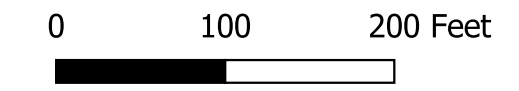


EDIFICA USA LLC
 10 TUMBLEWEED ST.
 TRABUCO CANTON, CA.

SLOPE-AREA RATIO ANALYSIS
MORGAN HILL
SANTA CLARA COUNTY, CA
APN: 776-33-004

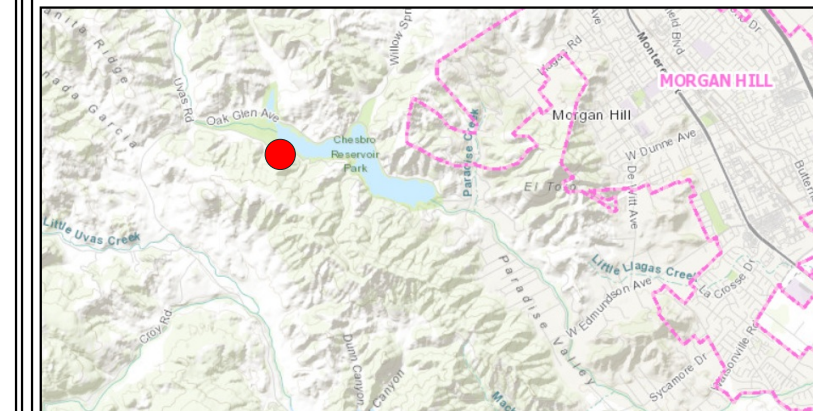
Scale:



1:200

One inch on the map is equal to 100 feet on the ground.
 Basic interval of contour lines 5 ft.

Location:



Owner:

FABIOLA RODRIGUEZ MARTINEZ
 &
 FRANCISCO LOPEZ CRISOTO

Plan Prepared By:

Luis F. Vesga



Date: 08/16/23

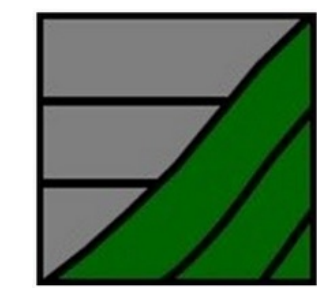
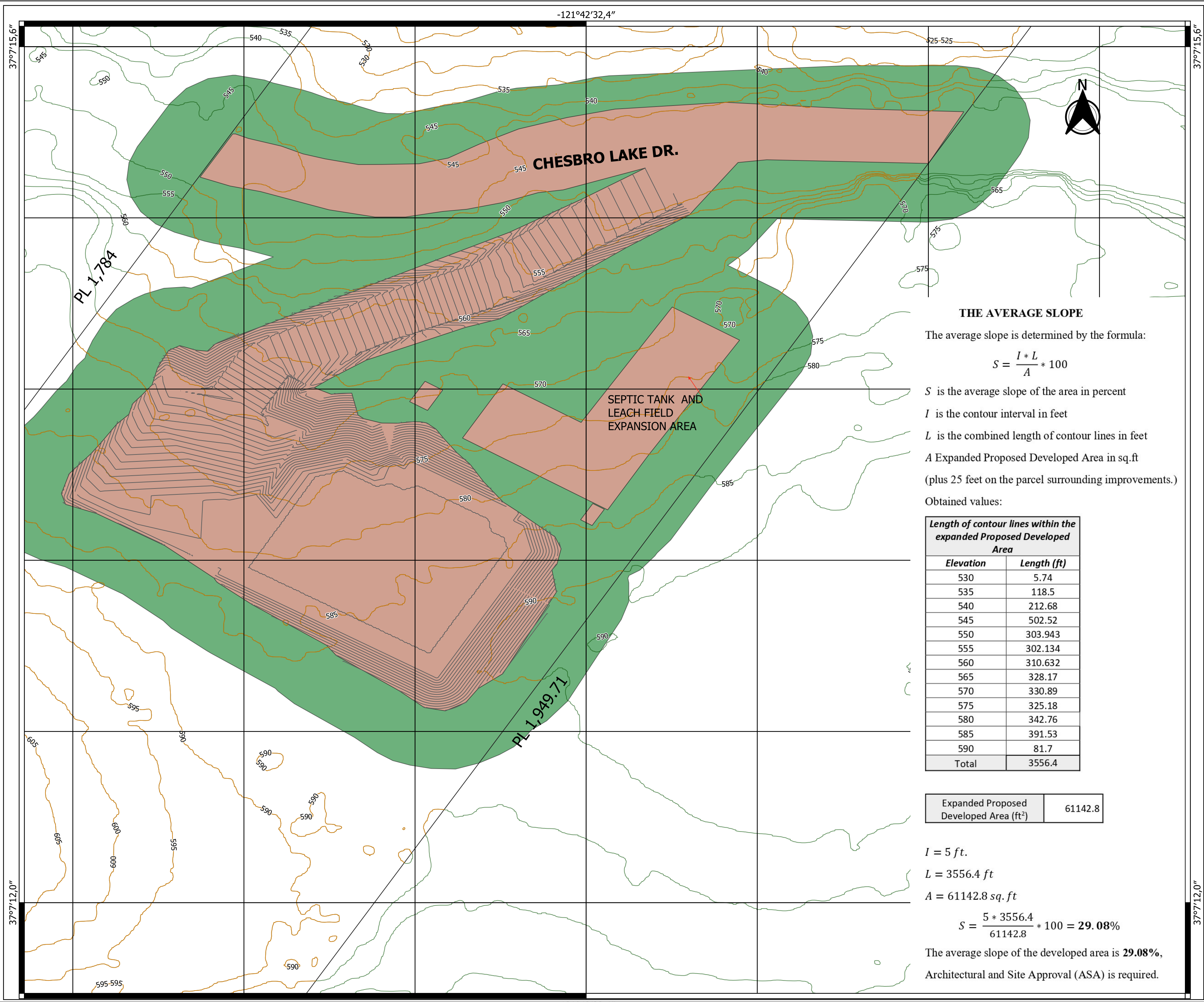
Luis F Vesga R.C.E No C68782 EXP 09/30/23

Conventions:

- Chesbro Reservoir
 - Contours Grading
 - 5 ft Contour Lines on the Property
 - 5 ft Contour Lines
 - Property Line
 - Proposed Developed Area
 - Proposed Developed Area plus 25 ft₂
- Google Satellite Hybrid

LEGAL DESCRIPTION.

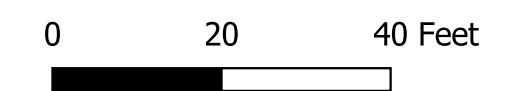
CITY/JURDICTION: MORGAN HILL
 COUNTY: SANTA CLARA
 STATE: CALIFORNIA
 APN: 776-33-004
 TRA: 87002 BOOK 776 PAGE 33



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SLOPE-AREA RATIO ANALYSIS
MORGAN HILL
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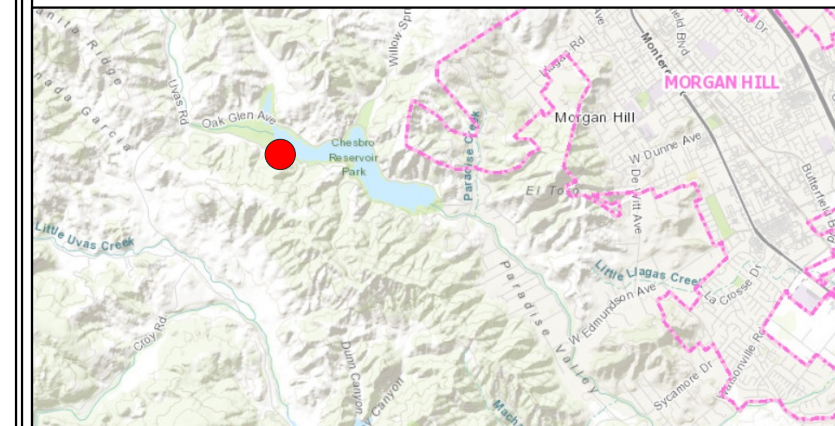
Scale:



1:20

One inch on the map is equal to 20 feet on the ground.
 Basic interval of contour lines 5 ft.

Location:



Conventions:

- Contours Grading
- 5 ft Contour Lines on the Property
- 5 ft Contour Lines
- Property Line
- Proposed Developed Area
- Proposed Developed Area plus 25 ft₂

Plan Prepared By:

Luis F. Vesga



Date: 08/16/22
 Luis F Vesga R.C.E No C68782 EXP 09/30/23

LEGAL DESCRIPTION.

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THE AVERAGE SLOPE

The average slope is determined by the formula:

$$S = \frac{I * L}{A} * 100$$

S is the average slope of the area in percent

I is the contour interval in feet

L is the combined length of contour lines in feet

A Expanded Proposed Developed Area in sq.ft
 (plus 25 feet on the parcel surrounding improvements.)

Obtained values:

Length of contour lines within the expanded Proposed Developed Area

Elevation	Length (ft)
530	5.74
535	118.5
540	212.68
545	502.52
550	303.943
555	302.134
560	310.632
565	328.17
570	330.89
575	325.18
580	342.76
585	391.53
590	81.7
Total	3556.4

Expanded Proposed Developed Area (ft ²)	61142.8
---	---------

I = 5 ft.

L = 3556.4 ft

A = 61142.8 sq. ft

$$S = \frac{5 * 3556.4}{61142.8} * 100 = 29.08\%$$

The average slope of the developed area is **29.08%**,

Architectural and Site Approval (ASA) is required.