THE BOARD OF DIRECTORS OF HAYWARD GEOLOGIC HAZARD ABATEMENT DISTRICT

RESOLUTION NO. 16-04

RESOLUTION OF INTENTION TO ORDER AN ASSESSMENT FOR THE LA VISTA DEVELOPMENT WITHIN THE HAYWARD GHAD AND SET A PUBLIC HEARING FOR DECEMBER 13, 2016 TO CONSIDER THE PROPOSED ASSESSMENT AND PROTESTS THERETO

WHEREAS, on March 1, 2016, the Hayward City Council adopted Resolution No. 16-030 approving the formation of the Hayward Geologic Hazard Abatement District ("GHAD") and appointing itself to serve as the GHAD Board of Directors;

WHEREAS, on October 25, 2016, the GHAD Board adopted Resolution No. 16-03 approving the Plan of Control for the La Vista development dated October 17, 2016;

WHEREAS, in order to pay for the cost and expenses of maintaining and operating the GHAD improvements as set forth in the Plan of Control an assessment for GHAD services is to be considered for imposition on the homes in the development as reflected in the attached draft Engineer's Report;

WHEREAS, Public Resources Code sections 26650 *et seq.* authorize, after a noticed public hearing, the levy and collection of an assessment upon specially benefited property within the GHAD to pay for the maintenance and operation of GHAD improvements. Article XIII(D) of the California Constitution imposes additional requirements for the levy and collection of said assessment;

WHEREAS, the property within the GHAD is identified in the map attached hereto as Attachment A, and each parcel to be assessed is identified on the map;

WHEREAS, a draft Engineer's Report has been prepared by the GHAD Manager to reflect the Plan of Control; the GHAD Manager is a registered professional engineer, certified in the State of California, in compliance with Public Resources Code section 26651(a) and section 4(b) of Article XIII (D) of the California Constitution; the Engineer's Report attached hereto as <u>Attachment B</u> sets forth the purpose of the GHAD, the estimated budget, the total assessment that will be chargeable to the entire GHAD, the proposed estimated assessment to be levied against each parcel of property within the GHAD, and a description of the method used in formulating the estimated assessments; and

NOW THEREFORE, the GHAD Board of Directors resolves and orders that:

1. The GHAD Board declares its intention, consistent with the requirements of Article XIII (D) of the California Constitution, Public Resources Code sections 26650 et seq., Government Code section 53750, and Elections Code section 4000, to order that the cost and expenses of maintaining and operating any GHAD improvements acquired or constructed by Section 4(e) of Article XIII (D) of the California Constitution. If there is no majority protest, the GHAD Board shall authorize the assessment. Following the public hearing, the GHAD Board shall consider the adoption of the canvas of votes for the GHAD.

Upon authorization of the assessment, the GHAD Board shall levy the authorized 8. assessment on the now vacant 179 parcels the first fiscal year following issuance of a residential building permit for each of those parcels.

The annual assessment will be levied at \$1,502 per residential unit (fiscal 9. 2016/2017 dollars) with an annual adjustment to reflect the percentage change in the San Francisco-Oakland-San Jose Consumers Price Index for all Urban Consumers.

This Resolution shall become effective immediately upon its passage and 10. adoption.

HAYWARD, CALIFORNIA, OCTOBER 25, 2016

PASSED BY THE FOLLOWING VOTE:

AYES:

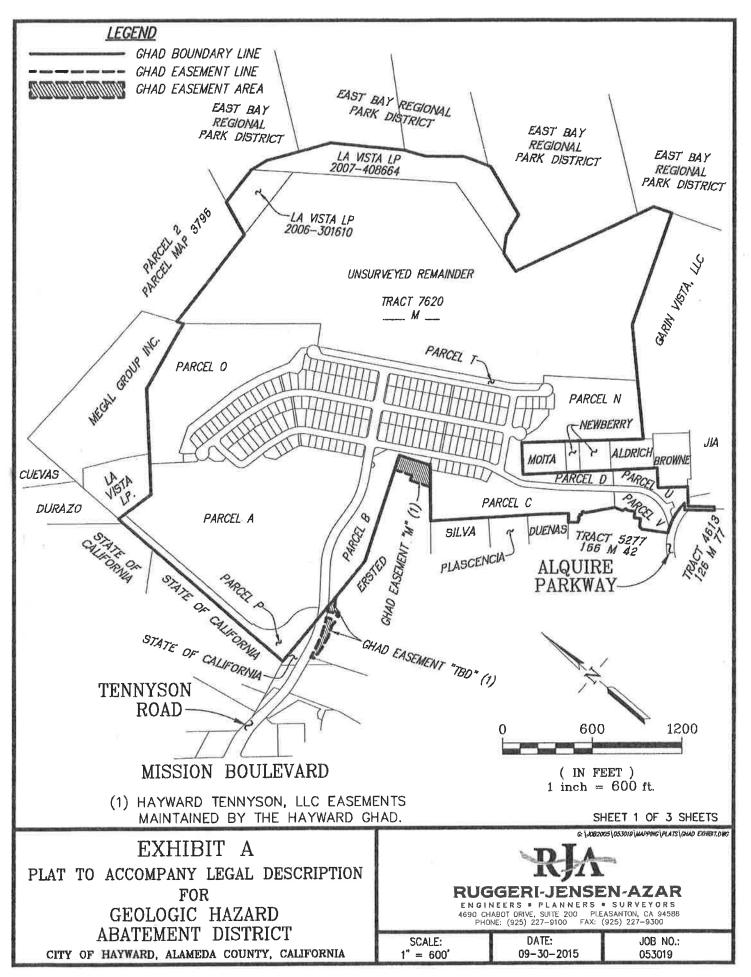
NOES:

ABSENT:

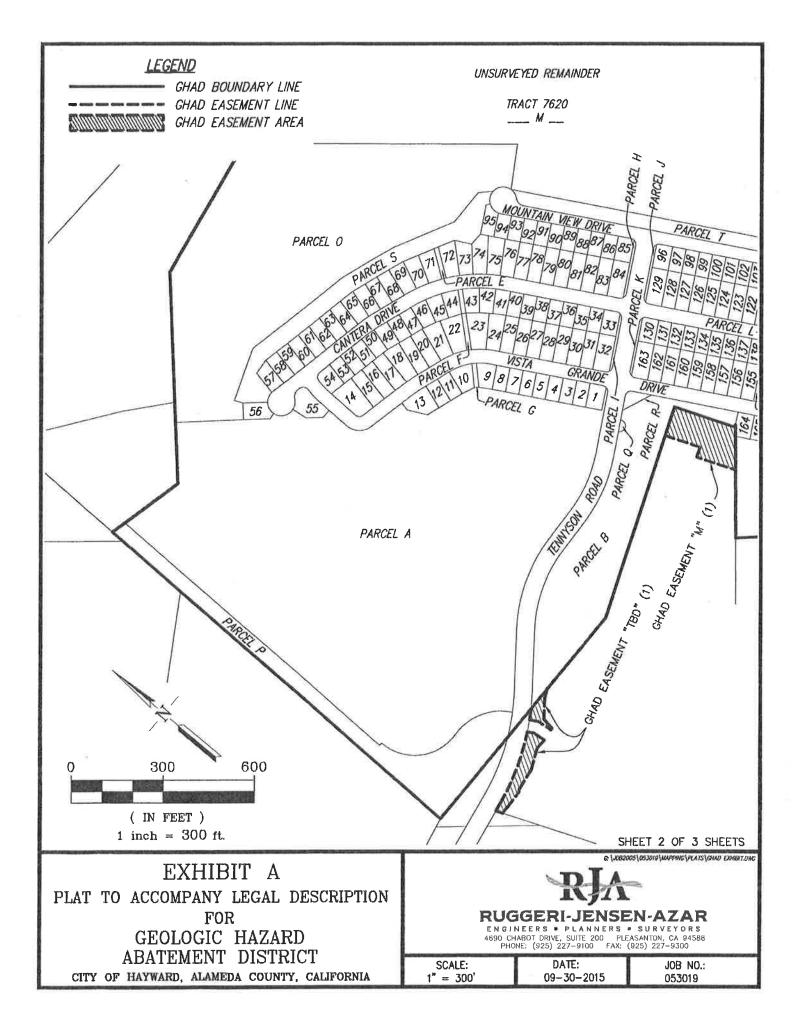
ABSTENTIONS:

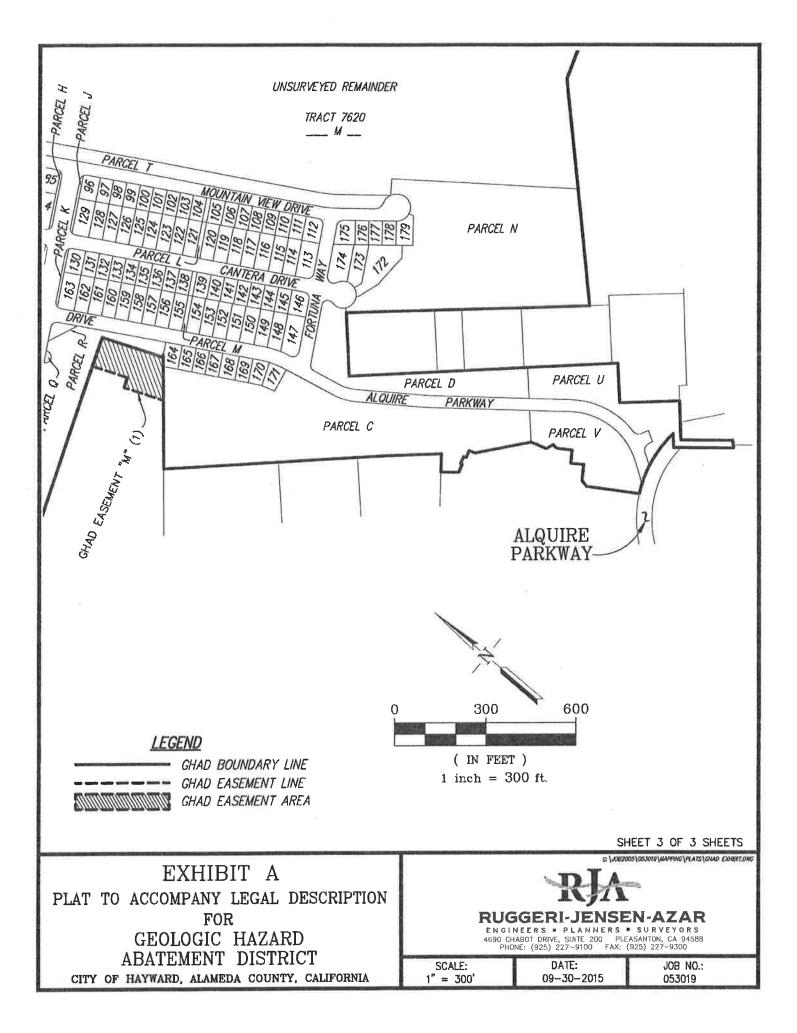
Attachments: Attachment A (Map of Hayward GHAD Boundaries) Attachment B (Engineer's Report) Attachment C (Notice of Adoption of Resolution and Notice of Assessment) Attachment D (Ballot)

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Attachment A to Resolution No. 16-04





ENGINEER'S REPORT

for

HAYWARD GEOLOGIC HAZARD ABATEMENT DISTRICT LA VISTA DEVELOPMENT HAYWARD, CALIFORNIA

October 17, 2016

Attachment B to Resolution No. 16-04



TABLE OF CONTENTS

<u>Page</u>

CERTIFICATION OF FILING				
I.	INTRODUCTION			
II.	BACKGROUND			
III.	GEOLOGIC HAZARD ABATEMENT DISTRICT BOUNDARIES			
IV.	SERVICE LEVELS			
V.	DESCRIPTION OF THE IMPROVEMENTS MAINTAINED BY THE GHAD5			
VI.	ASSESSMENT METHOD			
VH.	ASSESSMENT - BUDGET			
VIII.	PROPERTY OWNER OR DEVELOPER RESPONSIBILITIES7			

EXHIBIT A – Legal Description and Plat **EXHIBIT B** – Hayward GHAD Budget



ENGINEER'S REPORT

HAYWARD

GEOLOGIC HAZARD ABATEMENT DISTRICT (Pursuant to the Public Resources Code of the State of California, Section 26500 et seq.)

CERTIFICATION OF FILING

The Hayward Geologic Hazard Abatement District ("GHAD") shall provide monitoring and maintenance of improvements related to geologic hazard management and other responsibilities as a landowner, within the La Vista Development in the Hayward GHAD and levies and collects assessments in order to perform its activities.

The GHAD responsibilities, which are the subject of this report and the Plan of Control, are defined as any activity necessary or incidental to the prevention, mitigation, abatement, or control of a geologic hazard, construction, maintenance, repair, or operation of improvement; or the issuance and servicing of bonds issued to finance any of the foregoing (Section 26505).

This report consists of eight parts, as follows:

- I. INTRODUCTION
- II. BACKGROUND
- III. GEOLOGIC HAZARD ABATEMENT DISTRICT DIAGRAM
- IV. SERVICE LEVELS
- V. DESCRIPTION OF GHAD-MAINTAINED IMPROVEMENTS
- VI. ASSESSMENT METHOD
- VII. ASSESSMENT LIMIT BUDGET PROJECTION
- VIII. PROPERTY OWNER OR DEVELOPER RESPONSIBILITIES



The undersigned respectfully submits the enclosed Engineer's Report.

Date: October 17, 2016

By: ENGEO Incorporated

, GE

Paul C. Guerin

I HEREBY CERTIFY that the enclosed Engineer's Report was approved and confirmed by the GHAD Board.

Patricia E. Curtin Clerk of the Board Hayward Geologic Hazard Abatement District Hayward, California



ENGINEER'S REPORT

for

HAYWARD GEOLOGIC HAZARD ABATEMENT DISTRICT LA VISTA DEVELOPMENT HAYWARD, CALIFORNIA for the ESTABLISHMENT OF AN ASSESSMENT LIMIT

I. INTRODUCTION

The Hayward City Council formed the Hayward Geologic Hazard Abatement District ("GHAD" or "District") on March 1, 2016 (Resolution No. 16-030), under the authority of the California Public Resources Code, Division 17, Section 26500 et seq. Members of the Hayward City Council act as the Board of Directors of the GHAD.

II. BACKGROUND

The developer of the La Vista development ("Project") has submitted the Hayward GHAD Plan of Control – La Vista Development ("Plan of Control") that describes the GHAD's responsibilities to permanently monitor and maintain GHAD improvements within the GHAD and within Easement Areas "M" and "TBD". This Engineer's Report describes the establishment of an assessment level to fund GHAD activities necessary or incidental to geologic hazard mitigation, abatement and control.

III. GEOLOGIC HAZARD ABATEMENT DISTRICT BOUNDARIES

The boundaries for the GHAD are shown in the plats (Exhibit A) and legal description (Exhibit B).

IV. SERVICE LEVELS

The GHAD's activities are those that are necessary or incidental to the prevention, mitigation, abatement, or control of geologic hazards including construction, maintenance, repair, or operation of any improvement; and the issuance and servicing of bonds issued to finance any of the foregoing.

The GHAD provides for the administration and review of facilities within the budgeted limits, including the following services:

1. Oversight of GHAD operations, including reporting to the GHAD Board of Directors.



- 2. In conjunction with the County Assessor's Office, setting the annual levying of assessments on the property tax rolls.
- 3. Engagement of technical professionals to perform the monitoring duties as described in the Plan of Control.
- 4. Performance of GHAD maintenance activities in accordance with the Plan of Control. These maintenance activities include:
 - General maintenance of the surface drainage improvements within the GHAD Boundary and Easements "M" and "TBD", such as the concrete V-ditches. The GHAD is also responsible for general maintenance of storm drain inlets and outlets in open space, subdrain outlets, and risers. Inspection and maintenance of concrete-lined drainage ditches.
 - Monitoring and maintenance of measurement devices, such as piezometers, inclinometers, and tiltmeters, if any.
 - Maintenance of existing property line/boundary fencing.
 - Inspection and maintenance of surface water quality treatment, water quality pond, and detention basins within the Project.
 - Maintenance of retaining wall east of Alquire Parkway at the northwest corner of the Moita property.
 - Maintenance of two CDS water quality treatment units along Tennyson Road.
 - Maintenance of roads associated with the water quality pond and the detention basins.
 - Maintenance of roads/trails over public water mains on the GHAD owned parcels.
 - Maintenance of debris benches and walls.
 - Maintenance of subdrains, including, but not limited to, those shown on Appendix A, Figure 3.
 - Maintenance of storm drain inlets, outfalls and pipelines within the GHAD owned parcels and a portion of the public park area.
 - Maintenance of trails (other than City-owned public trails) within the GHAD owned parcels.



- Maintenance of slopes including Hayward Concentrated Fault Zone.
- Maintenance of vegetation control for fire suppression.
- Maintenance of slopes including subdrains and surface drainage within Easements "M" and "TBD".
- 5. The GHAD will also have maintenance, monitoring and repair responsibilities for slopes, which will include natural, reconstructed or partially reconstructed landslides.
- 6. Preparation of annual GHAD budgets and other documents and reports for consideration by the GHAD Board of Directors.

V. DESCRIPTION OF THE IMPROVEMENTS MAINTAINED BY THE GHAD

The GHAD-maintained improvements are described in the Plan of Control. In general, these improvements include water quality facilities; drainage systems, including concrete-lined ditches in developed areas and open space; open-space storm drain inlets and outlets; subdrains and outlets; retaining walls; access roadways; and improvements within Easements "M" and "TBD".

VI. ASSESSMENT METHOD

With the exception of Easements "M" and "TBD", the improvements and GHAD responsibilities described in Section V are distributed within the limits of the GHAD. The improvements described in this document will confer the following special benefits to the assessed parcels:

- 1. Protection from slope instability
- 2. Protection from erosion due to uncontrolled surface water
- 3. Protection of water quality
- 4. Protection from wild land fires associated due to unmanaged vegetation

The GHAD assessment is distributed among all residential property owners within the GHAD. The improvements and responsibilities listed in Section V provide specific benefits to the properties within the GHAD and the improvements are constructed for the benefit of those assessed and not the general public.

As listed above and in Section 7.0 of the Plan of Control, the GHAD will monitor and maintain non-irrigated vegetation management, slopes, surface and subsurface drainages within Easements "M" and "TBD". Although this area is outside the GHAD boundary, the maintenance of these facilities is necessary to reduce the potential for uncontrolled stormwater infiltration, erosion, and other potential geologic hazards that could affect properties and improvements within the Project.



Single-family residential lots are assessed as one unit. There are a total of 179 residential units within the Project. The total number of equivalent residential units within the GHAD was considered in light of the annual GHAD budget in developing the annual assessment amount. The Engineer hereby finds that residential properties within the GHAD receive substantially proportional special benefit.

A financial analysis was performed to provide a framework for an operating budget for the on-going abatement, mitigation, prevention and control of geologic hazards within the GHAD. In preparation of the budget, several factors were considered including:

- Site geology
- Remedial grading
- Proximity of geologic hazards to proposed residences
- Improvements or structures
- Site access considerations
- Elements requiring routine maintenance, including:
 - 1. Surface drainage facilities
 - 2. Graded slopes
 - 3. Retaining walls
 - 4. Bioretention and detention basin facilities
 - 5. Trails and fire breaks

VII. ASSESSMENT - BUDGET

The purpose of this Engineer's Report is to establish the assessment level and the apportionment of the assessment within the GHAD as required under Proposition 218. The annual budget in each subsequent fiscal year will apprise the GHAD Board of Directors of the estimated budget for the upcoming year.

Based on the estimated expenses for on-going operations, and allowing for larger (approximately \$750,000) geologic events at 10-year intervals, a budget was prepared for the purpose of estimating initial assessment levels (Exhibit B).

The Engineer recommends an annual assessment limit for the GHAD of \$1,502.00 per single-residential unit (Fiscal Year 2016/17 dollars). The proposed initial assessment level will be automatically adjusted annually on June 30 to reflect the percentage change in the San Francisco-Oakland-San Jose Consumers Price Index for All Urban Consumers.

While the assumptions and estimated expenses listed in Exhibit B were used to determine the assessment levels for the GHAD, they do not represent the actual budget for any one year of the GHAD's operation, since assessment of the individual parcels will be based on the issuance of building permits, which will occur over a number of years. In addition, the Engineer anticipates that the projected expense amounts will be reached over time and that these amounts will be inflation-adjusted in the year that the expenses occur.



VIII. PROPERTY OWNER OR DEVELOPER RESPONSIBILITIES

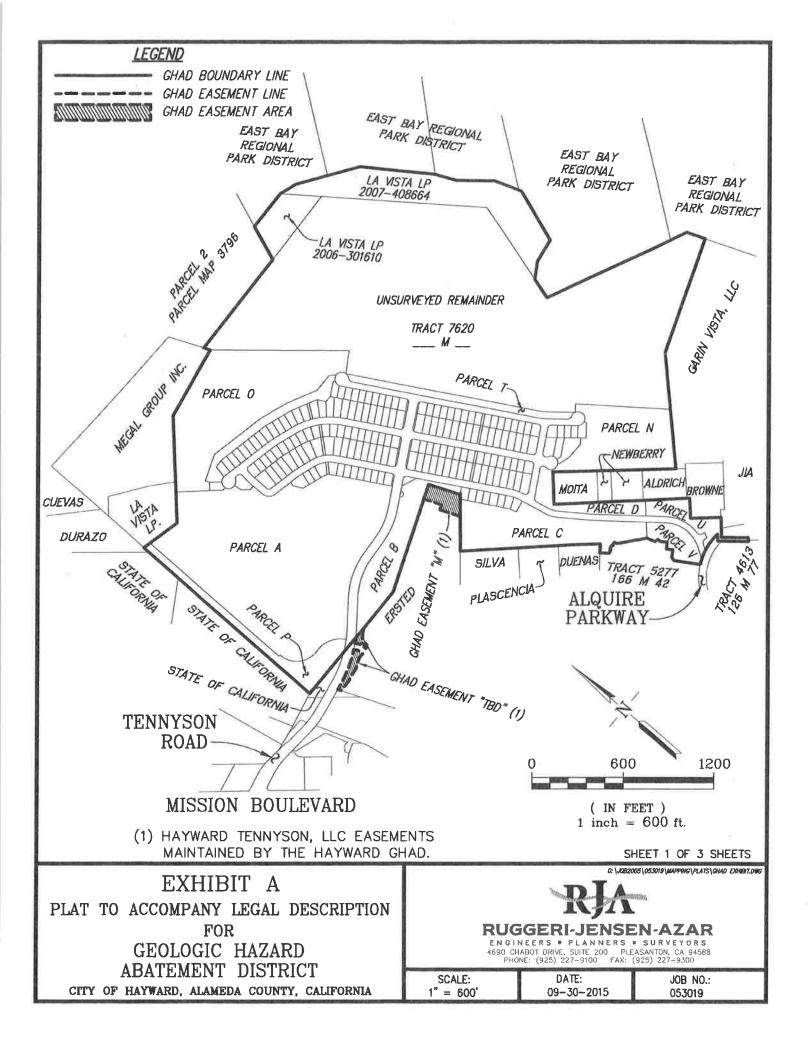
The property owner or developer of the Project is responsible for managing and maintaining the La Vista portion of the GHAD until the GHAD accepts responsibility for the GHAD Improvements as set forth in the Plan of Control. In addition, the property owner or developer is responsible for funding any necessary GHAD functions or business undertaken for the GHAD that the GHAD Officers or Board of Directors determine are necessary before the GHAD accepts the GHAD Improvements. If the property owner or developer fails to fund all or a portion of these costs, these costs shall be covered by the funds generated by and for the GHAD (i.e., through the assessment) and the developer shall be required to reimburse the GHAD for such costs before the GHAD can accept monitoring and maintenance responsibilities for the GHAD Improvements.

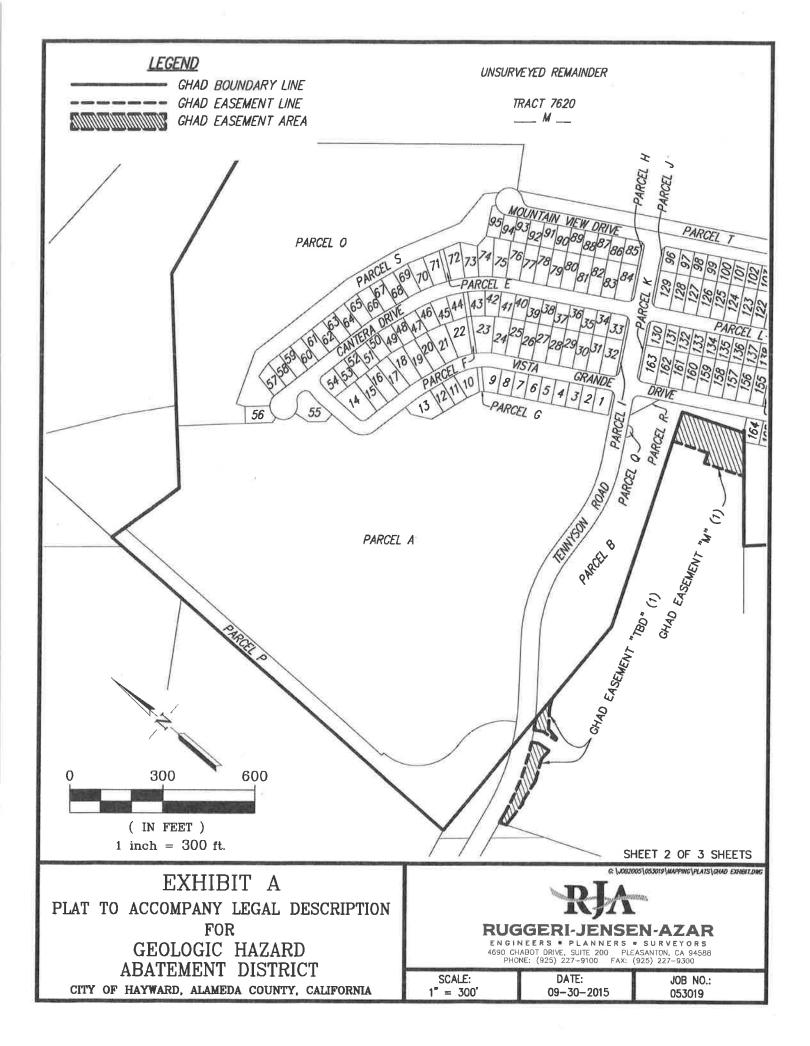
The GHAD may utilize funds generated by or for the GHAD to conduct any necessary GHAD functions or business for the GHAD before the GHAD accepts the GHAD improvements. Such functions and business can include periodic reporting to the GHAD Board of Directors and work performed by GHAD Officers to verify the GHAD is implemented in accordance with the Plan of Control and GHAD Law. Such an undertaking does not render the GHAD liable or responsible for the GHAD improvements during this period of time. The GHAD only becomes responsible for maintenance once the GHAD improvements are accepted by the GHAD in accordance with the requirements set forth in the Plan of Control.



EXHIBIT A

Legal Description and Plats to Accompany Legal Description





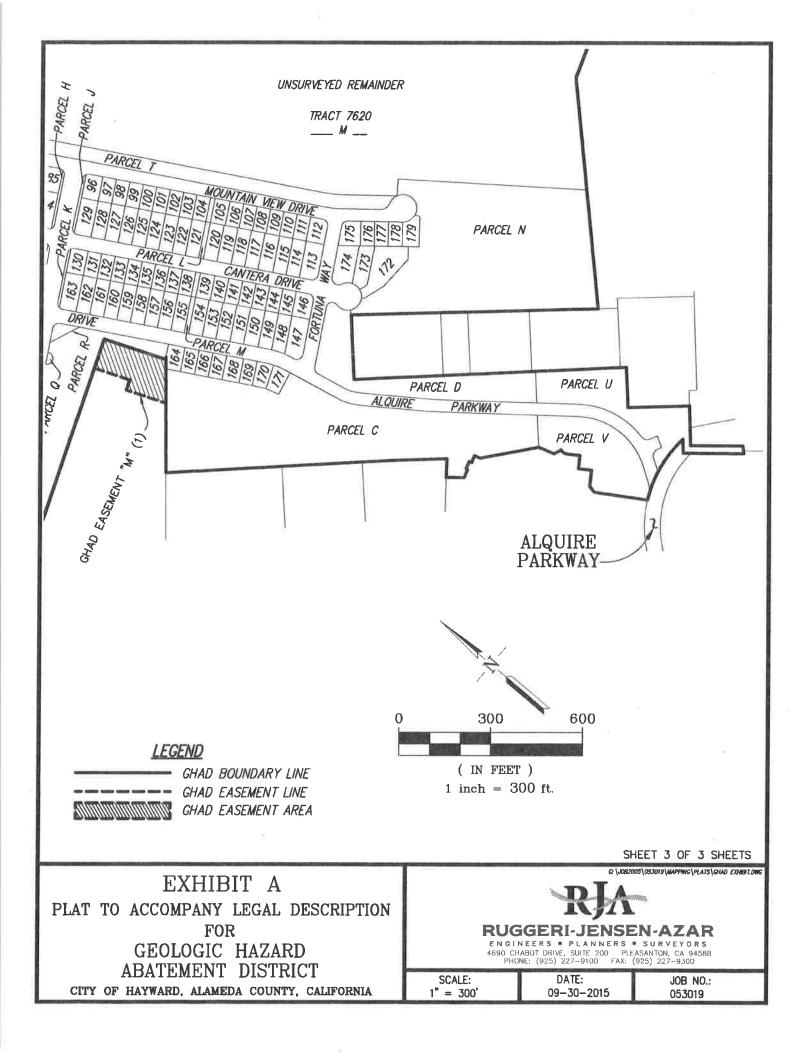


EXHIBIT "A"

Real Property situate in the City of Hayward, County of Alameda, and State of California; and being all of Lots 1 thru 179 & all of Parcels A thru V as created by that certain map entitled "Tract 7620" and filed on ______ and recorded in Book _____ of Maps at pages ____ through ____, Official Records of said County, and all of the certain parcel described as Parcel Two in a Grant Deed to La Vista L.P. recorded on August 7, 2006 under document number 2006-301610 Official Record of said County, and all of that certain parcel of land described in the Grant Deed to La Vista L.P. recorded on November 30, 2007 under document number 2007-408664 Official Records of said County.

End of Description

Prepared by:

Scott A. Shortlidge, L.S. 6441

Date



EXHIBIT B

Hayward GHAD Budget

La Vista Development



EXHIBIT B Hayward Geologic Hazard Abatement District La Vista Development

Budget

ASSUMPTIONS

Total Number of Single Family Residential Units	9	179
Annual Assessment per Unit (FY 2016/2017 Dollars)		\$1,502
Annual Adjustment in Assessment (estimated)		3.0%
Inflation (estimated)		3.0%
Investment Earnings (estimated)		4.5%
Frequency of Large-Scale Repair (years)		10
Cost of Large-Scale Repair (current \$)		\$750,000

ESTIMATED ANNUAL EXPENSES IN FY 2016/17 DOLLARS

Administration and Management	\$	18,000
6		,
Additional GHAD Staff, Memberships, Assessment Roll, and Budget	\$	9,250
Site Monitoring Program	\$	10,250
Slope Stabilization, Erosion, and Minor Repairs	\$	20,000
Detention Basin Facility Maintenance	\$	15,300
Sediment Removal - Concrete Structures	\$	12,500
Vegetation Control – Open Space	\$	8,000
Subdrain Maintenance	\$	500
Trail and Fence Maintenance	\$	2,436
Open Space Management – Conservation Easement Activities	\$	15,000
Concrete lined Drainage Ditch Replacement	\$	20,000
Detention Basin/Water Quality Improvement Replacement	\$	800
Open Space Storm Drain Replacement	\$	13,800
Retaining Wall, Fence, and Trail Replacement	\$	2,690
Major Repair (Annualized)	\$	75,000
Misc & Contingency (10%)	<u>\$</u>	14,853

Total <u>\$ 238,379</u>

NOTICE OF 1) ADOPTION OF RESOLUTION NO. 16-04 BY THE BOARD OF DIRECTORS OF THE HAYWARD GEOLOGIC HAZARD ABATEMENT DISTRICT, 2) PROPOSED ASSESSMENT AND, 3) PUBLIC HEARING FOR DECEMBER 13, 2016

On March 1, 2016, the Hayward City Council adopted Resolution No. 16-030, approving and ordering the formation of the Hayward Geologic Hazard Abatement District ("GHAD") and appointing itself to act as the Board of Directors of the GHAD ("GHAD Board"). On October 25, 2016, the GHAD Board adopted Resolution No. 16-03 approving the Plan of Control for the La Vista development dated October 17, 2016.

NOTICE IS HEREBY GIVEN that:

On October 25, 2016, the GHAD Board adopted Resolution No. 16-04 declaring its intention to impose an assessment on the property to be included in the GHAD and directing that a public hearing be scheduled to consider adoption of this assessment to finance the Hayward GHAD. The total yearly estimated budget for the Hayward GHAD for the La Vista development as set forth in the current Engineer's Report is \$238,379.00. If the assessment is adopted, each detached single-family parcel will be assessed a maximum of \$1,502.00 per year (fiscal Year 2016/17 dollars), plus an annual adjustment to reflect the percentage change in the San Francisco-Oakland-San Jose Consumers Price Index (CIP) for All Urban Consumers. The assessment for any new residential unit will be levied beginning the first fiscal year after issuance of the building permit for that parcel. An assessment will continue to be levied in perpetuity.

The attached draft Engineer's Report (dated October 17, 2016) for the La Vista development within the Hayward GHAD was prepared by a registered engineered, certified in the State of California, and describes in detail the reason for the assessment and the basis upon which the amount of the proposed assessment was calculated. The draft Engineer's Report specifically sets forth the yearly estimated budget, the total assessment, the proposed estimated assessments to be levied each year against each parcel of property, and a description of the method used in formulating the estimated assessment. A copy of GHAD Board Resolution Nos. 16-03 and 16-04 are available for inspection at ENGEO Incorporated, 1630 San Pablo Avenue, Oakland, California, 94612.

The GHAD Board will conduct the public hearing on December 13, 2016, at 7:00 p.m. at Hayward City Hall, 777 B Street, Hayward, California, on the proposed assessment.

The following paragraph provides the procedure for returning and tabulating the ballots. Copies of this Notice, a sealable ballot, and the draft Engineer's Report have been sent to each of the property owners within the Hayward GHAD. The ballot may be completed and mailed or hand delivered to Hayward GHAD c/o ENGEO Incorporated, 2010 Crow Canyon Place, Suite 250, San Ramon, CA 94583 or may be submitted at the public hearing. Each ballot may be submitted, withdrawn, or changed at any time prior to the conclusion of the testimony on the proposed assessment at the public hearing. At the hearing, the GHAD Clerk shall tabulate the ballots and the GHAD Board shall consider any objections or protests to the assessment and certify the tabulation of the ballots.

The GHAD Board shall not impose the assessment if there is a majority protest. A majority protest exists if, upon conclusion of the hearing, ballots submitted in opposition to the assessment exceed the ballots submitted in favor of the assessment. In tabulating the ballots, the ballots shall be weighted according to the proportional financial obligation of the affected property.

Inquiries regarding the proposed assessment may be made by mail to: Hayward GHAD c/o ENGEO Incorporated, Attn: Eric Harrell, 2010 Crow Canyon Place, Suite 250, San Ramon, CA 94583 by phone at (925) 866-9000, or by e-mail at eharrell@engeo.com.

Enclosures: Draft Engineer's Report (dated October 17, 2016) Sealable Ballot

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Ballot Hayward Geologic Hazard Abatement District La Vista Development

Identification of Parcel:

Record Owner:

Yes, I approve the proposed annual benefit assessment described in the attached Notice on the property described by the parcel numbers identified in this Ballot.

No, I do not approve the proposed annual benefit assessment described in the attached Notice on the property described by the parcel numbers identified in this Ballot.

Signature of Record Owner or Authorized Representative of the above identified parcel(s)

Dated: _____

Mail or deliver sealed Ballot to:

GHAD General Manager Hayward Geologic Hazard Abatement District c/o ENGEO Incorporated Attention: Eric Harrell 2010 Crow Canyon Place, Suite 250 San Ramon, CA 94583