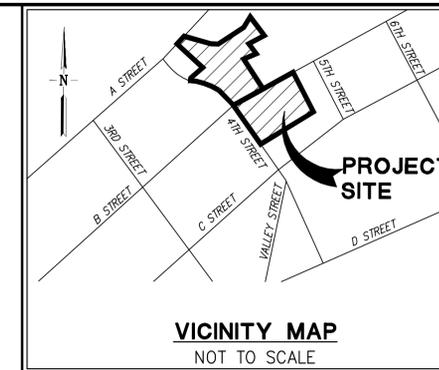


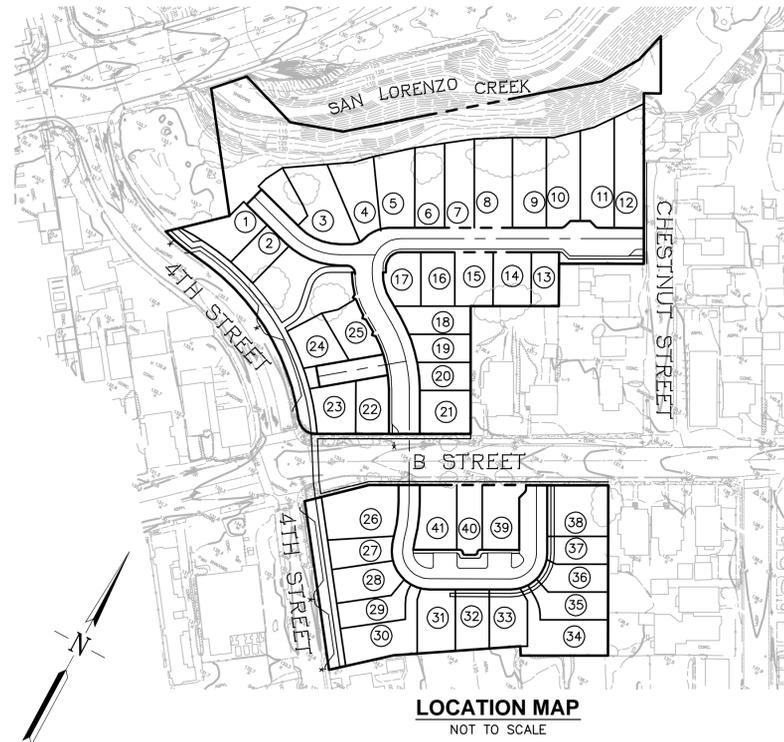
# PLANNED DEVELOPMENT SUBMITTAL B STREET

CITY OF HAYWARD, ALAMEDA COUNTY, CALIFORNIA



**PROJECT TEAM**

1. **OWNER:** DUTRA ENTERPRISES, INC.  
43360 MISSION BLVD, SUITE 230  
FREMONT, CA 94539  
TEL: (510) 353-9984  
CONTACT: TONY DUTRA
2. **APPLICANT:** DUTRA ENTERPRISES, INC.  
43360 MISSION BLVD, SUITE 230  
FREMONT, CA 94539  
TEL: (510) 353-9984  
CONTACT: TONY DUTRA
3. **CIVIL ENGINEER:** RUGGERI-JENSEN-AZAR  
4690 CHABOT DRIVE, SUITE 200  
PLEASANTON, CA 94588  
TEL: (925) 227-9100  
CONTACT: STEVE LICHLITER
4. **GEOTECHNICAL ENGINEER:** ENGeo INCORPORATED  
2010 CROW CANYON PLACE, SUITE 250  
SAN RAMON, CA 94583  
TEL: (925) 866-9000  
CONTACT: RANDY HILDEBRANT
5. **ARCHITECT:** KTCY GROUP, INC.  
580 SECOND STREET, SUITE 200  
OAKLAND, CA 94607  
TEL: (510) 272-2910  
CONTACT: PERLA AGUAYO
6. **LANDSCAPE ARCHITECT:** RIPLEY DESIGN GROUP  
1615 BONANZA STREET, SUITE 314  
WALNUT CREEK, CA 94596  
TEL: (925) 938-7377  
CONTACT: ANNIKA CARPENTER



**SHEET INDEX**

**SHEET NO. DESCRIPTION**

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- A1.1 PLAN 1A – FLOOR PLANS
- A1.2 PLAN 1A – EXTERIOR ELEVATIONS
- A1.3 PLAN 1B – PLAN CHANGE
- A1.4 PLAN 1B – EXTERIOR ELEVATIONS
- A2.0 PLAN 2 – FRONT ELEVATIONS
- A2.1 PLAN 2A – FLOOR PLANS
- A2.2 PLAN 2A – EXTERIOR ELEVATIONS
- A2.3 PLAN 2B – PLAN CHANGE
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- A4.2 PLAN 4A – EXTERIOR ELEVATIONS
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- A4.5 PLAN 4.1A – EXTERIOR ELEVATIONS
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- A5.0 PLAN 5 – FRONT ELEVATIONS
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- A5.2 PLAN 5A – EXTERIOR ELEVATIONS
- A5.3 PLAN 5B – PLAN CHANGE
- A5.4 PLAN 5B – EXTERIOR ELEVATIONS
- A5.5 PLAN 5.1A – EXTERIOR ELEVATIONS
- A5.6 PLAN 5B – EXTERIOR ELEVATIONS LOT 21
- A-C COLOR AND MATERIALS

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- L2 PRELIMINARY LANDSCAPE SITE ENLARGEMENT PLAN
- L3 PRELIMINARY LANDSCAPE SITE ENLARGEMENT PLAN
- L4 PRELIMINARY LANDSCAPE DETAILS
- L5 PRELIMINARY LANDSCAPE OPEN SPACE ENLARGEMENT PLAN
- L6 PRELIMINARY FRONT YARD TYPICALS
- L7 PRELIMINARY FRONT YARD TYPICALS
- L8 PRELIMINARY FRONT YARD HYDROZONE PLANS
- L9 PRELIMINARY TREE MITIGATION MEASURES PLAN

**CIVIL DRAWINGS**

- C-1.0 PRELIMINARY SITE PLAN
- C-2.0 PROPOSED PARKING PLAN
- C-3.0 PRELIMINARY FIRE TURNING PATH

G:\022016\161071\CAD\_FILES\02-PLANNING\PD\PD-T1-CV-161071.DWG 11/13/2017 SAMIRA NOROUZPOUR



**RUGGERI-JENSEN-AZAR**  
ENGINEERS • PLANNERS • SURVEYORS  
4690 CHABOT DRIVE, SUITE 200 PLEASANTON, CA 94588  
PHONE: (925) 227-9100 FAX: (925) 227-9300

North Site Area:	2.6 acres *
South Site Area:	1.6 acres *
Total Site Area:	4.1 acres *
*Acres are approximate	

**North Site Summary**

Unit Name	Description	Type	Approx Gross SF*	#	%	Approx Gross total SF
Plan 1	3 bd + 2.5 bath	Alley Loaded	1452	2	8%	2904
Plan 2	3 bd + 2.5 bath	Front Loaded	1621	9	36%	14589
Plan 3	4 bd + 3 bath	Front Loaded	1885	5	20%	9425
Plan 4	3 bd + 2.5 bath	Front Loaded	1921	4	16%	7684
Plan 5	4 bd + 3 bath	Front Loaded	2251	5	20%	11255
<b>Subtotal</b>				<b>25</b>	<b>100%</b>	<b>45857</b>
<b>Overall Density</b>			<b>+/-</b>	<b>9.8</b>	<b>du/ac</b>	
<b>Approx. NET Avg. Unit Square Foot</b>			<b>+/-</b>	<b>1834</b>	<b>sq.ft.</b>	

\*Gross SF measure to outside face of stud, excludes garage area

Parking (North)		
Garage spaces:	25 x2	50 garage spaces
Private Driveway spaces:	10 x2	20 driveway spaces
On-street parking total (in Resi + 4th Street)	10 + 7	17 open spaces
		<b>87 total spaces provided</b>

**South Site Summary**

Unit Name	Description	Type	Approx Gross SF*	#	%	Approx Gross total SF
Plan 1	3 bd + 2.5 bath	Alley Loaded	1452	3	19%	4356
Plan 2	3 bd + 2.5 bath	Front Loaded	1621	3	19%	4863
Plan 3	4 bd + 3 bath	Front Loaded	1885	2	13%	3770
Plan 4	4 bd + 3 bath	Front Loaded	1921	6	38%	11526
Plan 5	4 bd + 2.5 bath	Front Loaded	2223	2	13%	4446
<b>Subtotal</b>				<b>16</b>	<b>100%</b>	<b>28961</b>
<b>Overall Density</b>			<b>+/-</b>	<b>10.0</b>	<b>du/ac</b>	
<b>Approx. NET Avg. Unit Square Foot</b>			<b>+/-</b>	<b>1810</b>	<b>sq.ft.</b>	

\*Gross SF measure to outside face of stud, excludes garage area

Parking (South)		
Garage spaces:	16 x2	32 garage spaces
Private Driveway spaces:	5 x2	10 driveway spaces
On-street parking total (in Resi + 4th Street)	8 + 5	13 open spaces
		<b>55 total spaces provided</b>

**Open Space Summary**

Open Space Required:	North
25 units X 350 sf/unit =	8750 SF
<b>Open Space Provided:</b>	North
Private	22274 SF
Group	13578 SF
<b>Total:</b>	<b>35852 SF</b>
	1434 SF/Unit

**Open Space Summary**

Open Space Required:	South
16 units X 350 sf/unit =	5600 SF
<b>Open Space Provided:</b>	South
Private	5772 SF
Group	3000 SF
<b>Total:</b>	<b>8772 SF</b>
	548 SF/Unit

**Open Space Summary**

Open Space Required:	North + South
41 units X 350 sf/unit =	14350 SF
<b>Open Space Provided:</b>	North + South
Private	28046 SF
Group	16578 SF
<b>Total:</b>	<b>44624 SF</b>
	1088 SF/Unit

**Lot Coverage**

Lot #	Lot s.f.	Plan #	Ftpt. s.f.	Coverage
1	3,131	P1AR	1,078	34%
2	2,180	P1BR	1,041	48%
3	4,830	P5.1A	1,467	30%
4	3,645	P2B	1,075	29%
5	3,996	P3A	1,319	33%
6	3,383	P2B	1,075	32%
7	3,567	P2A	1,075	30%
8	4,738	P5B	1,468	31%
9	4,246	P3AR	1,319	31%
10	4,241	P3B	1,319	31%
11	4,697	P3AR	1,319	28%
12	4,814	P2B	1,075	22%
13	2,074	P2BR	1,075	52%
14	2,857	P5A	1,467	51%
15	2,857	P5BR	1,468	51%
16	2,540	P3AR	1,319	52%
17	2,529	P2B	1,075	43%
18	2,678	P2A	1,075	40%
19	2,222	P2B	1,075	48%
20	2,012	P2A	1,075	53%
21	3,060	P5B	1,468	48%
22	2,562	P4A	1,254	49%
23	3,001	P4BR	1,254	42%
24	3,041	P4A	1,296	43%
25	2,616	P4BR	1,296	50%
26	5,020	P4BR	1,296	26%
27	2,369	P1A	1,078	46%
28	3,185	P4A	1,296	41%
29	2,826	P1B	1,041	37%
30	3,705	P4A	1,296	35%
31	3,141	P5A	1,467	47%
32	2,671	P3BR	1,319	49%
33	2,870	P5BR	1,468	51%
34	4,076	P3A	1,319	32%
35	3,314	P2B	1,075	32%
36	2,332	P2A	1,075	46%
37	2,192	P2B	1,075	49%
38	4,025	P4.1AR	1,254	31%
39	3,600	P4.1B	1,296	36%
40	2,400	P1A	1,078	45%
41	3,409	P4.1AR	1,296	38%

\* Indicates Enhanced Elevation (Lots 12, 17, 21, 22, 23, 24, 25, 26)





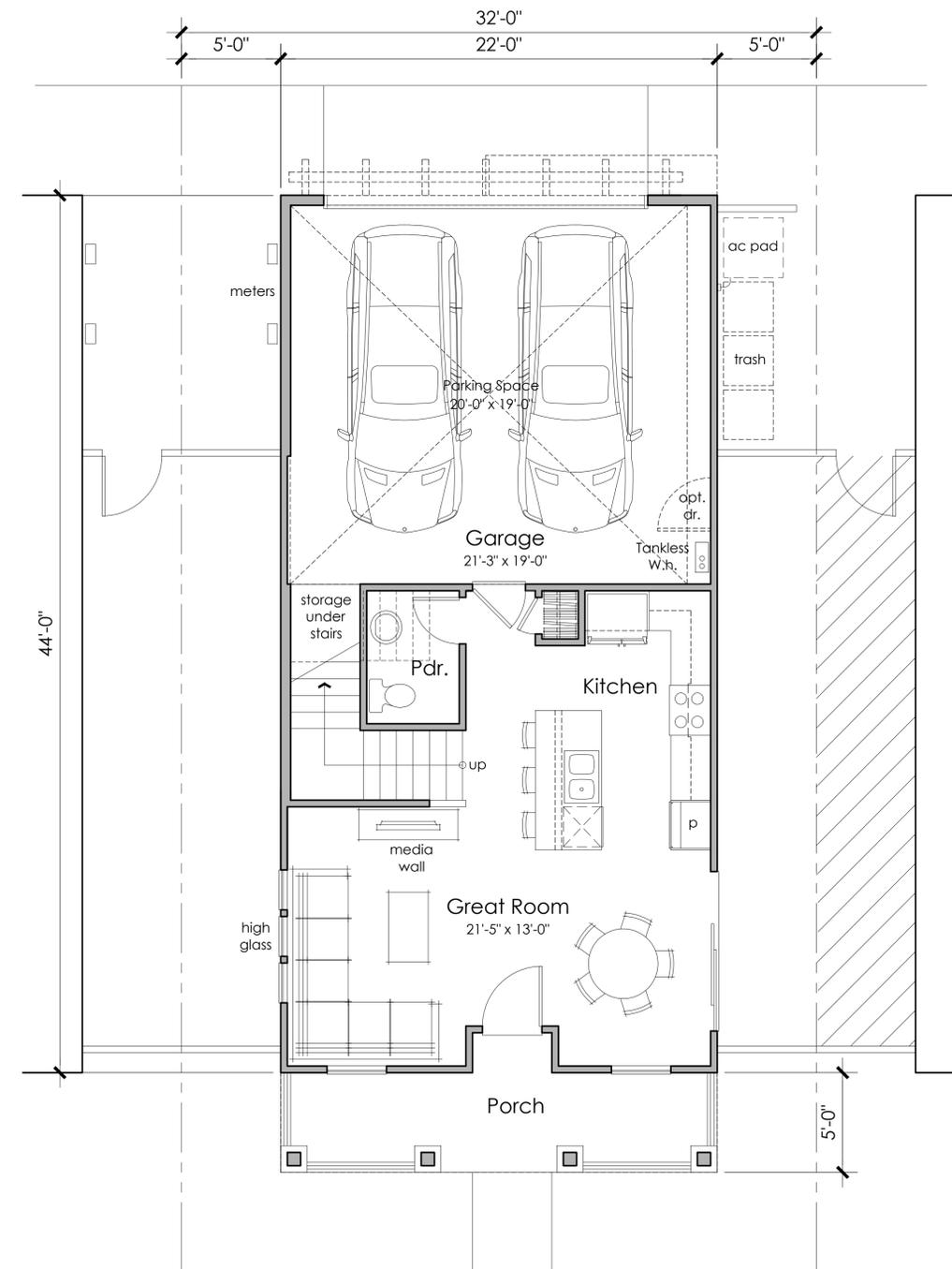
ELEVATION '1B'



ELEVATION '1A'



Second Floor  
937 s.f.



First Floor  
515 s.f.

Floor Plan  
3 Bedrooms  
2.5 Baths  
1,452 s.f.



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B STREET  
HAYWARD, CA # 2016-0385

SCHEMATIC DESIGN  
05-04-2018



PLAN 1A FLOOR PLAN

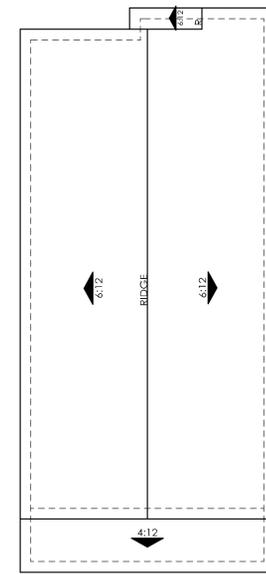
A1.1

- 1A  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Stucco Finish  
 Cementitious Siding/ Board & Batt  
 Shutters  
 Decorative Railing & Wood Posts  
 Enhanced Sills

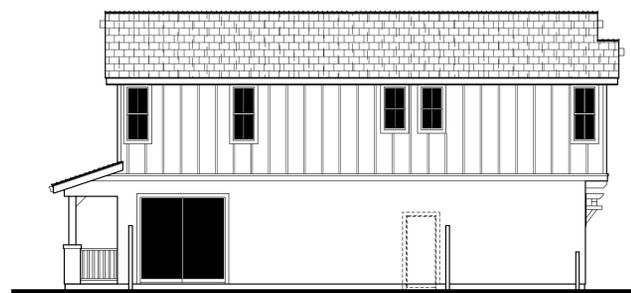


ELEVATION '1A'

Scale: 1/4" = 1'-0"  
 0 2 4 8

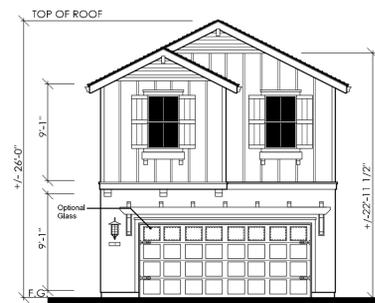


ROOF PLAN  
 OVERHANG: 12"  
 RAKE: 12"  
 ROOF PITCH: 6:12 U.N.O  
 Scale: 1/8" = 1'-0"  
 0 4 8 16



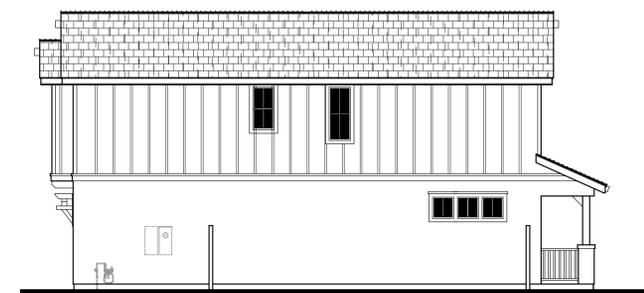
RIGHT

Scale: 1/8" = 1'-0"  
 0 4 8 16



REAR

Scale: 1/8" = 1'-0"  
 0 4 8 16



LEFT

Scale: 1/8" = 1'-0"  
 0 4 8 16



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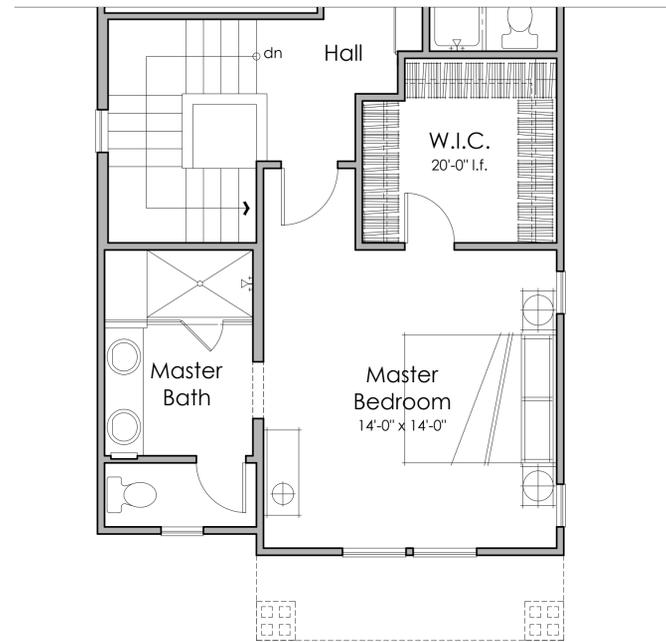
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 05-04-2018

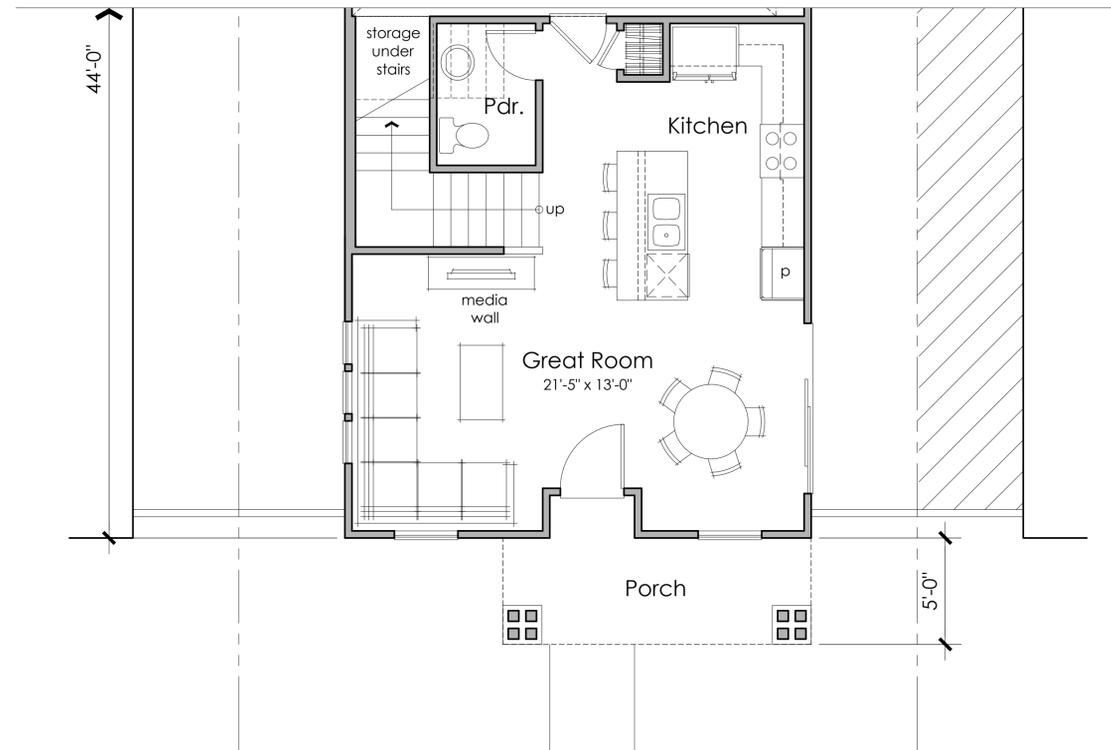
0 2 4 8

PLAN 1A EXTERIOR ELEVATIONS

A1.2



Second Floor  
952 s.f.



First Floor  
515 s.f.

Floor Plan  
3 Bedrooms  
2.5 Baths  
1,467 s.f.



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**B STREET**  
HAYWARD, CA # 2016-0385

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PLAN 1B PLAN CHANGE

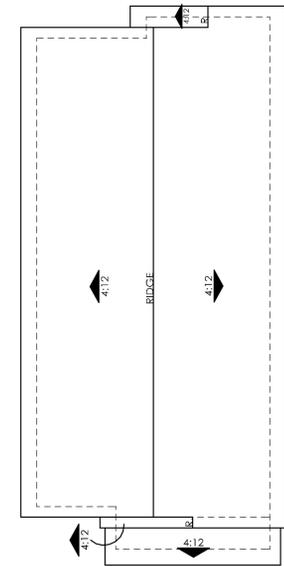
A1.3

- 1B  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Cementitious Siding  
 Shutters  
 Stone Veneer  
 Enhanced Sills



ELEVATION '1B'

Scale: 1/4" = 1'-0"  
 0 2 4 8



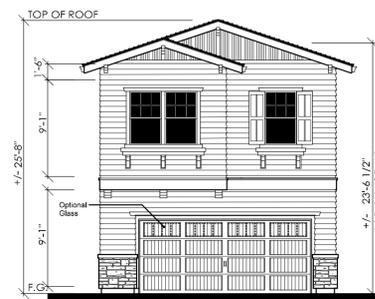
ROOF PLAN  
 OVERHANG: 18"  
 RAKE: 12"  
 ROOF PITCH: 4:12 U.N.O

Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT

Scale: 1/8" = 1'-0"  
 0 4 8 16



REAR

Scale: 1/8" = 1'-0"  
 0 4 8 16



LEFT

Scale: 1/8" = 1'-0"  
 0 4 8 16



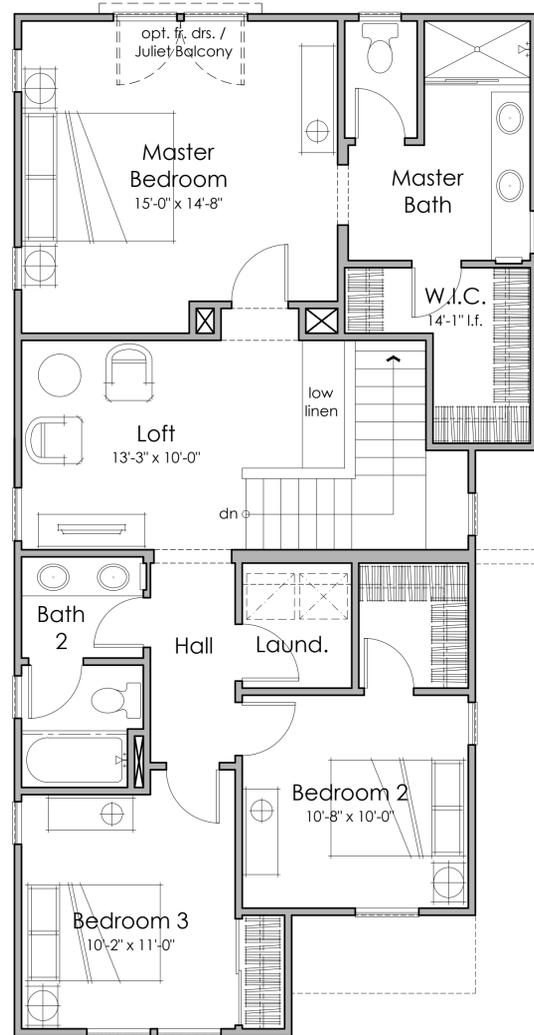
Shown with Optional Glass  
at Garage Door

ELEVATION '2B'

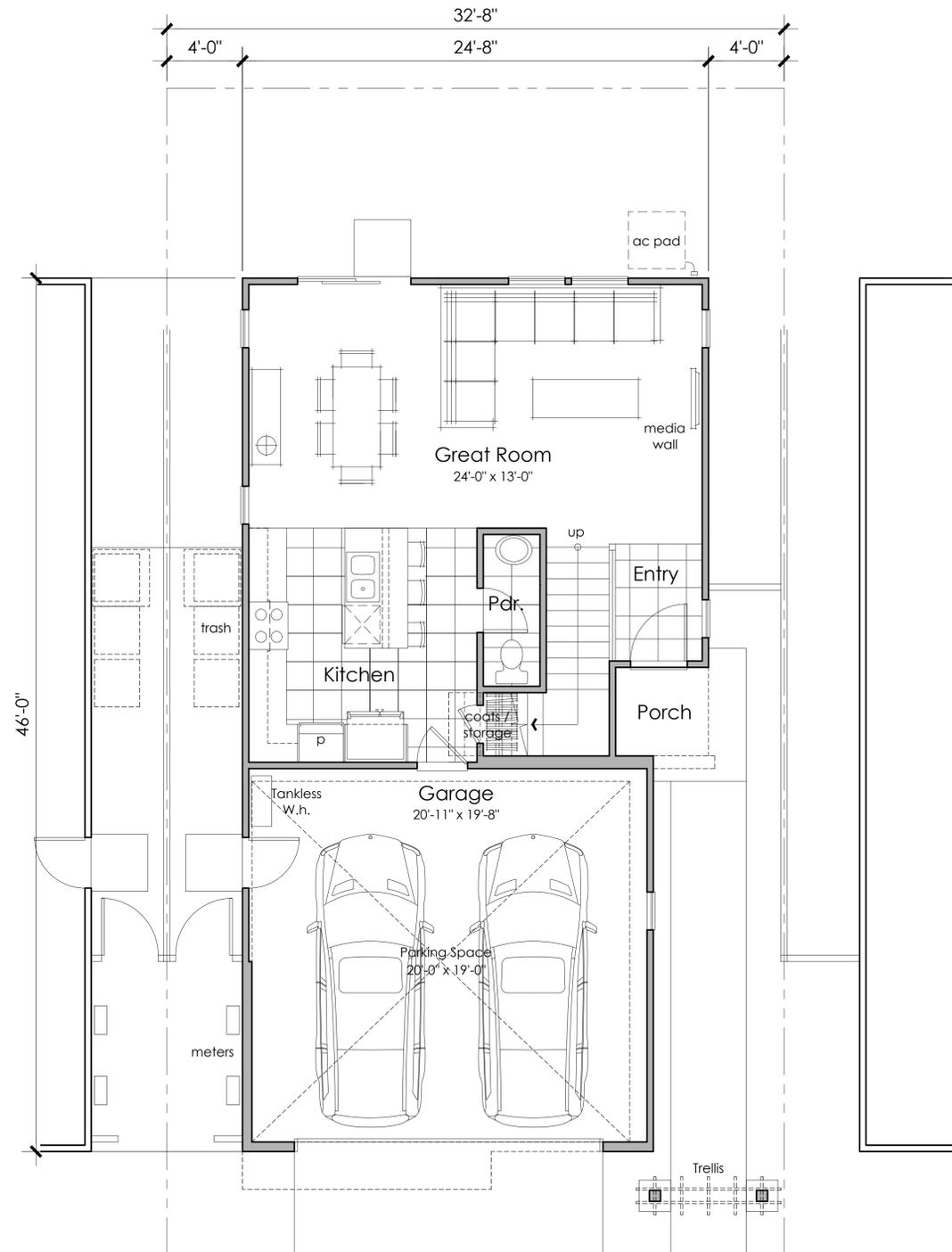


Shown with Optional Glass  
at Garage Door

ELEVATION '2A'



Second Floor  
1,010 s.f.



First Floor  
611 s.f.

Floor Plan  
3 Bedrooms + Loft  
2.5 Baths  
1,621 s.f.



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HAYWARD, CA # 2016-0385

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PLAN 2A FLOOR PLAN

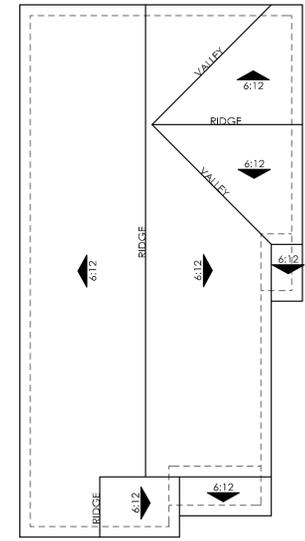
A2.1

2A  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Stucco Finish  
 Cementitious Siding  
 Enhanced Sills



ELEVATION '2A'

Scale: 1/4" = 1'-0"  
 0 2 4 8



ROOF PLAN  
 OVERHANG: 12"  
 RAKE: 12"  
 ROOF PITCH: 6:12 U.N.O

Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT

Scale: 1/8" = 1'-0"  
 0 4 8 16



REAR

Scale: 1/8" = 1'-0"  
 0 4 8 16



LEFT

Scale: 1/8" = 1'-0"  
 0 4 8 16



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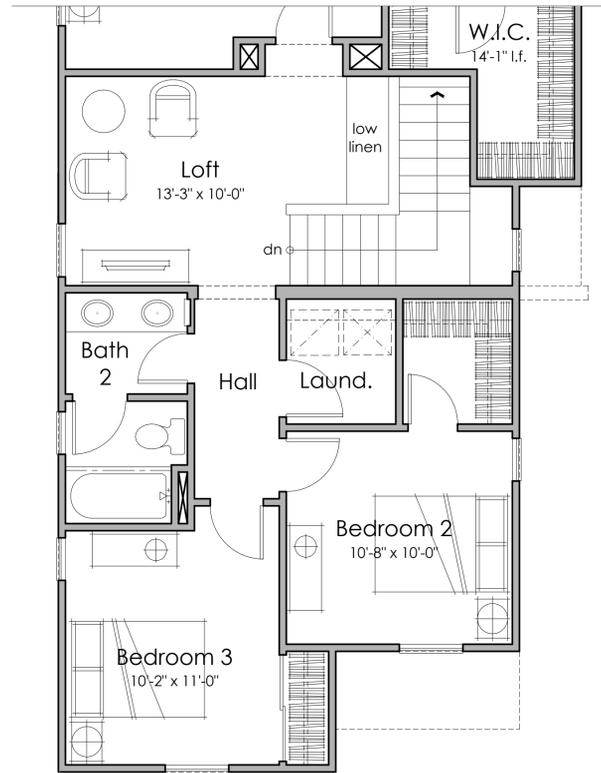
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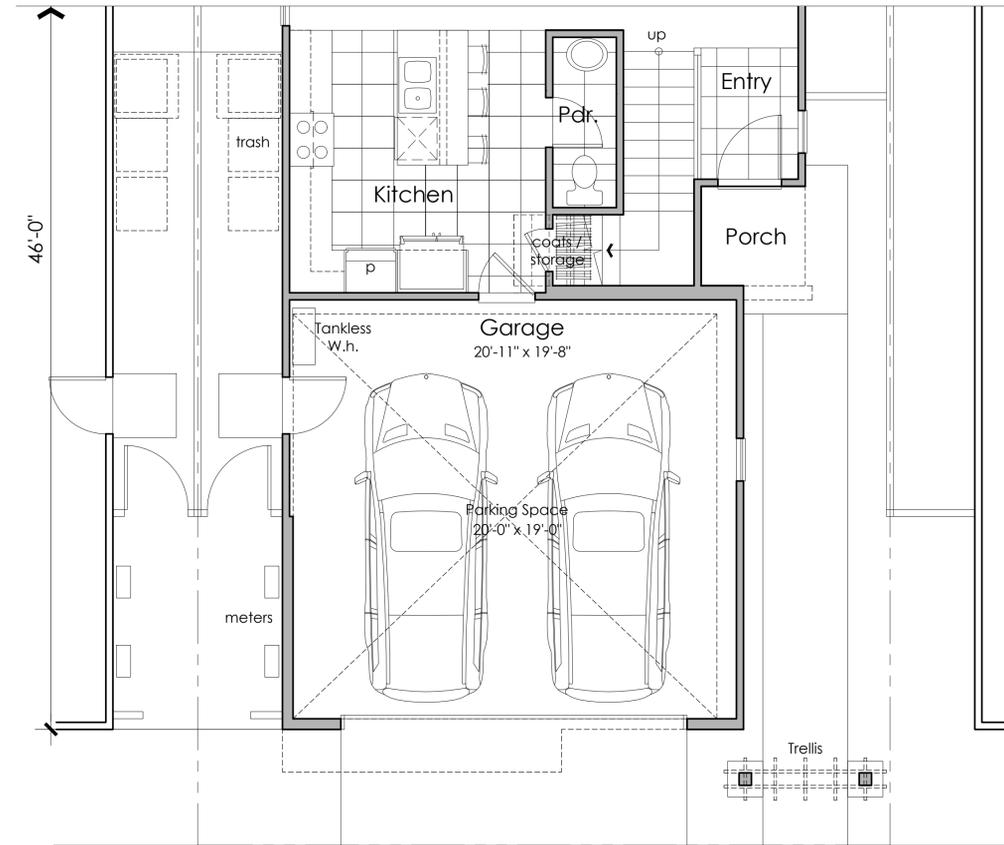
0 2 4 8

PLAN 2A EXTERIOR ELEVATIONS

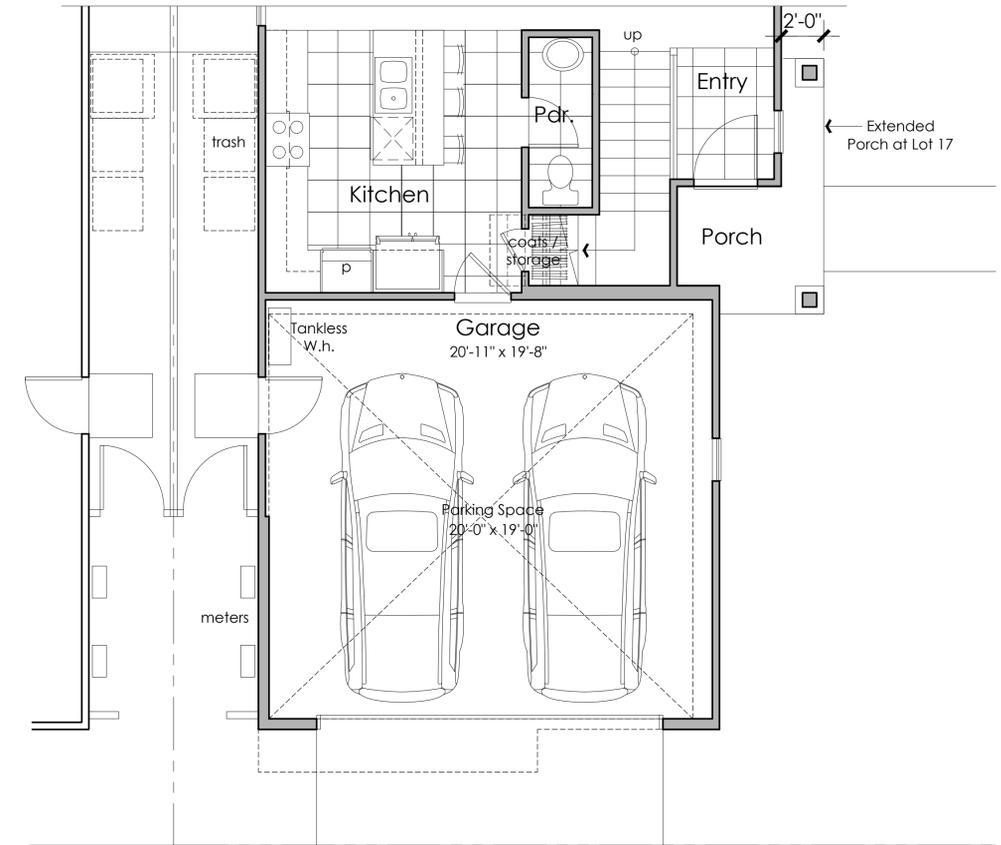
A2.2



Second Floor  
1,010 s.f.



First Floor  
611 s.f.



First Floor  
Lot 17

Floor Plan  
3 Bedrooms + Loft  
2.5 Baths  
1,621 s.f.



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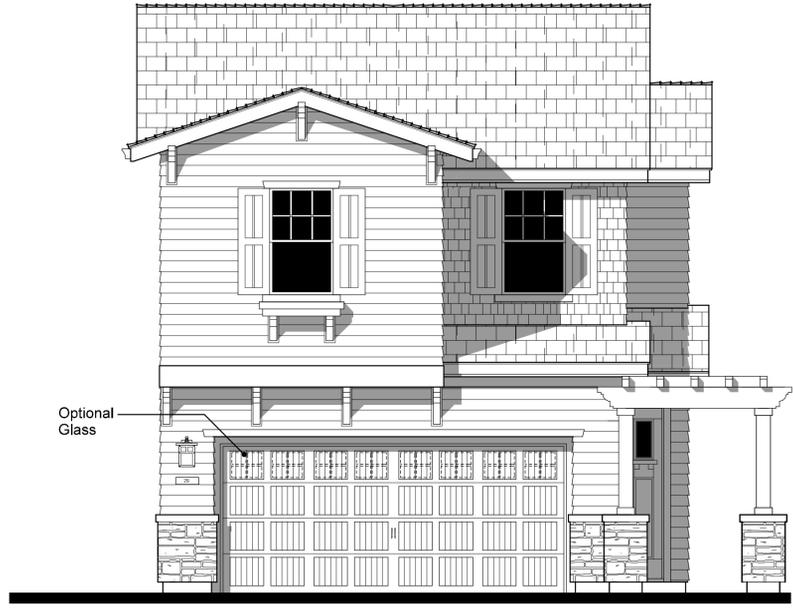
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PLAN 2B PLAN CHANGE

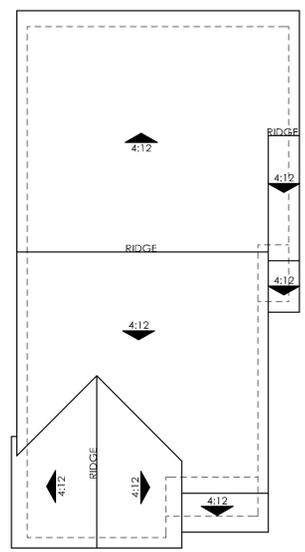
A2.3

2B  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Cementitious Siding  
 Stone Veneer  
 Enhanced Sills



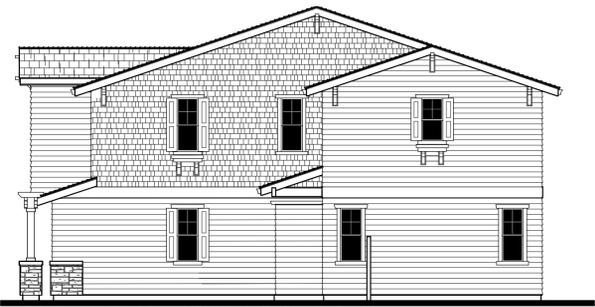
ELEVATION '2B'

Scale: 1/4" = 1'-0"  
 0 2 4 8



ROOF PLAN  
 OVERHANG: 18"  
 RAKE: 12"  
 ROOF PITCH: 4:12 U.N.O

Scale: 1/8" = 1'-0"  
 0 4 8 16



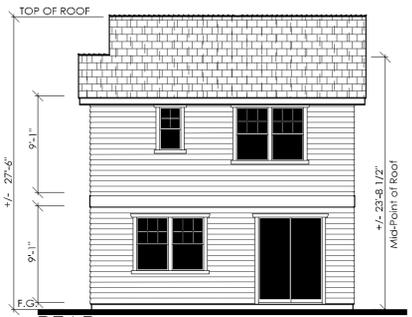
RIGHT AT ENHANCED LOCATIONS

Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT

Scale: 1/8" = 1'-0"  
 0 4 8 16



REAR

Scale: 1/8" = 1'-0"  
 0 4 8 16



LEFT

Scale: 1/8" = 1'-0"  
 0 4 8 16



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B STREET  
 HAYWARD, CA

#2016-0385

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0 2 4 8

PLAN 2B EXTERIOR ELEVATIONS

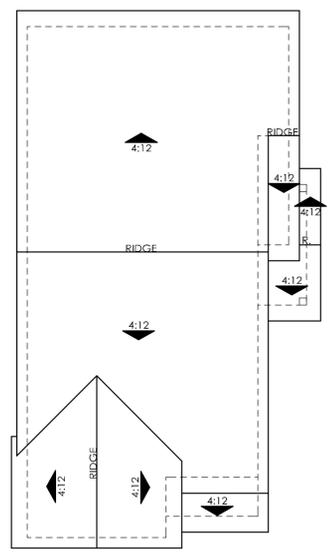
A2.4

2B  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Cementitious Siding  
 Stone Veneer  
 Enhanced Sills



ELEVATION '2B'-LOT 17

Scale: 1/4" = 1'-0"  
 0 2 4 8



ROOF PLAN  
 OVERHANG: 18"  
 RAKE: 12"  
 ROOF PITCH: 4:12 U.N.O

Scale: 1/8" = 1'-0"  
 0 4 8 16



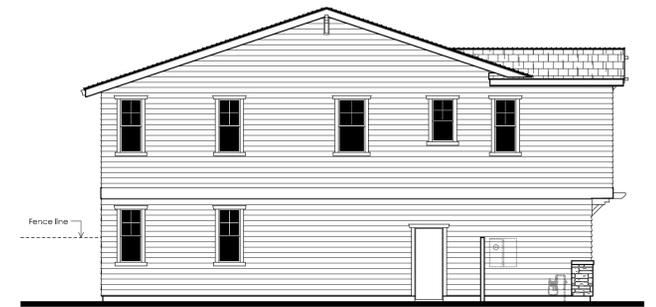
RIGHT

Scale: 1/8" = 1'-0"  
 0 4 8 16



REAR

Scale: 1/8" = 1'-0"  
 0 4 8 16



LEFT

Scale: 1/8" = 1'-0"  
 0 4 8 16



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B STREET  
 HAYWARD, CA

#2016-0385

SCHEMATIC DESIGN  
 05-04-2018

0 2 4 8

PLAN 2B EXTERIOR ELEVATIONS  
 LOT 17

A2.5



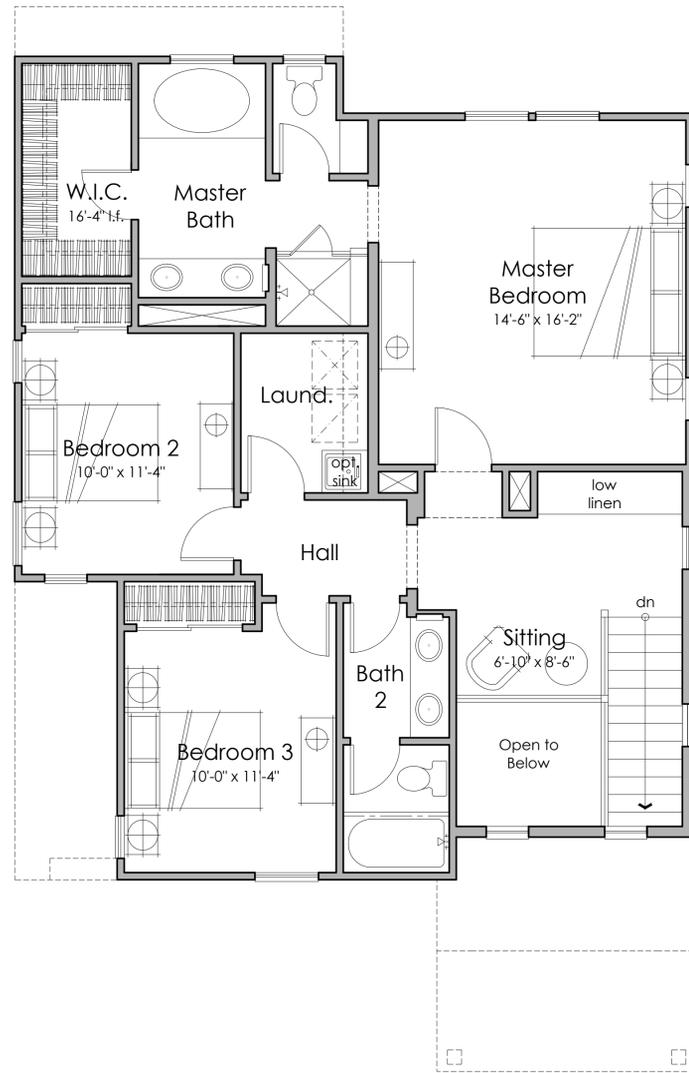
Shown with Optional Glass  
at Garage Door

ELEVATION '3B'

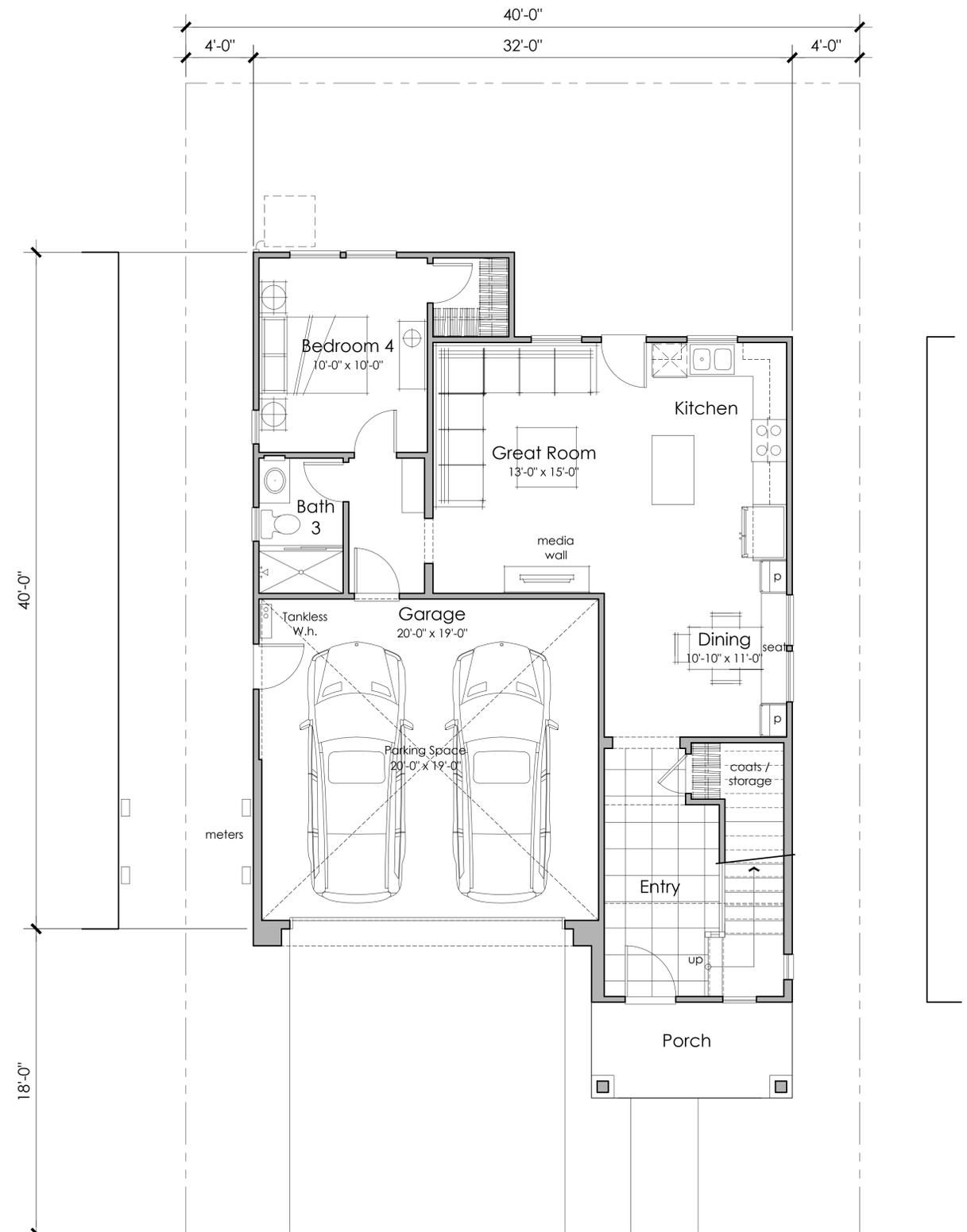


Shown with Optional Glass  
at Garage Door

ELEVATION '3A'



Second Floor  
1,037 s.f.



First Floor  
848 s.f.

Floor Plan  
4 Bedrooms  
3 Baths  
1,885 s.f.



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B STREET  
HAYWARD, CA # 2016-0385

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PLAN 3A FLOOR PLAN

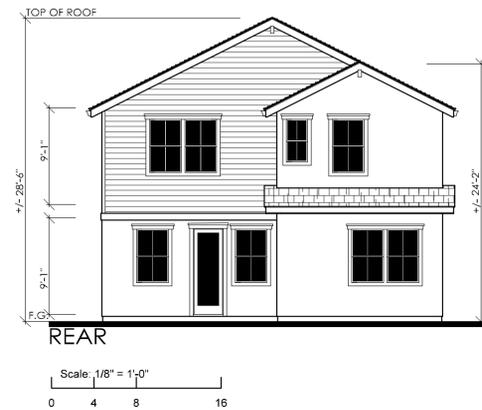
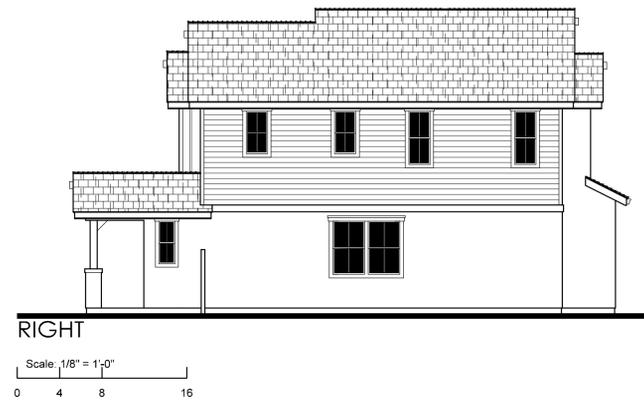
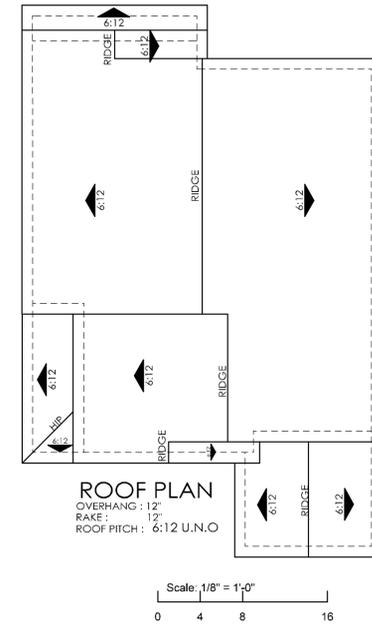
A3.1

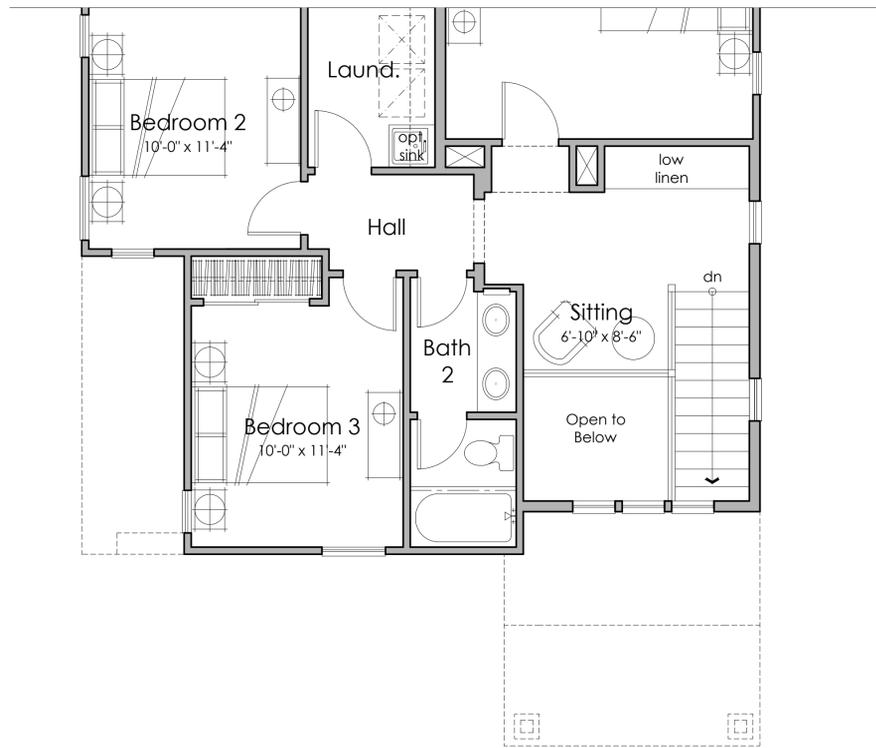
- 3A  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Stucco Finish  
 Cementitious Board & Batt  
 Shutters  
 Enhanced Sills



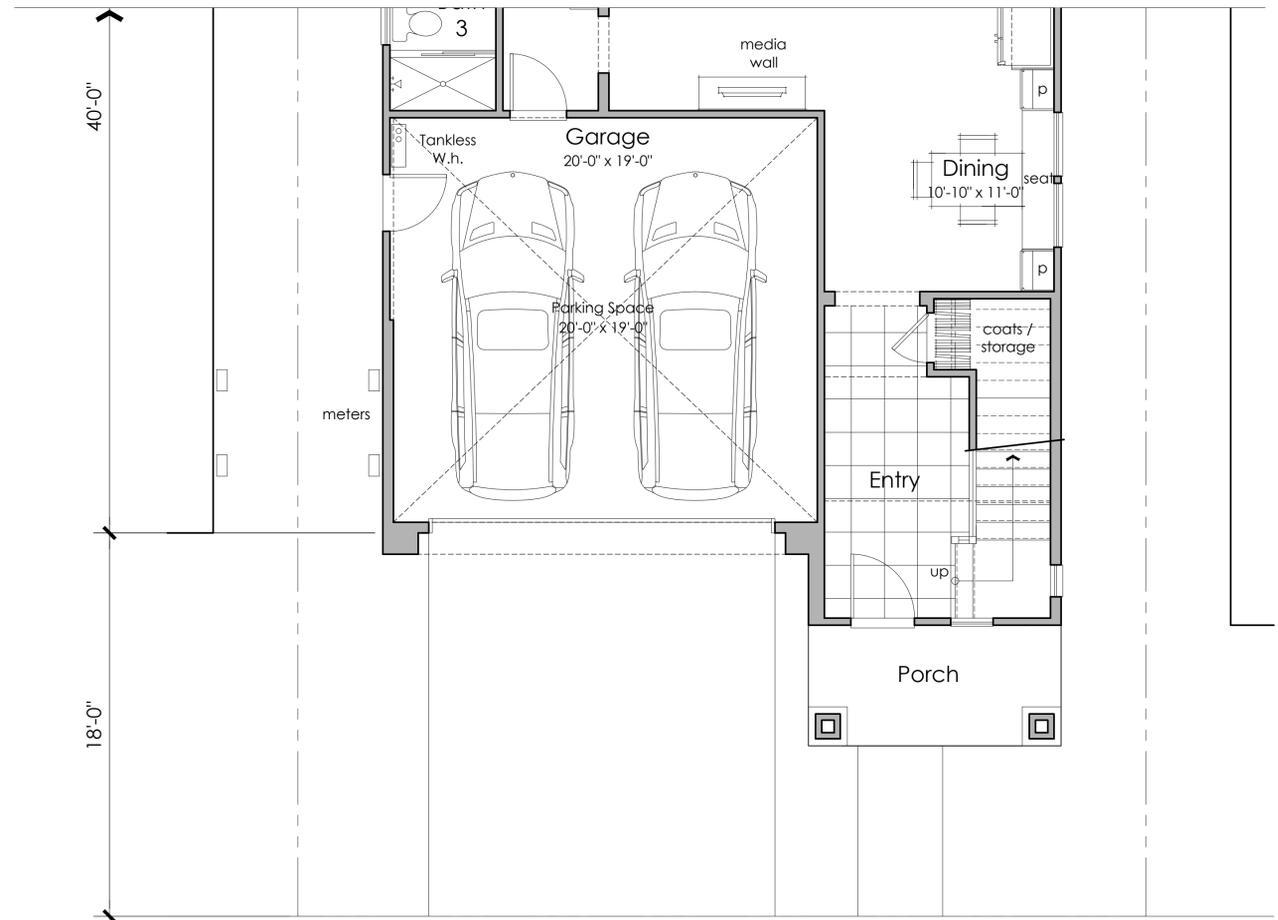
ELEVATION '3A'

Scale: 1/4" = 1'-0"  
 0 2 4 8





Second Floor  
1,037 s.f.



First Floor  
848 s.f.

Floor Plan  
4 Bedrooms  
3 Baths  
1,885 s.f.



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B STREET  
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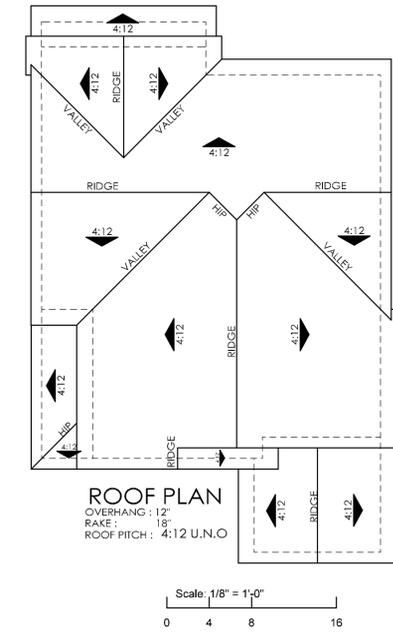
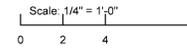
PLAN 3B PLAN CHANGE

A3.3

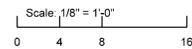
- 3B  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Cementitious Shingles / Siding  
 Shutters  
 Stone Veneer  
 Enhanced Sills



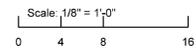
ELEVATION '3B'



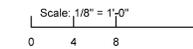
RIGHT

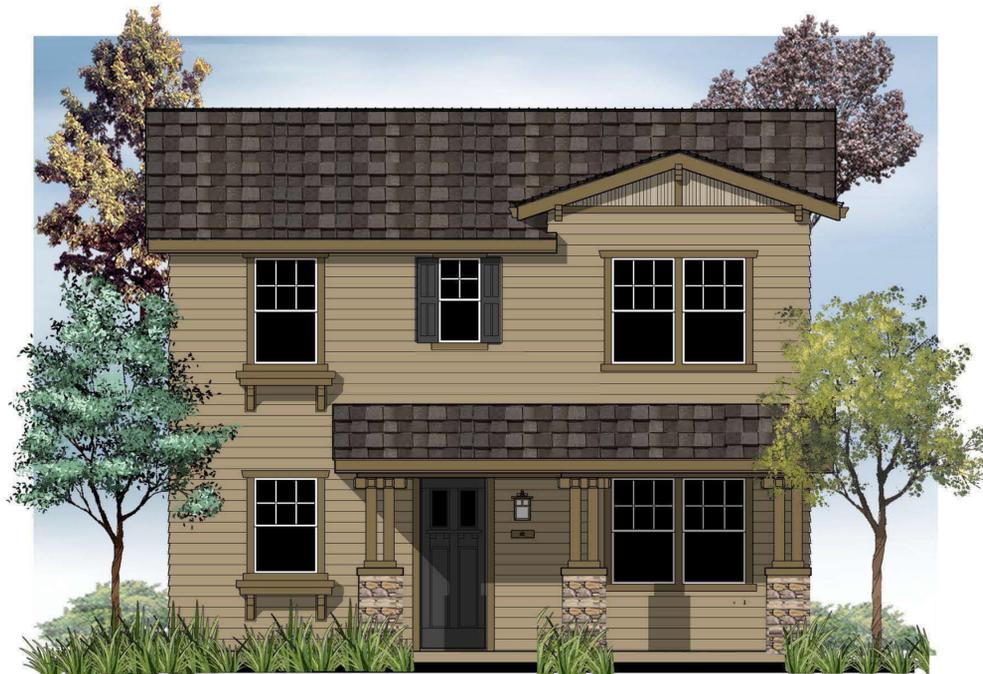


REAR



LEFT

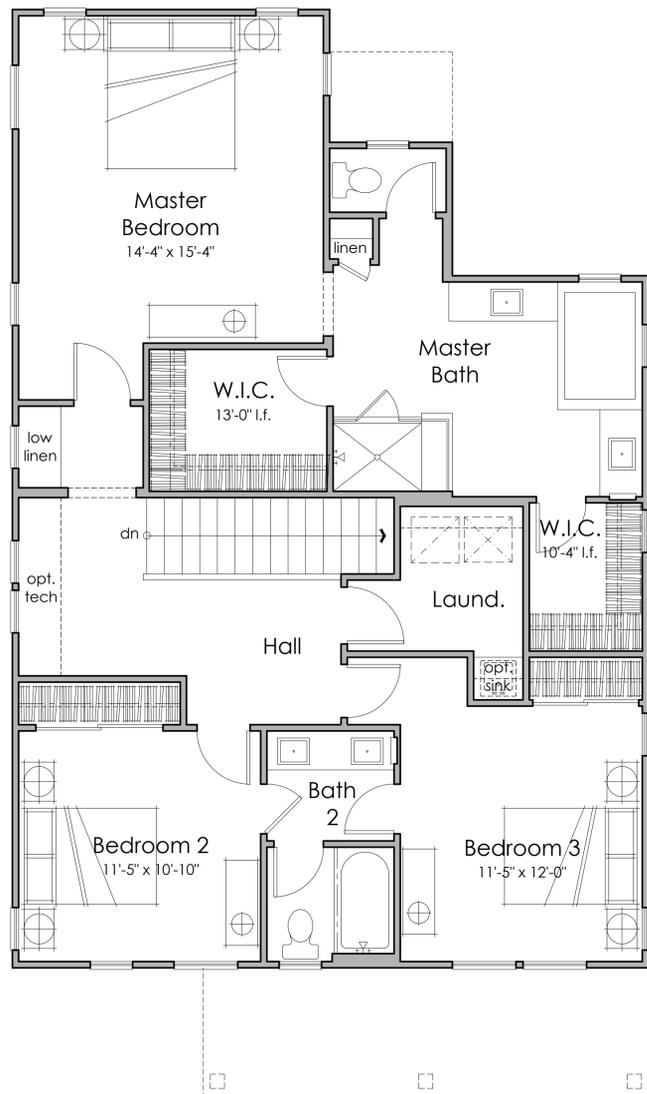




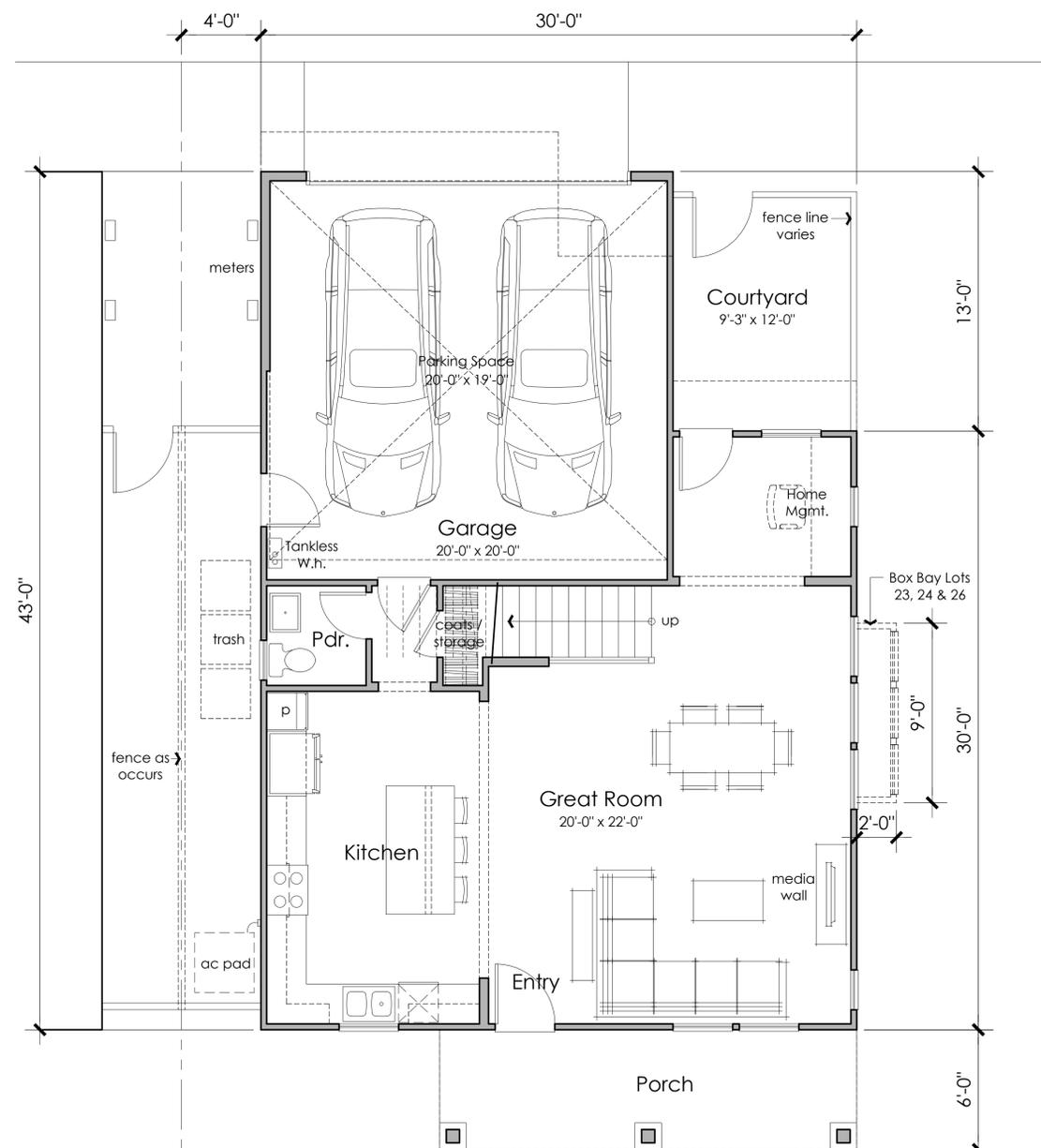
ELEVATION '4B'



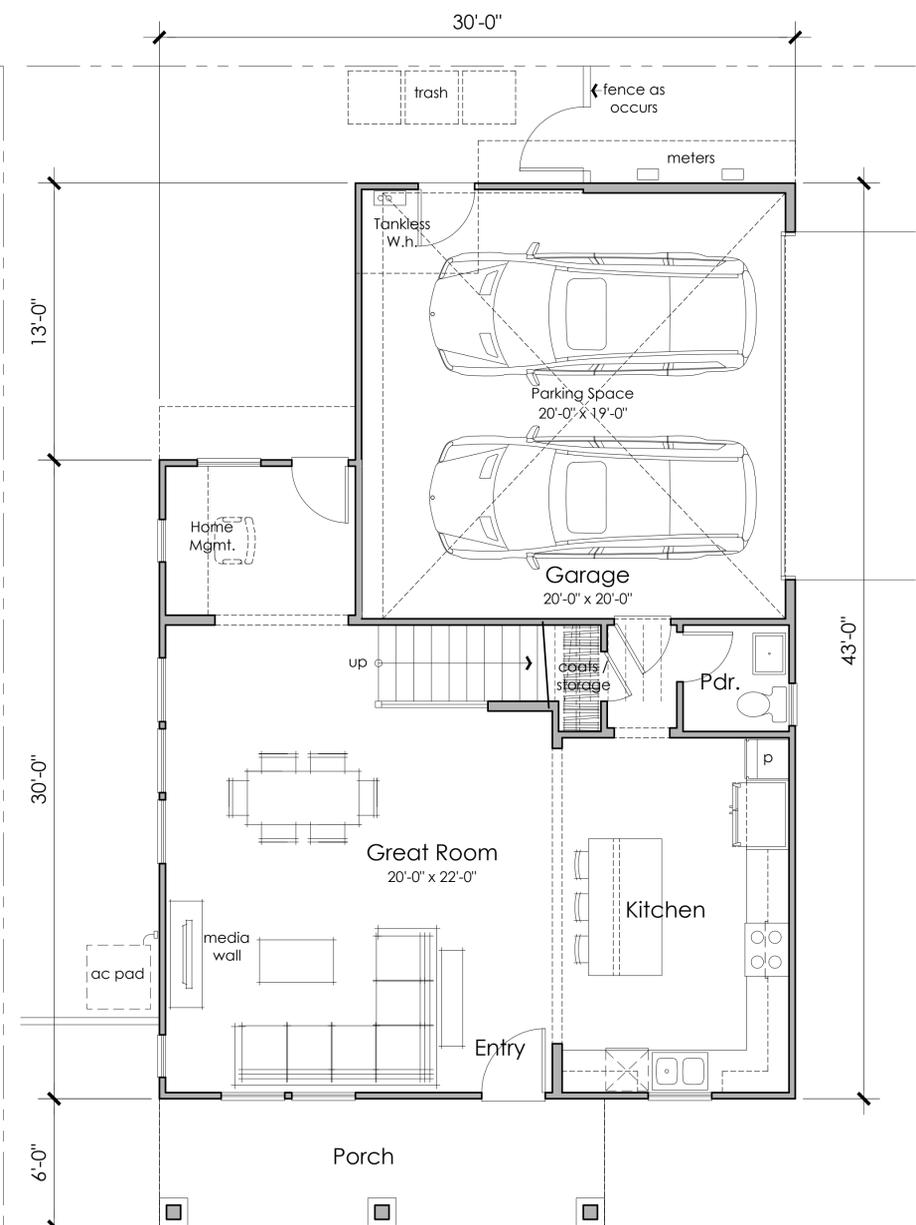
ELEVATION '4A'



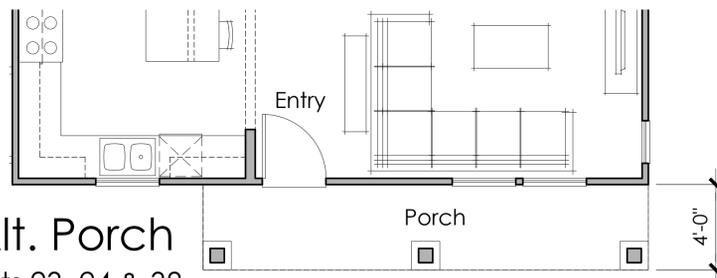
**Second Floor**  
1,174 s.f.



**First Floor**  
747 s.f.



**4.1R First Floor**  
Lots 38, 39 & 41



**Alt. Porch**  
Lots 23, 24 & 38

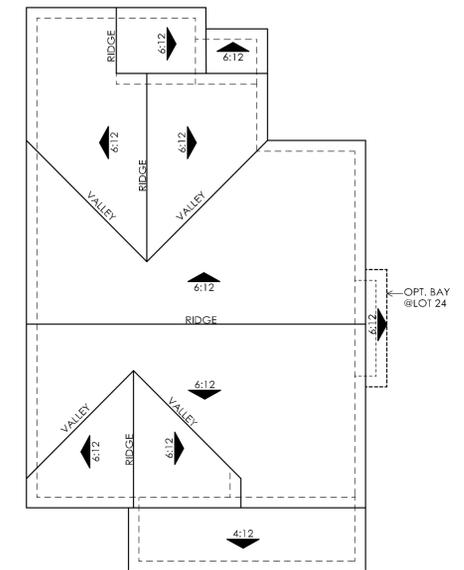
**4 & 4.1 Floor Plan**  
3 Bedrooms  
2.5 Baths  
1,921 s.f.

- 4A  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Stucco Finish  
 Cementitious Siding/ Board & Batt  
 Enhanced Sills



ELEVATION '4A'

Scale: 1/4" = 1'-0"  
 0 2 4 8



ROOF PLAN  
 OVERHANG: 12"  
 RAKE: 12"  
 ROOF PITCH: 6:12 U.N.O

Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT  
 Scale: 1/8" = 1'-0"  
 0 4 8 16



REAR  
 Scale: 1/8" = 1'-0"  
 0 4 8 16



LEFT  
 Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT AT ENHANCED LOCATIONS  
 Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT- LOT 24  
 Scale: 1/8" = 1'-0"  
 0 4 8 16



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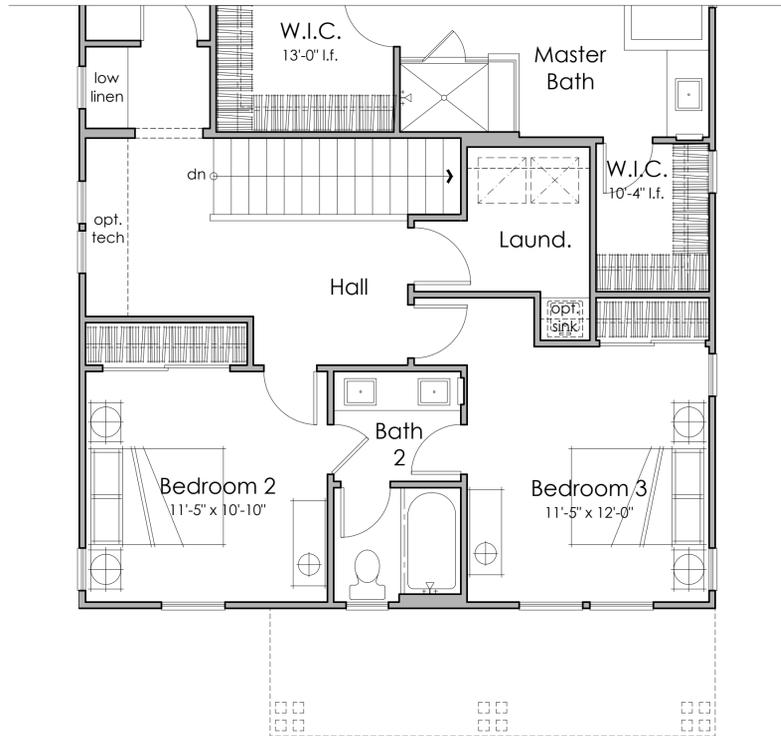
#2016-0385

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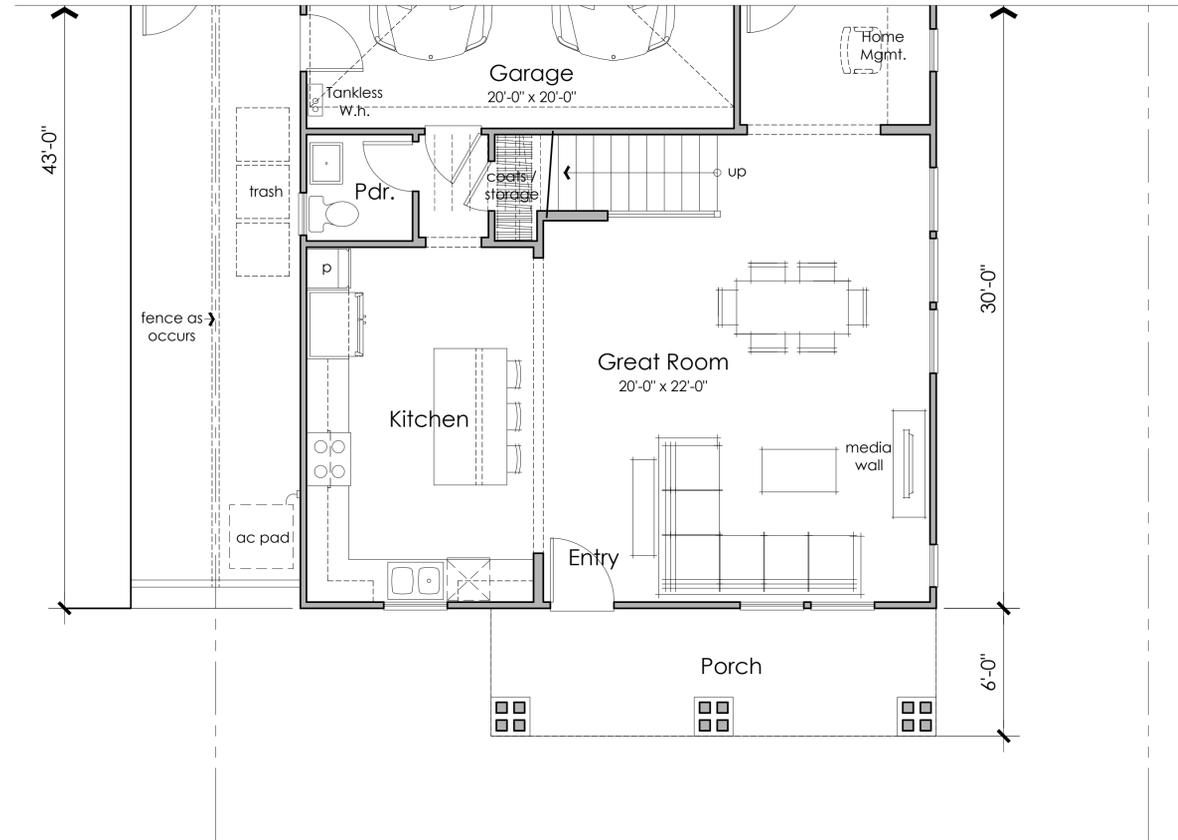
0 2 4 8

PLAN 4A EXTERIOR ELEVATIONS

A4.2



Second Floor  
1,174 s.f.



First Floor  
747 s.f.

Floor Plan  
3 Bedrooms  
2.5 Baths  
1,921 s.f.



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PLAN 4B PLAN CHANGE

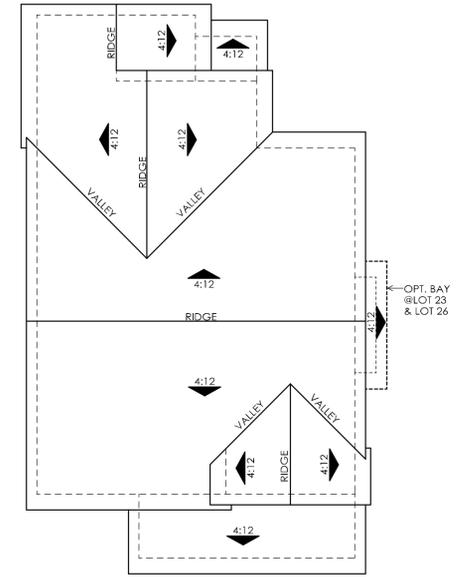
A4.3

4B  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Cementitious Siding  
 Stone Veneer  
 Enhanced Sills



ELEVATION '4B'

Scale: 1/4" = 1'-0"  
 0 2 4 8



ROOF PLAN  
 OVERHANG: 18"  
 RAKE: 12"  
 ROOF PITCH: 4:12 U.N.O.

Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT

Scale: 1/8" = 1'-0"  
 0 4 8 16



REAR

Scale: 1/8" = 1'-0"  
 0 4 8 16



LEFT

Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT AT ENHANCED LOCATIONS

Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT- LOT 23 AND 26

Scale: 1/8" = 1'-0"  
 0 4 8 16



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0 2 4 8

PLAN 4B EXTERIOR ELEVATIONS

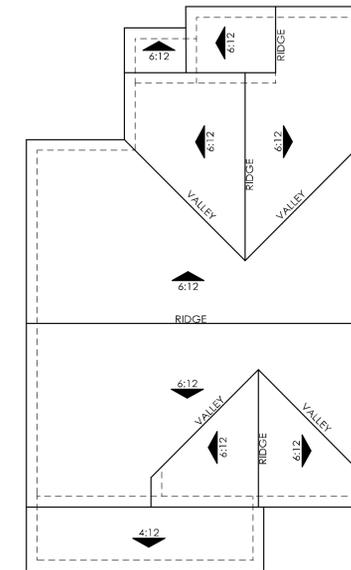
A4.4

- 4A  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Stucco Finish  
 Cementitious Siding  
 Enhanced Sills



ELEVATION '4.1 AR' - LOT 38 & 41

Scale: 1/4" = 1'-0"  
 0 2 4 8



ROOF PLAN  
 OVERHANG: 12"  
 RAKE: 12"  
 ROOF PITCH: 6:12 U.N.O

Scale: 1/8" = 1'-0"  
 0 4 8 16



LEFT AT ALTERNATE GARAGE LOCATION - LOT 41

Scale: 1/8" = 1'-0"  
 0 4 8 16



REAR AT ALTERNATE GARAGE LOCATION - LOT 41

Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT AT ALTERNATE GARAGE LOCATION - LOT 41

Scale: 1/8" = 1'-0"  
 0 4 8 16



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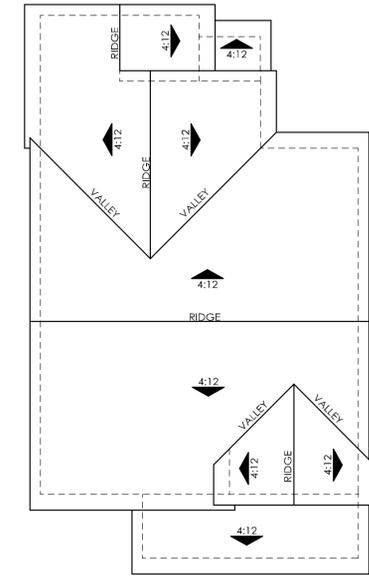
0 2 4 8

- 4B  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Stucco Finish  
 Cementitious Siding/ Board & Batt  
 Stone Veneer  
 Enhanced Sills



ELEVATION '4.1B' - LOT 39

Scale: 1/4" = 1'-0"  
 0 2 4 8



ROOF PLAN  
 OVERHANG: 18"  
 RAISE: 12"  
 ROOF PITCH: 4:12 U.N.O.

Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT AT ALTERNATE GARAGE LOCATION - LOT 39

Scale: 1/8" = 1'-0"  
 0 4 8 16



REAR AT ALTERNATE GARAGE LOCATION - LOT 39

Scale: 1/8" = 1'-0"  
 0 4 8 16



LEFT AT ALTERNATE GARAGE LOCATION - LOT 39

Scale: 1/8" = 1'-0"  
 0 4 8 16



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Scale: 1/8" = 1'-0"  
 0 2 4 8

PLAN 4.1B EXTERIOR ELEVATIONS

A4.6



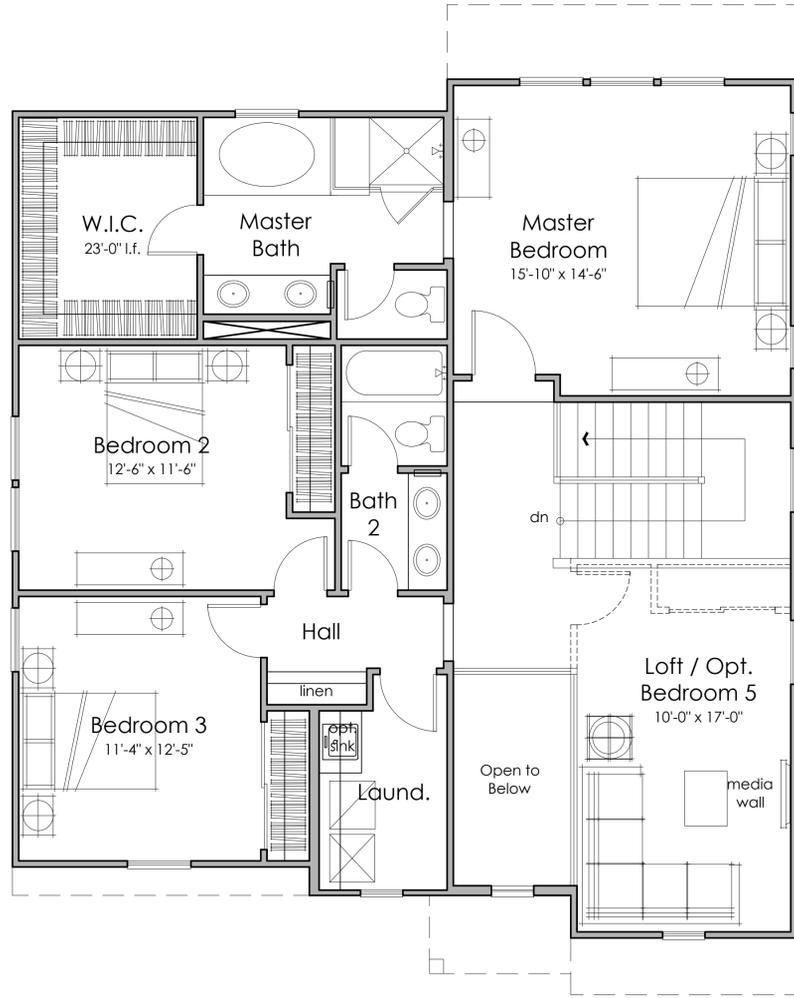
Shown with Optional Glass  
at Garage Door

ELEVATION '5B'

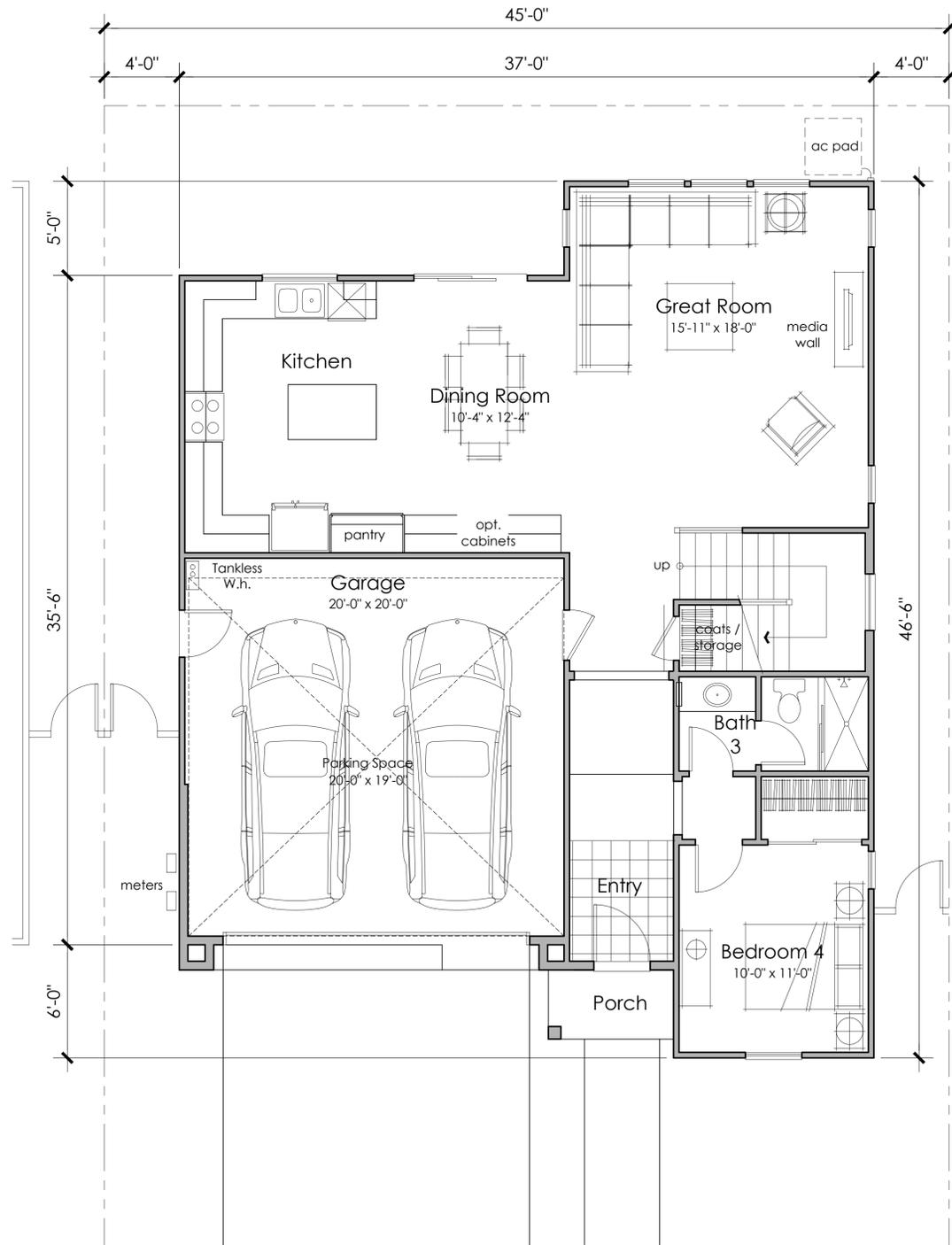


Shown with Optional Glass  
at Garage Door

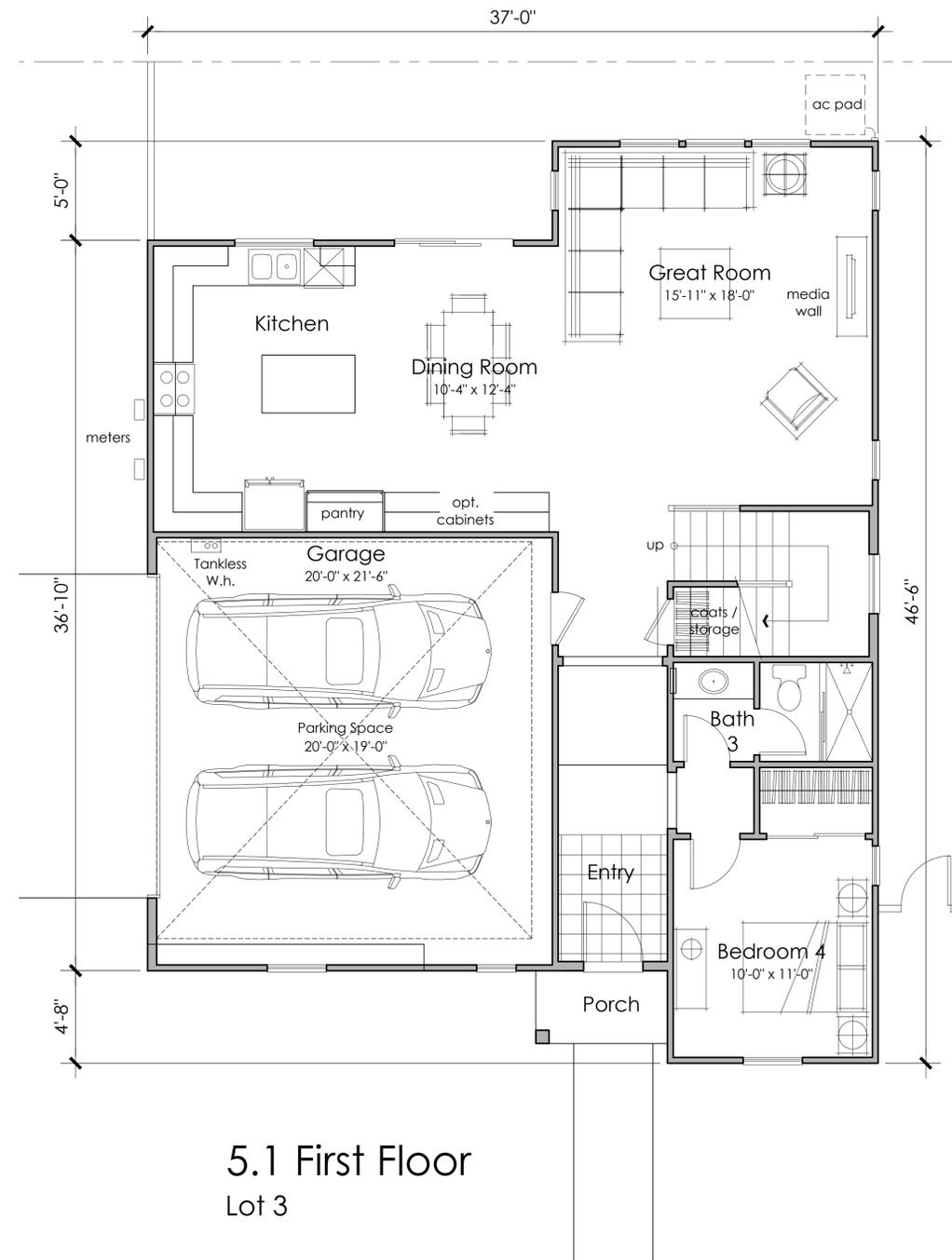
ELEVATION '5A'



**Second Floor**  
1,270 s.f.



**First Floor**  
1,048 s.f.



**5.1 First Floor**  
Lot 3

5 & 5.1 Floor Plan  
4 Bedrooms + Loft  
Opt. Bedroom 5  
3 Baths  
2,318 s.f.



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PLAN 5&5.1A FLOOR PLAN

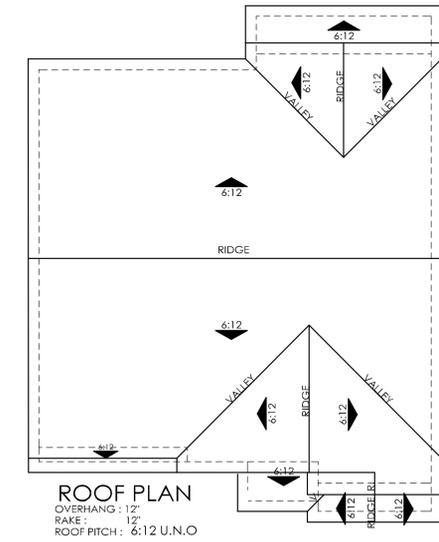
**A5.1**

- 5A  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Cementitious Siding  
 Shutters  
 Enhanced Sills



ELEVATION '5A'

Scale: 1/4" = 1'-0"  
 0 2 4 8



Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT

Scale: 1/8" = 1'-0"  
 0 4 8 16



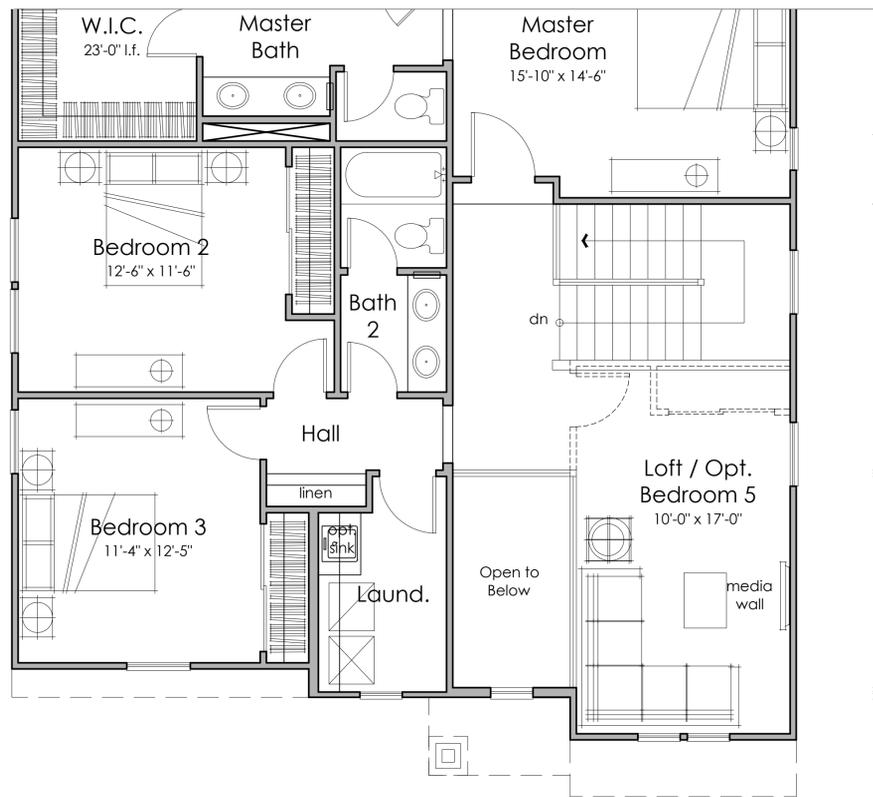
REAR

Scale: 1/8" = 1'-0"  
 0 4 8 16

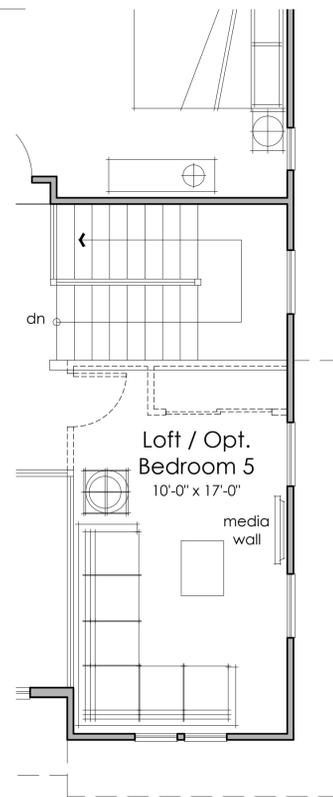


LEFT

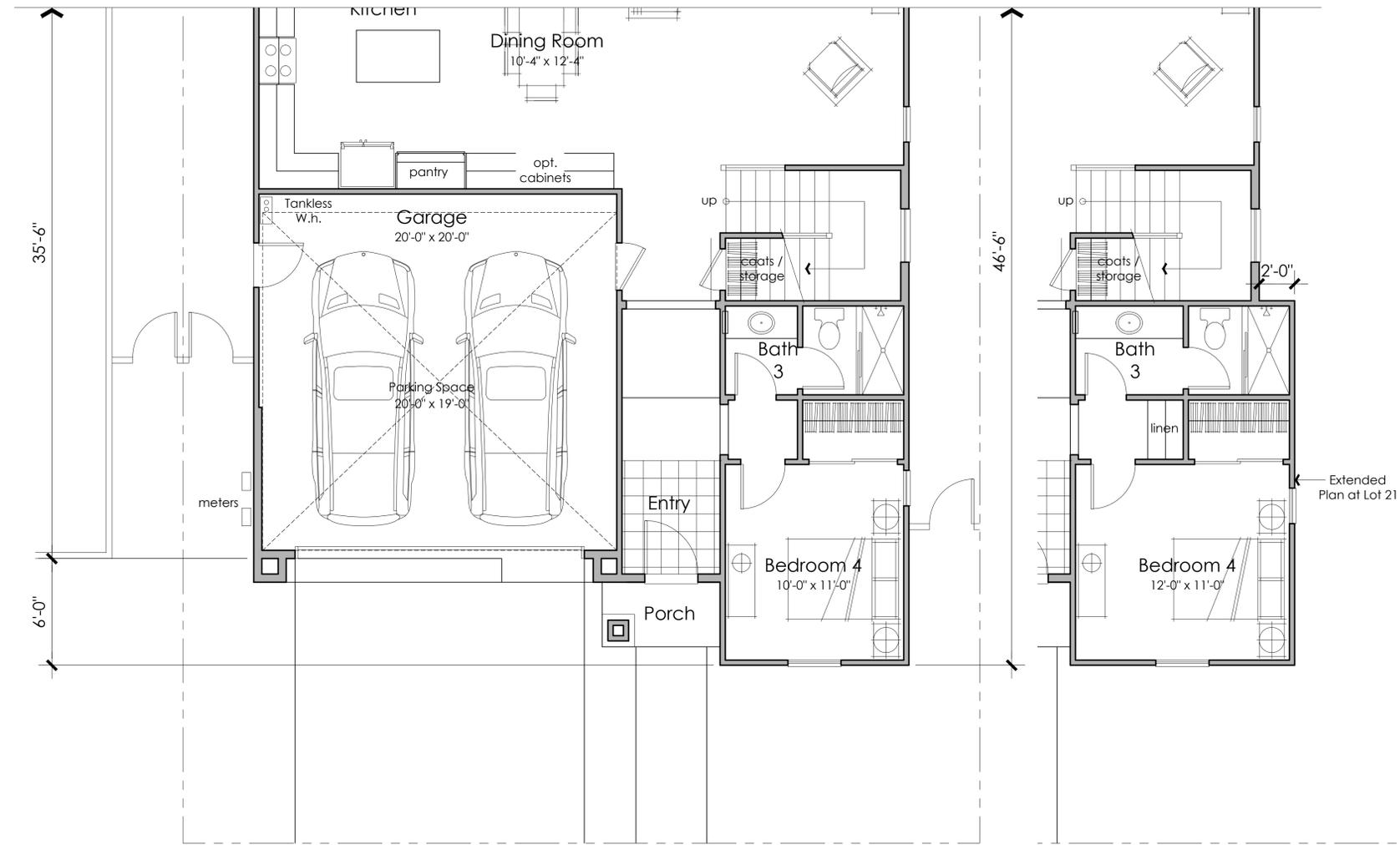
Scale: 1/8" = 1'-0"  
 0 4 8 16



Second Floor  
1,232 s.f.



Second Floor  
Lot 21



First Floor  
1,040 s.f.

First Floor  
Lot 21

Floor Plan  
4 Bedrooms + Loft  
Opt. Bedroom 5  
3 Baths  
2,272 s.f.



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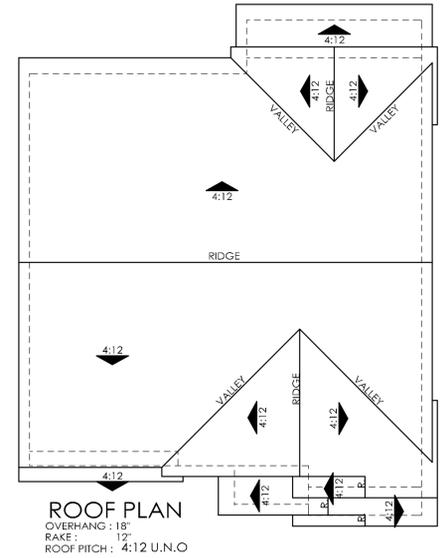
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PLAN 5B PLAN CHANGE

A5.3

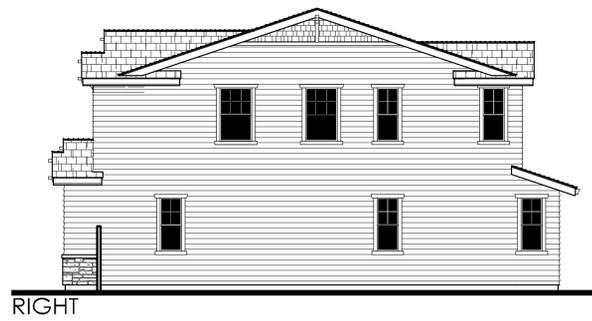
- 5B  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Cementitious Siding  
 Shutters  
 Stone Veneer  
 Enhanced Sills



ELEVATION '5B'

Scale: 1/4" = 1'-0"  
 0 2 4 8

Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT

Scale: 1/8" = 1'-0"  
 0 4 8 16



REAR

Scale: 1/8" = 1'-0"  
 0 4 8 16



LEFT

Scale: 1/8" = 1'-0"  
 0 4 8 16



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0 2 4 8

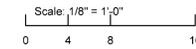
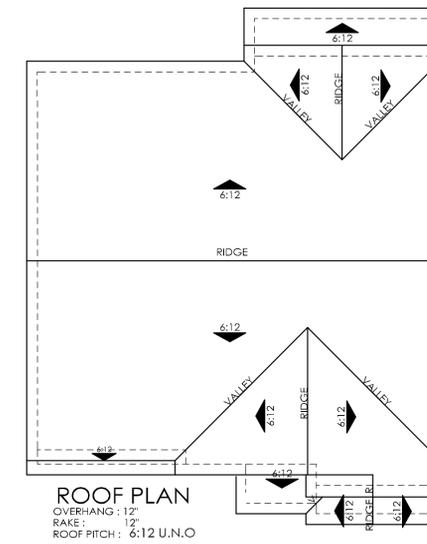
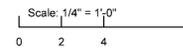
PLAN 5B EXTERIOR ELEVATIONS

A5.4

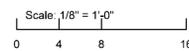
- 5A  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Stucco Finish  
 Cementitious Siding  
 Enhanced Sills



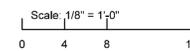
ELEVATION '5.1A' - LOT 3



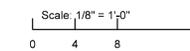
LEFT AT ALTERNATE GARAGE LOCATION - LOT 3



REAR



RIGHT



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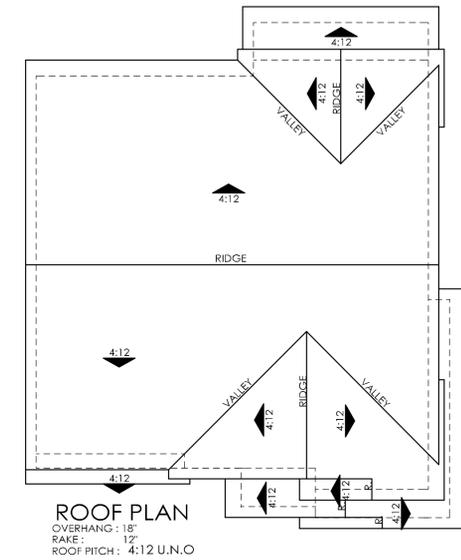
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 05-04-2018



5B  
 Material Legend:  
 Flat Concrete Tile Roofing (Alt. Arch. Grade Composition Shingle)  
 Stucco Finish  
 Cementitious Siding  
 Enhanced Sills



Optional Glass



Scale: 1/8" = 1'-0"  
 0 4 8 16

ELEVATION '5B'- LOT 21

Scale: 1/4" = 1'-0"  
 0 2 4 8



LEFT

Scale: 1/8" = 1'-0"  
 0 4 8 16



REAR

Scale: 1/8" = 1'-0"  
 0 4 8 16



RIGHT AT ENHANCED LOCATIONS

Scale: 1/8" = 1'-0"  
 0 4 8 16



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#2016-0385

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 05-04-2018

0 2 4 8

PLAN 5B EXTERIOR ELEVATIONS  
 LOT 21

A5.6

1

2

3

4

5

6

7

8

9

Asphalt Roofing Shingles



SHENANDOAH



OLD OVERTON



AGED BARK

Asphalt Roofing Shingles



CHESTNUT



MOUNTAIN TIMBER



PLATINUM

Asphalt Roofing Shingles



OLD OVERTON



MOIRE BLACK



MOUNTAIN TIMBER

Shingles (1A & 2A) Shingles (3A)



SW 7725 YEARLING



SW 2842 ROYCROFT SUEDE



SW 6159 HIGH TEA

Siding Body



SW 7540 ARTISAN TAN



SW 2861 AVOCADO



SW 7053 ADAPTIVE SHADE

Siding Body



SW 7660 EARL GREY



SW 7008 ALABASTER



SW 7574 ECHELON ECRU

Fascia/Eaves/Trim 1 /Rails Posts (1A,2A,4A, Lot 28) /Shingles (3A)



SW 2806 ROOKWOOD BROWN



SW 6145 THATCH BROWN



SW 2807 ROOKWOOD MED. BROWN

Fascia / Eaves / All Trim / Posts



SW 7004 SNOWBOUND



SW 7554 STEAMED MILK



SW 7555 PATIENCE

Fascia / Eaves / All Trim / Garage Door



SW 7036 ACCESSIBLE BEIGE



SW7006 EXTRA WHITE



SW 7005 PURE WHITE

Trim 2: Door & Window Trim (1A&2A)



SW 7506 LOGGIA



SW 6148 WOOL SKEIN



SW 7540 ARTISAN TAN

Garage Doors



SW 7531 CANVAS TAN



SW 6141 SOFTER TAN



SW 7550 RESORT TAN

Entry Door



SW 2837 AURORA BROWN



SW 7586 STOLEN KISS



SW 6074 SPALDING GRAY

Trim 2: Door & Window Trim (3A) Not Used



SW 6068 BREVITY BROWN



SW 7530 BARCELONA BEIGE



SW 6103 TEA CHEST

Entry Doors / Shutters



SW 7545 PIER



SW 7675 SEALSKIN



SW 6076 TURKISH COFFEE

Shutters (1C,2C,4C)



SW 2837 AURORA BROWN



SW 6991 BLACK MAGIC



SW 6074 SPALDING GRAY

Gable Siding Insets /Garage Door (3A) Siding (1A,2A,4A) Entry DR&Shutters (3A, Lot 28)



SW 6068 BREVITY BROWN

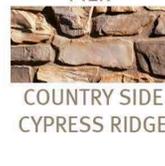


SW 2843 ROYCROFT BRASS



SW 2823 ROOKWOOD CLAY

Stone Veneer



COUNTRY SIDE CYPRESS RIDGE



MOONLIGHT ROUGH CUT



CLEARWATER RUSTIC LEDGESTONE

Gable Siding Insets (1C,2C) Shutters (3C)



SW 6041 OTTER



SW 6991 BLACK MAGIC



SW 2848 ROYCROFT PEWTER

Entry Door & Shutters (1A, 2A, 4A)



SW 7750 OLYMPIC RANGE



SW 7069 IRON ORE

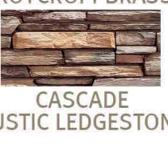


SW 2838 POLISHED MAHOGANY

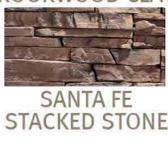
Fascia/Eaves/Trim Posts/ Rails (3A GD (1A,2A,4A)



BITTEROOT MTN. LEDGESTONE



CASCADE RUSTIC LEDGESTONE



SANTA FE STACKED STONE

Brick Veneer



HEBRON BOOTLEGGER



HEBRON LEO'S PUB



HEBRON BOURBON STREET

MANUFACTURERS: PAINT - SHERWIN WILLIAMS ROOFING - CERTAINTEED LANDMARK TL STONE VENEER - EL DORADO BRICK VENEER - HEBRON OR EQUAL.



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B STREET HAYWARD, CA # 2016-0385

SCHEMATIC DESIGN

COLOR & MATERIALS

A-C

**PRELIMINARY PROPOSED PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	SIZE	WIDTH / HEIGHT	WATER USE
<b>EXISTING TREE TO REMAIN</b> # XXX				
<b>EXISTING TREE TO BE REMOVED</b> #XXX				
<b>INTERIOR STREET TREE</b>				
ACER PLATANOIDES 'COLUMNAR'	NORWAY MAPLE	24/48"BOX	15' WIDE/35' HIGH	MEDIUM
<b>SPECIMEN TREE</b>				
QUERCUS AGRIFOLIA	COAST LIVE OAK	48/60"BOX	40' WIDE/60' HIGH	LOW
<b>TRAIL TREE</b>				
GEIJERA PARVIFLORA	AUSTRALIAN WILLOW	36" BOX	20' WIDE/30' HIGH	LOW
<b>B-STREET STREET TREE</b>				
PRUNUS 'KRAUTER VESUVIUS'	PURPLE-LEAF PLUM	48" BOX	15' WIDE/20' HIGH	LOW
<b>ACCENT TREE</b>				
LAGERSTROEMIA I. 'NATCHEZ'	WHITE CRAPE MYRTLE	24/36"BOX	12' WIDE/20' HIGH	LOW

**CONCEPTUAL LANDSCAPE STATEMENT**

REGIONAL AND MICRO-CLIMATE CONDITIONS, SOLAR ORIENTATION AND SOIL CONDITIONS WILL BE TAKEN INTO ACCOUNT WITH REGARDS TO PLANT SELECTION AND PLACEMENT. THE PLANT PALETTE PROVIDES MANY PLANTS WITH VARYING GROWTH HABITS, PREFERENCES AND TOLERANCES, SO SELECTION OF JUST THE RIGHT PLANT SHOULD NOT BE DIFFICULT. A HIGH PERCENTAGE OF PLANTS SELECTED WILL BE DROUGHT TOLERANT AND APPROPRIATE FOR THE CLIMATE. THIS PALETTE, ALONG WITH A DRIP IRRIGATION SYSTEM WILL CONSERVE WATER WITHIN THE PROJECT.

BY SPECIFYING PLANTS WHICH REQUIRE LITTLE TO NO PRUNING, THE GREEN WASTE WILL BE REDUCED. PLANTS SELECTED WILL COMPLEMENT THE ARCHITECTURE.

ENTRYWAYS AND PICTURE WINDOWS WILL BE FRAMED BY SPECIMEN SHRUBS AND NODES WILL HAVE ACCENT PLANTINGS. PLANT SPECIES WHICH ENHANCE THE ARCHITECTURAL ELEVATIONS SHALL BE USED. A DIVERSE USE OF PLANT SPECIES WILL DISPLAY VARIOUS TEXTURES, FORMS, FOLIAGE COLOR, AND FLOWERS; WILL CREATE A BEAUTIFUL LANDSCAPE TO CONTRIBUTE AESTHETICALLY TO THE SURROUNDING NEIGHBORHOODS.

THE TREES HAVE BEEN SELECTED TO HAVE NON-INVASIVE ROOT SYSTEMS, AND PLACED WITH ADEQUATE SETBACKS TO ENSURE NO CONFLICT WITH UTILITIES AND HARDSCAPE, OR CONFLICT WITH ANY SITE LINE DISTANCES. ROOT BARRIERS WILL BE INSTALLED ON ALL TREES NEAR PAVING AND UTILITIES. WHERE FEASIBLE, TREES HAVE BEEN PLACED TO MITIGATE SOLID BUILDING SURFACES AND FENCES. TALLER SHRUBS WILL ALSO BE LOCATED AT SOLID BUILDING SURFACES AND FENCES, WHILE LOWER SHRUBS WILL BE LOCATED WHERE GROUND LEVEL WINDOWS AND ARCHITECTURAL FEATURES OCCUR, AND AT CORNERS TO MAINTAIN SITE LINE DISTANCES.

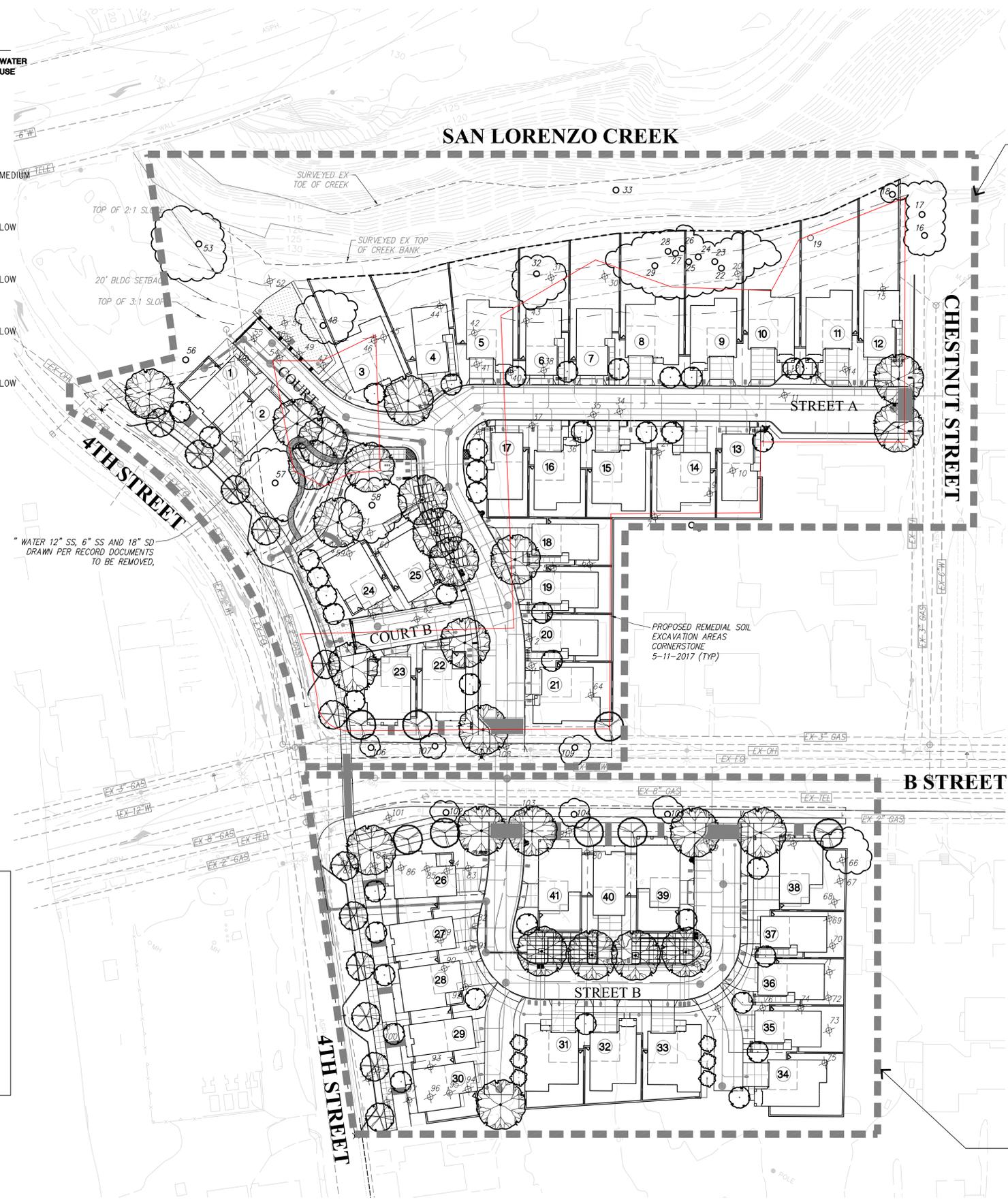
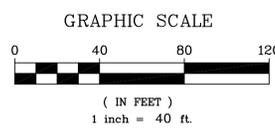
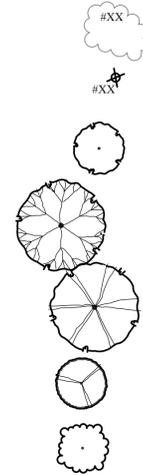
THE PROJECT FEATURES A TRAIL SYSTEM ALONG 4TH STREET THAT WILL INTEGRATE PLANTING AND HARDSCAPE MATERIALS TO ADD VISUAL INTEREST WHILE DRIVING ALONG THIS CORRIDOR AND WILL SEAMLESSLY TRANSITION THE PRIVATE FRONT YARD ENTRYWAYS WITH THE PUBLIC CORRIDOR.

THE IRRIGATION SYSTEM WILL USE WEATHER-BASED CONTROLLERS TO CONSERVE THE USE OF WATER. SPRAY IRRIGATION WILL ONLY OCCUR AT TURF AREAS, AND SPRAY HEADS WITH LOW PRECIPITATION RATES WILL BE USED TO MINIMIZE RUNOFF, EROSION AND OVERSPRAY. THE BALANCE OF THE PLANTING AREAS WILL BE IRRIGATED USING DRIP IRRIGATION METHODS. THE TREES WILL BE ON SEPARATE VALVES AND WILL BE IRRIGATED WITH BUBBLERS. SHRUBS WILL BE HYDROZONED ACCORDING TO THEIR WATER REQUIREMENTS AND MICROCLIMATES.

IT IS OUR INTENT TO SPECIFY IN THE LANDSCAPE CONSTRUCTION DOCUMENTS THE USE OF RECYCLED MATERIALS SUCH AS RECYCLED WOOD MULCH, INGREDIENTS WITHIN THE CONCRETE, FORMWORK, SITE FURNITURE, ETC. IT IS OUR INTENT TO STOCKPILE THE TOPSOIL FOR RE-USE, UNLESS SOIL TESTS DEEM THE SOIL INADEQUATE AND RECOMMEND IMPORTED SOIL. WE INTEND TO RECYCLE A MINIMUM OF 50% OF THE LANDSCAPE CONSTRUCTION AND GREEN WASTES.

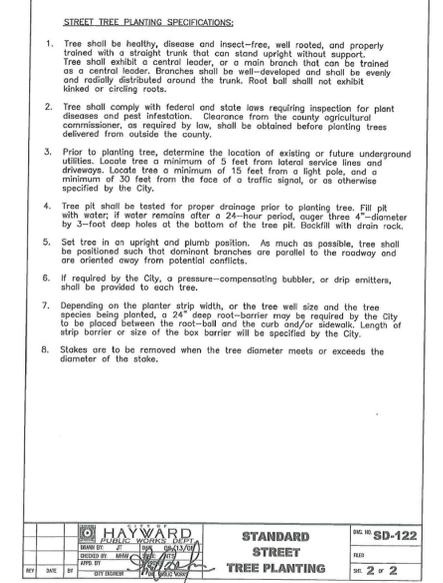
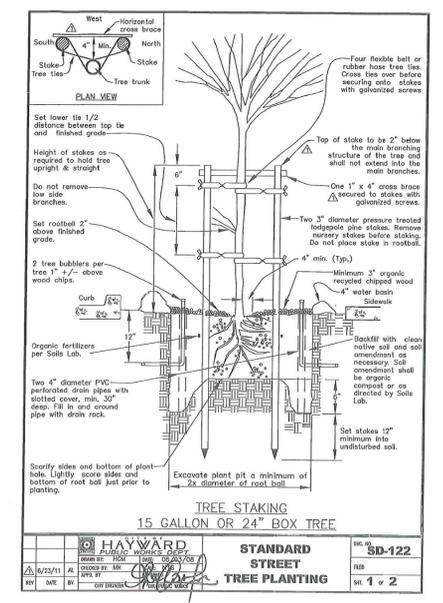
**GENERAL NOTES:**

1. ALL TREES SHALL BE PLANTED AND STAKED PER CITY DETAIL SD-122.
2. TREES BE PLANTED WITHIN 7" OF HARDSCAPE ELEMENTS, SHALL HAVE A LINEAR ROOT BARRIER INSTALLED ADJACENT TO THE HARDSCAPE ELEMENT AT TIME OF TREE PLANTING.
3. LANDSCAPE AND IRRIGATION SHALL COMPLY WITH CITY'S CURRENT WATER-EFFICIENT LANDSCAPE ORDINANCE AND BAY-FRIENDLY WATER EFFICIENT LANDSCAPE ORDINANCE.
4. ALL PLANTING AREAS SHALL BE AUTOMATICALLY IRRIGATED PER CITY STANDARDS. USING LOW-FLOW SPRAY, BUBBLERS OR DRIP METHODS.
5. ALL PLANTING AREAS SHALL BE MULCHED TO A MINIMUM DEPTH OF 3".

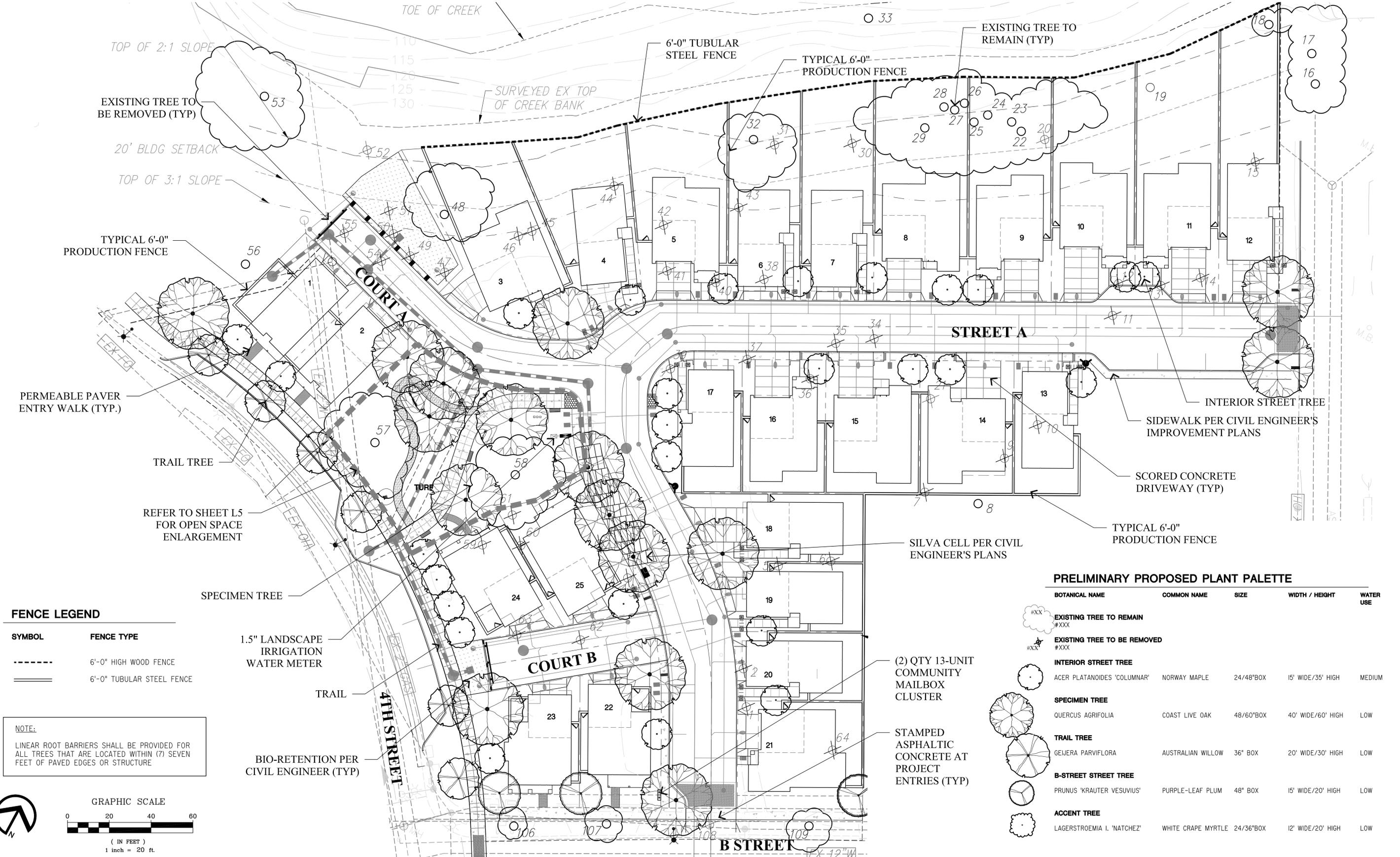


**NOTE:**  
SLOPES THAT EQUAL OR EXCEEDS 3:1 SLOPE SHALL RECEIVE EROSION CONTROL MATERIAL.

SEE ENLARGEMENT SHEET - L2



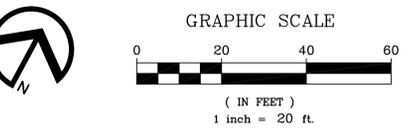
SEE ENLARGEMENT SHEET - L3



**FENCE LEGEND**

SYMBOL	FENCE TYPE
---	6'-0" HIGH WOOD FENCE
====	6'-0" TUBULAR STEEL FENCE

**NOTE:**  
 LINEAR ROOT BARRIERS SHALL BE PROVIDED FOR ALL TREES THAT ARE LOCATED WITHIN (7) SEVEN FEET OF PAVED EDGES OR STRUCTURE



**PRELIMINARY PROPOSED PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	SIZE	WIDTH / HEIGHT	WATER USE
#XX #XXX	EXISTING TREE TO REMAIN			
#XX #XXX	EXISTING TREE TO BE REMOVED			
	<b>INTERIOR STREET TREE</b>			
ACER PLATANOIDES 'COLUMNAR'	NORWAY MAPLE	24/48"BOX	15' WIDE/35' HIGH	MEDIUM
	<b>SPECIMEN TREE</b>			
QUERCUS AGRIFOLIA	COAST LIVE OAK	48/60"BOX	40' WIDE/60' HIGH	LOW
	<b>TRAIL TREE</b>			
GEUERA PARVIFLORA	AUSTRALIAN WILLOW	36" BOX	20' WIDE/30' HIGH	LOW
	<b>B-STREET STREET TREE</b>			
PRUNUS 'KRAUTER VESUVIUS'	PURPLE-LEAF PLUM	48" BOX	15' WIDE/20' HIGH	LOW
	<b>ACCENT TREE</b>			
LAGERSTROEMIA I. 'NATCHEZ'	WHITE CRAPE MYRTLE	24/36"BOX	12' WIDE/20' HIGH	LOW

**RIPLEY DESIGN GROUP**  
 LANDSCAPE ARCHITECTURE  
 LAND PLANNING  
 1615 BONANZA STREET  
 SUITE 314  
 WALNUT CREEK, CA 94596  
 TEL: 925.938.7377  
 www.ripleydesign.com

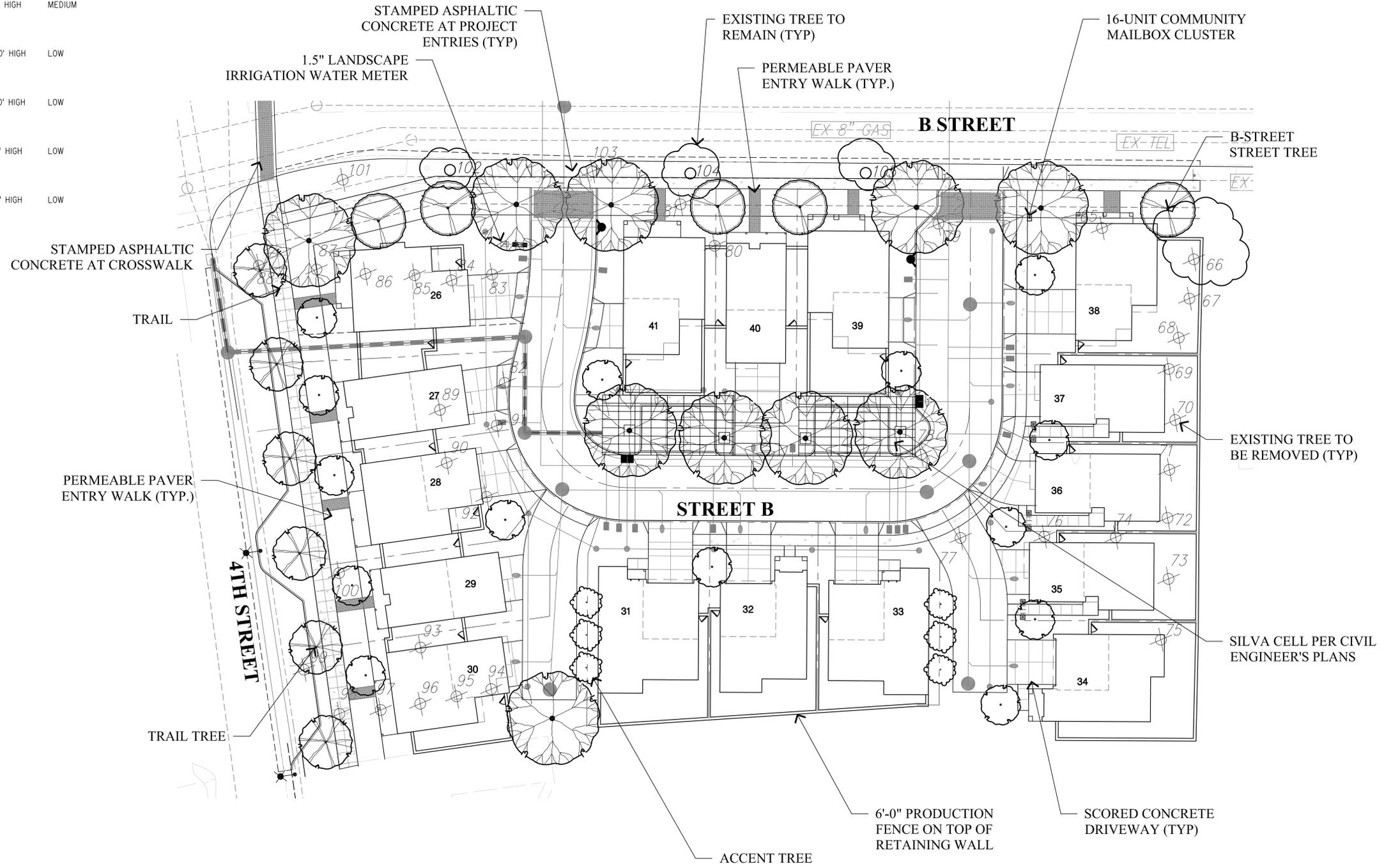
**Dutra Enterprises**  
 43360 Mission Blvd  
 Suite #230  
 Fremont, CA 94539  
 Tel. (510) 353-9984

**B. Street  
 Hayward, CA**  
 May 10, 2018

# Preliminary Landscape Site Enlargement Plan

**PRELIMINARY PROPOSED PLANT PALETTE**

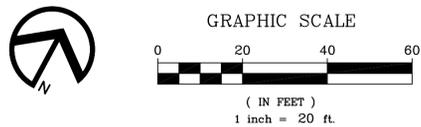
BOTANICAL NAME	COMMON NAME	SIZE	WIDTH / HEIGHT	WATER USE
 <b>EXISTING TREE TO REMAIN</b> #XXX				
 <b>EXISTING TREE TO BE REMOVED</b> #XXX				
 <b>INTERIOR STREET TREE</b>				
ACER PLATANOIDES 'COLUMNAR'	NORWAY MAPLE	24/48"BOX	15' WIDE/35' HIGH	MEDIUM
 <b>SPECIMEN TREE</b>				
QUERCUS AGRIFOLIA	COAST LIVE OAK	48/60"BOX	40' WIDE/60' HIGH	LOW
 <b>TRAIL TREE</b>				
GEIJERA PARVIFLORA	AUSTRALIAN WILLOW	36" BOX	20' WIDE/30' HIGH	LOW
 <b>B-STREET STREET TREE</b>				
PRUNUS 'KRAUTER VESUVIUS'	PURPLE-LEAF PLUM	48" BOX	15' WIDE/20' HIGH	LOW
 <b>ACCENT TREE</b>				
LAGERSTROEMIA I. 'NATCHEZ'	WHITE CRAPE MYRTLE	24/36"BOX	12' WIDE/20' HIGH	LOW



**FENCE LEGEND**

SYMBOL	FENCE TYPE
	6'-0" HIGH WOOD FENCE
	6'-0" TUBULAR STEEL FENCE

**NOTE:**  
LINEAR ROOT BARRIERS SHALL BE PROVIDED FOR ALL TREES THAT ARE LOCATED WITHIN (7) SEVEN FEET OF PAVED EDGES OR STRUCTURE

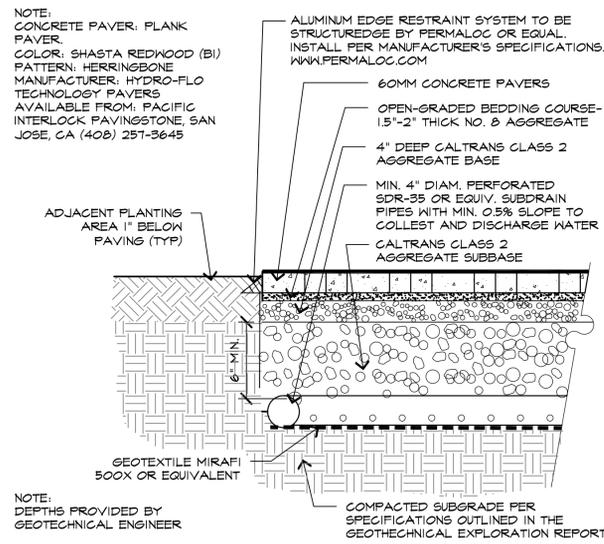


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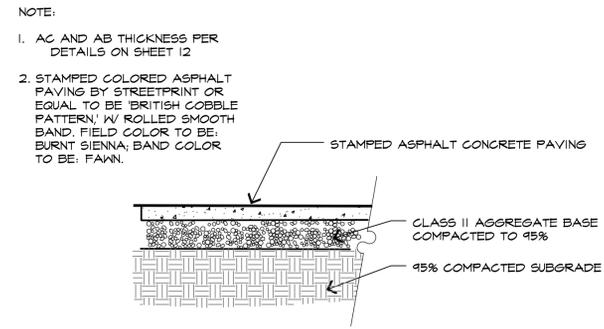
**Dutra Enterprises**  
43360 Mission Blvd  
Suite #230  
Fremont, CA 94539  
Tel. (510) 353-9984

**B. Street  
Hayward, CA**  
May 10, 2018

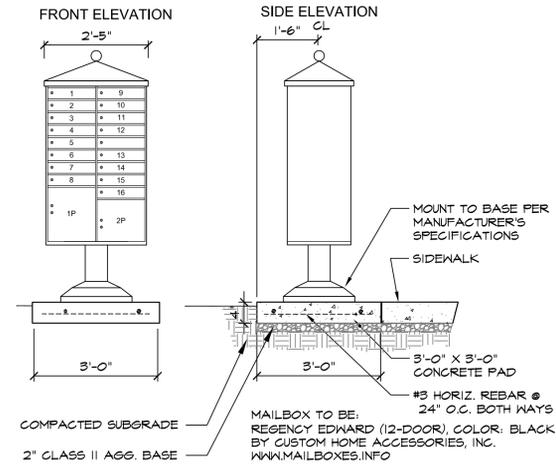
**Preliminary Landscape  
Site Enlargement Plan**



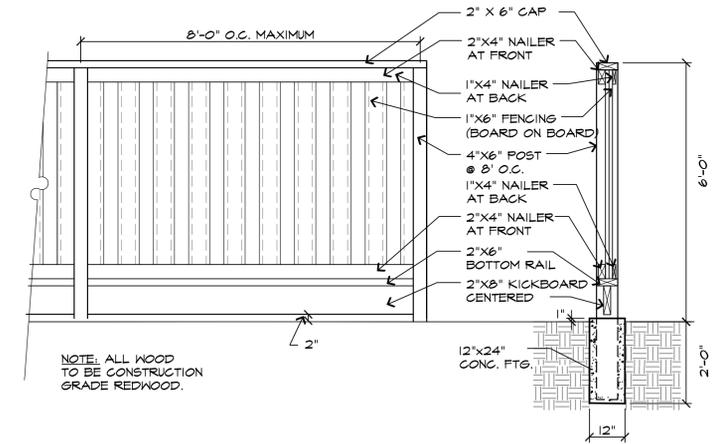
**PERMEABLE PEDESTRIAN WALK** SCALE: 3/4"=1'-0"  
026 - P.H.P./C.M.



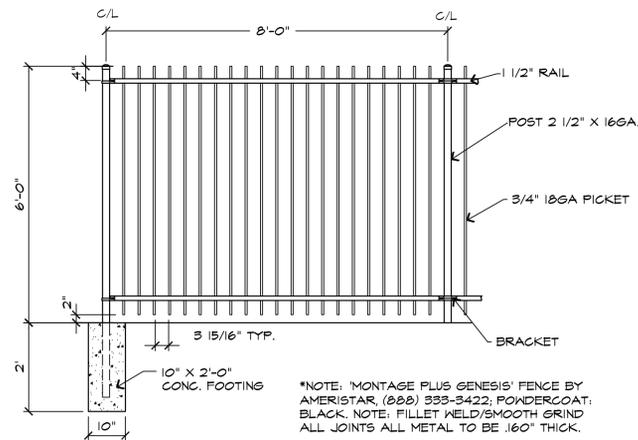
**STAMPED ASPHALT PAVING** SCALE: 1/2"=1'-0"  
024 - P.H.P./C.M.



**COMMUNITY MAILBOXES**



**WOOD FENCE W/KICKBOARD** SCALE: 1/2"=1'-0"  
024 - F.H.P./R



**TUBULAR STEEL FENCE** SCALE: 1/2"=1'-0"  
024 - F.H.P./R

**Bushman** BUSHMAN PART NUMBER  
CRB50

**Bushman** BUSHMAN PART NUMBER  
CRB50

**TOP VIEW**  
LID Material: HDPE  
Diameter: 24"

**SIDE VIEW**  
BARREL Material: HDPE  
OVERFLOW Height: 31" / 150"  
SPIGOT Thread: Male Thread Height: 12" / 0"  
DRAIN Thread: Male Thread Height: 2" / 0"

**OVERVIEW**  
53" Truck Load  
Quantity = 642

**FEATURES**  
www.bushmanusa.com

**OVERVIEW**  
1 Channel Rain Barrel  
CRB  
2 Capacity  
50 U.S. Gallons (42 Imperial Gallons, 189 Liters)  
3 Color  
C0 - Charcoal  
4 Package  
P2 - Connection kit included

**COLORS**  
CHARCOAL  
- Actual colors may vary from the example shown above.

**CONTACT**  
Corporate Headquarters  
26049 Tree Road, P.O. Box 893051  
Temecula, California 92589-3051  
866.920.8265 (pt)  
951.296.6133 (ft)  
www.bushmanusa.com

Canada  
6185 Sunken Road, Unit 3-5  
Mississauga, Ontario L5T1X3  
800.387.8332 (pt)  
905.565.8282 (ft)

Rev. 2.22.16

**RAIN BARREL** NO SCALE  
024 - F.H.P./R

# PRELIMINARY PROPOSED OPEN SPACE PLANT PALETTE

SYMBOL	BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	WATER USE	SPACING (ON CENTER)	SIZE AT MATURITY (HEIGHT X WIDTH)
<b>TREES</b>						
QUE AGR	QUERCUS AGRIFOLIA	COAST LIVE OAK	60" BOX	LOW	SEE PLAN	60' X 40'
<b>SHRUBS</b>						
ACA 'C.I.'	ACACIA COGNATA 'COUSIN IT'	RIVER WATTLE	5 GALLON	LOW	4' O.C.	2'-3' X 4'-6'
AGA ATT	AGAVE ATTENUATA	FOX TAIL AGAVE	5 GALLON	LOW	4' O.C.	4'-5' X 6'-8'
ARC 'H.M.'	ARCTOSTAPHYLOS 'HOWARD MCMINN'	MANZANITA	5 GALLON	LOW	4.5' O.C.	6'-10' X 6'-12'
CIS HYB	CISTUS HYBRIDUS	ROCKROSE	5 GALLON	LOW	4' O.C.	2' X 6'-8'
ER KAR	ERIGERON KARVINSKIANS	SANTA BARBARA DAISY	1 GALLON	LOW	2.5' O.C.	1' X 3'
LAN MON	LANTANA MONTEVIDENSIS	TRAILING LANTANA	1 GALLON	LOW	4' O.C.	2' X 6'
LEO LEO	LEONOTIS LEONURUS	LIONS' TAIL	5 GALLON	LOW	4' O.C.	5'-6' X 4'-5'
OLE 'L.O.'	OLEA E. 'LITTLE OLLIE'	DWARF OLIVE	5 GALLON	LOW	4' O.C.	6'-8' X 4'-5'
ROS RUG	ROSA REGUSA	REGUSA ROSE	5 GALLON	LOW	3.5' O.C.	3'-6' X 3'-6'
ROS 'C.I.'	ROSMARINUS O. 'COLLINGWOOD INGRAM'	ROSEMARY	1 GALLON	LOW	3' O.C.	2'-3' X 4'
SAL 'L.L.'	SALVIA 'LIME LIGHT'	LIME LIGHT SAGE	1 GALLON	LOW	2.5' O.C.	4'-6' X 2'-3'
SAN CHA	SANTOLINA CHAMAECYPARISSUS	LAVENDER COTTON	1 GALLON	LOW	2.5' O.C.	2' X 3'

GROUNDCOVERS			
	NATIVE WILDFLOWERS & GRASSES HYDROSEEDED MIX:	NATIVE WILDFLOWERS	LOW
0.75 LBS.	ACHILLEA MILFOLIUM - NATIVE WHITE YARROW		
5.00 LBS.	DESCHAMPSIA CAESPITOSA 'HOLDFORMS' - TUFTED HARRGRASS		
1.00 LBS.	ESCHSCHOLZIA CALIFORNIA MARTINA - NATIVE POPPY		
15.0 LBS.	FESTUCA DAHENSIS - NATIVE DANIE FESCUE 'MT. TAM'		
15.0 LBS.	FESTUCA OCCIDENTALIS - WESTERN FESCUE WICKELIUM		
7.0 LBS.	FESTUCA RUBRA MOLATA - WOLATE RED FESCUE		
2.50 LBS.	LUPINUS NANUS - SKY LUPINE		
46.75 LBS./ACRE			

NOTE: PLANT MATERIAL WATER USE VERIFIED WITH ONLINE MUCOLS LANDSCAPE WATER-USE PLANNING TOOL. WWW.WATERWONK.US. PLANT SPREADS HAVE BEEN CROSSED REFERENCED TO THE BOOKS LISTED IN THE CITY OF HAYWARD BAY-FRIENDLY WATER EFFICIENT LANDSCAPE ORDINANCE SEC.10-12.05(B)(2) AND LOCAL PLANT NURSERIES.

### 8' BALANCE BEAM

**Xccent Fitness Features**

- 100% Durable, Engineered, and Manufactured in USA
- Fully Assembled
- No Post/Power/Cable/Pins, Entanglements, or Protrusions
- Patented Anti-Design - Patent No. D-685,933
- Steel Components Made Using an Average Recycled Steel Content of 25%
- Textured Vinyl Handles and Feet Pads for Improved Grip - Unique to Xccent Fitness Products

**Material Specifications**

- Handles: 100% polypropylene resin composite material coated steel feet conforms to ANSI A325.1 (1/2" diameter steel) and has a ground 100ksi steel feet (conformant material coated steel). Manufactured in USA by Xccent Fitness.
- PCV Coating (Poly Vinyl Chloride): Equipment shall have coating thickness of 0.001" (100% wet weight) applied to both sides of each part. The PVC physical properties shall have no less than:
- Tensile strength of 150 psi (100 psi per ASTM A12)
- Elongation at Break of 10% (5% elongation, Show All per ASTM D242)
- PCV formulated to withstand the requirements of outdoor UV exposure.

**Number of Users: 2**

**Minimum Concrete Pad:** 9'7" x 2'7" x 8" (Surface must)

**Product Dimensions:** 8'0" x 12'0" x 12'0" or (270cm x 370cm x 370cm)

**Warranty:**

- 100% per warranty on outdoor steel frames, steel cables, pins, and steel
- 13 year warranty on all steel components (except 100 year parts, steel cables, bars, nuts, washers, and rollers)
- 3 year warranty on all weather PVC handles, feet pads, ropes, and gloves
- 3 year warranty on mounting posts

### DOUBLE HIP TWIST

**Xccent Fitness Features**

- 100% Durable, Engineered, and Manufactured in USA
- Fully Assembled
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- Elongation at Break of 10% (5% elongation, Show All per ASTM D242)
- PCV formulated to withstand the requirements of outdoor UV exposure.

**Number of Users: 2**

**Minimum Concrete Pad:** 9'7" x 2'7" x 8" (Surface must)

**Product Dimensions:** 10'0" x 12'0" x 12'0" or (305cm x 370cm x 370cm)

**Warranty:**

- 100% per warranty on outdoor steel frames, steel cables, pins, and steel
- 13 year warranty on all steel components (except 100 year parts, steel cables, bars, nuts, washers, and rollers)
- 3 year warranty on all weather PVC handles, feet pads, ropes, and gloves
- 3 year warranty on mounting posts

### PLYOMETRIC BOXES

**Xccent Fitness Features**

- 100% Durable, Engineered, and Manufactured in USA
- Fully Assembled
- No Post/Power/Cable/Pins, Entanglements, or Protrusions
- Patented Anti-Design - Patent No. D-685,933
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- Elongation at Break of 10% (5% elongation, Show All per ASTM D242)
- PCV formulated to withstand the requirements of outdoor UV exposure.

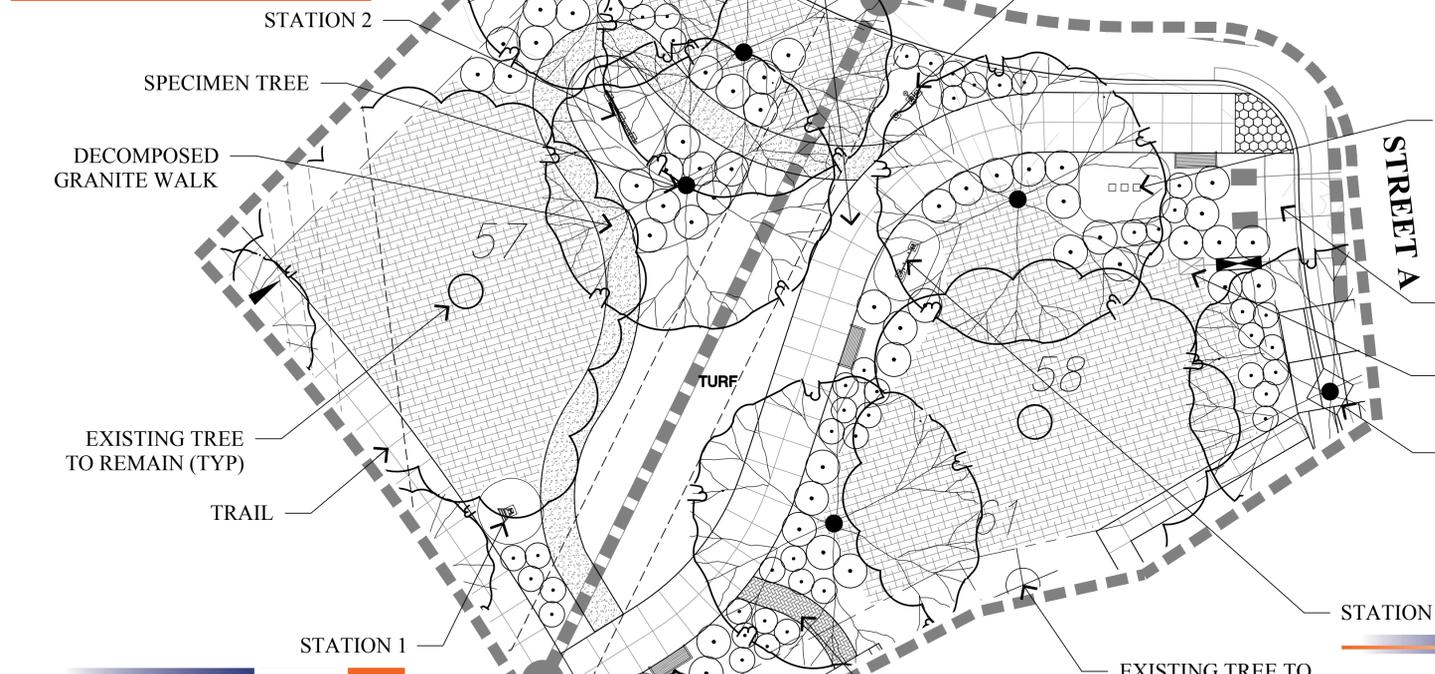
**Number of Users: 2**

**Minimum Concrete Pad:** 9'7" x 2'7" x 8" (Surface must)

**Product Dimensions:** 12'0" x 12'0" x 12'0" or (365cm x 365cm x 365cm)

**Warranty:**

- 100% per warranty on outdoor steel frames, steel cables, pins, and steel
- 13 year warranty on all steel components (except 100 year parts, steel cables, bars, nuts, washers, and rollers)
- 3 year warranty on all weather PVC handles, feet pads, ropes, and gloves
- 3 year warranty on mounting posts



### PULL UP DIP COMBO

**Xccent Fitness Features**

- 100% Durable, Engineered, and Manufactured in USA
- Fully Assembled
- No Post/Power/Cable/Pins, Entanglements, or Protrusions
- Patented Anti-Design - Patent No. D-685,933
- Steel Components Made Using an Average Recycled Steel Content of 25%
- Textured Vinyl Handles and Feet Pads for Improved Grip - Unique to Xccent Fitness Products

**Material Specifications**

- Handles: 100% polypropylene resin composite material coated steel feet conforms to ANSI A325.1 (1/2" diameter steel) and has a ground 100ksi steel feet (conformant material coated steel). Manufactured in USA by Xccent Fitness.
- PCV Coating (Poly Vinyl Chloride): Equipment shall have coating thickness of 0.001" (100% wet weight) applied to both sides of each part. The PVC physical properties shall have no less than:
- Tensile strength of 150 psi (100 psi per ASTM A12)
- Elongation at Break of 10% (5% elongation, Show All per ASTM D242)
- PCV formulated to withstand the requirements of outdoor UV exposure.

**Number of Users: 2**

**Minimum Concrete Pad:** 9'7" x 2'7" x 8" (Surface must)

**Product Dimensions:** 10'0" x 12'0" x 12'0" or (305cm x 370cm x 370cm)

**Warranty:**

- 100% per warranty on outdoor steel frames, steel cables, pins, and steel
- 13 year warranty on all steel components (except 100 year parts, steel cables, bars, nuts, washers, and rollers)
- 3 year warranty on all weather PVC handles, feet pads, ropes, and gloves
- 3 year warranty on mounting posts

### DOUBLE STRETCH

**Xccent Fitness Features**

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- Fully Assembled
- No Post/Power/Cable/Pins, Entanglements, or Protrusions
- Patented Anti-Design - Patent No. D-685,933
- Steel Components Made Using an Average Recycled Steel Content of 25%
- Textured Vinyl Handles and Feet Pads for Improved Grip - Unique to Xccent Fitness Products

**Material Specifications**

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**Number of Users: 2**

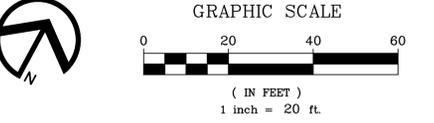
**Minimum Concrete Pad:** 9'7" x 2'7" x 8" (Surface must)

**Product Dimensions:** 10'0" x 12'0" x 12'0" or (305cm x 370cm x 370cm)

**Warranty:**

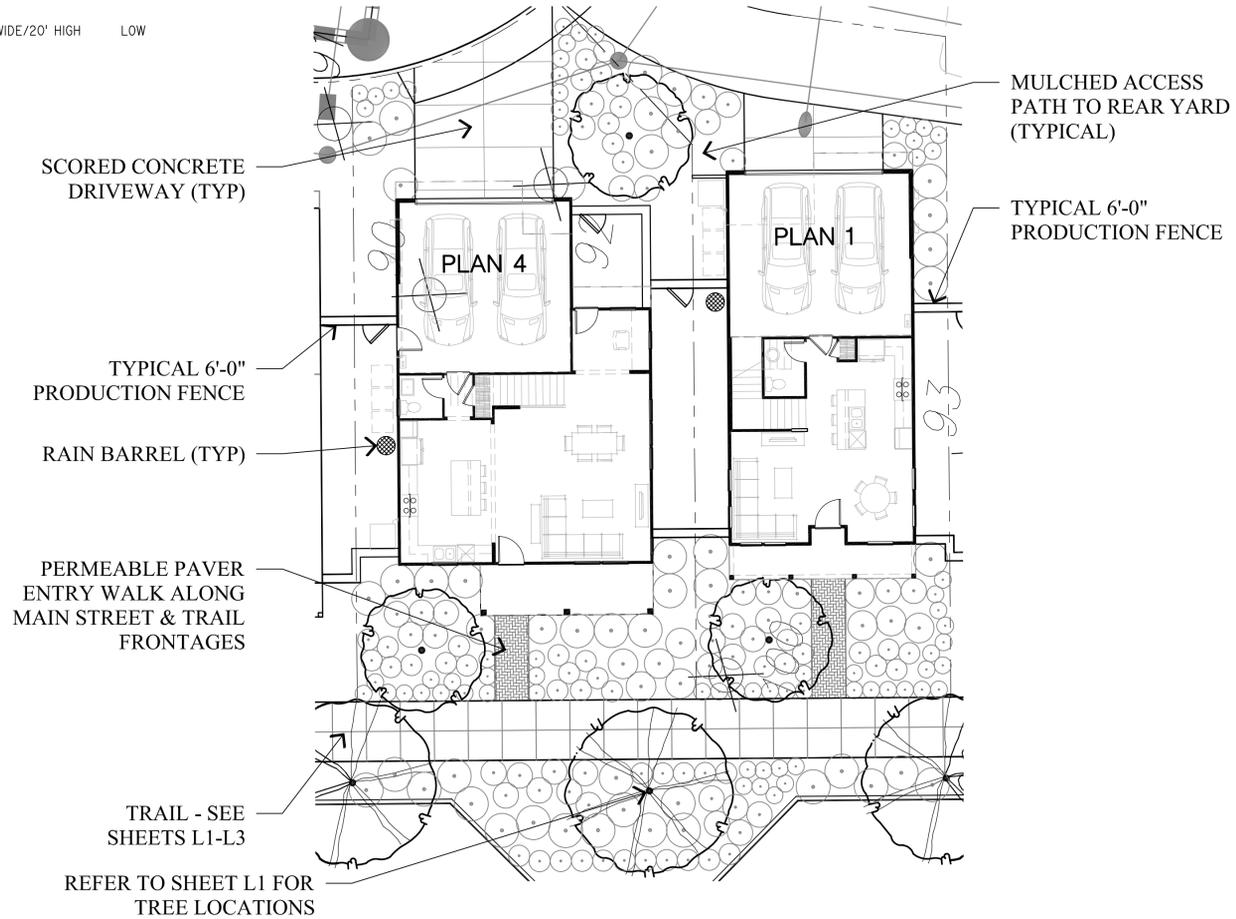
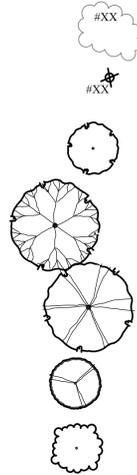
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- 3 year warranty on mounting posts

NOTE:  
LINEAR ROOT BARRIERS SHALL BE PROVIDED FOR ALL TREES THAT ARE LOCATED WITHIN (7) SEVEN FEET OF PAVED EDGES OR STRUCTURE



**PRELIMINARY PROPOSED PLANT PALETTE**

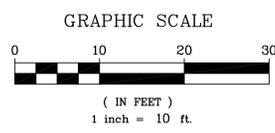
BOTANICAL NAME	COMMON NAME	SIZE	WIDTH / HEIGHT	WATER USE
<b>EXISTING TREE TO REMAIN</b> #XXX				
<b>EXISTING TREE TO BE REMOVED</b> #XXX				
<b>INTERIOR STREET TREE</b>				
ACER PLATANOIDES 'COLUMNAR'	NORWAY MAPLE	24/48"BOX	15' WIDE/35' HIGH	MEDIUM
<b>SPECIMEN TREE</b>				
QUERCUS AGRIFOLIA	COAST LIVE OAK	48/60"BOX	40' WIDE/60' HIGH	LOW
<b>TRAIL TREE</b>				
GEIJERA PARVIFLORA	AUSTRALIAN WILLOW	36" BOX	20' WIDE/30' HIGH	LOW
<b>B-STREET STREET TREE</b>				
PRUNUS 'KRAUTER VESUVIUS'	PURPLE-LEAF PLUM	48" BOX	15' WIDE/20' HIGH	LOW
<b>ACCENT TREE</b>				
LAGERSTROEMIA I. 'NATCHEZ'	WHITE CRAPE MYRTLE	24/36"BOX	12' WIDE/20' HIGH	LOW



**PRELIMINARY PROPOSED PLANT PALETTE**

SYMBOL	BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	WATER USE	SPACING (ON CENTER)	SIZE AT MATURITY (HEIGHT X WIDTH)
<b>SHRUBS</b>						
ACA 'C.I.'	ACACIA COGNATA 'COUSIN IT'	RIVER WATTLE	5 GALLON	LOW	4' 0.C	2'-3' X 4'-6'
AGA ATT	AGAVE ATTENUATA	FOX TAIL AGAVE	5 GALLON	LOW	4' 0.C	4'-5' X 6'-8'
ALO POL	ALOE POLYPHYLLA	SPHAL ALOE	1 GALLON	LOW	1.5' 0.C	1' X 2'
ANI 'B.T'	ANIGAZANTHOS 'BUSH TANGO'	KANGAROO PAW	1 GALLON	LOW	2' 0.C	2'-3' X 2'-3'
ARB COM	ARBUTUS U. 'COMPACTA'	COMPACT STRAWBERRY TREE	5 GALLON	LOW	4.5' 0.C	6'-8' X 5'-6'
ARC 'H.M.'	ARCTOSTAPHYLOS 'HOWARD MCMINN'	MANZANITA	5 GALLON	LOW	4.5' 0.C	6'-10' X 6'-12'
BOU 'B.A'	BOUTELOUA T. 'BLONDE AMBITION'	BLUE GAMMA GRASS	1 GALLON	LOW	2' 0.C	2'-3' X 2'-3'
BUD 'DAV'	BUDDLEJA DAVIDII	BUTTERFLY BUSH	5 GALLON	LOW	3.5' 0.C	6'-8' X 4'-6'
CAR TUM	CAREX 'TUMULICOLA'	BERKELEY SEDGE	1 GALLON	LOW	1.5' 0.C	1'-2' X 1'-2'
CHO TEC	CHONDRPETALUM TECTORUM	CAPE RUSH	5 GALLON	LOW	3' 0.C	2'-3' X 3'-4'
CIS HYB	CISTUS HYBRIDUS	ROCKROSE	5 GALLON	LOW	4' 0.C	2' X 6'-8'
DIE BIC	DIETES BICOLOR	FORTNIGHT LILY	1 GALLON	LOW	3' 0.C	3'-4' X 3'-4'
DIE IRI	DIETES IRIDIODES	FORTNIGHT LILY	1 GALLON	LOW	3' 0.C	3'-4' X 3'-4'
ERI KAR	ERIGERON KARVINSKIANUS	SANTA BARBARA DAISY	1 GALLON	LOW	2.5' 0.C	1' X 3'
EUO 'G.S.'	EUONYMUS J. 'GREEN SPIRE'	GREEN SPIRE EUONYMUS	5 GALLON	LOW	1.5' 0.C	6' X 1'-2'
EUR 'MUN'	EURYOPS P. 'MUNCHKIN'	DWARF EURYOPS	1 GALLON	LOW	3' 0.C	3' X 4'
FES GLA	FESTUCA GLAUCA	BLUE FESCUE	1 GALLON	LOW	1' 0.C	1' X 1'
FES MAR	FESTUCA MAIREI	MAIRE'S FESCUE	1 GALLON	LOW	2' 0.C	2'-3' X 2'-3'
GRE 'NOE'	GREVILLEA 'NOELLI'	WOOLY GREVILLEA	5 GALLON	LOW	3.5' 0.C	4' X 4'-5'
GAU LIN	GAURA LINDHEIMERI	WHITE GAURA	1 GALLON	LOW	2' 0.C	2'-4' X 2'-3'
HEL SEM	HELICTOTRICHON SEMPERVIRENS	BLUE OAT GRASS	1 GALLON	LOW	2' 0.C	2'-3' X 2'-3'
KNI UVIA	KNIPHOFIA UVARIA	RED HOT POKER	1 GALLON	LOW	3' 0.C	3'-4' X 3'-4'
LAN MON	LANTANA MONTEVIDENSIS	TRAILING LANTANA	1 GALLON	LOW	4' 0.C	2' X 6'
LAV 'MUN'	LAVANDULA A. 'MUNSTEAD'	ENGLISH LAVANDER	1 GALLON	LOW	1' 0.C	1'-2' X 1'-2'
LAV 'O.O'	LAVANDULA S. 'OTTO OUAST'	SPANISH LAVANDER	1 GALLON	LOW	2' 0.C	2'-3' X 2'-3'
LEO LEO	LEONOTIS LEONURUS	LIONS' TAIL	5 GALLON	LOW	4' 0.C	5'-6' X 4'-5'
MUH RIG	MUHLENBERGIA RIGENS	DEER GRASS	5 GALLON	LOW	4' 0.C	4'-5' X 4'-6'
MYR CO	MYRTUS COMMUNIS	TRUE MYRTLE	5 GALLON	LOW	4' 0.C	8'-12' X 8'-12'
MYR 'COM'	MYRTUS C. 'COMPACTA'	DWARF MYRTLE	5 GALLON	LOW	2.5' 0.C	2'-4' X 2'-4'
NAS PUL	NASELLA PULCHRA	PURPLE NEEDLE GRASS	1 GALLON	LOW	2' 0.C	3' X 2'-3'
NEP FAA	NEPETA FAASSENII	CATMINT	1 GALLON	LOW	2.5' 0.C	1'-2' X 3'-4'
OLE 'L.O.'	OLEA E. 'LITTLE OLLIE'	DWARF OLIVE	5 GALLON	LOW	4' 0.C	6'-8' X 4'-5'
PEN 'HAM'	PENNISETUM 'HAMELN'	DWARF FOUNTAIN GRASS	1 GALLON	LOW	2' 0.C	2'-3' X 2'-3'
PHO 'C.D.'	PHORMIUM 'CREAM DELIGHT'	NEW ZEALAND FLAX	5 GALLON	LOW	4' 0.C	2'-3' X 4'-6'
PHO 'D.D.'	PHORMIUM 'DARK DELIGHT'	NEW ZEALAND FLAX	5 GALLON	LOW	3' 0.C	3'-4' X 3'-5'
PHO 'J.S.'	PHORMIUM 'JACK SPRATT'	NEW ZEALAND FLAX	1 GALLON	LOW	1.5' 0.C	1'-2' X 1'-2'
PHO 'M.M.'	PHORMIUM T. 'MAORI MAIDEN'	NEW ZEALAND FLAX	5 GALLON	LOW	2.5' 0.C	2'-3' X 2'-3'
PHO 'T.T.'	PHORMIUM 'TOM THUMB'	NEW ZEALAND FLAX	1 GALLON	LOW	1.5' 0.C	2' X 2'
PHO 'Y.W.'	PHORMIUM 'YELLOW WAVE'	NEW ZEALAND FLAX	5 GALLON	LOW	3' 0.C	3'-4' X 3'-4'
ROS RUG	ROSA REGUSA	REGUSA ROSE	5 GALLON	LOW	3.5' 0.C	3'-6' X 3'-6'
ROS 'C.I.'	ROSMARINUS O. 'COLLINGWOOD INGRAM'	ROSEMARY	1 GALLON	LOW	3' 0.C	2'-3' X 4'
SAL 'L.L.'	SALVIA 'LIME LIGHT'	LIME LIGHT SAGE	1 GALLON	LOW	2.5' 0.C	4'-6' X 2'-3'
SAN CHA	SANTOLINA CHAMAECYPARISSUS	LAVENDER COTTON	1 GALLON	LOW	2.5' 0.C	2' X 3'
SOL HET	SOLLYA HETEROPHYLLA	BLUEBELL CREEPER	1 GALLON	LOW	3.5' 0.C	3'-5' X 3'-5'
STA BYZ	STACHYS BYZANTINA	LAMB'S EAR	1 GALLON	LOW	1' 0.C	1'-2' X 1'-2'
TUL VIO	TULBAGHIA VIOLACEA	SOCIETY GARLIC	1 GALLON	LOW	1' 0.C	1'-2' X 1'-2'
<b>SHRUBS - C3 PLANTERS</b>						
BUD 'DAV'	BUDDLEJA DAVIDII	BUTTERFLY BUSH	5 GALLON	LOW	3.5' 0.C	6'-8' X 4'-6'
JUN PAT	JUNCUS PATENS	CALIFORNIA RUSH	1 GALLON	LOW	2.5' 0.C	2'-3' X 2'-3'
MIM AUR	MIMULUS AURANTIACUS	MONKEY FLOWER	1 GALLON	LOW	1.5' 0.C	1'-2' X 1'-2'
MUH RIG	MUHLENBERGIA RIGENS	DEER GRASS	5 GALLON	LOW	4' 0.C	4'-5' X 4'-6'
NAS PUL	NASELLA PULCHRA	PURPLE NEEDLE GRASS	1 GALLON	LOW	2' 0.C	3' X 2'-3'
NEP FAA	NEPETA FAASSENII	CATMINT	1 GALLON	LOW	2.5' 0.C	1'-2' X 3'-4'
PEN 'M.B'	PENSTEMON H. 'MARGARITA BOP'	BLUE PENSTEMON	1 GALLON	LOW	1.5' 0.C	1'-2' X 1'-2'
ROS CAL	ROSA CALIFORNICA	CALIFORNIA WILD ROSE	5 GALLON	LOW	4' 0.C	3'-6' X 3'-6'
SAL 'W.G'	SALVIA C. 'WINNIFRED GILMAN'	SAGE	1 GALLON	LOW	4' 0.C	4'-5' X 4'-5'
<b>GROUNDCOVERS</b>						
CEA 'D.H'	CEANOTHUS G. H. 'DIAMOND HEIGHTS'	CARMEL CREEPET	1 GALLON	LOW	3.5' 0.C	1' X 4'-6'
GAZ 'MIT'	GAZANIA R. 'MITSUWA WHITE'	GAZANIA - WHITE	1 GALLON	LOW	3' 0.C	1' X 3'
OST FRU	OSTEOSPERMUM FRUTICOSUM	TRAILING AFRICAN DAISY	1 GALLON	LOW	3' 0.C	1' X 3'-4'
<b>GROUNDCOVERS - C3 PLANTERS</b>						
CLA AMO	CLARKIA AMOENA	FAREWELL TO SPRING	1 GALLON	LOW	2' 0.C	2'-3' X 1'-2'

NOTE: PLANT MATERIAL WATER USE VERIFIED WITH ONLINE WUCOLS LANDSCAPE WATER-USE PLANNING TOOL. WWW.WATERWONK.US, PLANT SPREADS HAVE BEEN CROSSED REFERENCED TO THE BOOKS LISTED IN THE CITY OF HAYWARD BAY-FRIENDLY WATER EFFICIENT LANDSCAPE ORDINANCE SEC.10-12.05(B)(2) AND LOCAL PLANT NURSERIES.



**RAIN BARREL INFORMATION**

- 55 GALLON RAIN BARREL WITH BRASS SPIGOT - TYPICAL LOCATION - SET ON LEVEL 3' X 3' PRECAST CONCRETE PAVER. CONNECT TO CLOSEST DOWNSPOUT. CONNECT OVERFLOW HOSE TO DRAINAGE SYSTEM. REFER TO DETAIL 6, SHEET L04.

RAIN BARREL TO BE MODEL NUMBER 'CRB50' BY BUSHMAN. AVAILABLE FROM WWW.BUSHMANUSA.COM. 3' X 3' PRECAST PAVER TO DIVERSITECH MODEL '2YJ85' AVAILABLE FROM GRAINGER OR EQUAL. WWW.GRAINGER.COM

**NOTE:**  
REFER TO ARCHITECTURAL FLOOR PLANS FOR HOSE BIB LOCATIONS

**PRELIMINARY PROPOSED PLANT PALETTE**

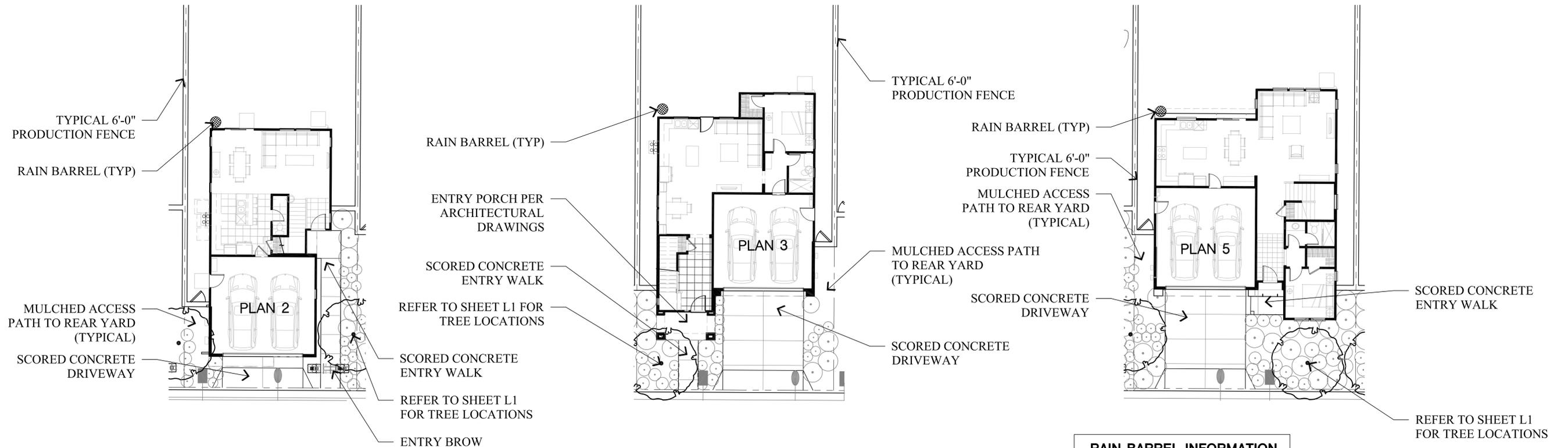
BOTANICAL NAME	COMMON NAME	SIZE	WIDTH / HEIGHT	WATER USE
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<b>TRAIL TREE</b>				
GEIJERA PARVIFLORA	AUSTRALIAN WILLOW	36" BOX	20' WIDE/30' HIGH	LOW
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<b>ACCENT TREE</b>				
LAGERSTROEMIA I. 'NATCHEZ'	WHITE CRAPE MYRTLE	24/36"BOX	12' WIDE/20' HIGH	LOW

**PRELIMINARY PROPOSED PLANT PALETTE**

SYMBOL	BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	WATER USE	SPACING (ON CENTER)	SIZE AT MATURITY (HEIGHT X WIDTH)
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AGA ATT	AGAVE ATTENUATA	FOX TAIL AGAVE	5 GALLON	LOW	4' 0.C	4'-5' X 6'-8'
ALO POL	ALOE POLYPHYLLA	SPIRAL ALOE	1 GALLON	LOW	1.5' 0.C	1' X 2'
ANI 'B.T.'	ANIGAZANTHOS 'BUSH TANGO'	KANGAROO PAW	1 GALLON	LOW	2' 0.C	2'-3' X 2'-3'
ARB COM	ARBUTUS U. 'COMPACTA'	COMPACT STRAWBERRY TREE	5 GALLON	LOW	4.5' 0.C	6'-8' X 5'-6'
ARC 'H.M.'	ARCTOSTAPHYLOS 'HOWARD MCMINN'	MANZANITA	5 GALLON	LOW	4.5' 0.C	6'-10' X 6'-12'
BOU 'B.A.'	BOUTELOUA T. 'BLONDE AMBITION'	BLUE GAMMA GRASS	1 GALLON	LOW	2' 0.C	2'-3' X 2'-3'
BUD 'DAV'	BUDDLEJA DAVIDII	BUTTERFLY BUSH	5 GALLON	LOW	3.5' 0.C	6'-8' X 4'-6'
CAR TUM	CAREX 'TUMULICOLA'	BERKELEY SEDGE	1 GALLON	LOW	1.5' 0.C	1'-2' X 1'-2'
CHO TEC	CHONDROPETALUM TECTORUM	CAPE RUSH	5 GALLON	LOW	3' 0.C	2'-3' X 3'-4'
CIS HYB	CISTUS HYBRIDUS	ROCKROSE	5 GALLON	LOW	4' 0.C	2' X 6'-8'
DIE BIC	DIETES BICOLOR	FORTNIGHT LILY	1 GALLON	LOW	3' 0.C	3'-4' X 3'-4'
DIE IRI	DIETES IRIDIODES	FORTNIGHT LILY	1 GALLON	LOW	3' 0.C	3'-4' X 3'-4'
ERI KAR	ERIGERON KARVINSKIANUS	SANTA BARBARA DAISY	1 GALLON	LOW	2.5' 0.C	1' X 3'
EUO 'G.S.'	EUONYMUS J. 'GREEN SPIRE'	GREEN SPIRE EUONYMUS	5 GALLON	LOW	1.5' 0.C	6' X 1'-2'
EUR 'MUN'	EURYOPS P. 'MUNCHKIN'	DWARF EURYOPS	1 GALLON	LOW	3' 0.C	3' X 4'
FES GLA	FESTUCA GLAUCA	BLUE FESCUE	1 GALLON	LOW	1' 0.C	1' X 1'
FES MAR	FESTUCA MAIREI	MAIRE'S FESCUE	1 GALLON	LOW	2' 0.C	2'-3' X 2'-3'
GRE 'NOE'	GREVILLEA 'NOELLI'	WOOLY GREVILLEA	5 GALLON	LOW	3.5' 0.C	4' X 4'-5'
GAU LIN	GAURA LINDHEIMERI	WHITE GAURA	1 GALLON	LOW	2' 0.C	2'-4' X 2'-3'
HEL SEM	HELIOTRICHON SEMPERVIRENS	BLUE OAT GRASS	1 GALLON	LOW	2' 0.C	2'-3' X 2'-3'
KNI UVA	KNIPHOFIA UVARIA	RED HOT POKER	1 GALLON	LOW	3' 0.C	3'-4' X 3'-4'
LAV MON	LANTANA MONTEVIDENSIS	TRAILING LANTANA	1 GALLON	LOW	4' 0.C	2' X 6'
LAV 'MUN'	LAVANDULA A. 'MUNSTEAD'	ENGLISH LAVANDER	1 GALLON	LOW	1' 0.C	1'-2' X 1'-2'
LAV 'O.O.'	LAVANDULA S. 'OTTO QUAST'	SPANISH LAVANDER	1 GALLON	LOW	2' 0.C	2'-3' X 2'-3'
LEO LEO	LEONOTIS LEONURUS	LIONS' TAIL	5 GALLON	LOW	4' 0.C	5'-6' X 4'-5'
MUH RIG	MUHLENBERGIA RIGENS	DEER GRASS	5 GALLON	LOW	4' 0.C	4'-5' X 4'-6'
MYR CO	MYRTUS COMMUNIS	TRUE MYRTLE	5 GALLON	LOW	4' 0.C	8'-12' X 8'-12'
MYR 'COM'	MYRTUS C. 'COMPACTA'	DWARF MYRTLE	5 GALLON	LOW	2.5' 0.C	2'-4' X 2'-4'
NAS PUL	NASELLA PULCHRA	PURPLE NEEDLE GRASS	1 GALLON	LOW	2' 0.C	3' X 2'-3'
NEP FAA	NEPETA FAASSENII	CATMINT	1 GALLON	LOW	2.5' 0.C	1'-2' X 3'-4'
OLE 'L.O.'	OLEA E. 'LITTLE OLLIE'	DWARF OLIVE	5 GALLON	LOW	4' 0.C	6'-8' X 4'-5'
PEN 'HAM'	PENNISETUM 'HAMELN'	DWARF FOUNTAIN GRASS	1 GALLON	LOW	2' 0.C	2'-3' X 2'-3'
PHO 'D.D.'	PHORMIUM 'CREAM DELIGHT'	NEW ZEALAND FLAX	5 GALLON	LOW	4' 0.C	2'-3' X 4'-6'

NOTE: PLANT MATERIAL WATER USE VERIFIED WITH ONLINE WUCOLS LANDSCAPE WATER-USE PLANNING TOOL. WWW.WATERWORKS.US. PLANT SPREADS HAVE BEEN CROSSED REFERENCED TO THE BOOKS LISTED IN THE CITY OF HAYWARD BAY-FRIENDLY WATER EFFICIENT LANDSCAPE ORDINANCE SEC.10-12.05(B)(2) AND LOCAL PLANT NURSERIES.

SYMBOL	BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	WATER USE	SPACING (ON CENTER)	SIZE AT MATURITY (HEIGHT X WIDTH)
<b>SHRUBS (CONTD)</b>						
PHO 'D.D.'	PHORMIUM 'DARK DELIGHT'	NEW ZEALAND FLAX	5 GALLON	LOW	3' 0.C	3'-4' X 3'-5'
PHO 'J.S.'	PHORMIUM 'JACK SPRATT'	NEW ZEALAND FLAX	1 GALLON	LOW	1.5' 0.C	1'-2' X 1'-2'
PHO 'M.M.'	PHORMIUM T. 'MAORI MAIDEN'	NEW ZEALAND FLAX	5 GALLON	LOW	2.5' 0.C	2'-3' X 2'-3'
PHO 'T.T.'	PHORMIUM 'TOM THUMB'	NEW ZEALAND FLAX	1 GALLON	LOW	1.5' 0.C	2' X 2'
PHO 'Y.W.'	PHORMIUM 'YELLOW WAVE'	NEW ZEALAND FLAX	5 GALLON	LOW	3' 0.C	3'-4' X 3'-4'
ROS RUG	ROSA REGUSA	REGUSA ROSE	5 GALLON	LOW	3.5' 0.C	3'-6' X 3'-6'
ROS 'C.I'	ROSMARINUS O. 'COLLINGWOOD INGRAM'	ROSEMARY	1 GALLON	LOW	3' 0.C	2'-3' X 4'
SAL 'L.L.'	SALVIA 'LIME LIGHT'	LIME LIGHT SAGE	1 GALLON	LOW	2.5' 0.C	4'-6' X 2'-3'
SAN CHA	SANTOLINA CHAMAECYPARISSUS	LAVENDER COTTON	1 GALLON	LOW	2.5' 0.C	2' X 3'
SOL HET	SOLLYA HETEROPHYLLA	BLUEBELL CREEPER	1 GALLON	LOW	3.5' 0.C	3'-5' X 3'-5'
STA BYZ	STACHYS BYZANTINA	LAMB'S EAR	1 GALLON	LOW	1' 0.C	1'-2' X 1'-2'
TUL VIO	TULBAGHIA VIOLACEA	SOCIETY GARLIC	1 GALLON	LOW	1' 0.C	1'-2' X 1'-2'
<b>SHRUBS - C3 PLANTERS</b>						
BUD 'DAV'	BUDDLEJA DAVIDII	BUTTERFLY BUSH	5 GALLON	LOW	3.5' 0.C	6'-8' X 4'-6'
JUN PAT	JUNCUS PATENS	CALIFORNIA RUSH	1 GALLON	LOW	2.5' 0.C	2'-3' X 2'-3'
MIN AUR	MINULUS AURANTIACUS	MONKEY FLOWER	1 GALLON	LOW	1.5' 0.C	1'-2' X 1'-2'
MUH RIG	MUHLENBERGIA RIGENS	DEER GRASS	5 GALLON	LOW	4' 0.C	4'-5' X 4'-6'
NAS PUL	NASELLA PULCHRA	PURPLE NEEDLE GRASS	1 GALLON	LOW	2' 0.C	3' X 2'-3'
NEP FAA	NEPETA FAASSENII	CATMINT	1 GALLON	LOW	2.5' 0.C	1'-2' X 3'-4'
PEN 'M.B'	PENSTEMON H. 'MARGARITA BOP'	BLUE PENSTEMON	1 GALLON	LOW	1.5' 0.C	1'-2' X 1'-2'
ROS CAL	ROSA CALIFORNICA	CALIFORNIA WILD ROSE	5 GALLON	LOW	4' 0.C	3'-6' X 3'-6'
SAL 'W.G'	SALVIA C. 'WINNIFRED GILMAN'	SAGE	1 GALLON	LOW	4' 0.C	4'-5' X 4'-5'
<b>GROUNDCOVERS</b>						
CEA 'D.H'	CEANOOTHUS G. H. 'DIAMOND HEIGHTS'	CARMEL CREEPET	1 GALLON	LOW	3.5' 0.C	1' X 4'-6'
GAZ 'MIT'	GAZANIA R. 'MITSUWA WHITE'	GAZANIA - WHITE	1 GALLON	LOW	3' 0.C	1' X 3'
OST FRU	OSTEOSPERMUM FRUTICOSUM	TRAILING AFRICAN DAISY	1 GALLON	LOW	3' 0.C	1' X 3'-4'
<b>GROUNDCOVERS - C3 PLANTERS</b>						
CLA AMO	CLARKIA AMOENA	FAREWELL TO SPRING	1 GALLON	LOW	2' 0.C	2'-3' X 1'-2'

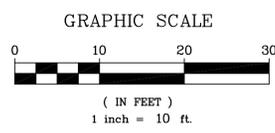


**RAIN BARREL INFORMATION**

- 55 GALLON RAIN BARREL WITH BRASS SPIGOT - TYPICAL LOCATION - SET ON LEVEL 3' X 3' PRECAST CONCRETE PAVER. CONNECT TO CLOSEST DOWNSPOUT. CONNECT OVERFLOW HOSE TO DRAINAGE SYSTEM. REFER TO DETAIL 6, SHEET L04.

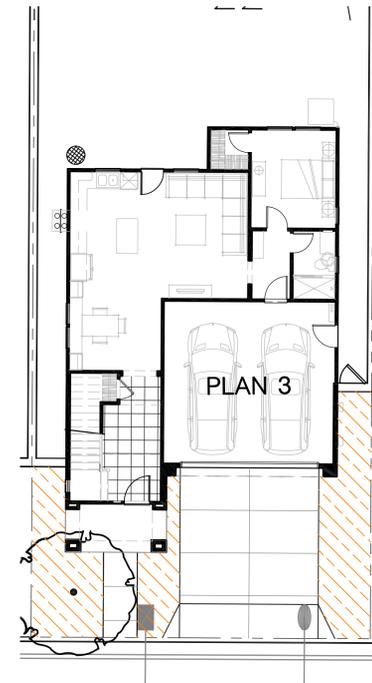
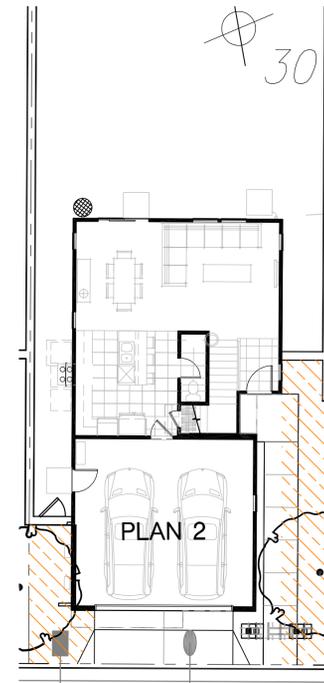
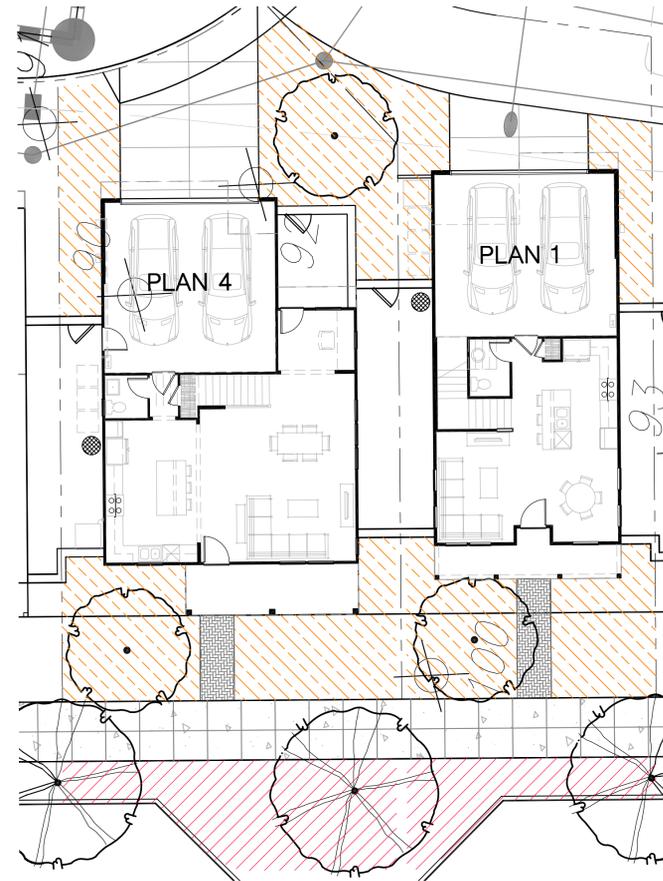
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**NOTE:**  
REFER TO ARCHITECTURAL FLOOR PLANS FOR HOSE BIB LOCATIONS



**LANDSCAPE HYDROZONE LEGEND**

-  ZONE A:  
PRIVATE FRONT YARD  
DROUGHT TOLERANT PLANTING WITH  
DRIP EMITTERS
-  ZONE B:  
COMMON AREA LANDSCAPE  
DROUGHT TOLERANT PLANTING WITH  
DRIP EMITTERS
- ZONE C:  
STREET TREES WITH INDIVIDUAL  
BUBBLERS (NOT SHOWN)



**WATER BUDGET CALCULATIONS:**

LOW WATER USE PLANTING AREA = 1,468 SF  
 MEDIUM WATER USE PLANTING AREA = 0 SF  
 HIGH WATER USE AREA -TURF = 0 SF  
 TOTAL PLANTING AREA = 1,468 SF

ESTIMATED TOTAL WATER USE:  
 ETWU (LOW WATER USE) =  $(44.2) \times (0.62) \times \frac{(0.3 \times 1,468)}{0.81}$   
 TOTAL ETWU = 14,900 GAL/YR

MAXIMUM APPLIED WATER ALLOWANCE:  
 MAWA (LOW WATER USE) =  $(44.2) \times (0.62) \times (0.55 \times 1,468)$   
 TOTAL MAWA = 22,125 GAL/YR

**WATER BUDGET CALCULATIONS:**

LOW WATER USE PLANTING AREA = 824 SF  
 MEDIUM WATER USE PLANTING AREA = 0 SF  
 HIGH WATER USE AREA -TURF = 0 SF  
 TOTAL PLANTING AREA = 824 SF

ESTIMATED TOTAL WATER USE:  
 ETWU (LOW WATER USE) =  $(44.2) \times (0.62) \times \frac{(0.3 \times 824)}{0.81}$   
 TOTAL ETWU = 8,363 GAL/YR

MAXIMUM APPLIED WATER ALLOWANCE:  
 MAWA (LOW WATER USE) =  $(44.2) \times (0.62) \times (0.55 \times 824)$   
 TOTAL MAWA = 12,419 GAL/YR

**WATER BUDGET CALCULATIONS:**

LOW WATER USE PLANTING AREA = 506 SF  
 MEDIUM WATER USE PLANTING AREA = 0 SF  
 HIGH WATER USE AREA -TURF = 0 SF  
 TOTAL PLANTING AREA = 506 SF

ESTIMATED TOTAL WATER USE:  
 ETWU (LOW WATER USE) =  $(44.2) \times (0.62) \times \frac{(0.3 \times 506)}{0.81}$   
 TOTAL ETWU = 5,135 GAL/YR

MAXIMUM APPLIED WATER ALLOWANCE:  
 MAWA (LOW WATER USE) =  $(44.2) \times (0.62) \times (0.55 \times 506)$   
 TOTAL MAWA = 7,626 GAL/YR

**WATER BUDGET CALCULATIONS:**

LOW WATER USE PLANTING AREA = 280 SF  
 MEDIUM WATER USE PLANTING AREA = 0 SF  
 HIGH WATER USE AREA -TURF = 0 SF  
 TOTAL PLANTING AREA = 280 SF

ESTIMATED TOTAL WATER USE:  
 ETWU (LOW WATER USE) =  $(44.2) \times (0.62) \times \frac{(0.3 \times 280)}{0.81}$   
 TOTAL ETWU = 2,841 GAL/YR

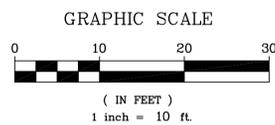
MAXIMUM APPLIED WATER ALLOWANCE:  
 MAWA (LOW WATER USE) =  $(44.2) \times (0.62) \times (0.55 \times 280)$   
 TOTAL MAWA = 4,220 GAL/YR

**WATER BUDGET CALCULATIONS:**

LOW WATER USE PLANTING AREA = 338 SF  
 MEDIUM WATER USE PLANTING AREA = 0 SF  
 HIGH WATER USE AREA -TURF = 0 SF  
 TOTAL PLANTING AREA = 338 SF

ESTIMATED TOTAL WATER USE:  
 ETWU (LOW WATER USE) =  $(44.2) \times (0.62) \times \frac{(0.3 \times 338)}{0.81}$   
 TOTAL ETWU = 3,430 GAL/YR

MAXIMUM APPLIED WATER ALLOWANCE:  
 MAWA (LOW WATER USE) =  $(44.2) \times (0.62) \times (0.55 \times 338)$   
 TOTAL MAWA = 5,094 GAL/YR



**EXISTING TREE LEGEND**

\* PER TREE REPORT PREPARED BY HORTSCIENCE, INC. AND DATED MAY 7, 2018

TREE NO.	SPECIES	TRUNK DIAMETER (IN.)	HERITAGE TREE	DISPOSITION	APPRAISED VALUE	REMOVE FOR PROJECT	CONDITION REMOVAL	PRESERVE
1	COAST REDWOOD	40	YES	REMOVE	\$15,000	\$15,000		
2	COAST REDWOOD	31	YES	REMOVE	\$9,650	\$9,650		
3	GLOSSY PRIVET	9,6,5,4,4,4,3,2	YES	REMOVE	\$500	\$500		
4	COAST LIVE OAK	21	YES	REMOVE	\$4,050	\$4,050		
5	COAST REDWOOD	33	YES	REMOVE	\$7,800	\$7,800		
6	CALIFORNIA BAY	7,7	YES	REMOVE	\$1,200	\$1,200		
7	CALIFORNIA PEPPER	32	YES	REMOVE	\$5,100	\$5,100		
8	COAST REDWOOD	22	YES	PRESERVE	\$3,550		\$3,550	
9	COAST LIVE OAK	14	YES	REMOVE	\$1,850	\$1,850		
10	BLUE GUM	79	YES	REMOVE	\$4,250		\$4,250	
11	ENGLISH WALNUT	6	NO	REMOVE	\$100	\$100		
12	ENGLISH WALNUT	4	NO	REMOVE	\$50	\$50		
13	AVOCADO	29	YES	REMOVE	\$2,550	\$2,550		
14	GLOSSY PRIVET	11,8	YES	REMOVE	\$600	\$600		
15	FIG	9,7,5,5	YES	REMOVE	\$2,150	\$2,150		
16	ENGLISH WALNUT	10	YES	PRESERVE	\$600		\$600	
17	COAST LIVE OAK	14	YES	PRESERVE	\$1,850		\$1,850	
18	CALIFORNIA BAY	4,2,2,2	NO	PRESERVE	\$200		\$1,850	
19	BRONZE LOQUAT	8,5	YES	PRESERVE	\$2,150		\$2,150	
20	BLUE GUM	49	YES	REMOVE	\$3,850		\$3,850	
21	COAST REDWOOD	22	YES	REMOVE	\$1,000	\$1,000		
22	COAST LIVE OAK	7	YES	PRESERVE	\$700		\$700	
23	COAST LIVE OAK	7	YES	PRESERVE	\$700		\$700	
24	COAST LIVE OAK	12	YES	PRESERVE	\$1,850		\$1,850	
25	COAST LIVE OAK	7	YES	PRESERVE	\$700		\$700	
26	COAST LIVE OAK	8	YES	PRESERVE	\$850		\$850	
27	COAST LIVE OAK	4	YES	PRESERVE	\$250		\$250	
28	COAST LIVE OAK	17	YES	PRESERVE	\$3,700		\$3,700	
29	COAST LIVE OAK	20	YES	PRESERVE	\$5,100		\$5,100	
30	COAST LIVE OAK	20	YES	REMOVE	\$1,000	\$850		
31	COAST LIVE OAK	9	YES	REMOVE	\$850			
32	COAST LIVE OAK	16	YES	PRESERVE	\$3,300		\$3,300	
33	COAST LIVE OAK	30	YES	PRESERVE	\$11,400		\$11,400	
34	DEODAR CEDAR	19,14,14,14,3	YES	REMOVE	\$15,500	\$15,500		
35	BLACKWOOD ACACIA	24	YES	REMOVE	\$2,450	\$2,450		
36	BLACKWOOD ACACIA	9,3	YES	REMOVE	\$400	\$400		
37	BLACKWOOD ACACIA	6	NO	REMOVE	\$150	\$150		
38	COAST LIVE OAK	15	YES	REMOVE	\$2,900	\$2,900		
39	COAST LIVE OAK	5	YES	REMOVE	\$550	\$550		
40	COAST REDWOOD	35	YES	REMOVE	\$11,950	\$11,950		
41	COAST LIVE OAK	16,6	YES	REMOVE	\$5,250	\$5,250		
42	BLACKWOOD ACACIA	17	YES	REMOVE	\$750	\$750		
43	BLACKWOOD ACACIA	7,4	NO	REMOVE	\$300	\$300		
44	BLACKWOOD ACACIA	7,4	NO	REMOVE	\$200	\$200		
45	COAST LIVE OAK	16	YES	REMOVE	\$4,600	\$4,600		
46	COAST LIVE OAK	26	YES	REMOVE	\$12,000	\$12,000		
47	COAST LIVE OAK	16,6	YES	REMOVE	\$5,250	\$5,250		
48	COAST LIVE OAK	28	YES	PRESERVE	\$13,900		\$13,900	
49	COAST LIVE OAK	10	YES	REMOVE	\$1,850	\$1,850		
50	INCENSE CEDAR	16	YES	REMOVE	\$2,550	\$2,550		
51	BLACK LOCUST	11	YES	REMOVE	\$300	\$300		
52	BLACK LOCUST	12,8	YES	REMOVE	\$500	\$500		
53	COAST LIVE OAK	23	YES	PRESERVE	\$9,400		\$9,400	
54	INCENSE CEDAR	22	YES	REMOVE	\$4,800	\$4,800		
55	INCENSE CEDAR	22	YES	REMOVE	\$4,800	\$4,800		
56	COAST LIVE OAK	21	YES	PRESERVE	\$10,100		\$10,100	
57	COAST LIVE OAK	27	YES	PRESERVE	\$16,600		\$16,600	
58	COAST LIVE OAK	27	YES	PRESERVE	\$16,600		\$16,600	
59	COAST LIVE OAK	9,8	YES	REMOVE	\$2,650	\$2,650		
60	CHERRY	6	NO	REMOVE	\$350	\$350		
61	CHERRY	4	NO	REMOVE	\$100	\$100		
62	FIG	7,7,5	NO	REMOVE	\$1,100	\$1,100		
63	LEMON	4,4	NO	REMOVE	\$300	\$300		
64	COAST REDWOOD	28,9	YES	REMOVE	\$6,350	\$6,350		
65	CAMPOR	27,21	YES	REMOVE	\$19,450	\$19,450		
66	SILVER DOLLAR GUM	26	YES	REMOVE	\$4,800	\$4,800		
67	SILVER DOLLAR GUM	28	YES	REMOVE	\$5,600	\$5,600		
68	GLOSSY PRIVET	4,4,4,1,1	NO	REMOVE	\$250	\$250		
69	GLOSSY PRIVET	9	YES	REMOVE	\$250	\$250		
70	GLOSSY PRIVET	8	YES	REMOVE	\$200	\$200		
71	CHERRY	6	NO	REMOVE	\$300	\$300		
72	BLACKWOOD ACACIA	4	NO	REMOVE	\$50	\$50		
73	BLACKWOOD ACACIA	4	NO	REMOVE	\$50	\$50		
74	BLACKWOOD ACACIA	4,4,3,3,3,2,2	NO	REMOVE	\$100	\$100		
75	CHERRY	5,5,4,3,2	NO	REMOVE	\$450	\$450		
76	GRAPEFRUIT	7	NO	REMOVE	\$450	\$450		
77	CALIFORNIA PEPPER	28	YES	REMOVE	\$4,000	\$4,000		
78	CALIFORNIA PEPPER	38,29	YES	REMOVE	\$6,650	\$6,650		
79	AMERICAN ARBORVITAE	8,6	YES	REMOVE	\$1,200	\$1,200		
80	HOLLYWOOD JUNIPER	14	YES	REMOVE	\$1,400	\$1,400		
81	HOLLYWOOD JUNIPER	13	YES	REMOVE	\$1,200	\$1,200		
82	ENGLISH WALNUT	4,4	NO	REMOVE	\$150	\$150		
83	CAROLINA CHERRY LAUREL	9,6,6,5	YES	REMOVE	\$2,150	\$2,150		
84	CAROLINA CHERRY LAUREL	7,6,2	NO	REMOVE	\$1,000	\$1,000		
85	CAROLINA CHERRY LAUREL	19,9	YES	REMOVE	\$3,350	\$3,350		
86	CAROLINA CHERRY LAUREL	11,10,10,7,5,3	YES	REMOVE	\$4,450	\$4,450		
87	CAROLINA CHERRY LAUREL	7,7,3,2,2	NO	REMOVE	\$1,900	\$1,900		
88	GLOSSY PRIVET	8	YES	REMOVE	\$300	\$300		
89	ORANGE	6,3,3	NO	REMOVE	\$950	\$950		
90	GIANT YUCCA	6,5,5,4	NO	REMOVE	\$1,250	\$1,250		
91	ENGLISH WALNUT	26	YES	REMOVE	\$2,850	\$2,850		
92	ENGLISH WALNUT	38	YES	REMOVE	\$8,000	\$8,000		
93	APPLE	6,6,4,3,3,3,2,2,2	NO	REMOVE	\$1,050	\$1,050		
94	MONTEREY PINE	5	NO	REMOVE	\$200	\$200		
95	MONTEREY PINE	6	NO	REMOVE	\$200	\$200		
96	MONTEREY PINE	6	NO	REMOVE	\$150	\$150		
97	MONTEREY PINE	7	NO	REMOVE	\$200	\$200		
98	MONTEREY PINE	6	NO	REMOVE	\$200	\$200		
99	AVOCADO	4	NO	REMOVE	\$100	\$100		
100	GLOSSY PRIVET	6,5,4,3,2	NO	REMOVE	\$400	\$400		
101	CAMPOR	27	YES	REMOVE	\$7,300		\$7,300	
102	CHINESE TALLOW TREE II		YES	PRESERVE	\$2,050		\$2,050	
103	CHINESE TALLOW TREE II		YES	REMOVE	\$3,300	\$3,300		
104	CHINESE TALLOW TREE II		YES	PRESERVE	\$2,450		\$2,450	
105	CHINESE TALLOW TREE II		YES	PRESERVE	\$2,850		\$2,850	
106	CHINESE TALLOW TREE II		YES	PRESERVE	\$650		\$650	
107	CHINESE TALLOW TREE II		YES	PRESERVE	\$2,850		\$2,850	
108	CHINESE TALLOW TREE II		YES	REMOVE	\$2,050	\$2,050		
109	CHINESE TALLOW TREE II		YES	PRESERVE	\$2,050		\$2,050	
<b>TOTALS</b>					<b>\$355,850</b>	<b>\$212,400</b>	<b>\$27,100</b>	<b>\$93,630</b>



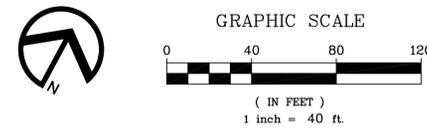
**LEGEND**

- PERMEABLE PAVING**
- PAVERS TO BE: HYDRO-FLO TECHNOLOGY PAVERS AREA = 905 SQ FT
- TREE UPGRADES**
- PROPOSED 36" BOX TREE
  - PROPOSED 48" BOX TREE
  - PROPOSED 60" BOX TREE

**PROPOSED TREE MITIGATION MEASURES**

COST OF MATERIALS - TREE UPGRADES							
	24" BOX	36" BOX	48" BOX	60" BOX	COST OF UPGRADE	PROPOSED QTY	COST OF IMPROVEMENT
Upgrade 24" Box Trees to 36" Box Trees	\$150.00	\$500.00			\$350.00	16	\$5,600.00
Upgrade 24" Box Trees to 48" Box Trees	\$150.00		\$1,500.00		\$1,350.00	25	\$33,750.00
Upgrade 24" Box Trees to 60" Box Trees	\$150.00			\$4,000.00	\$3,850.00	15	\$67,750.00
<b>TOTAL MATERIAL UPGRADES*</b>							<b>\$87,100.00</b>
COST OF LABOR - TREE UPGRADES							
	24" BOX	36" BOX	48" BOX	60" BOX	COST OF UPGRADE	PROPOSED QTY	COST OF IMPROVEMENT
Upgrade 24" Box Trees to 36" Box Trees	\$50.00	\$250.00			\$200.00	16	\$3,200.00
Upgrade 24" Box Trees to 48" Box Trees	\$50.00		\$300.00		\$250.00	25	\$6,250.00
Upgrade 24" Box Trees to 60" Box Trees	\$50.00			\$400.00	\$350.00	15	\$5,250.00
<b>TOTAL LABOR UPGRADES*</b>							<b>\$14,700.00</b>
<b>TOTAL UPGRADE COST*</b>							<b>\$111,800.00</b>
COST OF MATERIALS - PERMEABLE PAVERS							
	STANDARD CONCRETE	PERMEABLE PAVER	IMPROVEMENT COST	PROPOSED S.F.	COST OF IMPROVEMENT		
Upgrade Vehicular Concrete Paving to Permeable Pavers		\$3.75	\$9.90	\$6.15	200		\$1,230.00
Upgrade Pedestrian Concrete Paving to Permeable Pavers		\$3.00	\$9.90	\$6.90	805		\$5,554.50
<b>TOTAL MATERIAL UPGRADES*</b>							<b>\$6,784.50</b>
COST OF LABOR - PERMEABLE PAVERS							
	STANDARD CONCRETE	PERMEABLE PAVER	IMPROVEMENT COST	S.F.	COST OF IMPROVEMENT		
Upgrade Vehicular Concrete Paving to Permeable Pavers		\$3.75	\$12.10	\$8.35	200		\$1,670.00
Upgrade Pedestrian Concrete Paving to Permeable Pavers		\$3.00	\$12.10	\$9.10	805		\$7,325.50
<b>TOTAL LABOR UPGRADES*</b>							<b>\$8,995.50</b>
<b>TOTAL UPGRADE COST*</b>							<b>\$15,780.00</b>

**TOTAL PROPOSED TREE MITIGATION COSTS: \$127,580.00**



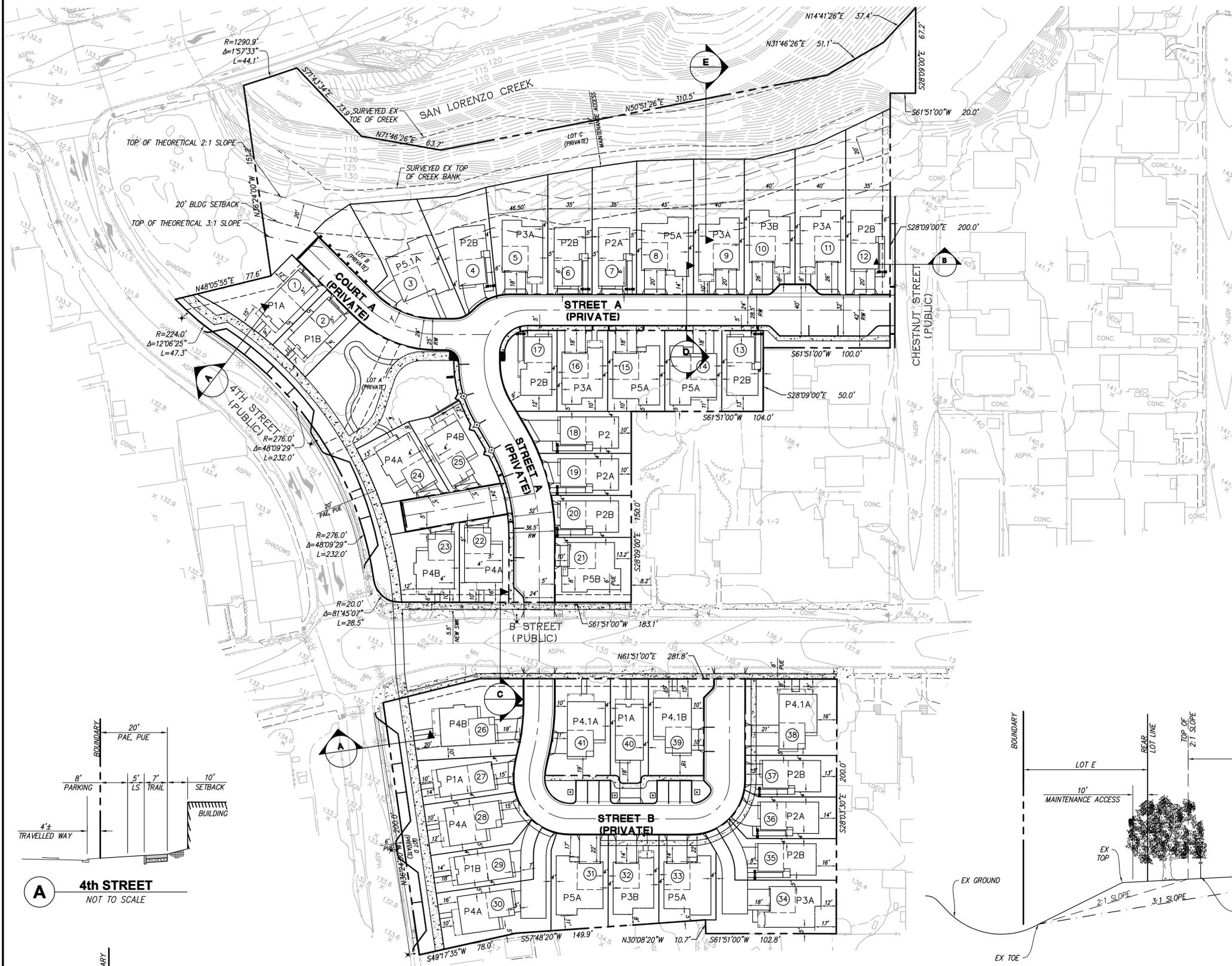
**RIPLEY DESIGN GROUP**  
**LANDSCAPE ARCHITECTURE**  
**LAND PLANNING**  
 1615 BONANZA STREET  
 SUITE 314  
 WALNUT CREEK, CA 94596  
 TEL: 925.938.7377  
 www.ripleydesign.com

**Dutra Enterprises**  
 43360 Mission Blvd  
 Suite #230  
 Fremont, CA 94539  
 Tel. (510) 353-9984

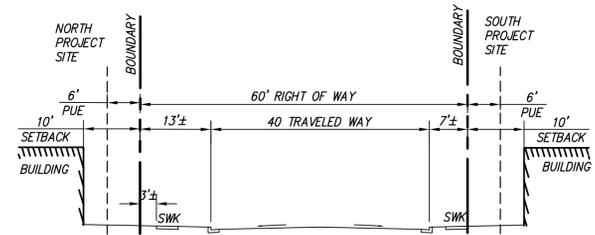
**B. Street**  
**Hayward, CA**  
 May 10, 2018

**Preliminary Tree Mitigation Measures Plan**

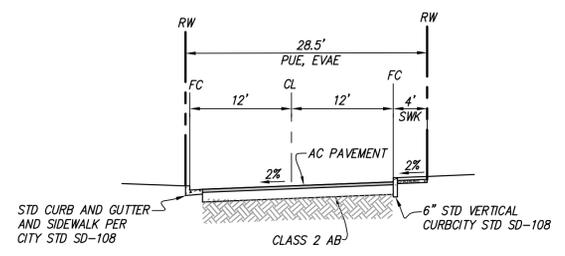
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- MINIMUM SETBACKS:**
- MINIMUM 5' GARAGE SETBACK
  - MINIMUM 5' REAR SETBACK, 10' TO SECOND STORY
  - MINIMUM 10' SETBACK TO B STREET RW (4' PORCH ENCROACHMENT ALLOWED)
  - MINIMUM 10' SETBACK TO 4TH STREET MEASURED FROM TRAIL (4' PORCH ENCROACHMENT ALLOWED)
  - MINIMUM 4' SIDE SETBACK

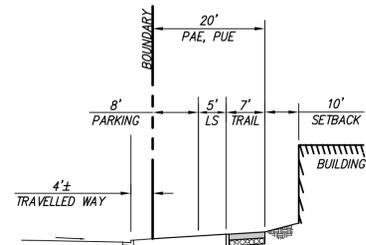


**C B STREET**  
NOT TO SCALE

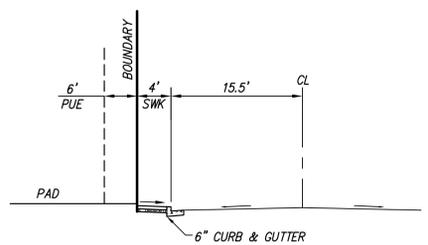


**D TYPICAL CROSS SECTION**  
NOT TO SCALE

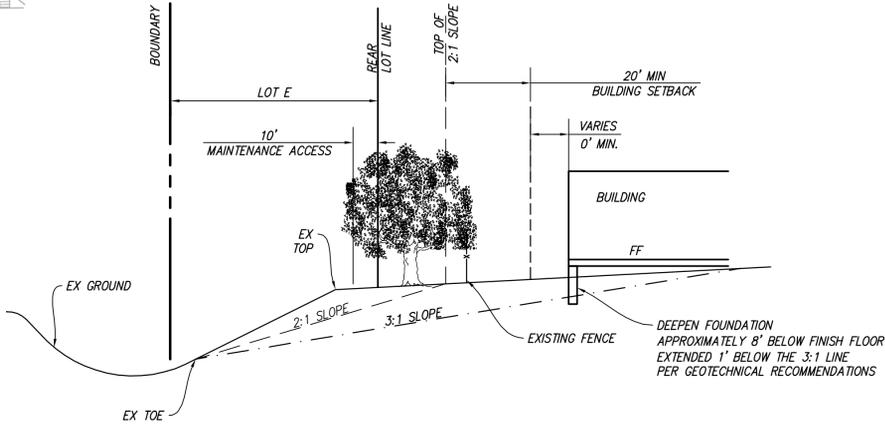
LOT AREAS (NORTH)	
LOT	AREA (SF)
1	3,131
2	2,180
3	4,830
4	3,645
5	3,996
6	3,383
7	3,567
8	4,738
9	4,246
10	4,241
11	4,697
12	4,814
13	2,074
14	2,857
15	2,857
16	2,540
17	2,529
18	2,678
19	2,222
20	2,012
21	3,060
22	2,562
23	3,001
24	3,041
25	2,616
A (OPEN SPACE)	7,084
B (BIORETENTION)	1,703
C (OPEN SPACE)	29,204
D (OPEN SPACE)	1,473



**A 4th STREET**  
NOT TO SCALE



**B CHESTNUT STREET**  
NOT TO SCALE



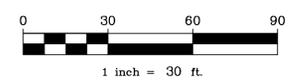
**E SAN LORENZO CREEK SETBACK SECTION**  
NOT TO SCALE

## PLANNED DEVELOPMENT SUBMITTAL

### B STREET

## PRELIMINARY SITE PLAN

CITY OF HAYWARD, ALAMEDA COUNTY, CALIFORNIA

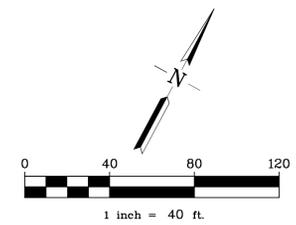


**RJA**  
**RUGGERI-JENSEN-AZAR**  
ENGINEERS • PLANNERS • SURVEYORS  
4690 CHABOT DRIVE, SUITE 200 PLEASANTON, CA 94588  
PHONE: (925) 227-9100 FAX: (925) 227-9300



**PARKING COUNT**

ON-STREET PARKING	= 30
GARAGE PARKING	= 41 X 2 = 82
* DRIVEWAY PARKING	= 15 X 2 = 30

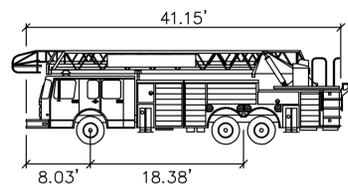
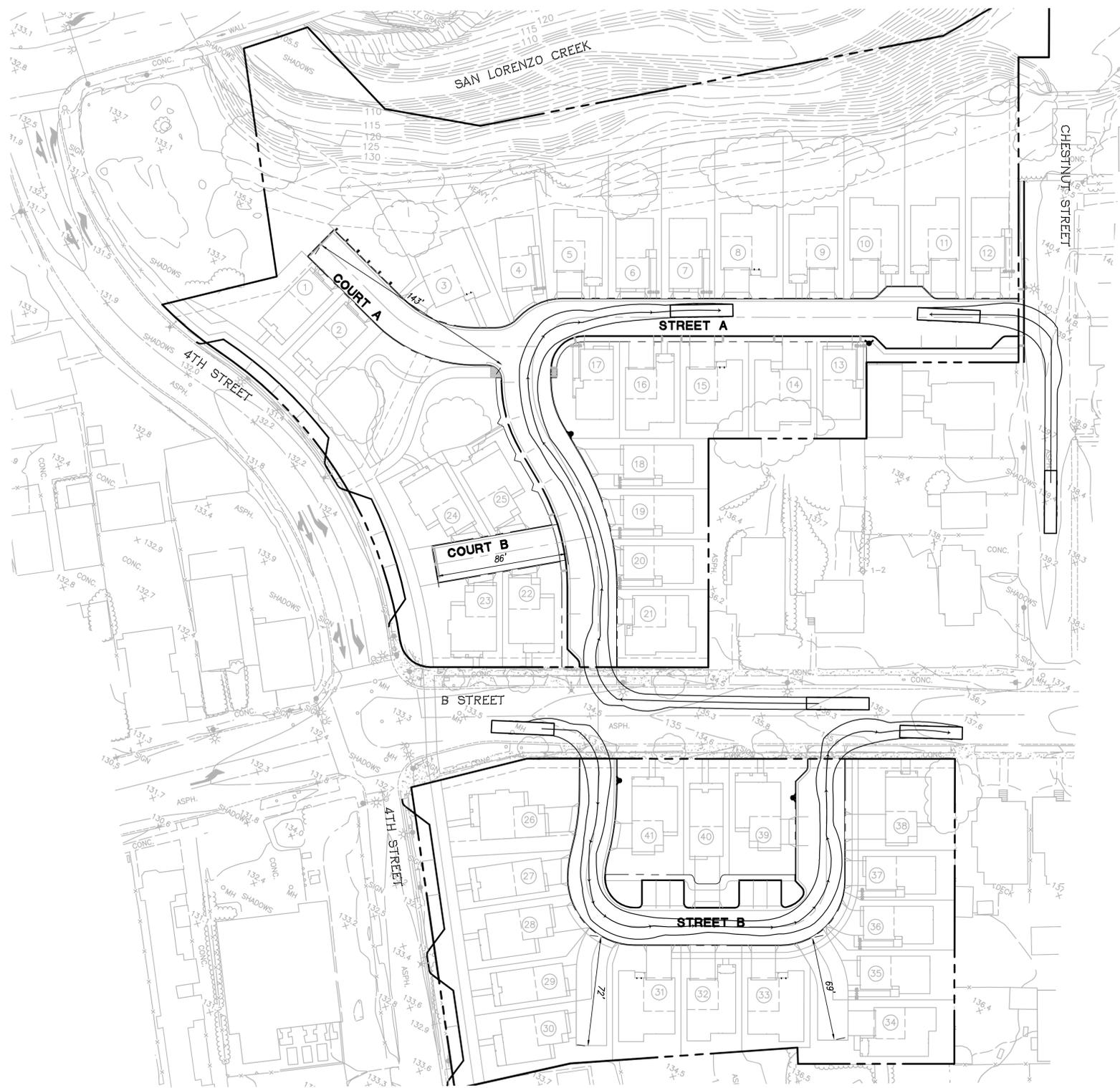


**PLANNED DEVELOPMENT SUBMITTAL**  
**B STREET**  
**PROPOSED PARKING PLAN**

CITY OF HAYWARD, ALAMEDA COUNTY, CALIFORNIA

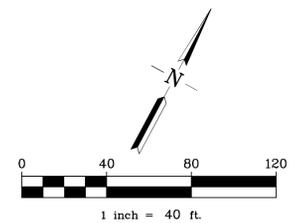
  
**RUGGERI-JENSEN-AZAR**  
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ALAMEDA COUNTY FIRETRUCK

- Width : 8.00'
- Track : 9.06'
- Lock to Lock Time : 4.0'
- Steering Angle : 35.7'



**PLANNED DEVELOPMENT SUBMITTAL**  
**B STREET**  
**PRELIMINARY FIRE TURNING PATH**

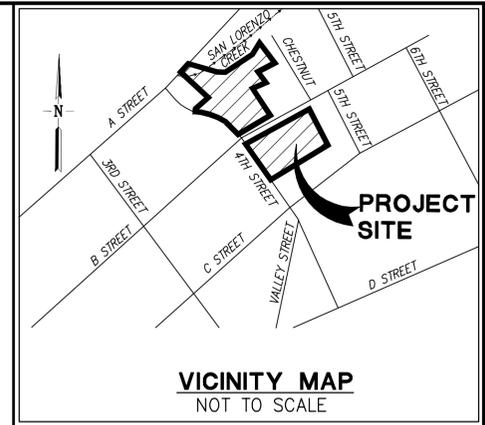
CITY OF HAYWARD, ALAMEDA COUNTY, CALIFORNIA

**RJA**  
**RUGGERI-JENSEN-AZAR**  
 ENGINEERS • PLANNERS • SURVEYORS  
 4690 CHABOT DRIVE, SUITE 200 PLEASANTON, CA 94588  
 PHONE: (925) 227-9100 FAX: (925) 227-9300

DATE: MAY 4, 2018 JOB NO. 161071 C-3.0

# VESTING TENTATIVE MAP TRACT 8427 B STREET

CITY OF HAYWARD, ALAMEDA COUNTY, CALIFORNIA

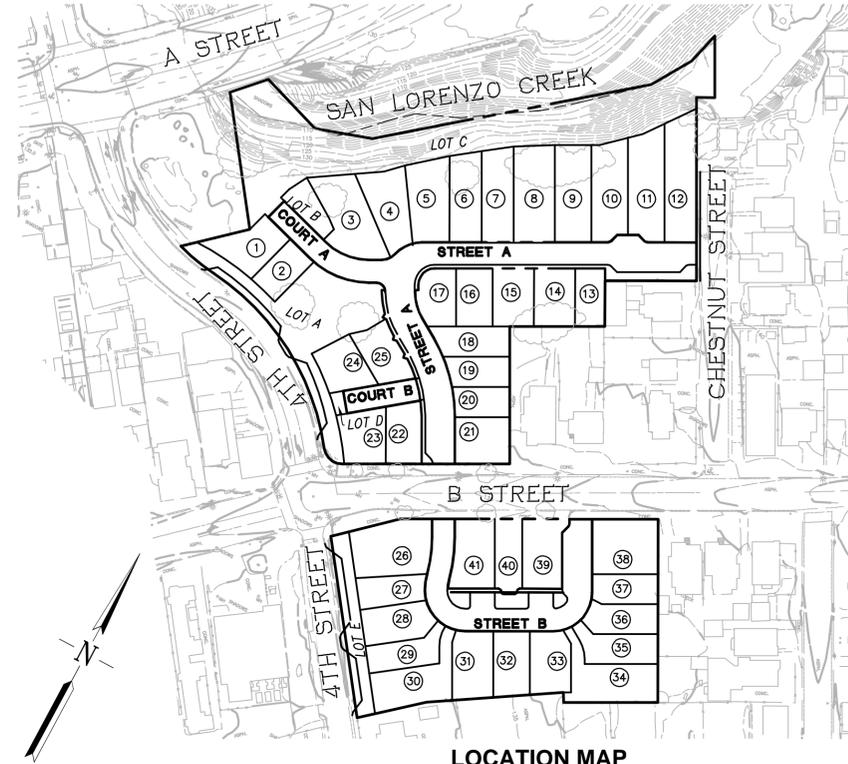


VICINITY MAP  
NOT TO SCALE

PROPOSED	DESCRIPTION	EXISTING
---	TRACT BOUNDARY	---
---	LOT LINE	---
---	RIGHT OF WAY	---
---	CENTER LINE	---
---	RETAINING WALL	---
---	EASEMENT LINE	---
---(12"SD)---	STORM DRAIN	---(EX)12"SD---
---(8"SS)---	SANITARY SEWER	---(EX)12"SS---
---(8"W)---	WATER	---(EX)8"W---
---	GAS	---(EX)2" GAS---
---	CURB & GUTTER	---
---	SIDEWALK	---
←	OVERLAND RELEASE PATH	---
■	BIORETENTION AREA	□
■	SILVA CELL AREA	□
■	STORM WATER INLET	□
■	DROP INLET	□
○	AREA DRAIN	○
○	BUBBLE UP	○
○	MANHOLE	○
○	FIRE HYDRANT	○
○	SANITARY SEWER CLEAN OUT	○
---	SANITARY SEWER LATERAL	---
---	WATER LATERAL WITH METER	---
○	WATER BLOWOFF	○
○	WATER VALVE	○
○	STREET LIGHT	○
○	TRANSFORMER	○
---	JOINT TRENCH BOXES	---
---	CONTOUR ELEVATIONS	---
x 525.2	SPOT ELEVATION	+525.2
0.5%	SLOPE	(0.7% ±)
1	LOT NUMBER	
P 140.1	PAD ELEVATION	

**ABBREVIATIONS**

AB	AGGREGATE BASE	PAE	PRIVATE ACCESS EASEMENT
AC	ASPHALT CONCRETE	PIE	PRIVATE INGRESS EGRESS EASEMENT
AD	AREA DRAIN	PL	PROPERTY LINE
BBA	BOTTOM OF BIORETENTION AREA	PSDE	PRIVATE STORMDRAIN EASEMENT
BC	BEGINNING OF CURVE	PUE	PUBLIC UTILITY EASEMENT
BSC	BOTTOM OF SILVA CELL	RET	CURB RETURN
BW	BACK OF WALK ELEVATION	RPBA	REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY
CL	CENTER LINE	RW	RIGHT-OF-WAY
DMA	DRAINAGE MANAGEMENT AREA	S	SLOPE
DS	DOMESTIC SERVICE	SD	STORM DRAIN
DWY	DRIVEWAY	SDCO	STORM DRAIN CLEANOUT
EC	END OF CURVE	SDE	PUBLIC STORM DRAIN EASEMENT
EG	EXISTING GRADE	SF	SQUARE FEET
EL	ELEVATION	SL	STREET LIGHT
EVAE	EMERGENCY VEHICLE ACCESS EASEMENT	SO	SIDE OPENING INVERT
EX	EXISTING	SS	SANITARY SEWER
FC	FACE OF CURB	SSE	SANITARY SEWER EASEMENT
FF	FINISH FLOOR	SSMH	SANITARY SEWER MANHOLE
FG	FINISHED GRADE	SW	STORM WATER INLET
FI	FIELD INLET	SWK	SIDEWALK
FH	FIRE HYDRANT	TBA	TOP OF BIORETENTION AREA
FS	FIRE SERVICE	TC	TOP OF CURB
FL	FLOW LINE	TCM	TREATMENT CONTROL MEASURES
GB	GRADE BREAK	TCS	TOP OF SILVA CELL
GE	GARAGE ELEVATION	TYP	TYPICAL
HOA	HOMEOWNER ASSOCIATION	TRW	TOP OF RETAINING WALL
HP	HIGH POINT	TW	TOP OF WALL
INV	INVERT ELEVATION	VG	VALLEY GUTTER
JT	JOINT TRENCH	W	WITH
LAT	LATERAL	WL	WATER LINE
NO	NUMBER	WME	WATER MAIN EASEMENT
		WM	WATER METER
		WS	WATER SERVICE



LOCATION MAP  
NOT TO SCALE

**SHEET INDEX**

SHEET NO.	DESCRIPTION
C-1	TITLE SHEET
C-2	EXISTING CONDITIONS AND DEMOLITION PLAN
C-3	PRELIMINARY SITE PLAN
C-4	PRELIMINARY SITE PLAN
C-5	PRELIMINARY GRADING PLAN
C-6	PRELIMINARY UTILITY PLAN
C-7	STORMWATER MANAGEMENT PLAN
C-8	STORMWATER TREATMENT DETAILS

**OWNER'S STATEMENT**

DUTRA ENTERPRISES AGREES TO THE FILING OF SAID MAP AND AGREES TO COMPLY WITH THE PROVISIONS OF THE CITY OF HAYWARD SUBDIVISION ORDINANCE AND THE STATE MAP ACT AS THEY APPLY TO THE PROCESSING AND APPROVAL OF SAID MAP.

**GENERAL NOTES**

- OWNER: DUTRA ENTERPRISES, INC.  
43360 MISSION BLVD, SUITE 230  
FREMONT, CA 94539  
TEL: (510) 353-9984  
CONTACT: TONY DUTRA
- APPLICANT: DUTRA ENTERPRISES, INC.  
43360 MISSION BLVD, SUITE 230  
FREMONT, CA 94539  
TEL: (510) 353-9984  
CONTACT: TONY DUTRA
- CIVIL ENGINEER: RUGGERI-JENSEN-AZAR  
4690 CHABOT DRIVE, SUITE 200  
PLEASANTON, CA 94588  
TEL: (925) 227-9100  
CONTACT: STEVE LICHLITER
- GEOTECHNICAL ENGINEER: ENGeo INCORPORATED  
2010 CROW CANYON PLACE, SUITE 250  
SAN RAMON, CA 94583  
TEL: (925) 866-9000  
CONTACT: RANDY HILDEBRANT
- ARCHITECT: KTG GROUP, INC.  
580 SECOND STREET, SUITE 200  
OAKLAND, CA 94607  
TEL: (510) 272-2910  
CONTACT: PERLA AGUAYO
- LANDSCAPE ARCHITECT: RIPLEY DESIGN GROUP  
1615 BONANZA STREET, SUITE 314  
WALNUT CREEK, CA 94596  
TEL: (925) 938-7377  
CONTACT: ANNIKA CARPENTER
- ASSESSOR'S PARCEL NUMBER: 427-0036-033-05, 06, 07 AND 427-0036-085-01  
427-0036-055-019
- CURRENT USE: VACANT
- CURRENT GENERAL PLAN DESIGNATION: MEDIUM DENSITY RESIDENTIAL
- PROPOSED USE: SINGLE FAMILY DETACHED
- EXISTING ZONING: RS : SINGLE FAMILY RESIDENTIAL
- PROPOSED ZONING: PLANNED DEVELOPMENT
- GROSS SITE AREA: 5.1 ACRES
- NET DEVELOPMENT AREA: 5.1 ACRES
- PROPOSED SITE DENSITY: 8.0 (UNITS/ACRE)
- TOTAL NUMBER OF PROPOSED LOTS: 41 LOTS RESIDENTIAL  
5 LOTS HOA OPEN SPACE (LOTS A, B, C, D AND E)
- UTILITIES:
 

a. WATER:	CITY OF HAYWARD
b. SANITARY SEWER:	CITY OF HAYWARD
c. STORM DRAIN:	CITY OF HAYWARD
d. FIRE:	CITY OF HAYWARD
e. GAS AND ELECTRIC:	CITY OF HAYWARD
f. TELEPHONE:	CITY OF HAYWARD
g. CABLE TV:	CITY OF HAYWARD
- TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED ON AERIAL TOPOGRAPHIC SURVEY PROVIDED BY RADMAN AERIAL SURVEY DATED NOVEMBER 2016.
- THIS PROPERTY LIES WITHIN FLOOD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN), AS SHOWN IN FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 289 OF 725, DATED AUGUST 3, 2009.
- ALL EROSION CONTROL MEASURES SHALL BE IN CONFORMANCE WITH THE CRITERIA AND STANDARDS OF THE CITY OF HAYWARD.
- BUILDING CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE 2013 CALIFORNIA RESIDENTIAL CODE.
- INERTIAL STREETS AND COURT ARE PRIVATE AND SHALL BE OWNED AND MAINTAINED BY THE HOA.
- STORMWATER TREATMENT FACILITIES ARE PRIVATE AND SHALL BE OWNED AND MAINTAINED BY THE HOA.

PLANS PREPARED UNDER THE DIRECTION OF:

JOHN STEVEN LICHLITER, RCE 41637  
RUGGERI-JENSEN-AZAR



DATE



**RUGGERI-JENSEN-AZAR**  
ENGINEERS • PLANNERS • SURVEYORS  
4690 CHABOT DRIVE, SUITE 200 PLEASANTON, CA 94588  
PHONE: (925) 227-9100 FAX: (925) 227-9300



**NOTES:**

1. EXISTING CURB AND GUTTER, SIDEWALK, DRIVEWAY, PLANTER STRIP, SIGNS, AND UTILITIES ALONG PROJECT FRONTAGE ON 4TH STREET AND B STREET ARE TO REMAIN, UNLESS OTHERWISE NOTED ON PLAN.
2. WITHIN PROJECT BOUNDARY, REMOVE ALL OF EXISTING PAVEMENT, TREES, SHRUBS, UNDERGROUND UTILITIES, WATER WELLS (IF EXIST), AND SEPTIC TANKS (IF EXIST), UNLESS OTHERWISE NOTED ON PLAN.
3. NOT ALL EXISTING UNDERGROUND UTILITIES AND EXISTING ABOVE GROUND STRUCTURES ARE SHOWN ON THIS DEMOLITION PLAN. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND REVIEW AS-BUILT/RECORD PLANS FROM THE OWNER AND/OR CITY PRIOR TO START OF DEMOLITION TO VERIFY EXISTING IMPROVEMENTS TO BE DEMOLISHED.
4. LIMITS OF PROPOSED REMEDIAL SOIL EXCAVATIONS ARE SHOWN PER THE SOIL REPORT PREPARED BY CORNERSTONE DATED MAY 11, 2017.

**KEY SYMBOL**

- ① SAWCUT LINE, 2' MIN FROM EX LIP OF GUTTER, GRIND AND OVERLAY 2" AC PAVEMENT
- ② REMOVE & REPLACE EX CURB & GUTTER
- ③ REMOVE & REPLACE EX SIDEWALK
- ④ REMOVE EX DRIVEWAY
- ⑤ REMOVE EX FENCE
- ⑥ REMOVE & RELOCATE EX SIGN "NO PARKING"
- ⑦ REMOVE & RELOCATE EX SPEED SIGNS
- ⑧ REMOVE & RELOCATE UNDERGROUND THE EX JOINT POLE AND OVERHEAD LINE
- ⑨ EX STREET LIGHT TO BE REMAIN

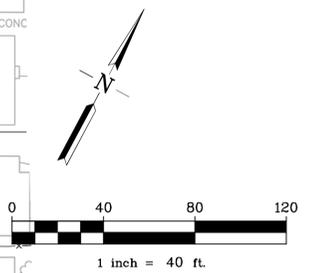
**DEMOLITION LEGEND**

- EX BUILDING, DRIVEWAY AND CONCRETE PAD TO BE REMOVED
- EX CURB & GUTTER, AC PAVEMENT AND SIDEWALK TO BE REMOVED AND REPLACED
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED

**VESTING TENTATIVE MAP  
TRACT 8427 - B STREET**

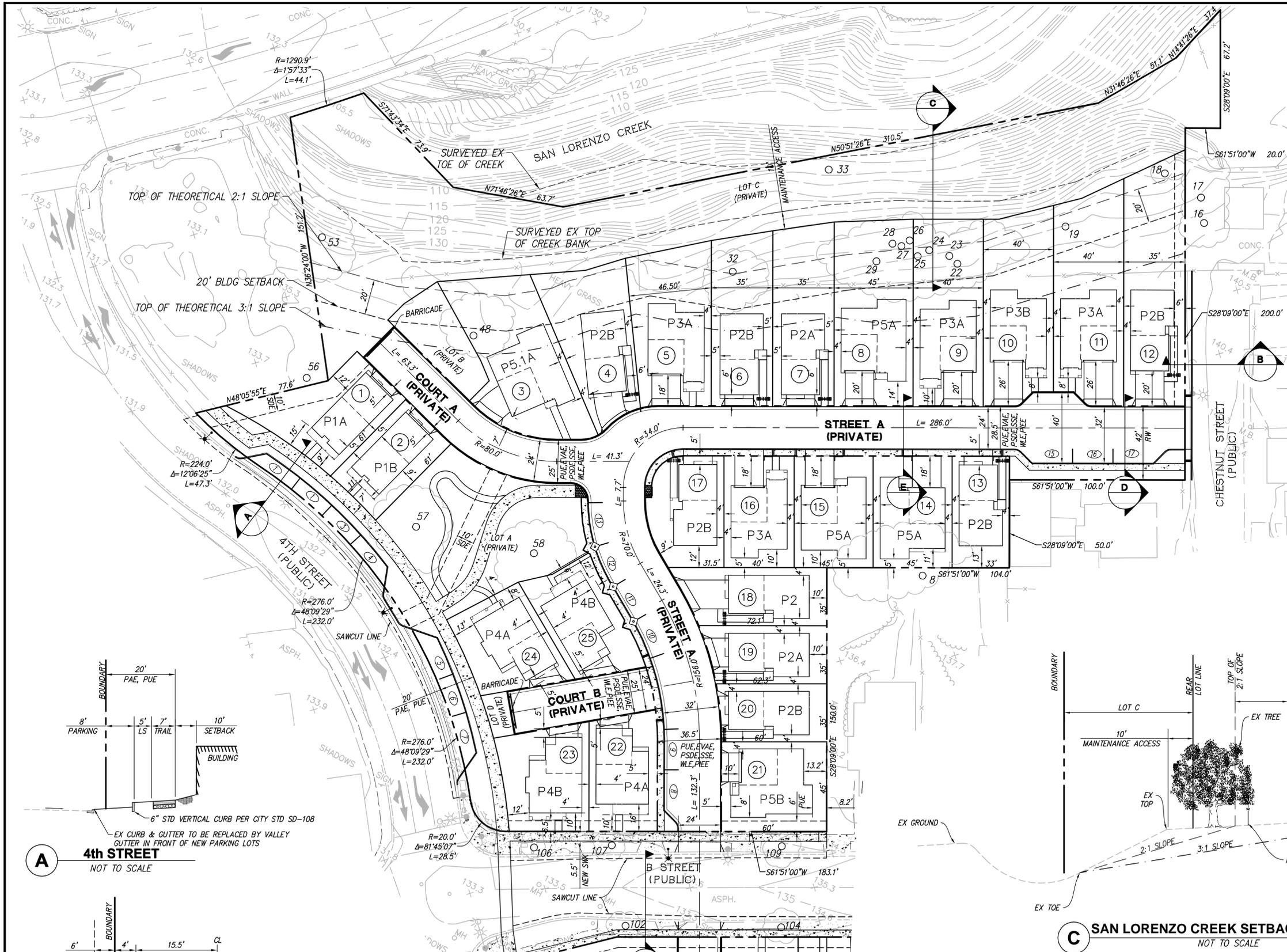
**EXISTING SITE CONDITIONS & DEMOLITION PLAN**

CITY OF HAYWARD, ALAMEDA COUNTY, CALIFORNIA



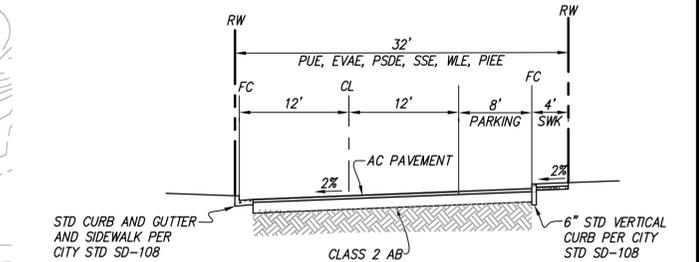
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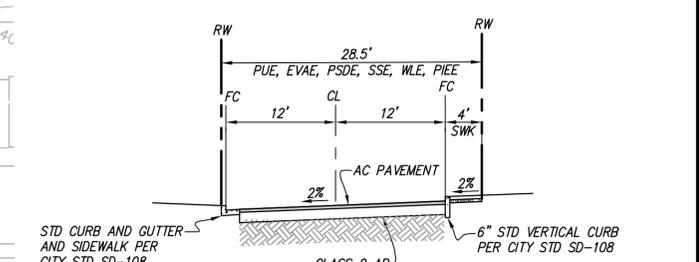


**MINIMUM BUILDING SETBACKS CRITERIA:**

- MINIMUM 5' GARAGE SETBACK
- MINIMUM 5' REAR SETBACK, 10' TO SECOND STORY (4' PORCH ENCROACHMENT ALLOWED)
- MINIMUM 10' SETBACK TO B STREET RW (4' PORCH ENCROACHMENT ALLOWED)
- MINIMUM 10' SETBACK TO 4TH STREET MEASURED FROM TRAIL (4' PORCH ENCROACHMENT ALLOWED)
- MINIMUM 4' SIDE SETBACK

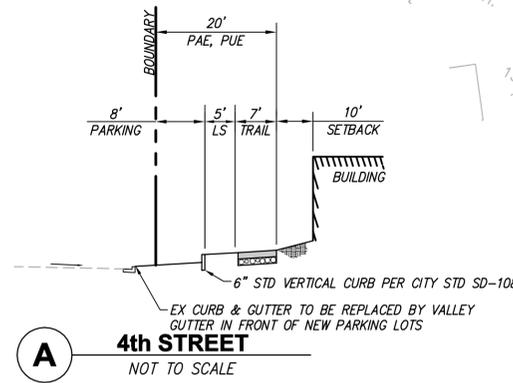


**D STREET A (WITH PARKING)**  
NOT TO SCALE

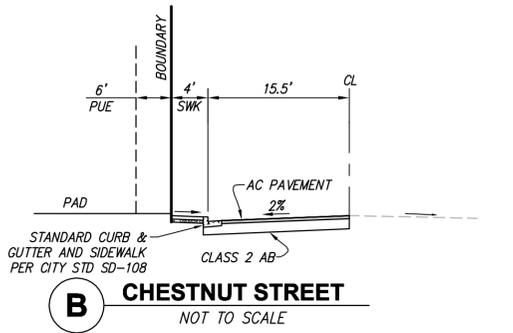


**E STREET A (NO PARKING)**  
NOT TO SCALE

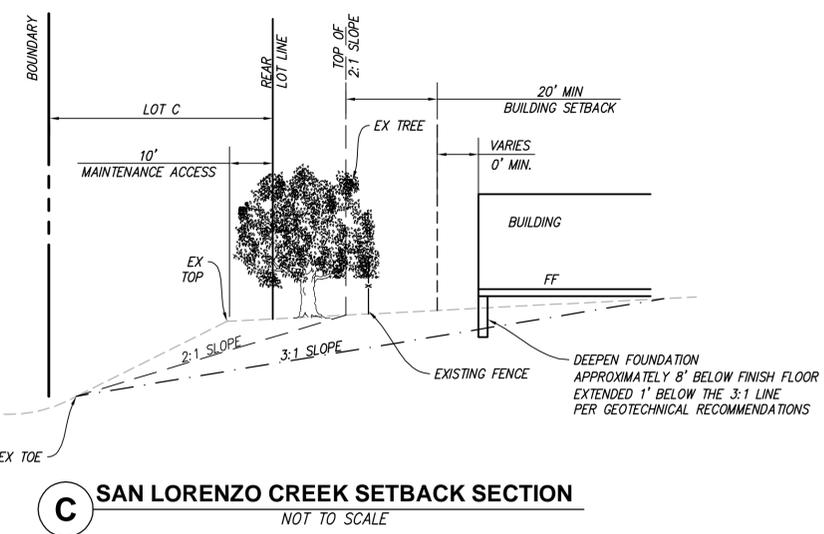
LOT AREAS (NORTH)	
LOT	AREA (SF)
1	3,131
2	2,180
3	4,830
4	3,645
5	3,996
6	3,383
7	3,567
8	4,738
9	4,246
10	4,241
11	4,697
12	4,814
13	2,074
14	2,857
15	2,857
16	2,540
17	2,529
18	2,678
19	2,222
20	2,012
21	3,060
22	2,562
23	3,001
24	3,041
25	2,616
A (OPEN SPACE)	12,918
B (BIORETENTION)	1,703
C (OPEN SPACE)	29,204
D (BIORETENTION)	335



**A 4th STREET**  
NOT TO SCALE



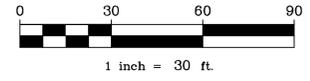
**B CHESTNUT STREET**  
NOT TO SCALE



**C SAN LORENZO CREEK SETBACK SECTION**  
NOT TO SCALE

**VESTING TENTATIVE MAP  
TRACT 8427 - B STREET  
PRELIMINARY SITE PLAN (NORTH)**

CITY OF HAYWARD, ALAMEDA COUNTY, CALIFORNIA

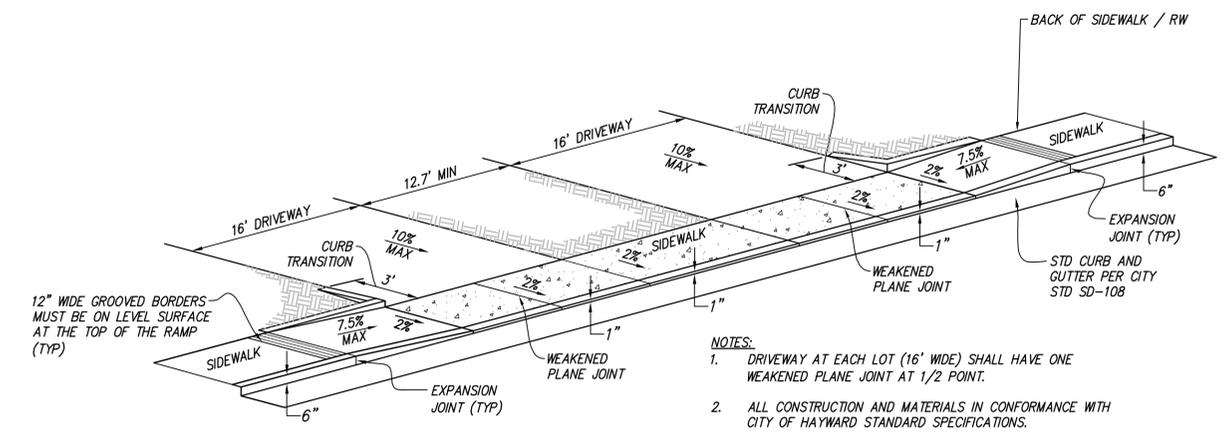
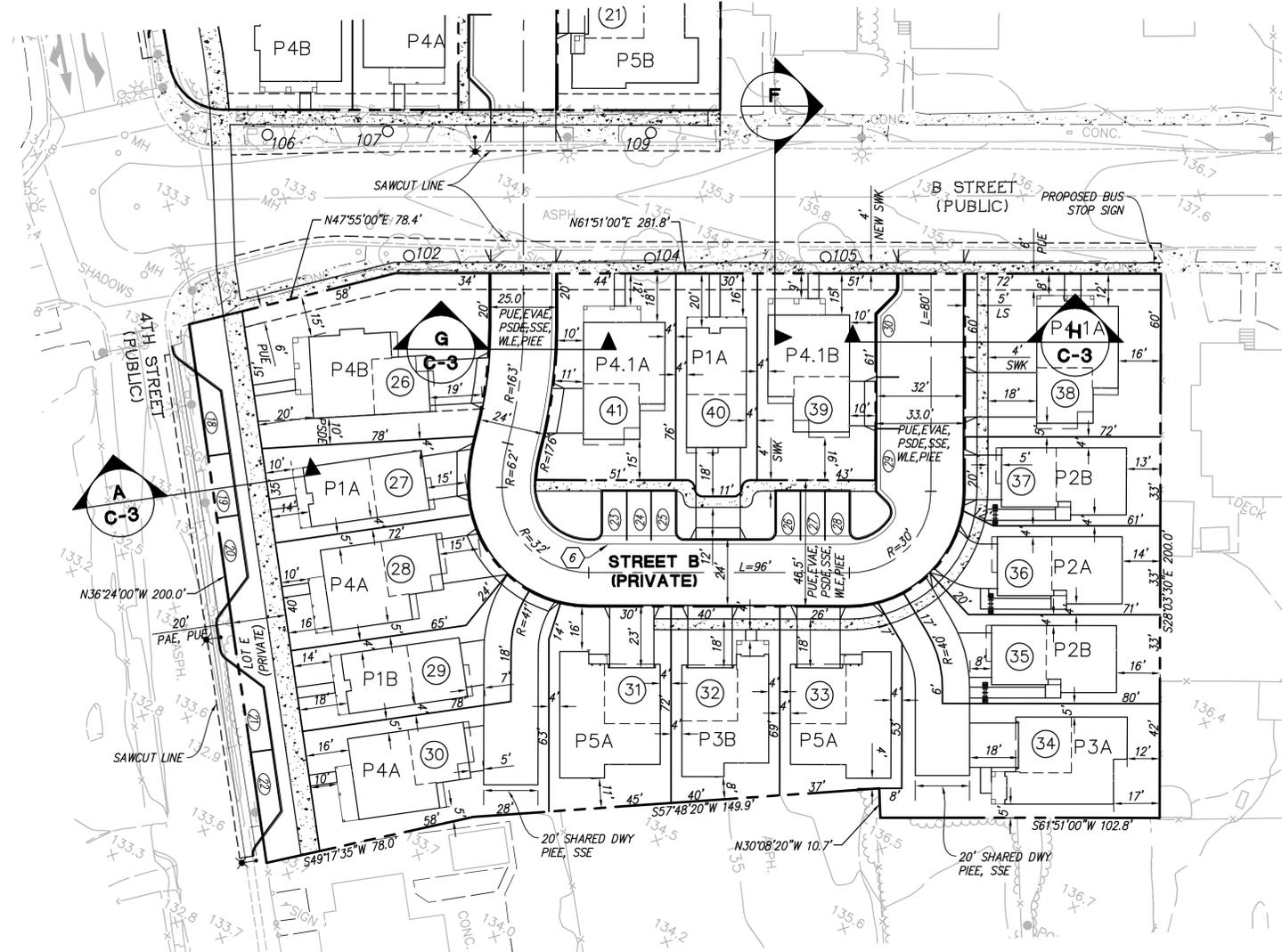


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PHONE: (925) 227-9100 FAX: (925) 227-9300

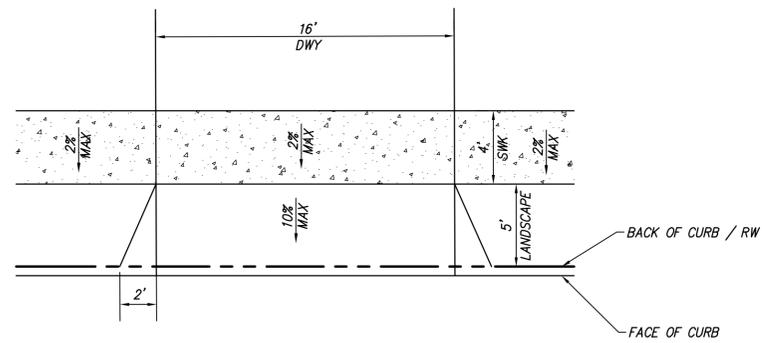
SEE SHEET 3

**MINIMUM SETBACKS:**

- MINIMUM 5' GARAGE SETBACK
- MINIMUM 5' REAR SETBACK, 10' TO SECOND STORY (4' PORCH ENCROACHMENT ALLOWED)
- MINIMUM 10' SETBACK TO B STREET RW (4' PORCH ENCROACHMENT ALLOWED)
- MINIMUM 10' SETBACK TO 4TH STREET MEASURED FROM TRAIL (4' PORCH ENCROACHMENT ALLOWED)
- MINIMUM 4' SIDE SETBACK

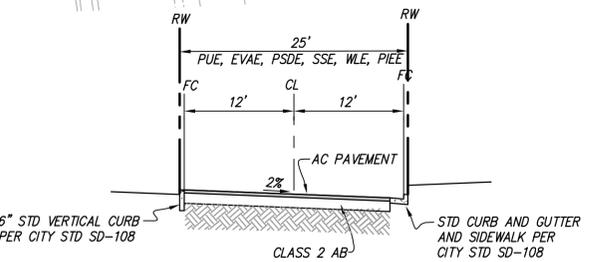


**1 DRIVEWAY WITH MONOLITHIC SIDEWALK**  
NOT TO SCALE

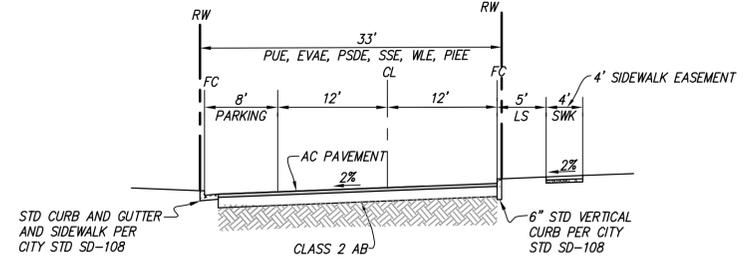


**2 DRIVEWAY WITH DETACHED SIDEWALK**  
NOT TO SCALE

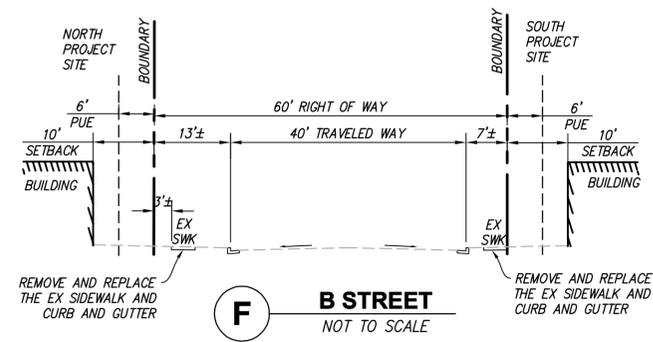
LOT AREAS (SOUTH)	
LOT	AREA (S.F.)
26	5,020
27	2,369
28	3,185
29	2,826
30	3,705
31	3,141
32	2,671
33	2,870
34	4,076
35	3,314
36	2,332
37	2,192
38	4,025
39	3,600
40	2,400
41	3,409
LOT E (OPEN SPACE)	4,004



**G STREET B**  
NOT TO SCALE



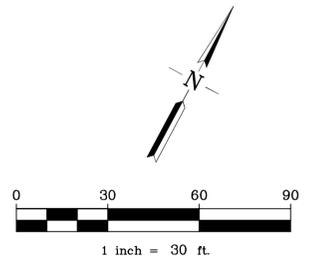
**H STREET B (WITH PARKING)**  
NOT TO SCALE



**F B STREET**  
NOT TO SCALE

**VESTING TENTATIVE MAP**  
**TRACT 8427 - B STREET**  
**PRELIMINARY SITE PLAN (SOUTH)**

CITY OF HAYWARD, ALAMEDA COUNTY, CALIFORNIA



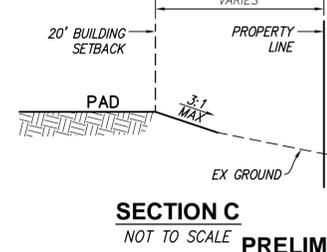
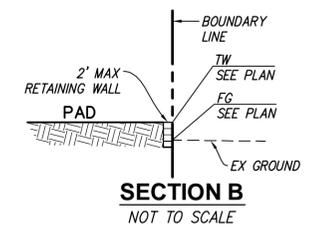
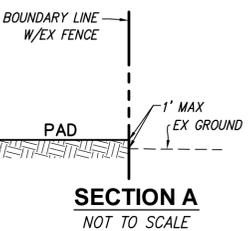
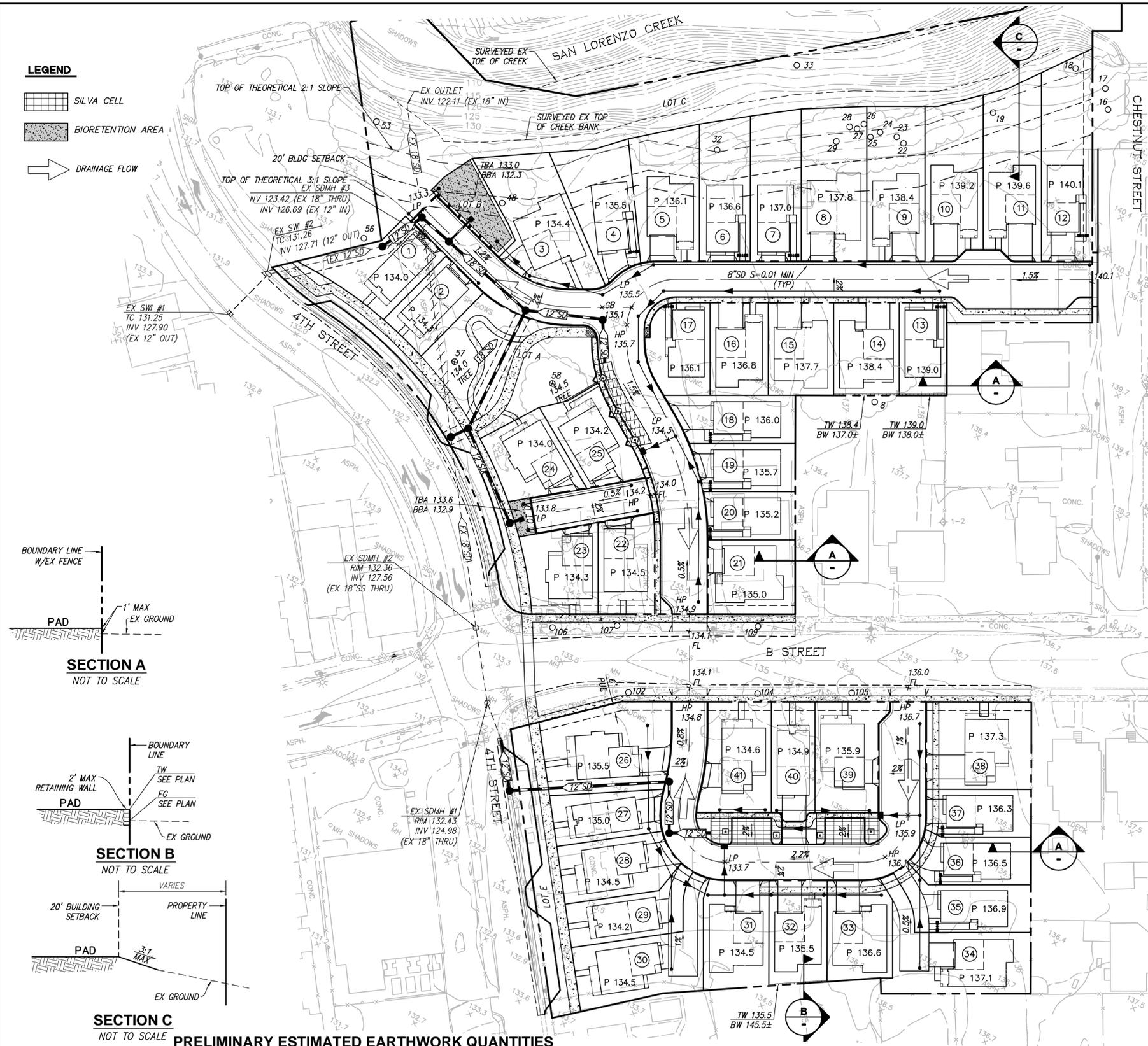
PRELIMINARY PAVEMENT DESIGN CHART				
STREET NAME	TRAFFIC INDEX	"R" VALUE	AC PAVEMENT SECTION	
			A.C.	A.B.
PRIVATE STREETS AND COURTS	5	5	3.0"	10.0"
4TH STREET	7	5	4.0"	16.0"

**RJA**  
**RUGGERI-JENSEN-AZAR**  
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PHONE: (925) 227-9100 FAX: (925) 227-9300

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**LEGEND**

-  SILVA CELL
-  BIORETENTION AREA
-  DRAINAGE FLOW



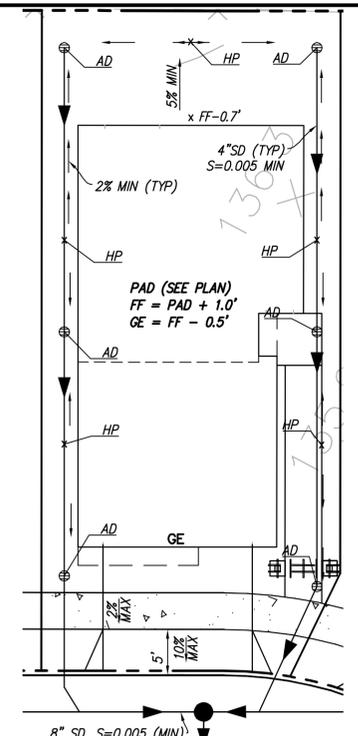
**PRELIMINARY ESTIMATED EARTHWORK QUANTITIES**

ITEMS	CUT (C.Y.)	FILL (C.Y.)
TOPO ADJUSTMENT FOR 1' DEEP CONTAMINATED SOIL REMOVAL	(2,000)	2,000
LOTS	454	3,300
STREETS & SIDEWALK	3,456	190
BIORETENTION SPOIL	545	
FOUNDATION SPOIL	1,230	
TRENCH SPOIL	2,150	
SHRINKAGE (10% ASSUMED)		550
<b>TOTAL</b>	<b>5,835</b>	<b>6,039</b>
	EXPORT	204

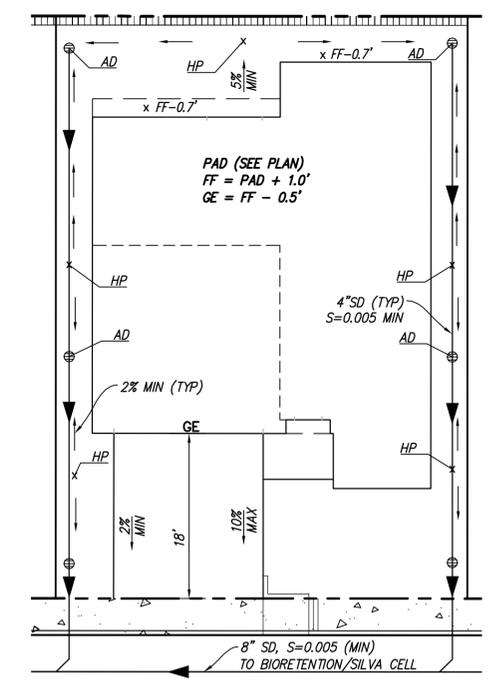
**NOTE:**  
1. ALL QUANTITIES SHOWN ON THIS PLAN ARE APPROXIMATE. CALCULATED CUT AND FILL ARE TO "MASS GRADE" AND EXISTING GROUND. THE ACTUAL AMOUNT OF EARTH MOVED IS VARIABLE DEPENDENT ON COMPACTION, CONSOLIDATION, STRIPPING REQUIREMENTS, AND THE CONTRACTOR'S METHOD OF OPERATION.  
2. FOUNDATION SPOIL ASSUMED AT 30 C.Y. PER LOT (INCLUDES GARAGE UNDERCUT)

**VESTING TENTATIVE MAP**  
**TRACT 8427 - B STREET**  
**PRELIMINARY GRADING PLAN**

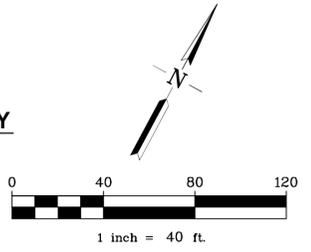
CITY OF HAYWARD, ALAMEDA COUNTY, CALIFORNIA



**TYPICAL LOT GRADING WITH 5' DRIVEWAY**  
NOT TO SCALE



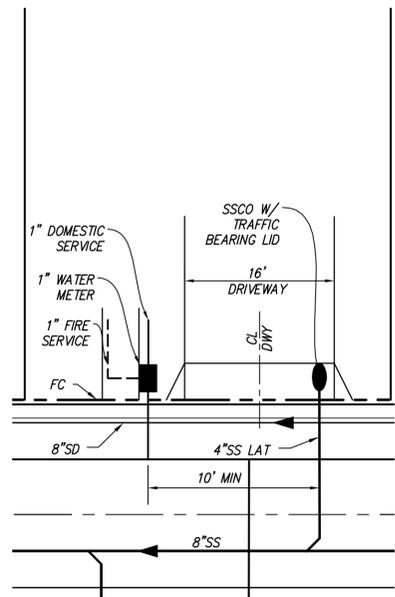
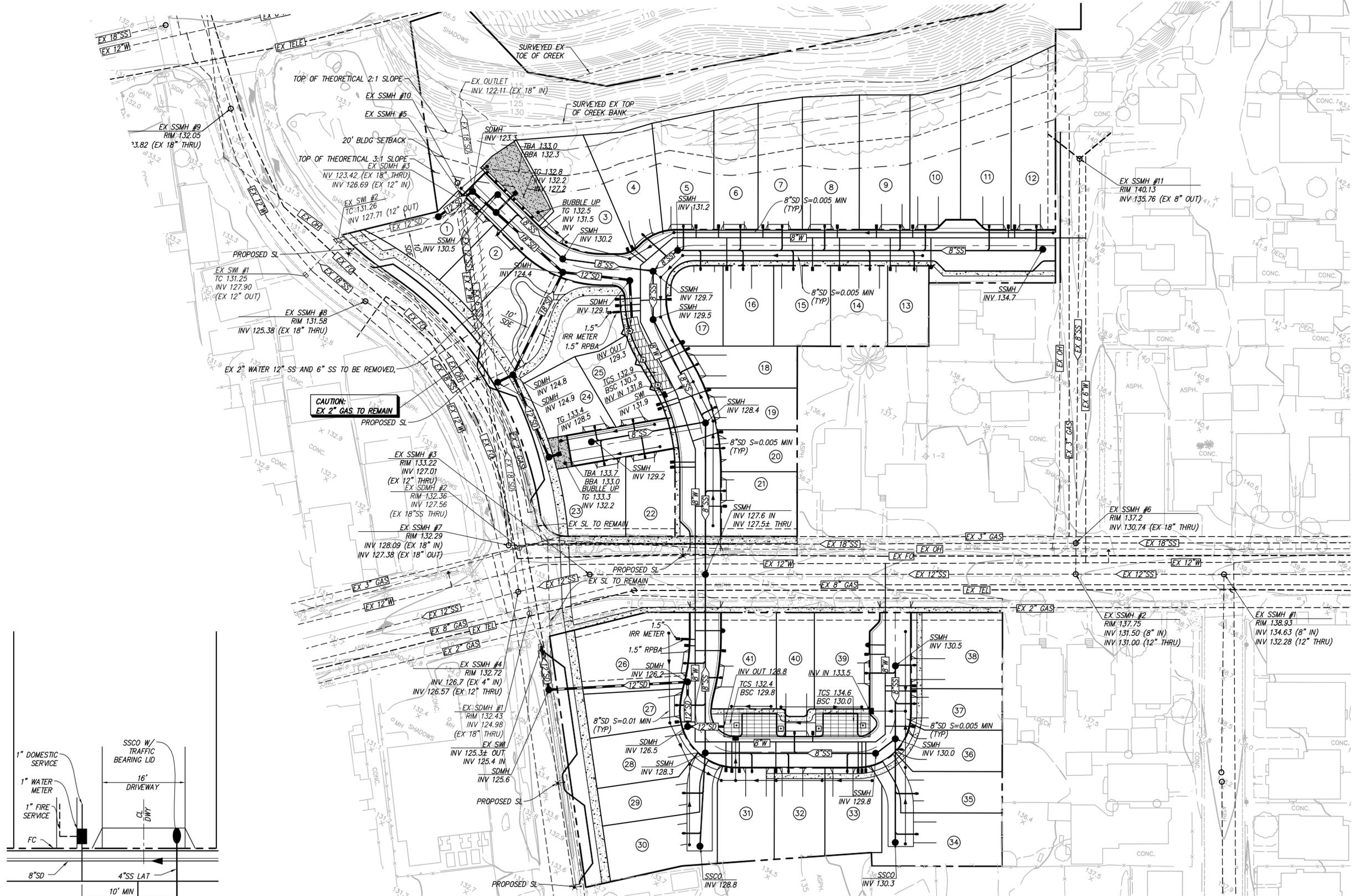
**TYPICAL LOT GRADING WITH 18' DRIVEWAY**  
NOT TO SCALE



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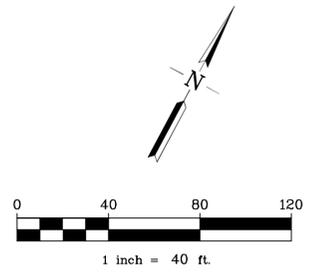
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TYPICAL UTILITY SERVICES  
NOT TO SCALE

# VESTING TENTATIVE MAP TRACT 8427 - B STREET PRELIMINARY UTILITY PLAN

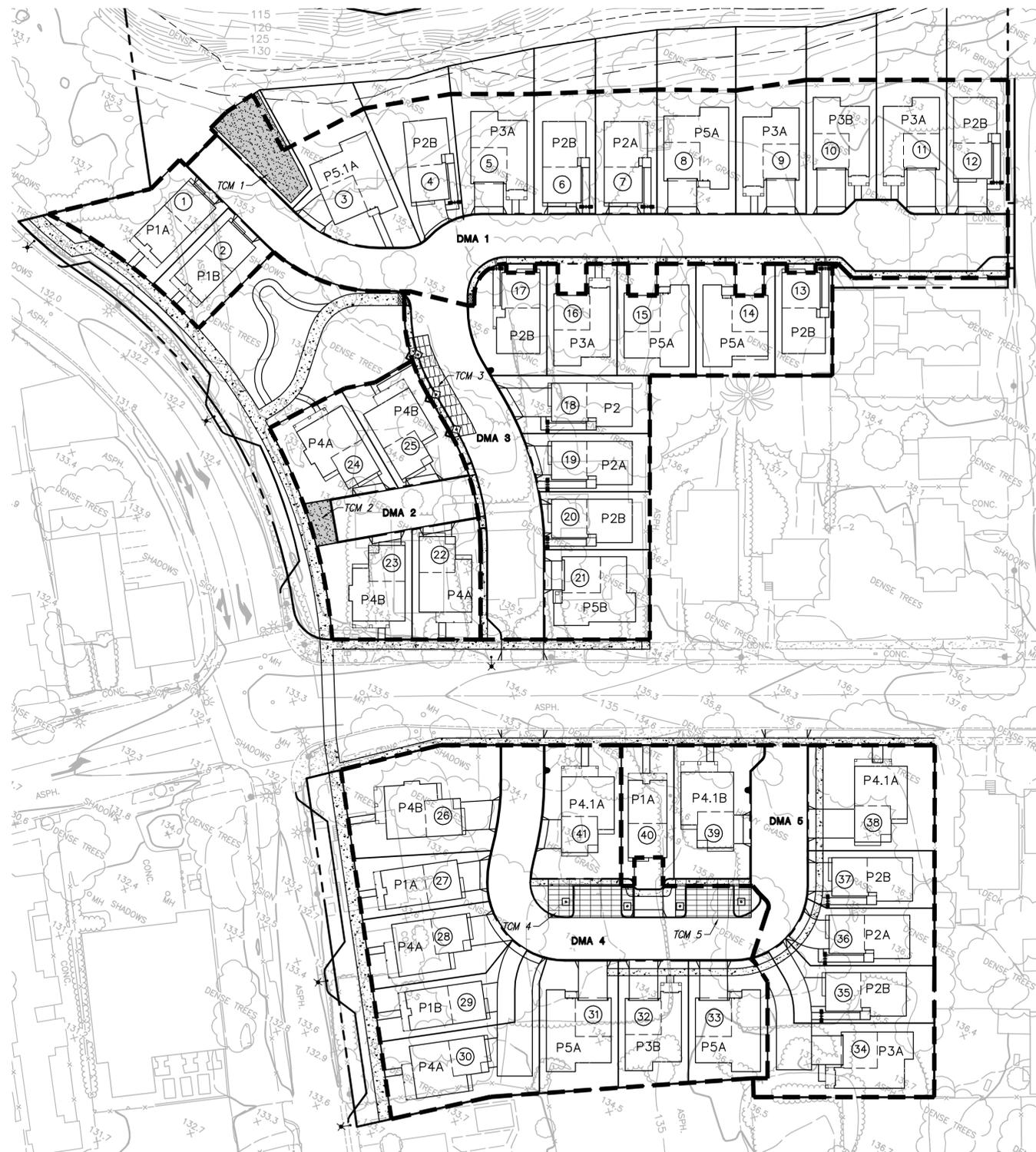
CITY OF HAYWARD, ALAMEDA COUNTY, CALIFORNIA



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AREA ID	TOTAL AREA (SF)	CONCRETE AREA (SF)	ASPHALT AREA (SF)	ROOF AREA (SF)	TOTAL IMPERVIOUS AREA (SF)	LANDSCAPE AREA (SF)	EFFECTIVE IMPERVIOUS AREA (SF)	TREATMENT AREA REQUIRED (SF)	TREATMENT AREA PROVIDED (SF)	TCM ID
DMA 1	51,517	5,488	13,029	14,126	32,643	18,874	34,530	1,381	1,405	1
DMA 2	13,257	568	1,943	5,004	7,515	5,742	8,089	324	335	2
DMA 3	29,211	859	6,423	10,619	17,901	11,310	19,032	761	800	3
DMA 4	38,706	5,132	6,917	11,042	23,091	15,615	24,653	986	1,067	4
DMA 5	25,578	2,821	3,441	7,869	14,131	11,447	15,276	611	1,232	5



**LEGEND**

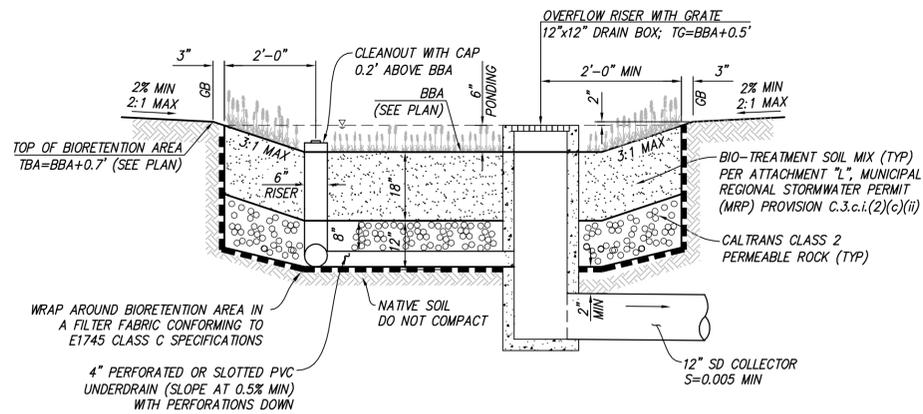
-  TREATMENT CONTROL MEASURES, BIORETENTION AREA
-  TREATMENT CONTROL MEASURES, SILVA CELL AREA
-  DRAINAGE MANAGEMENT AREA



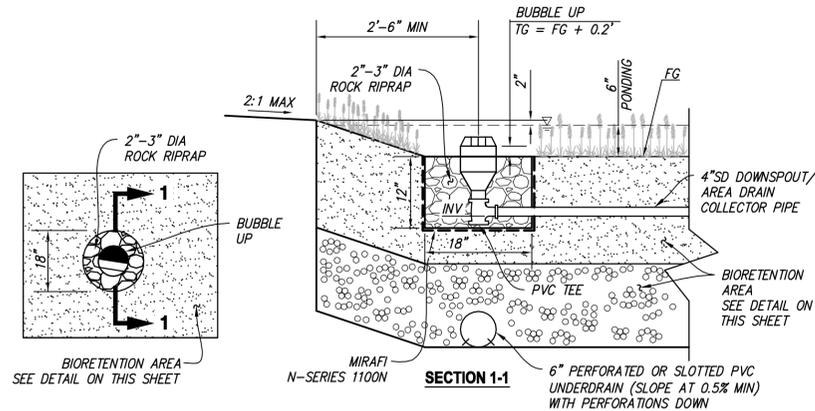

1 inch = 40 ft.

**VESTING TENTATIVE MAP**  
**TRACT 8427 - B STREET**  
**PRELIMINARY STORM WATER TREATMENT PLAN**  
 CITY OF HAYWARD, ALAMEDA COUNTY, CALIFORNIA

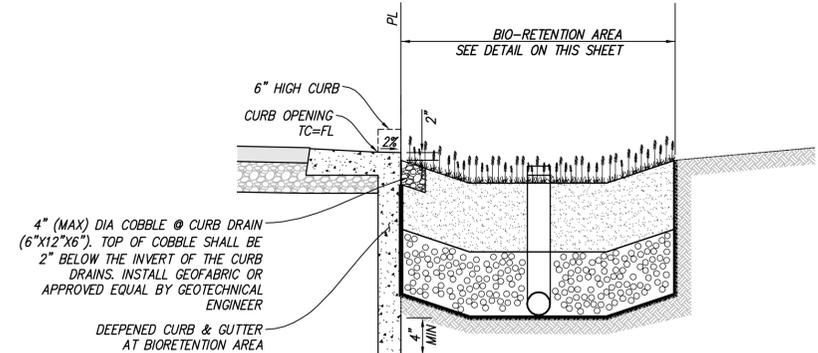
**RJA**  
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 4690 CHABOT DRIVE, SUITE 200 PLEASANTON, CA 94588  
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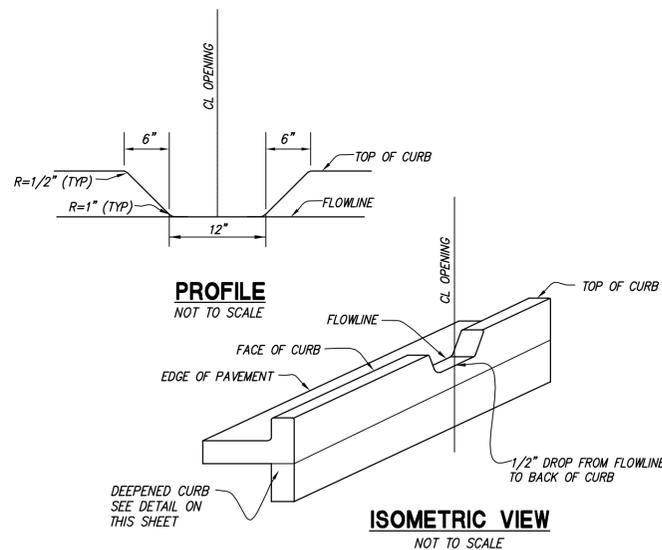
**1** BIORETENTION AREA  
NOT TO SCALE



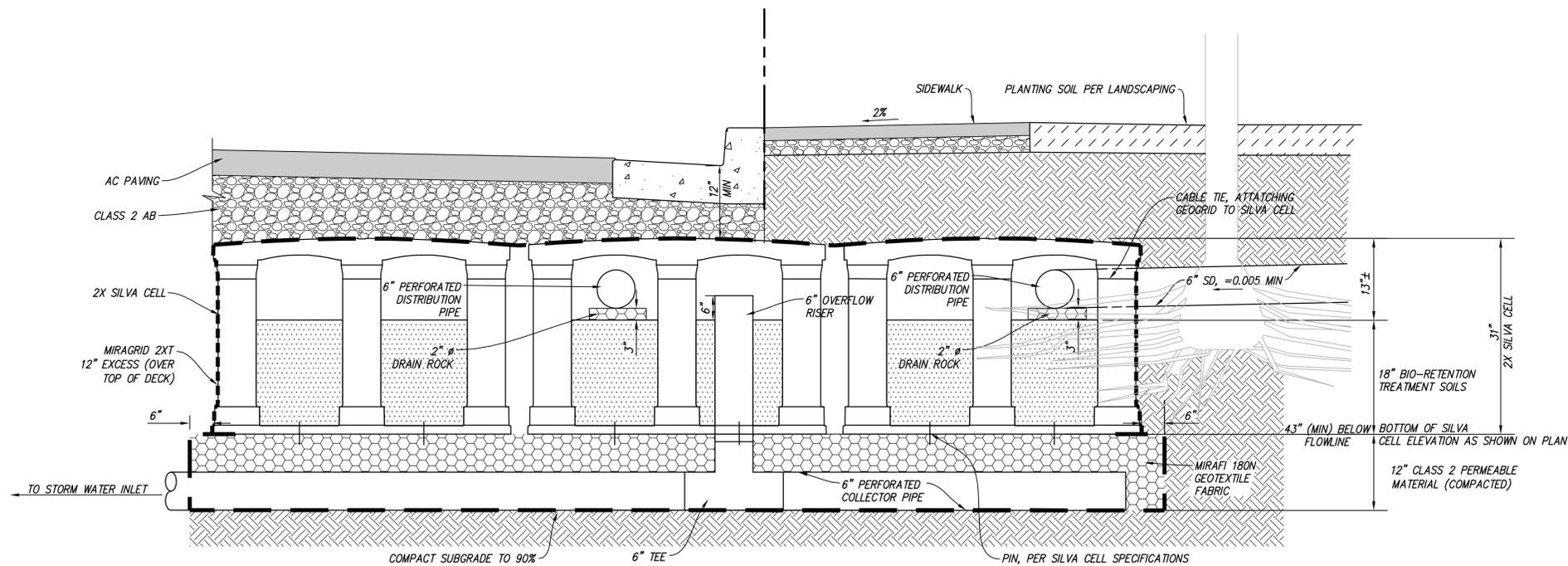
**2** BUBBLE UP WITH ROCK RIPRAP DETAIL  
NOT TO SCALE



**3** DEEPEND CURB AT BIORETENTION AREA  
NOT TO SCALE



**4** CURB OPENING AT BIO-RETENTION AREA  
NOT TO SCALE



**5** TYPICAL SILVA CELL SECTION  
NOT TO SCALE

# VESTING TENTATIVE MAP TRACT 8427 - B STREET STORM WATER TREATMENT DETAILS

CITY OF HAYWARD, ALAMEDA COUNTY, CALIFORNIA



**RUGGERI-JENSEN-AZAR**  
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