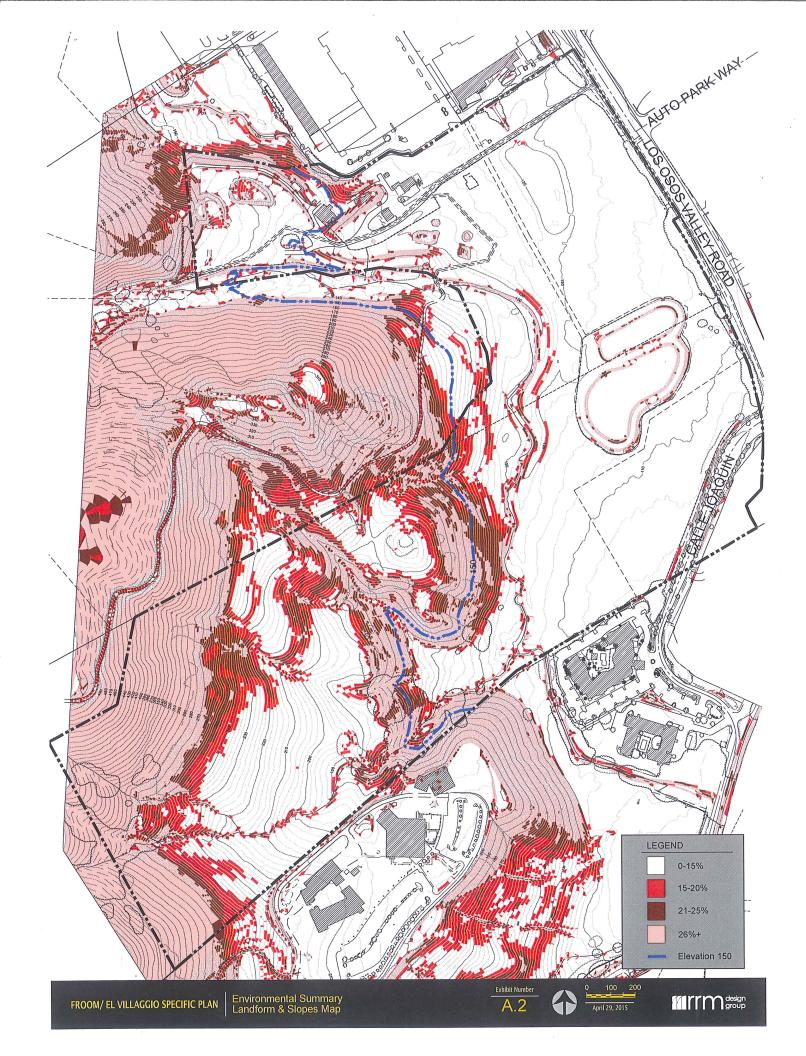
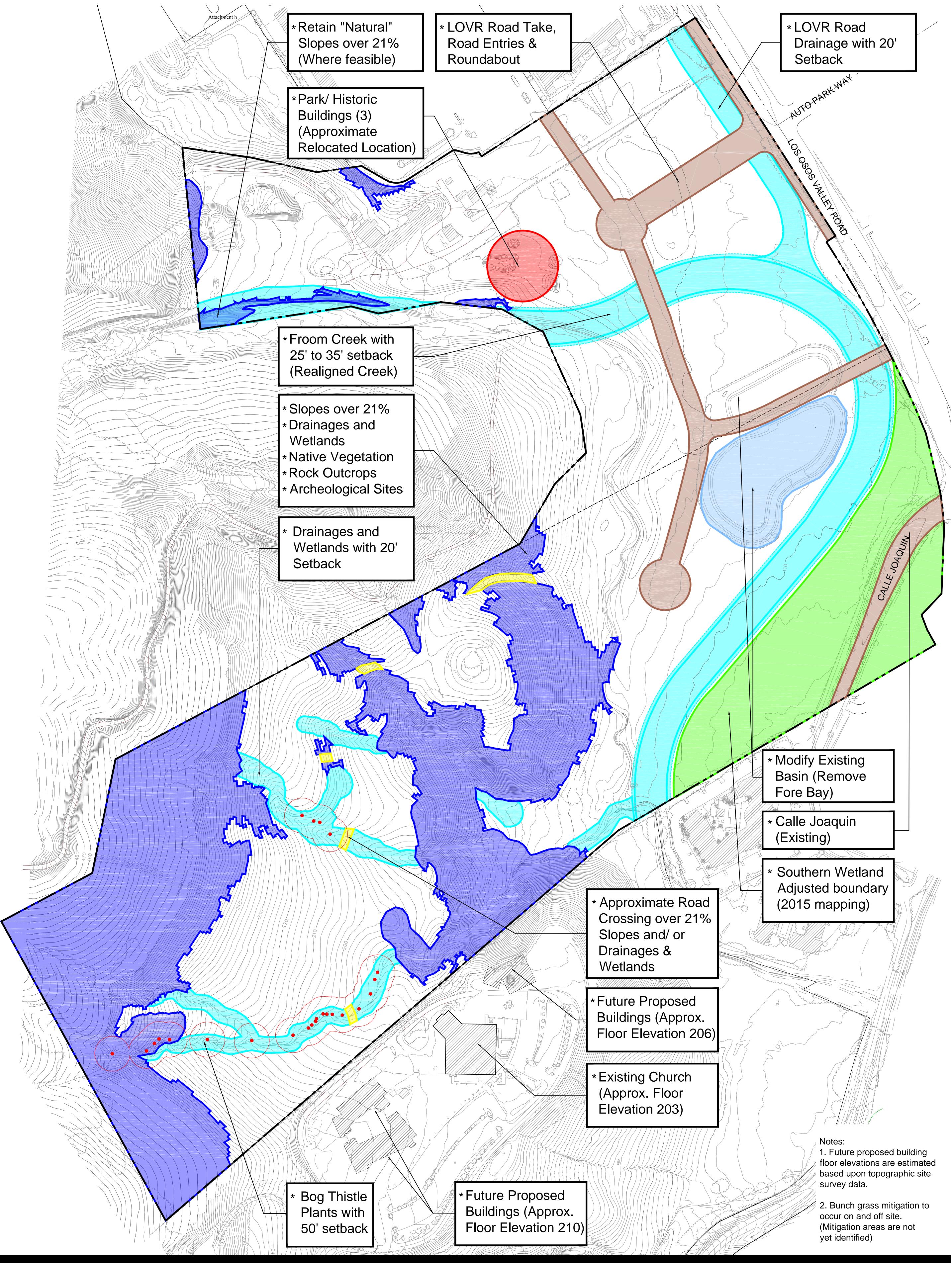


1)





FROOM/ EL VILLAGGIO SPECIFIC PLAN April 2015

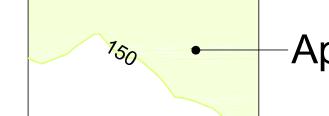
April 2015 Pre-Application Basis for Design Studies







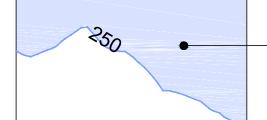
LEGEND



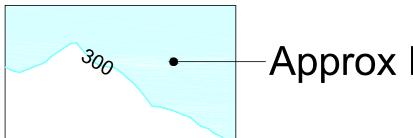
Approx Elevation 150 to 200



Approx Elevation 200 to 250



Approx Elevation 250 to 300



Approx Elevation 300 to 350

Notes:

1.Topography compiled from Froom Ranch Topographic Survey, City of San Luis Obispo 2 meter contours, and USGS Topography Maps.

2.Map compiled from Froom Ranch Topographic Survey, Aerial Data, and Hillside Planning Areas (Figure 7 of LUCE).

ADONNA ROAD

ROJECT

Existing Residences – (Approx. Elev. 250 to 300)

Existing Residences (Approx. Elev. 300 to 350)

5

Area J Prefumo Existing Residence – (Approx. Elev. 480)

Existing Residence (Approx. Elev. 250)

LAGUNA LAKE

 Existing Residences and Middle School (Approx. Elev. 150 to 200)

Area I Billy Goat Acres

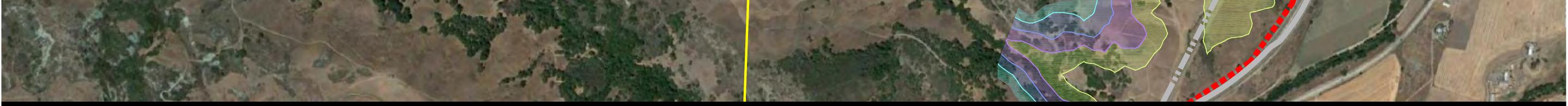
> Mountainbrook Community Church (Approx. Elev. 203)

> > -KSBY (Approx. Elev. 200)

Area G

S

Joad



CITY LIMITS

Area H

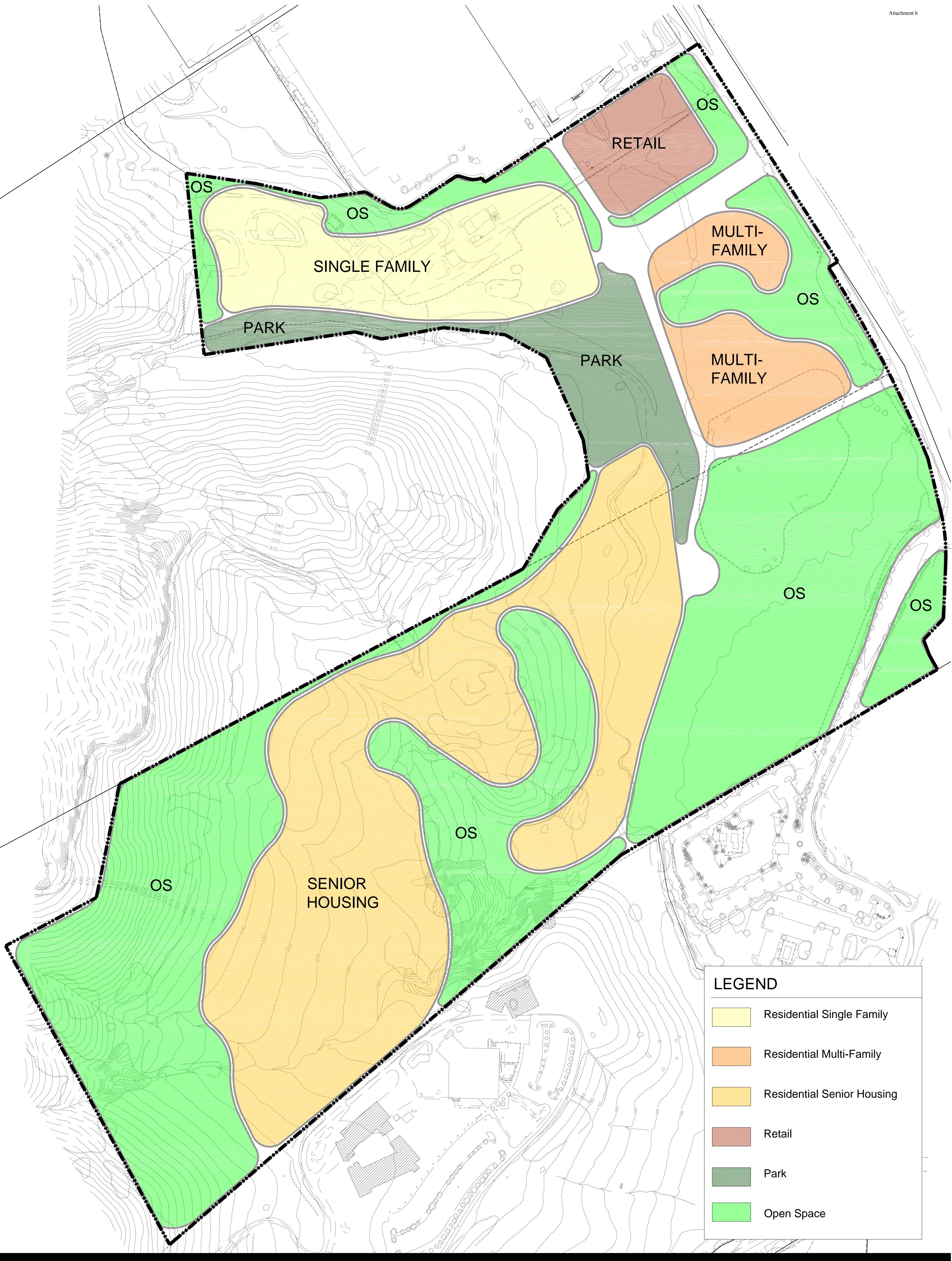
Irish Hills

FROOM/ EL VILLAGGIO SPECIFIC PLAN

Special Design Area 10 Existing Development Exceeding 150' Elevation





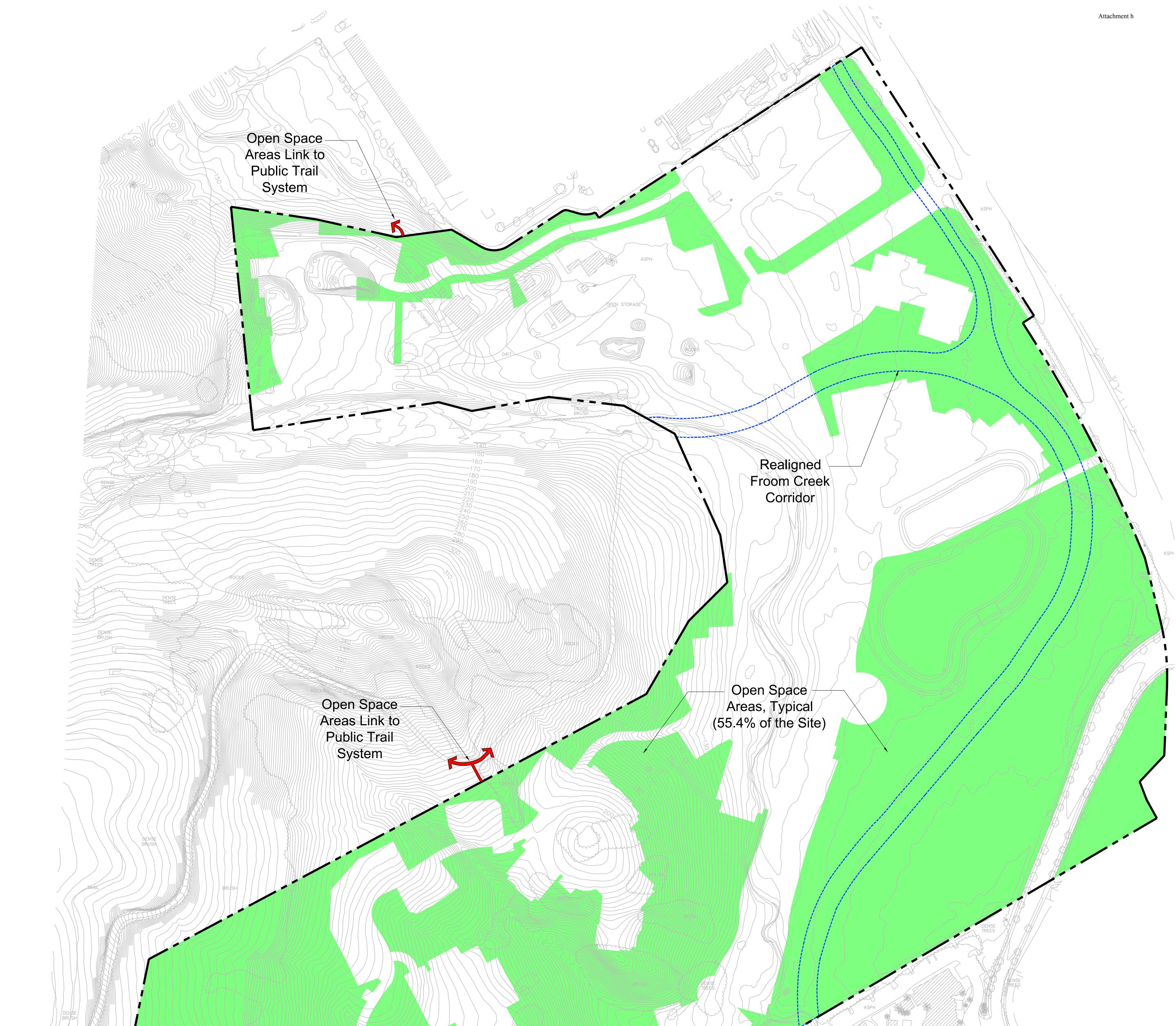




April 2015 Pre-Application Conceptual Land Uses



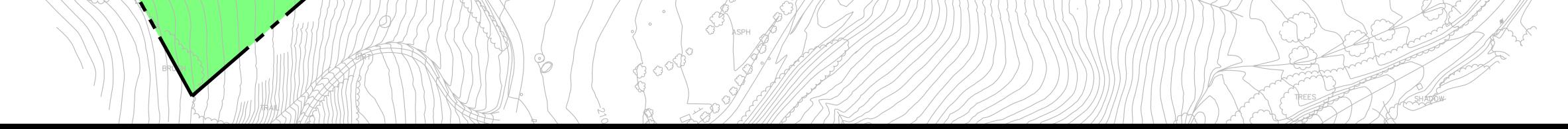




Open Space Areas are located to protect the sites sensitive areas, including but not limited to: DENSE

- Slopes over 21%
- Drainages and Wetlands
- Native Vegetation (including the Chorro Creek Bog Thistle)
- Rock Outcrops
- Archeological Sites

In addition to the open space areas shown, public parkland will be provided.

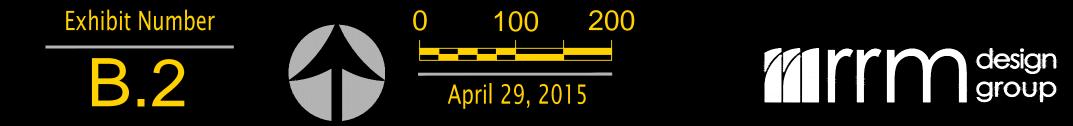


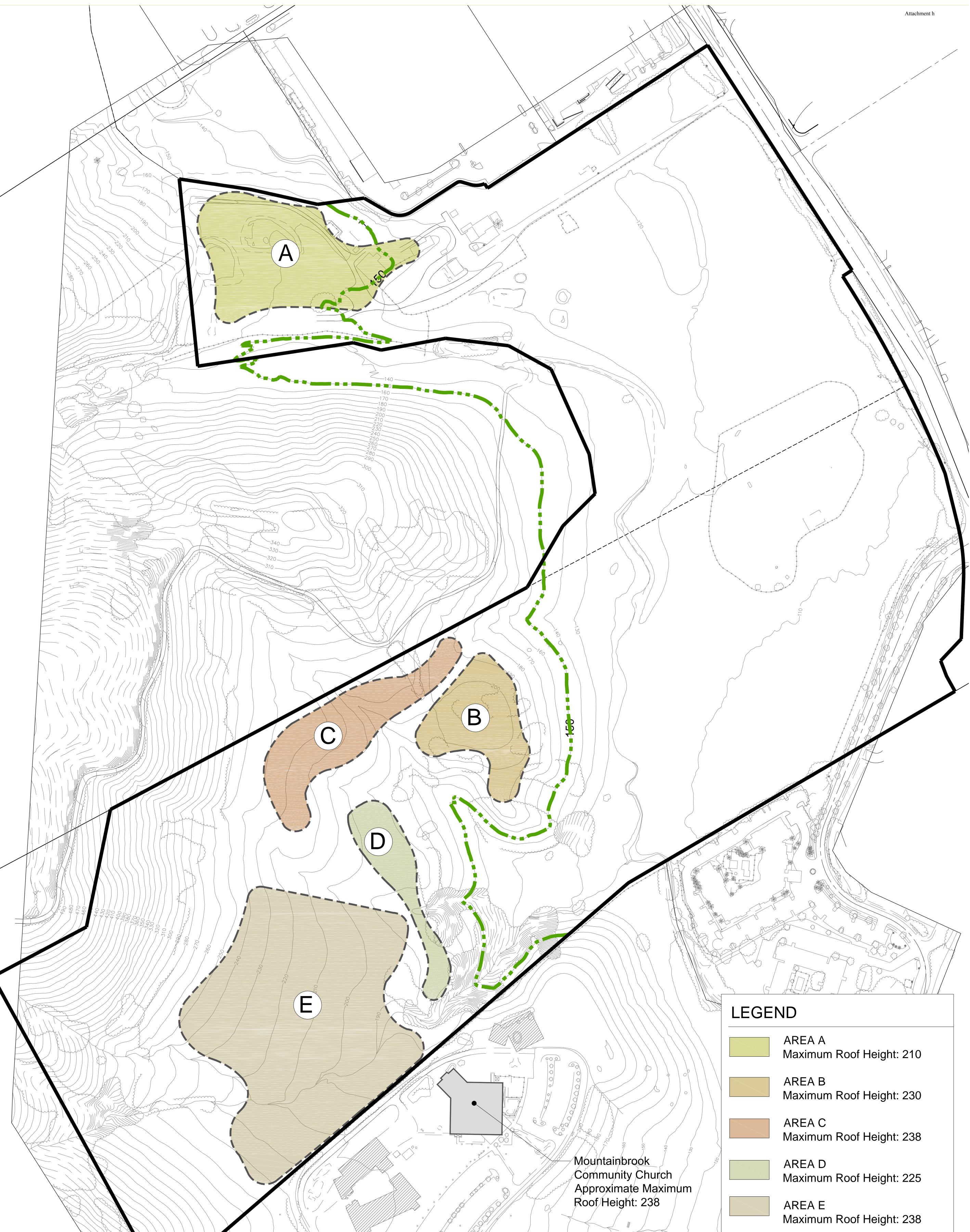
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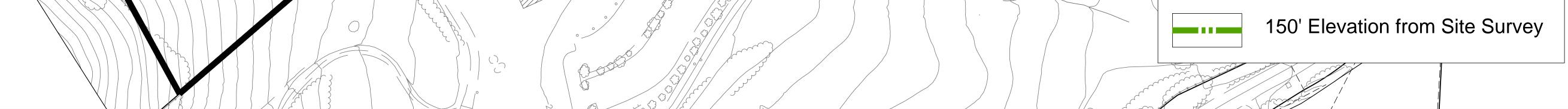
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FROOM/ EL VILLAGGIO SPECIFIC PLAN







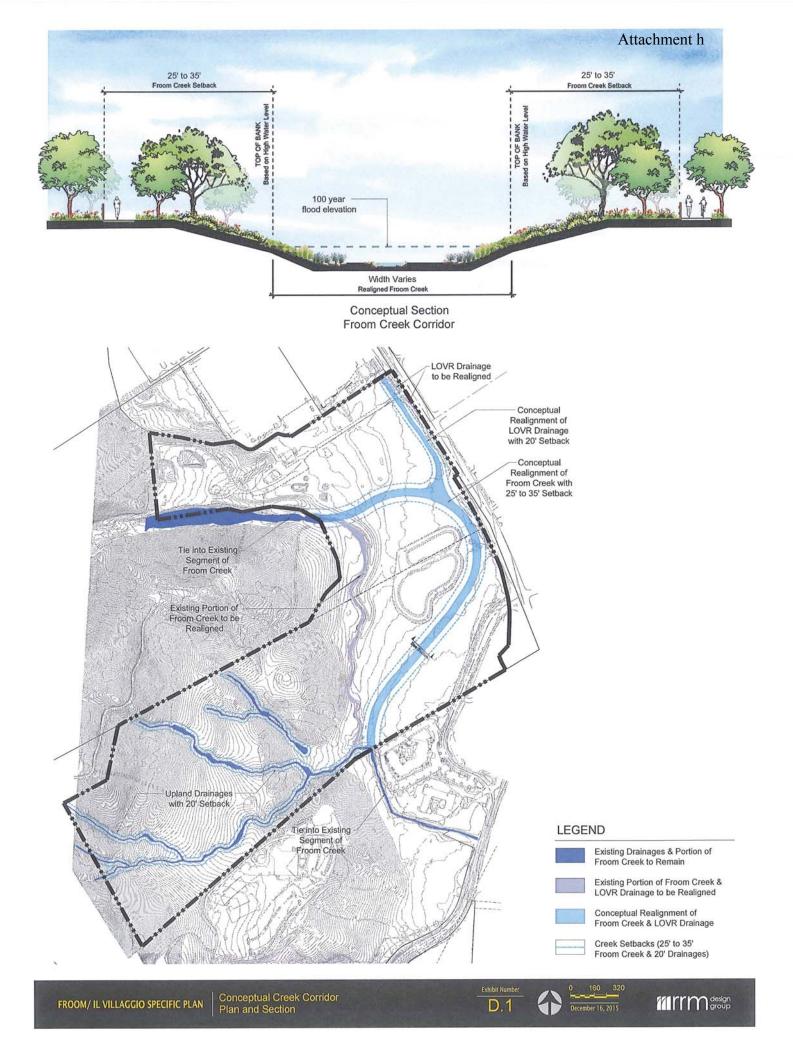


FROOM/ EL VILLAGGIO SPECIFIC PLAN April 2015 Pre-Appli Conceptual Building

April 2015 Pre-Application Conceptual Building Heights







Attachment h



MEMORANDUM

Date: February 26, 2015				
To: Victor Montgomery	Organization: RRM Design Group			
From: William Strand	Title: Manager of Engineering			
Project Name:	Project Number: 1014012			
Froom Ranch Specific Plan (Il Villaggio)				
Topic: Froom Ranch Specific Plan (II Villaggio) Stormwater				

Location and Existing Conditions

The Froom Ranch Specific Plan (II Villaggio) project is located in the city of San Luis Obispo, California on the west side of Los Osos Valley Road and approximately 600 feet northwest of Highway 101. The project boundary is approximately 111 acres with approximately 76 acres proposed to be developed. The site is underlain by soils with high clay content which are poorly suited for infiltration (5.). The site is mainly undeveloped and used as range land with approximately 4 existing buildings and dirt roads at the northern end of the site. An existing drainage channel (Q_{100} = 102 cfs) runs south along Los Osos Valley Road conveying runoff from upstream development through the property (L). Froom Creek also flows through the site along the northwestern and southeastern boundaries and has a 100-year flow rate of 1,066 cfs (2.). Approximately 28 acres (37%) of the project area lies within the FEMA 100-year floodplain (Zone A). The site has two existing stormwater basins that receive runoff from the adjacent Home Depot and Irish Hills commercial sites. The basin serving the Home Depot development was sized to retain a water quality volume equal to the 95th percentile capture volume of 1.27 ac-ft. The detention basin serving the Irish Hills shopping center has a capacity of 2.03 ac-ft. (sized per County of San Luis Obispo Standards to detain the 50-year storm while discharging at the 2-year storm flow rate).

Proposed Development

Proposed improvements include the construction of approximately 55 acres of single family, multi-family, and assisted living and 21 acres of commercial developments. Existing drainage patterns along Los Osos Valley Road, and Froom Creek will be maintained. Froom Creek will be slightly re-aligned and modified to contain the 100-year storm event; however, the channel will still release at the historical point of discharge. A channel with a capacity of 102 cfs will be constructed to convey flows parallel to Los Osos Valley Road. Above and below ground stormwater basins will be constructed to provide storage for the existing 1.27 ac-ft. Home Depot basin and 2.03 ac-ft. Irish Hills basin. Culverts and channels will be designed to provide capacity for flows from the 100-year storm event. No upgrades to culverts at Highway 101 are proposed.

Stormwater Requirements

Stormwater requirements are listed in the <u>Post-Construction Stormwater Management</u> <u>Requirements for Development Projects in the Central Coast Region</u>. The proposed improvements to the Froom Ranch property will require compliance with Runoff Retention and Peak Management. The design of this project will be driven by the Runoff Retention requirement since this volume is greater than the Peak Management Volume.

Total

Runoff Retention

Most of the proposed project area lies within Watershed Management Zone 1—requiring capture of the 95th percentile storm event without runoff for water quality (3.). The 95th percentile storm depth is 2.0 inches. Since harvesting/reuse and infiltration are infeasible, retention volumes shall be multiplied by 1.2. The total required runoff retention volume is 10.91 acre-ft.

1	2.0	Commercial	Coeff. 0.75	20.95	ft.) 3.14	
2	2.0	CCRC	0.75	11.16	1.67	
3	2.0	Residential	0.70	27.04	3.79	
4	2.0	Residential	0.70	16.51	2.31	
				75.66	10.91	Total

Peak Management

Post-development peak flows discharged from the site shall not exceed pre-project peak flows for the 2- through 10-year storm events (respective depths of 2.00" and 4.51") (4.). The required Peak Management volume is 7.71 acre-ft.

Sub- Basin #	Pre- Dev. Runof f Coeff	Proposed Landuse	Post- Dev. Runoff Coeff.	Dev. Area (acre s)	2-Year, 24 Hr Depth (in.)	10- Year, 24 Hr Depth (in.)	2-Year Peak Manageme nt Volume (ac-ft)	10-Year Peak Manageme nt Volume (ac-ft)
1	0.45	Commerci al	0.75	20.95	2.00	4.51	1.05	2.36
2	0.45	CCRC	0.75	11.16	2.00	4.51	0.56	1.26
3	0.45	Residential	0.70	27.04	2.00	4.51	1.13	2.54
4	0.45	Residential	0.70	16.51	2.00	4.51	0.69	1.55
				75.66				7.71

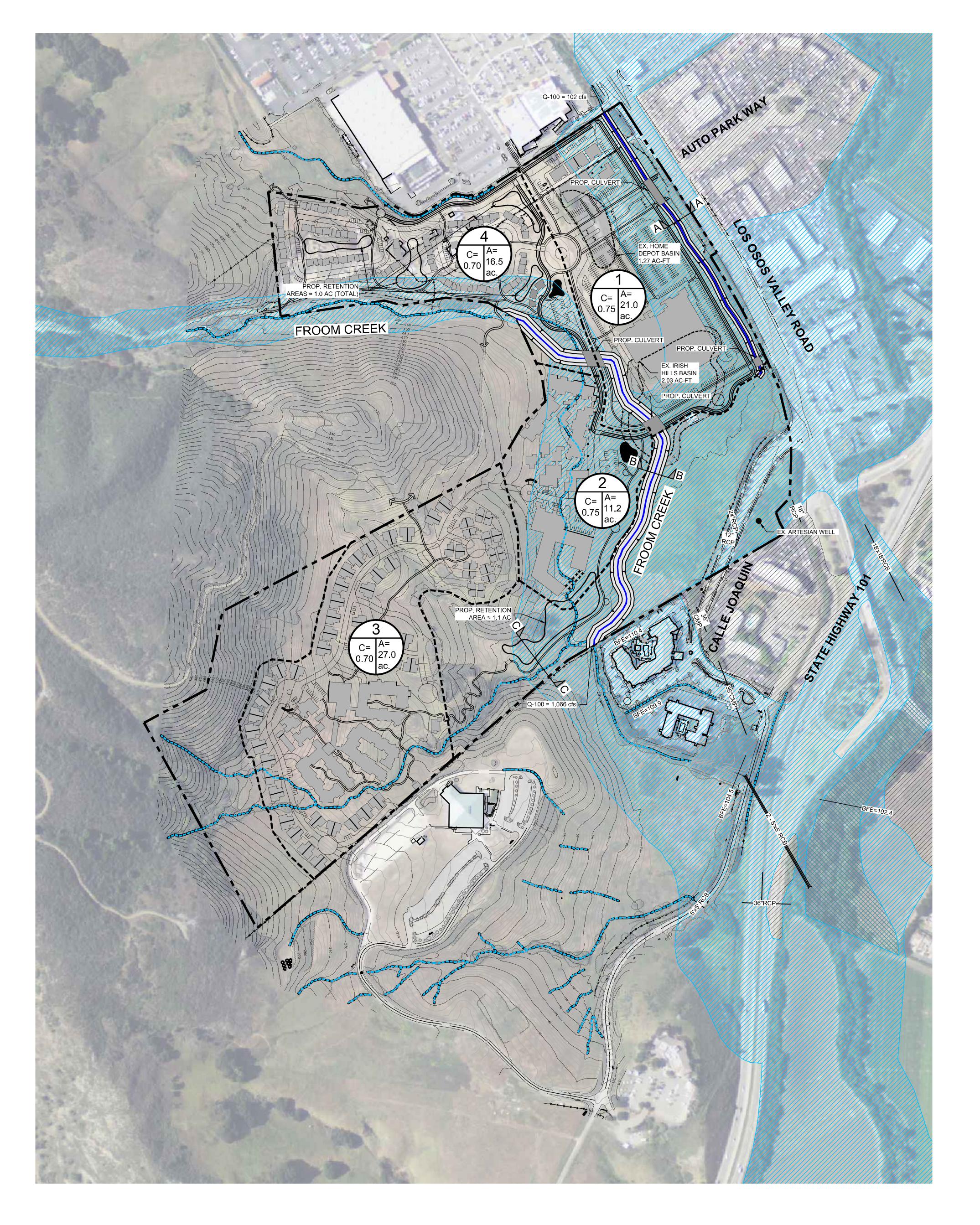
Existing On-site Retention Ponds

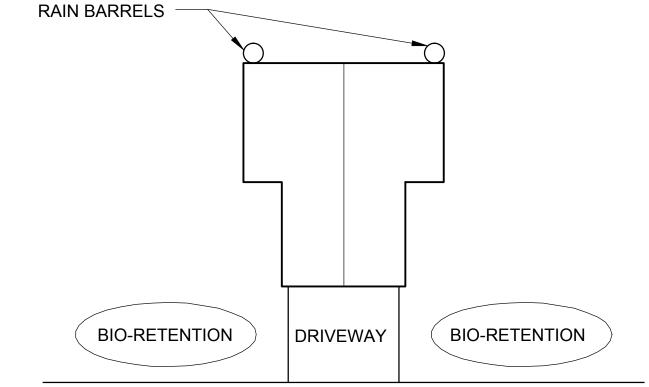
Sub-	Pre-	Landuse	Post-	Dev.	95th	Detention	95th
Basin	dev.		Dev.	Area	Percentil	Basin	Percentile
	Runoff		Runoff	(acres)	e Depth	(Q-50 – Q-	Capture
	Coeff.		Coeff.		(inches)	2) ac-ft.	Vol. (ac-ft)
Home	0.45	Commerci	0.75	10.14	2.0		1.27
Depot		al					
Irish Hills	0.45	Commerci	0.75	18.62	2.0	2.03	2.33
		al					

Notes:

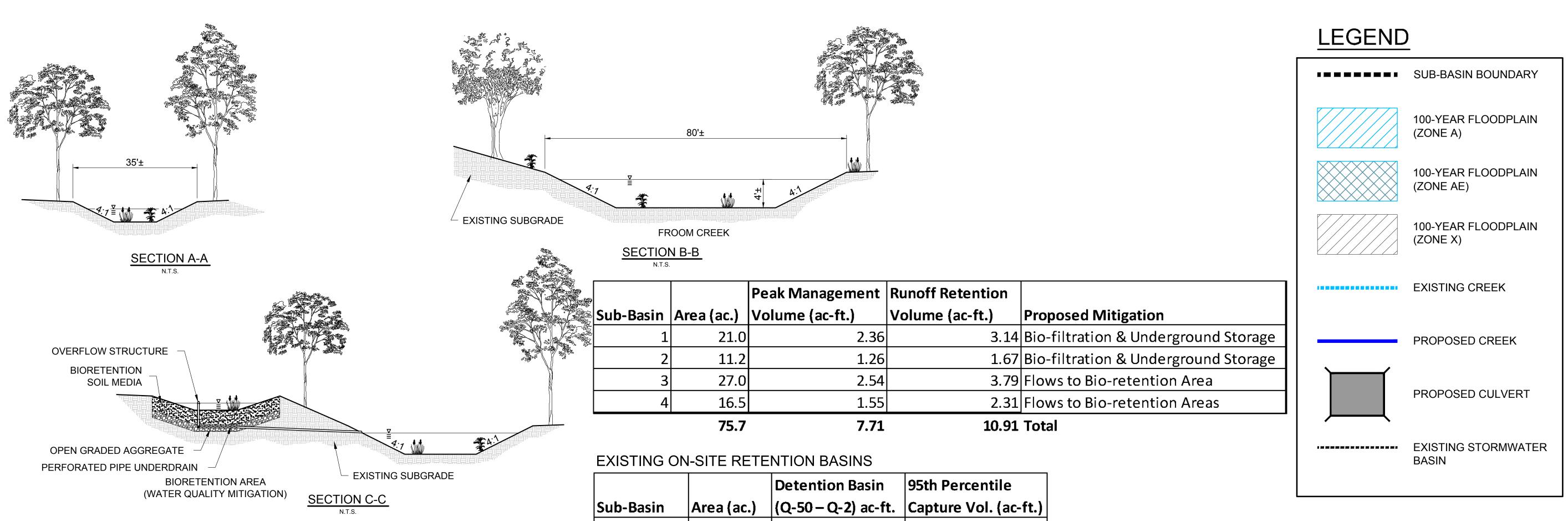
1. Per pg. V-6, Eagle Hardware EIR 10-1-2014

- 2. Per pg. 22, Revised Hydraulic Study Report Los Osos Valley Road/US 101 Interchange Improvement Project. November 2010. San Luis Obispo County
- 3. Per Section B.4 Post Construction Stormwater Management Requirements for Development Projects in the Central Coast Region
- 4. Per Section B.5 Post Construction Stormwater Management Requirements for Development Projects in the Central Coast Region
- 5. Per USGS Web Soil Survey



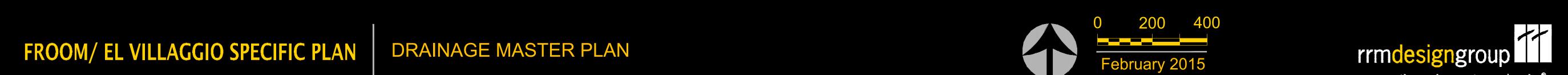




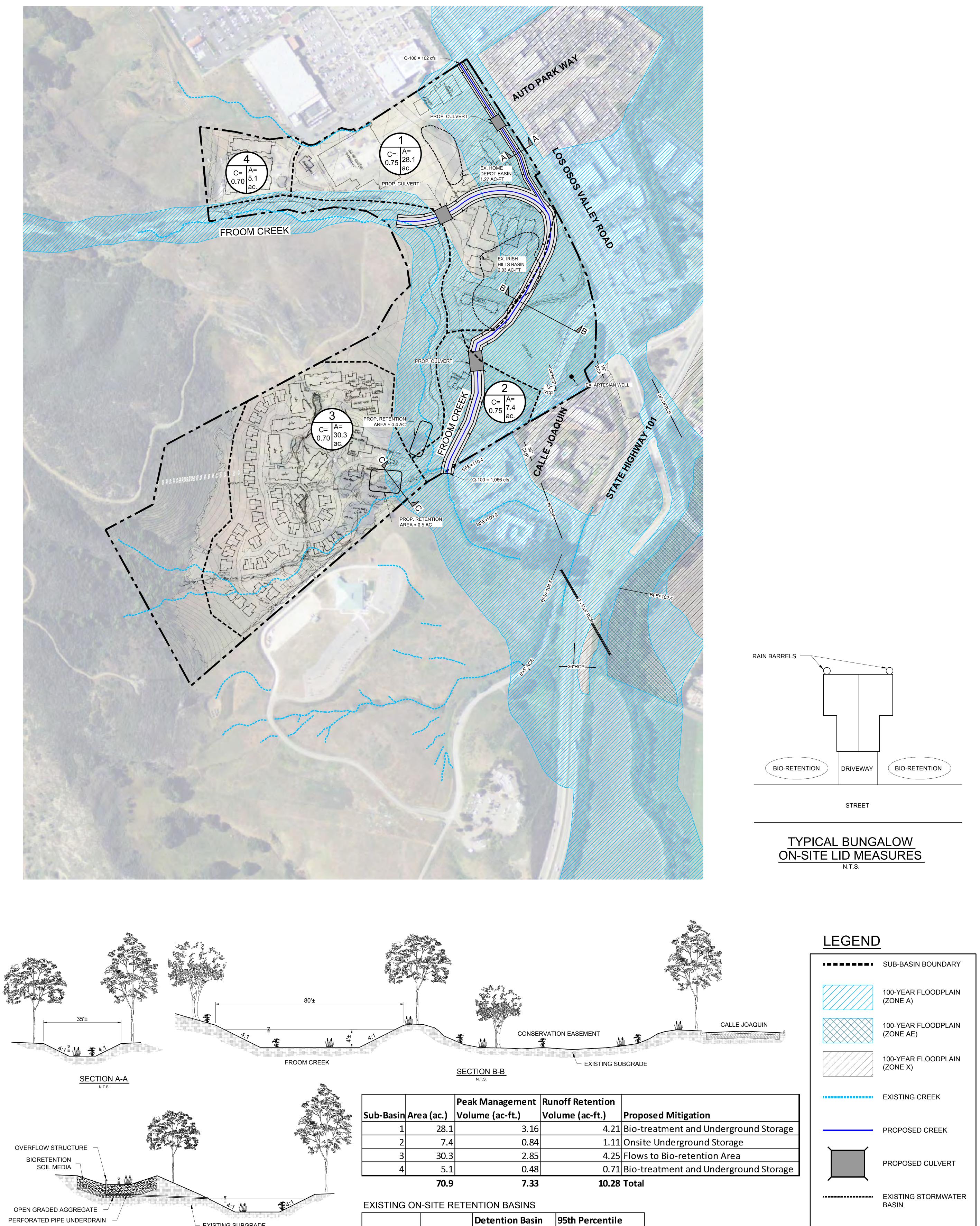


Sub-Basin	Area (ac.)	(Q-50 – Q-2) ac-ft.	Capture Vol. (ac-ft.)
Home Depot	10.14		1.27
Irish Hills	18.62	2.03	2.33

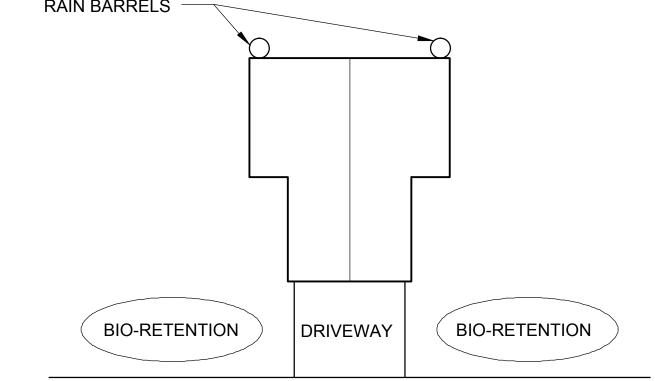


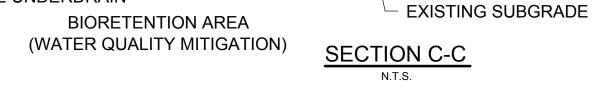


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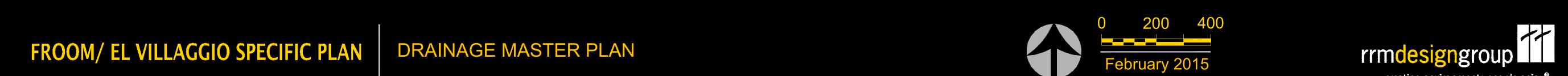
Attachment h





Sub-Basin	Area (ac.)	(Q-50 – Q-2) ac-ft.	Capture Vol. (ac-ft.)	
Home Depot	10.14		1.27	
Irish Hills	18.62	2.03	2.33	

ALTERNATIVE #2



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