIGN-BUILDER shall provide to CITY those services described in this Agreement ("Services"). DESIGN-BUILDER agrees to perform in an expeditious and economical manner consistent with the interests of CITY. To these ends, DESIGN-BUILDER shall furnish all technical and professional services, including design, permitting, labor, material, equipment fabrication, transportation, supervision and expertise necessary to fully and adequately perform the tasks set forth herein. DESIGN-BUILDER further agrees that such services shall be provided in accordance with the price schedule incorporated in **Exhibit A, COMPENSATION**. DESIGN-BUILDER acknowledges that the intent of this Agreement is

that the building be completed in accordance with the parameters of Exhibits "B" and "C", within a total budget of $4,000,000. CITY agrees to work with DESIGN-BUILDER cooperatively to achieve that intent.

2. DESIGN-BUILDER's services include submitting design drawings to CITY, such that CITY's Senior Center will meet the requirements outlined herein as identified in **Exhibit B, SENIOR CENTER BUILDING PROGRAM, Exhibit C, ADDITIONAL SCOPE OF WORK, Exhibit D, PERFORMANCE SCHEDULE AND Exhibit I, PRELIMINARY GEOTECHNICAL REPORT**. Such Services shall be provided through qualified, experienced, and licensed professionals employed by or procured by DESIGN-BUILDER.

3. In performing the Services pursuant to this Agreement, DESIGN-BUILDER shall save and maintain CITY's property and interest in this Agreement free and clear of all liens, conditioned upon payment by City of all undisputed progress payments pursuant to this Agreement.

4. The DESIGN-BUILDER shall secure the written approvals of the CITY representative prior to any change or reassignment of key personnel which shall be identified in writing to the City upon initiation of services.

5. The CITY representative may require the DESIGN-BUILDER to remove any person from the project if it is determined that it is in the best interest of the Project.

6. DESIGN-BUILDER shall take necessary precautions for the safety of its employees on the Senior Center project, and shall cause its subcontractors to comply with all applicable provisions of federal, state, and local safety laws to prevent accidents or injury to persons on, about, or adjacent to the Project site. DESIGN-BUILDER shall cause its subcontractors to erect and properly maintain, at all times, as required by the conditions and progress of the Project, necessary safeguards for the protection of workmen and the public.

7. DESIGN-BUILDER shall keep the project site free from the accumulation of waste materials or rubbish caused by its construction or operations. At the completion of the construction, DESIGN-BUILDER shall remove all of its waste material and rubbish from and around the project site, as well as all of its tools, construction equipment, machinery, and surplus materials.

8. DESIGN-BUILDER is responsible for the project site 24 hours per day, until the CITY has taken possession of the work pursuant to this Agreement. DESIGN-BUILDER shall provide site security, including fences and locking gates. Such security shall include a camera which provides recorded video of the project site. DESIGN-BUILDER should take into consideration that the project site is adjacent to the City Library.

9. DESIGN-BUILDER acknowledges that the work site is immediately adjacent to an operating City Hall and operating City Library. Substantial use is made of the outdoor plaza adjacent to the Library. All reasonable efforts will be made to control noise and dust in order to not interfere with the operations of City Hall and the Library, including parking

at those facilities. Signage shall be posted warning users of the facilities of any dangers or problems they may be exposed to.

10. All workers shall park off-site on locations near the project site to be identified by CITY. DESIGN-BUILDER is responsible for ensuring that its workers and invitees do not park at the adjacent shopping mall or any other private parking lot area, unless it has made prior arrangements with the owners of those locations.

11. DESIGN-BUILDER has or will identify all materials which require long lead acquisition and delivery and takes full responsibility for ensuring that those materials will be available for installation when needed.

12. The CITY has provided DESIGN-BUILDER with geo-technical reports and other reports regarding the site for the sole convenience of CITY and shall retain Geodynamics, Inc., to provide geotechnical support services to the DESIGN-BUILDER.

(a) That the contractor shall promptly, and before the following conditions are disturbed, notify the local public entity, in writing, of any:

(1) Material that the contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.

(2) Subsurface or latent physical conditions at the site differing from those indicated by information about the site made available to bidders prior to the deadline for submitting bids.

(3) Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the contract.

(b) That the local public entity shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the contractor's cost of, or the time required for, performance of any part of the work shall issue a change order under the procedures described in the contract.

(c) That, in the event that a dispute arises between the local public entity and the contractor whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the contractor's cost of, or time required for, performance of any part of the work, the contractor shall not be excused from any scheduled completion date provided for by the contract, but shall proceed with all work to be performed under the contract. The contractor shall retain any and all rights provided either by contract or by law which pertain to the resolution of disputes and protests between the contracting parties.

13. The contract price includes the cost of weekly or bi-weekly meetings, the time of which shall be determined by the CITY at its sole discretion. DESIGN-BUILDER shall

arrange for necessary participants, including the architect, engineers, subcontractors or supplier representatives to be present at those meetings as needed. At least two days prior to any such meeting, DESIGN-BUILDER shall provide the CITY with a list of anticipated attendees.

14. CITY reserves the right to perform scopes of work not included in this Agreement during the course of construction and may do so by and through other contractors. The City shall provide prior notice of such City scopes of work so that DESIGN-BUILDER can coordinate its work with such City scopes of work and so that the project schedule contemplates such other work. The other scopes of work may include, but are not limited to, computer and networking equipment, media equipment, telephone and communications equipment and landscaping. DESIGN-BUILDER acknowledges that some of that work may include low voltage and fiber optic wiring that must be installed during the course of construction and it agrees to coordinate that work accordingly. CITY shall fully cooperate with that coordination.

15. DESIGN-BUILDER is responsible for all design, engineering and construction coordination. That obligation is not delegable to subcontractors.

16. The work site and all adjacent city locations, including City Hall and the Library, are non-smoking areas.

17. Construction work may only be performed between the hours of 7:00 a.m. and 5:00 p.m. Monday through Saturday.

B. STANDARD OF CARE; LICENSES

1. DESIGN-BUILDER represents and maintains that it and its employees are skilled in the professional calling necessary to perform all Services, and the duties and obligations required by this Agreement to fully and adequately complete the CITY's project. DESIGN-BUILDER shall perform the Services and duties in conformance to and consistent with other top level construction firms providing similarly sophisticated, complex and high quality services work for similar projects in the Los Angeles area, and DESIGN-BUILDER expressly warrants that the work to be performed by DESIGN-BUILDER pursuant to this Agreement shall be performed in accordance with that standard. DESIGN-BUILDER and its subcontractors further represent and warrant to CITY that it has all licenses, permits, qualifications and approvals of whatever nature which are legally required to practice its profession and to perform the services required by this Agreement, and that it shall keep all such licenses and approvals in effect during the term of this Agreement.

2. This contract is subject to the provisions of California Public Contracts Code § 6109, and DESIGN-BUILDER hereby offers and agrees that it shall be prohibited from performing work on this project with a subcontractor who is ineligible to perform work on the project pursuant to §§ 1777.1 or 1777.7 of the Labor Code.

C. COMPLIANCE WITH LAWS

In the performance of this Agreement, DESIGN-BUILDER shall abide by and conform to any and all applicable laws of the United States, the State of California, County of Los Angeles and the City Municipal Code inexistence at the time of execution of this Agreement. DESIGN-BUILDER warrants that all work done under this Agreement will be in strict compliance with all applicable safety rules, laws, statutes, ordinances, regulations and practices inexistence at the time of execution of this Agreement. Where approval of DESIGN-BUILDER's performance pursuant to this Agreement by CITY or other representatives of CITY is indicated, it is understood to be conceptual approval only and does not relieve DESIGN-BUILDER of responsibility for complying with all laws, codes and industry standards, or from liability for damages caused by negligent acts, errors, omissions, noncompliance with industry standards, or misconduct of DESIGN-BUILDER or its subcontractors.

SECTION 2. CITY'S RESPONSIBILITIES

A. INFORMATION CITY shall provide information regarding the requirements of the Senior Center, which set forth CITY's objectives, constraints, and project design criteria. CITY shall furnish the required information and services and shall render approvals and decisions as expeditiously as is reasonably necessary for the orderly progress of DESIGN-BUILDER's services.

B. CITY's Representative, designated in **Section 7** herein, shall be fully acquainted with the Senior Center Project, and have authority to review and approve changes in the scope of the project, subject to final approval by CITY.

C. CITY shall provide to DESIGN-BUILDER the as-built drawings for City Hall and the Library and preliminary geotechnical report.

D. City shall be responsible for the cost of and issuance of grading and building permits and related inspections for code compliance.

SECTION 3. SCHEDULE AND PROGRESS OF SERVICES; TIME OF PERFORMANCE

A. SCHEDULE OF SERVICES DESIGN-BUILDER shall perform the Services in a prompt and timely manner which will allow the satisfactory completion of the Project within the time schedule required by CITY, as set forth in **Exhibit D SCHEDULE,** attached hereto. The schedule outlined identifies the key phases (Phase 1, Phase 2, Phase 3a and Phase 3b), milestones, meetings and review periods and is agreed between the parties to be the Schedule of Performance of the work to be performed under this Agreement.

DESIGN-BUILDER will adhere to the Schedule of Performance except in the event of acts of God or the public enemy, acts of the City, fire, floods, epidemics, quarantine restrictions, strikes, freight embargoes and unusually severe weather or delays of subcontractors due to such causes; provided, that the DESIGN-BUILDER shall, within ten (10) days from the beginning of any such delay notify the City's designated representative in writing of the causes of delay, who shall

ascertain the facts and the extent of delay, and his findings of the facts thereon shall be final and conclusive.

B. PROGRESS REPORTS DESIGN-BUILDER shall report monthly to CITY, through correspondence or progress reports, its progress in providing required Services within the scheduled time periods. CITY shall be promptly informed of all anticipated delays. In the event DESIGN-BUILDER determines that a Performance Schedule modification is necessary, the DESIGN-BUILDER shall promptly submit a revised schedule for approval by CITY.

C. DELAY BY MUTUAL AGREEMENT Performance of any Services under this Agreement may be delayed upon mutual written agreement of the Parties. Upon such agreement, DESIGN-BUILDER's schedule for completion of the tasks affected by such delay shall be extended as necessary by CITY. DESIGN-BUILDER shall take all reasonable steps to minimize delay in completion, and additional costs, resulting from such extension.

D. WEATHER

The parties contemplate that weather conditions will occur that will impact or suspend construction and the Parties agree that the schedule includes time to account for any reasonably anticipatable weather conditions, as defined in this paragraph. There will be no extensions in the schedule for un-anticipatable weather event(s). An un-anticipatable weather event is a weather event of more than one week or continuous weather events (sequential days of more than one week), which weather event(s) exceed the worst case for that weather condition during the prior 100 years. There shall be an non-compensable schedule extension for each day that such an un-anticipatable weather event actually delays the progress of the Project.

E. **DIFFERING SITE CONDITIONS.**

1. Concealed or latent physical conditions or subsurface conditions at the Site that (i) materially differ from the conditions indicated in the Contract Documents or (ii) are of an unusual nature, differing materially from the conditions ordinarily encountered and generally recognized as inherent in the Work are collectively referred to herein as "Differing Site Conditions." If DESIGN-BUILDER encounters a Differing Site Condition, DESIGN-BUILDER will be entitled to an adjustment in the Contract Price and/or Contract Time(s) to the extent DESIGN-BUILDER's cost and/or time of performance are adversely impacted by the Differing Site Condition.

2. Upon encountering a Differing Site Condition, DESIGN-BUILDER shall provide prompt written notice to CITY of such condition, which notice shall not be later than seven (7) days after such condition has been encountered. DESIGN-BUILDER shall, to the extent reasonably possible, provide such notice before the Differing Site Condition has been substantially disturbed or altered.

3. DESIGN-BUILDER shall give CITY prior notice of any actions it will take to address a Differing Site Condition.

F. **HAZARDOUS CONDITIONS.**

1. Unless otherwise expressly provided in the Contract Documents to be part of the Work, DESIGN-BUILDER is not responsible for any latent, pre-existing hazardous conditions encountered at the Site. Upon encountering any hazardous conditions, DESIGN-BUILDER will stop Work immediately in the affected area and duly notify CITY and, if required by law or regulation, all government or quasi-government entities with jurisdiction over the Project or Site.

2. Upon receiving notice of the presence of suspected hazardous conditions, CITY shall take the necessary measures required to ensure that the hazardous conditions are remediated or rendered harmless. Such necessary measures shall include CITY retaining qualified independent experts to (i) ascertain whether hazardous conditions have actually been encountered, and, if they have been encountered, (ii) prescribe the remedial measures that CITY must take either to remove the hazardous conditions or render the hazardous conditions harmless.

3. DESIGN-BUILDER shall be obligated to resume Work at the affected area of the Project only after CITY's expert provides it with written certification that (i) the hazardous conditions have been removed or rendered harmless and (ii) all necessary approvals have been obtained from all government and quasi-government entities having jurisdiction over the Project or Site.

4. DESIGN-BUILDER will be entitled, in accordance with these General Conditions of Contract, to an adjustment in its Contract Price and/or Contract Time(s) to the extent DESIGN-BUILDER's cost and/or time of performance have been adversely impacted by the presence of hazardous conditions. There will be no equitable adjustment if the work is stopped for less than 30 days as a result of the hazardous conditions.

5. To the fullest extent permitted by law, CITY shall indemnify, defend and hold harmless DESIGN-BUILDER, Design Consultants, Subcontractors, anyone employed directly or indirectly by any of them, and their officers, directors, employees and agents, from and against any and all claims, losses, damages, liabilities and expenses, including attorneys' fees and expenses, arising out of or resulting from the presence, removal or remediation of latent, pre-existing hazardous conditions at the Site.

6. Notwithstanding the preceding provisions of this section, CITY is not responsible for hazardous conditions introduced to the Site by DESIGN-BUILDER, Subcontractors or anyone for whose acts they may be liable. To the fullest extent permitted by law, DESIGN-BUILDER shall indemnify, defend and hold harmless CITY and CITY's officers, directors, employees and agents from and against all claims, losses, damages, liabilities and expenses, including attorneys' fees and expenses, arising out of or resulting from those hazardous conditions introduced to the Site by DESIGN-BUILDER, Subcontractors or anyone for whose acts they may be liable.

G. **DELAYS TO THE WORK.**

1. If DESIGN-BUILDER is delayed in the performance of the Work due to CITY's acts or omissions due to no fault of its own or those for whom DESIGN-BUILDER is responsible, the Contract Time(s) for performance shall be reasonably extended by Change Order. By way of example, events that will entitle DESIGN-BUILDER to an extension of the Contract Time(s) include acts or omissions of CITY or anyone under CITY's control (including separate contractors), changes in the Work, Differing Site Conditions, Hazardous Conditions. Weather Conditions are addressed separately above.

2. In addition to DESIGN-BUILDER's right to a time extension for those events set forth in the paragraph above, DESIGN-BUILDER shall also be entitled to an appropriate adjustment of the Contract Price for the CITY's acts or omissions.

H. **SUBSTANTIAL COMPLETION.**

1. Substantial Completion is the stage in the progress of the Work when the Work or portions designated by CITY is sufficiently complete in accordance with the Contract Documents so that Owner can occupy and fully utilize the Work for its intended use.

2. DESIGN-BUILDER shall notify CITY when it believes the Work, or to the extent permitted in the Contract Documents, a portion of the Work, is Substantially Complete. Within five (5) days of CITY's receipt of DESIGN-BUILDER's notice, CITY and DESIGN-BUILDER will jointly inspect such Work to verify that it is Substantially Complete in accordance with the requirements of the Contract Documents. If such Work is Substantially Complete, CITY shall prepare and issue a Certificate of Substantial Completion that will set forth (i) the date of Substantial Completion of the Work or portion thereof, (ii) the remaining items of Work that have to be completed before final payment, (iii) provisions (to the extent not already provided in the Contract Documents) establishing CITY's and DESIGN-BUILDER's responsibility for the Project's security, maintenance, utilities and insurance pending final payment, and (iv) an acknowledgment that warranties commence to run on the date of Substantial Completion, except as may otherwise be noted in the Certificate of Substantial Completion.

2. Upon Substantial Completion of the entire Work or, if applicable, any portion of the Work, CITY shall release to DESIGN-BUILDER all retained amounts relating, as applicable, to the entire Work or completed portion of the Work, less an amount equal to 125% of the reasonable value of all remaining or incomplete items of Work as noted in the Certificate of Substantial Completion, plus 125% of any claims regarding DESIGN-BUILDER.

3. CITY, at its option, may use a portion of the Work which has been determined to be Substantially Complete, provided, however, that (i) a Certificate of Substantial Completion has been issued for the portion of Work addressing the items set forth in this section, (ii) DESIGN-BUILDER and CITY have obtained the consent of their sureties and insurers, and to the extent applicable, the appropriate government authorities having jurisdiction over the Project, and (iii) CITY and DESIGN-BUILDER agree that CITY's use or occupancy will not interfere with DESIGN-BUILDER's completion of the remaining Work.

SECTION 4. INSPECTION AND CORRECTION

A. The CITY will conduct inspections for building code compliance and for geo-tech inspections. Apart from those CITY obligations, DESIGN-BUILDER has the sole responsibility for quality assurance. However, all materials, equipment and workmanship used in the Work shall be subject to inspection, testing or evaluation by the CITY at all times during construction and/or manufacture in accordance with the terms of the Contract Documents. Any such inspection other than for code compliance is for the sole benefit of CITY. Work and materials, and manufacture and preparation of materials, from beginning of construction until final completion and acceptance of the Work, shall be subject to inspection and rejection by the CITY, its agents, or independent contractors retained by the CITY to perform inspection services, or governmental agencies with jurisdictional interests. The DESIGN-BUILDER shall provide them proper and safe conditions for such access and advise them of the DESIGN-BUILDER's Site safety procedures and program so that they may comply therewith as applicable. Upon request or where specified, the CITY shall be afforded access for inspection at the source of supply, manufacture or assembly of any item of material or equipment, with reasonable accommodations supplied for making such inspections.

a) The DESIGN-BUILDER shall give the CITY forty-eight (48) hours prior notice of readiness of the Work for all required inspections, tests or approvals, and shall cooperate with inspection and testing personnel to facilitate required inspections or tests.

B. DESIGN-BUILDER shall, in accordance with its obligations to perform quality assurance, assume full responsibility for all inspections which are not the CITY's obligations, including arranging and obtaining such inspections, tests or approvals, and furnishing the CITY with the required certificates of inspection, or approval. The CITY retains the right to inspect, test and evaluate the Work without relieving the DESIGN-BUILDER of its obligations under this Contract. The CITY will pay the cost of initial testing. The DESIGN-BUILDER shall also be responsible for arranging and obtaining and shall pay all costs in connection with any inspections, tests or approvals required for the acceptance of materials or equipment to be incorporated in the Work, or of materials, mix designs, or equipment submitted for approval prior to the DESIGN-BUILDER's purchase thereof for incorporation in the Work. CITY reserves the right, at its sole cost and expense, and in its sole discretion, to conduct air monitoring, earth monitoring, work monitoring, and any other tests to monitor Contract requirements of safe and statutorily compliant work methods with respect to hazardous waste or materials under state and federal law upon completion of the Work, and compliance of the Work with periodic and final inspection by public and quasi-public entities having jurisdiction. In the event CITY elects to perform such activities and tests, DESIGN-BUILDER shall afford CITY access to the Site and all areas of the Work as may be necessary for the performance of such activities and tests. To the extent that the CITY's additional testing identifies non-conforming work by the DESIGN-BUILDER, DESIGN-BUILDER will reimburse the CITY for that testing.

C. If any Work (or the work of others) that is required to be inspected, tested or approved is covered by the DESIGN-BUILDER prior to such inspection, testing or approval, without written approval of CITY, it must, if requested by CITY, be uncovered. Uncovering Work shall be at DESIGN-BUILDER's expense unless the DESIGN-BUILDER has given the CITY timely

notice of DESIGN-BUILDER's intention to cover the same and the CITY has given its written approval of the covering of the Work prior to such inspection, testing or approval. If a portion of the Work has been covered, which is not required by the Contract Documents to be observed or inspected prior to it's being covered and which CITY's Representative has not specifically requested to observe prior to it's being covered, the CITY may request to see such Construction Work and it shall be uncovered and recovered by DESIGN-BUILDER. If such Work is in accordance with the Contract Documents, the costs of uncovering and recovering the Work shall be added to the Contract Price by Change Order; and if the uncovering and recovering of the Work delays the critical path of the Work on the Project, an appropriate adjustment of the Contract Time shall be made by Change Order. If such uncovered Work is not in accordance with the Contract Documents, the DESIGN-BUILDER shall pay such costs and shall not be entitled to an adjustment of the Contract Time or the Contract Price. In any case where the Work is covered contrary to the written request of the CITY, it must, if requested by the CITY, be uncovered for the CITY's observation or inspection at the DESIGN-BUILDER's expense.

D. Inspection of the Work by or on behalf of the CITY, or the CITY's failure to do so, shall not under any circumstances be deemed a waiver or approval of any non-conforming aspect of the Work. The DESIGN-BUILDER shall have an absolute duty, in the absence of a written Change Order signed by the CITY, to perform the Work in conformance with the Contract Documents and correct defective work promptly upon knowledge thereof.

E. Any inspection, evaluation, or test performed by or on behalf of the CITY relating to the Work is solely for the benefit of the CITY, and shall not be relied upon by the DESIGN-BUILDER. The DESIGN-BUILDER shall not be relieved of the obligation to perform the Work in accordance with the Contract Documents, nor relieved of any warranty, or other obligation, as a result of any inspections, evaluations, or tests performed by the CITY, whether or not such inspections, evaluations, or tests are permitted or required under the Contract Documents. The DESIGN-BUILDER shall be solely responsible for testing and inspecting Work already performed to determine whether such Work is in proper condition to receive later Work.

F. Correction of Defective Work

1. If the DESIGN-BUILDER fails to supply sufficient skilled workers, suitable materials or equipment, or to furnish or perform the Work in such a way that the completed Work will not conform to Contract Documents, the CITY may order the DESIGN-BUILDER to replace any Defective Work, or stop any portion of Work to permit the CITY (at the DESIGN-BUILDER's expense) to replace such Defective Work. The CITY is not obligated to exercise these rights for the benefit of the DESIGN-BUILDER or any other party.

2. If required by the CITY, the DESIGN-BUILDER shall promptly, as directed, either correct all Defective Work, whether or not fabricated, installed or completed, or, if the Work has been rejected by the CITY, remove it from the Site and replace it with Work that is not defective. The DESIGN-BUILDER shall pay all reasonable claims, costs, losses and damages caused by or resulting from such correction or removal (including but not limited to all costs of repair or replacement of work of others). Any extraordinary costs incurred in the examination, evaluation

and determination that such Defective Work should be corrected or removed and replaced will be the responsibility of the DESIGN-BUILDER. The DESIGN-BUILDER shall pay costs of re-inspection and re-testing. If the parties are unable to agree on the amount of an appropriate decrease in the Contract Price, the CITY may deduct from monies due or to become due the DESIGN-BUILDER all claims, costs, losses, and damages caused by or resulting from such correction or removal (including but not limited to all costs of repair or replacement of work of others) as well as all costs of the CITY incurred in exercising such rights and remedies (including, but not limited to, the costs incurred in the examination, evaluation and determination that such Defective Work should be corrected or removed and replaced). If the DESIGN-BUILDER disagrees with the CITY's calculation, it may make a claim as provided under the disputes provision.

3. If after giving the DESIGN-BUILDER the opportunity to repair, should it not do so, the CITY may accept defective Work: If, instead of requiring correction or removal and replacement of defective Work, the CITY prefers to accept it, the CITY may do so. The DESIGN-BUILDER shall pay all claims, costs, losses and damages attributable to the CITY's evaluation of and determination to accept such defective Work. If any such acceptance occurs prior to final payment, a change order will be issued incorporating the necessary revisions in the Contract Documents with respect to Work, unless the parties are unable to agree upon an appropriate decrease in the Contract Price, in which case the CITY may deduct from monies due or to become due to the DESIGN-BUILDER the amount of such claims, costs, losses (including diminution in value), damages, expenses and liabilities attributable to the acceptance of the defective work. If the Design Builder disagrees with the deduction, the DESIGN-BUILDER may make a Claim as provided in the disputes clause herein.

4. The CITY may correct Defective Work: If the DESIGN-BUILDER fails within five (5) Days after written notice from the CITY to begin to correct defective Work or to begin to remove and replace rejected Work as required by the CITY in accordance with this Agreement or to promptly provide a plan for correction of defective Work acceptable to the CITY, or if the DESIGN-BUILDER otherwise fails to perform the Work in accordance with Contract Documents, the CITY may, after seven (7) Days written notice to DESIGN-BUILDER, correct and remedy any deficiency. In connection with such corrective and remedial action, the CITY may exclude the DESIGN-BUILDER from all or part of the Site, take possession of all or part of the Work, and suspend DESIGN-BUILDER's work related thereto, take possession of all or part of the Design Builder's materials, tools, appliances, construction equipment and machinery at the Site, and incorporate in the Work any materials and equipment stored at the Site or for which the CITY has paid the DESIGN-BUILDER but which are stored elsewhere. DESIGN-BUILDER shall allow the CITY, its representatives, agents, employees, consultants and other contractors' access to the Site and materials to enable the CITY to exercise the rights and remedies under this paragraph.

G. All claims, costs, losses (including diminution in value), damages, expenses and liabilities incurred or sustained by the CITY in exercising such rights and remedies will be the responsibility of DESIGN-BUILDER and a change order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work and the Contract Price.

If the parties are unable to agree on the amount of an appropriate decrease in the Contract Price, the CITY may deduct from monies due or to become due to the DESIGN-BUILDER all claims, costs, losses (including diminution in value), expenses, damages and liabilities attributable to the Defective Work, including all costs of repair or replacement of work of others destroyed or damaged by correction, removal or replacement of the Design- Builder's Defective Work. If the DESIGN-BUILDER disagrees with the CITY's calculation, it may make a Claim as provided for in the Disputes clause herein.

H. The DESIGN-BUILDER's obligations under this Section are in addition to and not in limitation of any other part of this Agreement.

I. The DESIGN-BUILDER shall not be allowed an extension of the Contract Time (or any milestones) because of any delay in the performance of the Work attributable to the reasonable exercise by the CITY of its rights and remedies with regard to inspections, replacement of defective work or warranties.

J. Inspection shall not relieve the DESIGN-BUILDER of its obligation to have furnished material and workmanship in accordance with Contract Documents. Payment for work completed through periodic progress payments or otherwise shall not operate to waive the CITY's right to require full compliance with the Contract Documents and shall in no way be deemed as acceptance of the Work paid therefore. The DESIGN-BUILDER's obligation to complete the Work in accordance with the Contract Documents shall be absolute, unless the CITY agrees otherwise in writing.

SECTION 5. CHANGES TO THE CONTRACT PRICE AND TIME

A. Change Orders.

1. A Change Order is a written instrument issued after execution of the Agreement signed by CITY and DESIGN-BUILDER, stating their agreement upon all of the following:

1.1 The scope of the change in the Work;

1.2 The amount of the adjustment to the Contract Price; and

1.3 The extent of the adjustment to the Contract Time(s).

2. All changes in the Work authorized by applicable Change Order shall be performed under the applicable conditions of the Contract Documents. CITY and DESIGN-BUILDER shall negotiate in good faith and as expeditiously as possible the appropriate adjustments for such changes.

3. If CITY requests a proposal for a change in the Work from DESIGN-BUILDER and subsequently elects not to proceed with the change, a Change Order shall be issued to reimburse DESIGN-BUILDER for reasonable costs incurred for estimating services, design services and services involved in the preparation of proposed revisions to the Contract

Documents. In the event DESIGN-BUILDER performs additional work without a change order or Work Change Directive, it waives any claim for that work.

B. Work Change Directives.

1. A Work Change Directive is a written order prepared and signed by CITY directing a change in the Work prior to agreement on an adjustment in the Contract Price and/or the Contract Time(s).

2. CITY and DESIGN-BUILDER shall negotiate in good faith and as expeditiously as possible the appropriate adjustments for the Work Change Directive. Upon reaching an agreement, the parties shall prepare and execute an appropriate Change Order reflecting the terms of the agreement.

C. Minor Changes in the Work.

1. Minor changes in the Work do not involve an adjustment in the Contract Price and/or Contract Time(s) and do not materially and adversely affect the Work, including the design, quality, performance and workmanship required by the Contract Documents. DESIGN-BUILDER may make minor changes in the Work consistent with the intent of the Contract Documents, provided, however, that DESIGN-BUILDER shall promptly inform CITY, in writing, of any such changes and record such changes on the documents maintained by DESIGN-BUILDER.

D. Contract Price Adjustments.

1. The increase or decrease in Contract Price resulting from a change in the Work shall be determined by one or more of the following methods:

1.1 Unit prices set forth in the Agreement or as subsequently agreed to between the parties;

1.2 A mutually accepted lump sum, properly itemized and supported by all substantiating data necessary to permit evaluation by CITY;

1.3 Costs of the changed work plus overhead and profit of five percent (5%), plus applicable, fees and any other markups set forth in the Agreement; or

1.4 If an increase or decrease cannot be agreed to as set forth above, and CITY issues a Work Change Directive, the cost of the change of the Work shall be determined by the reasonable expense and savings in the performance of the Work resulting from the change, including a reasonable overhead and profit, as may be set forth in the Agreement.

2. If CITY and DESIGN-BUILDER disagree upon whether DESIGN-BUILDER is entitled to be paid for any services required by CITY, or if there are any other disagreements over the scope of Work or proposed changes to the Work, CITY and DESIGN-BUILDER shall resolve the disagreement pursuant to disputes provisions of this Agreement. DESIGN-BUILDER

shall proceed to perform the disputed services, conditioned upon CITY issuing a written order to DESIGN-BUILDER (i) directing DESIGN-BUILDER to proceed and (ii) specifying CITY's interpretation of the services that are to be performed. If this occurs, DESIGN-BUILDER shall be entitled to submit in its Applications for Payment which shall include a section setting forth DESIGN-BUILDER's costs for the disputed work and the CITY will pay the amount it believes is reasonably due to DESIGN-BUILDER if the work is deemed to be an increase in scope or changed scope. That payment will be a credit against any amounts which are eventually determined pursuant to the disputes clause or by change order to be due DESIGN-BUILDER. Any such payments would be made with the express understanding that (i) such payment by CITY does not prejudice CITY's right to argue that it has no responsibility to pay for such services and (ii) receipt of such payment by DESIGN-BUILDER does not prejudice DESIGN-BUILDER's right to seek full payment of the disputed services if Owner's order is deemed to be a change to the Work.

SECTION 6. WARRANTY

A. The undersigned warranties that all construction performed on this Project and all material and equipment incorporated therein meet specification, are of good condition and were properly constructed and installed. Without limitation of the term of the warranty or any other statutory rights CITY may have, DESIGN-BUILDER agrees that it shall at its sole cost, promptly return to the Project to perform the requested warranty work for a period of two (2) years following the date of Substantial Completion. Neither final payment nor use or occupancy of the Work performed by the DESIGN-BUILDER shall constitute an acceptance of Work not done in accordance with this Guarantee or relieve DESIGN-BUILDER of liability in respect to any express warranties or responsibilities for faulty materials or workmanship. Even though equipment, materials, or Work required to be provided under the Contract Documents have been inspected, accepted, and estimated for payment, DESIGN-BUILDER shall, at its own expense, replace or repair any such equipment, material, or Work found to be defective or otherwise not to comply with the requirements of the Contract Documents up to the end of the guaranty period. This warranty does not limit any warranties provided by manufacturers or fabricators. To the extent that DESIGN-BUILDER performs any warranty work, the warranty for that corrected or replaced work shall be extended by an additional one (1) year.

SECTION 7. PAYMENT AND COMPENSATION

A. PAYMENT

1. CITY shall pay for the Services rendered by DESIGN-BUILDER in accordance with the Payment Schedule set forth **in Exhibit A COMPENSATION**, hereto. This Agreement sets forth a not to exceed amount of $4,000,000.00 for the performance of the work set forth herein, which amount is exclusive of all federal, state, municipal or other political subdivision excise, sales, use, occupational or like taxes, and delivery charges incurred in connection with DESIGN-BUILDER's performance of the Services. In the event that the Services are not satisfactorily completed, CITY may withhold payment as set forth in the Payment Schedule, and CITY may use the withheld funds to offset any increased costs or damages incurred by CITY as a result of DESIGN-BUILDER's failure to complete the Work

satisfactorily or to ensure the satisfactory completion and/or operation of the Senior Center, provided such delays or damages are within the reasonable control of DESIGN-BUILDER. This Section shall not be construed to limit other remedies available to CITY.

2. CITY shall have the right to adjust the scope of the work either through value engineering or the addition of scope subject to the agreement of credit and/or compensation for the adjustment to the DESIGN-BUILDER.

3. This Agreement is subject to the provisions of Article 1.7 (commencing at Section 20104.50) of Division 2, Part 3 of the California Public Contract Code regarding prompt payment of DESIGN-BUILDER's by local governments. Article 1.7 mandates certain procedures for the payment of undisputed and properly submitted payment requests within 30 days after receipt, for the review of payment requests, for notice to the DESIGN-BUILDER of improper payment requests, and provides for the payment of interest on progress payment requests which are not timely made in accordance with this Article. This contract hereby incorporates the provisions of Article 1.7 as though fully set forth herein.

4. CITY may offset against any payment otherwise due an amount necessary to protect to the CITY's interests, including, but not limited to, amounts necessary to pay DESIGN-BUILDERs subcontractors or subconsultant's, amounts necessary to address breaches of this Agreement by DESIGN-BUILDER and amounts related to defective work.

B. UNAUTHORIZED WORK Work done in the absence of or without the knowledge of CITY or any work done without written authority from CITY, will be considered as unauthorized and at the expense of DESIGN-BUILDER, and will not be paid for by CITY.

C. LIQUIDATED DAMAGES

1. DESIGN-BUILDER shall be responsible for ensuring that the Project is completed within the number of calendar days established by CITY and agreed to by DESIGN-BUILDER prior to commencement of the work, but and in no event later than as provided in Exhibit D Performance Schedule.

2. DESIGN-BUILDER shall pay to the CITY the amount of Five Hundred Dollars ($500.00) for each calendar days delay or fraction thereof in completing the work described herein or specified portion or as modified by CITY in approved change orders or by supplemental agreement of the Parties thereof in excess of the number of calendar days beyond the dates specified in this Agreement. CITY may deduct the sum of liquidated damages from any monies due or that may become due DESIGN-BUILDER; or if such monies are insufficient, DESIGN-BUILDER or its Surety shall pay to CITY any deficiency. The accrual of liquidated damages will terminate upon the date of Substantial Completion.

The liquidated damages specified herein do not include any penalties. DESIGN-BUILDER and CITY acknowledge that the amount of liquidated damages set forth herein represents a good faith estimate as to the actual potential damages CITY would incur as a result

of the late completion of the work, or portion thereof, described herein. The remedies specified herein are not exclusive, and are in addition to other non-delay related rights and remedies provided by law or stipulated under this Agreement.

3. Liquidated Damages shall not apply for delays which may result from causes beyond the control and without the fault or negligence of the DESIGN-BUILDER including, but not limited to, acts of the public enemy, acts of the Government, acts of God, acts of the City, fire, flood, epidemics or strikes but only to the extent those acts actually prevent DESIGN-BUILDER from completing the Work and subject to Section 3.D above.

D. WAIVER OF CONSEQUENTIAL DAMAGES

1. The City and Design-Builder waive any and all Claims against each other for consequential damages arising out of or relating to the Work. This mutual waiver includes, but is not limited to:

a. damages incurred by City for rental expenses, loss of use, income, profit, financing, business and reputation, and for loss of management or employee productivity or for the services of such persons; and

b. damages incurred by the Design-Builder for principal office expenses, including compensation of personnel stationed there, for losses of financing, business and reputation, and for loss of profit, except for profit arising directly from the Work.

This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination in accordance with Article 14. Nothing contained in this Section 6.D shall be deemed to preclude an award of liquidated damages, when applicable, in accordance with the requirements of Section 6C.

E. RETENTION OF RECORDS; AUDIT DESIGN-BUILDER shall maintain all books, documents, papers, accounting records, bid records, engineering and design documents, cost information, construction documentation and other evidence pertaining to the performance of the Agreement, for a period of no less than ten (10) years after CITY has accepted the Project as complete. Such documents include DESIGN-BUILDER shall make such materials available at its offices at all reasonable times during the Agreement period and thereafter in compliance with this section. CITY, or any other representative of the federal or state government authorized by law to do so, shall have access to any books, records, and documents of DESIGN-BUILDER that are pertinent to the Agreement for audits, examinations, excerpts and transactions. Copies thereof shall be furnished by DESIGN-BUILDER if requested. As part of those audit rights, CITY has the right to copies of any data files and the right to access the information thereon on the programs used to produce that information.

F. SUBSTITUTE SECURITIES To the extent applicable, at any time during the term of this Agreement, DESIGN-BUILDER may at its own expense, substitute securities equivalent to the amount withheld as retention (or the retained percentage) in accordance with Public Contract Code section 22300 and Payment Schedule outlined in Exhibit A. At the request

and expense of the DESIGN-BUILDER, securities equivalent to the amount withheld shall be deposited with the public agency, or with a state or federally chartered bank in this state as the escrow agent, who shall then pay those moneys to the DESIGN-BUILDER. Upon satisfactory completion of the contract, the securities shall be returned to the DESIGN-BUILDER.

SECTION 8. PROHIBITION AGAINST ASSIGNMENT

A. DESIGN-BUILDER shall not assign, sublet or transfer this Agreement or any rights under or interest in this Agreement without the express written consent of CITY, which may be withheld for any reason or for no reason at all, in CITY's sole discretion. Nothing contained herein shall prevent DESIGN-BUILDER from employing independent professional associates, sub-consultants and specialty DESIGN-BUILDERs as DESIGN-BUILDER may deem appropriate to assist in the performance of the Services hereunder, subject to the terms of this Agreement.

B. DESIGN-BUILDER'S RESPONSIBILITY FOR ITS SUB-CONSULTANTS If DESIGN-BUILDER subcontracts any of the Services to be performed under this Agreement, DESIGN-BUILDER shall be as fully responsible to CITY for the acts and omissions of DESIGN-BUILDER's sub-consultants and of the persons employed by its sub-consultants, as DESIGN-BUILDER is for the acts and omissions of persons directly employed by DESIGN-BUILDER. Nothing contained in this Agreement shall create any contractual relationship between any sub-consultant and CITY. DESIGN-BUILDER shall bind every sub-consultant by the terms of this Agreement applicable to DESIGN-BUILDER's Services unless specifically noted to the contrary in the subcontract in question and separately approved in writing by CITY. It shall be DESIGN-BUILDER's responsibility to confirm that each sub-consultant and specialty DESIGN-BUILDER meets the minimum insurance requirements specified herein below.

SECTION 9. STATUS OF DESIGN-BUILDER

A. INDEPENDENT DESIGN-BUILDER DESIGN-BUILDER is, and shall at all times remain as to CITY, a wholly independent DESIGN-BUILDER. DESIGN-BUILDER shall have no power to incur any debt, obligation, or liability on behalf of CITY or otherwise act on behalf of CITY as an agent. Neither CITY nor any of its agents shall have control over the conduct of DESIGN-BUILDER or any of DESIGN-BUILDER's employees, except as set forth in this Agreement. DESIGN-BUILDER shall not, at any time, or in any manner, represent that it or any of its agents or employees are in any manner agents or employees of CITY except as provided herein. DESIGN-BUILDER agrees to pay all required taxes on amounts paid to DESIGN-BUILDER under this Agreement, and to indemnify and hold CITY harmless from any and all taxes, assessments, penalties, and interest asserted against CITY by reason of the independent DESIGN-BUILDER relationship created by this Agreement. Nothing in this Agreement shall be construed to create a partnership or joint venture relationship between CITY and DESIGN-BUILDER, nor shall it be construed to create any form of contractual relationship between CITY and any of DESIGN-BUILDER's sub-contractors or suppliers.

B. WORKERS COMPENSATION

1. DESIGN-BUILDER shall fully comply with the workers' compensation law regarding DESIGN-BUILDER and DESIGN-BUILDER's employees. DESIGN-BUILDER further agrees to indemnify and hold CITY harmless from any failure of DESIGN-BUILDER to comply with applicable workers' compensation laws. CITY shall have the right to offset against the amount of any fees due to DESIGN-BUILDER under this Agreement any amount due to CITY from DESIGN-BUILDER as a result of DESIGN-BUILDER's failure to promptly pay to CITY any reimbursement or indemnification arising under this paragraph.

2. DESIGN-BUILDER shall take out and maintain, during the life of this contract, Worker's Compensation Insurance for all of DESIGN-BUILDER's employees employed at the site of improvement; and, if any work is sublet, DESIGN-BUILDER shall require their subcontractors to similarly to provide Worker's Compensation Insurance for all of the latter's employees, unless such employees are covered by the protection afforded by DESIGN-BUILDER. DESIGN-BUILDER and any of their subcontractors shall be required to provide City with a written statement acknowledging its obligation to secure payment of Worker's Compensation Insurance as required by Labor Code § 1861; to wit: 'I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.' If any class of employees engaged in work under this contract at the site of the Project is not protected under any Worker's Compensation law, DESIGN-BUILDER shall provide and shall cause each subcontractor to provide adequate insurance for the protection of employees not otherwise protected. DESIGN-BUILDER shall indemnify and hold harmless City for any damage resulting from failure of either DESIGN-BUILDER or any subcontractor to take out or maintain such insurance.

C. LABOR CODE COMPLIANCE; PREVAILING WAGES

1. DESIGN-BUILDER is alerted to the requirements of California Labor Code Sections 1720 and 1770 et seq., which would require the payment of prevailing wages, where the services or any portion thereof are determined to be a public work, as defined therein. Pursuant to Sections 1770 and 1773 of the California Labor Code, DESIGN-BUILDER shall pay not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations. Copies of such prevailing rate of per diem wages can be obtained from the California Department of Industrial Relations, Division of Labor Statistics & Research, or can be obtained through internet at www.dir.ca.gov. DESIGN-BUILDER shall post a copy of such determination at each job site. DESIGN-BUILDER shall defend, indemnify, and hold harmless CITY, its officers, employees, consultants and agents from any claim or liability, including without limitation, penalties, interest and/or attorneys' fees,

arising from any failure or alleged failure of DESIGN-BUILDER to comply with the requirements of State law, the California Labor Code, and California Labor Code Sections 1720 and 1770 et seq. in connection with DESIGN-BUILDER's performance of the Services.

2. Pursuant to Labor Code § 1776, DESIGN-BUILDER and each subcontractor shall keep accurate payroll records, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by him or her in connection with the public work. Each payroll record shall contain or be verified by a written declaration that it is made under penalty of perjury, stating both of the following:

(a) The information contained in the payroll record is true and correct.

(b) The employer has complied with the requirements of Labor Code §§ 1771, 1811, and 1815 for any work performed by his or her employees on the public works project.

The payroll records enumerated under this section (2) shall be verified and shall be available for inspection at all reasonable hours as required by Labor Code § 1776.

DESIGN-BUILDER shall strictly adhere to the provisions of the Labor Code regarding the 8-hour day and the 40-hour week, overtime, Saturday, Sunday and holiday work and nondiscrimination because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex or sexual orientation, except as provided in Section 12940 of the Government Code. Pursuant to the provisions of the Labor Code, eight hours' labor shall constitute a legal day's work. Work performed by the DESIGN-BUILDER's employees in excess of eight hours per day, and 40 hours during any one week, must include compensation for all hours worked in excess of eight hours per day, or 40 hours during any one week, at not less than one and one-half times the basic rate of pay. DESIGN-BUILDER shall forfeit as a penalty to City $25.00 or any greater penalty set forth in the Labor Code for each worker employed in the execution of the work by the DESIGN-BUILDER or by any subconsultant of DESIGN-BUILDER, for each Calendar Day during which such worker is required or permitted to work more than eight hours in one Calendar Day or more than 40 hours in any one calendar week in violation of the provisions of said Labor Code.

SECTION 10. DESIGNATED REPRESENTATIVES

A. CITY'S REPRESENTATIVE CITY designates Jeff Rubin, Director of Community Services, as its Representative under this Agreement.

B. DESIGN-BUILDER'S REPRESENTATIVE DESIGN-BUILDER designates its Project Executive, Brad Whitaker, as its Representative under this Agreement.

SECTION 11. COPIES OF MATERIALS; DELIVERABLES; OWNERSHIP OF DELIVERABLES

A. CITY shall have the right to obtain for its records copies of all materials, which may be prepared by DESIGN-BUILDER under this Agreement. CITY shall not be limited in any way in its use of such materials at any time, provided that any such use by CITY not within the purposes intended by this Agreement shall be at CITY's sole risk and provided that DESIGN-BUILDER shall be indemnified by CITY against any damages resulting from or arising out of such use, including the release of this material to third parties for a use not intended by this Agreement. DESIGN-BUILDER acknowledges that CITY is a public agency required under law to comply with the Public Records Act outlined in Government Code § 6250 et al. Nothing in this Agreement shall be interpreted to interfere, limit or otherwise reduce the obligations of CITY under the Public Records Act.

B. DESIGN-BUILDER shall cause all completed deliverables to conform to all applicable federal, state and local requirements. All original reports, models, data, notes, calculations, programming, estimates and other similar documents relating to the project ("deliverables") as herein required are the property of CITY, whether the work for which they are made be executed or not. All deliverables shall, upon payment in full for the services described in this Agreement, or relevant portion thereof, be furnished to and become the property of CITY. In the event this Agreement is terminated, all deliverables shall be delivered forthwith to CITY. DESIGN-BUILDER shall have the right to make copies of the deliverables for its records.

C. The Contract Documents, and all copies thereof, furnished to, or provided by, the DESIGN-BUILDER are and shall remain the property of the CITY. The CITY and the DESIGN-BUILDER explicitly agree that all materials and documents developed in the performance of this Contract are the property of the CITY. The CITY shall have unlimited rights, for the benefit of the CITY, in all engineering analysis, drawings, designs, specifications, notes and any other documentation and other Work developed in the performance of this Contract for the Project, including the right to re-use details of the design on any other CITY work at no additional cost to the CITY. The DESIGN-BUILDER agrees to, and hereby does, grant to the CITY a royalty-free license to all such data that the DESIGN-BUILDER may cover by copyright and to all designs as to which the DESIGN-BUILDER may assert any right or establish any claim to under the patent or copyright laws. The DESIGN-BUILDER, for a period up to ten (10) years from the date of Substantial Completion of the Project, agrees to furnish and to provide access to the originals or copies of all such materials immediately upon the request of the CITY. To the extent that the CITY reuses such documents for another project or terminates DESIGN-BUILDER for its convenience, the CITY will defend and indemnify DESIGN-BUILDER for any claims of any nature or amount which arises out of the completion of the Senior Center and for the re-use of those documents on another project, where DESIGN-BUILDER is not the design-builder or contractor.

1. DESIGN-BUILDER, its Subcontractors, and its Subconsultants, shall have the right, subject to the CITY's prior written approval for accuracy of representation and content, to include images or the likeness of the Project in any of its publications or

marketing materials. Any and all artwork, copy, posters, billboards, photographs, videotapes, audiotapes, systems designs, software, reports, diagrams, surveys, source codes or any original works of authorship created by DESIGN-BUILDER or its Subcontractors or designers in connection with services performed under this Contract shall be works for hire as defined under Title 17 of the United States Code, and all copyrights in such works are the property of the CITY. In the event that it is ever determined that any works created by DESIGN-BUILDER or its Subcontractors or designers under this Contract are not works for hire under U.S. law, DESIGN-BUILDER hereby assigns all copyrights to such works to the CITY. With the prior written approval of the CITY, DESIGN-BUILDER may retain and use copies of such works for reference and as documentation of its experience and capabilities.

SECTION 12. PROHIBITED INTERESTS

A. SOLICITATION DESIGN-BUILDER maintains and warrants that it has not employed nor retained any company or person, other than a bona fide employee working solely for DESIGN-BUILDER, to solicit or secure this Agreement. Further, DESIGN-BUILDER warrants that is has not paid nor has it agreed to pay any company or person, other than a bona fide employee working solely for DESIGN-BUILDER, any fee, commission, percentage, brokerage fee, gift or other consideration contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, CITY shall have the right to rescind this Agreement without liability or, at its discretion, to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

B. CONFLICT OF INTEREST

1. For the term of this Agreement, no member, officer or employee of CITY, during the term of his or her service with CITY, shall have any direct interest in this Agreement, or obtain any present or anticipated material benefit arising therefrom.

2. For the term of this Agreement, no member, officer or employee of **DESIGN-BUILDER has any interest and shall not acquire any interest, direct or indirect, or** obtain any present or anticipated material benefit from or in this Agreement, which would conflict in any manner with the performance of its Services hereunder. DESIGN-BUILDER further covenants that, in performance of this Agreement, no person having any such interest shall be employed by it. Furthermore, DESIGN-BUILDER shall avoid the appearance of having any interest, which would conflict in any manner with the performance of its Services pursuant to this Agreement.

3. DESIGN-BUILDER covenants not to give or receive any compensation, monetary or otherwise, to or from the ultimate vendor(s) of hardware or software to CITY as a result of the performance of this Agreement. DESIGN-BUILDER's covenant under this Section shall survive the termination of this Agreement.

C. CONFLICT OF EMPLOYMENT Employment by DESIGN-BUILDER of personnel on the payroll of CITY shall not be permitted in the performance of DESIGN-BUILDER's Services under this Agreement, even though such employment may occur outside of the employee's regular working hours or on weekends, holidays or vacation time. Further, the employment by DESIGN-BUILDER of personnel who have been on CITY's payroll within one (1) year prior to the date of execution of this Agreement, where this employment is caused by and or dependent upon DESIGN-BUILDER securing this or related agreements with CITY, is prohibited.

SECTION 13. EQUAL EMPLOYMENT OPPORTUNITY

DESIGN-BUILDER represents that it is an equal opportunity employer and it shall not discriminate against any employee or applicant for employment because of race, religion, color, national origin, ancestry, sex, sexual orientation, physical or mental disability, special disabled veteran status, marital status, age, or any other protected classification. These principles are to be applied by DESIGN-BUILDER in all employment practices including recruiting, hiring, transfers, promotions, training, compensation, benefits, layoffs and terminations. DESIGN-BUILDER agrees to comply with Title VII of the Civil Rights Act of 1964, as amended, the California Fair Employment Practices Act, the Americans with Disabilities Act of 1990, and any other applicable federal and state laws and regulations in effect or hereinafter enacted.

SECTION 14. PAYMENT AND PERFORMANCE BONDS

A. DESIGN-BUILDER will provide performance and payment bonds, in a form acceptable to CITY, with a Surety admitted to do business in the State of California. **The forms for Payment Bond and the Faithful Performance Bond are set forth in Exhibits E through F hereto.**

SECTION 15. TERMINATION

A. NOTICE CITY may, by giving seven (7) days' written notice to DESIGN-BUILDER, terminate this Agreement in whole or in part at any time. Such termination may be for CITY's convenience or because of DESIGN-BUILDER's failure to perform its duties and obligations under this Agreement, including, but not limited, to the failure of DESIGN-BUILDER to timely perform its Services.

B. DISCONTINUANCE OF SERVICES Upon receipt of written Notice of Termination, DESIGN-BUILDER shall immediately discontinue all affected services and shall, within seven (7) days of receipt of the Notice, unless otherwise directed by the Notice, deliver to CITY all materials prepared or accumulated by DESIGN-BUILDER in performance of the Services, whether completed or in progress.

C. EFFECT OF TERMINATION FOR CONVENIENCE CITY may terminate this Agreement in part or in whole at its discretion. Upon written notice of a termination of convenience, DESIGN-BUILDER shall promptly cease work on the terminated work and coordinate with CITY regarding the need for additional work DESIGN-BUILDER believes is

need to protect the already performed work. CITY shall pay DESIGN-BUILDER for the cost of the work which has been performed plus the work requested by CITY to protect the existing work, plus 15%. In the event of a termination of convenience of all remaining work, the amount due to DESIGN-BUILDER shall not exceed the percentage of the work completed by DESIGN-BUILDER multiplied by the total amount of the Agreement, including all fully executed change orders.

D. EFFECT OF TERMINATION FOR CAUSE If the termination is due to the failure of DESIGN-BUILDER to fulfill its obligations under this Agreement, DESIGN-BUILDER shall be compensated for those goods, equipment and services which have been completed and accepted by CITY, and which CITY determines, in its sole discretion, are useful and of value to CITY in completing its project. In such case, CITY may take over the work and prosecute the same to completion by contract or otherwise. Following discontinuance of the services, CITY may arrange for a meeting with DESIGN-BUILDER to determine what steps, if any, DESIGN-BUILDER can take to adequately fulfill its requirements under this Agreement. In its sole discretion, CITY's representative may propose an adjustment to the terms and conditions of the Agreement, including the contract price and Payment Schedule. Such contract adjustments, if accepted in writing by the parties, shall become binding on DESIGN-BUILDER and shall be performed as part of this Agreement. In the event of termination for cause, unless otherwise agreed to in writing by the Parties, this Agreement shall terminate immediately upon receipt of the Notice of Termination by DESIGN-BUILDER. Termination of this Agreement for cause may be considered by CITY in determining whether to enter into future agreements with DESIGN-BUILDER. Should there be a determination as a matter of law that any termination for cause was improper, the termination will be converted to one for convenience in accordance with the terms of this Agreement and no amounts will be do, except as provided therein.

E. CUMULATIVE REMEDIES The rights and remedies of the Parties provided in this Section are in addition to any other rights and remedies provided by law or elsewhere under this Agreement.

F. PROCUREMENT OF SIMILAR SERVICES In the event this Agreement is terminated in whole or in part, as provided by this Section, CITY may procure, upon such terms and in such a manner as it deems appropriate, services similar to those terminated.

G. WAIVERS DESIGN-BUILDER, in executing this Agreement, shall be deemed to have waived any and all claims for damages, which may otherwise arise from CITY's termination of this Agreement, for convenience or cause, except as provided herein.

H. TERMINATION BY DESIGN-BUILDER This Agreement may be terminated by DESIGN-BUILDER only upon CITY's failure to perform in accordance with the terms of this Agreement, and only upon ten (10) days' advance written notice. If DESIGN-BUILDER provides notice to CITY under this subsection, CITY may expedite the termination of this Agreement by providing written notice to DESIGN-BUILDER to terminate its services on a date certain. If termination occurs under this subsection, DESIGN-BUILDER shall be compensated for those services, which have been completed and accepted by CITY.

SECTION 16. INDEMNIFICATION

A. The parties agree that CITY, its officers, agents, employees and volunteers should, to the fullest extent permitted by law, be protected from any and all loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the parties intend the provisions of this indemnity provision to be interpreted and construed to provide the CITY with the fullest protection possible under the law. DESIGN-BUILDER acknowledges that CITY would not enter into this Agreement in the absence of DESIGN-BUILDER's commitment to indemnify and protect CITY as set forth herein.

B. To the fullest extent permitted by law, DESIGN-BUILDER shall indemnify, hold harmless, and defend CITY, its officers, agents, employees and volunteers from and against any and all claims, losses, costs and expenses for any damage due to death or injury to any person, including, but not limited to, physical, emotional or otherwise, and injury to any property arising out of or in connection with DESIGN-BUILDER's alleged negligence, recklessness or willful misconduct or other wrongful acts, errors or omissions of DESIGN-BUILDER or any of its officers, employees, servants, agents, or subcontractors, or anyone directly or indirectly employed by either DESIGN-BUILDER or its subcontractors, in the performance of this Agreement or its failure to comply with any of its obligations contained in this Agreement, except such loss or damage which is caused by the sole negligence, active negligence or willful misconduct of the CITY. Such costs and expenses shall include reasonable attorneys' fees due to counsel of CITY's choice, expert fees and all other expenses of litigation.

C. OFFSETS CITY shall have the right to offset against any compensation due DESIGN-BUILDER under this Agreement any amount due CITY from DESIGN-BUILDER as a result of DESIGN-BUILDER's failure to pay CITY promptly any indemnification arising under this Section 10 and any amount due CITY from DESIGN-BUILDER arising from DESIGN-BUILDER's failure either to (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

D. WAIVER OF STATUTORY IMMUNITY The obligations of DESIGN-BUILDER under this section are not limited by the provisions of any workers' compensation or similar statute. DESIGN-BUILDER expressly waives its statutory immunity under such statutes as to CITY, its officers, agents, employees and volunteers.

SECTION 17. SUBCONTRACTORS AND SUBCONSULTANTS

A. DESIGN-BUILDER shall provide CITY with copies of all subcontract bids. DESIGN-BUILDER agrees that all of the requirements of this Agreement shall be flowed down to its subcontracts, including, but not limited to, the insurance, indemnity and warranty requirements. DESIGN-BUILDER agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this section from each and every subcontractor or any other person or entity involved by, for, with or on behalf of DESIGN-BUILDER in the performance of this Agreement. If DESIGN-BUILDER fails to obtain such indemnity obligations from others, DESIGN-BUILDER agrees to indemnify, hold harmless and defend

CITY, its officers, agents, employees and volunteers from and against any and all claims, losses, costs and expenses for any damage due to death or injury to any person and injury to any property resulting from any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of DESIGN-BUILDER's subcontractors or any other person or entity involved by, for, with or on behalf of DESIGN-BUILDER in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees and administrative costs incurred by counsel of CITY's choice.

B. Every subcontract or subconsultant agreement will contain a provision that provides that upon the default of DESIGN-BUILDER, the CITY may, at its discretion, assign some or all of the subcontracts or subconsultant agreement's to itself or to any other person that it may use to complete the Senior Center project.

SECTION 18. DISPUTE RESOLUTION

A. COVENANT TO CONTINUE WORK During resolution of any dispute under this Section, DESIGN-BUILDER and CITY shall each continue to perform all of their respective obligations under this Agreement without interruption or slow-down. To the extent that the dispute is over the obligation to make any payments, any undisputed amounts shall be paid by CITY.

B. DISPUTED WORK In any case where DESIGN-BUILDER deems extra compensation is due for work or services not covered in this Agreement, or not ordered in writing by CITY as extra services, DESIGN-BUILDER shall immediately notify CITY in writing of its intention to make a claim for such extra compensation ("change order") as soon as practical, but in no event later than 3 working days after occurance of the event which it believes gave rise to a claim for extra compensation.

1. In the event that DESIGN-BUILDER becomes aware of events which will delay substantial completion of the Project, DESIGN-BUILDER shall within 5 days give written notice of an event of delay and describe the event. Within two weeks after giving written notice, DESIGN-BUILDER shall provide CITY with a written description of the actions it is taking to preserve the substantial completion date and if that is not possible, with an explanation of why maintaining substantial completion is not possible and with a new CPM schedule showing the earliest date at which substantial completion can be achieved. DESIGN-BUILDER may not make any claim for delay with regard to the periods of time where it has failed to timely provide notice or the follow-up information and such periods will be subject to liquidated damages.

C. RESOLUTION OF DISPUTES

1. Should any dispute arise respecting the value of any work omitted or of any work which DESIGN-BUILDER may be required to do, or respecting the amount of any payment to DESIGN-BUILDER during the performance of the Agreement, said dispute shall be decided with the CITY's Representative.

2. In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the DESIGN-BUILDER or subcontractor offers and agrees to assign to the awarding body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time the awarding body tenders final payment to the DESIGN-BUILDER, without further acknowledgment by the parties.

3. This contract is further subject to the provisions of Article 1.5 (commencing at Section 20104) of Division 2, Part 3 of the California Public Contract Code, which are incorporated by reference as though fully set forth herein

4. With regard to any dispute not subject to subparagraph 3 above, any disputes or claim between the parties related to this Agreement or the alleged breach thereof (hereinafter "dispute") the parties mutually understand and agree that they shall initially attempt to settle any such dispute, in order, as follows:

(A) Initially, within 30 days after the dispute arises, through direct discussions between designated representatives of the respective parties to this Agreement;

(B) In the event that the parties are unable to resolve any such dispute through such discussions, the parties further understand and agree that any such dispute shall then be subject to non-binding mediation, to be completed within 60 days thereafter. Unless the parties mutually agree otherwise, said mediation shall be in accordance with the Construction Industry Mediation Rules of the American Arbitration Association (hereinafter "AAA"), then currently in effect. The Request for Mediation shall be made concurrently with the filing of a Demand for Arbitration, however, in such event; mediation shall proceed in advance of arbitration. Request for mediation and arbitration shall be in writing to the other party and to the AAA. All arbitration proceedings shall be stayed pending the completion of mediation. The location of the mediation shall be in the County of Los Angeles. The administrative and mediator costs shall be shared pro-rata by all participating parties.

(C) In the event that mediation is unsuccessful, arbitration shall proceed, but shall be stayed for the 60 days immediately following the completion of mediation, or a longer or shorter period by agreement of the parties. Except upon written agreement between the parties to the contrary, in no event shall the demand for arbitration be made after the date when institution of legal or equitable proceedings based on such claim, dispute or other matter in question would be barred by the applicable statute of limitations. Arbitration, unless agreed to otherwise by the parties, shall be in accordance with the Construction Industry Arbitration Rules ("Rules') of the American Arbitration Association, then currently in effect. All such arbitrations shall be heard by a single arbitrator.

(D) All proceedings hereunder shall, unless the parties agree otherwise, be conducted in the County where the Project is being built, within the State of California.

(E) The award rendered by the arbitrator shall be final as to the parties and their successors, except as those rights of appeal reserved to the parties by operation of law. Judgment may be entered upon such award in accordance with applicable law in any court within the State of California having jurisdiction thereof. The Arbitrator shall have the power to award, if appropriate, declaratory relief, preliminary and permanent injunctive relief and compensatory damages. However, the Arbitrator shall **not** have the power to award or assess any punitive or exemplary damages. Any punitive or exemplary damages awarded or assessed as part of any arbitration award shall **not** be enforceable under this Agreement.

(F) The parties hereby acknowledge and agree that any arbitration arising out of or relating to this Agreement may include, by consolidation, joinder or in any other manner, other persons substantially involved in or affected by the claim, dispute or other matters in question which are the subject of the arbitration.

(G) Owner and Design/Builder agree that wherever possible contracts between Owner and its consultants for the Project, and between Design/Builder and Design/Builder's Consultants or Subcontractor for the Project, will contain provisions similar to those set forth in Subparagraph 12.4 above requiring consolidation, joinder or in any other manner to permit disposition of all claims, disputes and other matters relating to the Project so that complete relief is accorded in one arbitration proceeding if either Owner or Design/Builder so requests.

(H) This agreement to arbitrate and agreements to arbitrate with any additional person or persons shall be specifically enforceable under the prevailing arbitration law.

(I) DESIGN-BUILDER shall advance all administrative costs for the arbitration and the parties (including any joined parties) shall share the cost of the single arbitrator pro-rata. The arbitrator may re-allocate the costs of the arbitration, including all administrative and arbitrator costs, as part of the arbitrator's award.

SECTION 19. INSURANCE AND WAIVER OF SUBROGATION

DESIGN-BUILDER shall obtain and keep current, and shall require its subcontractors to obtain and keep current, at a minimum, insurance of the types and in the amounts and in the form reasonably satisfactory to CITY:

A. COMMERCIAL GENERAL LIABILITY INSURANCE DESIGN-BUILDER shall maintain occurrence version commercial general liability insurance or equivalent form with a combined single limit of not less than FIVE MILLION DOLLARS ($5,000,000.00) per occurrence. If such insurance contains a general aggregate limit, it shall apply separately to this Agreement or be no less than two (2) times the occurrence limit. Such insurance shall:

1. Be primary with respect to any insurance or self-insurance programs covering CITY, its officials, officers, employees, agents, consultants and volunteers; and

2. Contain standard separation of insureds provisions.

B. BUSINESS AUTOMOBILE LIABILITY INSURANCE DESIGN-BUILDER shall maintain business automobile liability insurance or equivalent form with a combined single limit of not less than ONE MILLION DOLLARS ($1,000,000.00) per occurrence. Such insurance shall include coverage for owned, hired and non-owned vehicles.

C. WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY and its subcontractors responsible for equipment installation, INSURANCE DESIGN-BUILDER shall maintain workers' compensation insurance with statutory limits and employers' liability insurance with limits of not less than ONE MILLION DOLLARS ($1,000,000.00) per accident for bodily injury or disease. DESIGN-BUILDER shall furnish CITY with properly executed Workers' Compensation certificate as provided hereto in Exhibit H Workers Compensation Insurance Certificate.

D. CERTIFICATES OF INSURANCE AND ENDORSEMENTS DESIGN-BUILDER shall, prior to commencement of services, furnish CITY with properly executed certificates of insurance and endorsements, as provided in Exhibit I Endorsements to Insurance Policy, which clearly evidence all insurance required under this Agreement and provide that such insurance shall not be canceled, allowed to expire or be materially reduced in coverage, except on thirty (30) days' prior written notice to CITY. In addition, DESIGN-BUILDER shall allow CITY to view, at any reasonable time upon three (3) business days' notice, full copies of any policy required hereunder. DESIGN-BUILDER shall make such policies available at the offices of CITY. CITY shall have the sole discretion to determine whether the certificates and endorsements presented comply with the provisions of this Agreement.

E. PROFESSIONAL ERRORS AND OMISSIONS INSURANCE DESIGN-BUILDER shall maintain coverage limits of not less than One Million Dollars ($1,000,000), coverage shall be renewed in the same amount for five years after completion of the Senior Center.

F. INSURANCE TO PROTECT PROJECT (BUILDER'S RISK INSURANCE) DESIGN-BUILDER shall purchase and maintain property insurance upon DESIGN-BUILDER's equipment, materials and supplies, which have not been accepted by CITY on the Project, for the full cost of replacement at the time of any loss. This insurance shall insure against loss from the perils of Fire, Extended Coverage, and shall include "All Risk" insurance for physical loss or damage including, without duplication of coverage, at least theft, vandalism, malicious mischief, transit, collapse, flood, earthquake, testing, and damage resulting from defective design, workmanship, or material ("Casualty"). In the event that all or any part of the Project shall be destroyed by Casualty, DESIGN-BUILDER shall put or rebuild the Project in a condition as nearly as practicable as comparable to the condition prior to such Casualty. To the extent a claim is made for wind, flooding or earthquake damage, CITY and DESIGN-BUILDER shall split the deductible equally (50/50) up to a maximum of $250,000.

G. ADDITIONAL INSUREDS The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming CITY and its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to CITY. DESIGN-BUILDER agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

H. SUBSTITUTE COVERAGE In the event that DESIGN-BUILDER does not provide continuous insurance coverage, CITY shall have the right, but not the obligation, to obtain the required insurance coverage at DESIGN-BUILDER's cost, and CITY may deduct all such costs from moneys CITY owes to DESIGN-BUILDER or from moneys which it subsequently owes DESIGN-BUILDER.

I. COVERAGE MAINTENANCE DESIGN-BUILDER shall replace certificates, policies and endorsements for any insurance expiring prior to completion of services under this

Agreement. Further, DESIGN-BUILDER shall maintain such insurance from the time services commence until services are completed and any applicable statute of limitations has expired, except as otherwise provided by this Agreement.

J. INSURER RATING The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A: VII in the latest edition of Best's Insurance Guide.

K. DEDUCTIBLES AND SELF-INSURANCE RETENTION Any deductibles or self-insured retention must be declared to and approved by CITY. At the option of CITY, either the insurer shall reduce or eliminate such deductibles or self-insured retention that pertains to CITY, its officers, officials, employees, agents, consultants and volunteers, or DESIGN-BUILDER shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

L. VERIFICATION OF COVERAGE DESIGN-BUILDER shall furnish CITY with original certificates and amendatory endorsements effecting coverage required by this Section.

The endorsements should be on forms provided by CITY or on other than CITY's forms provided those endorsements conform to CITY requirements. All certificates and endorsements are to be received and approved by CITY prior to DESIGN-BUILDER's commencement of the Services. CITY reserves the right to require complete, certified copies of all required insurance policies; including endorsements affecting the coverage's required by this Agreement at any time.

M. INSURANCE CITY does not, and shall not, waive any rights that it may possess against DESIGN-BUILDER because of the acceptance by CITY, or the deposit with CITY, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply whether or not any insurance policies apply to a claim, demand, damage, liability, loss, cost or expense.

N. SUBROGATION CITY and DESIGN-BUILDER waive all rights against each other, DESIGN-BUILDER's Consultants, Subcontractors and any of their respective employees or agents for damages caused by risks covered by insurance provided in this Section 18 to the extent they are covered by that insurance, except such rights as they may have to the proceeds of such insurance held by CITY and DESIGN-BUILDER as trustees. DESIGN-BUILDER shall require similar waivers from DESIGN-BUILDER's Consultants and Subcontractors, and shall require each of them to include similar waivers in their subcontracts and consulting agreements.

SECTION 20. MISCELLANEOUS

A. NON-WAIVER OF TERMS, RIGHTS AND REMEDIES Waiver by either Party of any one or more of the conditions of performance under this Agreement shall not be a waiver of any other condition of performance under this Agreement. In no event shall the making by CITY of any payment to DESIGN-BUILDER constitute or be construed as a waiver by CITY of any breach of covenant, or any default which may then exist on the part of DESIGN-

BUILDER, and the making of any such payment by CITY shall in no way impair or prejudice any right or remedy available to CITY with regard to such breach or default.

B. EXHIBITS; PRECEDENCE All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, this provisions of the Agreement shall prevail.

C. ENTIRE AGREEMENT This Agreement, and any other documents incorporated herein by specific reference, represents the entire and integrated agreement between DESIGN-BUILDER and CITY. This Agreement supersedes all prior oral or written negotiations, representations, or agreements. This Agreement may not be amended, nor any provision or breach hereof waived, except in a writing signed by the Parties which expressly refers to this Agreement.

D. COMPLIANCE WITH LAWS DESIGN-BUILDER shall comply with all applicable laws, ordinances, codes, and regulations of the federal, state, and local governments. DESIGN-BUILDER and its subcontractors.

E. DELEGATION OF CITY'S POWERS Nothing contained in this Agreement shall be construed as a delegation by CITY of its powers of inspection under all applicable codes, laws, ordinances and regulations, nor of its power to enforce compliance with the same.

F. NOTICES Any notices, bills, invoices, or reports required by this Agreement shall be given in writing and deemed received on (i) the day of delivery if delivered by hand or overnight courier service during the receiving Party's regular business hours or by facsimile before or during the receiving Party's regular business hours; or (ii) on the third business day following deposit in the United States mail, postage prepaid, to the addresses heretofore set forth in the Agreement, or to such other addresses as the Parties may, from time to time, designate in writing pursuant to the provisions of this Section. In addition, all notices must also be given by e-mail sent on the day of mailing or delivery.

If to City

City of Calabasas
Attention: Jeff Rubin
100 Civic Center Way
Calabasas, CA 91302
Telephone: (818) 224-1600
Facsimile: (818) 225- 7338

If to DESIGN-BUILDER:

Pankow
Attention: Brad Whitaker
199 S. Los Robles Ave #300
Pasadena, CA 91101
Telephone: (626) 304-1190
Facsimile: (626) 696-1782

With courtesy copy to:

Scott H. Howard, City Attorney
Colantuono & Levin, PC
300 South Grand Avenue, Suite 2700
Los Angeles, CA 90071-3137
(213) 542-5700
(213) 542-5710

G. HEADINGS The headings contained in this Agreement are for reference purposes only and shall not affect in any way the meaning or interpretation of this Agreement.

H. THIRD PARTY RIGHTS This Agreement shall not provide any third parties with any remedy, claim, liability, reimbursement, cause of action, or other right in excess of those existing without reference to this Agreement.

I. ATTORNEY'S FEES If either Party commences an action against the other Party arising out of or in connection with this Agreement, the prevailing Party in such litigation shall be entitled to have and recover from the losing party reasonable attorneys' fees, expenses and costs of suit.

J. COUNTERPARTS This Agreement may be executed in two (2) or more counterparts, each of which shall be deemed an original and all of which shall constitute one and the same instrument.

K. ASSIGNMENT This Agreement and all of the provisions hereof shall be binding upon and inure to the benefit of the Parties and its respective permitted successors and assigns, but neither this Agreement nor any of the rights, interests, or obligations hereunder shall be assigned by any Party without the prior written consent of the other Parties hereto. Any attempt by any Party to so assign this Agreement or any rights, duties, or obligations arising hereunder shall be void and of no effect.

L. TIME OF THE ESSENCE CITY has special reasons for prompt completion of the Project, which are set forth herein. Based on the reasons stated, time is of the essence for each and every provision of this Agreement.

M. CONSTRUCTION In this Agreement:

1. The terms "hereby" 'hereof," "hereto," "herein" "hereunder," and any similar terms, as used in this Agreement, refer to this Agreement;

2. Words of the masculine gender shall mean and include correlative words of the feminine and neuter genders and words importing the singular number shall mean and include the plural number and vice versa;

3. References to Sections, Exhibits, or Subsections without further identification of the document in which it is located are references to Sections of,

Exhibits to, or subsections of such Sections or Exhibits of this Agreement, as the case may be.

N. SEVERABILITY If any provision of this Agreement is prohibited by or held to be invalid under applicable law, such provision will be ineffective to the extent of such prohibition or invalidity, without invalidating the remaining provisions of this Agreement. Each provision in this Agreement shall be read and construed independently of the other provisions hereof. If any provision of this Agreement, as applied to any party or to any circumstances, is adjudged by a court to be invalid or unenforceable for any reason, such judgment shall in no way affect any other provision of this Agreement, the application of such provision in any other circumstances or to any other Party, or the validity or enforceability of this Agreement.

O. FURTHER ASSURANCES Each Party to this Agreement will execute and deliver such additional documents, and take such other action as may be required or reasonably requested, in order to carry out the terms of and give full effect to this Agreement.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date first written above.

DESIGN-BUILDER: DESIGN-BUILDER's Business Name: Pankow

_____
DESIGN-BUILDER's Sign Name, Title
DESIGN-BUILDER's License No.

Subscribed and sworn to this _____ day of _____, 2014.

NOTARY PUBLIC _____ (SEAL)

CITY:

_____ _____
Fred Gaines, Mayor Date
City of Calabasas

ATTESTED:

_____ _____
Maricela Hernandez, MMC, City Clerk Date
City of Calabasas

APPROVED AS TO FORM:

_____ _____
Scott H. Howard, City Attorney Date
City of Calabasas

EXHIBIT A
COMPENSATION

The CITY shall compensate the DESIGN-BUILDER for the total of the following three phases of work which shall not exceed the amount of $4,000,000.00:

1. Phase I, Concept Phase-10% Design, two concepts, cost estimate and timeline

Development of a design responsive to the project scope and budget, and preparation of floor plans, sections, elevations, renderings and site plans sufficient to describe the scale, character and relationship of the project. A statement of the project cost shall also be provided.

2. Phase II, Design Development Phase-50% Design, cost estimate, and detailed schedule

Architect/engineer (A/E) services in which the design progresses from the approved Concept phase to the Contract Document phase. In this phase, the A/E prepares working drawings and specifications to advance the design concept to a 50% level of completeness by architectural, civil, electrical, mechanical and structural disciplines. A detailed statement of the project cost shall also be provided.

3. Phase III, Final Design and Construction Phase-Circulation of final design through 90%, permits and construction.

In this phase, the design is progressed to 90% completion of construction documents and all necessary permits are obtained. The project is then constructed.

Phase I – Price	**$**_____
Phase II – Price	**$**_____
Phase III – Price	**$**_____
BUILDER'S RISK INS.	**$**_____

Total Lump Sum Price (Total All Phases) **$**_____

City of Calabasas

Senior Center Building Program

8/28/13
Updated 2/14/14

CITY OF CALABASAS SENIOR CENTER
EXECUTIVE SUMMARY

1. DEMOGRAPHICS

The City of Calabasas is home to just over 24,000 residents, and 8,207 (35%) of them are adults over the age of 50. They are the largest growing population, and increased 8% since the last US census. The age range of senior residents is as follows:

2010 Census Data, Population by Age and Zip Code

50 to 54 years	2,088	9.1%
55 to 59 years	1,869	8.1%
60 to 64 years	1,374	6.0%
65 to 69 years	985	4.3%
70 to 74 years	736	3.2%
75 to 79 years	521	2.3%
80 to 84 years	383	1.7%
85 years and older	278	1.2%

It is anticipated that over the next decade, the current demographic trend will continue, and seniors will comprise 40% of all residents. As such, the City of Calabasas has initiated efforts to support their vibrant, engaged and healthy lifestyle through a community services program known as the Savvy Seniors. Currently, over 1,000 seniors have signed up to participate in the program. With the development of a dedicated senior center, the number of program participants can be expected to grow.

2. CURRENT SERVICE DELIVERY

The Savvy Senior program is operated by the Community Services Department, who utilize programmatic space in three separate facilities: the Tennis and Swim Center, the Civic Center Library and DeAnza Park. There is currently no dedicated staff for the program, which is managed on a part time basis by a Facility Supervisor and a Recreation Coordinator. It is anticipated that the City will hire/dedicate one full time staff member to the program once a dedicated senior center has been completed.

The effective delivery of senior services is limited by the dispersed facilities, as well as lack of dedicated and specialized spaces for the program. The temporary availability of space requires significant set up and break-down time for room utilization. The lack of a main facility also limits social interaction, a key component to a strong senior center. To address these issues, as well as the popularity of the program, the City Council has initiated the development of a free standing center at the Civic Center.

3. BUDGET

The City Council has established a budget of four million dollars ($4,000,000) for the Design-Build contract, inclusive of soft costs architecture/engineering, outside agency permits, construction costs, signage, IT/media communications to meet the requirements of this building program and the additional scope of work.

4. BOUNDARIES AND DESCRIPTION OF THE SITE

The proposed site for the new senior center is the parking lot area directly to the rear of the Library and City Hall. There is an existing undeveloped pad of approximately 6,000sf surrounded by 24 parking stalls and a trash enclosure. Surrounding the site on three sides is a steep hillside which is slated for future restoration as an oak woodland in conjunction with the development of a future passive park on 19.5 acres.

The proposed site is located approximately 6ft above the Civic Center plaza, and is accessed by the terraced garden stairs or the elevator. The desired access point to the Senior Center is in alignment with the current improved walkway and stairwell; from there, patrons would need to cross the designated 26ft clear fire lane running immediately to the north of the site.

There is an existing central plant located to the immediate east of the terraced garden stairs that will ideally serve the new senior center.

5. BUILDING PROGRAM

A Senior Center Task Force consisting of two councilmembers and six residents, along with the City Manager and Director of Community Services have been authorized by the City Council to guide development of the new senior center facility. The Task Force initiated a series of activities in order to prepare a Building Program which provides a descriptive summary of special needs and best practices to be integrated into the final facility's design. The efforts consisted of the following:

A) A "benchmark" study of completed Senior Centers
B) A current space inventory
C) A community workshop to determine user goals and program preferences

The resulting Senior Center Building Program utilizes data from the above efforts, a 2009 City study entitled "Active Senior Adults: Preparing for the Future", and staff recommendations stemming from operation of the current Savvy Senior program. It includes the following:

1) The Vision and Goals for the Facility
2) Design Considerations
3) Desired physical spaces, their anticipated uses and utilization
4) Support needs

II. BENCHMARK STUDY

In January 2013, the Senior Center Task Force initiated visits to four local senior center facilities to observe operational and spatial characteristics worthy of note for inclusion into the design program for the Calabasas Senior Center. The following chart summarizes their observations:

LOCATION/ POPULATION	FACILITY SIZE	SENIOR POPULATION	DAILY USE	OBSERVATIONS
Simi Valley 125,500	22,000	37,648	300 to 500	Inviting open concept, entry experience warm and inviting, desk positioned for immediate greeting and view to social lounge beyond; good use of glass walls to allow for viewing of interior activities, active visual space, excellent use of natural lighting, ceiling glass; open feeling; classrooms have good exterior/interior views/links
Thousand Oaks 126,700	21,000	45,455	300 to 400	Large, modern, generous space, grand hallways, open space concept, rooms flowed well and supported strong social environment; welcoming, classrooms just doors on walls and no views inside
Moorpark 37,800	7,000	9,497	100	Small facility, but organized well off of a central lounge; dark walls and carpeting gave a dreary feeling, not enough windows/natural lighting
Camarillo 66,000	4,000	24,056	150	Uninviting, convalescent styled central lounge; utilitarian, drab finishes/surfaces; sparse, unattractive, not conducive to socialization
Calabasas 23,508	**8,980***	**8,207**	**200**	***Current Savvy Senior program accommodated in three City Facilities**

The consensus of the Senior Center Task Force was that the best senior centers had a layout which allowed visibility of activities, generating a desirable social feeling and making the space interesting, warm and inviting. The Task Force observed that key support components to these centers were liberal uses of glass, views towards outside areas, light colors and soft textured finishes, non-institutional furnishing, and smaller, more intimate seating arrangements. Multi-purpose rooms with good flexibility, sound control, natural lighting and ample storage worked best for users.

III. CURRENT SPACE INVENTORY

The City of Calabasas currently supports a daily program of activities for an average of 200 seniors in the utilization of the following primary facilities and rooms. These areas are in addition to classes held at off-site locations, as well as senior programs which are integrated into general fitness program offerings.

FACILITY	ROOM	SIZE	AVERAGE CLASS SIZE	WEEKLY USE	CLASS USE
Tennis and Swim Center	Fireside	700sf	25 to 30	2X	Card games, lectures
	Center Court Room	1,000sf	35 to 40	2X	Card games, lectures
	Exercise Room	600sf	30	1X	Fitness, yoga
De Anza Park	Multipurpose Room	1200sf	25 to 30	3X	Art, yoga
	Conf. Room	400sf	15	1X	Counseling, lectures
Library	Founders Hall	2,000sf	25 to 175	6X	Lectures, dance, fitness
	Multipurpose Room	1,000sf	25 to 30	4X	Photography, Zumba, lectures
	Technology Room	600sf	25	1X	
	Sr. Lounge	480sf	n/a	daily	
TOTALS		**8,980sf**		**495 to 1,450wk 100 to 300 day**	

While adequate physical space exists to operate a robust senior center program, many of the current spaces are not suited to the class activities. For example, nighttime art classes offered in the multi-purpose room at De Anza Park are hampered by the lack of adequate lighting, making paint colors difficult to distinguish in weak lighting. At the Tennis and Swim Center, use of the two large and poorly insulated multipurpose rooms are limited due to noise emanating from the adjacent corridor or room next door.

A small "lounge" area consisting of two rooms totaling 480sf has recently been established for seniors in the library. Subject to review by the Library Commission, this room may be converted in the future to classroom and lecture space once the senior center has been completed and a new lounge area serving as the "social hub" of senior programs has been constructed.

IV. CALABASAS SENIOR CENTER BUILDING PROGRAM

A. Vision and Goals

The ***mission*** of the Savvy Seniors program is to offer classes, activities and resources to support, enhance and encourage an active healthy lifestyle for active Calabasas seniors.

The ***vision*** of the Calabasas senior center is to be a vibrant, diverse and stimulating facility for the Savvy Seniors program.

The ***goals*** of the Senior Center are to:

- Match the Civic Center in style, proportion, details and materials.
- Seamlessly integrate into the campus;
- Provide spaces to gather, connect, learn and socialize;
- Serve as a social center for the broader senior community.
- Offer well designed areas meeting the physical challenges of seniors;
- House specialized classroom and features not available at other City facilities;
- Support an active mental and physical lifestyle.

B. Building Program Needs

The following is a narrative of ***required*** spaces in the Senior Center to accommodate the Savvy Senior Program:

a. Main Entry

The main entry should have a prominent façade easily visible from the existing plaza. This is the entry point to the building, and the location where a "first impression" of the facility is realized. The entry should be functional, have natural lighting, be sheltered from the weather and elements, and offer seating for up to six (6) persons. The entry should house a welcome counter for two (2), and be adjacent/open to the lounge. A private office space accommodating two (2) persons should be adjacent to the welcome desk. The area should have a prominent large message and display board at eye level.

b. Lounge/Cafe

This area should support socialization, and accommodate a social seating arrangement seating for 15 to 20 persons. It should house amenities such as a large screen TV, fireplace and storage of games and reading materials. There should be a small "café" station where beverages (coffee/juices/soda) and a light snack or dessert can be purchased. The space

should be easily visible from the main entry. It is ideally located in a "central area" to circulate through to other classes and activities.

c. Patio

An outdoor area supporting classes, games and recreational activities is highly desired. The patio should offer accommodations for up to 100 persons through a flexible wall arrangement and expansion of the multipurpose room. The patio should be shaded and have amenities such as a fire pit and barbeque and area for a ping pong table. It would be desirable if the space accommodated an area where instruction for classes such as outdoor cooking or gardening can be provided for a group of between 10 and 15 persons.

d. Arts and Crafts Room

This area should support a group of 15 to 25 persons in fine art instruction. The room will require two large sinks, stain resistant countertops, seamless easy clean flooring and floor drain, ample storage areas for crafts supplies and tall easels and deep open wall shelving. The area should have ample natural lighting. The teachers instruction area should be outfitted with IT/communication capabilities to permit projection.

e. Multipurpose Room

This room would accommodate large groups of 80 to 100 persons for activities such as theater performances, parties, dinners, yoga, dance classes, and Tai Chi. A small, low stage area should be provided for a band. It should be equipped with sound proof partitions to create smaller instructional rooms. It should have adjacent storage for tables, chairs, ping pong tables and games. Projection screen, projectors and wall mounted TV's should be available in every subdivided area. IT/Communications set up permitting video cameras capable of recording stage events is required. Each partitioned area should have counters and sinks.

f. Warming and Demonstration Kitchen

This area would be adjacent to the multi-purpose room and have two primary functions; to support food service events in the senior center and civic center complex, as well as cooking class instruction. The area should have a class facing preparation area, icemaker, large refrigerator and freezer storage, dishwasher, warming/baking ovens and a cooktop/grill with hood. The area should also have pantry space for food, utensils/plates and appliance storage. The teachers instruction area should be outfitted with IT/communication capabilities to permit projection to students.

g. Game Room

The area should accommodate 6 to 12 bridge sized tables and one table capable of seating 8 persons. There should be a small area for coffee consisting of a counter, sink, under counter refrigerator and overhead storage. A larger area should be provided for the storage of additional tables and chairs, cards, puzzles, chess and other similar games. There should be good lighting at each table. The room should be very quiet, and have excellent acoustic control. The area should be located adjacent to the main lounge, and could be designed to be an extension of that space.

h. Restrooms

The restrooms should be located so as to allow for access from the exterior of the building when the senior center is closed.

i. Sports Room

This room should have multiple large wall TV's capable of playing sports events and accommodate seating for 12 persons. There should be room for a billiards table and storage, as well as an area for darts.

The following is a narrative of **desired** spaces in the Senior Center to accommodate the Savvy Senior Program:

j. Multi Use Rooms

These rooms would be used to counsel individuals on matters of law, health, finances or other similar topics requiring a private setting. The rooms would have a simple desk and accommodate seating for up to 6 to 8 persons. The rooms should also be outfitted to permit them to be set up for computer instruction or use.

k. Outdoor Recreation

Outdoor areas should be outfitted for recreational activities such as bocce ball, horseshoes or a small putting green. These activities are ideally integrated into the patio space if room permits.

The following is a narrative of ***required*** support amenities to be provided in proportion to the final layout of required and desired spaces:

Specialty Design Features: The design should specifically address the diverse mental, physical, and sensory needs of a senior population.

Noise Reduction: All areas should be designed to limit reverberation and enhance a high degree of speech ineligibility, especially in learning spaces.

Circulation: As much as possible, the center should minimize long hallways and travel distances to and from spaces. Level changes due to uneven flooring materials should be minimized. Alcoves for bench style seating outside of the classrooms is desirable. Windows offering clear views of classroom activities should be provided.

Signage/Wayfinding: Strong color and tone contrasting should be utilized in identifying paths of travel and room entrances. Signage perpendicular to the path of travel should be incorporated to assist in room location. Windows offering clear views from circulating areas inside to classroom activities should be provided to assist patrons in identifying their desired destination.

Personal Needs: Single person accessible toilets, separate from the main restroom areas, should be considered at remote areas of the building for patrons who may have difficulty navigating long distances to reach the primary facilities.

Temperature Controls: Classrooms should have individual temperature controls to permit adjustment for class activities which generate heat, such as exercise, dancing, computers and kitchen demonstrations.

Green Development: The project should be designed to meet LEED Gold standards; the City will self-certify compliance.

Media Capability: The facility should have a compatible security system to the Civic Center Campus along with an access control system. All classrooms should offer drop down wall screens and video projection. All rooms and offices should be outfitted with data and cable connections (Time Warner/AT&T). All rooms should provide for amplified sound, well balanced throughout the room. Rooms should be outfitted for TV monitors connected back to a central IT system and cable to the City Hall studios and central computer room. A server/telecommunication room is required for the network and phone equipment, and it should be equipped with 24/7 AC and a dedicated power circuit.

(End)

1. PURPOSE

This document provides additional requirements for the design of the Calabasas Senior Center, and is complimentary to the 8/28/13 Building Program.

2. PROJECT APPROACH

The City has prepared a Building Program for the facility which is provided as an attachment to the draft Professional Services Agreement. The proposed center should include as many of the programmatic spaces as is possible within the site constraints and allotted budget for the Work. The City foresees the development of Concept Designs in Phase I to be an interactive process with the design professional and the City's Senior Task Force. The Task Force will advise on priority areas, spaces, room arrangements and site configurations. The concept and final design must incorporate all required performance standards identified in the Building Program and this Additional Scope of Work.

3. DESIGN REQUIREMENTS

The Design-Builder is responsible for advancing the design in accordance with an agreed upon schedule of activities that will be jointly developed with the City and made an attachment to the Design-Build Agreement.

In addition to the desired and required space listing and programmatic requirements of the Building Program, the new Senior Center shall incorporate the following:

3.1 General

- The Design-Builder will be responsible for the collection, assessment, agency coordination and verification of existing conditions.
- The Senior Center shall meet or exceed all ADA accessibility standards.
- The Senior Center shall be designed to meet the special needs of an aging senior population, and especially address safety concerns surrounding this population.
- Individual ADA toilets and toilet stalls shall be of sufficient size to permit a companion to assist a disabled patron.
- All design coordination, quality control and assurance reviews shall be the responsibility of the Design-Builder.
- The City shall have the opportunity to review, comment on and authorize the project to proceed forward at the following phases;
    - Concept Phase (10 %)
    - Design Development Phase (50%)
    - Final Design and Construction Phase (90%)

3.2 Reports

- The Design-Builder shall be responsible to conduct a site survey as they deem necessary to assure a coordinated design.

3.3 Site Requirements

- At least one public toilet accessible from the exterior of the Center shall be provided.
- A loading area to facilitate truck deliveries to the kitchen shall be provided.
- It is anticipated that the existing central plant will service the new Senior Center either in part or in full. All connections to the central plant are part of the Work, and shall be concealed from public view.

3.4 Geotechnical

- The City shall retain the services of Geodynamics, Inc. as the City's consultant during the course of the project. The Design-Builder shall be responsible for designing the project to comply with the recommendations of the City's Geotechnical Consultant, Geodynamics, Inc., as contained within the July 2013 Preliminary Geotechnical Report.
- Additional site investigations deemed necessary by the Design-Builder will be undertaken at their cost.

3.5 HVAC

- The HVAC system should be capable of permitting individual controls in occupied areas of the Senior Center.
- The Center should be capable of being monitored through the engineering BMS computer system. During building commissioning, the BMS system should be upgraded to the current version.
- The kitchen shall be provided with a separate HVAC system.
- If an IT/computer room is provided, it shall have a separate HVAC system.

3.6 Lighting

- All exterior lighting shall meet the requirements of the City's Dark Skies ordinance and match current campus fixtures.
- All occupied areas should have ample natural lighting.
- Illumination of occupied areas should be ample and especially address senior residents with limited or impaired sight.

3.7 Low Voltage Systems

- The Design-Builder shall work with the City to design and develop a state of the art integrated technology, communications, audiovisual and security system comparable to that employed in the Civic Center campus. The following features integrated to the City's current media, phone, security and communications are desired:

- Local Area Network (LAN) as necessary to support general computing, building control systems and network interfaces, audiovisual systems interfaces and other related IP systems.
- Communication for voice, a public address system and cable television.
- The phone system shall be Voice Over Internet Protocol (VOIP).
- A security system consisting of video surveillance and access/perimeter controls compatible and integrated with the current campus system.
- Specialized amplification to all learning areas shall be provided to assist seniors with hearing impairments.

3.8 Furnishings, Fixtures and Equipment

- The City shall be responsible for the purchase and installation of all furnishings.
- All fixtures and equipment which is required to be hard wired, plumbed or physically attached to a wall or floor surface shall be part of the Work.

3.9 Landscaping

- The Design-Builder shall be responsible for the preparation of all physical areas for landscape work, including irrigation line stub outs. The City shall install the final landscaping and irrigation.
- All exterior irrigation shall be made with reclaimed water.
- A water line stub out for a fountain in the patio shall be part of the Work.
- A gas stub out for a future barbeque in the patio shall be provided.

3.10 Finishes

- The design shall incorporate similar architectural features and finishes to those found within the existing Civic Center campus. Examples include:
  - Wood trimming around doors and windows
  - Cast stone trimming around exterior doors and windows
  - Exterior cast stone wainscoting and base
  - Matching roof tiles
  - Matching metalwork handrails and ornamental ironwork
  - Ornamental tile detailing
  - Linoleum countertops and floors

3.11 Permits and CEQA

- The project shall comply with applicable state and City of Calabasas codes.
- The costs of permits for any agency outside of the City shall be the responsibility of the Design-Builder. The City will be responsible for costs associated with permits issued by them.
- The City shall take responsibility for the CEQA review and project determination.

3.12 Operations and Maintenance

- A room with a janitorial sink, shelving for supplies and an area large enough to house a garbage can and floor mop shall be provided on each floor of the building.

4. CONSTRUCTION REQUIREMENTS

The Design-Builder shall incorporate the following requirements and considerations during the construction phase of the project:

4.1 General

- The Design-Builders Work shall include the full cost of site engineering, constructability, services, labor, equipment, materials and supplies and temporary utilities as required for a fully operational Senior Center.
- Coordination and supervision of the Work is the responsibility of the Design-Builder.
- The Design-Builder shall abide by City Ordinance 8.12.040 and shall require all employees and contractors to abide by the ordinance and designate the construction site as smoke free.
- The Design-Builder shall require all employees and subcontractors providing services on the site to park in City designated locations along Calabasas Road. No employee parking will be permitted in the Calabasas Commons, Hilton Garden Inn, Kilroy Complex, Park Sorrento Street or Civic Center Way.

4.2 Mobilization

- On site offices, temporary power/utilities and restrooms are part of the Work.
- The Design Builder shall take care to protect the existing two oak trees located in the project site area. Orange protective safety fencing shall be installed and maintained around the drip line of the trees at all times. No materials shall be stored under the protected trees. Should excavations be required within the area of the drip line, the City shall provide an arborist to provide recommendations on protections during the work, and shall observe the work.
- The Design-Builder shall be responsible for maintaining accessibility to the fire lane at all times during construction, as well as any other requirements of the Los Angeles County Fire Department.
- Access for trash haulers to the existing trash enclosure located behind the Library/Founders Hall shall be provided at all times during Construction.
- The existing site lighting should be removed, protected and reinstalled.
- The City will box and remove the existing sycamore tree in the project site area; all other site grubbing as required will be the responsibility of the Design-Builder.
- Temporary construction signage identifying the name of the project, a rendering, name of the Design-Build team and other similar credits shall be erected at a suitable location to inform the public.

- The staging area shall be fully fenced and approved by the City and not impede access to the Library or City Hall at any time.

4.3 Construction Services

- The City shall take responsibility for building and grading code inspections; specialty inspections to be performed by a deputized inspector shall be the responsibility of the Design-Builder.
- Quality assurance testing and compliance shall be the responsibility of the Design-Builder.
- During the course of construction, the Contractor shall hold a weekly progress meeting to update the City on the progress of the work and coordinate necessary activities.
- At substantial completion, the City shall perform a walk through inspection and provide a listing of incomplete activities or deficient Work to the Design-Builder for correction prior to Occupancy.
- The Design-Builder shall prepare and submit As-Built Drawings, Operations and maintenance manuals and Warrantees to the City at the time of Occupancy.

4.4 Substantial Completion

- The Design-Builder shall cooperate with the City in allowing access of the site to other City contractors for the purpose of completing the work.
- The City shall coordinate with the Design-Builder to identify a "punch list" of incomplete items or deficient work to be completed or remedied prior to final inspection and acceptance of the work.

4.5 Final Inspection and Acceptance of the Work

- Upon completion of the City "punch list" and all other obligations, the Design-Builder shall make a written request for Final Acceptance. This includes:
    - The submittal of any warranties and guarantees
    - A complete set of operating and maintenance manuals
    - "As Built" Record Drawings
    - Extra stock and special tools
    - The delivery of a Notice of Completion in a form meeting all statutory requirements

(End)

EXHIBIT D

PERFORMANCE SCHEDULE

Phase	Days	Time Contingency Days	Total Days
Phase 1	85	30	115
Phase 2	119	30	149
Phase 3a	98	10	108
Permit	92	0	92
Phase 3b	306	60	366
Total	**700**	**130**	**830**

EXHIBIT E
PAYMENT BOND
CITY OF CALABASAS SENIOR CENTER
IN THE CITY OF CALABASAS, CALIFORNIA

WHEREAS, the City of Calabasas, as CITY has awarded to PANKOW, as DESIGN-BUILDER, a contract for the above-stated project;

AND WHEREAS, DESIGN-BUILDER is required to furnish a bond in connection with the contract, to secure the payment of claims of laborers, mechanics, material persons, and other persons as provided by law;

NOW THEREFORE, we, the undersigned DESIGN-BUILDER and SURETY, are held and firmly bound unto CITY in the sum of **[DESCRIBE VERBALLY; 100% OF TOTAL CONTRACT AMOUNT—TO BE INSERTED BY DESIGN-BUILDER]**Dollars ($) which is one hundred percent (100%) of the total contract amount for the above-stated project, for which payment will and truly to be made we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION IS SUCH that if DESIGN-BUILDER, its heirs, executors, administrators, successors, assigns or subcontractors, shall fail to pay any of the persons named in Civil Code Section 3181, or amounts due under the Unemployment Insurance Code with respect to work or labor withheld, and to pay over to the Employment Development Department from the wages of employees of the DESIGN-BUILDER and its subcontractors pursuant to Section 13020 of the Unemployment Insurance Code, with respect to such work and labor, that the surety or sureties herein will pay for the same in an amount not exceeding the sum specified in this bond, otherwise the above obligation shall be void. In case suit is brought upon this bond, SURETY will pay reasonable attorneys' fees to the plaintiffs and CITY in an amount to be fixed by the court.

This bond shall inure to the benefit to any of the persons named in Civil Code Section 3181 as to give a right of action to such persons or their assigns in any suit brought upon this bond.

The SURETY hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or the specifications accompanying it shall in any manner affect SURETY's obligations on this bond. The SURETY hereby waives notice of any such change, extension, alteration or addition and hereby waives the requirements of Section 2845 of the Civil Code as a condition precedent to any remedies CITY may have.

IN WITNESS WHEREOF the parties hereto have set their names, titles, hands, and seals this day of _____, 2014.

DESIGN-BUILDER* DESIGN-BUILDER's Signer's Name, Title

_____

DESIGN-BUILDER's Business Name: Pankow
199 S. Los Robles Ave #300
Pasadena, CA 91101
Telephone: (626) 304-1190
Facsimile: (626) 696-1782

Surety* _____

_____

_____

_____

*Provide DESIGN-BUILDER and SURETY name, address and telephone number and the name, title, address and telephone number for the respective authorized representatives. Power of Attorney must be attached.

Subscribed and sworn to this___ day of _____, 2014.

NOTARY PUBLIC .....
..... (SEAL)

(EXECUTE IN DUPLICATE)

EXHIBIT F
FAITHFUL PERFORMANCE BOND
CITY OF CALABASAS SENIOR CENTER
IN THE CITY OF CALABASAS, CALIFORNIA

KNOW ALL PERSONS BY THESE PRESENTS That PANKOW, hereinafter referred to as "DESIGN-BUILDER" as PRINCIPAL, and, a corporation duly organized and doing business under and by virtue of the laws of the State of California and duly licensed for the purpose of making, guaranteeing, or becoming sole surety upon bonds or undertakings as Surety, are held and firmly bound unto the CITY OF CALABASAS, CALIFORNIA, hereinafter referred to as the "CITY" in the sum of **[DESCRIBE VERBALLY;** 100% **OF TOTAL CONTRACT AMOUNT—TO BE INSERTED BY DESIGN-BUILDER]**Dollars ($); which is one hundred percent (100%) of the total contract amount for the above stated project; lawful money of the United States of America for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, assigns and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH, that whereas DESIGN-BUILDER has been awarded and is about to enter into a Contract with CITY to perform all work required pursuant to the contract documents for the project entitled: CITY OF CALABASAS SENIOR CENTER CONTRACT, which Contract is by this reference incorporated herein, and is required by CITY to give this Bond in connection with the execution of the Contract.

NOW, THEREFORE, if DESIGN-BUILDER and his or her subcontractors shall well and truly do and perform all the covenants and obligations of the Contract on his or her part to be done and performed at the times and in the manner specified herein including compliance with all Contract specifications and quality requirements, then this obligation shall be null and void, otherwise it shall be and remain in full force and effect

PROVIDED, that any alterations in the work to be done, or in the material to be furnished, which may be made pursuant to the terms of the Contract, shall not in any way release DESIGN-BUILDER or the Surety thereunder, nor shall any extensions of time granted under the provisions of the Contract release either DESIGN-BUILDER or said Surety, and notice of such alterations of extensions of the Contract is hereby waived by said Surety.

In the event suit is brought upon this Bond by CITY and judgment is recovered, said Surety shall pay all costs incurred by CITY in such suit, including a reasonable attorney's fee to be fixed by the Court.

IN WITNESS WHEREOF the parties hereto have set their names, titles, hands, and seals this_____ day of _____, 2014

DESIGN-BUILDER* Name, Title of Signer _____

Pankow
199 S. Los Robles Ave #300
Pasadena, CA 91101
Telephone: (626) 304-1190
Facsimile: (626) 696-1782

Surety* _____

_____

_____

_____

*Provide DESIGN-BUILDER and SURETY name, address and telephone number and the name, title, address and telephone number for their respective authorized representatives. Power of Attorney must be attached.

Subscribed and sworn to this___ day of _____, 2014

NOTARY PUBLIC .....

..... (SEAL)

(EXECUTE IN DUPLICATE)

EXHIBIT G

WORKERS' COMPENSATION INSURANCE CERTIFICATE

The DESIGN-BUILDER shall execute the following form as required by the California Labor Code, Sections 1860 and 1861:

> I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

DATE: _____

PANKOW
(DESIGN-BUILDER)

By: _____
(Signature)

(Title)

Attest:
By:
(Signature)

(Title)

Note: See Section 7 Responsibility of the DESIGN-BUILDER, Paragraph 7-3 of the Standard Specifications for insurance carrier rating requirements.

EXHIBIT H
ENDORSEMENTS TO INSURANCE POLICY

Name of Insurance Company:

Policy Number:

Effective Date:
The following endorsements are hereby incorporated by reference into the attached Certificate of Insurance as though fully set forth thereon:

1. The naming of an additional insured as herein provided shall not affect any recovery to which such additional insured would be entitled under this policy if not named as such additional insured, and
2. The additional insured named herein shall not be held liable for any premium or expense of any nature on this policy or any extensions thereof, and
3. The additional insured named herein shall not by reason of being so named be considered a member of any mutual insurance company for any purpose whatsoever, and
4. The provisions of the policy will not be changed, suspended, canceled or otherwise terminated as to the interest of the additional insured named herein without first giving such additional insured twenty (20) days' written notice.
5. Any other insurance held by the additional insured shall not be required to contribute anything toward any loss or expense covered by the insurance, which is referred to by this certificate.
6. **The company provided insurance for this certificate is a company licensed to do business in the State of California with a Best's rating of A VIII or greater.**

It is agreed that the <u>City of Calabasas, its officers and employees,</u> are included as Additional Insureds under the contracts of insurance for which the Certificate of Insurance is given.

_____

_____

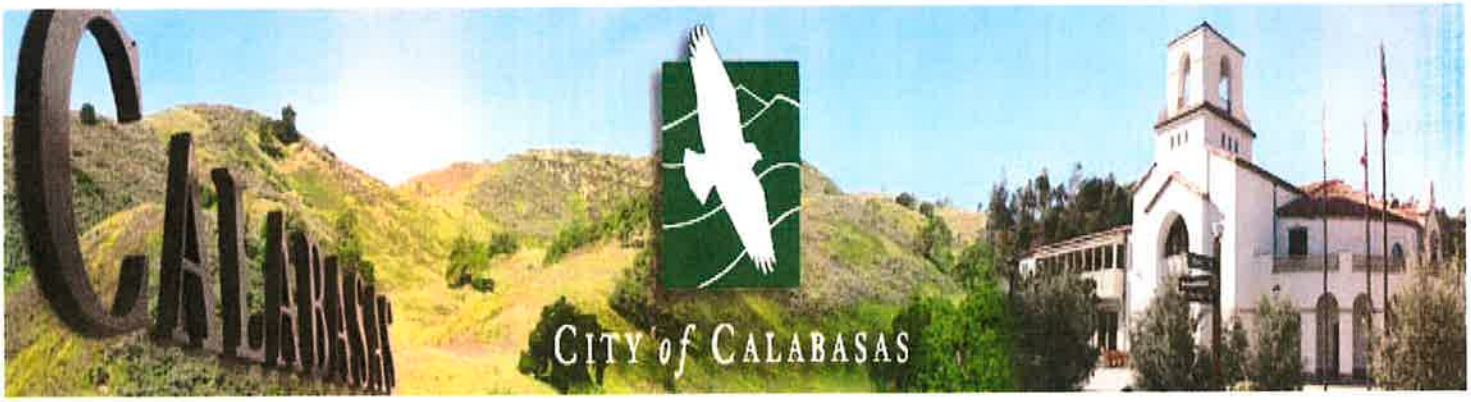
Authorized Insurance Agent

Date: _____

EXHIBIT I

PRELIMINARY GEOTECHNICAL REPORT

PROPOSED
SENIOR CENTER
CALABASAS CIVIC CENTER
CALABASAS, CALIFORNIA



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www.geodynamics-inc.com

GeoDynamics, Inc.
Applied Earth Sciences
Geotechnical Engineering & Engineering Geology Consultants

July 2013

July 10, 2013

Project No.: 05.00107.0008

Ms. Maureen Tamuri
Community Development Director
City of Calabasas
100 Civic Center Way
Calabasas, CA 91302

SUBJECT: Preliminary Geotechnical Update Report, Calabasas Civic Center, Park Centre and Park Sorrento, Calabasas, California.

Dear Ms. Tamuri,

GeoDynamics, Inc. (GDI) is pleased to submit this preliminary geotechnical update report for the proposed senior center at the Calabasas Civic Center, City of Calabasas, California. The scope of geotechnical activities performed for the preparation of this investigation is in substantial accordance with our proposal of March 26, 2013 and the terms of our agreements with the City of Calabasas, dated June 1, 2005.

GDI did not perform any subsurface explorations for the preparation of this report. Rather, we utilized geotechnical data from previous investigations at the site and immediate vicinity, and field observation during the grading and construction of the adjacent City Hall and Library. We found the site to be suitable from a geotechnical perspective for the proposed development. Preliminary geotechnical recommendations for the design and construction of the project are provided in this report. These recommendations should be revised and updated when building plans become available.

We appreciate the opportunity to have been of service to you on this project. If you have any questions regarding this report, please contact our office.

Respectfully submitted,
GEODYNAMICS, INC.

REGISTERED PROFESSIONAL ENGINEER
ALI H. ABDEL-HAQ
NO. 2308
EXP. 12-31-14
GEOTECHNICAL
STATE OF CALIFORNIA

Ali Abdel-Haq
GE 2308

Christopher J. Sexton
CEG 1441

Distribution: Addressee

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1. INTRODUCTION

1.1 Purpose and Authorization

We provide in this report a summary of the findings of Geodynamics, Inc.'s (GDI's) geotechnical update investigation performed for the proposed senior center in the City of Calabasas, California. The proposed development area is currently utilized as a parking area south of the existing City Hall and library. A Site Location Map is included as Figure 1.

The purpose of this report is to evaluate the existing geotechnical conditions relative to the proposed development, and to provide geotechnical recommendations for the design and construction of the project. The work performed for the preparation of this update report is in general accordance with the scope of work outlined in our proposal dated March 28, 2013, and our agreement with the City of Calabasas dated June 2013.

This update report is based on geotechnical data obtained during previous geotechnical explorations and grading activities within and in the immediate vicinity of the proposed development. No specific subsurface exploration was performed for the preparation of this report.

1.2 Scope of Services

The scope of our services performed at the site consisted of the following items:

- *Research/Site Reconnaissance:* Researched our archives for available geotechnical data pertinent to the site and performed a preliminary site reconnaissance to observe existing geotechnical conditions at the site. Geotechnical documents reviewed for the preparation of this report are referenced in the attached Appendix A. A summary of some of the geotechnical data including available logs of borings and trenches, and laboratory test results are attached in Appendix B. The attached Plate 1 – Geotechnical Map depicts the approximate location of all available and pertinent exploration points.
- *Geotechnical Analyses:* Performed engineering analyses based on the available geotechnical data to prepare recommendations for the design and construction of the project, including the need for overexcavation, foundation design, stability of adjacent slopes, drainage, and hardscape. Engineering analyses included an evaluation of the anticipated settlement associated with the recommended foundation system utilizing preliminary estimates of foundation loads. These analyses should be verified when final design foundation loads become available.
- *Report Preparation:* Prepared this report that presents a summary of our findings, available geotechnical data, and preliminary geotechnical recommendations for the design and construction of the project. The report includes

A compilation of some of the available geotechnical data including some of the most pertinent and readily available boring logs and laboratory test results;

- A discussion of earth materials at the site and encountered groundwater conditions;
- A discussion of seismicity at the site including a discussion of liquefaction potential and related hazards;
- Foundation recommendations with an estimate of settlement potential;
- Recommendations for slabs-on-grade;
- Geotechnical recommendations for retaining walls including earth pressure, passive earth resistance, and frictional resistance;
- Recommendations for mitigation of expansive soils conditions;
- Recommendations for temporary excavations and shoring design (if necessary); and
- Geotechnical recommendations for grading and fill placement.

- *Project Management:* Management of the project included coordination of the various tasks of the investigation, and project oversight to control the project budget and schedule.

1.3 Site Description

The site is located in the parking area south of the Calabasas City Hall in the City of Calabasas, California (see Site Location Map, Figure 1). The site currently consists of a flat asphalt parking lot. Bedrock cut slopes ascend from the southerly edges of the flat pad area inclined at 1.5:1 gradients. Just northeast of the proposed development, a section of the cut-slope has been replaced as an ascending, 43-foot high 1.5:1 (H:V) buttress fill slope. This slope lies outside the immediate area of the proposed development. The proposed structures will be constructed on the flat parking lot area and will be setback roughly fifty feet from the ascending slopes as indicated on the Conceptual Plan, Exhibit 1.

Access to the proposed development will be provided from the adjoining asphalt-paved parking lot area located northwest of the site off of Park Sorrento. The existing slopes are provided with 8-foot benches every 25 feet. Benches are paved with gunite drains that direct surface runoff to the toe of the slope and ultimately to a storm drain inlet located offsite.

1.4 Proposed Development

Our project understanding is based upon a review of the conceptual development plan (see Exhibit 1) and our discussion with the client. We understand that the senior center will be a two-story structure with an area of 6,000 ft^2 to 12,000 ft^2.

Detailed project plans or foundation loads are not currently available. However, for the purposes of this preliminary report, we assumed that the final development plans will not significantly differ from the draft architectural schematic design plans (conceptual plan in Exhibit 1) conveyed to us.

1.5 Previous Geotechnical Data

The subject site is part of the proposed commercial development of Tentative Tract 37824. Preliminary geotechnical investigations were performed by Kovacs-Byer and Associates, Inc. in the 1980's. Although basic structural information from these studies was utilized in subsequent studies by BYA, the actual logs from these studies are not available. Structural data as reported by BYA has been incorporated into the current evaluation where appropriate. It appears from the City's records and geotechnical reports that the subject site was graded circa 1990-1991. In 2001, Bing Yen & Associates, Inc. (BYA) performed a geotechnical investigation on the site of the adjacent Hilton Garden (BYA 2001), and issued an as-graded report in 2002 (BYA 2002). BYA also performed a geotechnical investigation in 2005 for the existing City Hall and Library (Civic Center; BYA 2005). The Civic Center was graded under the observation of GDI in 2007 (GDI 2007). The proposed development is part of the parking area of the Civic Center project. Geotechnical data from previous geotechnical investigations at the site and immediate vicinity were utilized for the preparation of this investigation. References for the previous geotechnical reports reviewed are listed in Appendix A.

2. GEOTECHNICAL SITE CONDITIONS

2.1 Regional Geology

The City of Calabasas is located on the north flank of the Santa Monica Mountains at the southwest corner of the San Fernando Valley, within the Transverse Ranges geomorphic province of California. Roughly east-west trending mountains and valleys that are experiencing compression via folding and faulting on thrust faults characterize the Transverse Ranges province. Bedrock exposed in the boring and trench excavations and on the cut slope consists of shale, siltstone, clayey siltstone, and sandstone assigned by Dibblee (1992) to the "Unnamed Shale and Sandstone" of Miocene age. Weber et. Al. (1984) assigns this bedrock to the Miocene-age Modelo Formation as do previous geotechnical consultants who investigated the site (Kovacs-Byer, 1985 and 1987). For consistency, bedrock encountered beneath the site is assigned to the Modelo Formation. Regional bedding attitudes show bedrock striking northwest and inclined to the northeast between about 45 to 75 degrees. The regional geologic setting is depicted on Figures 2 and 3 – Regional Geologic Map.

2.2 Faulting

The project site is located in a seismically active region of Southern California and lies within the range of influence of several fault systems that are considered active or potentially active. An active fault is defined by the State of California as a fault that has exhibited surface displacement within the Holocene period (within 11,000 years before present). A potentially active fault has exhibited displacement within the Pleistocene period (between 11,000 and 1.6 million years before present). Based upon analysis of the regional geology, including the California Geological Survey Earthquake Fault Database, there are approximately 42 active faults that have been mapped within 62 miles (100 kilometers) of the site, but none are known to traverse within the site area. Other active faults without surface expression (blind faults) are present in the region and may be locally present near the site.

2.3 Site Geologic Conditions

2.3.1 Site Geology

Based upon field mapping on the 1.5:1 (H:V) cut slope and logging of exploratory trenches and borings across the site, bedrock beneath the consists of interbedded siltstone, shale, and sandstone of the Miocene age Modelo Formation. The siltstone occurs in various shades of gray, dark reddish brown, orangish brown, and black, and commonly occurs with moderate to heavy oxidization (FeO2 staining) in the upper 5 to 10 feet. Locally clay coatings occur along bedding planes and as infillings along fracture surfaces. Siltstone units are generally thinly laminated to bedded, friable to moderately hard, interbedded with 6-inch shale and more commonly sandstone units, and moderately to highly fractured. The unoxidized siltstone typically was moderately hard to hard, and though slightly fractured, can be difficult to excavate. Shale bedrock is most commonly very dark gray to black, fissile, oxidized within the upper 5 feet, moderately hard to hard, and interbedded with one to two foot siltstone and sandstone units. Similar to the siltstone, unoxidized sections of the shale were darker in color, consistently exhibited overall better rock quality, and were relatively impermeable.

Based on the earlier work, we expect that much of the current development will occur over sandstone units. Sandstone units were generally pale yellow to greenish gray, massive to thickly bedded, very fine- to fine-grained, moderately to well cemented, and commonly interbedded with siltstone, clayey siltstones, and shale units.

The thickly-bedded sandstone beds are generally more resistant to weathering and can be traced laterally on the cut-slope. Thinly interbedded siltstones and fine-grained sandstones are less resistant and have developed a 3- to 6-inch thick soil horizon. Based on available geotechnical data from previous

geotechnical investigations at the site and the immediate vicinity, bedding commonly strikes between N67W to N80E and dips are steeply inclined to the southwest and northeast between 65 to 89 degrees. Previous interpretations of geologic structure by Kovacs-Byer show bedding inclined steeply to the northeast and southwest as a series of tight chevron folds and mapped anticlinal and synclinal fold axes trending roughly N65W. The Kovacs-Byer data is shown on Plate 1 and this information is in overall agreement with subsequent findings.

The California Division of Mines and Geology Seismic Hazards Map for the Calabasas Quadrangle include the slopes located south of the building pad to be subject to hazards associated with earthquake-induced landsliding. During our field exploration, there were not any landslides identified on the manufactured slopes adjacent to the building pad, nor were any landslides regionally mapped within the subject property. The 1.5:1 (H:V) slope may be subject to surficial erosion during periods of heavy rainfall and larger slumping features may develop if the slopes are not properly maintained.

2.3.2 Earth Materials

Artificial Fill (af) – Bedrock below the parking area is expected to be capped with approximately two feet of artificial fill placed during construction of the City Hall building and parking area. The fill is expected to consist of silty to clayey sand to sandy clay in varying shades of brown and gray derived from processing cut material from the onsite bedrock. This fill is expected to be present below the existing paving to a depth of about two feet, but is not depicted on the attached geotechnical map.

Bedrock (Tm) – Bedrock assigned to the Miocene-age Modelo Formation (Tm) is anticipated to be present at shallow depth below the existing parking lot. Bedrock consists of interbedded siltstone, clayey siltstone, shale, and sandstone that are weathered, iron-oxide stained, highly jointed in the upper 5 to 10 feet, generally moderately hard, to hard and unoxidized at depth. Based on the results of earlier work, we expect that much of the proposed development area will be underlain by sandstone.

Based on the earlier subsurface explorations and experience with grading in the immediate vicinity, we expect that most of the bedrock encountered should allow for conventional grading equipment for future excavations. Exposures that were more difficult to excavate occur within the unoxidized shale and siltstone horizons and these areas do exist at random locations throughout the site. These areas may require heavier equipment during future grading operations.

2.3.3 Groundwater

Past studies have documented a variety of seepages and groundwater levels in subsurface explorations. Based on this data, we expect that groundwater conditions in the area can vary substantially both over time and from one location to another in response to seasonal rainfall, irrigation, and land use. However, we currently do not anticipate that groundwater considerations to impact the proposed development.

3. GEOTECHNICAL DESIGN CONSIDERATIONS

3.1 SLOPE STABILITY

3.1.1 General

Slope stability analyses were previously performed on Section A-A' using the computer program XSTABLE (BYA 2005). Slope stability analyses considered a gross rotational type of failure, sliding along potentially weak bedding planes, and surficial failures. Slope stability analyses were performed under static and pseudo-static loading conditions. Relevant information from the previously published reports is included herein for completeness. Results of the analyses, including the computer output, are attached as Appendix D. Below are discussions (from BYA 2005 report) of the shear strength used, as well as results of the slope stability analyses performed.

3.1.2 Shear Strength Parameters

Shear strength parameters were obtained from current and previous (BYA 2002, KBA 1985 and 1987) geotechnical investigations at the site and immediate vicinity. Based upon available geotechnical data, KBA performed direct shear tests on several samples representing the underlying bedrock of Modelo Formation including shale, sandstone, siltstone, fill materials, and colluvium. In addition, a shale sample was repeatedly sheared along bedding to evaluate the residual shear strength of bedrock (KBA 1987). BYA also tested samples of siltstone and clayey siltstone obtained from the upper weathered bedrock. A plot of the test results is attached in Appendix D. A summary of the test results used in the slope stability analyses is provided below:

Table 3.1
Shear Strength Parameters Summary

Description	Cohesion (psf)	Angle of Internal Friction	Remarks
Cross Bedding (Bedrock)	900	29	Less than average values
Along Bedding	100	18	Residual (KBA 1987)
Compacted Fill	200	35	Ultimate

The fill shear strength parameters are estimated from previous tests by KBA on remolded bedrock samples (see attached results). Similar shear strength parameters are assumed for colluvial deposits.

3.1.3 Rotational Slope Stability

Slope stability analyses were previously performed by BYA (BYA 2005) to evaluate the potential for deep-seated rotational movement along a circular arc. Bishop's method of limiting equilibrium was used in the analyses. In addition, the rotational stability along a potentially weak bedding plane was also performed using residual shear strength parameters. Results of the analyses indicated factors of safety greater than 1.5 and 1.1 for static and pseudo-static loading conditions, respectively.

3.1.4 Translational Slope Stability

Due to the geologic structure at the southern slope, the potential for translational type of movement along weak bedding planes is considered low.

3.1.5 Surficial Slope Stability

The surficial slope stability of the existing 1½(h):1(v) cut/stabilization fill slope was evaluated assuming seepage is parallel to the slope face, and using a 4 ft saturated zone. A factor of safety greater than 1.5 was obtained from the analyses. Calculations are attached in Appendix D.

3.2 Seismic Considerations

3.2.1 General

The project site is located in a seismically active region of Southern California and lies within the range of influence of several fault systems that are considered active or potentially active. There is a significant potential that the site will experience moderate to strong ground shaking during the design life of the proposed development.

3.2.2 Surface Fault Rupture Hazard

No active or potentially active faults are mapped as underlying or trending toward the site, and the site is not located in an Earthquake Fault Zone (CDMG, 1995 and 1999). Therefore, the potential for surface fault rupture at the site during the design life of the project is considered low.

3.2.3 Ground Shaking Analysis

Earthquakes are measured in terms of magnitude, which is a quantitative measure of the strain energy released during an individual earthquake event. The ground shaking of an earthquake at a given site is measured in terms of intensity. One measure of how hard (intensity) an earthquake affects a particular site is peak ground acceleration. Estimating the potential ground shaking at a particular site requires knowledge of the faults surrounding the site, the magnitude of earthquakes that each fault can generate, and the attenuation or magnification of ground acceleration that may occur as seismic waves propagate from an earthquake hypocenter to a site. Mathematical attenuation relationships are used to model how the amplitudes of ground motions decrease with distance from the hypocenter.

Research of historical earthquake events that have occurred in the general study area and both a deterministic and probability evaluation of seismic parameters for potential on-site ground motion consideration can be readily performed today with computer databases and associated software. For this study, we used the USGS 2008 Deaggregation Interactive site to calculate the peak ground acceleration and magnitude earthquake. The ground motion that has a 10% chance of exceedance in a 50-year time period, i.e. a ground motion that has a 475-year average return period was considered in the analyses. The following table includes results of the analyses (see Appendix E for deaggregation results).

Prop. Of Exceedance	Return Period	PGA	Magnitude
10% in 50 years	475 years	0.37g	6.77

3.2.4 Building Code Design Parameters

The CBC provides a procedure for evaluating the seismic forces based on the ASCE-7 method. A Site Class "C" is assumed for the project area. Calculations of the 2010 CBC seismic design parameters, as well as design spectra are included in Appendix E.

3.2.5 Liquefaction

Within the proposed building area, bedrock is expected to be encountered at relatively shallow depth, below a thin veneer of engineered compacted fill. Hence, the potential for earthquake-induced liquefaction to adversely affect the site is considered low.

3.2.6 Tsunami and Seiche

Seiches are an oscillation of the surface of an inland body of water that varies in period from a few minutes to several hours. Seismic excitations can induce such oscillations. Tsunamis are large sea waves produced by submarine earthquakes or volcanic eruptions. Since the site is not located close to an inland body of water and is at an elevation sufficiently above sea level to be outside the zone of a tsunami runup, the risk of these two hazards is not pertinent to this site.

3.3 Expansive Soil

During the rough grading of the adjacent City Hall and Library, several expansion tests were performed using on-site materials, particularly upper grade materials (GDI 2007). Test results ranged between 59 and 146, but for the most part exceeded an expansion index of 80. These test results are consistent with expansion tests performed during previous investigations at the site and immediate vicinity by others (Kovacs 1985).

Highly oxidized materials and materials with high sulfide content are commonly encountered in the Modelo Formation and were encountered at the adjacent City Hall and Library site during previous subsurface explorations (BYA 2005). Such materials are typically highly expansive. Hence, on-site materials could potentially have significant variations in the expansion potential. This should be further evaluated at the end of grading based on additional testing of the expansion potential of finished grade materials. However, for preliminary foundation design, we assume finish grade materials within the proposed project area to be highly expansive, within the 91-130 expansion index range.

Expansive soils are soils that change volume when their moisture content changes. They expand when wetted and shrink when dried. The amount of expansion depends on the variation in moisture content, the expansion potential of soils, restraining pressure, and the thickness of the expansive soils subject to moisture variation. The higher the expansion index, the higher the risk of volumetric strain (expansion and shrinking) of subgrade soils. Expansion and shrinkage of subgrade soils can cause distress to slabs and lightly loaded foundations. Construction on expansive soils has an inherent risk that should be acknowledged and understood by the developer and property owner. Notwithstanding these concerns, mitigation measures may be considered to reduce the potential for adverse effects due to soil expansiveness. Mitigation measures include replacing highly expansive on-site materials with non-expensive import soils, and/or designing the foundations and slabs-on-grade for highly expansive soils. These recommendations are not intended or designed to completely eliminate the risk associated with construction on expansive soils. Rather, they are intended to reduce the risk associated with moisture fluctuation of subgrade soils due to weather. Our drainage & site maintenance recommendations as discussed in later sections are intended to further reduce the risk associated with soil expansiveness due to other factors such as broken pipes and poor drainage. However, when developments are constructed on highly expansive soils, the risk of damage resulting from severe or persistent high moisture condition (example: water pipe leak) can never be completely eliminated.

3.4 Settlement

Depth to bedrock is expected to be relatively shallow (about 2 ft or less) at the site. Foundations should be supported by the underlying bedrock, or a minimum of three feet of engineered compacted fill. Settlement of foundations supported on either of these materials due to static loads is expected to be minor, in the order of ½ inch, or less. Because of the dense nature of the underlying bedrock, hydrocollapse potential and the potential for seismic settlement are expected to be insignificant.

3.5 Corrosivity

Chemical tests were previously performed to evaluate the corrosivity potential of upper grade soils at the adjacent City Hall and Library site. A summary of test results is included below:

TEST	TEST RESULTS	CORROSIVITY POTENTIAL
Resistivity	600 Ohm-cm	Severely Corrosive
Soluble Sulfate	5,366 ppm	Severe
Soluble Chloride	374 ppm	None-Corrosive
pH	3.5	Mildly to None-Corrosive

Test results indicated the tested sample is severely corrosive to metals and concrete. Sulfide mineralization was also observed in bedrock. We expect finish grade materials within the proposed project area to be similar to the adjacent City Hall and library site. Hence, we recommend that Type V cement should be used for concrete in contact with soil, shale and siltstone. These conclusions may be verified during construction.

4. CONCLUSIONS & RECOMMENDATIONS

4.1 General

- Based on a review of available geotechnical data including the findings from previously performed field explorations, laboratory testing, and geotechnical engineering analyses, the proposed development is considered feasible from a geotechnical standpoint provided that our recommendations presented in this report are followed and incorporated in the design and construction of the project.
- Based on the available conceptual plan (see Exhibit 1), the proposed development will include the construction of an approximately 6,000 ft^2 to 12,000 ft^2 senior center building with associated improvements such as access and parking areas. We also understand that no subterranean parking is currently proposed. Hence, the proposed building may be supported by a shallow foundation system that extends into bedrock or a uniform layer of engineered compacted fill underlain by competent bedrock. Settlement of foundations supported by bedrock is expected to be insignificant.
- Based on a review of available geotechnical data supplemented by grading observation, the area of the proposed development is expected to be underlain by 2 ft (±) of compacted fill over bedrock of the Modelo Formation. The upper finish grade materials at the site are expected to have a wide range of expansion potential, with most being highly expansive. Mitigation measures are warranted to reduce the potential for differential expansion as discussed in later sections.
- Test results indicate on-site materials can be severely corrosive to metals and concrete. Type V cement should be used for concrete in contact with soil. Since the conclusion regarding the corrosion potential of on-site materials is based on one tested sample, we suggest performing additional corrosivity testing during grading to further evaluate and delineate the corrosion potential of earth materials at the site. We also recommend that a corrosion engineer be consulted to evaluate the corrosion potential of on-site materials on metals and to provide mitigation measures.
- Geotechnical recommendations presented in this report are preliminary and should be updated, and revised if necessary, when final development plans become available. At that time, additional geotechnical recommendations may be warranted.

4.2 Seismicity

The site proposed for development is located in a seismically active zone. The subject site, like any other site in the area, is expected to experience severe ground shaking in the future due to anticipated earthquakes. The CBC provides seismic design procedures as discussed in Section 3.2.4. However, the owner should discuss with the project structural engineer the adequacy of the CBC design in relation to what is considered as an acceptable risk for the project.

Liquefaction potential and related hazards at the site are considered low. Seismic settlement is anticipated to be insignificant.

4.3 Slope Stability

Slope stability analyses were previously performed on the existing slope to the south of the proposed development. Slope stability analyses indicate the existing slope has factors of safety above the City of Calabasas requirements. Based upon our field observation, the existing slope appears to be performing adequately. No significant surface erosion or sloughing was observed, with the exception of local areas of disturbed soils on the outer slope face due to rodent action. Our evaluation of the existing slope is based on available geotechnical data from current and previous investigations at the site and immediate vicinity, and review of regional geology.

It should be noted that the existing 1½(h):1(v) gradient cut slope at the site, like any other 1½(h):1(v) gradient slope, is generally more susceptible to surface erosion and sloughing than flatter-gradient slopes (example: 2(h):1(v) gradient). This is consistent with past observations of graded slopes at various sites. Geotechnical recommendations for slope maintenance are discussed in the Section 4.7.

4.4 Rock Hardness/Rippability

Grading the site is expected to involve minor grading of about 1-2 feet of cut/fill unless deeper excavation is required for utility installation and foundation excavation. Some of the cut and/or excavations are expected to be within previously placed fill areas. Hence, based on available data regarding existing geotechnical conditions at the site and proposed development, difficult excavation is not anticipated. However, the possibility of encountering local hard rock (example: unoxidized siltstone and shale horizons) that would require specialized excavation equipment (example: jack hammer) should not be totally precluded.

4.5 Temporary Excavations

All temporary excavations, including overexcavations and utility trench excavations should comply with OSHA, Cal OSHA and any other applicable regulatory agency requirements. Excavations deeper than 5 ft (if any) should be shored or laid back at a 3/4(h):1(v), or flatter to 10 ft below the adjacent grade. No surcharge loads should be placed, nor should equipment operate, within a setback distance from the top of excavation side slopes equal to the depth of excavations.

4.6 Site Preparation and Earthwork

4.6.1 General

Grading recommendations are presented in this section based on available grading plans. Additional geotechnical recommendations will be provided, if necessary, when the development plans for the project become available.

4.6.2 Clear & Grub

Within all construction and grading areas, all existing trees and root systems, vegetation, trash, and debris within the proposed development areas should be removed prior to the start of grading and construction. All existing utilities within the proposed development area (above ground and underground) should also be identified and removed as necessary. Remaining utilities, if any, should be discussed with the project geotechnical consultant and if necessary, additional geotechnical recommendations for grading may be provided.

4.6.3 Removal & Recompaction (Overexcavation)

The proposed development area is underlain by a thin veneer of engineered compacted fill and bedrock. Both are generally considered suitable materials for structural support. However, due to the variable and highly expansive nature of the underlying earth materials at the site, and the potential for encountering unoxidized potentially highly expansive bedrock at shallow depth, we recommend that a cap of engineered compacted fill be provided underneath slabs-on-grade. Having a cap of engineered compacted fill with similar engineering properties should provide several advantages including:

- Reduce the potential for differential expansion by providing relatively uniform materials.
- Facilitate excavation in bedrock for footings and utilities.
- Control the moisture content of upper soils; hence help to reduce the potential for expansion.

Building pad areas should be overexcavated to at least four (4) feet below the existing or proposed grade, or to competent bedrock, whichever is greater. Horizontally, overexcavation should extend at least 5 ft outside the outer limits of the building, or to a distance equal to the depth of overexcavation, whichever is greater. In paving and exterior slab areas (outside the previously graded and paved area), overexcavation to at least 2 feet below the existing grade should be performed.

After removals are performed as addressed above, and prior to placement of any fill, the bottom of removal areas should be observed, and tested if necessary, by the project geotechnical consultant. Local areas of soft/loose, disturbed, or weathered bedrock may be encountered. In this case, deeper removal may be required as determined by the project geotechnical consultant. Highly oxidized materials, if encountered, should be overexcavated to at least an additional 5 feet below the bottom of the excavation.

Voids and areas disturbed by removal of trees, utilities or other buried structures shall be overexcavated a minimum of 2 feet below the depth of disturbed soils into competent native materials, and replaced with compacted fill as described below (see Section 4.6.5)

4.6.4 Fill Materials

Fill materials should be free from organic matter, roots, rocks larger in size than 6 inches, and any other deleterious materials. We expect most of the excavated on-site materials will be suitable for use as backfill material, with the exception of oxidized materials (if encountered).

Because of the potential for significant variations in the expansion potential of on-site materials, excavated materials from the site should be thoroughly mixed with other less expansive on-site materials, prior to be used for backfilling. Highly expansive (EI greater than 90) and/or highly oxidized materials should not be used for structural backfill, unless further evaluated and approved by the project geotechnical consultant.

The need for import fill is not expected, but if any, should have non-expansive to low expansion potential (in the 0-50 expansion index range). If desired as an option to mitigate the adverse impact due to expansive soils, the upper 5 feet of on-site materials within the building area could be replaced with non-expansive soils. This option may require exporting on-site materials and importing non-expansive soils from outside. In any case, the source of import fill should be evaluated and tested as deemed necessary by the project geotechnical consultant prior to hauling to the site.

4.6.5 Fill Placement

The bottom of excavations, after all removals are completed as addressed above, should be scarified to about 12 inches, moisture conditioned to slightly above the optimum moisture content, and compacted to at least 90 percent of the maximum dry density as determined by ASTM D1557 (90% relative compaction).

Fill materials should be moisture conditioned to slightly above the optimum moisture content (2–4 percent over optimum), placed in thin layers not exceeding 8 inches of un-compacted thickness, and compacted to at least **90%** relative compaction. The upper 12 inches of fill subgrade in paving areas should be compacted to at least **95%** relative compaction.

4.6.6 Soil Shrinkage

Excavated materials are expected to shrink when backfilled and compacted as required above. Based on experience and limited data, we anticipate soil (fill) shrinkage to be between 10-15 percent. Bedrock may bulk between 0-5%. Compacted fill is expected to have insignificant bulking or shrinkage. These numbers are rough estimates. Additional field exploration and testing will be required to obtain estimates that are more accurate.

4.6.7 Utility Backfill

All exterior and interior trenches should be properly backfilled. Backfill materials should be similar in engineering characteristics to adjacent fill. Backfilled materials should be moisture conditioned to slightly above the optimum moisture content (2–4 percent above optimum), and compacted to at least 90% relative compaction (95% in the upper 1 foot if located within paving areas). The use of granular backfill materials such as sand or gravel, or sand jetting should not be allowed, unless approved by the project geotechnical consultant.

4.7 Slope Maintenance

A rigorous slope maintenance program should be adopted to maintain the existing cut and fill slopes. The following geotechnical recommendations should provide guidelines for maintenance of the slope:

- The slope should be landscaped. A landscape architect should be consulted for recommendations regarding the type of landscape to use on the slope that would help to reduce surface erosion and would need minimum amount of irrigation such as drought resistance plants. Trees with rooting systems that could severely disturb the outer slope materials should be avoided and/or removed.
- Moisture content of the slope outer face materials should be maintained, as practically as possible, close to the optimum throughout the year. Excessive watering or drying of the slope face must be avoided as much as possible. Irrigation systems should be turned off when significant rain is forecasted.
- Proper surface drainage should be maintained. The existing swales should be inspected and cleaned before winter. Any erosion around and underneath the swales should be repaired to prevent further undermining of the subgrade around the swales.
- Rodents help disturb shallow soil and surface drainage; therefore should be evicted. A vigorous vector control program shall be implemented.
- A debris collection basin at the toe of the slope should be installed to gather sloughed materials and to direct surface run-off to a positive drainage course. If a retaining wall is proposed at the toe of the slope, the wall should have a free board and a swale constructed behind it's top.

4.8 Site Maintenance

- Because of the potentially adverse effect of water infiltration to underlying soils, it is important that surface water be controlled in the project area. The site should be graded to provide positive drainage away from building foundations at a minimum gradient of 2 percent.
- To the extent possible, we recommend that an impermeable hardscape be placed around the building for that extends about 5 feet outside the building to further protect foundations from moisture fluctuation.
- We recommend the use of area drains to provide for drainage of confined areas. Gutters and downspouts should be installed to collect the roof surface water.
- All roof runoff should be collected and discharged into tightline (solid) piping that outlets directly to the street or storm drainage system. Under no circumstances shall water be allowed to pond adjacent to foundations and slabs.
- All plumbing should be maintained absolutely leak-free. Irrigation lines should be kept away from foundations, and should not be installed adjacent to building lines. Sprinklers or plumbing leaks should be immediately repaired.
- To the extent practicable, the practice of placing plumbing in the slab is discouraged.

- Landscaping close to buildings and slabs-on-grade should incorporate some method to prevent tree roots from spreading underneath foundations and slabs.
- Planters should not be built against foundations unless measures are implemented to prevent landscape water from getting into subgrade soils within foundation influence zones. Such measures may include a concrete barrier at the bottom of the planter that would collect water and divert it into an approved outlet away from the structures, slabs-on-grade and foundations.
- Proper drainage should be regularly checked and maintained. Any disturbance in the surface drainage system should be immediately repaired.

4.9 Foundations

4.9.1 General

The proposed buildings may be supported on spread and continuous shallow footings extending into engineered compacted fill or competent bedrock. As previously discussed, on-site materials could potentially be highly expansive in the 91-130 range. Unless the upper 5 feet of earth materials within the proposed construction area and 5 feet beyond are replaced with non-expansive soils, foundations and slabs-on-grade should be designed for highly expansive soils in the 91-130 EI range. The expansion potential of finish grade materials should be determined at the end of grading. Foundation design recommendations should be revised if higher expansion potential of finish grade materials is encountered.

4.9.2 Shallow Foundations

Shallow foundations in the form of isolated and continuous footings placed on a minimum of 3 feet of compacted fill underlain by bedrock, or on competent bedrock may be used for the support of the proposed buildings. Exterior and interior shallow foundations should be embedded a minimum of 27 and 24 inches, respectively below the lowest adjacent grade. The minimum width of footings should be 15 and 24 inches for continuous and spread footings, respectively.

Shallow foundations should be designed for a maximum allowable bearing capacity of 4,000 and 2,500 psf for footings embedded in competent bedrock and engineered fill, respectively. For the purpose of selecting bearing capacity value, foundation supported by less than 12 inches of compacted fill over competent bedrock may be treated as foundation supported on bedrock.

The above bearing capacity values may be increased by one third when transient loads such as wind and seismic loads are considered. Lateral loads on foundations may be resisted by friction at the base of the footing and passive earth pressure. The following allowable values for lateral resistance (no factor of safety used) should be used in the design of foundations:

Material Type	*Bedrock*	*Compacted fill*
Coefficient of Friction	0.5	0.45
Passive Equivalent Fluid Pressure	450 pcf	350 pcf

* The upper 12 inches of subgrade susceptible to weathering effects should be ignored from providing passive resistance.

Footing excavations should be square and level, and should be free from all sloughed and loose materials. Water should not be allowed to collect and pond inside footing excavations.

Continuous footings should be reinforced with a minimum of two #5 bars at the top and bottom (total of 4 bars), or per the structural recommendations, but not less than what is recommended above.

4.9.3 Settlement

Total static settlement is estimated not to exceed ½ inch. Differential settlement depends on foundation loads and compressibility of underlying materials. For similarly loaded footings, maximum differential settlement is not expected to exceed ¼ inch. Foundation excavation should be observed by the project geotechnical consultant or engineering geologist to verify the assumed quality of supporting materials. Seismic loads are anticipated to be insignificant. Settlement estimates should be verified when final foundation loads and plans become available.

The potential for hydroconsolidation and seismic settlement of foundations supported on bedrock or engineered compacted fill placed on competent bedrock is expected to be insignificant.

4.9.4 Floor Slabs

- Conventional slabs-on-grade may be used as floor slabs. Conventional slabs should be a minimum of 6 inches thick, and be reinforced with a minimum of #4 bars placed at 12 inches on center, in each direction (unless more stringent reinforcement requirements are specified by the project Structural Engineer). Conventional floor slabs should be provided with crack mitigation measures such as control joints as specified by the structural engineer. Finishing and curing of floor slabs should be performed per the American Concrete Institute (ACI). Adding excessive water to the concrete above the allowable limit increases the potential for shrinkage cracks and should be avoided.

- Post-tensioned slabs (PTS) may be used in lieu of conventional floor slabs. PTS should be designed by a structural engineer for highly expansive (E.I.=91-130) soil conditions and differential uplift due to differential expansion of subgrade soils. The structural engineer should determine the horizontal span distance and the distribution of load over the slab and the need for stiffening beams. The PTS should be designed using a recognized method such the Post-Tensioned Slab Institute. The following parameters may be assumed in the design of post-tensioned-slabs per the PTI method:

Site Coefficients	
Constant Soil Suction:	3.6 pf
Depth to Constant Soil Suction:	5 feet
Thornthwaite Index:	-20 inch/year
Design Parameters	
Expansion Index:	91-130
Center Lift (e_m):	5.5 feet
Edge Lift (e_m):	3.0 feet
Center Lift (Y_m):	2.5 inch
Edge Lift (Y_m):	0.75 inch
Differential Settlement:	2.5 inch

The above design values are for moisture variation due to climatic conditions only, and assume irrigation around the slab is controlled as discussed in other sections of this report. Improper irrigation and/or surface drainage may cause differential movement within the slab that exceeds the design values.

- Floor slabs considered sensitive to moisture should be underlain by a minimum of 4 inches of compacted sand, gravel, or CalTrans Class II aggregate base material. The bedding should then be covered with a minimum 10-mil thick polyethylene membrane (a minimum of 12 inches overlap), which in turn should be covered by a minimum of 2 inches of washed concrete sand.

- Deepened reinforced edges around the floor slabs should be considered to reduce the potential for water migration underneath the slab. We recommend using a deepened edge depth of 21 inches below the top of the slab. The deepened edge should be reinforced as recommended by the structural engineer.

- The above design recommendations for slab-on-grade represents the minimum requirements from a geotechnical standpoint. Final design should be per the structural engineer recommendations, but not less than the above values.

4.9.5 Exterior Slabs-on-Grade

- Exterior slabs such as walkways should be a minimum of 5 inches thick. The slabs should be reinforced with a minimum #3 bars at 12 inches on center, each direction. Reinforcement shall be supported on concrete chairs or other acceptable means of supporting the reinforcement in the center of the slab. "Hooking" or "pulling" of reinforcement during concrete placement is not an acceptable means of suspending reinforcement in the center of the slab.
- Crack control joints should be made at a maximum spacing of 8 feet, or per the structural engineer recommendations. Crack control joints should consist of a tooled joint, sawcut, or plastic or felt expansion joint placed within the fresh concrete. If sawcuts are utilized, these should be made to a depth of 1½ to 2 inches within 24 hours of concrete pouring. Finishing and curing of floor slabs should be performed per the American Concrete Institute (ACI). Adding excessive water to the concrete above the allowable limit increases the potential for shrinkage cracks; therefore should be avoided.
- Deepened reinforced edges around the floor slabs should be considered to reduce the potential for water migration underneath the slab. We recommend using a deepened edge depth of 21 inches below the top of the slab. The deepened edge should be reinforced as recommended by the structural engineer.

4.9.6 Subgrade Pre-Saturation

Subgrade soils in the foundation and slab-on-grade areas should be pre-saturated to a minimum of 3% above the optimum moisture content for a minimum depth of 21 inches prior to placing concrete. Soil pre-saturation should be observed and verified by the project geotechnical consultant prior to pouring concrete. Over-wetted and disturbed soils should also be removed prior to placing concrete. Subgrade soils should be reworked by proof rolling prior to pre-saturation.

4.9.7 Setbacks

The minimum requirements of the City of Calabasas for building foundations to slope setback should be complied with.

4.10 Concrete Type and Mix Design

Corrosivity test results indicate that at least some of the on-site materials are severely corrosive to concrete and metals. As such, special type cement should be considered for all concrete work in contact with earth materials. A corrosion engineer should be consulted to further evaluate the impact of soil/bedrock at the site on any proposed metal, and to provide mitigation measures. Additional testing to further delineate the corrosion potential of on-site materials is warranted.

4.11 Asphalt and Concrete Pavement

Asphalt and concrete pavements may be used for the subject site in accordance with the preliminary design parameters presented below. Asphalt and concrete pavements shall be constructed on a subgrade compacted to a minimum of 95 percent relative compaction in the upper 12 inches of subgrade. Pavement subgrade should also be proof-rolled to a firm and unyielding condition prior to placement of aggregate base material Portland cement concrete or asphaltic concrete. Base material shall meet grain size specifications as contained in the Standard Specifications for Public Works Construction, 1997 Edition.

An R-value of 20 was assumed in pavement section design. This value is based on previous tests on upper soils performed at the immediate vicinity of the site (BYA 2001b). This assumed R-value should be verified at the end of grading. Geotechnical recommendations for preliminary pavement design are provided below:

Traffic Index	Asphaltic Concrete Thickness (in.)	Base Material Thickness (in.)
4.5	3.0	6.0
5	3.0	7.8
5.5	3.5	8
6.0	3.5	9.5
6.5	4.0	10.5
7.0	4.5	11.0

4.12 Site Drainage

Because of the potentially adverse effect of water infiltration to underlying soils, it is important that surface water be controlled in the project area. The site should be graded to provide positive drainage away from building foundations at a minimum gradient of 2 percent. We recommend the use of area drains to provide for drainage of confined areas. Gutters and downspouts should be installed to collect the roof surface water. All roof runoff should be collected and discharged into tightline (solid) piping that outlets directly to the street or storm drainage system. Under no circumstances shall water be allowed to pond adjacent to foundations and slabs. Irrigation lines should be kept away from foundations, and should not be installed adjacent to building lines. Landscaping close to buildings and slabs-on-grade should incorporate some method to prevent tree roots from spreading underneath foundations and slabs.

Proper drainage should be regularly checked and maintained. Any disturbance in the surface drainage system should be immediately repaired.

4.13 Plan Review

Final development plans should be reviewed by the project geotechnical consultant as they become available, to verify that the general intent of our recommendations have been properly considered. Based upon the review, additional geotechnical recommendations may be provided, if necessary.

4.14 Construction Observations

Construction observations and field testing should be performed by a representative of GDI to confirm that the conditions and assumptions described in this study are the best representation of the actual conditions. At a minimum, a representative of GDI shall be present for the following construction activities:

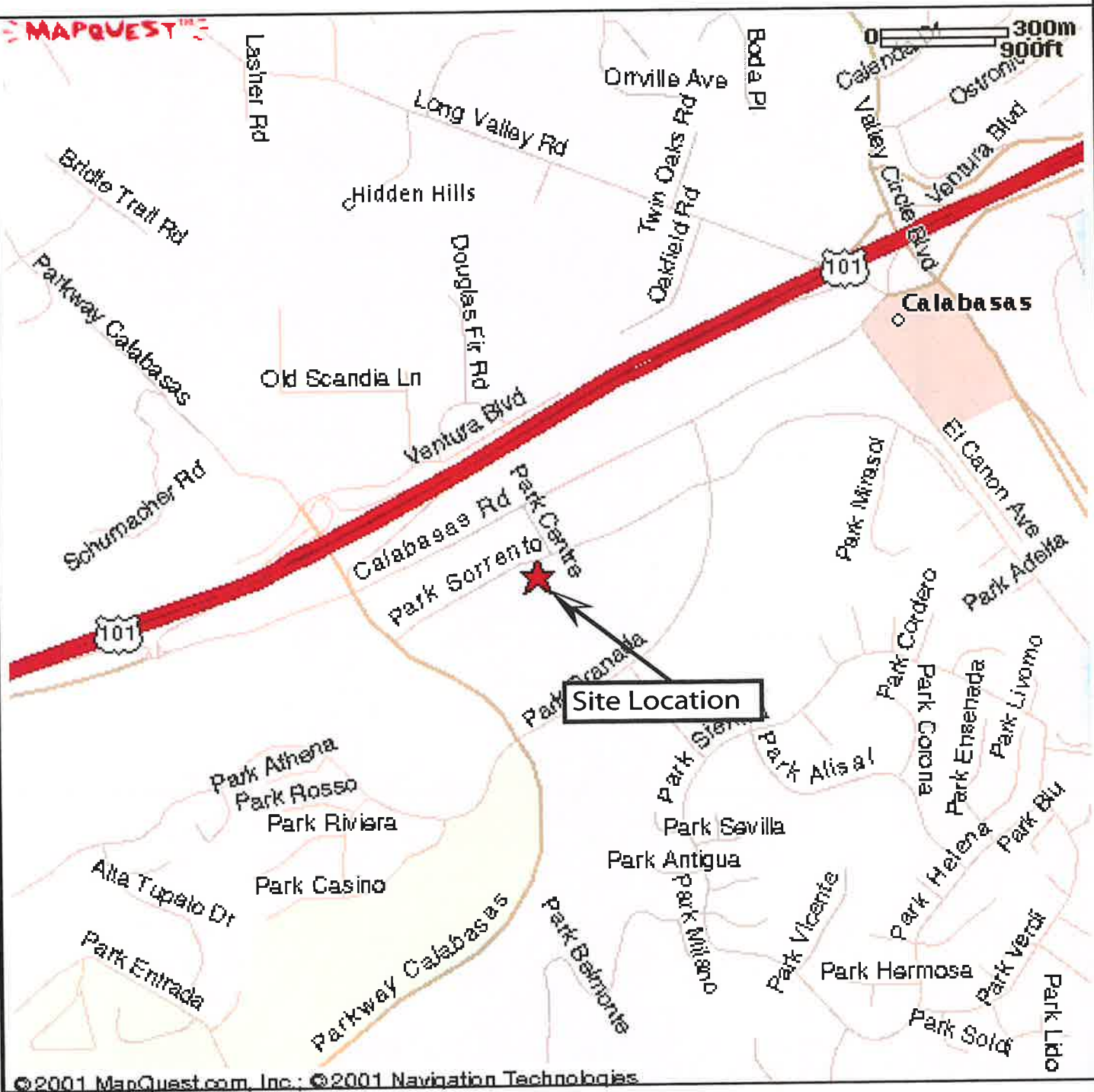
- Site grading of cuts and fills.
- Excavations for compacted fill pads.
- Placement of all fill and backfill.
- Final excavations for foundations.
- Verification of subgrade pre-saturation.

5. CLOSURE

This report was prepared for the exclusive use of the City of Calabasas for the referenced project site. Professional judgments presented in this report are based on evaluations of the information available, on GDI's understanding of foundation conditions for the proposed structures, and GDI's general experience in the field of geotechnical engineering. GDI does not guarantee the interpretations made, only that the engineering work and judgment rendered meet the standard of care of the geotechnical profession at this time.

This report presents preliminary geotechnical recommendations for the proposed development as described herein. These preliminary recommendations are based on the assumption that the subsurface conditions do not deviate appreciably from those encountered during our geotechnical investigation. In view of the general geology and our limited observation of the site, the possibility of different conditions cannot be discounted. Accordingly, these recommendations should not be applied in the field unless Geodynamics, Inc. is retained to perform construction observation and thereby provide a complete professional geotechnical service including field construction observations. Geodynamics, Inc. cannot assume responsibility or liability for the adequacy of any preliminary recommendations without having been retained to observe construction. It is the responsibility of the Owner to bring any deviations or unexpected conditions observed during construction to the attention of the Geotechnical Engineer. In this way, any required supplemental recommendations can be made in a timely manner.

By virtue of contract conditions, statute, or regulation, GDI has performed certain services for this project in light of various standard practices or standard guides (referenced herein) developed by the American Society for Testing and Materials (ASTM) or other, similar organizations. Because such standards are, of necessity, based upon a wide array of significant assumptions, GDI has exercised professional judgment to accommodate the unique site and project conditions, the clients' preferred risk management criteria, and GDI's fundamental duty to preserve and protect public health, safety, and welfare. Any questions in this respect should be addressed to GDI.



REFERENCE: Mapquest.Com, Inc. (2001), downloaded from www.mapquest.com, 2001 Navigation Technologies, scale shown on upper right

Figure 1: Site Location Map

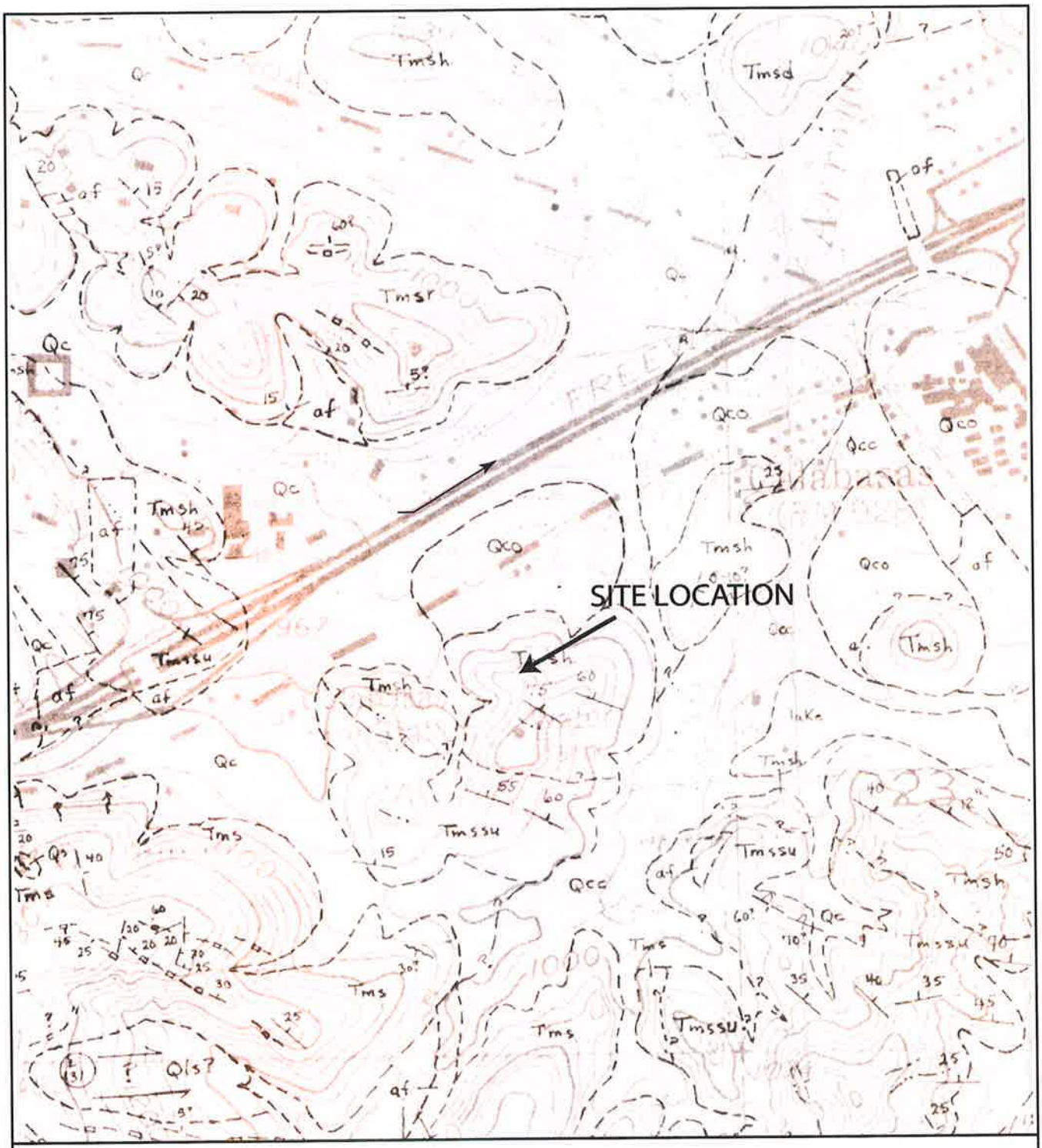
GeoDynamics, Inc.
Applied Earth Sciences
80 Long Court, Suite 2A • Thousand Oaks, California • 91360
Tel (805) 496-1222 • Fax (805) 496-1225

Project: Calabasas Senior Center

Project No.: 05-00107-0008

Date: July, 2013

Ref: BYA 2005



BASE MAP: Geologic Map of the S1/2 Calabasas Quadrangle, by F.H. Weber, 1984

0 800 1600
scale (feet)

N

Legend

Qls	Landslide Debris
Tmsh	Modelo Formation
	Geologic Contact
	Strike and Dip of Bedding (overturned)
45	Strike and Dip of Bedding (inclined)

Ref: BYA 2005

Figure 2: Regional Geologic Map

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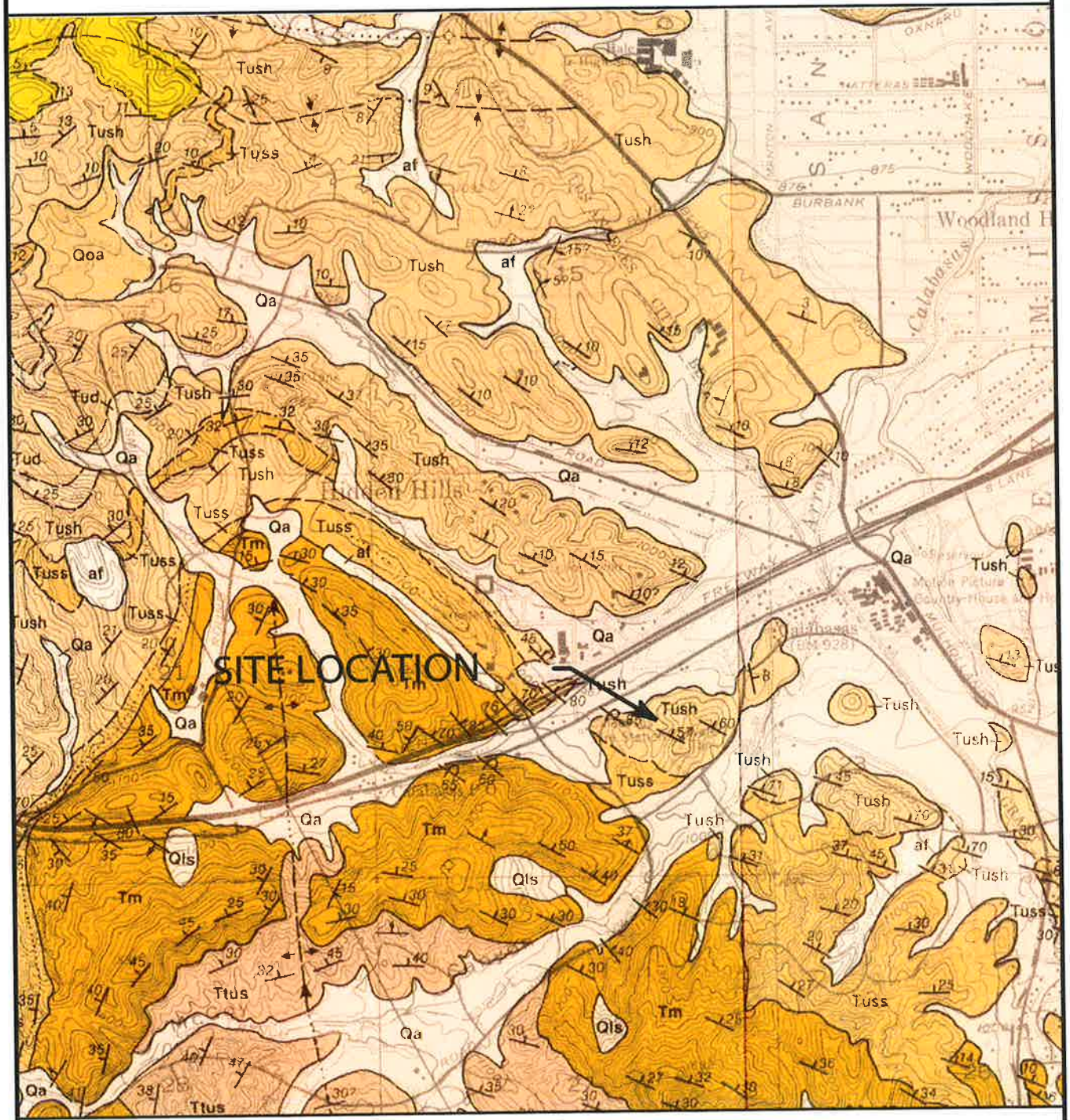

REFERENCE: Geologic Map of the Calabasas Quadrangle, by T. W. Dibblee, Jr., 1992

Explanation

Qa	Alluvium
Tush / Tuss	Unnamed Shale and Sandstone *(upper part of Modelo Formation of Hoots, 1931)*
Tm	Monterey Formation
	Geologic Contact
83	Bedding Attitude (overturned)
45	Bedding Attitude

Ref: BYA 2005

0 2000 4000
scale (feet)

N

Figure 3: Regional Geologic Map & Site Location Map

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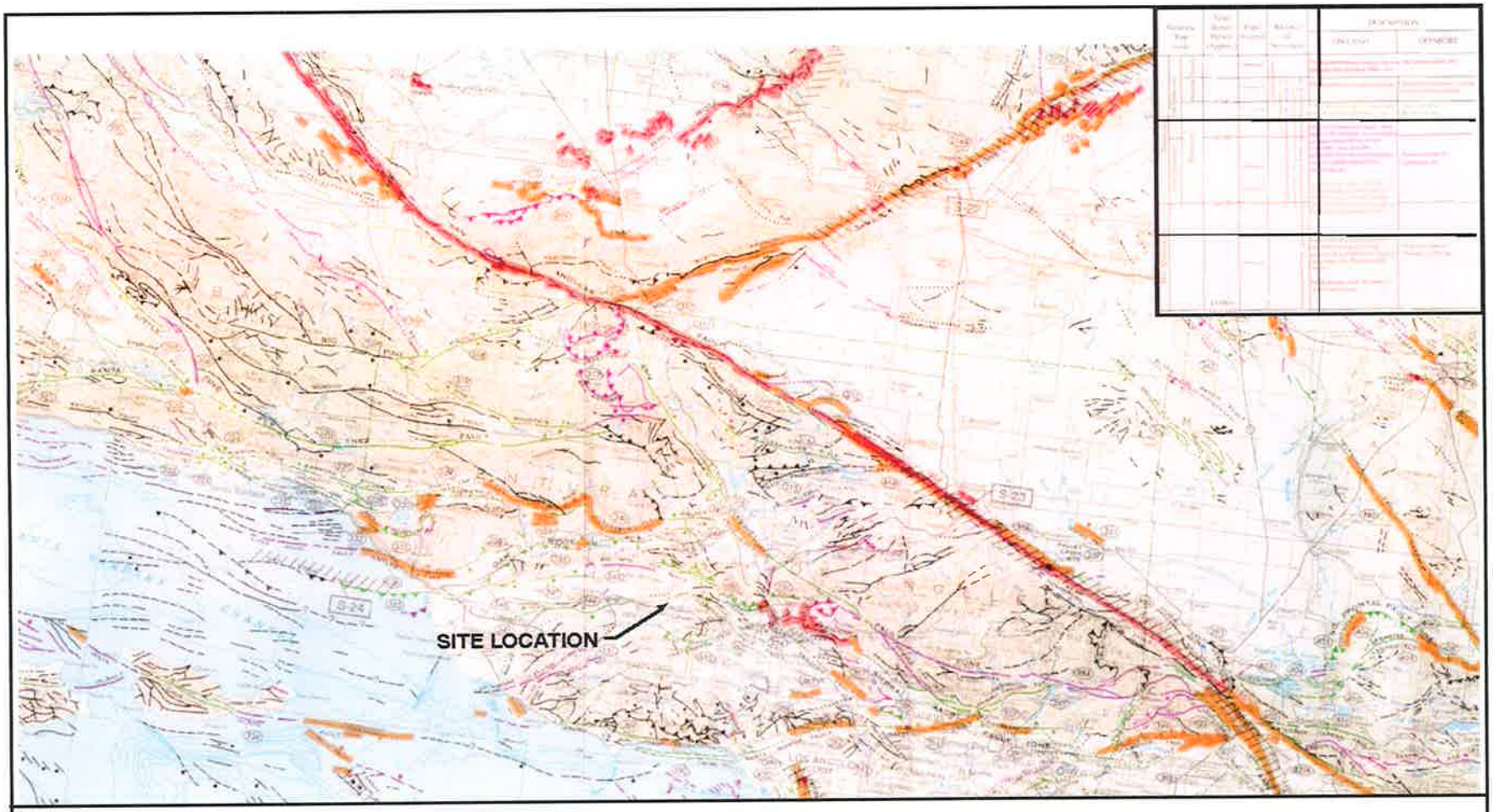

Base Map: Fault Activity Map of California and Adjacent Areas (1994). State of California, Department of Conservation, Division of Mines and Geology.

Ref: BYA 2005

0 12 24
Scale (Miles)

Figure 4: Regional Fault Map

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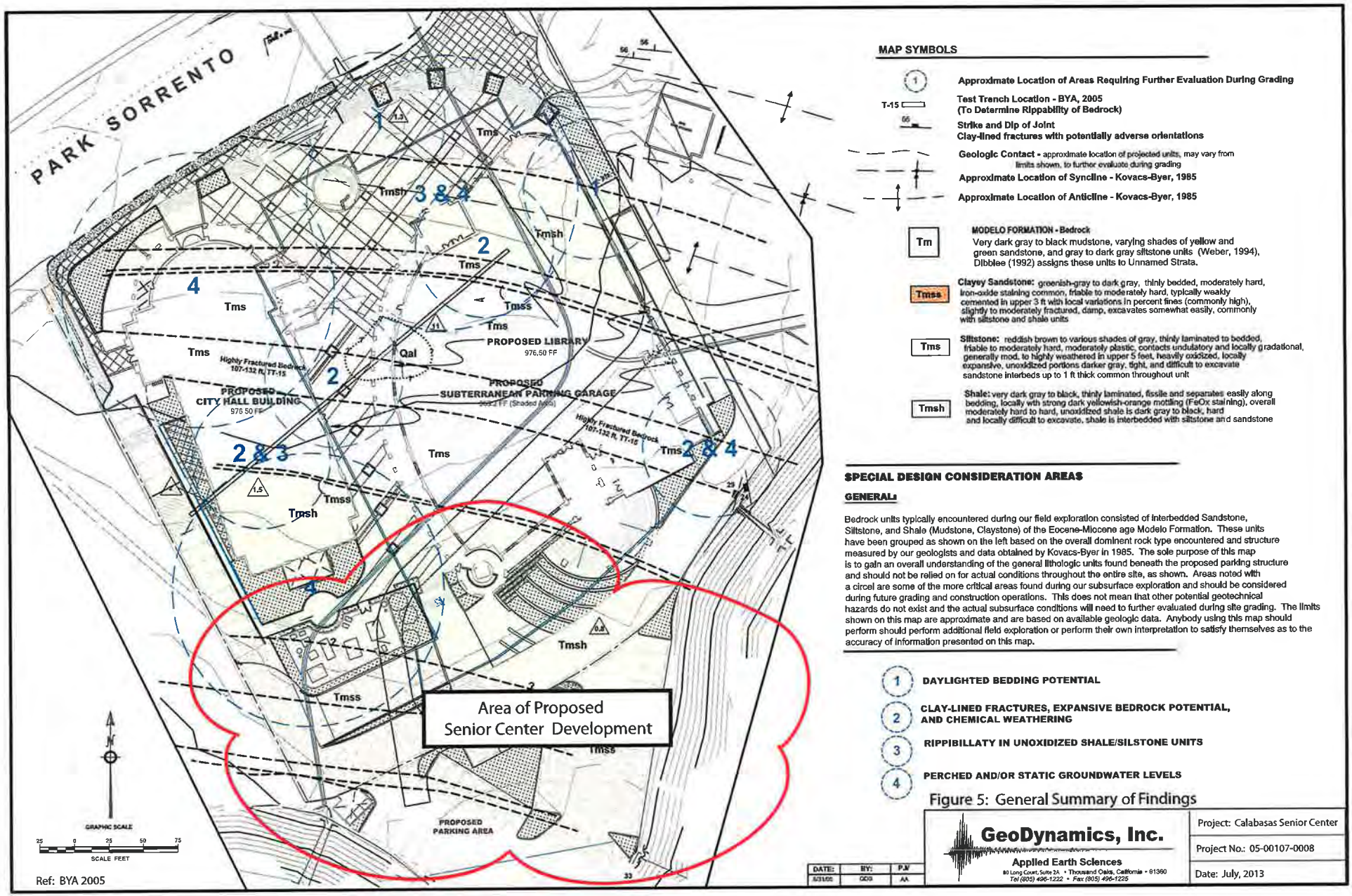

MAP SYMBOLS

- (1) **Approximate Location of Areas Requiring Further Evaluation During Grading**
- T-15 **Test Trench Location - BYA, 2005 (To Determine Rippability of Bedrock)**
- 66 **Strike and Dip of Joint**
  Clay-lined fractures with potentially adverse orientations
- **Geologic Contact** - approximate location of projected units, may vary from limits shown, to further evaluate during grading
- **Approximate Location of Syncline - Kovacs-Byer, 1985**
- **Approximate Location of Anticline - Kovacs-Byer, 1985**

Tm — **MODELO FORMATION - Bedrock**
Very dark gray to black mudstone, varying shades of yellow and green sandstone, and gray to dark gray siltstone units (Weber, 1994), Dibblee (1992) assigns these units to Unnamed Strata.

Tmss — **Clayey Sandstone:** greenish-gray to dark gray, thinly bedded, moderately hard, iron-oxide staining common, friable to moderately hard, typically weakly cemented in upper 3 ft with local variations in percent fines (commonly high), slightly to moderately fractured, damp, excavates somewhat easily, commonly with siltstone and shale units

Tms — **Siltstone:** reddish brown to various shades of gray, thinly laminated to bedded, friable to moderately hard, moderately plastic, contacts undulatory and locally gradational, generally mod. to highly weathered in upper 5 feet, heavily oxidized, locally expansive, unoxidized portions darker gray, tight, and difficult to excavate sandstone interbeds up to 1 ft thick common throughout unit

Tmsh — **Shale:** very dark gray to black, thinly laminated, fissile and separates easily along bedding, locally wth strong dark yellowish-orange mottling (FeOx staining), overall moderately hard to hard, unoxidized shale is dark gray to black, hard and locally difficult to excavate, shale is interbedded with siltstone and sandstone

SPECIAL DESIGN CONSIDERATION AREAS

GENERAL:

Bedrock units typically encountered during our field exploration consisted of interbedded Sandstone, Siltstone, and Shale (Mudstone, Claystone) of the Eocene-Miocene age Modelo Formation. These units have been grouped as shown on the left based on the overall dominent rock type encountered and structure measured by our geologists and data obtained by Kovacs-Byer in 1985. The sole purpose of this map is to gain an overall understanding of the general lithologic units found beneath the proposed parking structure and should not be relied on for actual conditions throughout the entire site, as shown. Areas noted with a circel are some of the more critical areas found during our subsurface exploration and should be considered during future grading and construction operations. This does not mean that other potential geotechnical hazards do not exist and the actual subsurface conditions will need to further evaluated during site grading. The limits shown on this map are approximate and are based on available geologic data. Anybody using this map should perform should perform additional field exploration or perform their own interpretation to satisfy themselves as to the accuracy of information presented on this map.

1. **DAYLIGHTED BEDDING POTENTIAL**
2. **CLAY-LINED FRACTURES, EXPANSIVE BEDROCK POTENTIAL, AND CHEMICAL WEATHERING**
3. **RIPPIBILLATY IN UNOXIDIZED SHALE/SILSTONE UNITS**
4. **PERCHED AND/OR STATIC GROUNDWATER LEVELS**

Figure 5: General Summary of Findings

DATE:	BY:	P.M
5/31/05	GDG	AA

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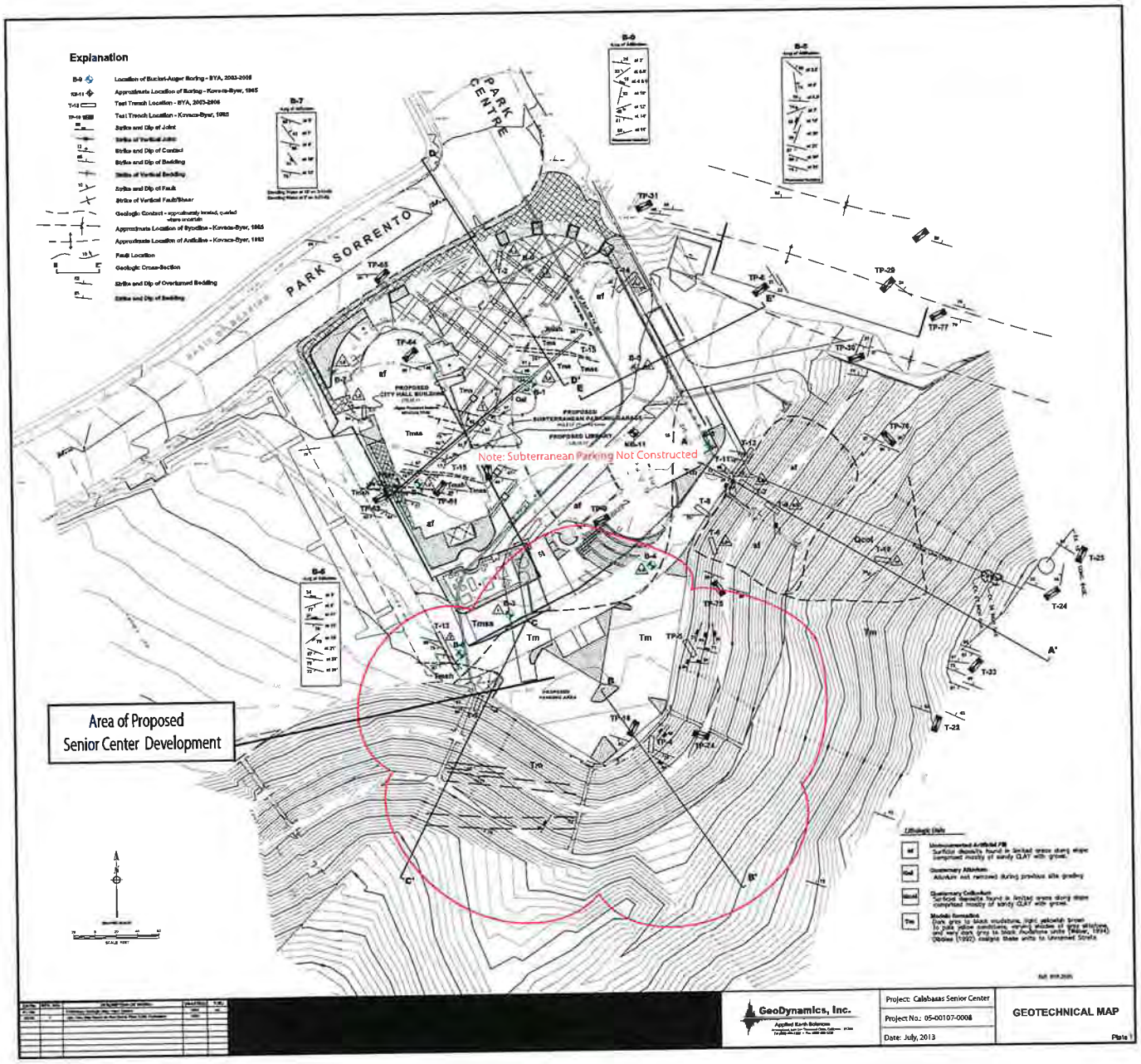
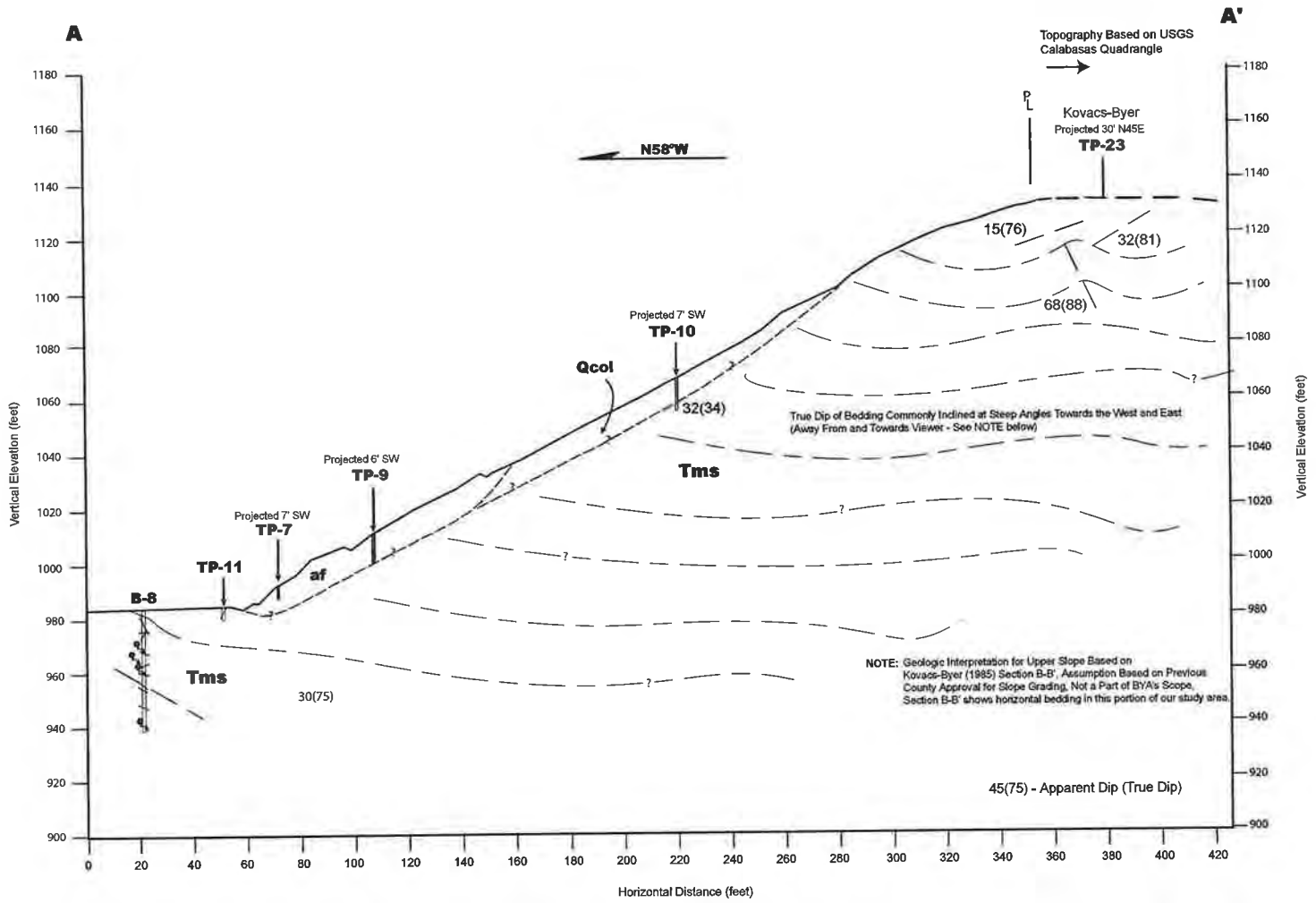

Explanation
PARK CENTRE
PARK SORRENTO
Note: Subterranean Parking Not Constructed
Area of Proposed
Senior Center Development
GeoDynamics, Inc.
Project: Calabasas Senior Center
Project No.: 05-00107-0008
Date: July, 2013
GEOTECHNICAL MAP
Plate 1



Ref: BYA 2005

DATE:	DESCRIPTION OF WORK	DRAFTED:	P.M.
9/11/02	Preliminary Section A-A' Based on Conceptual Design	AH	AA
5/21/05	Updated Section A-A' Based on New Development Plan / Add. Explor.	GDS	AA

Symbols

Noted Seepage

Proposed Grade

Geologic Units

af	ARTIFICIAL FILL
Tms	SHALE - Modelo Formation
Tmsh	SILTSTONE - Modelo Formation

Cross Section A - A'

Plate 2

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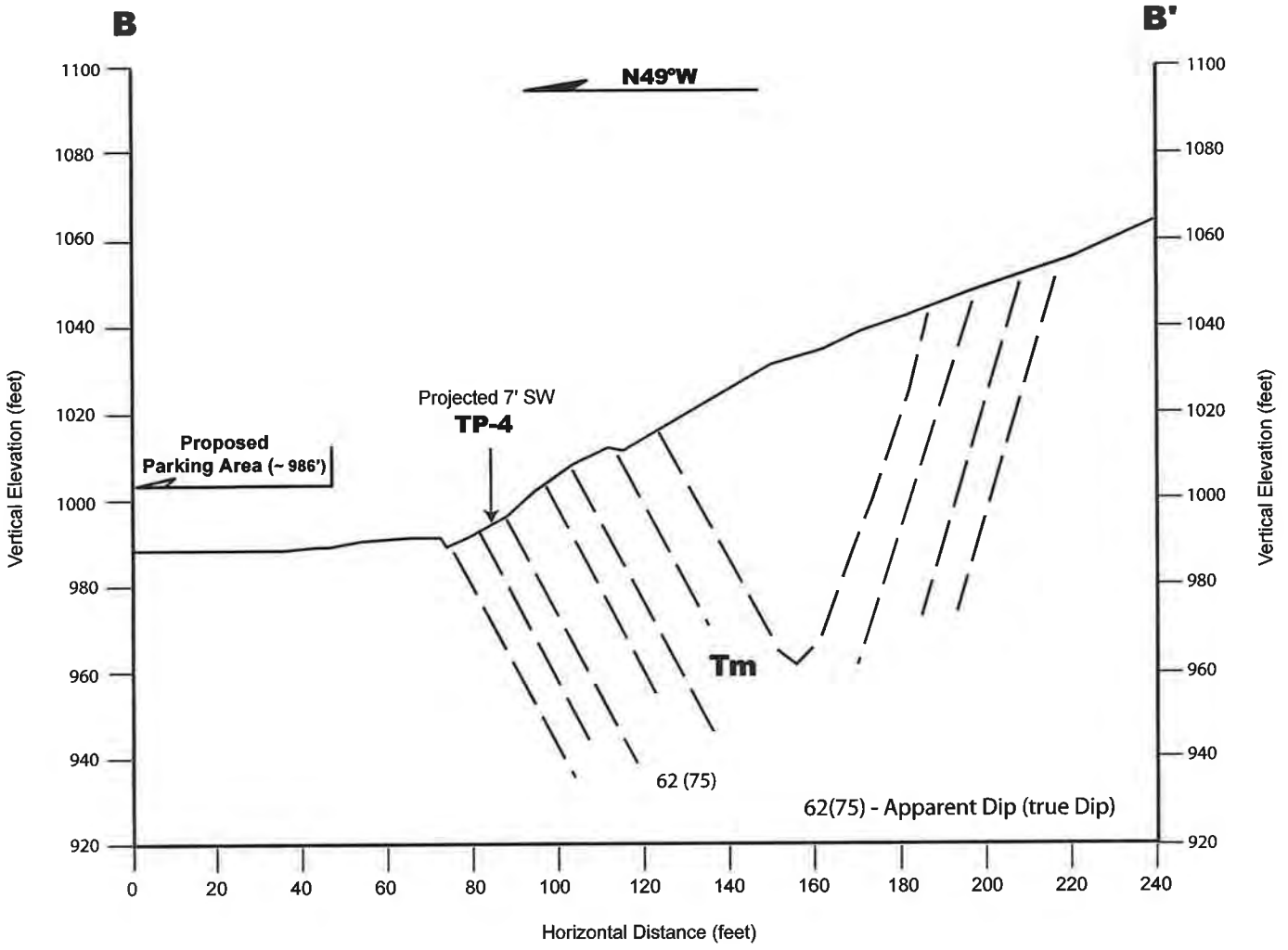

Cross Section B - B'

Plate 3

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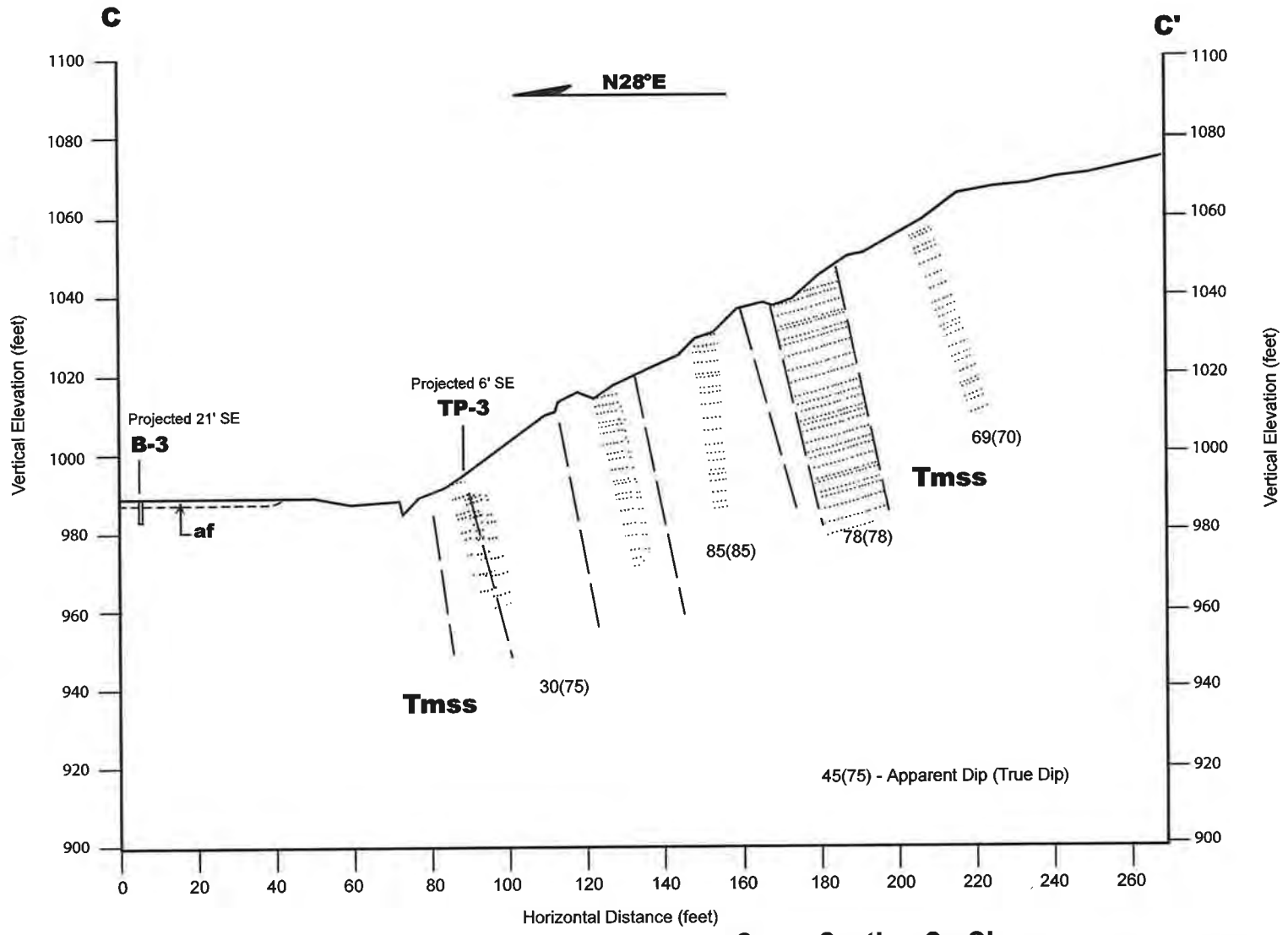
Date: June, 2013

Ref: BYA 2005



Cross Section C - C'

Plate 4

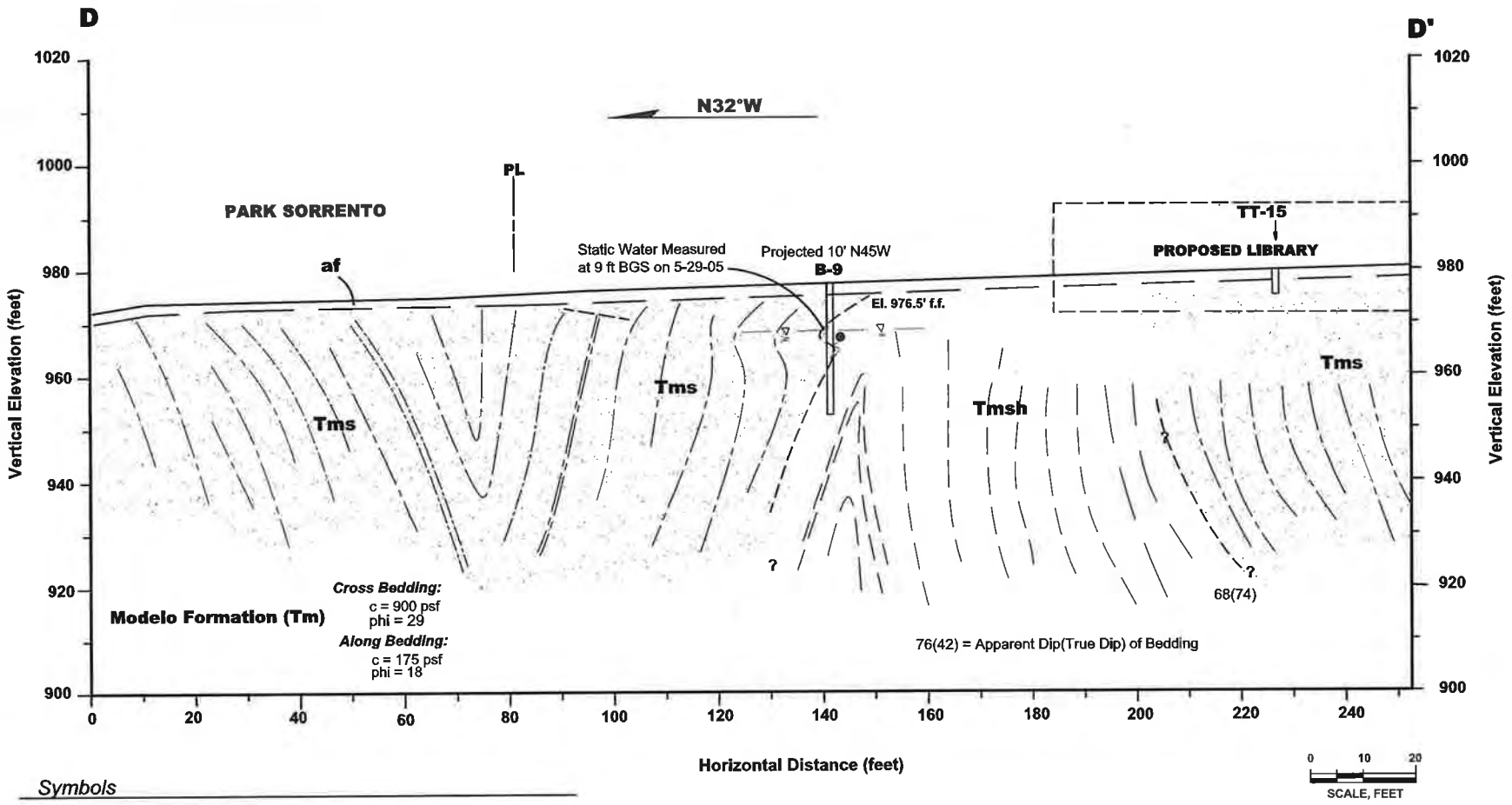
Ref: BYA 2005

GeoDynamics, Inc.
Applied Earth Sciences
80 Long Court, Suite 2A • Thousand Oaks, California • 91360
Tel (805) 496-1222 • Fax (805) 496-1225

Project: Calabasas Senior Center

Project No.: 05-00107-0008

Date: June, 2013



Symbols

Noted Seepage

Proposed Grade

Geologic Units

af	ARTIFICIAL FILL
Tms	SHALE - Modelo Formation
Tmsh	SILTSTONE - Modelo Formation

Ref: BYA 2005

Cross Section D - D'

Plate 5

GeoDynamics, Inc.
Applied Earth Sciences
80 Long Court, Suite 3A • Thousand Oaks, California • 91360
Tel (805) 495-1222 • Fax (805) 495-1225

Project: Calabasas Senior Center

Project No.: 05-00107-0008

Date: June, 2013

Exhibit 1: Conceptual Plan

GeoDynamics, Inc. Applied Earth Sciences 30 Long Court, Suite 24 • Thousand Oaks, California • 91360 Tel (805) 496-1222 • Fax (805) 496-1225	Project: Calabasas Senior Center
	Project No.: 05-00107-0008
	Date: June, 2013

APPENDIX A

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APPENDIX B

Field EXPLORATION DATA

(From BYA 2005)

APPENDIX B

B.0 FIELD EXPLORATION

B.1 General Discussion

BYA performed additional field work at the subject property in March 2005 in order to better understand the subsurface conditions beneath areas shown on the most recent development plan for the proposed Civic Center. Our recent subsurface exploration was based on the review of the development plan prepared by Fields Devereaux, dated March 18, 2005 and to address changes made to the conceptual building design in which our preliminary work was based. Additional field work performed at the site consisted of four bucket-auger borings (B-6 through B-9) drilled on March 10th and 21st, 2005 and five backhoe test trenches (TP-11 through TP-15) completed between March 21st and 22nd, 2005, which included an approximate 240 foot long trench that traversed through the proposed subterranean parking facility and City Hall structures. The exploratory logs performed during the most recent work are attached at the end of Appendix B following the logs from the preliminary report, and all exploratory locations performed during this project are shown on Plate 1 – Geotechnical Map. Plate 7 shows the exploratory test trench logs.

Photo 1: Test Trench T-15, View west

On February 28th, 2005, our office performed a site reconnaissance visit to determine site access for equipment and to mark the locations of the additional exploratory excavations. Following our visit, Underground Service Alert (USA) was provided the mandatory 48 hours notice prior to exploratory work to mark any known utility lines. The City reviewer for this project, Leighton & Associates, Inc., was notified by our office at least 48 hours in advance prior to engaging in the scheduled field activities. Key geotechnical items considered in our more recent field work included the following:

1) Temporary and permanent stability of cut slopes required for the proposed subterranean garage structure
2) Evaluation of the rippability of bedrock units exposed within removal areas within the proposed parking structure.
3) The potential for adverse geologic structure exposed within temporary cut slopes required during construction.
4) Further understanding and evaluation of local hydrostatic conditions (perched water levels).

B.2 Bucket-Auger Borings

Exploratory borings were excavated by JS Construction using a six-wheel drive EZBore bucket-auger drill rig. The four borings were placed near the corners of the proposed subterranean parking structure in order to evaluate the stability of temporary and permanent cuts necessary for construction. To better understand and monitor water levels beneath the proposed subterranean structure, two standpipe piezometers were placed in B-8 and B-9 following downhole observation and logging. Construction materials used for installation of the standpipe piezometers are summarized on the attached boring logs and included sections of 3-inch perforated and blank PVC casing. The gravel pack used as backfill around the casing consisted of #2 clean gravel, which extended vertically to about 5 feet below grade. Leighton & Associates, Inc. was contacted in order to provide a summary of field activities to facilitate the project review. As a result, the City reviewer requested to visually observe subsurface conditions exposed in the more southerly borings B-6 or B-8. Following downhole observation by our project geologist, a Leighton staff geologist was given the opportunity to visually observe the subsurface conditions.

Total depths of the drilled borings ranged between 25 and 45 vertical feet measured below existing grade established at roughly 982 feet. Relatively undisturbed ring and bulk samples were collected at various intervals in each of the borings. Relatively undisturbed samples were retained by the split-spoon sampler in a series of 1-inch height brass rings, each having an inside diameter of 2.42 inches. The ring samples were sealed in plastic tubes with plastic end caps to help preserve the natural moisture content. Bulk samples of the earth materials encountered were collected for additional classification and lab testing. The 24-inch diameter bucket auger was used to advance the boring. The driving weight of the hammer used and the average height of the fall are presented on the boring logs. Sampler driving resistance, expressed as blows per 6 inches of penetration, is indicated on the boring logs at the respective sampling depths.

Photo 2: Boring B-8 near southeast portion of site taken on 3-20-05.

B.2.1 Groundwater

Groundwater levels including natural seeps, springs, perched and static conditions were noted by our geologist during the daily field operations. In order to establish groundwater conditions and/ or monitor fluctuations over time, two standpipe piezometers were constructed in B-8 and B-9. Seepage was a common occurrence and visually observed in each of the borings ranging in depths between 4 and 40 feet below the surface. Seepage most commonly occurred at the bedding contacts for units of varying composition. Areas of moderate to heavy seepage or perched conditions were commonly found at contacts with the impermeable and unoxidized shale and siltstone units. Static water conditions were found in northerly borings B-7 and B-9, upon conclusion of drilling. Static water levels were 18 feet and 22 feet, respectively. Other notable seepage observed during drilling occurred at 14.5 feet in B-6, 15 feet in B-7, 42 feet in B-8, and 12 feet in B-9. Static water conditions in the two piezometers were subsequently measured on 5-31-05. Static water

level for B-9 was 9 feet and we were not able to obtain results from B-8 due to plugging within the piezometer of earthen material.

B.3 Exploratory Test Trenches

The test trenches performed during our most recent phase of subsurface exploration included T-11, T-12, T-13, T-14, and T-15. The test trenches were performed by Buzza Backhoe Service on March 21-22nd, 2005, using a 4-WD rubber-tire backhoe (Extendahoe model) manufactured by CASE. The test trenches were excavated using a 24-inch bucket and backfilled using the native cuttings. T-15 was performed to determine the rippability of material within the proposed structures and a detailed log for each of the excavations is shown on Plate 7.

LIST OF ATTACHMENTS

Figure B-1 – Guideline for Classification and Description of Soil

Figure B-2– Guideline for Classification and Description of Rock

Logs of Test Pits TP-1 through TP-10

Logs of Borings B-1 through B-9

GUIDELINE FOR CLASSIFICATION AND DESCRIPTION OF SOIL

Soil Classification: In general conformance with the Unified Soil Classification System as presented by ASTM D 2488.
Color: At field moisture in general conformance with the Munsell Soil Color Charts.
Lithologic Variation: Natural soils are frequently stratified and vary both horizontally and vertically. Descriptions provided for samples may not be representative of the entire sample, or for intervals above and below the sample. Thus, discrepancies may occur between sample descriptions on field logs and laboratory descriptions.

DESCRIBE (1)SOIL TYPE, (2) GRAIN SIZE & DISTRIBUTION, (3)COLOR, (4)MOISTURE, (5)DENSITY, and (6)OTHER DESCRIPTORS in general order of significance (e.g. visible pores, plasticity, soil structure, odor, organics, etc.)

e.g. SILTY SAND: mostly fine sand, little silt, trace medium -coarse sand, reddish brown, damp, med. dense, nonplastic, few pinhole pores (Qal)

UNIFIED SOIL CLASSIFICATION SYSTEM

Major Divisions				Group Symbol	Typical Names	Field Identification Procedures
1	2			3	4	5
Coarse-grained Soils (> 50% passing No. 200 Sieve) (The No. 200 sieve size is about the smallest particle visible to the naked eye.)	Gravels >50% of coarse fraction is > 1/4in.	<= 5% fines	5 - 12% fines dual i (e.g. GW-GC or GP-GM)	GW	Well-graded gravel, gravel-sand mixtures, little of no fines.	Wide range in grain sizes and substantial amounts of all intermediate particle sizes.
				GP	Poorly-graded gravel, gravel-sand mixtures, little of no fines.	Predominately one size or range of sizes with some intermediate sizes missing.
		>= 12% fines		GM	Silty gravel, gravel-sand-silt mixture	Non-plastic fines or fines with low plasticity
				GC	Clayey gravel, gravel-sand-clay mixture	Plastic fines
	Sands <50% of coarse fraction is > 1/4in.	<= 5% fines	5 - 12% fines dual i.d. (e.g. SW-SC or SP-SM)	SW	Well-graded sand, gravely sand	Wide range in grain sizes and substantial amounts of all intermediate particle sizes.
				SP	Poorly-graded sand, gravely sand	Predominately one size or range of sizes with some intermediate sizes missing.
		>= 12% fines		SM	Silty sand, sand-silt mixture	Non-plastic fines
				SC	Clayey sand, sand-clay mixture	Plastic fines
	for soils with 45 - 55% fines or roughly equal % of defining material, use Borderline Symbol (i.e. SC/CL, GP/SP, CL/ML, CL/CH)					
Fine-grained Soils (< 50% passing No. 200 Sieve)						Identification Procedures on Fraction Smaller Than No. 40 Sieve
						Dry Strength (Crushing) / Dilatancy (Reaction to Shaking) / Toughness (near PL)
	Silts & Clays	Liquid limit < 50	slight - medium plasticity	ML	Silt, Clayey Silt, Silty or Clayey very fine Sand, slight plasticity	None to low / Slow to rapid / None
				CL	Clay, Sandy Clay, Silty Clay, lean clay, low - medium plasticity	Medium to high / None to slow / Medium
				OL	Organic Silts or Silty Clays of low plasticity	Slight to medium / Slow / Slight
	Silts & Clays	Liquid limit > 50	high plasticity	MH	Silt, Clayey Silt, Silty or Clayey very fine Sand, high plasticity	Low to medium / None to slow / Low to medium
				CH	Clay, Fat Clays, high plasticity	High to very high / None / High
				OH	Organic Clays of medium to high plasticity	Medium to high / None to very slow / Slight to medium
Highly Organic Soils				Pt	Peat and other highly organic soil	High organic content, color, spongy, fibrous.

SOIL CONSISTENCY

		Blows/ Foot	Pocket Pen. (TSF)
SILT & CLAY [1]	Very Soft	< 2	< 0.25
	Soft	2 - 4	0.25 - 0.5
	Medium Stiff	5 - 8	0.5 - 1
	Stiff	9 - 15	1 - 2
	Very Stiff	16 - 30	2 - 4
	Hard	> 30	> 4
SAND [2]	Very Loose	0 - 4	
	Loose	5 - 10	
	Medium Dense	11 - 30	
	Dense	31 - 50	
	Very Dense	> 50	

[1] NAVFAC DM-7.1, 1982; [2] Terzaghi and Peck, 1967

PARTICLE SIZE

		US Sieve	Sieve Opening
Boulder		> 12 in	> 12 in
Cobble		12 - 3 in	12 - 3 in
Gravel	Coarse	3 - 3/4 in	3 - 3/4 in
	Fine	3/4in - No.4	3/4in - 4.75mm
Sand	Coarse	No.4 - No.10	4.75 - 2.00mm
	Medium	No.10 - No.40	2.00 - 0.475mm
	Fine	No.40 - No.200	0.475 - 0.075mm
Silt & Clay		below No.200	< 0.075

PLASTICITY

Nonplastic	Cannot roll into 1/8" tread
Slightly Plastic	Barely roll into thread
Medium Plastic	Can roll into thread
Highly Plastic	Cannot rupture by kneading

SOIL MOISTURE

Dry	Powdery
Damp	Below PL
Moist	PL - LL
Wet	above LL

ESTIMATED AMOUNT

Trace	< 5 %
Few	5 to 15 %
Little	15 to 30 %
Some	30 to 50 %
Mostly	> 50 %

GUIDELINE FOR CLASSIFICATION AND DESCRIPTION OF ROCK

Bedrock Classification: There is no single, widely-adpoted criteria for describing bedrock. This sheet provides guidelines for bedrock descriptions used in this report.

Color: At field moisture in general conformance with either the *Rock Color Chart* prepared by the GSA, or with the *Munsell Soil Color Charts*.

Lithologic Variation: Natural soils are frequently stratified and vary both horizontally and vertically. Descriptions provided for samples may not be representative of the entire sample, or for intervals above and below the sample. Thus, discrepancies may occur between sample descriptions on field logs and laboratory descriptions.

DESCRIBE (1)ROCK TYPE, (2) GRAIN SIZE & DISTRIBUTION, (3)COLOR, (4)MOISTURE, (5)HARDNESS, (6) STRUCTURE, (7) WEATHERING, (8)OTHER DESCRIPTORS in general order of significance.

ROCK HARDNESS	
Very Hard	Difficult to scratch with knike point. Very difficult to break hand specimen.
Hard	Cannot be scraped or peeled with a knife point. Hand specimen breaks with firm blows from pick.
Moderately Hard	Can be peeled with a knife. Crumbles under firm blows from sharp end of geolic pick.
Soft	Friable, can be gouged deeply with knife and crumbles readily under light hammer blows.
Very Soft	Can be dug by hand and crushed with fingers.

BEDDING AND DISCONTINUITY SPACING			
Bedding, Foliation, Flow Banding	**Spacing**		**Joints, Fractures, Faults**
Very Thickly	> 2 m	> 6 ft	Very Widely
Thickly	60 cm - 2 m	2 - 6 ft	Widely
Medium	20 - 60 cm	8 - 24 in	Medium
Thinly	60 - 200 mm	2.5 - 8 in	Closely
Very Thinly	20 - 60 mm	0.75 - 2.5 in	Very Closely
Intensely	6 - 20 mm	0.25 - 0.75 in	Intensely
Very Intensely	< 6 mm	< 0.25 in	Very Intensely

DEGREE OF WEATHERING					
Description	**Discoloration**	**Fractue Condition**	**Surface Characteristics**	**Original Texture**	**Grain Boundary Conditon**
Unweathered	None	Closed or discolored	Unchanged	Preserved	Tight
Slightly Weathered	<20% of fracture spacing	Discolored, may contain thin filling	Partial discoloration	Preserved	Tight
Moderately Weathered	>20% of fracture spacing	Discolored, may contain thick filling, cemented rock	Partial to complete discoloration, not friable except poorly cemented rocks	Preserved	Partial Opening
Highly Weathered	Throughout		Friable and possibly pitted	Mainly Preserved	Partial Seperation
Completely Weathered	Throughout		Resembles a soil	Partly Preserved	Complete Seperation

FRACTURE SEPARATION	
Description	**Separation of Walls (mm)**
Closed	0
Very Narrow	0 - 0.1
Narrow	0.1 - 1.0
Wide	1.0 - 5.0
Very Wide	> 5.0

ROCK QUALITY DESCRIPTION (RQD)

$$\text{Recovery (\%)} = \frac{\text{length of core recovered}}{\text{length of core run}} \times 100$$

$$\text{RQD (\%)} = \frac{\text{length of rock recovered in sound lengths >= 4in.}}{\text{length of core run}} \times 100$$

RQD %	Description
90 -100	Excellent
75 - 90	Good
50 - 75	Fair
25 - 50	Poor
0 - 25	Very Poor

FRACTURE FILLING	
Term	**Definition**
Clean	No fracture filling
Stained	Discoloration of rock only. No recognizable filling material.
Filled	Fracture filled with recognizable filling material.

ESTIMATED AMOUNT	
Trace	< 5 %
Few	5 to 15 %
Little	15 to 30 %
Some	30 to 50 %
Mostly	> 50 %

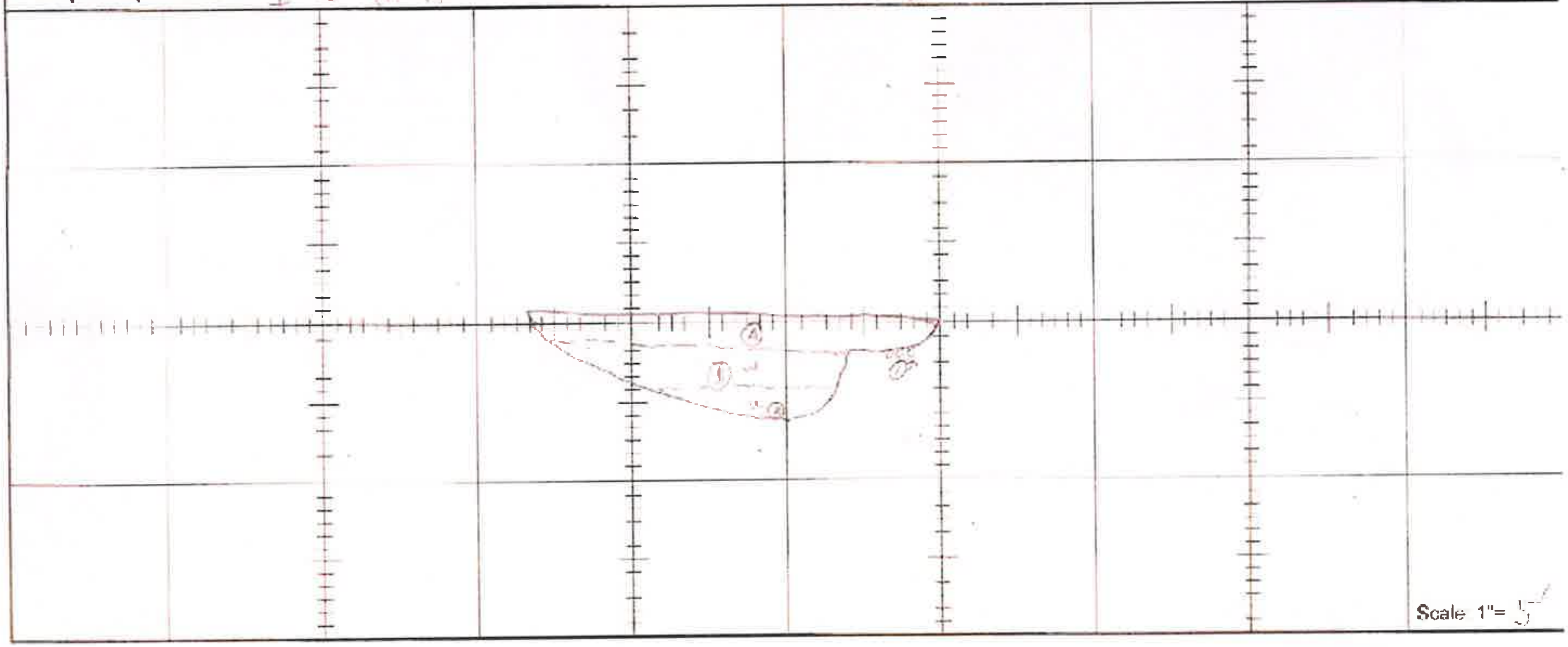
BING YEN & ASSOCIATES, INC
Geotechnical & Environmental Consultants

TRENCH NO.: T-1

Project Name: Calabasas ... | Location: Calabasas | Logged by: ...
Project No.: 4?25043.0007 | Equipment: Case 580 | Elevation: 979 | Date: 9-26-01

Geologic Attitudes	Description	Geologic Unit	U.S.C.S.	Sample No.	Moisture (%)	Density (PCF)
	(A) Artificial Fill med. orangish to yellowish brown silty sand w/ gravels, mod. loose, dry. Fe-O2 stained, rootlets, fine grained sand, gravel angular to subrounded. 0-1.25' ... to olive grey gravelly sand, mod. loose	Af				
	(B) 1.25-3.2' (Modelo Fm.) Med. orangish to yellowish brown to grey to black siltstone w/ thin sandstone interbeds(?), mod. hard, damp, highly fractured, Fe-O2 stained, weathered to ~3', contact to unweathered siltstone, black, damp, laminated	Tm				
(2) @ 3.2' B: N70W, 74SW ...	(1) 3 grey plastic conduits ... 2-1½" diameter ... pulled ... Trend N74E across site. Marked w/ white paint. TD 3.2' No water No caving Backfilled 9-26-01					

Graphic Representation: 1" = 5' (H = V) NW wall | Surface Slope: ~ horizontal | Trend: → N ... E



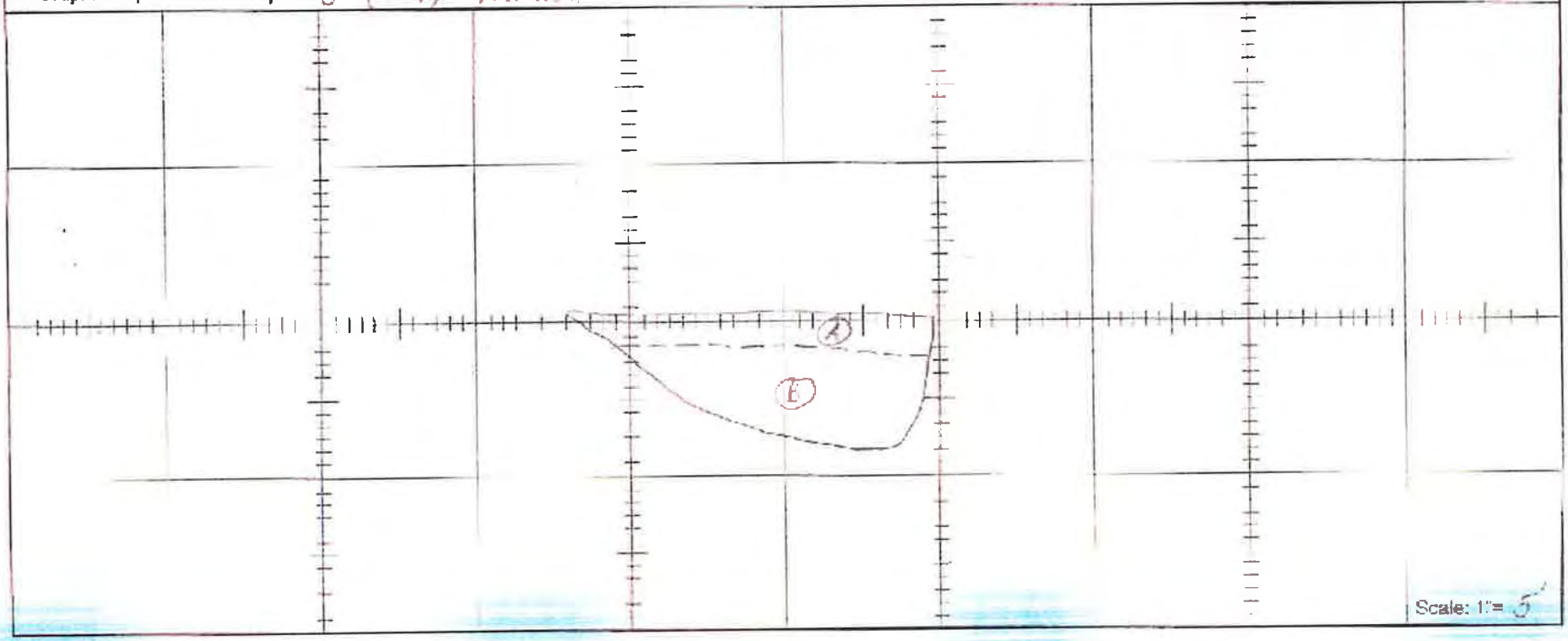
BING YEN & ASSOCIATES, INC
Geotechnical & Environmental Consultants

TRENCH NO.: T-2

Project Name: Calabasas Club Hill Location: Calabasas Logged by C.D. BN
Project No: 49.25013.007 Equipment: Case 580 Elevation: 974' Date: 9-26-01

Geologic Attitudes	Description	Geologic Unit	Engineering Properties: U.S.C.S. / Sample No. / Moisture (%) / Density (pcf)
	(A) Artificial Fill (0-13'): Orangish brown silty sand with gravel, soft, loose, moist, FeO2 staining, scattered, fine-grained, gravels angular to sub-rounded, 1/2-2" in diameter, local clayey zones	Af	
	(B) Modelo Formation (1.3-4.25'): olive-brown clayey siltstone, mod. hard, moist, highly fractured, FeO2 staining, no visible bedding	Tm	
	TD 4.25' No water No caving Backfilled 9-26-01		

Graphic Representation: 1" = 5' (H+V) NW wall Surface Slope: ~ horizontal Trend: N28E →



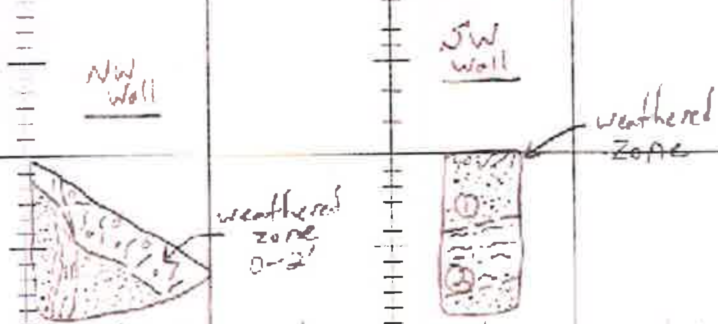
TRENCH NO.: T-3

BING YEN & ASSOCIATES, INC
Geotechnical & Environmental Consultants

Project Name: Calabasas City Hall | Location: Calabasas
Project No.: 449.25043.0007 | Equipment: Case 580 | Elevation: 994'
Logged by: BN, CD | Date: 9-26-01

Geologic Attitudes	Description	Geologic Unit	Engineering Properties			
			U.S.C.S.	Sample No.	Moisture (%)	Density (PCF)
① B: N82W, 83SW @ 2' ② B: N80W, 70SW @ 4'	Modelo Formation: 0-4.5': med. gray to med. orange-brown sandstones and siltstones, interbedded, med. hard near surface to hard near bottom of trench, damp, slightly FeO₂ stained weathered, sandstone fine-grained, thinly bedded, well-bedded. NW wall: highly weathered and fractured rock from surface to 2', abundant roots, 1/2" diameter, FeO₂ stained TD 4.5' No water No caving Backfilled 9-26-01 Note: Crack in concrete V-ditch with 2" offset. Catch basin damaged. Condition prior to trench excavation.	Tm				

Graphic Representation: 1" = 5' (H=V) NW/SW wall | Surface Slope: 33° | Trend: N24E →



Scale 1" = 5'

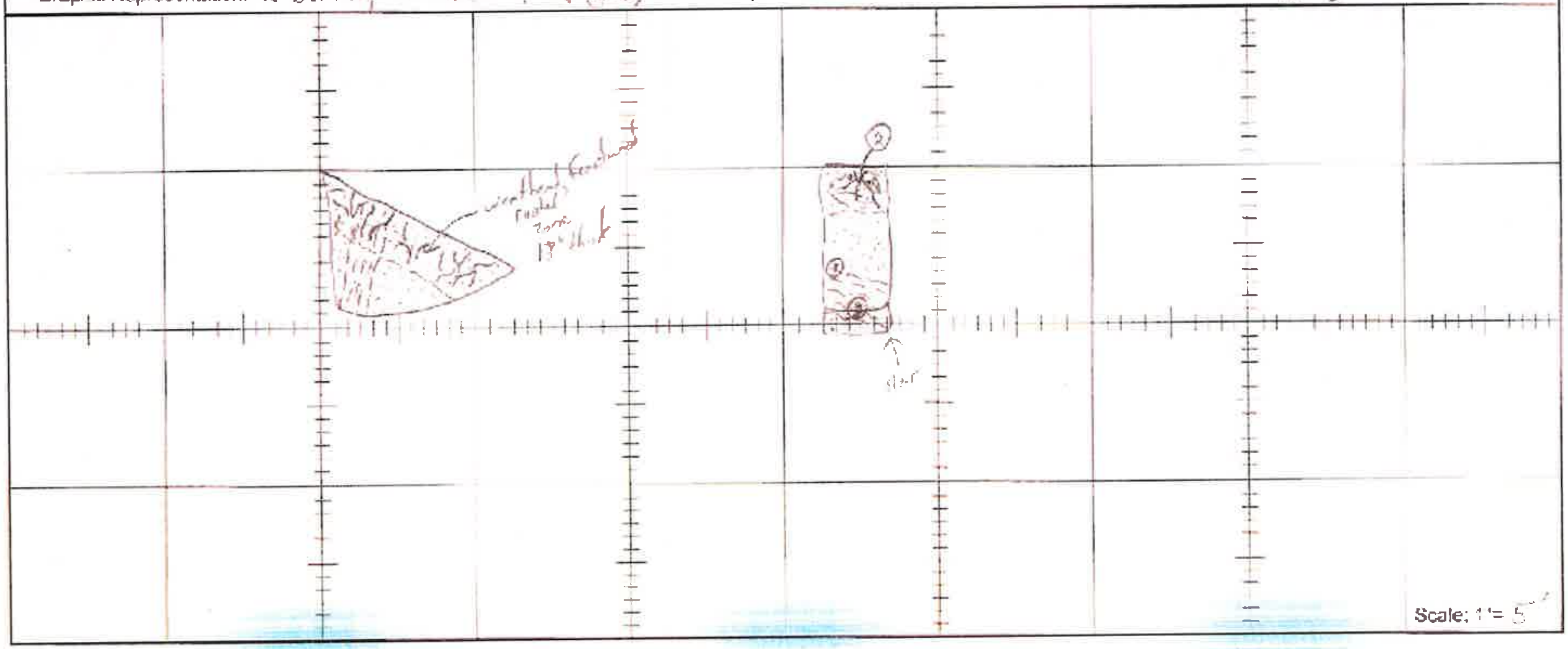
TRENCH NO.: T-4

BING YEN & ASSOCIATES, INC
Geotechnical & Environmental Consultants

Project Name: Calabasas City Hall	Location: Calabasas		Logged by: BN/CD
Project No.: [illegible]	Equipment: [illegible]	Elevation: 994'	Date: 9-26-01

Geologic Attitudes	Description	Geologic Unit	Engineering Properties			
			U.S.C.S.	Sample No.	Moisture (%)	Density (PCF)
① B: N 70 W, 75 SW ② J: N 20 E, 33 NW; N [illegible] W, 84 SW; N 45 E, 65 SE ③ B: N 80 W, 78 SW	Modelo Fm.: 0–4.5' Interbedded lt gray to white sandstone and black siltstone, hard, dense, [illegible] upper 18" fractured, sl. weathered, roots, 3 joint sets ② [illegible] potential wedge failure TD 4.5' No water No caving	Tm				

Graphic Representation: W-SW wall / SE wall 1" = 5' (H+V) Surface Slope: 2:1 ± Trend: N 8 W →



Scale: 1" = 5'

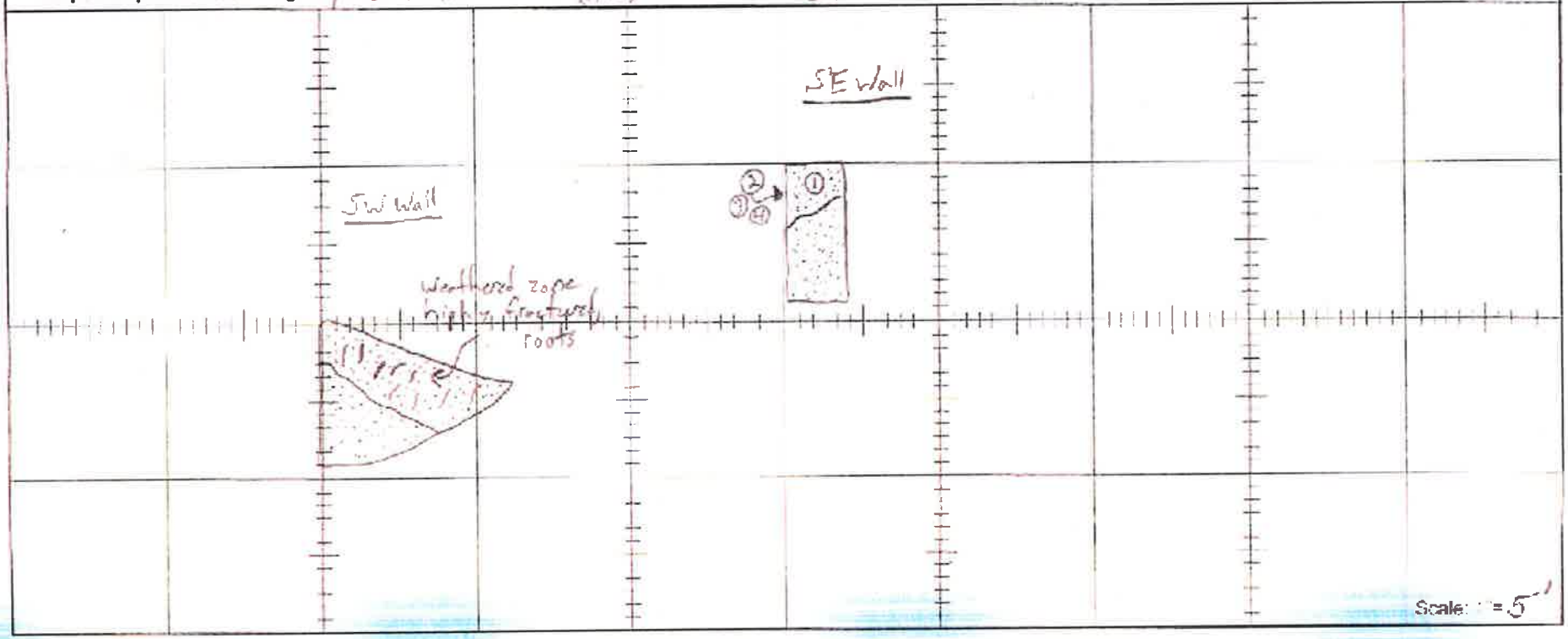
BING YEN & ASSOCIATES, INC
Geotechnical & Environmental Consultants

TRENCH NO.: T-5

Project Name: Calabasas City Hall Location: Calabasas
Project No 419.2504.3.007 Equipment: Case 580 Elevation: 992' Logged by: BY/CD Date: 9-26-01

Geologic Attitudes	Description	Geologic Unit	Engineering Properties: U.S.C.S. / Sample No / Moisture (%) / Density (PCF)
① J: N78W, 24NE J: N10E, 49NW J: N21E, 64NW ② J: N22E, 37NW ③ J: NS, 32E ④ J: N69W, 71E	Modelo Formation 0-4.5' Med. orangish brown to gray sandstones, hard, dry to damp, upper 18" on southeast wall highly weathered, fractured, Fe Ox. stained, roots to 3', sandstone fine-grained, massive, no visible bedding. Joints in weathered zone a function of weathering and fracturing. T.D. 4.5' No water No caving Backfilled 9-26-01	Tm	

Graphic Representation: SW / SE walls 1"=5' (H=V) Surface Slope: 22° Trend: N31W →



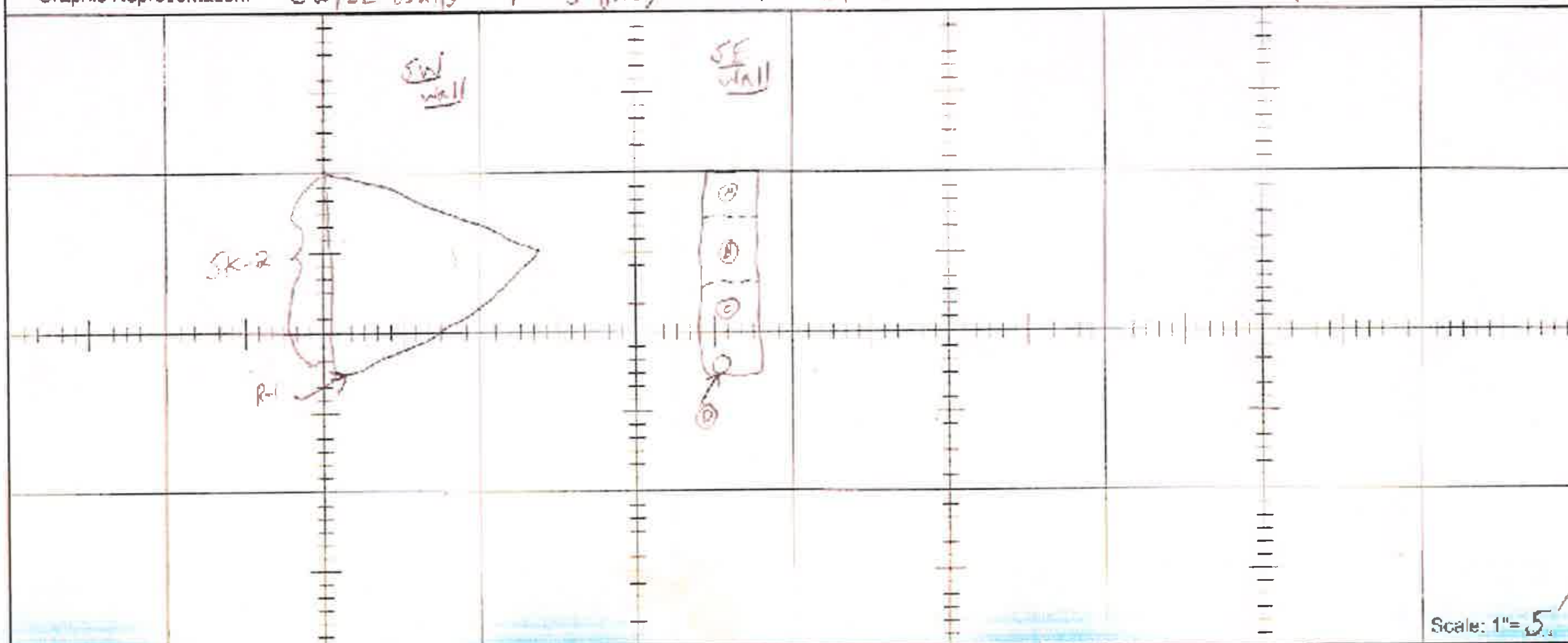
TRENCH NO.: T-6

BING YEN & ASSOCIATES, INC
Geotechnical & Environmental Consultants

Project Name: Calabasas City Hall Location: Calabasas
Project No.: 49.25043.0007 Equipment: Case 580 Elevation: 991'
Logged by: BN/CD Date: 9-26-01

Geologic Attitudes	Description	Geologic Unit	Engineering Properties			
			U.S.C.S.	Sample No.	Moisture (%)	Density (PCF)
	0–6.5' Artificial Fill: (A) 0–18" Silty sand, med. yellowish brown, dense, dry, fine-grained, subrounded to angular gravel-size rock frags [illegible], F.G.s (B) 18"–3.5' Silty sand, medium brown to dark olive brown, dense, damp, minor gravel-size rock fragments up to 3" [illegible], 10–15%, F.G.s (C) 3.5–6.5' Silty sand and clay, mottled olive green to black, dense, damp, gravel to cobble size angular rock frags, [illegible] scattered (D) [illegible] Clay, plastic, mottled brown, N55W trend, [illegible] Oil [illegible]? TD 6.5' No water No caving Backfilled 9-26-01	Af		R-1 @ 6.5' SK-2, 0-6.5'		

Graphic Representation: SW/SE Walls 1" = 5' (H+V) Surface Slope: S1°± [illegible] Trend: N14W→



Scale: 1" = 5'

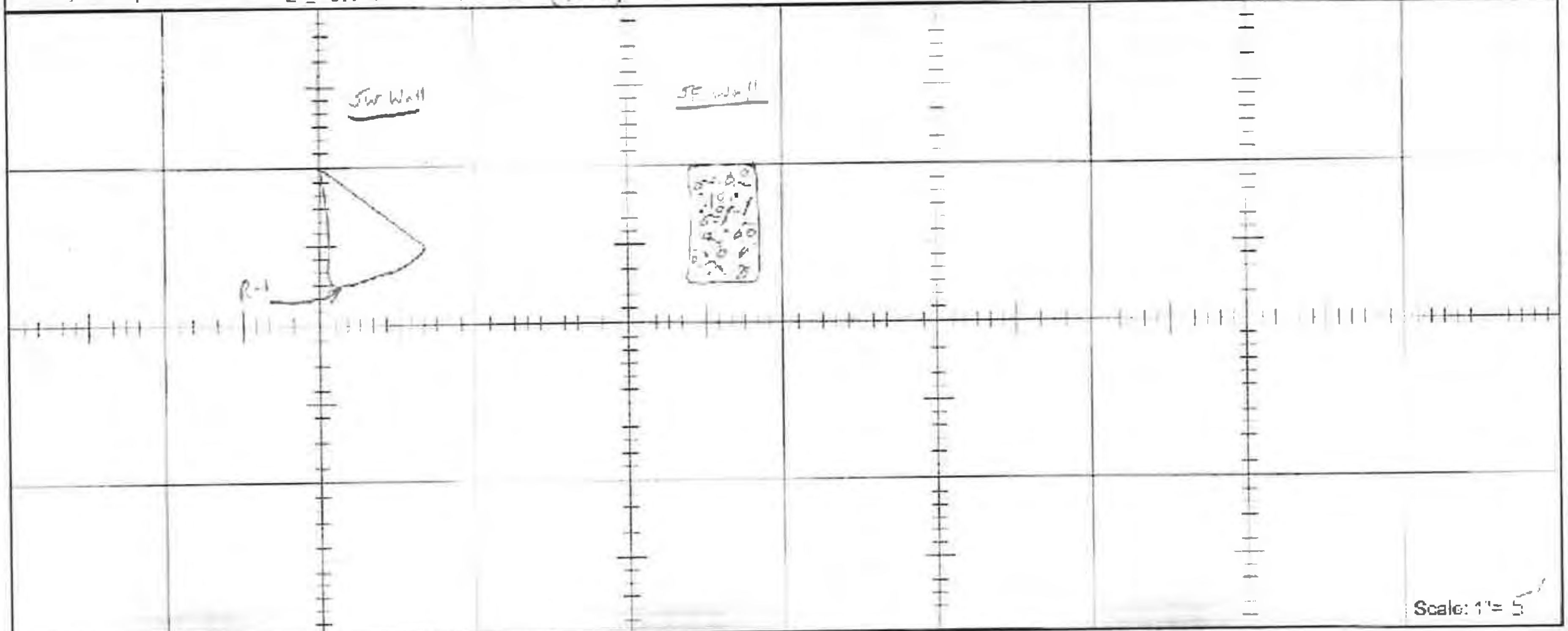
TRENCH NO.: T-7

BING YEN & ASSOCIATES, INC
Geotechnical & Environmental Consultants

Project Name: Calabasas City Hall	Location: Calabasas		Logged by: DN/CD
Project No.: 49.2 [illegible]	Equipment: [illegible]	Elevation: 989'	Date: 9-26-01

Geologic Attitudes	Description	Geologic Unit	Engineering Properties U.S.C.S.	Sample No.	Moisture (%)	Density (PCF)
	0-3.8' <u>Artificial Fill</u>: Silty sand w/ gravel, mottled olive gray to [illegible] dark [illegible] to yellowish brown, loose, dry to damp, [illegible] graded, fine- to med-grained; 20-25% [illegible] angular gravel [illegible] rock frags of [illegible] [illegible] scattered [illegible] to 12"	Af		R-1 @ 3.8'		
	TD 3.8' no water no caving					
	Backfilled 9-26-01					

Graphic Representation: SE Wall 1" = 5' (H+V) **Surface Slope:** 38° ± **Trend:** N50W →



Scale: 1"= 5'

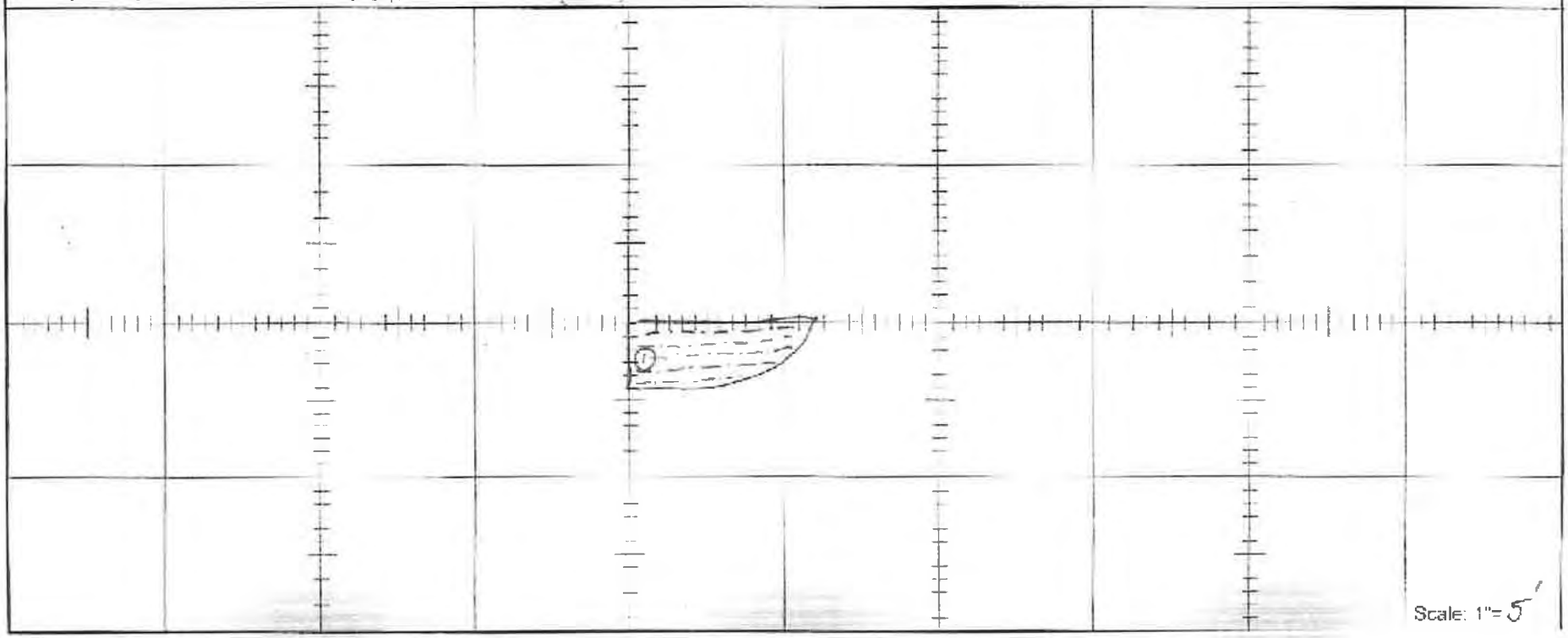
BING YEN & ASSOCIATES, INC
Geotechnical & Environmental Consultants

TRENCH NO.: T-8

Project Name: Calabasas City Hall Location: Calabasas
Project No.: 49.25043.0007 Equipment: Case 580 Elevation: 785' Logged by: BN/CD Date: 9-26-01

Geologic Attitudes	Description	Geologic Unit	Engineering Properties (U.S.C.S. | Sample No. | Moisture (%) | Density (PCF))
① B: N75W, 75SW	Modelo Formation: Dark gray siltstone, hard, dry, FeO2 staining, thinly bedded 0-2'	Tm	
	TD 2' No water No caving Backfilled 9-26-01		

Graphic Representation: SW Wall 1" = 5' (H=V) Surface Slope: Level Trend: N52W →



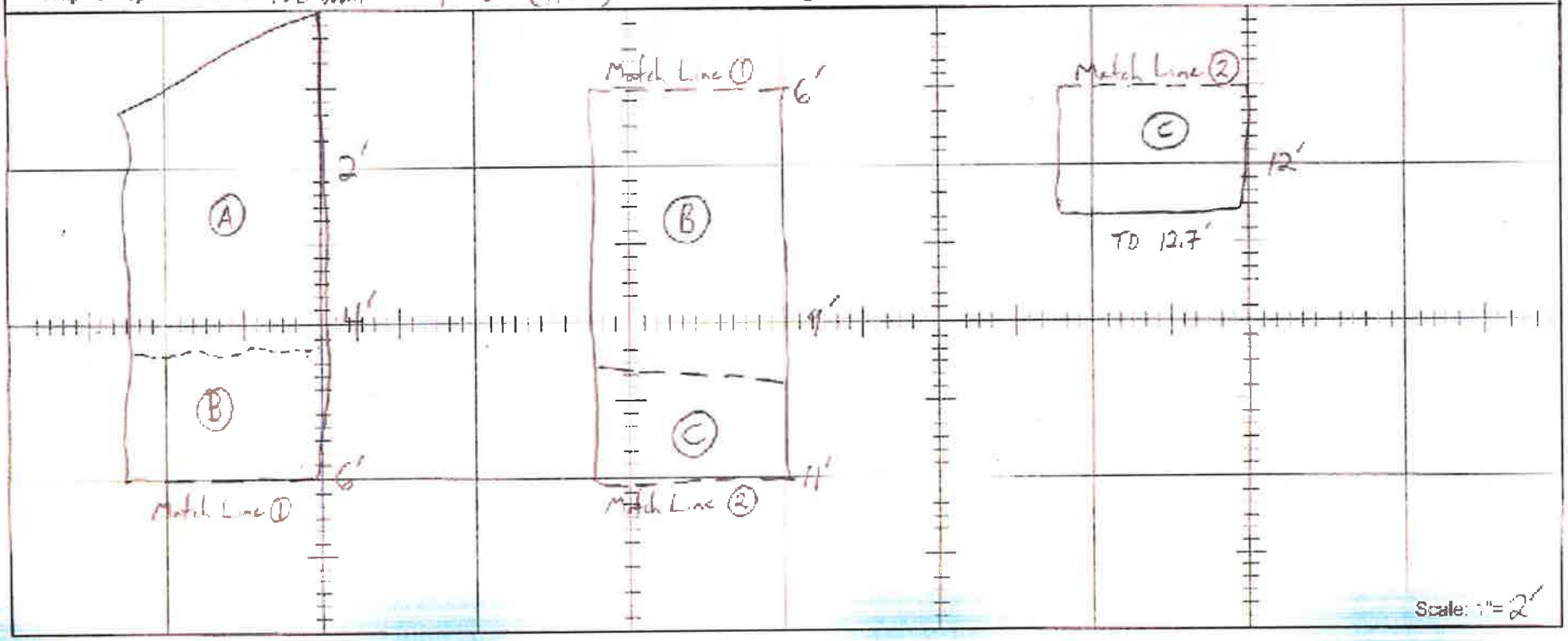
BING YEN & ASSOCIATES, INC
Geotechnical & Environmental Consultants

TRENCH NO.: T-9

Project Name: Calabasas City Hall Location: Calabasas
Project No: 49.2543.0007 Equipment: Hand-Dug Elevation: 1012-1014' Date: 10/10/01
Logged by: JK/CD

Geologic Attitudes	Description	Geologic Unit	Engineering Properties: U.S.C.S.	Sample No.	Moisture (%)	Density (PCF)
	(A) Artificial Fill: 0-4' Yellowish-brown sandy silt with clay, soft, dry to slightly damp, sl. plastic, roots and rootlets, gravel size rock fragments, rounded to sub-angular	Af				
	(B) 4-9.5' Dark yellowish brown sandy clays, sl. stiff, dry to sl. slightly damp, mod. plastic, abundant rootlets, gravel to cobble-size rock fragments of siltstone, sub angular					
(1) C: N5, 8E@ 9.5'	(C) Modelo Formation: 9.5-12.7' med. reddish brown to olive-brown, clayey siltstones and mudstones, hard, damp, FeOx stained, weathered, mod. fractured, rootlets along fractures, randomly oriented	Tm				
	TD 12.7' No Water. No caving. Backfilled and Tamped on 10-10-01. Borehole logged to TD by CD					

Graphic Representation: NE wall 1"=2' (H+V) Surface Slope: 32° Trend: N57W →



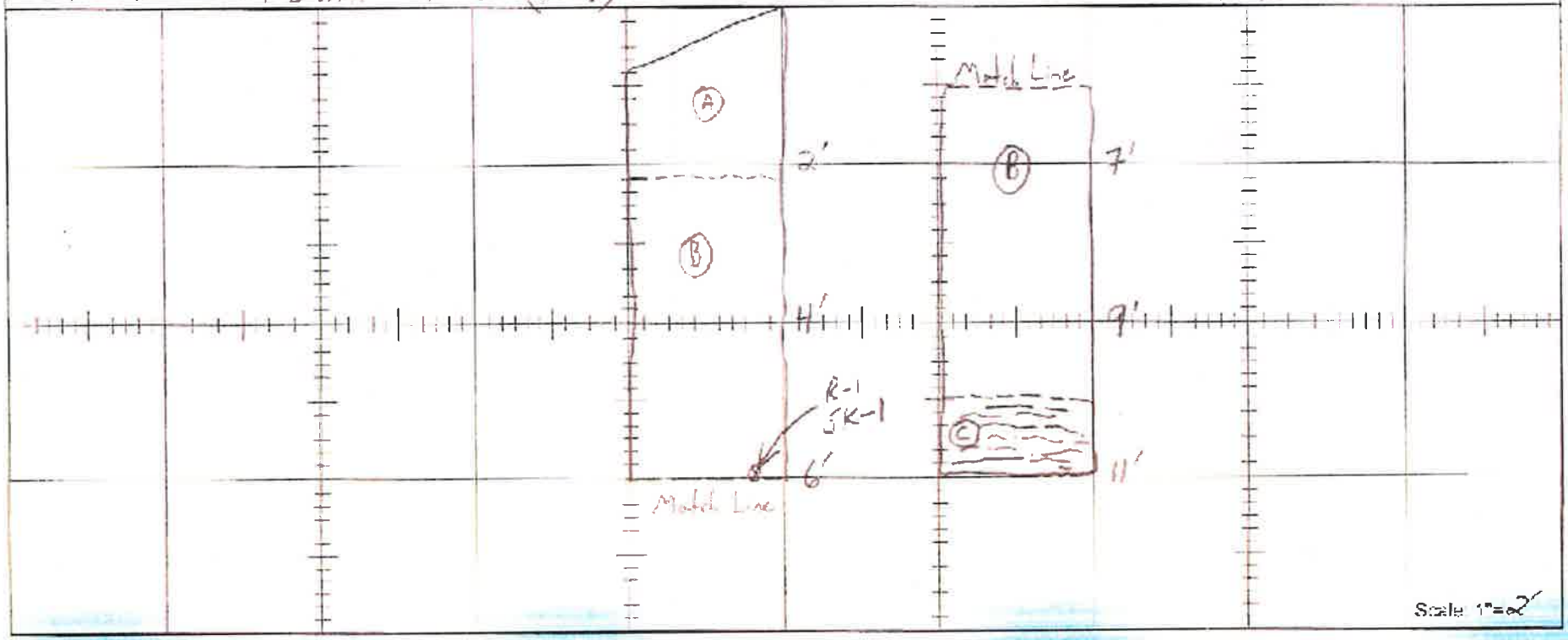
TRENCH NO.: T-10

BING YEN & ASSOCIATES, INC
Geotechnical & Environmental Consultants

Project Name: Calabasas City Hall Location: Calabasas Logged by: JK, CD
Project No: 43.25043.0007 Equipment: Hand-Dug Elevation: 1066' Date: 10/9/01, 10/10/01

Geologic Attitudes	Description	Geologic Unit	Engineering Properties: U.S.C.S.	Sample No.	Moisture (%)	Density (PCF)
① C: N53E, 34°NW, 9' (NE wall)	(A) Colluvium: 0-2' Dark brown clay with sand, soft, dry and moist, highly plastic, gravel-size clasts of siltstone, angular, abundant roots, porous			R-1 @ 6' SK-1 @ 6'		
	(B) 2-10' Dark yellowish-brown clay with minor sand, soft, sl. damp, moist, highly plastic, roots and rootlets, caliche on ped surfaces					
	(C) Modelo Formation: Dark olive green & yellowish brown mudstone and clayey siltstone, interbedded, hard, damp, weathered below contact, FeO2 staining, caliche, thinly bedded, sl. fractured, scattered root and rootlet					
	TD 11' No water No caving. Downhole logged to TD by JK, CD. Backfilled 10-10-01					

Graphic Representation: NE wall 1" = 2' (H=V) Surface Slope: 33° Trend: N 70 W →



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BORING LOG

CLIENT: City of Calabasas
PROJECT NAME: Calabasas City Hall
PROJECT LOCATION: Park Centre and Park Sorrento, Calabasas, California

BORING #: B-1
JOB #: 49.25043.0007
DRAWN BY: KGS
APPROVED BY: CD

DRILLING and SAMPLING INFORMATION

Date Started: 9/25/01
Date Completed: 9/25/01
Geologist: BN
Boring Method: Bucket Auger

Hammer Wt.: 3,723 lbs.
Hammer Drop: 12 in.
Spoon Sampler OD: ____ in.
Rock Core Dia.: ____ in.

SURFACE ELEVATION 978.0

SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Type	TEST DATA: Sample Recovery	Groundwater	Field Blow Counts (blows/foot)	Remarks
ARTIFICIAL FILL, Clayey SAND(SC), brown to gray, moist, trace gravel		1	SK-1	GRAB				
		2						
	2.5							
MODELO FORMATION, Clayey SILTSTONE, moderately weathered, olive orange-brown, damp, moderately hard, FeO_2, parting surfaces highly FeO_2 stained		3	R-2	SS			4	
		4						
		5	R-3	SS			3	
Silty CLAYSTONE, darker olive gray, damp, hard, competent rock		6						
		7						
		8						
		9	SK-4	GRAB				
	10.0	10	R-5	SS			10	
SILTSTONE, dark olive-green, damp, hard, unoxidized	11.0							
Boring completed to 10 feet. Sampled to 11 feet. No groundwater encountered during drilling. No caving. Backfilled with cuttings, 9/25/01.								

Sample Type
- SS - Driven Split Spoon
- CA - Pressed Shelby Tube- Continuous Flight Auger
- RC - Rock Core
- CU - Cuttings
- CT - Continuous Tube
- SPT - Standard Penetration Test

Depth to Groundwater
- At Completion (in augers) ____ ft.
- At Completion (open hole) ____ ft.
- Cave Depth ____ ft.

Boring Method
- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling
- AR - Air Rotary

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BORING LOG

CLIENT: City of Calabasas
PROJECT NAME: Calabasas City Hall
PROJECT LOCATION: Park Centre and Park Sorrento, Calabasas, California

BORING #: B-2
JOB #: 49.25043.0007
DRAWN BY: KGS
APPROVED BY: CD

DRILLING and SAMPLING INFORMATION

Date Started: 9/25/01
Date Completed: 9/25/01
Geologist: BN
Boring Method: Bucket Auger

Hammer Wt.: 3,723 lbs.
Hammer Drop: 12 in.
Spoon Sampler OD: in.
Rock Core Dia.: in.

SOIL CLASSIFICATION

SURFACE ELEVATION 981.0

Stratum Depth	Depth Scale	Sample No.	Sample Type	Sample Recovery	Groundwater	Field Blow Counts (blows/foot)	Remarks
	1	SK-1	GRAB				
1.5	2	R-2	SS			2	
	3						
	4						
	5	R-3	SS			5	
	6						
	7						
	8	SK-4	GRAB				
	9						
10.0	10	R-5	SS			7	Sample disturbed during bagging
11.0							

ARTIFICIAL FILL, Silty SAND(SM), dark brown, moist, with gravel

MODELO FORMATION, Clayey SILTSTONE, with inter-bedded sandstone, medium brown to orange-brown, medium hard, fine grained sandstone, thinly bedded, nearly vertical bedding, FeO_2 stained

SILTSTONE, black, damp, hard, competent, nearly vertical (70°+-), well bedded, thinly bedded

Boring completed to 10 feet.
Sampled to 11 feet.
No groundwater encountered during drilling.
No caving.
Backfilled with cuttings, 9/25/01.

Sample Type
- SS - Driven Split Spoon
- CA - Pressed Shelby Tube- Continuous Flight Auger
- RC - Rock Core
- CU - Cuttings
- CT - Continuous Tube
- SPT - Standard Penetration Test

Depth to Groundwater
- At Completion (in augers) _____ ft.
- At Completion (open hole) _____ ft.
- Cave Depth _____ ft.

Boring Method
- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling
- AR - Air Rotary

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BORING LOG

CLIENT: City of Calabasas
PROJECT NAME: Calabasas City Hall
PROJECT LOCATION: Park Centre and Park Sorrento, Calabasas, California

BORING #: B-3
JOB #: 49.25043.0007
DRAWN BY: KGS
APPROVED BY: CD

DRILLING and SAMPLING INFORMATION

Date Started: 9/25/01
Date Completed: 9/25/01
Geologist: BN
Boring Method: Bucket Auger

Hammer Wt.: 3,723 lbs.
Hammer Drop: 12 in.
Spoon Sampler OD: ____ in.
Rock Core Dia.: ____ in.

SURFACE ELEVATION 987.0

SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Type	Sample Recovery	Groundwater	Field Blow Counts (blows/foot)	Remarks
ARTIFICIAL FILL, Silty SAND(SM), with gravel, gray brown, moist, loose to medium dense			SK-1	GRAB				
MODELO FORMATION, SANDSTONE, brown, damp, moderately hard, fine grained, weathered, FeO_2 staining,	1.0	1						
		2						
		3						
SILTSTONE, black, damp, hard, unoxidized	3.5	4						
		5	R-2	SS			5	60° contact with light gray sandstone (dip).
Boring completed to 6 feet. No groundwater encountered during drilling. No caving. Backfilled with cuttings, 9/25/01.	6.0	6						

TEST DATA

Sample Type
SS - Driven Split Spoon
CA - Pressed Shelby Tube- Continuous Flight Auger
RC - Rock Core
CU - Cuttings
CT - Continuous Tube
SPT - Standard Penetration Test

Depth to Groundwater
At Completion (in augers) ____ ft.
At Completion (open hole) ____ ft.
Cave Depth ____ ft.

Boring Method
HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
DC - Driving Casing
MD - Mud Drilling
AR - Air Rotary

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BORING LOG

CLIENT: City of Calabasas
PROJECT NAME: Calabasas City Hall
PROJECT LOCATION: Park Centre and Park Sorrento, Calabasas, California

BORING #: B-4
JOB #: 49.25043.0007
DRAWN BY: KGS
APPROVED BY: CD

DRILLING and SAMPLING INFORMATION

Date Started: 9/25/01
Date Completed: 9/25/01
Geologist: BN
Boring Method: Bucket Auger

Hammer Wt.: 3,723 lbs.
Hammer Drop: 12 in.
Spoon Sampler OD: ____ in.
Rock Core Dia.: ____ in.

SURFACE ELEVATION 986.0

SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Type	Sample Recovery	Groundwater	Field Blow Counts (blows/foot)	Remarks
ARTIFICIAL FILL, Silty SAND(SM), moist, brown, some gravel	0.8		SK-1	GRAB				
MODELO FORMATION, Interbedded SANDSTONE and SILTSTONE, brown and tan to yellowish brown, damp, moderately hard, some oxidation		1						
		2	R-2	SS			2	
		3						
		4						
		5	R-3	SS			8	
		6						
		7						Harder drilling
Competent bedrock		8						
Unoxidized		9						
	10.0	10	R-4	SS			11	
SILTSTONE, black, hard, damp, crystalline	11.0							
Boring completed to 10 feet. Sampled to 11 feet. No groundwater encountered during drilling. No caving. Backfilled with cuttings, 9/25/01.								

TEST DATA

Sample Type
- SS - Driven Split Spoon
- CA - Pressed Shelby Tube- Continuous Flight Auger
- RC - Rock Core
- CU - Cuttings
- CT - Continuous Tube
- SPT - Standard Penetration Test

Depth to Groundwater
- At Completion (in augers) ____ ft.
- At Completion (open hole) ____ ft.
- Cave Depth ____ ft.

Boring Method
- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling
- AR - Air Rotary

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BORING LOG

CLIENT: City of Calabasas
PROJECT NAME: Calabasas City Hall
PROJECT LOCATION: Park Centre and Park Sorrento, Calabasas, California

BORING #: B-5
JOB #: 49.25043.0007
DRAWN BY: KGS
APPROVED BY: CD

DRILLING and SAMPLING INFORMATION

Date Started: 9/25/01
Date Completed: 9/25/01
Geologist: BN
Boring Method: Bucket Auger

Hammer Wt.: 3,723 lbs.
Hammer Drop: 12 in.
Spoon Sampler OD: in.
Rock Core Dia.: in.

SOIL CLASSIFICATION SURFACE ELEVATION 980.0	Stratum Depth	Depth Scale	Sample No.	Sample Type	Sample Recovery	Groundwater	Field Blow Counts (blows/foot)	Remarks
ARTIFICIAL FILL, Silty SAND(SM), with gravel, brown, moist, loose to medium dense			SK-1	GRAB				
		1						
			R-2	SS			4	
	2.0	2						
Clayey SILT(ML), mottled olive green to medium orangish brown, damp, stiff, asphalt and roots present	2.5							Sub-horizontal contact
BEDROCK, Clayey SILTSTONE, very oxidized		3						
		4						
		5	R-3	SS			2	
Less clay		6						
		7						
		8	SK-4	GRAB				
		9						
		10	R-5	SS			7	
		11						
Competent, unoxidized, siltstone, moist around contact (seepage)		12						Seepage on walls at unoxidized/oxidized contact in bedrock.
		13						
SILTSTONE, black, damp, very hard, unoxidized	14.0	14						
Boring completed to 14 feet. No caving. Downhole logged to 3' (to observe fill/bedrock contact).								

TEST DATA

Sample Type
- SS - Driven Split Spoon
- CA - Pressed Shelby Tube- Continuous Flight Auger
- RC - Rock Core
- CU - Cuttings
- CT - Continuous Tube
- SPT - Standard Penetration Test

Depth to Groundwater
- At Completion (in augers) _____ ft.
- At Completion (open hole) _____ ft.
- Cave Depth _____ ft.

Boring Method
- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling
- AR - Air Rotary

EXPLORATORY BORING LOG

PROJECT NAME: CIVIC CENTER - City of Calabasas
Project Number: 49.25043.0007

BORING NO.: B-6
Sheet 1 of 2

Project Location:	SW Corner of Park Sorrento and Park Center, Calabasas, California		
Date(s) Drilled:	03/10/2005	**Boring Diameter:** 24 inches	**Total Depth (ft):** 46 feet
Drill Rig Type/Method:	EZ BORE / Bucket-Auger	**Groundwater Levels:** Static groundwater not encountered, seeps noted below.	**~Surface Elev. (ft):** 989 feet
Drilling Subcontractor:	JS Construction	**Kelly Bar Weight (lbs.)** 3,800=0-24', 2,800=25-47', 1,800=48-69', 1,100=70-93'	**FIGURE NO. B-6**

Depth (ft)	SAMPLES Type	SAMPLES Number	SAMPLES Blows (12 in)	Geologic Attitudes	Graphic Log	Geologic Unit	MATERIAL DESCRIPTION	Moisture Content %	Dry Weight (pcf)	Other Tests and Remarks
0						af	**0 - 1.5 ft ARTIFICIAL FILL (af) -** Sandy CLAY with gravel: dark yellowish brown, medium stiff, very moist, mottled with yellowish brown s.s. gravels up to 1/4-in.			Begin drilling at 11:00 A.M. Hand-auger used from 0-3 ft
				f: at 3 ft N78W, 34NE		Tm	**1.5 - 46 ft MODELO FORMATION BEDROCK (Tm) -** Silty SANDSTONE: greenish gray to dark gray, generally massive, fine-grained, moderately fractured, slightly oxidized, mod. hard, few siltstone beds up to 1" thick interbedded, moderate cementation.			City on-site during initial setup
				B: at 6 ft N74E, 72SE				17.8	109.0	
5		1	5				*at 5 ft* - Gravel clasts up to 8 inches noted on SW headwall, lenticular			
							at 8 ft - Grades to Clayey Sandstone; slight increase in percent fines, sandstone is very fine- to fine-grained, moderately hard,			Drilling more difficult below 8 ft
							at 9 ft - Light Seepage noted on the NW headwall, light			
10		2	6	J: at 11 ft N88W, 21NE				16.5	110.0	
							at 11 ft - Seepage noted at 11 feet along bedding contact			
				B: at 12 ft N85W, 78NE			*at 12 ft* - Bedding weakly developed, distinguished by subtle grain size variations within sandstone unit			
								16.3	109.0	
15		3	8	f: at 15 ft N54E, 78SE			*at 15 ft* - Moderate seepage noted at 14.5 feet along fracture, seepage persistent to total depth when excavated downhole below 15 ft			Heavy Seepage noted during drilling at 14.5 ft
							Sandstone grades less clayey, olive gray, medium-grained			
								16.7	106.0	
20		4	8	B: at 21 ft N68W, 67SW			SANDSTONE with SILSTONE interbeds: dark greenish gray, fine-grained, generally massive to crudely stratified, moderately hard to hard, seepage common at contact between units, fractures not observed to be common in sandstone, siltstone is moderately fractured, moderately hard			
							Grades more clayey, seepage at 24 feet on NW headwall, siltstone units are steeply inclined to the west			
								16.0	110.0	
25		5	15				Boring is tight, material difficult to excavate manually			
30										

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Mod. Cal. Ring | SPT Sample | Bag Sample
Ring/Bag Sample | SPT/Bag Sample | Ground Water

EXPLORATORY BORING LOG

PROJECT NAME: CIVIC CENTER - City of Calabasas
Project Number: 49.25043.0007

Borehole No: B-6
Sheet 2 of 2

Project Location: SW Corner of Park Sorrento and Park Center, Calabasas, California

Date(s) Drilled: 03/10/2005	**Boring Diameter:** 24 inches	**Total Depth (ft):** 46 feet
Drill Rig Type/Method: EZ BORE / Bucket-Auger	**Groundwater Levels:** Static groundwater not encountered, seeps noted below.	**~Surface Elev. (ft):** 989 feet
Drilling Subcontractor: JS Construction	**Kelly Bar Weight (lbs.)** 3,800=0-24', 2,800=25-47', 1,800=48-69', 1,100=70-93'	**FIGURE NO. B-6**

Depth (ft)	SAMPLES Type	Number	Blows (6 in)	Geologic Attitudes	Graphic Log	Geologic Unit	MATERIAL DESCRIPTION	Moisture Content %	Dry Weight (pcf)	Other Tests and Remarks
30		6	14			Tm	**30 - 51 ft Cont.** <u>MODELO FORMATION BEDROCK (Tm)</u>- Interbedded SILTSTONE and fine-grained SANDSTONE: gray, thinly to medium bedded, moderately fractured, moderately hard to hard, sandstone interbeds commonly 6-in. thick, oxidized, well cemented, contacts between units generally sharp	15.7	115.0	
				B: at 33 ft N82W, 75SW			Difficult to obtain detailed information due to water moving down the excavation sidewalls; bedding appears to be consistently inclined at steep angles throughout section; observable units traced vertically without any apparent separation below this depth			
35		7	18					15.8	108.0	
				B: at 39 ft N72W, 72SW				13.4	116.0	
40		8	17							
										Begin Downhole Obser. at 1:40 PM End at 2:30 PM Downhole gear heavily soiled with excavated materials upon completion.
45		9	23					12.2	118.0	
							TOTAL DEPTH - 46 feet			
							Static groundwater conditions were not observed upon completion, *Light to moderate seeps were noted at vertical depths of 11, 15, and 21' to total depth. Heavy seepage at 14.5 feet observed during drilling.*			
50							*Boring backfilled with tamped drill cuttings on 3-10-05.*			
							Staff Geologist for Leighton & Associates, Inc. arrived on-site at ~2:45 PM and requested to visually observe subsurface conditions exposed in B-8.			
55										
60										

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Mod. Cal. Ring | SPT Sample | Bag Sample
Ring/Bag Sample | SPT/Bag Sample | Groundwater

EXPLORATORY BORING LOG

PROJECT NAME: CIVIC CENTER - City of Calabasas
BORING NO.: B-7
Project Number: 49.25043.0007
Sheet 1 of 1

Project Location: SW Corner of Park Sorrento and Park Center, Calabasas, California

Date(s) Drilled: 03/10/2005	**Boring Diameter:** 24 inches	**Total Depth Drilled (ft):** 26 feet	
Drill Rig Type/Method: EZ BORE / Bucket-Auger	**Groundwater Levels:** Static at 18 feet; probable perched condition; seepage noted at depths specified below	**Apr. Surface Elev. (ft):** 978 feet	
Drilling Subcontractor: JS Construction	**Kelly Bar Weight (lbs.):** 3,800=0-24', 2,800=25-47', 1,800=48-69', 1,100=70-93'	**FIGURE NO. A-5**	

Depth (ft)	SAMPLES Type	Number	Blows (6 in)	Geologic Attitudes	Graphic Log	Geologic Unit	MATERIAL DESCRIPTION	Moisture Content %	Dry Weight (pcf)	Other Tests and Remarks
0						af	**0 - 2 ft ARTIFICIAL FILL (af) -** Silty Clayey SAND: dark yellowish brown, medium dense, very moist, trace gravel up to 1/4-in.			Begin drilling at 3:00 P.M. Hand-auger used from 0-3 ft
						Tm	**2 - 26 ft MODELO FORMATION BEDROCK (Tm) -** Interbedded SHALE and SILTSTONE: gray to dark gray (Shale), thinly laminated to bedded, moderately fractured, slightly oxidized, mod. hard, ,secondary clay devel along fracture and bedding planes contacts between units somewhat gradational, shale is fissile.			
5		1	10	B: at 5 ft N75W, 72SW			*at 4 ft* - Light seepage observed on NW headwall along fracture.	21.0	101.0	
				S: at 7 ft N35W, 42NE			*at 7 ft* - SHEAR: 1-in. thick dark brown CLAY seam, moist, med. plasticity, offset not known, juxtaposes similar units			
				B: at 9 ft N75W, 68SW			*at 8.5 ft* - Sandstone beds more common than siltstone, 2-in. thick *at 9 ft* - Light seepage observed on NW headwall			
10		2	11	J: at 10 ft N35W, 41SW			SHALE: color grades to very dark gray, becomes unoxidized, mod. hard to hard, light gray sandstone beds up to 6-in., gen. massive minor oxidation along contacts with shale Gray SILTSTONE less common below 10 ft.	19.5	101.0	
				B: at 12 ft N85W, 78NE			*at 12.5 ft* - Light seepage observed on NW headwall			
15		3	14				*at 15 ft* - Heavy seepage observed along bedding, static water conditions during downhole at 18 ft; therefore ~16-25 ft not observed downhole.	22.1	98.0	Heavy Seepage during drilling at 15 ft
							▽			
20		4	11				SHALE: samples are same as described, bedding appears to be near vertical based on visual observation of orientations in rings	22.8	98.0	Begin Downhole Obser. at 4:10 PM End at 4:45 PM
25		5	11					21.1	102.0	Left Site at 5:40 PM
							TOTAL DEPTH - 26 feet Groundwater static at 18 feet b.g.s. upon completion of downhole observation. Unable to downhole below 18 ft. *Minor Seepage observed at 4, 9, and 12.5 feet. Heavy seepage at 15 observed during drilling.* *Boring backfilled with tamped drill cuttings on 3-10-05.*			
30										

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Mod. Cal. Ring | SPT Sample | Bag Sample
Ring/Bag Sample | SPT/Bag Sample | Ground Water

EXPLORATORY BORING LOG

PROJECT NAME: CIVIC CENTER - City of Calabasas
BORING NO.: B-8
Project Number: 49.25043.0007
Sheet 1 of 2

Project Location: SW Corner of Park Sorrento and Park Center, Calabasas, Calfornia

Date(s) Drilled: 03/21/2005	**Boring Diameter:** 24 inches	**Total Depth (ft):** 46 feet	
Drill Rig Type/Method: EZ BORE / Bucket-Auger	**Groundwater Levels/Date:** Static groundwater not observed on 3-21-05, seepage noted below, peizometer installed	**Surface Elev. (ft):** 989 feet	
Drilling Subcontractor: JS Construction	**Kelly Bar Weight (lbs.)** 3,800 =0-24', 2,800=25-47', 1,800=48-69', 1,100=70-93'	**FIGURE NO. B-**	

Depth (ft)	SAMPLES Type	SAMPLES Number	SAMPLES Blows (12 in)	Geologic Attitudes	Graphic Log	Geologic Unit	MATERIAL DESCRIPTION	Moisture Content %	Dry Weight (pcf)	Other Tests and Remarks
0						af	0 - 0.5 ft ARTIFICIAL FILL (af) - Sandy CLAY with gravel: dark yellowish brown, medium stiff, very moist, mottled with yellowish brown s.s. gravels up to 3/4-in.			Begin drilling at 8:45 A.M. Hand-auger used from 0-2 ft
							0.5 - 46 ft MODELO FORMATION BEDROCK (Tm) - SILTSTONE with SANDSTONE interbeds: gray with reddish brown staining (highly oxidized), thinly laminated to bedded, mod. to highly fractured with clay infilling along joint and bedding planes common, bedding locally contorted, material locally expansive, sandstone typically about 4 inches thick, fine- to medium-grained, massive			
				B: at 2.5 ft N56W, 66NE		Tm				
5				S: at 6 ft N5W, 74NE				25.1	96.0	
	1	6		B: at 6.5 ft N86W, 26NE			at 6 ft - 1/2" clay gouge, juxtaposes similar units, offset not determined			
				S: at 7 ft N86W, 74NE			at 6.5 ft - Bedding on sandstone and siltstone contact, not considered representative			
							at 7 ft - SHEAR: 1-in. thick dark brown CLAY seam, moist, med. plasticity, offset not known, juxtaposes similar units			
							Bedding above shear is contorted and undulatory			Water noted during sample at 10 ft, light
							at 8.5 ft - Sandstone beds more common than siltstone, 2-in. thick			
10							*at 9 ft* - Light seepage observed on NW headwall	22.2	98.0	
	2	16		J: at 10 ft N20E, 25NW			at 11 ft - Interbedded SILTSTONE and SANDSTONE, less common dark gray SHALE; seepage found along bedding contacts, material above 11 ft considered weathered, below 11 boring is tight			
				C: at 12 ft N75E, 40SE			*at 12.5 ft* - Light seepage observed on NW headwall Siltstone predominate rock type, light gray sandstone; Siltstone is gray to dark gray, moderately hard to hard, locally more clayey. Contact with sandstone generally sharp, bedding steeply inclined, somewhat undulatory			
15								15.4	115.0	
	3	11		F: at 15' N71E, 74NW			*at 15 ft* - 1" thick silty CLAY seam, dark brown, medium plastic, moist, seepage along contact			
				J: at 16' N26E, 25NW			Seepage common when material is excavated to total depth			
							Bedding steeply inclined to north, seepage is light to moderate below 16, material interbedded shale, siltstone, and minor sandstone.			
20								25.3	91.0	
	4	11		S: at 20' N20E, 29NW F: at 20.5' N65E, 34SE B: at 21' N76W, 67SW			at 21 ft - Lt. gray sandstone encountered at 21 ft, steeply dipping, 6 in. thick, in contact with dark gray siltstone, unit continuous to total depth			
25							Bedding more consistent to the north, steeply dipping, somewhat undulatory at steep angles	17.2	103.0	
	5	15								
30								22.1	96.0	

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Geotechnical & Environmental Consultants, Est. 1979

Mod. Cal. Ring | SPT Sample | Bag Sample
Ring/Bag Sample | SPT/Bag Sample | Groundwater

PROJECT NAME:	**CIVIC CENTER - City of Calabasas**	**Borehole No: B-8**	
Project Number:	49.25043.0007	*Sheet 2 of 2*	
Project Location:	SW Corner of Park Sorrento and Park Center, Calabasas, California		
Date(s) Drilled:	03/21/2005	**Boring Diameter:** 24 inches	**Total Depth (ft):** 46 feet
Drill Rig Type/Method:	EZ BORE / Bucket-Auger	**Groundwater Levels/Date:** Static groundwater not observed on 3-21-05, seepage noted below, peizometer installed	**Surface Elev. (ft):** 989 feet
Drilling Subcontractor:	JS Construction	**Kelly Bar Weight (lbs.)** 3,800 =0-24', 2,800=25-47', 1,800=48-69', 1,100=70-93'	**FIGURE NO. B-**

Depth (ft)	SAMPLES Type	Number	Blows (6 in)	Geologic Attitudes	Graphic Log	Geologic Unit	MATERIAL DESCRIPTION	Moisture Content %	Dry Weight (pcf)	Other Tests and Remarks
30		6	16	B: at 30 ft N76W, 80SW		Tm	**30 - 51 ft Cont.MODELO FORMATION BEDROCK (Tm)**- Interbedded SILTSTONE and fine-grained SANDSTONE: gray, thinly to medium bedded, moderately fractured, moderately hard to hard, sandstone interbeds commonly 6-in. thick, oxidized, well cemented, contacts between units generally sharp Difficult to obtain detailed information due to water moving down the excavation sidewalls; bedding appears to be consistently inclined at steep angles throughout section; observable units traced vertically without any apparent separation below this depth	22.1	96.0	
35		7	15	B: at 36 ft N78W, 78SW			Material generally less fractured, consists mainly of siltstone with minor sandstone	36.6	87.0	
40		8	12				*at 42 ft* - Moderate Seepage noted during drilling at 42 feet.	19.5	104.0	
45		9	17					21.1	99.0	Begin Downhole Obser. at 11:00 AM End at 12:00 PM Downhole gear heavily soiled with excavated materials upon completion.
50							**TOTAL DEPTH - 46 feet** Static groundwater conditions were not observed upon completion, *Light to moderate seepage noted at depths of 11, 14, 17, 21, 26, 34, and 41 feet.* *Boring backfilled with #2 Coarse gravel surrounding 3-in. perforated PVC casing from 23-43 feet and blank (solid) 3-in. PVC casing from 3-23 feet; tamped drill cuttings placed from 0-3'.* *Staff Geologist from Leighton & Associates, Inc. (City Reviewer) performed a downhole inspection from 12:00 PM to 1:15 PM and our findings were discussed in the field following.*			
55										
60										

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Mod. Cal. Ring | SPT Sample | Bag Sample
Ring/Bag Sample | SPT/Bag Sample | Groundwater

EXPLORATORY BORING LOG

PROJECT NAME: CIVIC CENTER - City of Calabasas
BORING NO.: B-9
Project Number: 49.25043.0007
Sheet 1 of 1

Project Location: SW Corner of Park Sorrento and Park Center, Calabasas, Calfornia

Date(s) Drilled:	3/21/2005	**Boring Diameter:**	24 inches	**Total Depth (ft):**	26 feet
Drill Rig Type/Method:	EZ BORE / Bucket-Auger	**Groundwater Levels/Date:**	Static cond. observed at 22 ft on 3/21/05; piezometer installed; 9 ft bgs on 5/29/05	**Surface Elev. (ft):**	974 feet
Drilling Subcontractor:	JS Construction	**Kelly Bar Weight (lbs.)**	3,800 =0-24', 2,800=25-47', 1,800=48-69', 1,100=70-93'		

FIGURE NO. B-9

Depth (ft)	SAMPLES Type	SAMPLES Number	SAMPLES Blows (12 in)	Geologic Attitudes	Graphic Log	Geologic Unit	MATERIAL DESCRIPTION	Moisture Content %	Dry Weight (pcf)	Other Tests and Remarks
0						af	**0 - 2.5 ft ARTIFICIAL FILL (af)** - 0-1' Base Gravel, 3/4-in. clasts			Begin drilling at 1:30 A.M. Hand-auger used from 0-3 ft
							1-2 ft, Sandy CLAY: dark yellowish brown, stiff, very moist, trace gravel up to 1/4-in.			
				B: at 3 ft N82W, 26NE		Tm	**2.5 - 26 ft MODELO FORMATION BEDROCK (Tm)** - SILTSTONE with occasional SANDSTONE interbeds: gray, thinly to medium bedded, mod. to highly fractured, moderately hard to hard, sandstone interbeds commonly 6-in. thick, oxidized, well cemented, contacts between units generally sharp, mottled reddish brown			
5		1	3	S: at 5.5 ft N58E, 32NW f: at 7ft N58E, 32NW			*at 5.5 ft* - SHEAR: 1/2-in. thick brown CLAY seam, moist, undulatory, apparent reverse offset of about 1.5 in. based on similarities of juxtaposed siltstone beds Bedding below shear is contorted and undulatory, boring is tight	30.2	89.5	
						▽ =	*at 9 ft* SANDSTONE unit more common, gray, fine-grained, generally massive, damp, jointing not as pervasive, heavily oxidized			
10		2	5	B: at 10ft N15E, 32SE				35.7	83.3	
				C: at 12 ft N75E, 40SE			*12 - 26 ft* SHALE : very dary gray, thinly laminated to bedded, mod. hard to hard, fissile, parts with some difficulty along bedding, boring is tight, moderate seepage on south headwall of boring to total depth along contact measured at 16'			
15		3	15	B: at 14 ft N71W, 41SW C: at 16 ft N75E, 65NW			2 - ft thick SILTSTONE interbed: dark gray, slightly to mod. fractured, unoxidized, generally tight, material releases water when scrapped Contact between Shale and Siltstone, Material difficult to excavate, Seepage along Contact between units, Shale unit appears wet	23.4	96.4	
20		4	11				Shale difficult to scrap manually	22.8	98.7	
						▽ =	Slightly odiferous, bedding not discernable due to localized strong cementation			Begin Downhole Obser. at 2:30 PM Dowhole completed at 3:05PM
25		5	16					26.0	92.9	Standpipe Piezometer = 20 ft perf.3 in. PVC 8 ft blank 3 in. PVC *Coars e #2 gravel used for backfill from 3-26 ft.*
30							**TOTAL DEPTH - 26 feet** Static groundwater at 22 ft below grade upon completing downhole. Standpipe peizometer installed to 25 ft to monitor groundwater levels. *Minor Seepage observed on southern headwall from 12 to 22 feet.* *Boring backfilled with #2 gravel to upper 3 ft, cuttings from 0-3 ft.* Water levels were remeasured on 5/29/05 and static at 9 ft.			

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Mod. Cal. Ring | SPT Sample | Bag Sample
Ring/Bag Sample | SPT/Bag Sample | Groundwater

APPENDIX C
LABORATORY TESTING
(From BYA 2005)

APPENDIX C

LABORATORY TESTING

LABORATORY TESTING

Selected soil samples obtained from borings were tested to determine their classification indices and to evaluate some of the engineering properties of underlying materials. Tests performed included: moisture content, dry unit weight, percent passing number 200 sieve, expansion index, direct shear, compaction (method D-1557), consolidation, and hydrocollapse potential. Test results are attached in the accompanying figures in this appendix.

REFERENCE STANDARDS USED

The following ASTM (American Society for Testing and Materials) codes and standards were used. The most recent revision of the standards shall be used:

D422 - "*Standard Test Method for Particle-Size Analysis of Soils*"

D1557 - "*Standard Test Methods for Moisture-Density Relations of Soils and Soil-Aggregate Mixtures Using 10-lb (4.54 kg) and 18-inch (457-mm) Drop*"

D2216 - "*Standard Test Method for Laboratory Determination of Water (Moisture) Content of Soil, Rock, and Soil-Aggregate Mixtures*"

D4829 - "*Standard Test Method for Expansion Index of So*ils"

D3043 – "*Direct Shear Test of Soils under Consolidated Drained Conditions*"

D2435 – "*One-Dimensional Consolidation Properties of Soils by Consolidometer*"

D5333 – "*Collapse Potential-Soils (unsaturated)*"

Project: **Calabasas City Hall** Job Number: **49.25043.0007** Sheet 1 of 1

Tested by: HK Project Description:

Location:

Borehole Depth Elev.	Specimen Description LL	PL	PI	Fines	Wet Density	Dry Density	Water Content	Classification	Sample Data % Saturation	Void Ratio	Porosity
B-1 5.5	Dark Greyish Brown Silty CLAYSTONE (CL) Berock				115.1	88.2	30.6		90.5	0.91	
B-1 5.5	Dark Brown Silty CLAYSTONE (CL) Bedrock				114.2	85.1	34.2		94.1	0.88	
B-1 10.5	Dark Greyish Brown Silty CLAYSTONE (CL) Bedrock				123.3	101.3	21.8		88.6	0.66	
B-2 2.0	Brown Silty CLAYSTONE (CL) Bedrock				119.1	95.1	25.3		88.4	0.77	
B-2 5.5	Greyish Brown Silty CLAYSTONE (CL) Bedrock				118.1	92.4	27.8		91.2	0.82	
B-2 10.5	Dark Greyish Brown Clayey SILTSTONE (ML) Bedrock				118.0	94.8	24.6		85.2	0.78	
B-3 5.5	Light Olive Gray SANDSTONE (SM)				129.3	111.3	16.2		85.0	0.51	
B-4 2.0	Dark Brown CLAYSTONE (CL) Bedrock				115.8	95.2	21.6		75.8	0.77	
B-4 5.5	Dark Brown CLAYSTONE (CL) Bedrock				128.0	110.1	16.3		82.0	0.53	
B-4 10.5	Dark Greyish Brown SILTSTONE (ML) Bedrock				127.6	111.8	14.1		75.0	0.51	
B-5 2.0	Dark Brown CLAYSTONE (CL) Bedrock				139.0	120.2	15.6		104.7	0.40	
B-5 5.5	Brown CLAYSTONE (CL) Bedrock				147.2	125.6	17.2		135.8	0.34	
B-5 10.5	Dark brown CLAYSTONE (CL) Bedrock				144.8	124.3	16.5		125.1	0.35	
T-6 5.5	Light Brown Sandy CLAY (CL)				108.1	96.0	12.6		45.0	0.76	
T-7 3.5	Dark Brown Silty CLAY (CL)				108.3	96.9	11.8		43.1	0.74	

Summary of Material Properties

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Geotechnical & Environmental Consultants. Est. 1979
17701 Mitchell North, Irvine, California 92714-6029
Telephone: (714) 757-1941 Facsimile: (714) 757-1943

Project Name: Calabasas City Hall
Project Number: 49.25043.0007

Summary of Expansion Index tests

Location	Depth/Elev. (ft.)	Sample Description	E. I.
Bya-3	5.0-6.0	Light Olive Gray Silty SAND w/ Clay (SM/SC)	8
Bya-5	0.0-1.0	Light Brown Sandy CLAY (CL)	42

Note: Expansion Index tests were performed according to ASTM-D4829

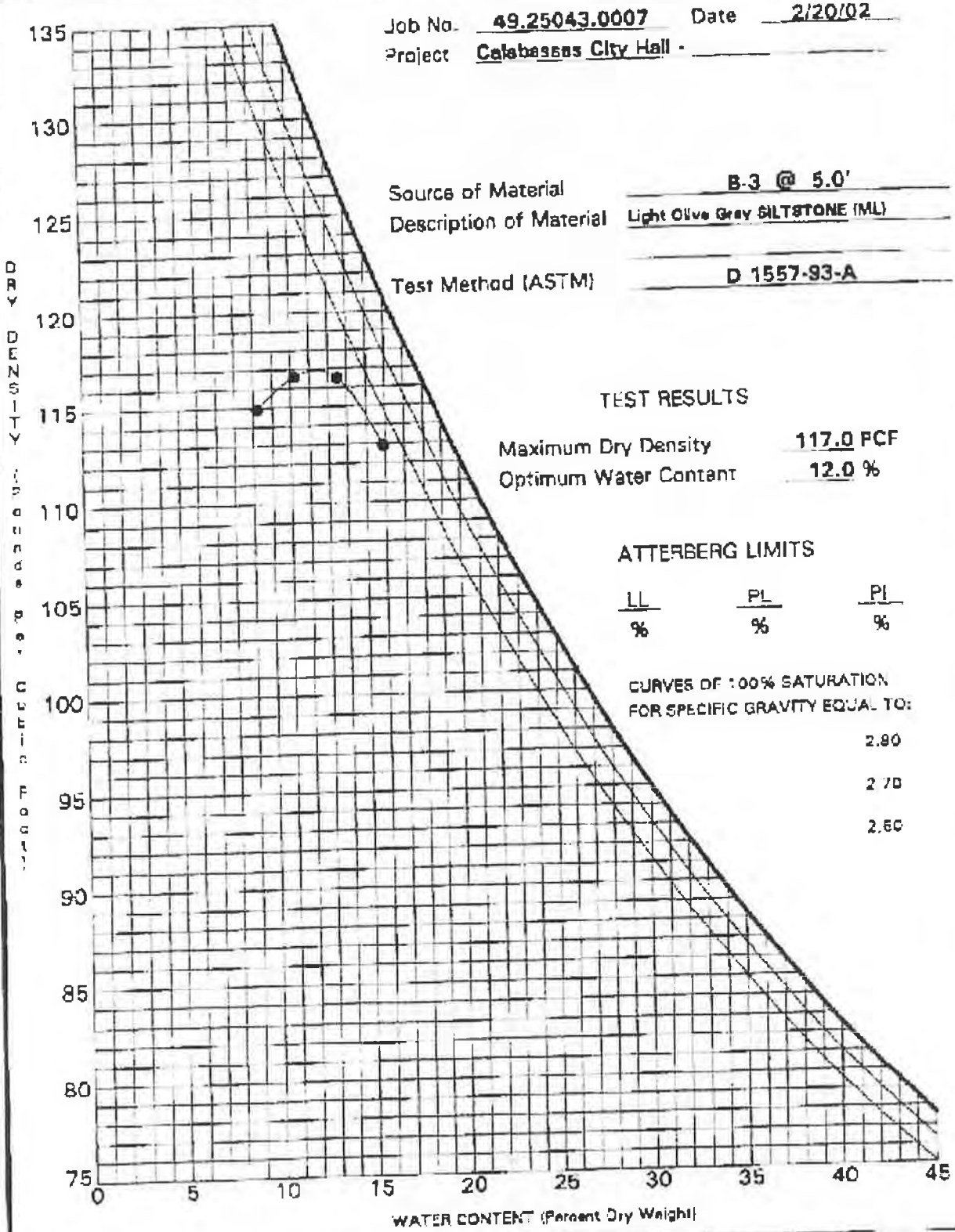
Job No. 49.25043.0007 Date 2/20/02

Project Calabasas City Hall -

Source of Material B-3 @ 5.0'

Description of Material Light Olive Grey SILTSTONE (ML)

Test Method (ASTM) D 1557-93-A



TEST RESULTS

Maximum Dry Density	117.0 PCF
Optimum Water Content	12.0 %

ATTERBERG LIMITS

LL	PL	PI
%	%	%

CURVES OF 100% SATURATION FOR SPECIFIC GRAVITY EQUAL TO:

2.80

2.70

2.60

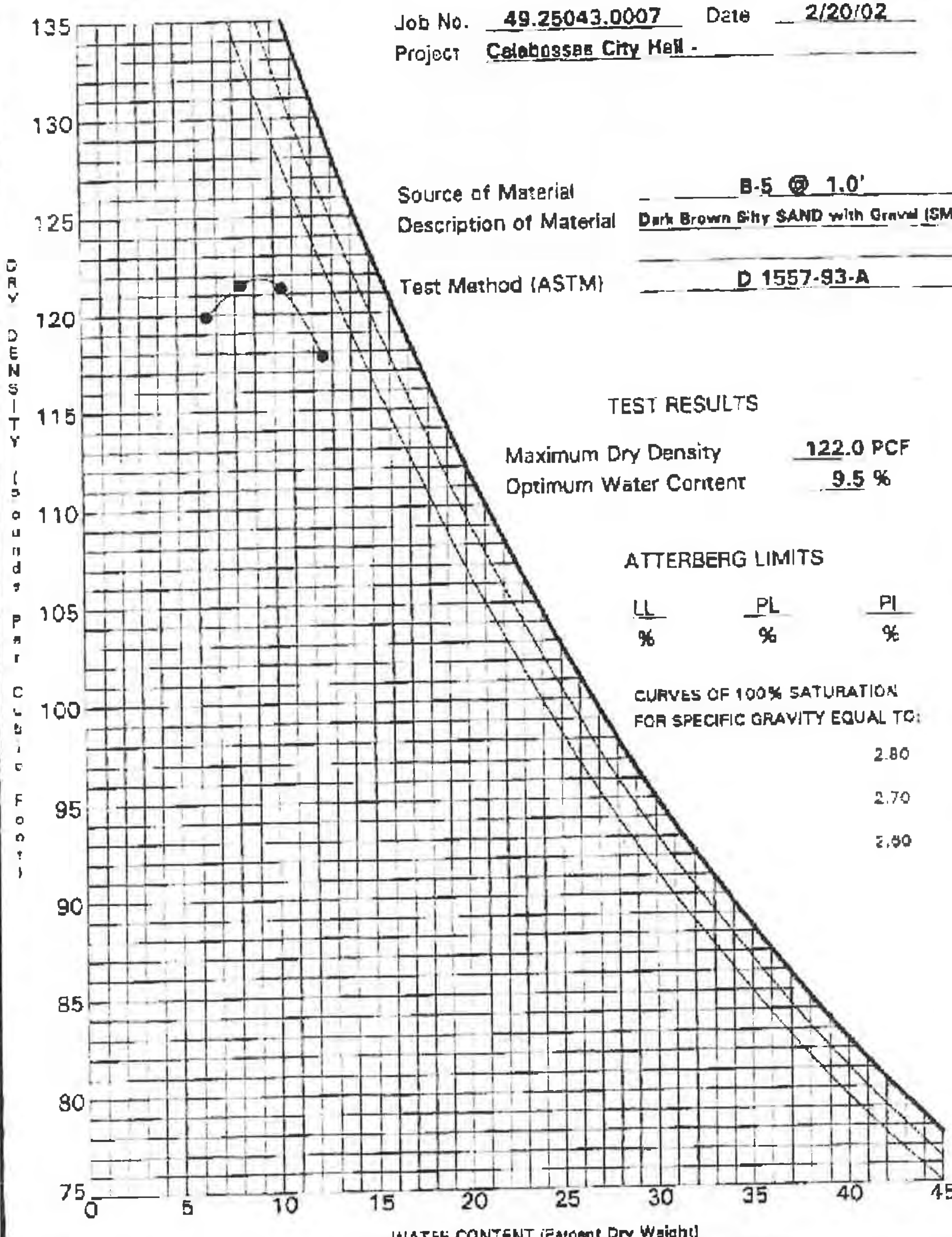
MOISTURE-DENSITY RELATIONSHIP

BING YEN AND ASSOCIATES

IRVINE, CA

Job No. 49.25043.0007 Date 2/20/02

Project Calabasses City Hall -



Source of Material B-5 @ 1.0'

Description of Material Dark Brown Silty SAND with Gravel (SM)

Test Method (ASTM) D 1557-93-A

TEST RESULTS

Maximum Dry Density 122.0 PCF

Optimum Water Content 9.5 %

ATTERBERG LIMITS

LL	PL	PI
%	%	%

CURVES OF 100% SATURATION FOR SPECIFIC GRAVITY EQUAL TO:

2.80

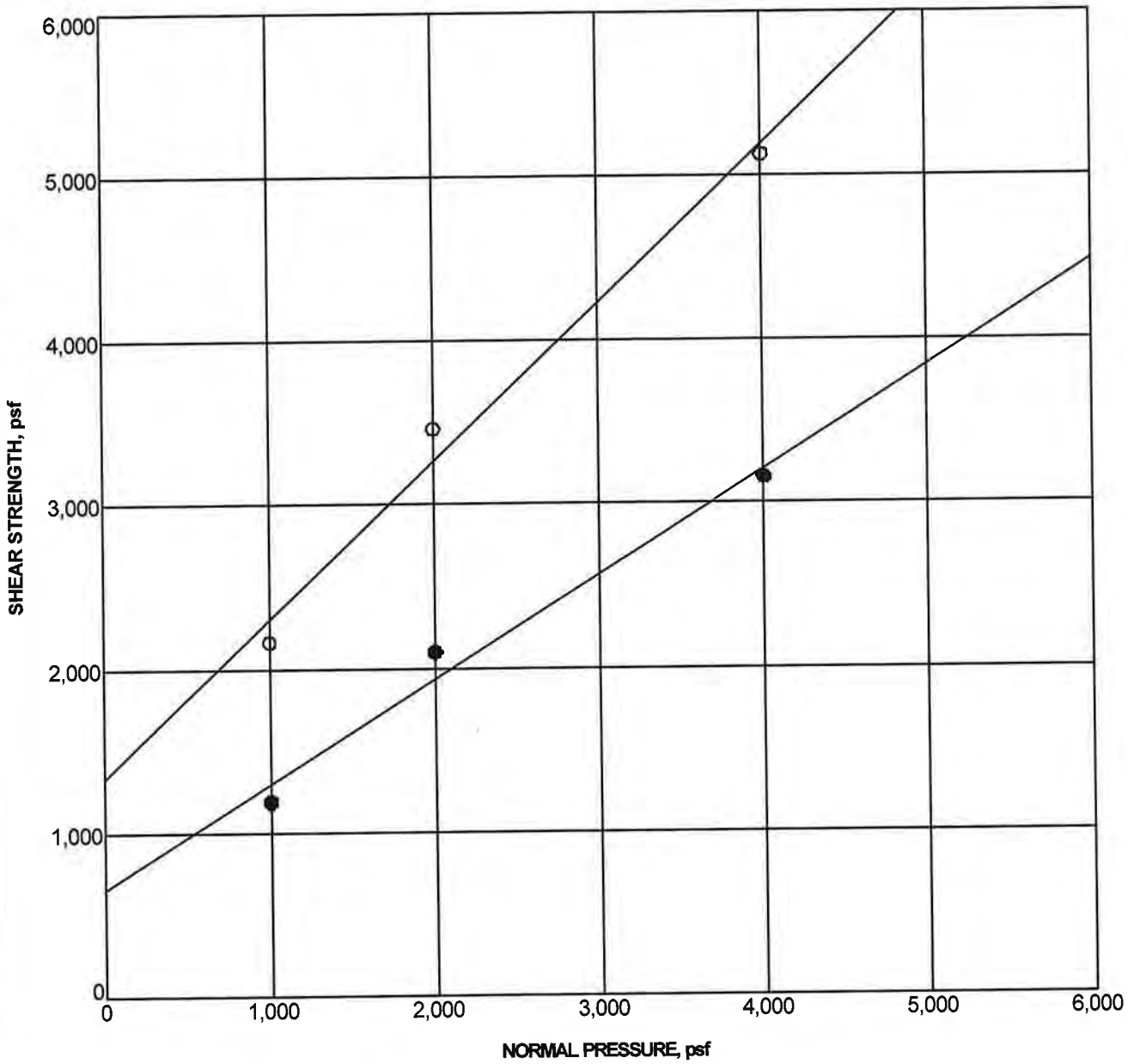
2.70

2.60

MOISTURE-DENSITY RELATIONSHIP

BING YEN AND ASSOCIATES

IRVINE, CA



○ -Peak Shear ● - Ultimate Shear - Residual Shear

	Specimen Identification	Classification	γ_d	MC%	c	ϕ
○	B-6 at 15.5 ft	Gray Silty SANDSTONE	107.6	18.7	1330	44
●	B-6 at 15.5 ft		107.6	21.1	660	33

DIRECT SHEAR TEST

Project: City of Calabasas
Location: Civic Center
Project No.: 49.25043.0007

Date: Jun 05

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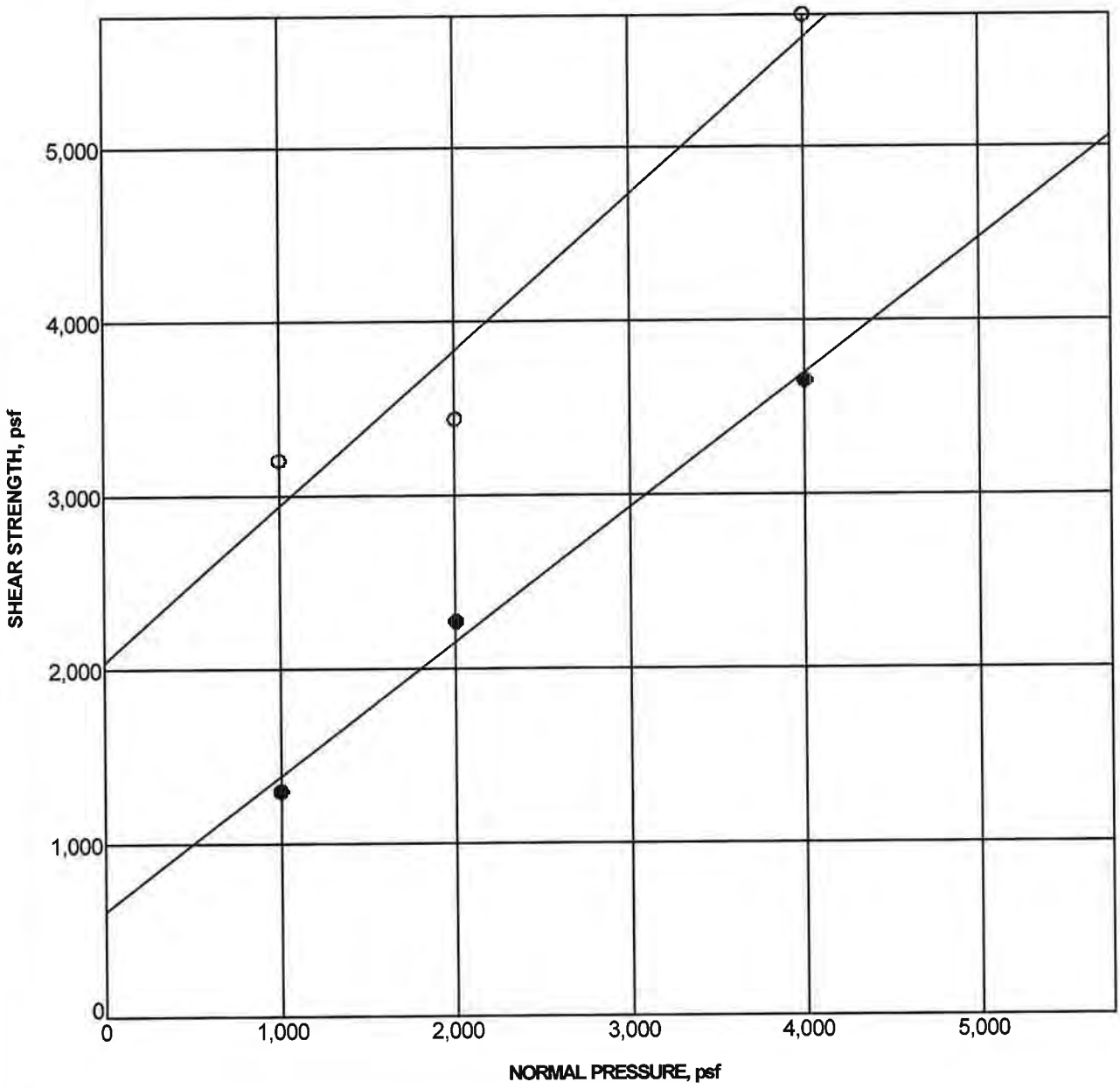
Geotechnical & Environmental Consultants

Report: BYA DIRECT_SHEAR US; File: 49.25043.0007.GPJ; 6/2/05; ID B-1



○ -Peak Shear ● - Ultimate Shear - Residual Shear

	Specimen Identification	Classification	γ_d	MC%	c	ϕ
○	B-8 at 15.0 ft	Dark Brown SILTSTONE	104.7	22.7	2045	42
●	B-8 at 15.0 ft		104.7	23.8	606	38

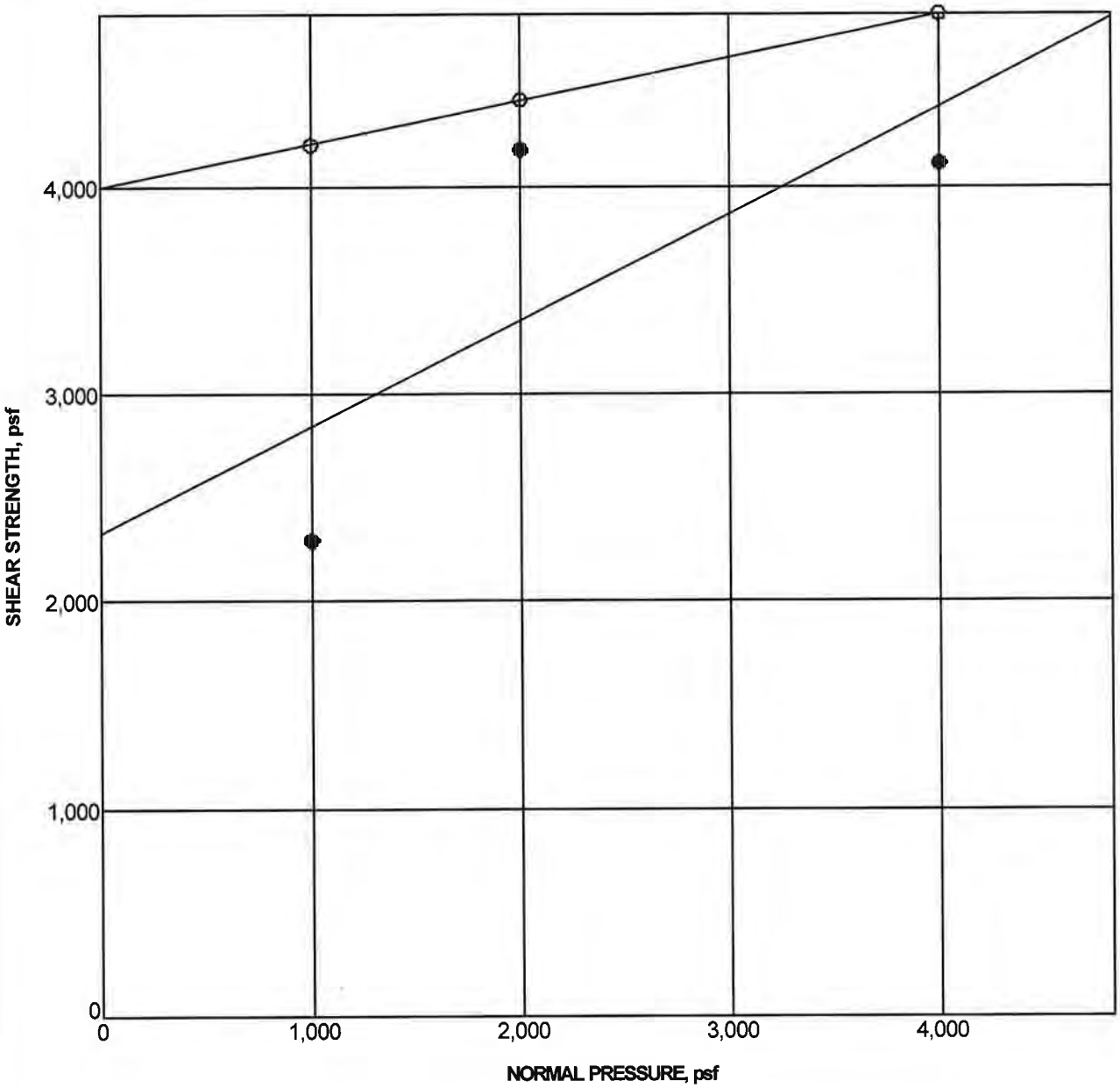
DIRECT SHEAR TEST

Project: City of Calabasas
Location: Civic Center
Project No.: 49.25043.0007

Date: Jun 05

BING YEN & ASSOCIATES, INC.
Geotechnical & Environmental Consultants

Report: BYA DIRECT_SHEAR US; File: 49.25043.0007.GPJ; 6/2/05; ID B-3



○ -Peak Shear ● - Ultimate Shear - Residual Shear

Specimen Identification		Classification	γ_d	MC%	c	ϕ
○	B-8 at 20.0 ft	Dark Brown SILTSTONE	89.7	25.1	3993	12
●	B-8 at 20.0 ft		89.7	31.7	2326	27

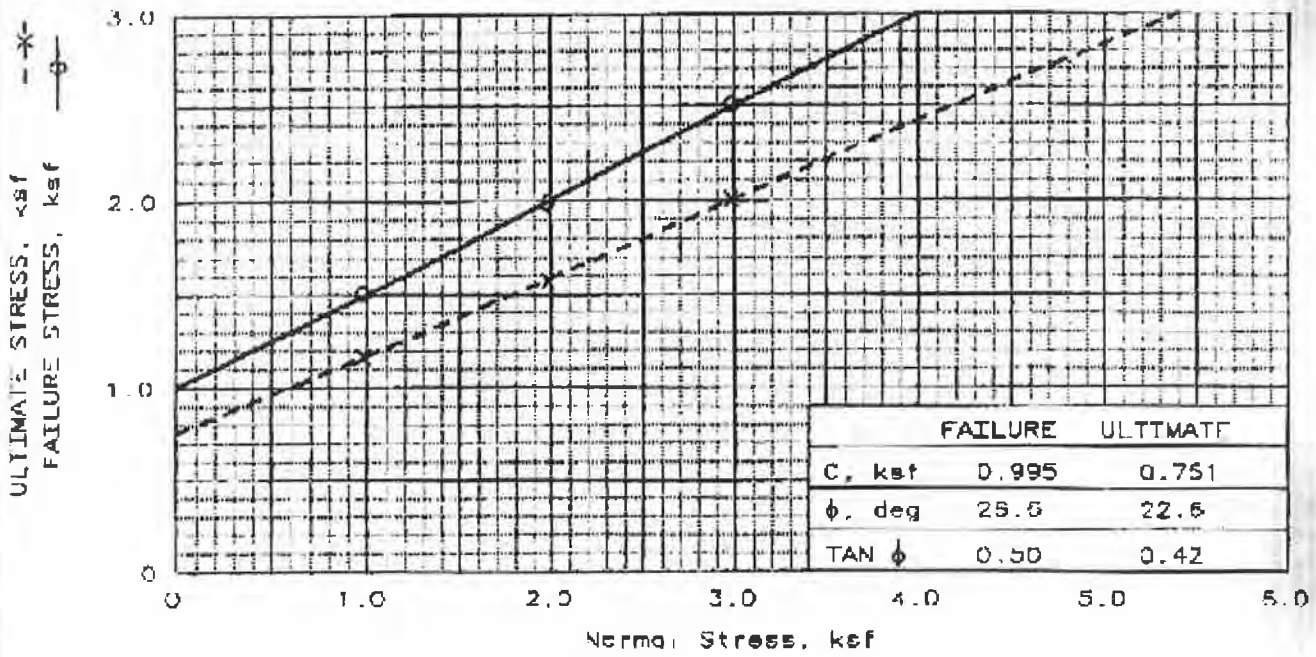
DIRECT SHEAR TEST

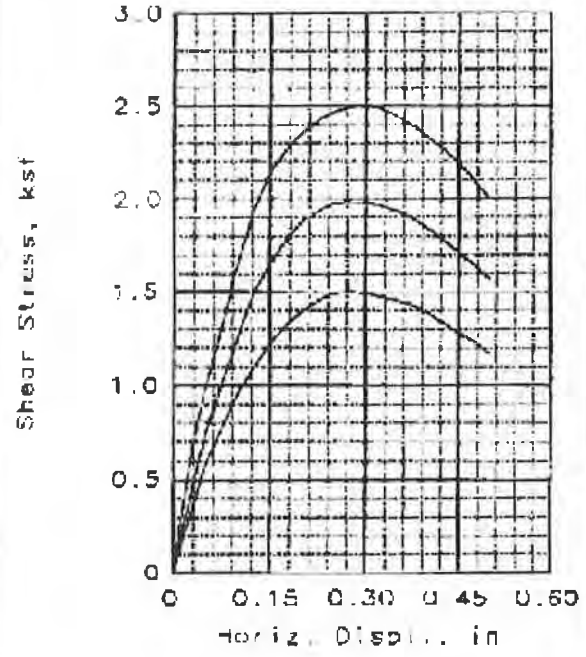
Project: City of Calabasas
Location: Civic Center
Project No.: 49.25043.0007

Date: Jun 05

BING YEN & ASSOCIATES, INC.
Geotechnical & Environmental Consultants

Report: BYA DIRECT_SHEAR US; File: 49.25043.0007.GPJ; 6/2/05; ID B-3





		1	2	3
INITIAL	WATER CONTENT, %	27.8	27.8	27.8
	DRY DENSITY, pcf	92.5	92.5	92.4
	SATURATION, %	91.3	91.3	91.2
	VOID RATIO	0.823	0.822	0.823
	DIAMETER, in	2.420	2.420	2.420
	HEIGHT, in	2.000	2.000	2.000
AT TEST	WATER CONTENT, %	29.8	29.7	29.0
	DRY DENSITY, pcf	93.0	93.4	94.3
	SATURATION, %	99.0	99.6	99.6
	VOID RATIO	0.813	0.804	0.788
	DIAMETER, in	2.420	2.420	2.420
	HEIGHT, in	1.989	1.980	1.961
NORMAL STRESS, ksf		1.000	2.000	3.000
FAILURE STRESS, ksf		1.503	1.984	2.505
DISPLACEMENT, in		0.275	0.275	0.300
ULTIMATE STRESS, ksf		1.172	1.573	2.004
DISPLACEMENT, in		0.500	0.500	0.500
Strain rate, in/min		0.0075	0.0075	0.0075

SAMPLE TYPE: Undisturbed
DESCRIPTION: Grayish Brown Silty CLAYSTONE (CL) Bedrock

SPECIFIC GRAVITY= 2.7
REMARKS:

CLIENT:

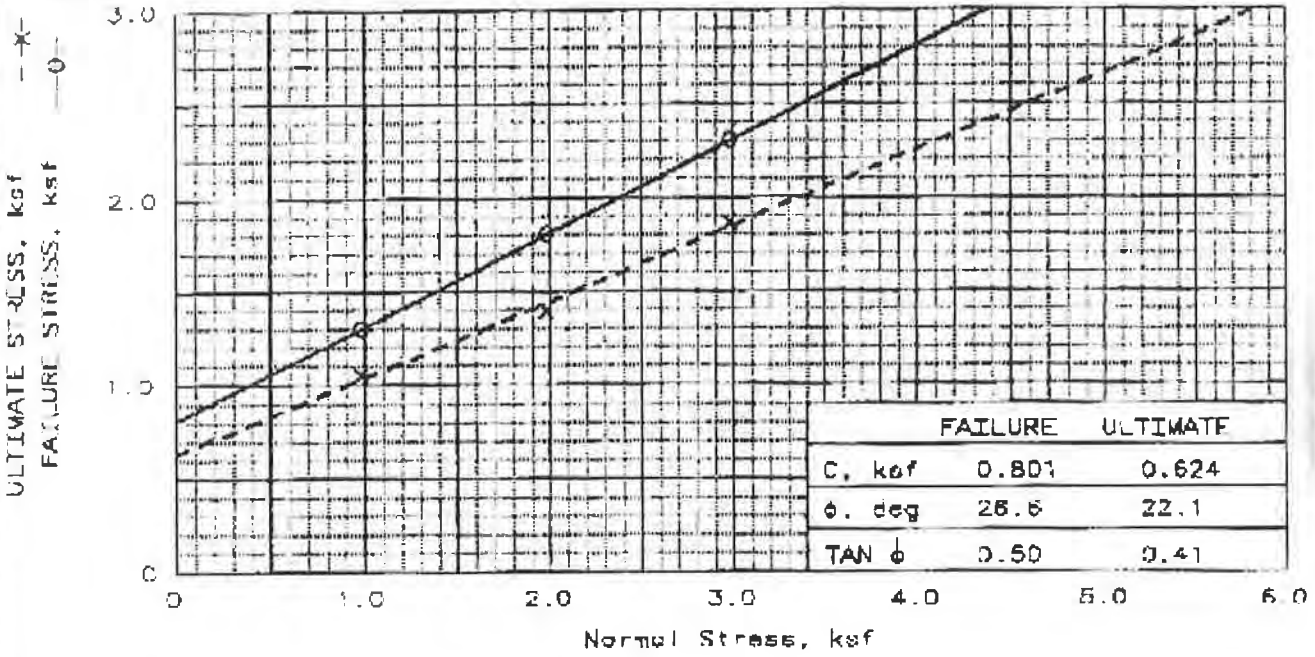
PROJECT: Calabasas City Hall

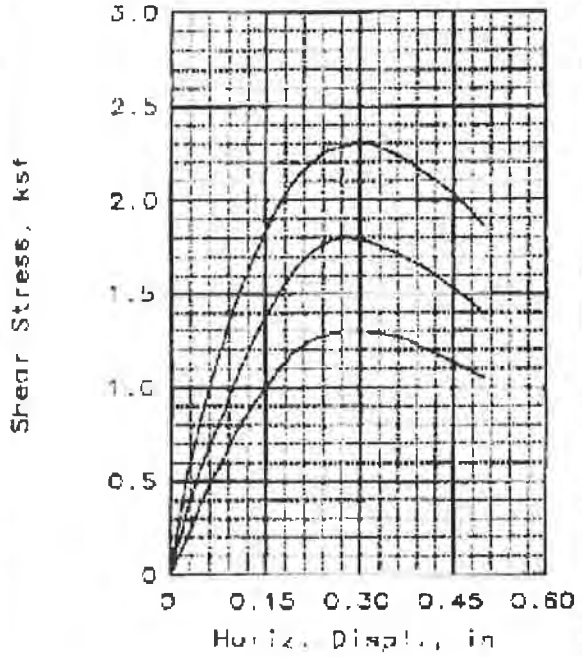
SAMPLE LOCATION: B-2 @ 5.5 Ft.

PROJ. NO.: 49.25043.0007 DATE: 2/04/02

DIRECT SHEAR TEST REPORT

BING YEN AND ASSOCIATES





		1	2	3
INITIAL	WATER CONTENT, %	34.2	34.2	34.2
	DRY DENSITY, pcf	85.1	85.1	85.1
	SATURATION, %	94.2	94.2	94.1
	VOID RATIO	0.980	0.980	0.981
	DIAMETER, in	2.420	2.420	2.420
	HEIGHT, in	2.000	2.000	2.000
AT TEST	WATER CONTENT, %	34.7	35.3	34.5
	DRY DENSITY, pcf	85.7	86.2	86.9
	SATURATION, %	96.9	99.9	99.1
	VOID RATIO	0.967	0.955	0.939
	DIAMETER, in	2.420	2.420	2.420
	HEIGHT, in	1.987	1.975	1.958
NORMAL STRESS, ksf		1.000	2.000	3.000
FAILURE STRESS, ksf		1.302	1.803	2.304
DISPLACEMENT, in		0.275	0.275	0.300
ULTIMATE STRESS, ksf		1.052	1.393	1.863
DISPLACEMENT, in		0.500	0.500	0.500
Strain rate, in/min		0.0075	0.0075	0.0075

SAMPLE TYPE: Undisturbed
DESCRIPTION: Dark Grayish Brown Silty CLAYSTONE (CL) Bedrock

SPECIFIC GRAVITY= 2.7
REMARKS:

CLIENT:

PROJECT: Calabassas City Hall

SAMPLE LOCATION: B-1 @ 5.5 Ft.

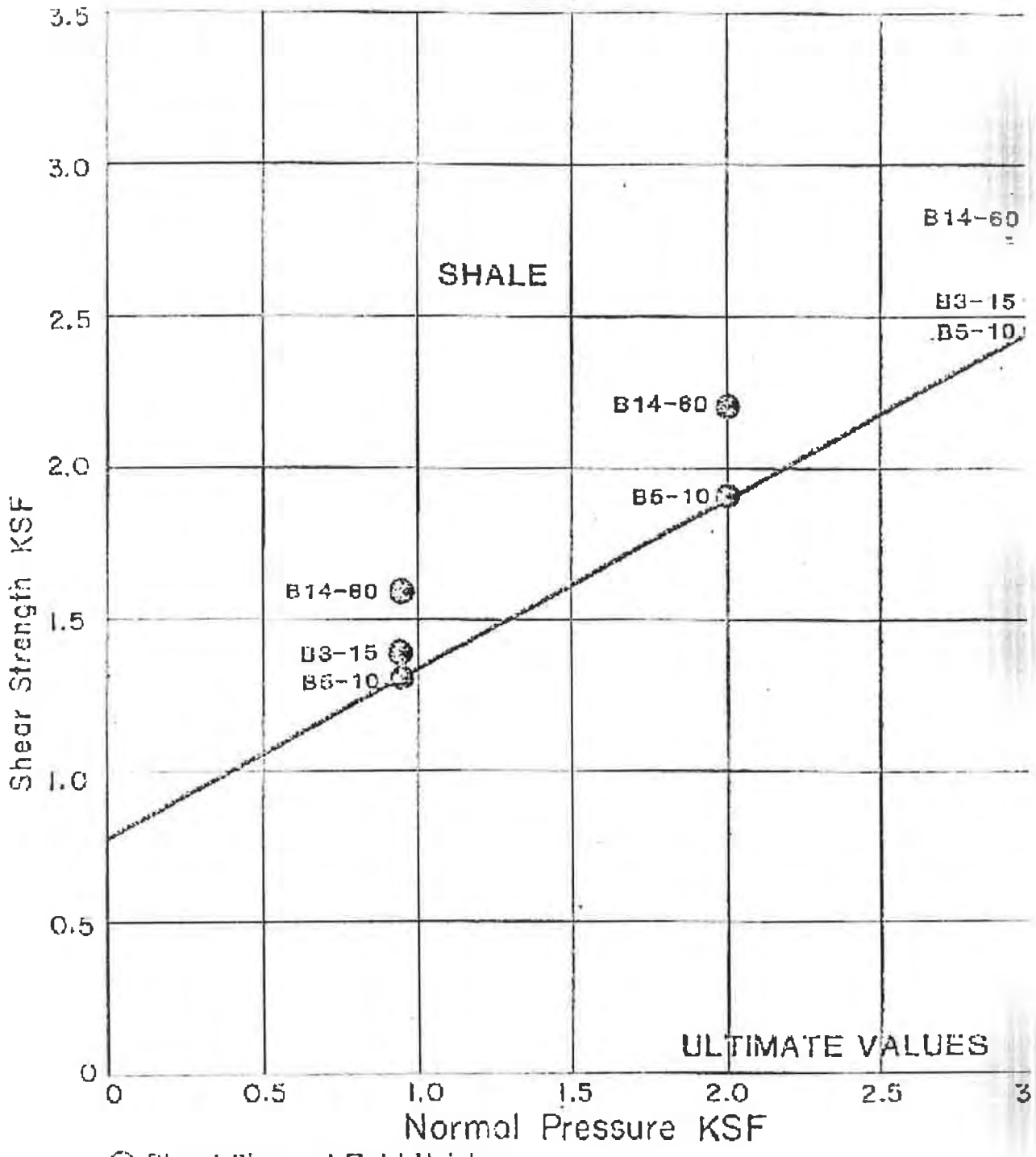
PROJ. NO.: 49.25043.0007 DATE: 02/03/02

DIRECT SHEAR TEST REPORT

BING YEN AND ASSOCIATES

SHEAR TEST DIAGRAM

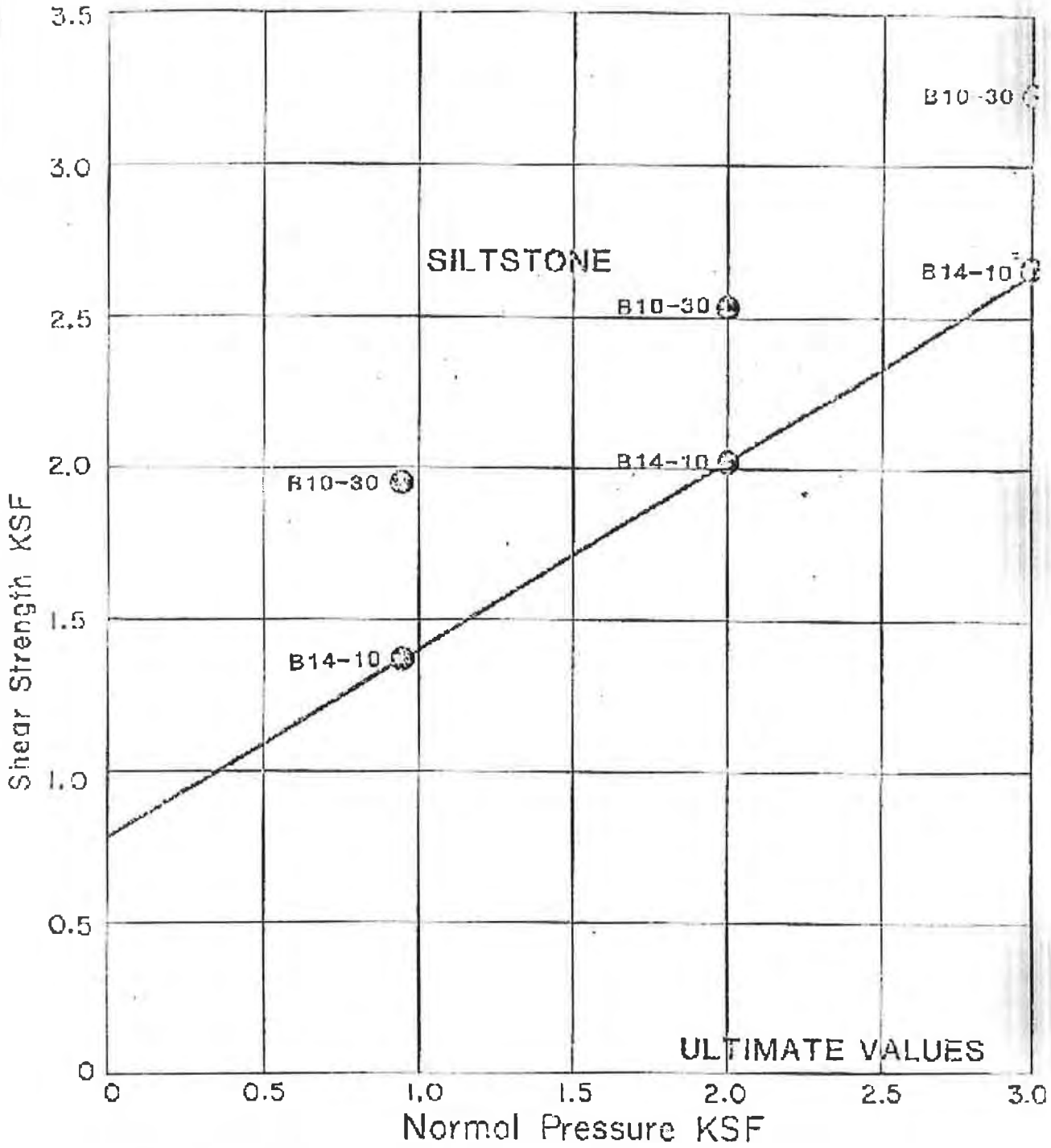
Project CALABASAS KB 10588-G



○ Direct Shear at Field Moisture
◉ Direct Shear, Saturated
◡ Unconfined Compression Test
⊕ Vane Shear Test
⊙ Penetrometer

SHEAR TEST DIAGRAM

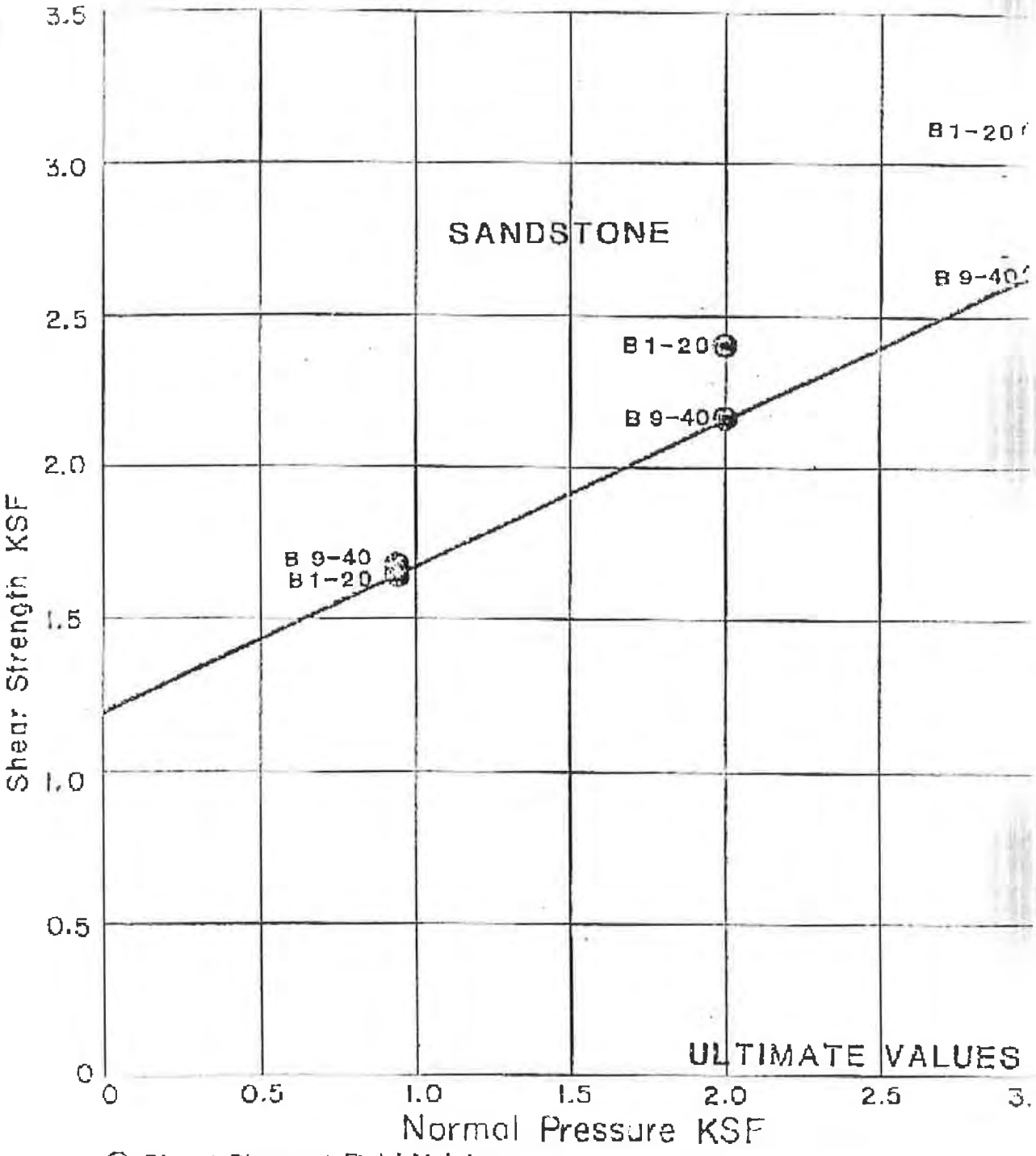
Project CALABASAS KB 10568-G



○ Direct Shear at Field Moisture
⊙ Direct Shear, Saturated
◡ Unconfined Compression Test
⊕ Vane Shear Test
⊂ Penetrometer

SHEAR TEST DIAGRAM

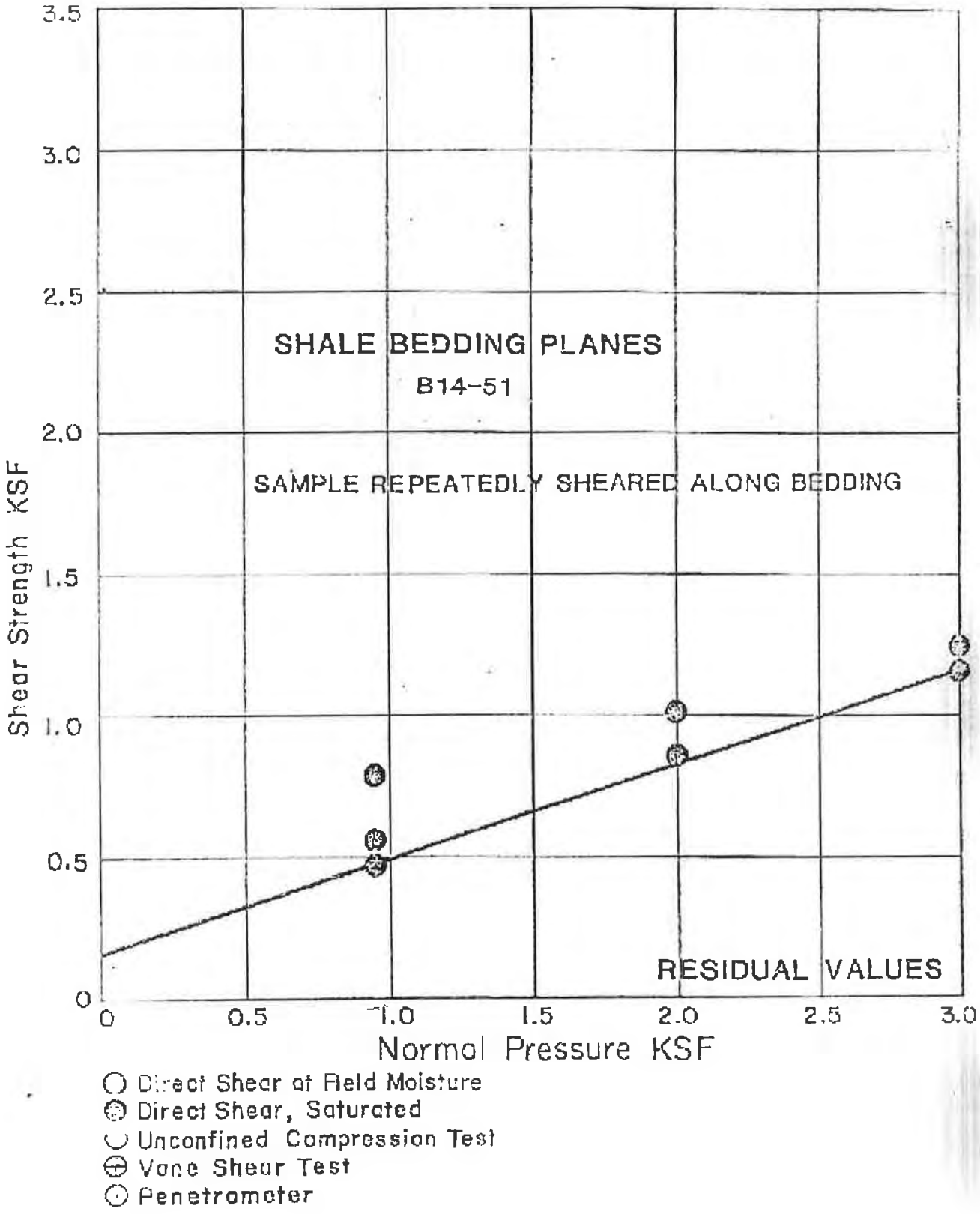
Project CALABASAS KB 10568-G



○ Direct Shear at Field Moisture
⊖ Direct Shear, Saturated
∪ Unconfined Compression Test
⊕ Vane Shear Test
⊙ Penetrometer

SHEAR TEST DIAGRAM

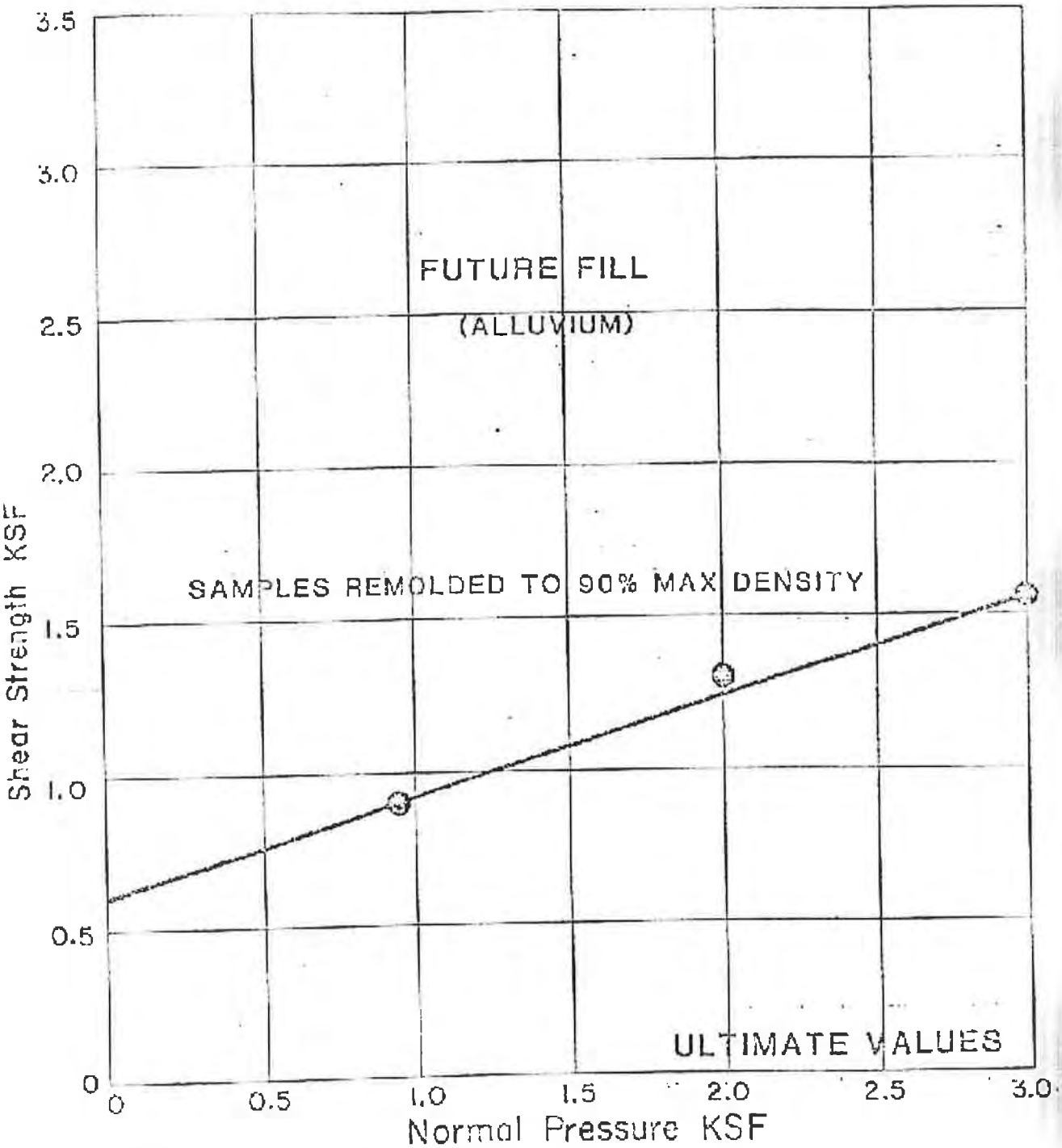
Project CALABASAS KB 10583-G



KOVACS-BYER and ASSOCIATES Inc. PLATE B-7

SHEAR TEST DIAGRAM

Project CALABASAS KB 10588-G

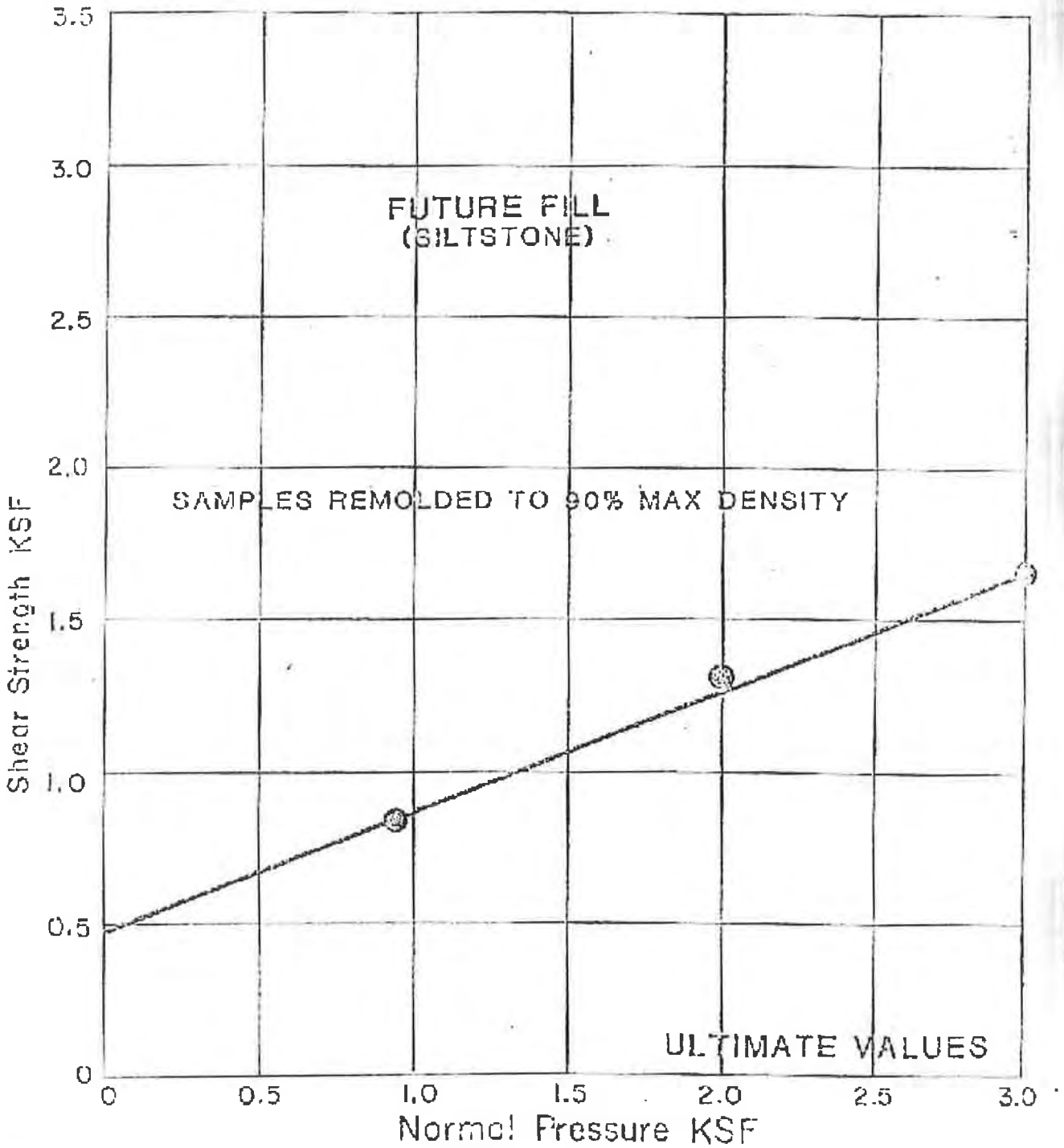


○ Direct Shear at Field Moisture
⊖ Direct Shear, Saturated
◡ Unconfined Compression Test
⊖ Vane Shear Test
⊙ Penetrometer

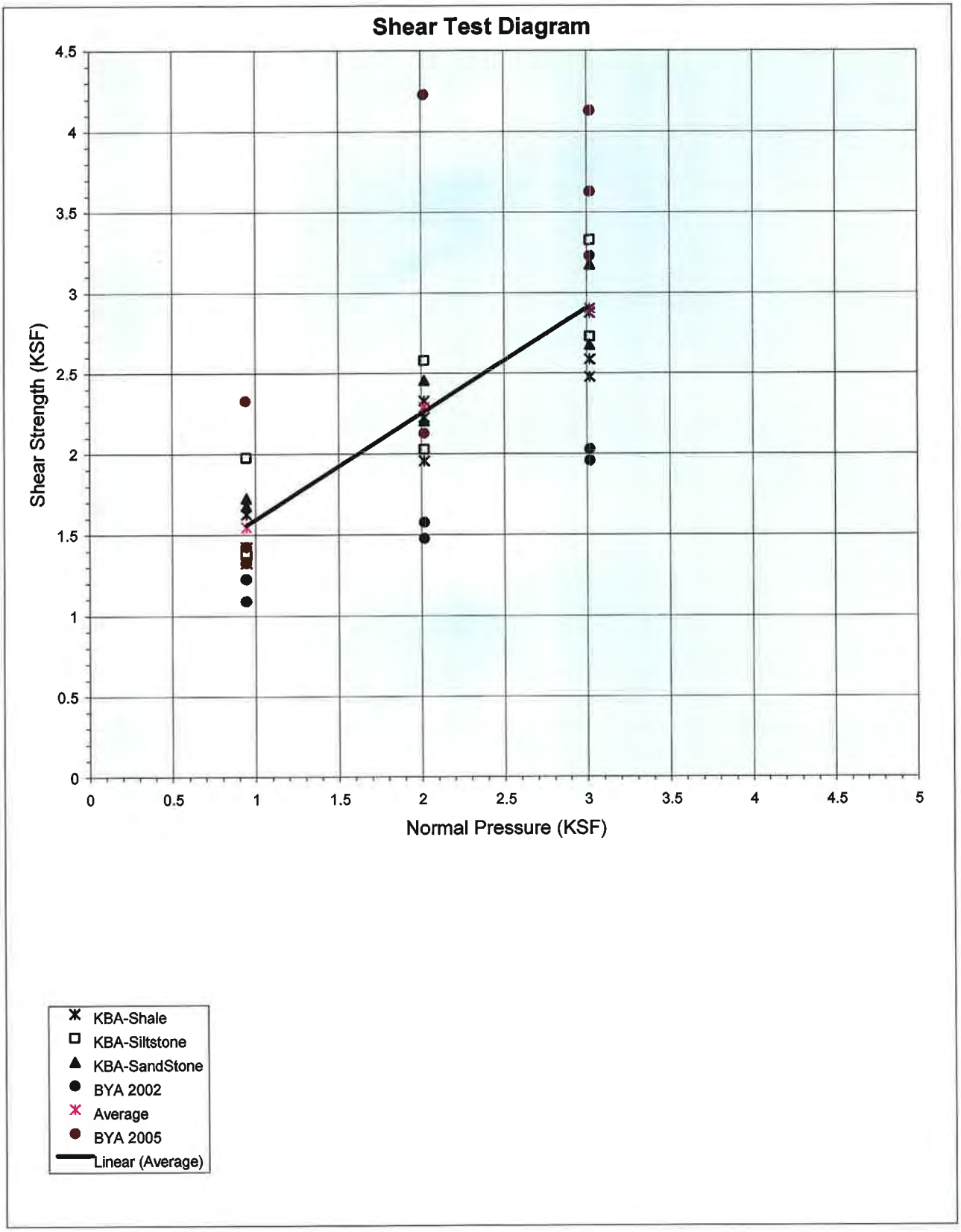
KOVACS-BYER and ASSOCIATES Inc. PLATE B-1

SHEAR TEST DIAGRAM

Project CALABASAS KB 10588-5



○ Direct Shear at Field Moisture
⊛ Direct Shear, Saturated
◡ Unconfined Compression Test
⊕ Vane Shear Test
⊙ Penetrometer


Shear Test Diagram
Shear Strength (KSF)
Normal Pressure (KSF)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
KBA-Shale
KBA-Siltstone
KBA-SandStone
BYA 2002
Average
BYA 2005
Linear (Average)

ANAHEIM TEST LABORATORY

3008 S. ORANGE AVENUE
SANTA ANA, CALIFORNIA 92707
PHONE (714) 549-7267

BING YEN & ASSOCIATES, INC.
17321 IRVINE BLVD. ST.200
TUSTIN, CA. 92780

DATE 2/20/02

P.O. No. VERBAL

Shipper No.

Lab. No. B 9834

Specification:

Material: SOIL

ATTN: HENRY

PROJECT: #49.25043.0007

CALABASSAS
BYA-1 @ 21.5'

ANALYTICAL REPORT

CORROSION SERIES
SUMMARY OF DATA

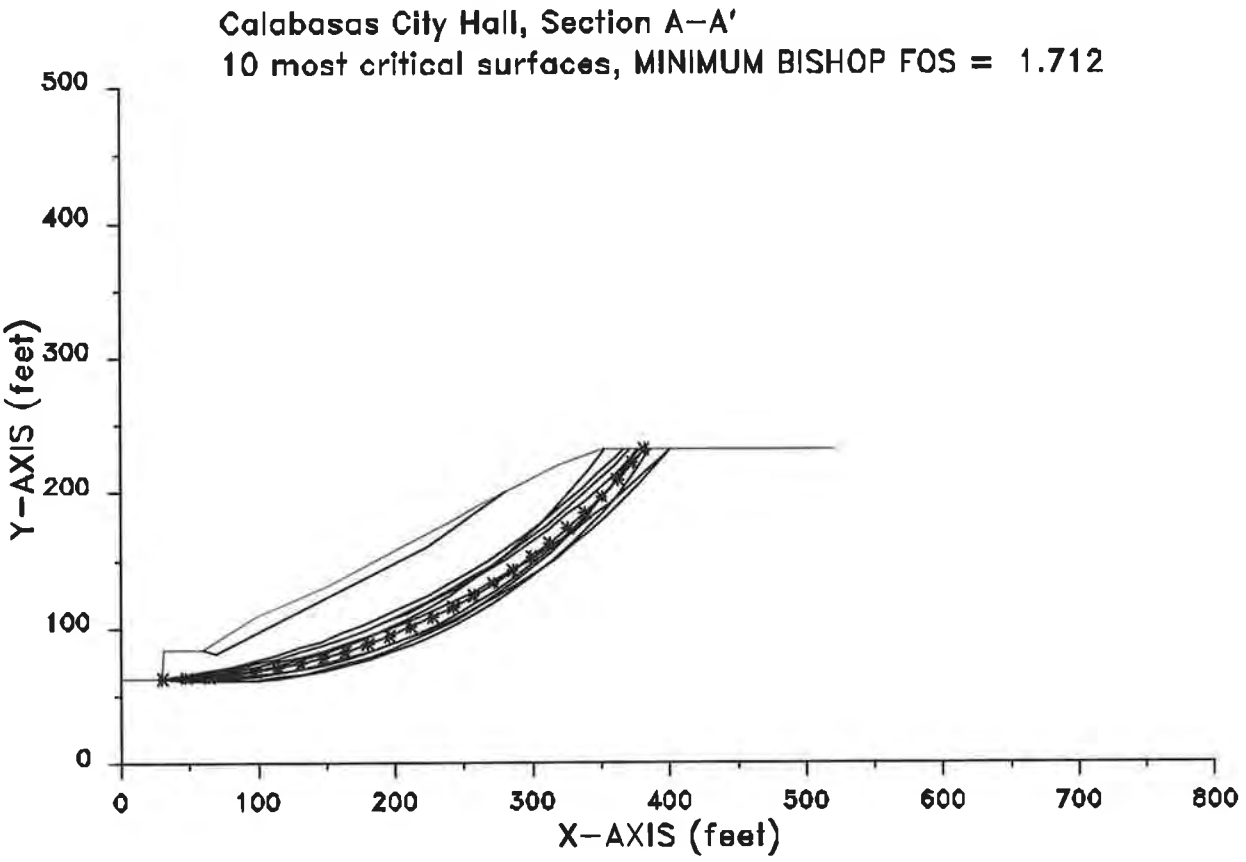
pH	SOLUBLE SULFATES per Ca. 417 ppm	SOLUBLE CHLORIDES per Ca. 422 ppm	MIN. RESISTIVITY per Ca. 643 ohm-cm
3.5	5,366	374	600 max

RESPECTFULLY SUBMITTED

POPPY BRIDGER Chief Chemist

APPENDIX D
SLOPE STABILTY ANALYSES
(From BYA 2005)

CALAB-AA 6-01-05 11:22



XSTABL File: CALAB-AA 6-01-05 11:22

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*              X S T A B L              *
*                                       *
*        Slope Stability Analysis       *
*               using the               *
*            Method of Slices           *
*                                       *
*        Copyright (C) 1992 - 2001      *
*   Interactive Software Designs, Inc.  *
*        Moscow, ID 83843, U.S.A.       *
*                                       *
*          All Rights Reserved          *
*                                       *
*  Ver. 5.205                96 - 1895  *
*****************************************
```

Problem Description : Calabasas City Hall, Section A-A'

SEGMENT BOUNDARY COORDINATES

---

11 SURFACE boundary segments

Segment No.	x-left (ft)	y-left (ft)	x-right (ft)	y-right (ft)	Soil Unit Below Segment
1	.0	63.0	30.0	63.0	1
2	30.0	63.0	31.0	84.0	1
3	31.0	84.0	60.0	84.0	1
4	60.0	84.0	98.0	108.0	2
5	98.0	108.0	150.0	131.0	2
6	150.0	131.0	243.0	180.0	2
7	243.0	180.0	260.0	191.0	2
8	260.0	191.0	280.0	200.0	2
9	280.0	200.0	320.0	221.0	1
10	320.0	221.0	351.0	232.0	1
11	351.0	232.0	520.0	232.0	1

4 SUBSURFACE boundary segments

Segment No.	x-left (ft)	y-left (ft)	x-right (ft)	y-right (ft)	Soil Unit Below Segment
1	60.0	84.0	70.0	81.0	1
2	70.0	81.0	222.0	160.0	1
3	222.0	160.0	252.5	180.0	1
4	252.5	180.0	280.0	200.0	1

ISOTROPIC Soil Parameters
---

2 Soil unit(s) specified

Soil Unit No.	Unit Weight Moist (pcf)	Unit Weight Sat. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Parameter Ru	Pore Pressure Constant (psf)	Water Surface No.
1	125.0	125.0	900.0	29.00	.000	.0	0
2	125.0	125.0	300.0	30.00	.000	.0	0

A critical failure surface searching method, using a random technique for generating CIRCULAR surfaces has been specified.

2500 trial surfaces will be generated and analyzed.

500 Surfaces initiate from each of 5 points equally spaced along the ground surface between x = 30.0 ft
and x = 70.0 ft

Each surface terminates between x = 100.0 ft
and x = 500.0 ft

Unless further limitations were imposed, the minimum elevation at which a surface extends is y = .0 ft

* * * * * DEFAULT SEGMENT LENGTH SELECTED BY XSTABL * * * * *

17.0 ft line segments define each trial failure surface.

ANGULAR RESTRICTIONS

The first segment of each failure surface will be inclined within the angular range defined by :

Lower angular limit := -45.0 degrees
Upper angular limit := (slope angle - 5.0) degrees

****
-- WARNING -- WARNING -- WARNING -- WARNING -- (# 48)
****
Negative effective stresses were calculated at the base of a slice.
This warning is usually reported for cases where slices have low self weight and a relatively high "c" shear strength parameter. In such cases, this effect can only be eliminated by reducing the "c" value.
****

USER SELECTED option to maintain strength greater than zero

Factors of safety have been calculated by the :

* * * * * SIMPLIFIED BISHOP METHOD * * * * *

The most critical circular failure surface is specified by 25 coordinate points

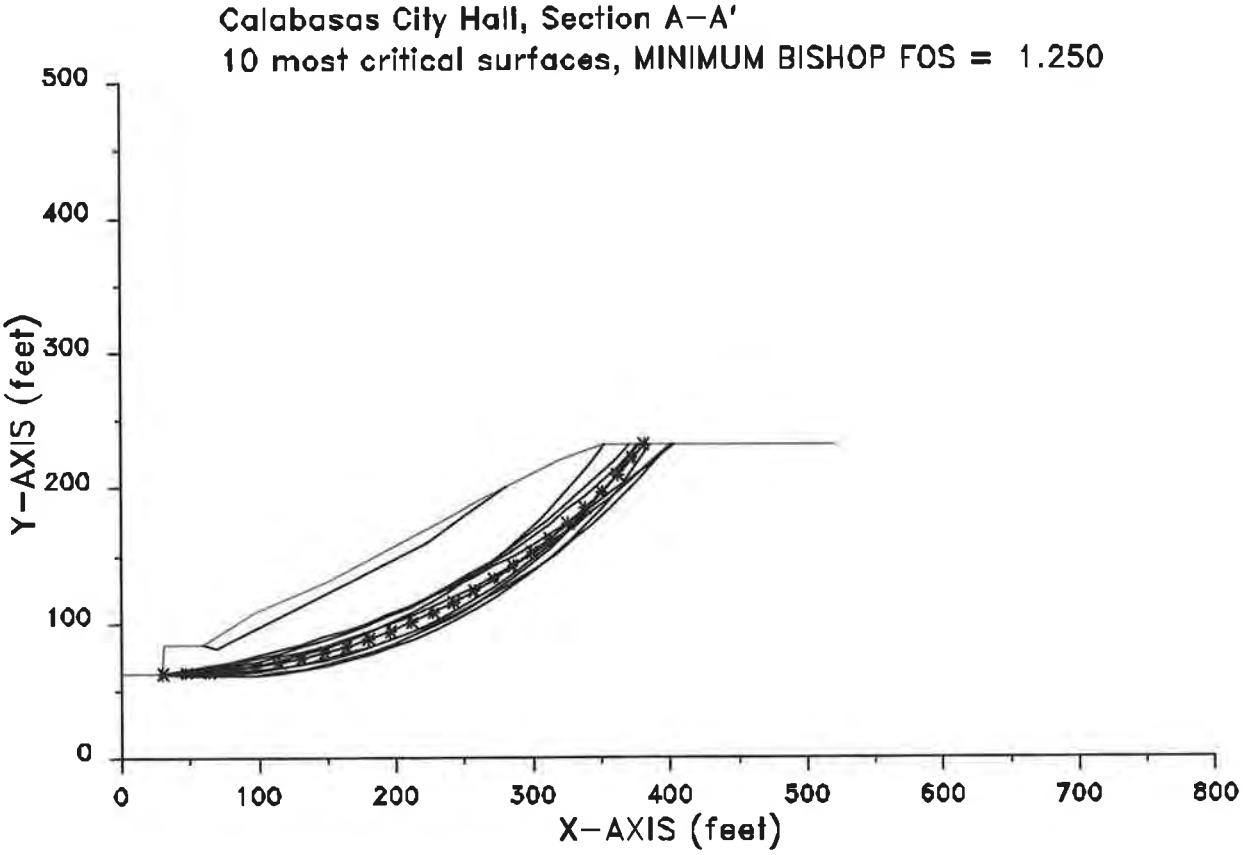
Point No.	x-surf (ft)	y-surf (ft)
1	30.00	63.00
2	47.00	63.26
3	63.97	64.17
4	80.90	65.72
5	97.76	67.92
6	114.52	70.75
7	131.17	74.21
8	147.67	78.30
9	164.00	83.02
10	180.14	88.35
11	196.07	94.30
12	211.76	100.84
13	227.19	107.97
14	242.34	115.68
15	257.19	123.97
16	271.71	132.81
17	285.88	142.19
18	299.69	152.11
19	313.11	162.54
20	326.13	173.47
21	338.72	184.89
22	350.88	196.78
23	362.57	209.12
24	373.78	221.90
25	381.99	232.00

**** Simplified BISHOP FOS = 1.712 ****

The following is a summary of the TEN most critical surfaces

Problem Description : Calabasas City Hall, Section A-A'

	FOS (BISHOP)	Circle Center x-coord (ft)	Circle Center y-coord (ft)	Radius (ft)	Initial x-coord (ft)	Terminal x-coord (ft)	Resisting Moment (ft-lb)
1.	1.712	31.56	510.95	447.96	30.00	381.99	6.391E+08
2.	1.721	56.51	452.87	390.77	30.00	378.82	5.991E+08
3.	1.726	-26.21	624.40	564.21	30.00	379.12	6.806E+08
4.	1.726	-20.52	594.14	533.53	30.00	371.26	6.182E+08
5.	1.729	28.14	459.89	396.90	30.00	353.00	4.694E+08
6.	1.734	68.88	423.90	362.99	30.00	376.97	5.812E+08
7.	1.734	-10.41	643.84	582.24	30.00	401.08	8.302E+08
8.	1.735	47.80	514.62	451.97	30.00	400.46	7.476E+08
9.	1.741	70.90	438.54	377.76	30.00	387.08	6.400E+08
10.	1.747	-44.91	633.77	575.67	30.00	367.28	6.154E+08



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*        Slope Stability Analysis       *
*               using the               *
*           Method of Slices            *
*                                       *
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*        Moscow, ID 83843, U.S.A.       *
*                                       *
*          All Rights Reserved          *
*                                       *
*  Ver. 5.205                96 - 1895  *
*****************************************
```

Problem Description : Calabasas City Hall, Section A-A'

SEGMENT BOUNDARY COORDINATES

---

11 SURFACE boundary segments

Segment No.	x-left (ft)	y-left (ft)	x-right (ft)	y-right (ft)	Soil Unit Below Segment
1	.0	63.0	30.0	63.0	1
2	30.0	63.0	31.0	84.0	1
3	31.0	84.0	60.0	84.0	1
4	60.0	84.0	98.0	108.0	2
5	98.0	108.0	150.0	131.0	2
6	150.0	131.0	243.0	180.0	2
7	243.0	180.0	260.0	191.0	2
8	260.0	191.0	280.0	200.0	2
9	280.0	200.0	320.0	221.0	1
10	320.0	221.0	351.0	232.0	1
11	351.0	232.0	520.0	232.0	1

4 SUBSURFACE boundary segments

Segment No.	x-left (ft)	y-left (ft)	x-right (ft)	y-right (ft)	Soil Unit Below Segment
1	60.0	84.0	70.0	81.0	1
2	70.0	81.0	222.0	160.0	1
3	222.0	160.0	252.5	180.0	1
4	252.5	180.0	280.0	200.0	1

ISOTROPIC Soil Parameters

---

2 Soil unit(s) specified

Soil Unit No.	Unit Weight Moist (pcf)	Unit Weight Sat. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Parameter Ru	Pore Pressure Constant (psf)	Water Surface No.
1	125.0	125.0	900.0	29.00	.000	.0	0
2	125.0	125.0	300.0	30.00	.000	.0	0

A horizontal earthquake loading coefficient
of .150 has been assigned

A vertical earthquake loading coefficient
of .000 has been assigned

A critical failure surface searching method, using a random technique for generating CIRCULAR surfaces has been specified.

2500 trial surfaces will be generated and analyzed.

500 Surfaces initiate from each of 5 points equally spaced along the ground surface between x = 30.0 ft
and x = 70.0 ft

Each surface terminates between x = 100.0 ft
and x = 500.0 ft

Unless further limitations were imposed, the minimum elevation at which a surface extends is y = .0 ft

* * * * * DEFAULT SEGMENT LENGTH SELECTED BY XSTABL * * * * *

17.0 ft line segments define each trial failure surface.

ANGULAR RESTRICTIONS

The first segment of each failure surface will be inclined within the angular range defined by :

Lower angular limit := -45.0 degrees
Upper angular limit := (slope angle - 5.0) degrees

****

-- WARNING -- WARNING -- WARNING -- WARNING -- (# 48)

****

Negative effective stresses were calculated at the base of a slice. This warning is usually reported for cases where slices have low self weight and a relatively high "c" shear strength parameter. In such cases, this effect can only be eliminated by reducing the "c" value.

****

USER SELECTED option to maintain strength greater than zero

Factors of safety have been calculated by the :

* * * * * SIMPLIFIED BISHOP METHOD * * * * *

The most critical circular failure surface
is specified by 25 coordinate points

Point No.	x-surf (ft)	y-surf (ft)
1	30.00	63.00
2	47.00	63.26
3	63.97	64.17
4	80.90	65.72
5	97.76	67.92
6	114.52	70.75
7	131.17	74.21
8	147.67	78.30
9	164.00	83.02
10	180.14	88.35
11	196.07	94.30
12	211.76	100.84
13	227.19	107.97
14	242.34	115.68
15	257.19	123.97
16	271.71	132.81
17	285.88	142.19
18	299.69	152.11
19	313.11	162.54
20	326.13	173.47
21	338.72	184.89
22	350.88	196.78
23	362.57	209.12
24	373.78	221.90
25	381.99	232.00

**** Simplified BISHOP FOS = 1.250 ****

The following is a summary of the TEN most critical surfaces

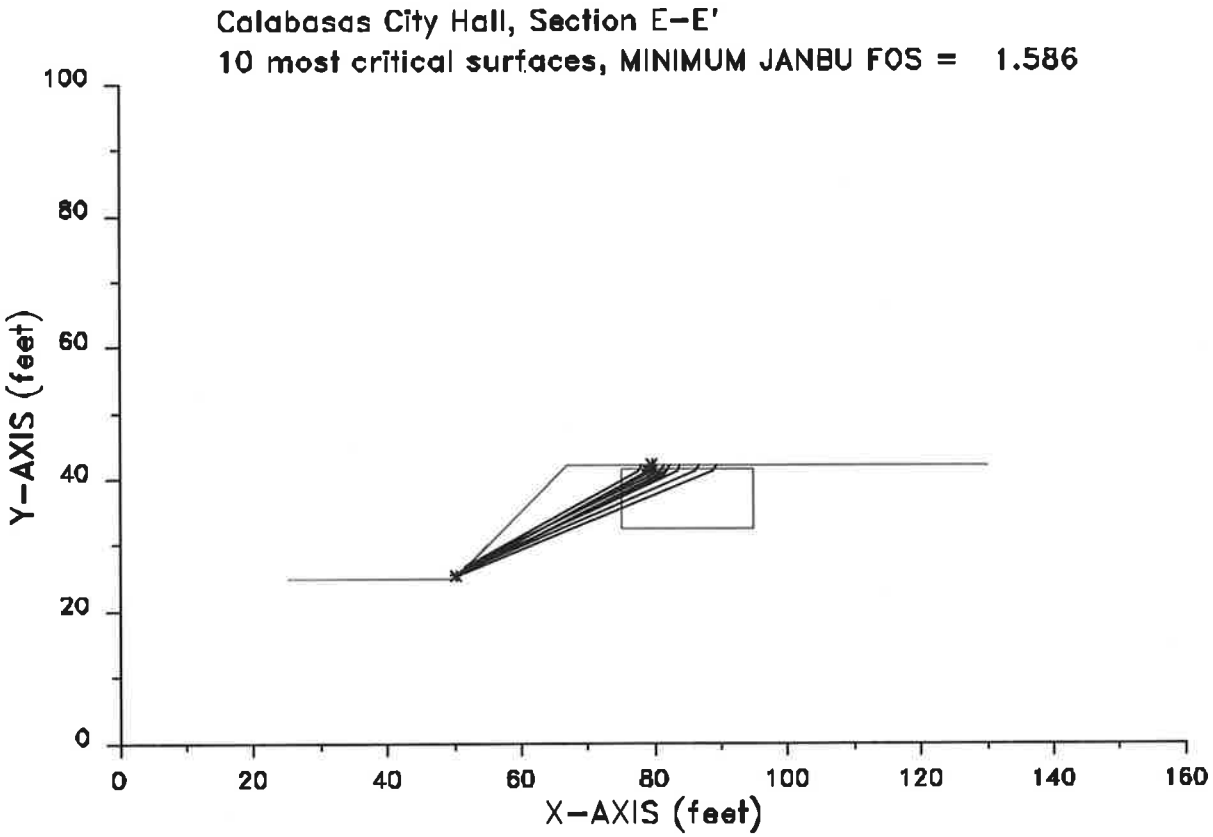
Problem Description : Calabasas City Hall, Section A-A'

	FOS (BISHOP)	Circle Center x-coord (ft)	Circle Center y-coord (ft)	Radius (ft)	Initial x-coord (ft)	Terminal x-coord (ft)	Resisting Moment (ft-lb)
1.	1.250	31.56	510.95	447.96	30.00	381.99	6.097E+08

2.	1.255	-10.41	643.84	582.24	30.00	401.08	7.922E+08
3.	1.259	47.80	514.62	451.97	30.00	400.46	7.143E+08
4.	1.260	56.51	452.87	390.77	30.00	378.82	5.721E+08
5.	1.261	-26.21	624.40	564.21	30.00	379.12	6.489E+08
6.	1.265	-20.52	594.14	533.53	30.00	371.26	5.894E+08
7.	1.272	68.88	423.90	362.99	30.00	376.97	5.555E+08
8.	1.272	70.90	438.54	377.76	30.00	387.08	6.119E+08
9.	1.274	28.14	459.89	396.90	30.00	353.00	4.477E+08
10.	1.275	-76.55	796.64	741.34	30.00	403.75	9.157E+08

* * * END OF FILE * * *

CALAB-EE 6-06-05 9:37



XSTABL File: CALAB-EE 6-06-05 9:37

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*              X S T A B L              *
*                                       *
*        Slope Stability Analysis       *
*               using the               *
*            Method of Slices           *
*                                       *
*        Copyright (C) 1992 - 2001      *
*   Interactive Software Designs, Inc.  *
*        Moscow, ID 83843, U.S.A.       *
*                                       *
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*                                       *
*  Ver. 5.205                96 - 1895  *
*****************************************
```

Problem Description : Calabasas City Hall, Section E-E'

SEGMENT BOUNDARY COORDINATES

---

3 SURFACE boundary segments

Segment No.	x-left (ft)	y-left (ft)	x-right (ft)	y-right (ft)	Soil Unit Below Segment
1	25.0	25.0	50.0	25.0	1
2	50.0	25.0	67.0	42.0	1
3	67.0	42.0	130.0	42.0	1

ISOTROPIC Soil Parameters

---

1 Soil unit(s) specified

Soil Unit No.	Unit Weight Moist (pcf)	Unit Weight Sat. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Parameter Ru	Pore Pressure Constant (psf)	Water Surface No.
1	125.0	125.0	900.0	29.00	.000	.0	0

ANISOTROPIC STRENGTH PARAMETERS
specified for 1 Soil Unit(s)

Soil Unit 1 is ANISOTROPIC

Number of direction ranges specified = 3

Direction Range No.	Counterclockwise Direction Limit (deg)	c-value (psf)	í-value (degrees)
1	20.00	900.0	29.00
2	35.00	175.0	18.00
3	90.00	900.0	29.00

A critical failure surface searching method, using a random technique for generating sliding BLOCK surfaces, has been specified.

The active and passive portions of the sliding surfaces are generated according to the Rankine theory.

500 trial surfaces will be generated and analyzed.

2 boxes specified for generation of central block base

* * * * * DEFAULT SEGMENT LENGTH SELECTED BY XSTABL * * * * *

Length of line segments for active and passive portions of sliding block is 4.0 ft

Box no.	x-left (ft)	y-left (ft)	x-right (ft)	y-right (ft)	Width (ft)
1	50.0	25.0	55.0	30.0	.0
2	75.0	37.0	95.0	37.0	9.0

****
-- WARNING -- WARNING -- WARNING -- WARNING -- (# 48)
****
Negative effective stresses were calculated at the base of a slice. This warning is usually reported for cases where slices have low self weight and a relatively high "c" shear strength parameter. In such cases, this effect can only be eliminated by reducing the "c" value.
****

USER SELECTED option to maintain strength greater than zero

****
** Factor of safety calculation for surface # 18 **
** failed to converge within FIFTY iterations **
** **
** The last calculated value of the FOS was 6.2309 **
** This will be ignored for final summary of results **
****

The trial failure surface in question is
defined by the following 5 coordinate points

Point No.	x-surf (ft)	y-surf (ft)
1	54.60	29.60
2	75.25	32.55
3	77.28	36.00
4	79.31	39.44
5	80.82	42.00

****
** Factor of safety calculation for surface # 86 **
** failed to converge within FIFTY iterations **
** **
** The last calculated value of the FOS was 6.7457 **
** This will be ignored for final summary of results **
****

The trial failure surface in question is
defined by the following 5 coordinate points

Point No.	x-surf (ft)	y-surf (ft)
1	54.87	29.87
2	76.18	32.93
3	78.21	36.38
4	80.24	39.83
5	81.52	42.00

Factors of safety have been calculated by the :

* * * * * SIMPLIFIED JANBU METHOD * * * * *

The 10 most critical of all the failure surfaces examined
are displayed below - the most critical first

Failure surface No. 1 specified by 3 coordinate points

Point No.	x-surf (ft)	y-surf (ft)
1	50.40	25.40
2	79.21	41.26
3	79.65	42.00

** Corrected JANBU FOS = 1.586 ** (Fo factor = 1.006)

Failure surface No. 2 specified by 3 coordinate points

Point No.	x-surf (ft)	y-surf (ft)
1	50.04	25.04
2	81.75	41.04
3	82.31	42.00

** Corrected JANBU FOS = 1.592 ** (Fo factor = 1.008)

Failure surface No. 3 specified by 3 coordinate points

Point No.	x-surf (ft)	y-surf (ft)
1	50.69	25.69
2	79.41	41.13
3	79.92	42.00

** Corrected JANBU FOS = 1.623 ** (Fo factor = 1.007)

Failure surface No. 4 specified by 3 coordinate points

Point No.	x-surf (ft)	y-surf (ft)
1	50.93	25.93
2	79.78	41.16
3	80.28	42.00

** Corrected JANBU FOS = 1.633 ** (Fo factor = 1.007)

Failure surface No. 5 specified by 3 coordinate points

Point No.	x-surf (ft)	y-surf (ft)
1	51.10	26.10
2	83.54	41.30
3	83.96	42.00

** Corrected JANBU FOS = 1.647 ** (Fo factor = 1.006)

Failure surface No. 6 specified by 3 coordinate points

Point No.	x-surf (ft)	y-surf (ft)
1	50.70	25.70
2	86.26	41.25
3	86.70	42.00

** Corrected JANBU FOS = 1.661 ** (Fo factor = 1.006)

Failure surface No. 7 specified by 3 coordinate points

Point No.	x-surf (ft)	y-surf (ft)
1	50.17	25.17
2	88.78	41.17
3	89.27	42.00

** Corrected JANBU FOS = 1.672 ** (Fo factor = 1.007)

Failure surface No. 8 specified by 3 coordinate points

Point No.	x-surf (ft)	y-surf (ft)
1	51.78	26.78
2	81.06	41.26
3	81.50	42.00

** Corrected JANBU FOS = 1.687 ** (Fo factor = 1.007)

Failure surface No. 9 specified by 3 coordinate points

Point No.	x-surf (ft)	y-surf (ft)
1	51.70	26.70
2	77.63	41.27
3	78.06	42.00

** Corrected JANBU FOS = 1.688 ** (Fo factor = 1.007)

Failure surface No.10 specified by 3 coordinate points

Point No.	x-surf (ft)	y-surf (ft)

1	50.57	25.57
2	81.65	40.50
3	82.54	42.00

** Corrected JANBU FOS = 1.709 ** (Fo factor = 1.012)

****
** **
** Out of the 500 surfaces generated and analyzed by XSTABL, **
** 2 surfaces were found to have MISLEADING FOS values. **
** **
****

The following is a summary of the TEN most critical surfaces

Problem Description : Calabasas City Hall, Section E-E'

	Modified JANBU FOS	Correction Factor	Initial x-coord (ft)	Terminal x-coord (ft)	Available Strength (lb)
1.	1.586	1.006	50.40	79.65	1.034E+04
2.	1.592	1.008	50.04	82.31	1.206E+04
3.	1.623	1.007	50.69	79.92	1.047E+04
4.	1.633	1.007	50.93	80.28	1.050E+04
5.	1.647	1.006	51.10	83.96	1.208E+04
6.	1.661	1.006	50.70	86.70	1.373E+04
7.	1.672	1.007	50.17	89.27	1.544E+04
8.	1.687	1.007	51.78	81.50	1.060E+04
9.	1.688	1.007	51.70	78.06	9.011E+03
10.	1.709	1.012	50.57	82.54	1.252E+04

* * * END OF FILE * * *

Surficial Slope Stability (w/seepage & w/o seepage)

Input Parameters

no seepage

γ =	125
ι =	33.7
ϕ =	30
H =	4
C =	300

additional parameters for seepage condition

γ_{sat} =	125
γ' =	62.5

No Seepage

Unit Stresses (lbs/ft^3)

Tangential Stress, τ = 230.803

Normal Stress, σ = 346.074

Factor of Safety

F.S = 2.166

Stable

Seepage Condition

Unit Stresses (lbs/ft^3)

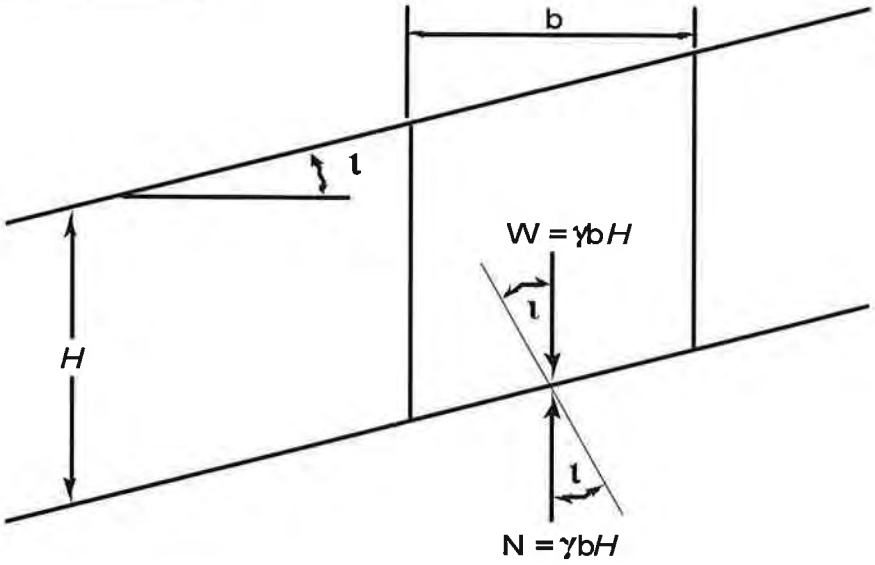
Tangential Stress, τ = 230.803

Normal Stress, σ = 346.074

Factor of Safety

F.S = 1.733

Stable

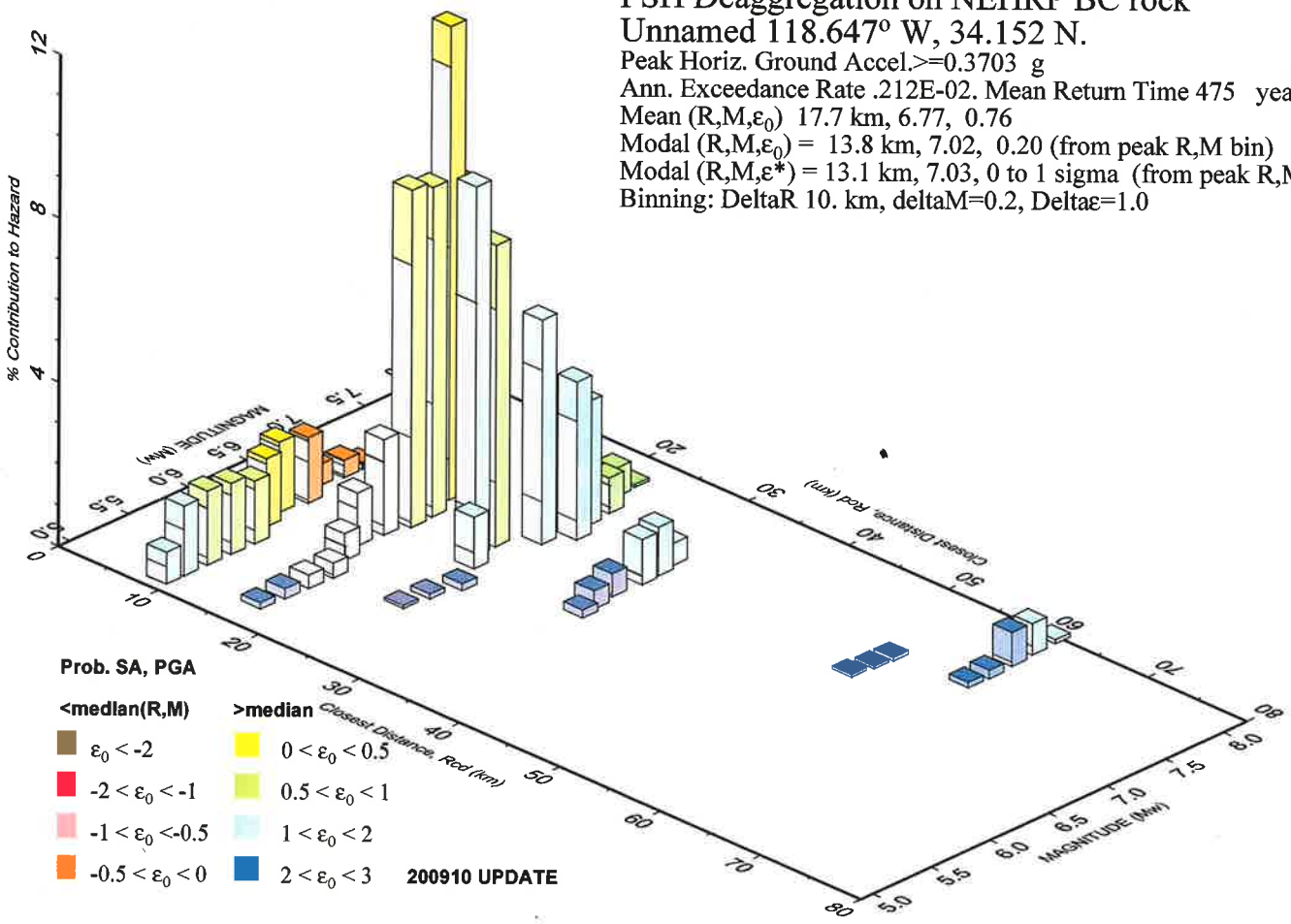


APPENDIX E

SEISMIC HAZARD ANALYSES

PSH Deaggregation on NEHRP BC rock
Unnamed 118.647° W, 34.152 N.

Peak Horiz. Ground Accel.>=0.3703 g
Ann. Exceedance Rate .212E-02. Mean Return Time 475 years
Mean (R,M,ε_0) 17.7 km, 6.77, 0.76
Modal (R,M,ε_0) = 13.8 km, 7.02, 0.20 (from peak R,M bin)
Modal (R,M,ε^*) = 13.1 km, 7.03, 0 to 1 sigma (from peak R,M,ε bin)
Binning: DeltaR 10. km, deltaM=0.2, Deltaε=1.0



GMT 2013 Jun 18 19:03:40 Distance (R), magnitude (M), epsilon (E0,E) deaggregation for a site on rock with average vs= 760. m/s top 30 m. USGS CGHT PSHA2008 UPDATE Bins with lt 0.05% contrib. omitted

Conterminous 48 States
2003 NEHRP Seismic Design Provisions
Latitude = 34.152
Longitude = -118.64700000000002
Spectral Response Accelerations Ss and S1
Ss and S1 = Mapped Spectral Acceleration Values
Site Class B - Fa = 1.0 ,Fv = 1.0
Data are based on a 0.01 deg grid spacing

Period (sec)	Sa (g)
0.2	1.500 (Ss, Site Class B)
1.0	0.600 (S1, Site Class B)

Conterminous 48 States
2003 NEHRP Seismic Design Provisions
Latitude = 34.152
Longitude = -118.64700000000002
Spectral Response Accelerations SMs and SM1
SMs = Fa x Ss and SM1 = Fv x S1
Site Class C - Fa = 1.0 ,Fv = 1.3

Period (sec)	Sa (g)
0.2	1.500 (SMs, Site Class C)
1.0	0.780 (SM1, Site Class C)

Conterminous 48 States
2003 NEHRP Seismic Design Provisions
Latitude = 34.152
Longitude = -118.64700000000002
Design Spectral Response Accelerations SDs and SD1
SDs = 2/3 x SMs and SD1 = 2/3 x SM1
Site Class C - Fa = 1.0 ,Fv = 1.3

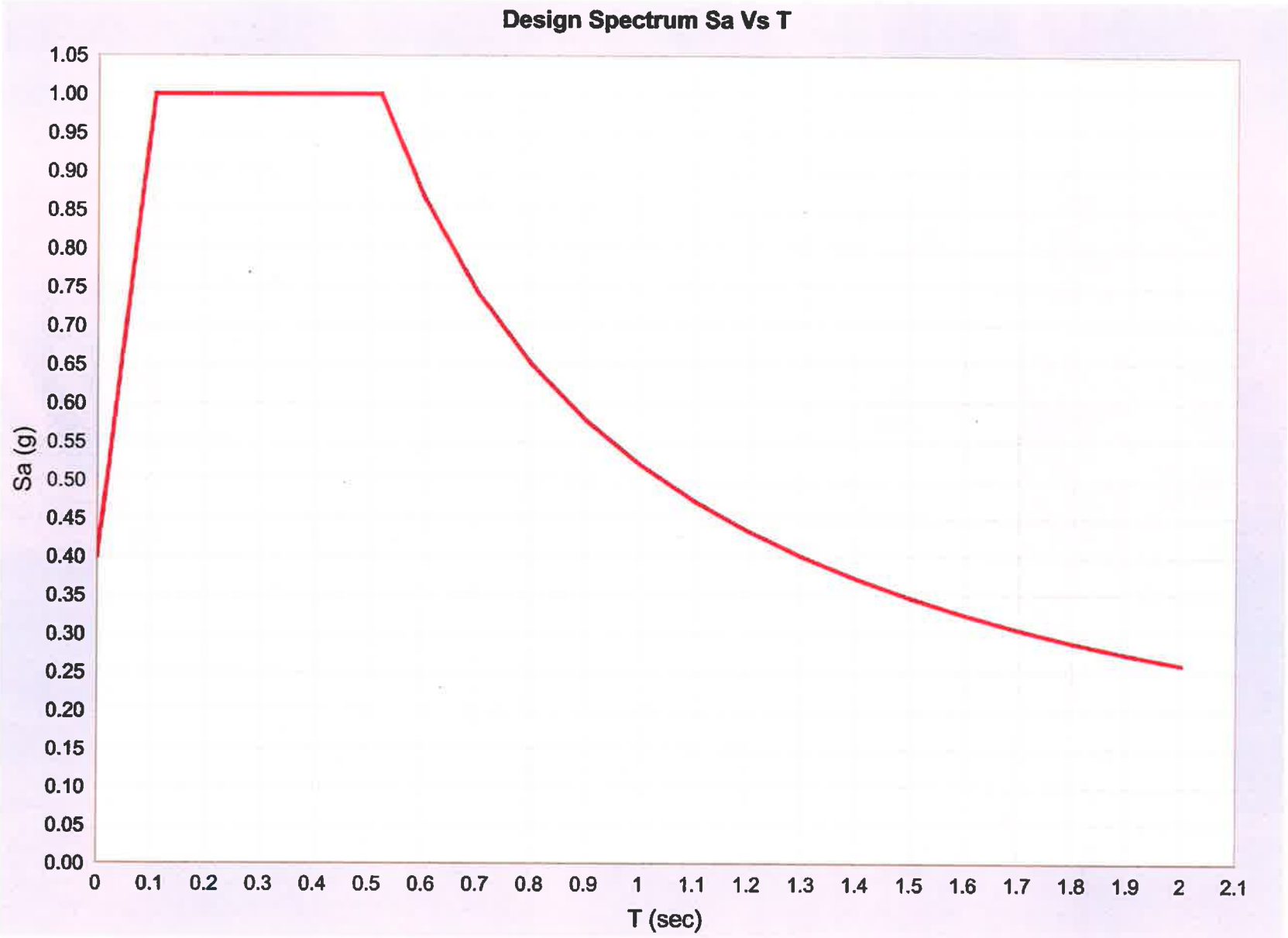
Period (sec)	Sa (g)
0.2	1.000 (SDs, Site Class C)
1.0	0.520 (SD1, Site Class C)

Conterminous 48 States
2003 NEHRP Seismic Design Provisions
Latitude = 34.152
Longitude = -118.64700000000002
Spectral Response Accelerations SMs and SM1
SMs = Fa x Ss and SM1 = Fv x S1
Site Class C - Fa = 1.0 ,Fv = 1.3

Period (sec)	Sa (g)
0.2	1.500 (SMs, Site Class C)
1.0	0.780 (SM1, Site Class C)

Conterminous 48 States
2003 NEHRP Seismic Design Provisions
Latitude = 34.152
Longitude = -118.64700000000002
Design Spectral Response Accelerations SDs and SD1
SDs = 2/3 x SMs and SD1 = 2/3 x SM1
Site Class C - Fa = 1.0 ,Fv = 1.3

Period (sec)	Sa (g)
0.2	1.000 (SDs, Site Class C)
1.0	0.520 (SD1, Site Class C)


Design Spectrum Sa Vs T
Sa (g)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
0.1
0.2
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0.4
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0.7
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1
1.1
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1.4
1.5
1.6
1.7
1.8
1.9
2
2.1
T (sec)

ATTACHMENT C

CITY of CALABASAS

Community Development Department
Planning Division
100 Civic Center Way
Calabasas, CA 91302
T: 818.224.1600

www.cityofcalabasas.com

Notice of Exemption

To: X County Clerk, County of Los Angeles
12400 East Imperial Highway, Room 2001
Norwalk, CA 90650

__ Office of Planning and Research
1400 Tenth Street, Room 121
Sacramento, California 95814

SUBJECT: FILING OF NOTICE OF EXEMPTION IN COMPLIANCE WITH SECTION 15062 OF THE PUBLIC RESOURCES CODE

Project Title/File No.: Calabasas Senior Center

Project Location: 100 Civic Center Way, in the City of Calabasas, County of Los Angeles.

Project Description: The construction of a new free-standing two-story building totaling approximately 9,900 square feet, located in the rear (south) parking lot of the Calabasas Civic Center. The building will be designed to complement the architecture of the Calabasas Library and City Hall buildings already in place, and will match those buildings in style, proportion, details and materials. The building will include the following rooms/facilities to support activities and programs specifically targeted to the needs of the City's senior population: one arts & crafts room, one multi-purpose room, one sports/TV room, one café/lounge, one game room, a small kitchen, foyer, staff office, patio, and bathrooms. One or two staff person (s) and several senior volunteers will work at this location.

Name of approving public agency: City of Calabasas City Council

Project Sponsor: City of Calabasas, 100 Civic Center Way, Calabasas, CA 91302

Exempt Status:

__ Ministerial (Sec. 21080(b)(1); 15268)

__ Declared Emergency (Sec. 21080(b)(3); 15269(a))

__ Emergency Project (Sec. 21080(b)(4); 15269(b)(c))

X Categorical Exemption—Section 15303(c), (Class 3, New Construction or Conversion of Small Structures)

__ Statutory Exemptions. Section (N/A)

Reason(s) why Project is exempt: The proposed new Senior Center is exempt because it will total less than 10,000 square feet, and will be constructed on a previously developed and disturbed infill site located within an urbanized area; the site has all public services, utilities and infrastructure readily available; no significant amounts of hazardous substances will be stored, manufactured or used as part of this new facility; and the surrounding area is not environmentally sensitive.

Lead Agency/Contact Person: Tom Bartlett, City Planner, City of Calabasas Planning Division, 100 Civic Center Way, Calabasas, CA 91302.

Date: March 12, 2014 **Signature:** Tom Bartlett

Title: City Planner

Phone: 818-224-1600

Date received for filing and posting:

Approved by City Manager:

CITY of CALABASAS

CITY COUNCIL AGENDA REPORT

DATE: FEBRUARY 25, 2014

TO: HONORABLE MAYOR AND COUNCILMEMBERS

FROM: ROBERT YALDA, P.E., T.E., PUBLIC WORKS DIRECTOR/CITY ENGINEER
MARC SEFERIAN, P.E., T.E., SENIOR CIVIL ENGINEER

SUBJECT: DISCUSSION AND GUIDANCE TO STAFF REGARDING DISCONTINUATION OF SUNDAY TROLLEY SERVICE.

MEETING DATE: MARCH 12, 2014

SUMMARY RECOMMENDATION:

Provide guidance to City Staff on whether or not to discontinue Sunday trolley service.

BACKGROUND:

Transportation demands evolve over time; new development, changing demographics and land use modifications in a community create new demands on a public transit network. The City of Calabasas has continually evolved over the past 22 years into a suburban city. Many developments, both commercial and residential have shaped it into its present state. Staff is taking the opportunity, over the next few months, to review the public transit system in its entirety and assess options for route re-alignment, scheduling modifications, and service efficiencies. At the Traffic and Transportation Commission meeting of January 28, 2014, staff presented a report recommending the termination of Trolley service on Sundays.

DISCUSSION/ANALYSIS:

Staff reviewed the ridership tracking sheets that are supplied by the service provider on a monthly basis. These ridership sheets show boardings and alightings per route

and are instrumental when reviewing performance and service efficiency. The Traffic/Transportation Division reviewed weekend transit ridership over the last six months as a preliminary phase of a more comprehensive transit efficiency study. The review of the ridership patterns of weekend transit service showed that Sunday has the lowest ridership per hour.

Staff also reviewed weekend transit ridership over the last 3.5 years, the length of time the City has been reporting public transit data to the Federal Transit Administration. After an initial elevated ridership in 2010-2011 the weekend service has been only lightly used until this year—when a sudden upswing in Friday and Saturday ridership was observed. For the first half of Fiscal Year 2013/14, ridership on the Trolley for Friday and Saturday has set at a new high. Ridership on Sundays did not see a similar resurgence of patronage.

After reviewing weekend ridership and cost of service, Staff determined that the cost per passenger on Sundays at approximately $3.08. In addition, the greenhouse gas emissions when running unfilled buses adds an excessive and unwarranted amount of pollution to our local environment. At the January 28th, 2014 meeting of the Traffic and Transportation Commission, this item was presented and discussed. The Commission approved a recommendation to Council to discontinue Sunday service (EXHIBIT A).

Staff distributed a flyer (EXHIBIT B) during weekend service, notifying riders that staff were taking this issue to Council. The flyer further outlined that should Council decide to terminate service, this would happen in early/mid-march. Riders were also encouraged to email staff with any concerns, comments or complaints concerning this potential action. Over the month of February, a total of 50 flyers have been distributed to riders. Staff has not received email comments to date. Staff has also boarded the trolley during peak hour service on Sundays (5:00PM-7:00PM) to gather ridership numbers representing recent usage (EXHIBIT C).

FISCAL IMPACT/SOURCE OF FUNDING:

There will be a savings of approximately $20,000 per year.

REQUESTED ACTION:

Provide guidance to City Staff on whether or not to discontinue Sunday trolley service.

ATTACHMENTS:

EXHIBIT A Minutes of the TTC Meeting of January 28, 2014
EXHIBIT B Service Reduction Announcement Flyer
EXHIBIT C Ridership Data

Item 6
EXHIBIT A

MINUTES OF A REGULAR MEETING OF THE TRAFFIC AND TRANSPORTATION COMMISSION OF THE CITY OF CALABASAS, CALIFORNIA HELD TUESDAY, JANUARY 28, 2014

Chair Newfield called the meeting to order at 7:00 p.m. in the City Council Chambers of City Hall, 100 Civic Center Way, Calabasas, California.

ROLL CALL

Present: Chair Newfield, Commissioner Valk, Commissioner Canfield, Commissioner Buehring, Commissioner Marks, Student Member Alexandroff.

Staff: Seferian, Thompson, Govargez, Ford and Brozyna.

The Pledge of Allegiance was led by Detective Huelson.

APPROVAL OF AGENDA

Commissioner Marks moved to approve the January 28, 2014 agenda, seconded by Commissioner Valk. MOTION CARRIED 5/0.

APPROVAL OF MINUTES

Commissioner Valk moved, Commissioner Canfield seconded for approval of the October 22, 2013 minutes. MOTION CARRIED 5/0.

CALIFORNIA HIGHWAY PATROL REPORT

Officer Figueroa presented the report.

SHERIFF'S DEPARTMENT REPORT

Detective Dave Huelsen presented the report. Commissioner Marks requested statistics for the number of tickets between the Sheriff's Department and Securol and that Securol appear at a future meeting with a presentation on their services to the City.

SCHOOL & TRAFFIC COORDINATOR REPORTS

Deputy Dave Huelsen presented the report. ***Commissioner Valk motioned, Commissioner Canfield seconded, to commend Sergeant Brooks for service to the City. MOTION CARRIED 5/0.***

PUBLIC COMMENT

There was no public comment.

AGENDA ITEMS:

1. **Lost Hills Road Bridge and Interchange Project Update – Presentation Only.**

   Deputy Director Andrew Brozyna gave the report.

2. **Parkway Calabasas/US 101 Interchange Improvements Project.**

Assistant Civil Engineer, Barsin Govargez, presented the report.

3. **Transit Efficiency Study.**

   Assistant Transportation Planner, Ryan Thompson, presented the report. ***Commissioner Buehring motioned to recommend cancellation of Sunday Trolley service beginning March 1, 2014 with the provision that staff provide hard data to Council and implement the roll out as outlined. Commissioner Valk seconded. MOTION CARRIED 5/0***.

4. **Local Traffic Improvements/Citizen Requests, Quarterly Report.**

   Assistant Civil Engineer, Barsin Govargez, presented the report.

DIVISION REPORT

Senior Civil Engineer Marc Seferian presented the Division Report. Chair Newfield requested talking points/agenda, final plans and drawings for the Measure R workshops be sent to the Commissioners. Commissioner Valk suggested contacting the City Attorney regarding the conditions Commissioners must comply with when attending discussions outside the Traffic & Transportation Commission meetings.

FUTURE AGENDA ITEMS

There were no requests.

ADJOURN

Commissioner Marks moved to adjourn, seconded by Commissioner Buehring. MOTION CARRIED 5/0

The Traffic and Transportation Commission adjourned at 9:20 p.m.

Item 6
Exhibit B

CITY *of* CALABASAS

SUBJECT: CITY OF CALABASAS TRANSIT SERVICE, SUNDAY SERVICE LEVEL REDUCTION

Dear Transit User:

The City of Calabasas is notifying you of the following changes to the Calabasas Transit System (CTS). Due to low ridership, the City of Calabasas is planning to eliminate Sunday service on the Trolley.

Staff undertook an investigation to determine the ridership of CTS on weekends. During this investigation, it was determined that while ridership on Friday and Saturday remained sufficient to warrant service, Sunday ridership levels were too low to warrant continued service.

This service level change will go into effect, pending Council approval, on Sunday, March 2nd, 2014.

The City of Calabasas remains committed to public transit services and is investigating alternative methods of providing service to Sunday CTS users.

Please contact Ryan Thompson at rthompson@cityofcalabasas.com if you are a Sunday service user and these service level changes affect you.

Item 6
EXHIBIT C

Trolley **Passengers already**		Driver: Lilah	Date: 02/02/14	Day of week: Sun	Trip Start Time: 5:00
Trip I.D. # **On Board:**	5				
	BOARDINGS	ALIGHTINGS	PASSENGERS ON	DISTANCE TO NEXT	PASSENGER MILES
STOPS	(Passengers on)	(passengers off)	BOARD	STOP (miles)	
Las Virgenes Road at Thousand Oaks Boulevard (SW)		4	1	1.1	1.1
Agoura Road at Las Virgenes Road (Albertson's)	2	1	2	0.6	1.2
Agoura Road at Lost Hills Road			2	0.3	0.6
Malibu Hills Road at Agoura Road (Community Center)			2	1	2
Lost Hills Road at Las Virgenes Road (De Anza Park)			2	2.1	4.2
Mureau Road at Las Virgenes Road (SE)	1		3	2.3	6.9
Parkway Calabasas at Calabasas Road			3	0.3	0.9
Parkway Calabasas at Park Granada	1		4	0.7	2.8
Parkway Calabasas at Park Entrada			4	0.4	1.6
Parkway Calabasas at Camino Portal		1	3	0.2	0.6
Parkway Calabasas at Paseo Primario (North)		2	1	1.3	1.3
Park Sorrento at Civic Center Way (City Hall/Library)			1	0.5	0.5
Park Granada at Park Capri			1	0.3	0.3
Park Granada at Calabasas Road (Downtown)			1	0.6	0.6
Calabasas Road at El Canon Avenue (Oldtown)			1	1.9	1.9
Mulholland Highway at Freedom Drive			1	0.7	0.7
Mulholland Highway at Eddingham Avenue			1	1.8	1.8
Mulholland Highway at Mobile Home Park			1	1.5	1.5
Old Topanga Canyon Road at Calabasas High School			1	0.3	0.3
Old Topanga Canyon Road at Wrencrest Dr.			1	0.8	0.8
Park Sorrento at Park Ora			1	0.4	0.4
Park Sorrento at Park Mirasol (Tennis & Swim Center)			1	0.4	0.4
Calabasas Road at Commons Way (Babies "R" Us)			1	0.3	0.3
Park Sorrento at Civic Center Way (City Hall/Library)			1	3.1	3.1
Mureau Road at Las Virgenes Road (NE)			1	0.6	0.6
			Total Loop Mileage	23.5	
Total:	9	8			36.4

EXHIBIT C

Trolley **Passengers already**		Driver: Lilah	Date: 02/02/14	Day of week: Sun	Trip Start Time: 6:00
Trip I.D. # **On Board:**	1				
	BOARDINGS	ALIGHTINGS	PASSENGERS ON	DISTANCE TO NEXT	PASSENGER MILES
STOPS	(Passengers on)	(passengers off)	BOARD	STOP (miles)	
Las Virgenes Road at Thousand Oaks Boulevard (SW)			1	1.1	1.1
Agoura Road at Las Virgenes Road (Albertson's)		1	0	0.6	0
Agoura Road at Lost Hills Road			0	0.3	0
Malibu Hills Road at Agoura Road (Community Center)			0	1	0
Lost Hills Road at Las Virgenes Road (De Anza Park)			0	2.1	0
Mureau Road at Las Virgenes Road (SE)			0	2.3	0
Parkway Calabasas at Calabasas Road			0	0.3	0
Parkway Calabasas at Park Granada	1		1	0.7	0.7
Parkway Calabasas at Park Entrada			1	0.4	0.4
Parkway Calabasas at Camino Portal		1	0	0.2	0
Parkway Calabasas at Paseo Primario (North)			0	1.3	0
Park Sorrento at Civic Center Way (City Hall/Library)			0	0.5	0
Park Granada at Park Capri			0	0.3	0
Park Granada at Calabasas Road (Downtown)			0	0.6	0
Calabasas Road at El Canon Avenue (Oldtown)			0	1.9	0
Mulholland Highway at Freedom Drive			0	0.7	0
Mulholland Highway at Eddingham Avenue			0	1.8	0
Mulholland Highway at Mobile Home Park			0	1.5	0
Old Topanga Canyon Road at Calabasas High School			0	0.3	0
Old Topanga Canyon Road at Wrencrest Dr.			0	0.8	0
Park Sorrento at Park Ora			0	0.4	0
Park Sorrento at Park Mirasol (Tennis & Swim Center)			0	0.4	0
Calabasas Road at Commons Way (Babies "R" Us)			0	0.3	0
Park Sorrento at Civic Center Way (City Hall/Library)			0	3.1	0
Mureau Road at Las Virgenes Road (NE)			0	0.6	0
			Total Loop Mileage	23.5	
Total:	2	2			2.2

EXHIBIT C

Trolley	**Passengers already**		Driver: Lilah	Date: 03/02/14	Day of week: Sun	Trip Start Time: 5:00
Trip I.D. #	**On Board:**	3				
		BOARDINGS	ALIGHTINGS	PASSENGERS ON	DISTANCE TO NEXT	PASSENGER MILES
STOPS		(Passengers on)	(passengers off)	BOARD	STOP (miles)	
Las Virgenes Road at Thousand Oaks Boulevard (SW)			2	1	1.1	1.1
Agoura Road at Las Virgenes Road (Albertson's)		2	1	2	0.6	1.2
Agoura Road at Lost Hills Road				2	0.3	0.6
Malibu Hills Road at Agoura Road (Community Center)				2	1	2
Lost Hills Road at Las Virgenes Road (De Anza Park)				2	2.1	4.2
Mureau Road at Las Virgenes Road (SE)				2	2.3	4.6
Parkway Calabasas at Calabasas Road		2		4	0.3	1.2
Parkway Calabasas at Park Granada				4	0.7	2.8
Parkway Calabasas at Park Entrada				4	0.4	1.6
Parkway Calabasas at Camino Portal			2	2	0.2	0.4
Parkway Calabasas at Paseo Primario (North)				2	1.3	2.6
Park Sorrento at Civic Center Way (City Hall/Library)		2	2	2	0.5	1
Park Granada at Park Capri				2	0.3	0.6
Park Granada at Calabasas Road (Downtown)				2	0.6	1.2
Calabasas Road at El Canon Avenue (Oldtown)				2	1.9	3.8
Mulholland Highway at Freedom Drive				2	0.7	1.4
Mulholland Highway at Eddingham Avenue			1	1	1.8	1.8
Mulholland Highway at Mobile Home Park		2	1	2	1.5	3
Old Topanga Canyon Road at Calabasas High School				2	0.3	0.6
Old Topanga Canyon Road at Wrencrest Dr.				2	0.8	1.6
Park Sorrento at Park Ora				2	0.4	0.8
Park Sorrento at Park Mirasol (Tennis & Swim Center)				2	0.4	0.8
Calabasas Road at Commons Way (Babies "R" Us)				2	0.3	0.6
Park Sorrento at Civic Center Way (City Hall/Library)				2	3.1	6.2
Mureau Road at Las Virgenes Road (NE)				2	0.6	1.2
				Total Loop Mileage	23.5	
Total:		11	9			46.9

EXHIBIT C

Trolley **Passengers already**		Driver: Lilah	Date: 03/02/14	Day of week: Sun	Trip Start Time: 6:00
Trip I.D. # **On Board:**	2				
	BOARDINGS	ALIGHTINGS	PASSENGERS ON	DISTANCE TO NEXT	PASSENGER MILES
STOPS	(Passengers on)	(passengers off)	BOARD	STOP (miles)	
Las Virgenes Road at Thousand Oaks Boulevard (SW)			2	1.1	2.2
Agoura Road at Las Virgenes Road (Albertson's)		2	0	0.6	0
Agoura Road at Lost Hills Road			0	0.3	0
Malibu Hills Road at Agoura Road (Community Center)			0	1	0
Lost Hills Road at Las Virgenes Road (De Anza Park)	1		1	2.1	2.1
Mureau Road at Las Virgenes Road (SE)			1	2.3	2.3
Parkway Calabasas at Calabasas Road			1	0.3	0.3
Parkway Calabasas at Park Granada			1	0.7	0.7
Parkway Calabasas at Park Entrada			1	0.4	0.4
Parkway Calabasas at Camino Portal	1		2	0.2	0.4
Parkway Calabasas at Paseo Primario (North)			2	1.3	2.6
Park Sorrento at Civic Center Way (City Hall/Library)		2	0	0.5	0
Park Granada at Park Capri			0	0.3	0
Park Granada at Calabasas Road (Downtown)			0	0.6	0
Calabasas Road at El Canon Avenue (Oldtown)			0	1.9	0
Mulholland Highway at Freedom Drive			0	0.7	0
Mulholland Highway at Eddingham Avenue			0	1.8	0
Mulholland Highway at Mobile Home Park			0	1.5	0
Old Topanga Canyon Road at Calabasas High School			0	0.3	0
Old Topanga Canyon Road at Wrencrest Dr.			0	0.8	0
Park Sorrento at Park Ora	1		1	0.4	0.4
Park Sorrento at Park Mirasol (Tennis & Swim Center)			1	0.4	0.4
Calabasas Road at Commons Way (Babies "R" Us)			1	0.3	0.3
Park Sorrento at Civic Center Way (City Hall/Library)		1	0	3.1	0
Mureau Road at Las Virgenes Road (NE)			0	0.6	0
			Total Loop Mileage	23.5	
Total:	5	5			12.1

Approved by City Manager:

CITY of CALABASAS

CITY COUNCIL AGENDA REPORT

DATE: MARCH 3, 2014

TO: HONORABLE MAYOR AND COUNCILMEMBERS

FROM: TALYN MIRZAKHANIAN, SENIOR PLANNER
ANDREW COHEN-CUTLER, ASSOCIATE PLANNER

SUBJECT: ADOPTION OF RESOLUTION NO. 2014-1398, A REQUEST TO DESIGNATE THE CALABASAS SCHOOLHOUSE BELL, LOCATED AT 4029 LAS VIRGENES ROAD (AE WRIGHT MIDDLE SCHOOL) WITHIN THE PUBLIC FACILITY (PF) ZONING DISTRICT, AS A LOCAL HISTORIC LANDMARK.

MEETING DATE: MARCH 12, 2014

SUMMARY RECOMMENDATION:

Staff recommends that the City Council adopt City Council Resolution No. 2014-1398 (Attachment A), designating the Calabasas Schoolhouse Bell located at 4029 Las Virgenes Road within the Public Facility (PF) zoning district, as a local historic landmark.

BACKGROUND:

Section 17.36.080 of the Calabasas Municipal Code allows any person or group, including the City, to request the designation of a historic resource as a historic landmark. A Historic Resources Survey, conducted in June 2010, listed all historic resources in Calabasas eligible for designation as historic landmarks, landscapes, or districts. The Schoolhouse Bell was included on this list. On August 1, 2012, staff was asked by the Historic Preservation Commission to investigate official designation of six of the eligible historic resources included in the 2010 survey. The Calabasas Schoolhouse Bell was one of the six landmarks staff was directed to

investigate.
In September 2013, staff received confirmation from the Superintendent of the Las Virgenes Unified School District that they were in support of the city moving forward with the designation of the Schoolhouse Bell. On January 23, 2014, the Historic Preservation Commission evaluated the designation of the Bell at a noticed public hearing and voted unanimously to recommend the City Council approval of this designation (see Attachment B for the HPC Resolution).

STAFF ANALYSIS:

A. Description/History: The Schoolhouse Bell is currently located on the AE Wright Middle School campus at 4029 Las Virgenes Road. The bell hangs from an iron structure, which has been painted white and is mounted on a concrete base. On top of the base is a plaque dated 1950, dedicating the bell to the Las Virgenes Union School District.

The Schoolhouse Bell is the one that hung in the Calabasas School, located at 24454 Calabasas Road, west of Parkway Calabasas. The original schoolhouse building, constructed in 1890, was a one-room Victorian style building with a bell tower, from which the Schoolhouse Bell hung. Around 1925, the Victorian Schoolhouse building was replaced by a Spanish Colonial Revival style building, a portion of which remains standing today. The new building continued to function as a school until 1950, when the building and three acres were sold to Charles Mureau. That same year, the Schoolhouse Bell was dedicated to the Las Virgenes Union School District, (later changed to the Las Virgenes Unified School District), and placed on the grounds of what was then the Las Virgenes Union Elementary School (currently the AE Wright Middle School).

B. Significance: The period of significance of the Schoolhouse Bell is 1890 to 1925. It is the oldest and only remaining artifact from the original (1890) Calabasas Schoolhouse building. The Bell embodies characteristics of school bells from that time period and signifies the importance of education in the Calabasas community. Today, in preservation of the Bell's "Education" theme, the bell is displayed on the grounds of AE Wright Middle School.

C. Integrity: Although the Schoolhouse Bell has been removed from its original location, the Bell retains a high degree of integrity because the object itself (inclusive of materials) remains unaltered. The condition of the bell has been preserved to the greatest extent possible, given it was relocated from its original position.

DESIGNATION CRITERIA:

The designation criteria required in Section 17.36.050(B) of the Calabasas Municipal Code for a Historic Landmark are evaluated in the resolution attached as Attachment A.

FISCAL IMPACT/SOURCE OF FUNDING:

None

REQUESTED ACTION:

Staff recommends that the City Council adopt City Council Resolution No. 2014-1398 approving File No. 130000313 designating the Calabasas Schoolhouse Bell, located at 4029 Las Virgenes Road within the Public Facility (PF) zoning district, a Local Historic Landmark.

ATTACHMENTS:
A - City Council Resolution No. 2014-1398
B - Historic Preservation Commission Resolution No. 13-011
C - Survey Forms

RESOLUTION NO. 2014-1398

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CALABASAS, CALIFORNIA, APPROVING FILE NO. 130000313, DESIGNATING THE CALABASAS SCHOOLHOUSE BELL, LOCATED AT 4029 LAS VIRGENES ROAD, AS A LOCAL HISTORIC LANDMARK.

WHEREAS, the Calabasas character and history are reflected in its cultural, historical, and architectural heritage, and

WHEREAS, the Cultural Resources Element in the Calabasas General Plan sets forth Goals and Policies to conserve Calabasas' historic buildings and districts, and

WHEREAS, the Historic Preservation Commission has reviewed this resource and determined it to be historically significant and found that it could contribute to the economic and cultural revival of the city.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CALABASAS AS FOLLOWS:

SECTION 1. The City Council of the City of Calabasas has considered all of the evidence submitted into the administrative record which includes, but is not limited to:

1. Agenda reports were prepared by the Community Development Department.

2. Staff presentation at the meeting held on March 12, 2014, before the City Council.

3. The City of Calabasas Land Use and Development Code, General Plan, and all other applicable regulations and codes.

4. Public comments, both written and oral, received and/or submitted at or prior to the meeting, supporting and/or opposing the applicant's request.

5. Testimony and/or comments from the applicant and its representatives submitted to the City in both written and oral form at or prior to the meeting.

6. All related documents received and/or submitted at or prior to the meeting.

SECTION 2. The City Council of the City of Calabasas, based on the foregoing evidence, finds that:

1. An application, File No. 130000313, for designation as a Local Historic Landmark was submitted on March 19, 2013.

2. On January 23, 2014, the Historic Preservation Commission reviewed the project at a noticed public hearing and unanimously voted to adopt HPC Resolution No. 13-011, recommending to the City Council designation of the Calabasas Schoolhouse Bell as a local historic landmark.

3. Notice of the March 12, 2014, City Council meeting was posted at Juan Bautista de Anza Park, the Calabasas Tennis and Swim Center, Gelson's market, the Agoura Calabasas Recreation Center and Calabasas City Hall.

4. Notice of the March 12, 2014 City Council meeting was provided to the affected property owner and adjacent property owners as shown on the latest equalized assessment roll.

5. Notice of the City Council meeting included the notice requirements set forth in Government Code Section 65009 (b)(2).

SECTION 3. The City Council, in view of all of the evidence and based on the foregoing findings, concludes as follows:

The Calabasas Schoolhouse Bell, located at 4029 Las Virgenes Road, meets the following designation criterion as contained in the City's Historic Preservation Ordinance, and is therefore worthy of preservation and designation as a Local Historic Landmark.

1. *CRITERIA 3- The Calabasas Schoolhouse Bell embodies the distinctive characteristics of a type, period, region or method of construction; represents the work of a master or possesses high artistic values.*

   Isaac C. Ijams, a homesteader, started the first school in Calabasas in 1884 on Calabasas Road. In 1890, Los Angeles County took over and built the Calabasas School, a one-room Victorian schoolhouse with a bell tower. The Calabasas Schoolhouse Bell is presumably the bell that hung in the 1890 Schoolhouse bell tower. The bell remained in the Schoolhouse until at least 1925. In 1950, the Schoolhouse Bell was dedicated to the Las Virgenes Union School District and placed on the grounds of what was then the Las Virgenes Union Elementary School (currently the AE Wright Middle School). Although the Schoolhouse Bell has been relocated from its original location, the Bell retains a high degree of integrity because the object itself (inclusive of materials) remains unaltered.

The bell is the oldest and only remaining artifact from the 1890 Calabasas Schoolhouse and embodies distinctive characteristics of the time period between 1890 and 1925. The bell represents the method of construction of school bells during the late 1800's to early 1900's. Therefore, the Calabasas Schoolhouse Bell is worthy of preservation and designation as a Local Historic Landmark.

SECTION 4. In view of all of the evidence and based on the foregoing designation criterion, the City Council designates the Calabasas School House Bell as a local Historic Landmark subject to the provisions of the City's Historic Preservation Ordinance (Chapter 17.36) and the following agreement:

1. Because the Calabasas School Bell is an object, location is not a needed element of integrity for designation, and therefore the Las Virgenes Unified School District may move the bell within the City of Calabasas, and retain its landmark status.

SECTION 5. The City Clerk shall certify to the adoption of this resolution and shall cause the same to be processed in the manner required by law.

PASSED, APPROVED AND ADOPTED this 12th day of March, 2014.

_____
Fred Gaines, Mayor

ATTEST:

_____
Maricela Hernandez, MMC
City Clerk

APPROVED AS TO FORM:

_____
Scott H. Howard, City Attorney

RESOLUTION NO. 13-011

A RESOLUTION OF THE CALABASAS HISTORIC PRESERVATION COMMISSION RECOMMENDING TO THE CITY COUNCIL APPROVAL OF FILE NO. 130000313, THE DESIGNATION OF THE CALABASAS SCHOOLHOUSE BELL AS A LOCAL HISTORIC LANDMARK.

SECTION 1. The Historic Preservation Commission has considered all of the evidence submitted into the administrative record which includes, but is not limited to:

1. Agenda reports prepared by the Community Development Department.

2. Staff presentation at the meeting held on January 23, 2014, before the Historic Preservation Commission.

3. The City of Calabasas Land Use and Development Code, General Plan, and all other applicable regulations and codes.

4. Public comments, both written and oral, received and/or submitted at or prior to the meeting, supporting and/or opposing the applicant's request.

5. Testimony and/or comments from the applicant and its representatives submitted to the City in both written and oral form at or prior to the meeting.

6. All related documents received and/or submitted at or prior to the meeting.

SECTION 2. Based on the foregoing evidence, the Historic Preservation Commission finds that:

1. The Historic Preservation Commission directed staff to proceed with the designation process for the Schoolhouse Bell on March 19, 2013.

2. Notice of the January 23, 2014, Historic Preservation Commission meeting was posted at Juan Bautista de Anza Park, the Calabasas Tennis and Swim Center, Gelson's market and Calabasas City Hall.

3. Notice of the January 23, 2014, Historic Preservation Commission meeting was provided to the affected property owners as shown on the latest equalized assessment roll by first class mail.

4. Notice of Historic Preservation Commission meeting included the notice requirements set forth in Government Code Section 65009 (b)(2).

SECTION 3. Based on the policies contained in the Calabasas General Plan and Historic Preservation Ordinance, the Historic Preservation Commission concludes as follows:

1. Calabasas' character and history are reflected in its cultural, historical, and architectural heritage;

2. Calabasas' historical foundations should be preserved as living parts of community life and development in order to foster an understanding of the City's past so that future generations may have a genuine opportunity to appreciate, enjoy, and understand Calabasas' rich heritage;

3. The Cultural Resources Element of the Calabasas General Plan sets forth Goals and Policies to conserve Calabasas' historic buildings and districts; and

4. The Historic Preservation Commission has reviewed this resource and determined it to be historically significant and could contribute to the economic and cultural revival of the City.

SECTION 4. In view of all of the evidence and based on the foregoing designation criterion, the Historic Preservation Commission concludes as follows:

The Calabasas Schoolhouse Bell, located at 4029 Las Virgenes Road, meets the following designation criterion as contained in the City's Historic Preservation Ordinance, and is therefore worthy of preservation and designation as a Local Historic Landmark.

1. *CRITERIA 3- The Calabasas Schoolhouse Bell embodies the distinctive characteristics of a type, period, region or method of construction; represents the work of a master or possesses high artistic values.*

   Isaac C. Ijams, a homesteader, started the first school in Calabasas in 1884 on Calabasas Road. In 1890, Los Angeles County took over and built the Calabasas School, a one-room Victorian schoolhouse with a bell tower. The Calabasas Schoolhouse Bell is presumably the bell that hung in the 1890 Schoolhouse bell tower. The bell remained in the Schoolhouse until at least 1925. In 1950, the Schoolhouse Bell was dedicated to the Las Virgenes Union School District and placed on the grounds of what was then the Las Virgenes Union Elementary School (currently the AE Wright Middle School). Although the Schoolhouse Bell has been relocated from its original location, the Bell retains a high degree of integrity because the object itself (inclusive of materials) remains unaltered.

The bell is the oldest and only remaining artifact from the 1890 Calabasas Schoolhouse and embodies distinctive characteristics of the time period between 1890 and 1925. The bell represents the method of construction of school bells during the late 1800's to early 1900's. Therefore, the Calabasas Schoolhouse Bell is worthy of preservation and designation as a Local Historic Landmark.

SECTION 5. In view of all of the evidence and based on the foregoing designation criterion, the Historic Preservation Commission recommends to the City Council designation of the Calabasas Schoolhouse Bell at 4029 Las Virgenes Road as a Local Historic Landmark subject to the provisions of the City's Historic Preservation Ordinance (Chapter 17.36) and the following agreement:

1. Because the Calabasas Schoolhouse Bell is an object, location is not a needed element of integrity for designation. Therefore the Las Virgenes Unified School District may move the bell within the City of Calabasas while retaining the bell's landmark status.

SECTION 6. All documents described in Section 1 of Historic Preservation Commission Resolution No. 13-011 are deemed incorporated by reference as set forth at length.

HISTORIC PRESERVATION COMMISSION RESOLUTION NO. 13-011 PASSED, APPROVED AND ADOPTED this 23rd day of January 2014.

_____
Judy Jordan, Chairperson

ATTEST:

_____
Talyn Mirzakhanian (for) Maureen Tamuri,
Community Development Director / City Historic Preservation Officer

Historic Preservation Commission Resolution No. 13-011, was adopted by the Historic Preservation Commission meeting held January 23, 2014, and that it was adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINED

"The Secretary of the Historic Preservation Commission shall certify the adoption of this Resolution, and transmit copies of this Resolution to the applicant along with proof of mailing in the form required by law and enter a copy of this Resolution in the book of Resolutions of the Historic Preservation Commission. Section 1094.6 of the Civil Code of Procedure governs the time in which judicial review of this decision may be sought."

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 5S3

Survey #
DOE #
Other Listings
Review Code
Reviewer
Date

Page 1 ***Resource Name or #:** (Assigned by Recorder) 4029 Las Virgenes Road

P1. Other Identifier: Schoolhouse Bell

***P2. Location:** ☐ **Not for Publication** ☑ **unrestricted**

***a. County** Los Angeles **and** (P2c, P2e, and P2b or P2d. Attach a Location Map as Necesary

***b. USGS 7.5' Quad** _____ **Date** _____ **T** ___; **R** ___; ___ **1/4 of** ___ **1/4 of Sec** ___; ___ **B.M.**

c. Address 4029 Las Virgenes Road City: Calabasas Zip 91302

d. UTM: (Give more than one fr large and/or linear resources) Zone ___; _____ mE/ _____ mN

e. Other Locational Data: (e.g., parcel #, directions to resource, etc. as appropriate)

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition,alterations, size, setting, and boudnaries)

The schoolhouse bell is located on the A.E. Wright Middle School campus. It is mounted on a concrete base and hangs from an iron structure, which has been painted white. On top of the base is a plaque dated 1950.

***P3b. Resource Attributes:** (List Attributes and codes) HP39

***P4. Resources Present** ☐ Building ☐ Structure ☑ Object ☐ Site ☐ District ☐ Element of District ☐ Other (isolates, etc.)

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)

P5b. Description of Photo: (View, date, accession #)

***P6. Date Constructed/Age and Source:** ☑ Historic ☐ Prehistoric ☐ Both

1890

***P7. Owner and Address:**

***P8. Recorded by:**
Christina Chiang
Architectural Historian
Christopher A. Joseph & Associates
523 West 6th Street, Ste. 1134
Los Angeles, CA 90014

***P9. Date Recorded:** 10/9/2008

***P10. Survey Type** (Describe)
Survey - Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")
Calabasas Historic Resources Survey

***Attachments:** NONE ☐ Location Map ☐ Sketch Map ☐ Continuation Sheet ☑ Building, Structure, and Object Record
☐ Archaeological Record ☐ District Record ☐ Linear Reature Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record Other (List): _____

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

***NRHP Status Code:** 5S3

Page 1 ***Resource Name or #:** (Assigned by Recorder) 4029 Las Virgenes Road

B1. Historic Name: Schoolhouse Bell
B2. Common Name:
B3. Original Use: B4. Present Use:
***B5. Architectural Style:**
***B6. Construction History:** (construction date, alterations, and date of alterations) Date Built: 1890

***B7. Moved?** ☑ **Yes/No** **Date:** 1950 **Original Location:**
***B8. Related Features:**

*B9a. Architect: b. Builder:
***B10. Significance: Theme:** Education **Area** City
Period of Significance **Property Type**
Applicable Criteria:
National Register: **California Register:** **Local Register:** L1

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Aslo address integrity.)
The schoolhouse bell is presumably the one that hung in the Calabasas School. Constructed in 1890, the one-room Victorian style building had a bell tower. It was replaced by a Spanish Colonial Revival style building in 1924-5. The bell may be eligible for designation under the local ordinance as the oldest and only remaining artifact from the Calabasas School. The Spanish Colonial Revival style building remains; however, it is ineligible for designation due to a lack of physical integrity.

B11. Additional Resource Attributes: (List attributes and codes) HP39
***B12. References:**

B13. Remarks:

***B14. Evaluator:** Christina Chiang
***Date of Evaluation:** 10/9/2008

(This space reserved for official comments.)

(Sketch Map with north arrow required.)

CITY of CALABASAS

Check Register Report

Bank: BANK OF AMERICA - OPERATING
Reporting Period: 2/19/2014 to 2/26/2014

Check No.	Check Date	Vendor Name	Check Description	Amount	Department
Administrative Services					
86886	2/20/2014	US BANK	VISA- APPLE ONLINE	106.77	Administrative Services
86886	2/20/2014	US BANK	VISA- OTTERBOX	102.99	Administrative Services
		Total Amount for 2 Line Item(s) from Administrative Services		**$209.76**	
Boards and Commissions					
86886	2/20/2014	US BANK	VISA- RALPHS	21.46	Boards and Commissions
		Total Amount for 1 Line Item(s) from Boards and Commissions		**$21.46**	
City Attorney					
86858	2/19/2014	COLANTUONO, LEVIN PC	GENERAL SERVICES	24,158.75	City Attorney
86858	2/19/2014	COLANTUONO, LEVIN PC	CROWN CASTLE INC	1,031.00	City Attorney
86858	2/19/2014	COLANTUONO, LEVIN PC	2008 NOV RE COLIFORM	50.00	City Attorney
		Total Amount for 3 Line Item(s) from City Attorney		**$25,239.75**	
City Council					
86886	2/20/2014	US BANK	VISA- CORNER BAKERY	865.89	City Council
86886	2/20/2014	US BANK	VISA- LATTES ON LOCATION	825.00	City Council
86852	2/19/2014	CALABASAS HISTORICAL SOCIETY	MEMBERSHIP DUES- L. MARTIN	350.00	City Council
86886	2/20/2014	US BANK	VISA- WOLF CREEK RESTAURANT	276.55	City Council
86886	2/20/2014	US BANK	VISA- LA PAZ RESTAURANT	236.20	City Council
86886	2/20/2014	US BANK	VISA- CALABASAS SELF STORAGE	184.00	City Council
86886	2/20/2014	US BANK	VISA- OFFICE DEPOT	75.20	City Council
86851	2/19/2014	CALABASAS CHAMBER OF COMMERCE	CHAMBER BOWLING TOUR	75.00	City Council
86851	2/19/2014	CALABASAS CHAMBER OF COMMERCE	CHAMBER BOWLING TOUR	75.00	City Council
86901	2/26/2014	CALABASAS CHAMBER OF COMMERCE	CHAMBER BOWLING TOUR	75.00	City Council
86886	2/20/2014	US BANK	VISA- CHAPARRAL PFC	50.00	City Council
86886	2/20/2014	US BANK	VISA- CHAPARRAL PFC	50.00	City Council
86886	2/20/2014	US BANK	VISA- UPS STORE	33.50	City Council
86869	2/19/2014	MARTIN/LUCY//	REIMB BUSINESS LUNCH EXPENSE	30.00	City Council
86851	2/19/2014	CALABASAS CHAMBER OF COMMERCE	CHAMBER BREAKFAST	20.00	City Council
86886	2/20/2014	US BANK	VISA- CORNER BAKERY	19.20	City Council
86886	2/20/2014	US BANK	VISA- RITE AID	15.22	City Council
86886	2/20/2014	US BANK	VISA- BED BATH & BEYOND	10.89	City Council

APPROVED BY CITY MANAGER:

AGENDA ITEM NO. 8

Check No.	Check Date	Vendor Name	Check Description	Amount	Department
		Total Amount for 18 Line Item(s) from City Council		**$3,266.65**	
City Management					
86881	2/19/2014	WAREHOUSE OFFICE & PAPER PROD.	OFFICE SUPPLIES	30.47	City Management
86886	2/20/2014	US BANK	VISA- UPS STORE	24.60	City Management
86886	2/20/2014	US BANK	VISA- AMAZON.COM	21.24	City Management
		Total Amount for 3 Line Item(s) from City Management		**$76.31**	
Civic Center O&M					
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	4,481.56	Civic Center O&M
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	4,136.82	Civic Center O&M
86897	2/26/2014	B & B PLUMBING & HEATING INC.	PLUMBING REPAIRS- LIBRARY	995.00	Civic Center O&M
86962	2/26/2014	VORTEX INDUSTRIES INC	DOOR REPAIRS - LIBRARY	933.32	Civic Center O&M
86965	2/26/2014	WAXIE SANITARY SUPPLY	JANITORIAL SUPPLIES	816.16	Civic Center O&M
86954	2/26/2014	SOUTHERN CALIFORNIA GAS CO	GAS SERVICE	775.80	Civic Center O&M
86954	2/26/2014	SOUTHERN CALIFORNIA GAS CO	GAS SERVICE	716.13	Civic Center O&M
86965	2/26/2014	WAXIE SANITARY SUPPLY	JANITORIAL SUPPLIES	623.87	Civic Center O&M
86965	2/26/2014	WAXIE SANITARY SUPPLY	JANITORIAL SUPPLIES	566.19	Civic Center O&M
86856	2/19/2014	CIRCULATING AIR, INC.	HVAC MAINTENANCE	558.50	Civic Center O&M
86856	2/19/2014	CIRCULATING AIR, INC.	HVAC MAINTENANCE	558.50	Civic Center O&M
86965	2/26/2014	WAXIE SANITARY SUPPLY	JANITORIAL SUPPLIES	552.95	Civic Center O&M
86882	2/19/2014	WAXIE SANITARY SUPPLY	JANITORIAL SUPPLIES	534.03	Civic Center O&M
86882	2/19/2014	WAXIE SANITARY SUPPLY	JANITORIAL SUPPLIES	529.97	Civic Center O&M
86886	2/20/2014	US BANK	VISA- NOBLE RENTS	292.72	Civic Center O&M
86886	2/20/2014	US BANK	VISA- ABOVE GROUND POOL	180.41	Civic Center O&M
86886	2/20/2014	US BANK	VISA- FIRST SECURITY FIRE	95.00	Civic Center O&M
86886	2/20/2014	US BANK	VISA- FIRST SECURITY FIRE	95.00	Civic Center O&M
86886	2/20/2014	US BANK	VISA- HOME DEPOT	49.63	Civic Center O&M
86886	2/20/2014	US BANK	VISA- HOME DEPOT	40.20	Civic Center O&M
86886	2/20/2014	US BANK	VISA- WHITESWAN POOL	26.15	Civic Center O&M
86886	2/20/2014	US BANK	VISA- WHITESWAN POOL	26.14	Civic Center O&M
		Total Amount for 22 Line Item(s) from Civic Center O&M		**$17,584.05**	
Community Development					

Check No.	Check Date	Vendor Name	Check Description	Amount	Department
86968	2/26/2014	WILLDAN ASSOCIATES INC.	BLDG & SAFETY SERVICES- DEC 13	29,858.83	Community Development
86968	2/26/2014	WILLDAN ASSOCIATES INC.	BLDG & SAFETY SERVICES- NOV 13	7,395.77	Community Development
86902	2/26/2014	CALABASAS CREST LTD	R.A.P.- MAR 2014	5,586.00	Community Development
86910	2/26/2014	DAPEER, ROSENBLIT & LITVAK	LEGAL SERVICES	1,871.35	Community Development
86886	2/20/2014	US BANK	VISA- CA CODE ENFORCEMENT	312.50	Community Development
86936	2/26/2014	MILES/AUDREY//	R.A.P.- MAR 2014	190.00	Community Development
86909	2/26/2014	CROSBY/ GEORGE//	R.A.P.- MAR 2014	190.00	Community Development
86913	2/26/2014	FLEYSHMAN/ALBERT//	R.A.P.- MAR 2014	190.00	Community Development
86934	2/26/2014	MEDVETSKY/LINA//	R.A.P.- MAR 2014	190.00	Community Development
86920	2/26/2014	HENDERSON/LYN//	R.A.P.- MAR 2014	190.00	Community Development
86951	2/26/2014	SHAHIR/RAHIM//	R.A.P.- MAR 2014	190.00	Community Development
86969	2/26/2014	YAZDINIAN/SUSAN//	R.A.P.- MAR 2014	190.00	Community Development
86963	2/26/2014	WAREHOUSE OFFICE & PAPER PROD.	OFFICE SUPPLIES	127.58	Community Development
		Total Amount for 13 Line Item(s) from Community Development		**$46,482.03**	

Community Services

86870	2/19/2014	NOTIONIST	BROCHURE DESIGN- SPRING 2014	5,500.00	Community Services
86894	2/26/2014	ANDERSON TROPHY CO	B-BALL TROPHIES	5,478.83	Community Services
86917	2/26/2014	GOLDEN STATE SPORTS	B-BALL PHOTOGRAPHS	2,214.31	Community Services
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	1,096.00	Community Services
86863	2/19/2014	JACKSON/ D.J.//	FLASHLIGHTS	998.26	Community Services
86967	2/26/2014	WESTLAKE MALIBU LIFESTYLE	ARTS FEST ADVERTISING	850.00	Community Services
86886	2/20/2014	US BANK	VISA- CALABASAS SELF STORAGE	658.00	Community Services
86855	2/19/2014	CARTEGRAPH SYSTEMS, INC.	RESERVE PARTNER HOST- NOV 2013	650.00	Community Services
86855	2/19/2014	CARTEGRAPH SYSTEMS, INC.	RESERVE PARTNER HOST- DEC 2013	650.00	Community Services
86855	2/19/2014	CARTEGRAPH SYSTEMS, INC.	RESERVE PARTNER HOST- JAN 2014	650.00	Community Services
86878	2/19/2014	STEIN/PHILIP//	RECREATION INSTRUCTOR	586.60	Community Services
86891	2/26/2014	ALLEN/HARVEY//	BASKETBALL/OFFICIAL/SCORER	520.00	Community Services
86886	2/20/2014	US BANK	VISA- DODGER TICKETS	510.00	Community Services
86870	2/19/2014	NOTIONIST	BROCHURE DESIGN- SAVVY SENIOR	500.00	Community Services
86846	2/19/2014	ABSOLUTE PACKAGING SUPPLY INC	FACILITY MAINTENANCE SUPPLIES	460.38	Community Services
86866	2/19/2014	KRAUS/PETER//	RECREATION INSTRUCTOR	371.70	Community Services
86889	2/26/2014	ALAN LEE/ SHAUN//	BASKETBALL/OFFICIAL/SCORER	365.00	Community Services
86885	2/19/2014	ZEE MEDICAL SERVICE CO.	FIRST AID KIT SUPPLIES	299.31	Community Services
86846	2/19/2014	ABSOLUTE PACKAGING SUPPLY INC	FACILITY MAINTENANCE SUPPLIES	294.39	Community Services
86892	2/26/2014	ALSTER/JONATHAN S.//	RECREATION INSTRUCTOR	277.20	Community Services

Check No.	Check Date	Vendor Name	Check Description	Amount	Department
86949	2/26/2014	SAHIBZADA/FARHANA//	RECREATION INSTRUCTOR	254.10	Community Services
86895	2/26/2014	AT&T	TELEPHONE SERVICE	244.69	Community Services
86883	2/19/2014	WEBSTER PROMOTIONAL SVCS INC	LANYARDS	242.67	Community Services
86877	2/19/2014	SINDERBRAND/STEVE//	RECREATION INSTRUCTOR	228.90	Community Services
86926	2/26/2014	KOPSTEIN/STEVE//	BASKETBALL/OFFICIAL/SCORER	210.00	Community Services
86947	2/26/2014	RUBIN/RONNIE//	BASKETBALL/OFFICIAL/SCORER	200.00	Community Services
86857	2/19/2014	COHEN/SHELDON//	RECREATION INSTRUCTOR	195.30	Community Services
86954	2/26/2014	SOUTHERN CALIFORNIA GAS CO	GAS SERVICE	167.59	Community Services
86886	2/20/2014	US BANK	VISA- 7 ELEVEN	141.29	Community Services
86871	2/19/2014	OSLER BISHOP & ASSOCIATES	RECREATION INSTRUCTOR	135.80	Community Services
86886	2/20/2014	US BANK	VISA- SHELL OIL	130.00	Community Services
86849	2/19/2014	ANAYA/FELIPE//	REIMB MILEAGE - DEC 13/JAN 14	129.99	Community Services
86886	2/20/2014	US BANK	VISA- YA YA FAVOR	114.34	Community Services
86955	2/26/2014	TAKSEN/HOWARD//	BASKETBALL/OFFICIAL/SCORER	104.00	Community Services
86886	2/20/2014	US BANK	VISA- CITRUS COLLEGE	100.00	Community Services
86931	2/26/2014	LAUTERBACH/HOWARD//	BASKETBALL/OFFICIAL/SCORER	96.00	Community Services
86915	2/26/2014	GADBURY/KEITH//	BASKETBALL/OFFICIAL/SCORER	90.00	Community Services
86956	2/26/2014	TEMME/ROBERT//	BASKETBALL/OFFICIAL/SCORER	90.00	Community Services
86957	2/26/2014	TEMPLE/BRET//	BASKETBALL/OFFICIAL/SCORER	90.00	Community Services
86886	2/20/2014	US BANK	VISA- DO IT CENTER	89.83	Community Services
86874	2/19/2014	PORT-A-STOR INC.	STORAGE - A E WRIGHT	85.00	Community Services
86874	2/19/2014	PORT-A-STOR INC.	STORAGE - LUPIN HILL	85.00	Community Services
86845	2/19/2014	A 1 LIVESCAN FINGERPRINTING	FINGERPRINTING SERVICES	75.00	Community Services
86937	2/26/2014	MONTGOMERY/MICHAEL//	BASKETBALL/OFFICIAL/SCORER	75.00	Community Services
86945	2/26/2014	PORTARO/SAL//	BASKETBALL/OFFICIAL/SCORER	75.00	Community Services
86932	2/26/2014	LAUTERBACH/RACHEL//	BASKETBALL/OFFICIAL/SCORER	72.00	Community Services
86895	2/26/2014	AT&T	TELEPHONE SERVICE	67.28	Community Services
86859	2/19/2014	DEPARTMENT OF JUSTICE	STAFF FINGERPRINTING APPS	64.00	Community Services
86924	2/26/2014	ISRAEL/BOB//	BASKETBALL/OFFICIAL/SCORER	54.00	Community Services
86886	2/20/2014	US BANK	VISA- MALIBU LAUNDRY	50.00	Community Services
86895	2/26/2014	AT&T	TELEPHONE SERVICE	40.53	Community Services
86886	2/20/2014	US BANK	VISA- AMC PROMENADE	40.00	Community Services
86886	2/20/2014	US BANK	VISA- FANDANGO	36.00	Community Services
86912	2/26/2014	FISHMAN/MICHAEL//	BASKETBALL/OFFICIAL/SCORER	27.00	Community Services
86914	2/26/2014	FRANZINO/JACK//	BASKETBALL/OFFICIAL/SCORER	27.00	Community Services
86886	2/20/2014	US BANK	VISA- CONSTANT CONTACT	24.50	Community Services
86886	2/20/2014	US BANK	VISA- UNION 76	18.99	Community Services

Check No.	Check Date	Vendor Name	Check Description	Amount	Department
86886	2/20/2014	US BANK	VISA- HOME DEPOT	12.00	Community Services
		Total Amount for 58 Line Item(s) from Community Services		**$26,912.78**	
Finance					
86919	2/26/2014	HDL, COREN & CONE INC.	PROPERTY TAX SERVICES	1,250.00	Finance
86848	2/19/2014	ADP, INC	PAYROLL PROCESSING	897.69	Finance
86862	2/19/2014	GOVERNMENT FINANCE OFFICERS	ANNUAL MEMBER DUES-G. LYSIK	225.00	Finance
86886	2/20/2014	US BANK	VISA- BEST BUYS	196.13	Finance
86886	2/20/2014	US BANK	VISA- STAPLES	75.83	Finance
		Total Amount for 5 Line Item(s) from Finance		**$2,644.65**	
Klubhouse Preschool					
86886	2/20/2014	US BANK	VISA- COSTCO	1,648.28	Klubhouse Preschool
86886	2/20/2014	US BANK	VISA- COASTAL MEDIA GROUP	1,050.00	Klubhouse Preschool
86886	2/20/2014	US BANK	VISA- HOME DEPOT	801.87	Klubhouse Preschool
86886	2/20/2014	US BANK	VISA- DISCOUNT SCHOOL SUPPLY	496.97	Klubhouse Preschool
86929	2/26/2014	L.A. CO. FIRE DEPARTMENT	HAZMAT PROGRAM CUPA# AR0019106	494.20	Klubhouse Preschool
86970	2/26/2014	ZEBRA ENTERTAINMENT & EVENTS	KLUBHOUSE EVENTS	189.00	Klubhouse Preschool
86921	2/26/2014	HOUSE SANITARY SUPPLY, INC.	JANITORIAL SUPPLIES	167.54	Klubhouse Preschool
86895	2/26/2014	AT&T	TELEPHONE SERVICE	156.98	Klubhouse Preschool
86961	2/26/2014	VLR DAIRY SERVICES	MILK/YOGURT DELIVERY	148.08	Klubhouse Preschool
86886	2/20/2014	US BANK	VISA- HARBOR FREIGHT	145.32	Klubhouse Preschool
86886	2/20/2014	US BANK	VISA- TARGET	106.75	Klubhouse Preschool
86886	2/20/2014	US BANK	VISA- TARGET	7.33	Klubhouse Preschool
		Total Amount for 12 Line Item(s) from Klubhouse Preschool		**$5,412.32**	
Library					
86916	2/26/2014	GALE CENGAGE LEARNING	E-BOOKS	19,977.18	Library
86887	2/26/2014	3M	CLOUD LICENSE	13,847.87	Library
86946	2/26/2014	RECORDED BOOKS, LLC	E-BOOKS	4,200.00	Library
86946	2/26/2014	RECORDED BOOKS, LLC	E-BOOKS	2,402.11	Library
86946	2/26/2014	RECORDED BOOKS, LLC	E-BOOKS	1,425.00	Library
86916	2/26/2014	GALE CENGAGE LEARNING	E-BOOKS	1,172.88	Library
86946	2/26/2014	RECORDED BOOKS, LLC	E-BOOKS	1,050.00	Library

Check No.	Check Date	Vendor Name	Check Description	Amount	Department
86942	2/26/2014	OCLC, INC.	MEMBERSHIP DUES- FEB 2014	966.00	Library
86942	2/26/2014	OCLC, INC.	MEMBERSHIP DUES- FEB 2014	624.66	Library
86898	2/26/2014	BAKER & TAYLOR	BOOKS-LIBRARY	349.44	Library
86916	2/26/2014	GALE CENGAGE LEARNING	E-BOOKS	300.00	Library
86922	2/26/2014	INGRAM LIBRARY SERVICES	BOOKS-LIBRARY	293.76	Library
86958	2/26/2014	TIME WARNER CABLE	CABLE MODEM- LIBRARY	290.00	Library
86898	2/26/2014	BAKER & TAYLOR	BOOKS-LIBRARY	286.45	Library
86899	2/26/2014	BLACKSTONE AUDIO INC	BOOKS ON CD	200.00	Library
86898	2/26/2014	BAKER & TAYLOR	BOOKS-LIBRARY	188.92	Library
86898	2/26/2014	BAKER & TAYLOR	BOOKS-LIBRARY	188.91	Library
86886	2/20/2014	US BANK	VISA- AMERICAN LIBRARY ASSOC	183.00	Library
86966	2/26/2014	WENGER/DEANNE//	YOGA INSTRUCTOR- LIBRARY	180.00	Library
86922	2/26/2014	INGRAM LIBRARY SERVICES	BOOKS-LIBRARY	172.97	Library
86898	2/26/2014	BAKER & TAYLOR	BOOKS-LIBRARY	157.73	Library
86899	2/26/2014	BLACKSTONE AUDIO INC	BOOKS ON CD	153.00	Library
86895	2/26/2014	AT&T	TELEPHONE SERVICE	150.86	Library
86886	2/20/2014	US BANK	VISA- BOOKLIST MAGAZINE	147.50	Library
86922	2/26/2014	INGRAM LIBRARY SERVICES	BOOKS-LIBRARY	141.02	Library
86935	2/26/2014	MIDWEST TAPE	DVD'S-LIBRARY	103.36	Library
86935	2/26/2014	MIDWEST TAPE	DVD'S-LIBRARY	74.02	Library
86946	2/26/2014	RECORDED BOOKS, LLC	BOOKS ON CD	64.47	Library
86886	2/20/2014	US BANK	VISA- USPS	59.85	Library
86898	2/26/2014	BAKER & TAYLOR	BOOKS-LIBRARY	45.05	Library
86886	2/20/2014	US BANK	VISA- RALPHS	34.63	Library
86886	2/20/2014	US BANK	VISA- TJ MAXX	26.13	Library
86922	2/26/2014	INGRAM LIBRARY SERVICES	MAGAZINES-LIBRARY	20.53	Library
86898	2/26/2014	BAKER & TAYLOR	BOOKS-LIBRARY	20.41	Library
86922	2/26/2014	INGRAM LIBRARY SERVICES	BOOKS-LIBRARY	18.86	Library
86899	2/26/2014	BLACKSTONE AUDIO INC	BOOKS ON CD	17.50	Library
86898	2/26/2014	BAKER & TAYLOR	BOOKS-LIBRARY	14.05	Library
86922	2/26/2014	INGRAM LIBRARY SERVICES	BOOKS-LIBRARY	13.14	Library
86886	2/20/2014	US BANK	VISA- RITE AID	11.40	Library
86886	2/20/2014	US BANK	VISA- ALBERTSONS	4.36	Library
		Total Amount for 40 Line Item(s) from Library		**$49,577.02**	

LMD #22

Check No.	Check Date	Vendor Name	Check Description	Amount	Department
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	422.59	LMD #22
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	398.07	LMD #22
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	255.04	LMD #22
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	218.79	LMD #22
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	85.88	LMD #22
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	76.94	LMD #22
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	51.02	LMD #22
		Total Amount for 7 Line Item(s) from LMD #22		**$1,508.33**	
LMD #24					
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	113.97	LMD #24
		Total Amount for 1 Line Item(s) from LMD #24		**$113.97**	
LMD #27					
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	25.92	LMD #27
		Total Amount for 1 Line Item(s) from LMD #27		**$25.92**	
LMD 22 - Common Benefit Area					
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	1,892.78	LMD 22 - Common Benefit Area
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	431.11	LMD 22 - Common Benefit Area
		Total Amount for 2 Line Item(s) from LMD 22 - Common Benefit Area		**$2,323.89**	
Media Operations					
86872	2/19/2014	PERFORMING ARTS EDUCATION CTR	SOTC EVENT	1,908.50	Media Operations
86941	2/26/2014	NICKERSON/LAURA//	CTV HOST SERVICES	1,875.00	Media Operations
86940	2/26/2014	NATIONAL CAPTIONING INSTITUTE	CLOSED CAPTIONING SVCS	798.00	Media Operations
86918	2/26/2014	GRANICUS INC.	WEB ARCHIVING SERVICE	750.00	Media Operations
86886	2/20/2014	US BANK	VISA- SUPER MEDIA STORE	347.67	Media Operations
86958	2/26/2014	TIME WARNER CABLE	CABLE MODEM- CITY HALL	336.80	Media Operations
86886	2/20/2014	US BANK	VISA- FRESH BROTHERS	206.80	Media Operations
86886	2/20/2014	US BANK	VISA- AMAZON.COM	169.53	Media Operations
86886	2/20/2014	US BANK	VISA- SCAN NATOA	100.00	Media Operations

Check No.	Check Date	Vendor Name	Check Description	Amount	Department
86879	2/19/2014	TRIBUNE MEDIA SERVICES	CTV GUIDE LISTING	88.66	Media Operations
86847	2/19/2014	ACORN NEWSPAPER	CTV ADVERTISING	60.00	Media Operations
86847	2/19/2014	ACORN NEWSPAPER	CTV ADVERTISING	60.00	Media Operations
86847	2/19/2014	ACORN NEWSPAPER	CTV ADVERTISING	60.00	Media Operations
86847	2/19/2014	ACORN NEWSPAPER	CTV ADVERTISING	60.00	Media Operations
86847	2/19/2014	ACORN NEWSPAPER	CTV ADVERTISING	60.00	Media Operations
86886	2/20/2014	US BANK	VISA- GOTOMYPC.COM	50.85	Media Operations
86896	2/26/2014	AT&T MOBILITY	TELEPHONE SERVICE	45.46	Media Operations
86886	2/20/2014	US BANK	VISA- SAWTELLE LOS ANGELES	37.61	Media Operations
86886	2/20/2014	US BANK	VISA- AOL SERVICE	17.95	Media Operations
86886	2/20/2014	US BANK	VISA- RALPHS	14.36	Media Operations
		Total Amount for 20 Line Item(s) from Media Operations		**$7,047.19**	
Non-Departmental					
86938	2/26/2014	MOUNTAINS RESTORATION TRUST	HEADWATER CORNER O & M	10,000.00	Non-Departmental
86923	2/26/2014	IRON MOUNTAIN	STORAGE SERVICES	3,047.06	Non-Departmental
86886	2/20/2014	US BANK	VISA- STORAGE ETC	1,925.00	Non-Departmental
86881	2/19/2014	WAREHOUSE OFFICE & PAPER PROD.	OFFICE SUPPLIES	1,869.68	Non-Departmental
86873	2/19/2014	PMC	HOUSING REHAB SERVICES	1,567.50	Non-Departmental
86881	2/19/2014	WAREHOUSE OFFICE & PAPER PROD.	OFFICE SUPPLIES	406.03	Non-Departmental
86886	2/20/2014	US BANK	VISA- COSTCO	364.86	Non-Departmental
86904	2/26/2014	CANON BUSINESS SOLUTIONS, INC.	COPIER SVC PROGRAM- GQM11196	244.35	Non-Departmental
86886	2/20/2014	US BANK	VISA- COFFEE WHOLESALE USA	230.57	Non-Departmental
86886	2/20/2014	US BANK	VISA- COFFEE WHOLESALE USA	210.00	Non-Departmental
86886	2/20/2014	US BANK	VISA- COSTCO	207.09	Non-Departmental
86853	2/19/2014	CANON BUSINESS SOLUTIONS, INC.	COPIER SVC PROGRAM- TQH05599	178.12	Non-Departmental
86886	2/20/2014	US BANK	VISA- KUERIG	122.43	Non-Departmental
86911	2/26/2014	FEDERAL EXPRESS CORP.	COURIER SERVICE	115.78	Non-Departmental
86963	2/26/2014	WAREHOUSE OFFICE & PAPER PROD.	OFFICE SUPPLIES	84.32	Non-Departmental
86904	2/26/2014	CANON BUSINESS SOLUTIONS, INC.	COPIER SVC PROGRAM- GPQ10817	69.32	Non-Departmental
86853	2/19/2014	CANON BUSINESS SOLUTIONS, INC.	COPIER SVC PROGRAM- MEQ05335	52.44	Non-Departmental
		Total Amount for 17 Line Item(s) from Non-Departmental		**$20,694.55**	
Payroll					
86944	2/26/2014	P&A ADMINISTRATIVE SVCS INC	FSA MONTHLY ADMIN FEE- MAR 14	72.00	Payroll

Check No.	Check Date	Vendor Name	Check Description	Amount	Department
		Total Amount for 1 Line Item(s) from Payroll		**$72.00**	
Police / Fire / Safety					
86867	2/19/2014	L.A. CO. SHERIFF'S DEPT.	SHERIFF SVCS- JAN 2014	334,670.12	Police / Fire / Safety
86867	2/19/2014	L.A. CO. SHERIFF'S DEPT.	SHERIFF SVCS- JAN 2014	15,104.67	Police / Fire / Safety
86928	2/26/2014	L.A. CO. DEPT. OF ANIMAL CARE	ANIMAL HOUSING SVCS- JAN 2014	10,744.27	Police / Fire / Safety
86930	2/26/2014	L.A. CO. SHERIFF'S DEPT.	SHERIFF SVCS- STAR PROGRAM	4,227.94	Police / Fire / Safety
86930	2/26/2014	L.A. CO. SHERIFF'S DEPT.	SHERIFF SVCS- VIEWPOINT	2,875.50	Police / Fire / Safety
86930	2/26/2014	L.A. CO. SHERIFF'S DEPT.	SHERIFF SVCS- THE OAKS	1,823.58	Police / Fire / Safety
86930	2/26/2014	L.A. CO. SHERIFF'S DEPT.	SHERIFF SVCS- PARK EST	911.79	Police / Fire / Safety
86927	2/26/2014	KUSTOM SIGNALS, INC.	LASER EQUIPMENT REPAIRS	102.56	Police / Fire / Safety
86927	2/26/2014	KUSTOM SIGNALS, INC.	LASER EQUIPMENT REPAIRS	95.31	Police / Fire / Safety
		Total Amount for 9 Line Item(s) from Police / Fire / Safety		**$370,555.74**	
Public Safety & Emergency Preparedness					
86886	2/20/2014	US BANK	VISA- CESA MEMBERSHIP	175.00	Public Safety & Emergency Preparedness
86886	2/20/2014	US BANK	VISA- MACKAY COMMUNICATION	142.80	Public Safety & Emergency Preparedness
86886	2/20/2014	US BANK	VISA- E WEISS	20.00	Public Safety & Emergency Preparedness
		Total Amount for 3 Line Item(s) from Public Safety & Emergency Preparedness		**$337.80**	
Public Works					
86906	2/26/2014	CITY OF LOS ANGELES- PW	RIVER WATERSHED MGMT PROGRAM	9,301.50	Public Works
86948	2/26/2014	RUIZ CONCRETE & PAVING INC.	STREET REPAIRS	9,172.80	Public Works
86884	2/19/2014	WILLDAN ASSOCIATES INC.	CIVIL PLAN CHECK	8,881.25	Public Works
86907	2/26/2014	CLEANSTREET INC	MONTHLY SVC - STREET SWEEPING	6,678.21	Public Works
86884	2/19/2014	WILLDAN ASSOCIATES INC.	GRADING & DRAINAGE	4,778.75	Public Works
86884	2/19/2014	WILLDAN ASSOCIATES INC.	GRADING & DRAINAGE	3,913.75	Public Works
86903	2/26/2014	CALIFORNIA CIVIL ENGINEERING	CATCH BASIN CLEANING	2,678.89	Public Works
86943	2/26/2014	ORTIZ/JOEL//	CONSULTING SERVICES	760.00	Public Works
86875	2/19/2014	SANCHEZ/MARK L.//	INSPECTION SERVICES	680.00	Public Works
86950	2/26/2014	SANCHEZ/MARK L.//	INSPECTION SERVICES	680.00	Public Works
86884	2/19/2014	WILLDAN ASSOCIATES INC.	CHECK TRACT NO.	350.40	Public Works
86847	2/19/2014	ACORN NEWSPAPER	RECYCLING ADVERTISING	302.82	Public Works
86847	2/19/2014	ACORN NEWSPAPER	RECYCLING ADVERTISING	302.82	Public Works

Check No.	Check Date	Vendor Name	Check Description	Amount	Department
86847	2/19/2014	ACORN NEWSPAPER	RECYCLING ADVERTISING	302.82	Public Works
86847	2/19/2014	ACORN NEWSPAPER	RECYCLING ADVERTISING	302.82	Public Works
86886	2/20/2014	US BANK	VISA- AMAZON.COM	141.55	Public Works
86959	2/26/2014	UNDERGROUND SERVICE ALERT	MONTHLY MEMBERSHIP FEE	34.50	Public Works
		Total Amount for 17 Line Item(s) from Public Works		**$49,262.88**	

Recoverable / Refund / Liability

86850	2/19/2014	BUILD FOR YOU	CDBG RES REHAB-FRIEDMAN (RET)	991.50	Recoverable / Refund / Liability
86850	2/19/2014	BUILD FOR YOU	CDBG RES REHAB-PASSOVOY (RET)	747.00	Recoverable / Refund / Liability
86861	2/19/2014	DUFFEY'S MOBILE HOME SERVICE	CDBG RES REHAB- LEVINE (RET)	745.00	Recoverable / Refund / Liability
86944	2/26/2014	P&A ADMINISTRATIVE SVCS INC	FSA-MEDICAL CARE REIMBURSEMENT	156.84	Recoverable / Refund / Liability
86854	2/19/2014	CARPIAC/KELLEY//	RECREATION REFUND	142.00	Recoverable / Refund / Liability
86854	2/19/2014	CARPIAC/KELLEY//	RECREATION REFUND	140.00	Recoverable / Refund / Liability
86880	2/19/2014	WAKIL/LAURA//	RECREATION REFUND	71.00	Recoverable / Refund / Liability
86952	2/26/2014	SHIVAIE/LILY//	RECREATION REFUND	65.00	Recoverable / Refund / Liability
86860	2/19/2014	DOODKEVITCH/TALY//	RECREATION REFUND	40.00	Recoverable / Refund / Liability
86944	2/26/2014	P&A ADMINISTRATIVE SVCS INC	FSA-MEDICAL CARE REIMBURSEMENT	11.54	Recoverable / Refund / Liability
86865	2/19/2014	KLING-ZANIT/ROCHELLE//	RECREATION REFUND	10.00	Recoverable / Refund / Liability
		Total Amount for 11 Line Item(s) from Recoverable / Refund / Liability		**$3,119.88**	

Tennis & Swim Center

86954	2/26/2014	SOUTHERN CALIFORNIA GAS CO	GAS SERVICE	3,694.47	Tennis & Swim Center
86960	2/26/2014	VENCO WESTERN, INC.	LANDSCAPE MAINTENANCE- T&SC	3,638.26	Tennis & Swim Center
86908	2/26/2014	COMMERCIAL AQUATIC SVCS INC	POOL SERVICE/REPAIR	1,880.52	Tennis & Swim Center
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	1,673.37	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- NATIONAL GYM SUPPLY	629.29	Tennis & Swim Center
86964	2/26/2014	WATERLINE TECHNOLOGIES INC	POOL CHEMICALS	560.59	Tennis & Swim Center
86905	2/26/2014	CASAS ORAMAS/JORGE//	FITNESS EQUIPMENT REPAIRS	500.00	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- LESLIE'S POOL SUPPLY	469.33	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- OFFICE DEPOT	421.48	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- HOME DEPOT	382.92	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- LAMPS PLUS	334.58	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- CENTURY MA	313.73	Tennis & Swim Center
86964	2/26/2014	WATERLINE TECHNOLOGIES INC	POOL CHEMICALS	308.10	Tennis & Swim Center
86964	2/26/2014	WATERLINE TECHNOLOGIES INC	POOL CHEMICALS	275.01	Tennis & Swim Center

Check No.	Check Date	Vendor Name	Check Description	Amount	Department
86886	2/20/2014	US BANK	VISA- PATTERSON MEDICAL	259.53	Tennis & Swim Center
86908	2/26/2014	COMMERCIAL AQUATIC SVCS INC	POOL SERVICE/REPAIR	242.55	Tennis & Swim Center
86964	2/26/2014	WATERLINE TECHNOLOGIES INC	POOL CHEMICALS	233.91	Tennis & Swim Center
86900	2/26/2014	BOB'S LOCKSMITH SHOP	KEY/LOCK REPAIRS- T&SC	223.66	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- PATTERSON MEDICAL	216.46	Tennis & Swim Center
86897	2/26/2014	B & B PLUMBING & HEATING INC.	PLUMBING REPAIRS- T&SC	156.50	Tennis & Swim Center
86905	2/26/2014	CASAS ORAMAS/JORGE//	FITNESS EQUIPMENT REPAIRS	150.00	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- YOGA DIRECT	148.51	Tennis & Swim Center
86925	2/26/2014	JAM FIRE PROTECTION	QUARTERLY MONITORING- T&SC	120.00	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- SMART & FINAL	105.71	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- CONSTANT CONTACT	95.00	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- US RESEARCH & CHEMICAL	71.80	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- PARTY CITY	71.28	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- MENCHIES	65.00	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- AMECI PIZZA	60.44	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- STARBUCKS	60.00	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- RALPHS	55.36	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- SHELL OIL	43.76	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- MICHAELS	43.52	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- SPORT CHALET	42.43	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- HOME DEPOT	35.45	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- STAPLES	20.46	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- CANOGA ELECTRIC SUPPLY	8.72	Tennis & Swim Center
86886	2/20/2014	US BANK	VISA- RADIO SHACK	5.79	Tennis & Swim Center
		Total Amount for 38 Line Item(s) from Tennis & Swim Center		**$17,617.49**	

Transportation

86939	2/26/2014	MV TRANSPORTATION, INC.	SHUTTLE SERVICES - JAN 14	26,659.13	Transportation
86939	2/26/2014	MV TRANSPORTATION, INC.	SHUTTLE SERVICES - JAN 14	11,477.61	Transportation
86864	2/19/2014	KIMLEY-HORN AND ASSOCIATES	MULHOLLAND HWY CONSULTING	8,337.50	Transportation
86933	2/26/2014	MARK IV CONSULTING INC	CITY ENGINEERING SERVICES	7,020.00	Transportation
86864	2/19/2014	KIMLEY-HORN AND ASSOCIATES	MULHOLLAND HWY CONSULTING	4,560.00	Transportation
86939	2/26/2014	MV TRANSPORTATION, INC.	SHUTTLE SERVICES - JAN 14	4,545.21	Transportation
86890	2/26/2014	ALL CITY MANAGEMENT SVCS, INC.	SCHOOL CROSSING GUARD SVCS	3,770.03	Transportation
86893	2/26/2014	AMERICAN HONDA FINANCE CORP	LEASE PAYMENT- MAR 2014	2,964.78	Transportation
86939	2/26/2014	MV TRANSPORTATION, INC.	TRANSIT MAINTENANCE	2,390.00	Transportation

Check No.	Check Date	Vendor Name	Check Description	Amount	Department
86953	2/26/2014	SOUTHERN CALIFORNIA EDISON	ELECTRIC SERVICE	1,788.42	Transportation
86876	2/19/2014	SIEMENS INDUSTRY INC.	TRAFFIC SIGN MAINTENANCE	1,690.00	Transportation
86886	2/20/2014	US BANK	VISA- HONDA OF T.O.	745.15	Transportation
86939	2/26/2014	MV TRANSPORTATION, INC.	SHUTTLE SERVICES - JAN 14	533.83	Transportation
86876	2/19/2014	SIEMENS INDUSTRY INC.	TRAFFIC SIGN MAINTENANCE	394.79	Transportation
86939	2/26/2014	MV TRANSPORTATION, INC.	TRANSIT MAINTENANCE	312.50	Transportation
86886	2/20/2014	US BANK	VISA- BARNES & NOBLE	300.10	Transportation
86939	2/26/2014	MV TRANSPORTATION, INC.	SHUTTLE FUEL COST- JAN 14	294.71	Transportation
86888	2/26/2014	ACORN NEWSPAPER	LEGAL ADVERTISING	180.00	Transportation
86886	2/20/2014	US BANK	VISA- AMAZON. COM	150.75	Transportation
86868	2/19/2014	LA DWP	METER SERVICE - TRAFFIC LIGHT	131.66	Transportation
86886	2/20/2014	US BANK	VISA- UNION 76	100.86	Transportation
86886	2/20/2014	US BANK	VISA- SHELL OIL	85.00	Transportation
86971	2/26/2014	COUNTY CLERK, CO. OF L.A.	NOI FILING FEE- MULHOLLAND HWY	75.00	Transportation
86886	2/20/2014	US BANK	VISA- EAGLE AUTO & TIRE	66.30	Transportation
86886	2/20/2014	US BANK	VISA- PICK UP STIX	48.32	Transportation
86886	2/20/2014	US BANK	VISA- SHELL OIL	42.55	Transportation
86886	2/20/2014	US BANK	VISA- TIRE MAN	40.00	Transportation
86886	2/20/2014	US BANK	VISA- EXXON MOBIL	39.92	Transportation
86886	2/20/2014	US BANK	VISA- RABI INC	39.27	Transportation
86886	2/20/2014	US BANK	VISA- UNION 76	39.00	Transportation
86886	2/20/2014	US BANK	VISA- UNION 76	36.32	Transportation
86886	2/20/2014	US BANK	VISA- SHELL OIL	32.87	Transportation
86886	2/20/2014	US BANK	VISA- UNION 76	31.43	Transportation
86886	2/20/2014	US BANK	VISA- CANOGA PARK	27.65	Transportation
86881	2/19/2014	WAREHOUSE OFFICE & PAPER PROD.	OFFICE SUPPLIES	19.51	Transportation
86886	2/20/2014	US BANK	VISA- SHELL OIL	17.00	Transportation
86886	2/20/2014	US BANK	VISA- UNION 76	12.99	Transportation
86886	2/20/2014	US BANK	VISA- EXXON MOBIL	8.00	Transportation
86886	2/20/2014	US BANK	VISA- PEPBOYS	3.80	Transportation
		Total Amount for 39 Line Item(s) from Transportation		**$79,011.96**	
		GRAND TOTAL for 343 Line Items		**$729,118.38**	

FUTURE AGENDA ITEMS

Department	Agenda Headings	Agenda Title/Future Agenda

26-Mar

Council Reorganization

9-Apr

CD	New Business	Informational report regarding County Business license
PW	Presentation	Lost Hills project updates
CD	Public Hearing	An appeal of the Communications and Technology Commission's (CTC) approving file No. 130001344: A Request for a Wireless Telecommunication Facility Permit and Scenic Corridor Permit to construct a new Verizon Wireless Telecommunication facility at 4093 Old Topanga Canyon Road within the public right-of-way and Old Topanga Scenic Corridor overlay.
PW	New Business	TTC's recommedantion regarding Mulholland Hwy. Project Const.
PW	Consent	Resolution to transfer streets from Los Angeles County to the City of Calabasas for Lost Hills Interchange Project.
CS	Public Hearing	Reccomendation from PRE to adopt Resolution No. 2014-1401, establishing a new tuition fee shcedule for September 2014 for the Calabasas Clubhouse pre-school and rescind Resolution No. 2012-1319
CD	Public Hearing	Housing Element Update
CD	Public Hearing	St. Andrews Lane project

Future Items:

CD	New Business	Crown Castle case writ
CD	Public Hearing	New HPC logo 4/23
CC	New Business	Historic Preseservation Commission Sixth Member's residency
CC	New Business	Section 2.04 Muni Code Amendment - City Council Reorg date
CC	New Business	Muni Code Amendment - Commission Term Expiration date
CD	New Business	E-Cigarrette Ordinance
CC	New Business	Contract reprocurement
CD	Public Hearing	Cost/Fee schedule for scanning of documents
PW	New Business	Stormwater semi-annual quarterly update
PW	Update	Bicycle Master Plan update
CC	New Business	Commission appointments
CC	New Business	Noticing/public outreach with Commissions recommendations
CC	Consent	Conflict of Interest Code update

2014 CITY COUNCIL MEETING DATES

Apr 9	Aug 27
Apr 23	Sep 10
May 13 - Special Meeting	Sep 24-Cancelled Rosh Hashanah
May14 - Cancelled CCCA Annual Conference	Oct 8
May 28	Oct 22
Jun 11	Nov 12
Jun 25	Nov 26-Cancelled Thanksgiving Eve
Jul 9 - Cancelled	Dec 10
Jul 23 - Cancelled	Dec 24-Cancelled Christmas Eve
Aug 13	