

Client
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2600 EL CAMINO REAL, SUITE 410
PALO ALTO, CA 94306
TEL: 650.344.1500

Architecture
KOHN PEDERSEN FOX ASSOCIATES PC
ONE LLK STUDIO
11 WEST 42ND STREET
NEW YORK, NY 10036
TEL: 212.877.6000

Architecture
KOHN PEDERSEN FOX ASSOCIATES PC
2 EMBARCADERO CENTER
SAN FRANCISCO, CA 94111
TEL: 415.944.5491

Landscape Architecture
OLIN
1617 JOHN F. KENNEDY BOULEVARD, SUITE 1900
PHILADELPHIA, PA 19103
TEL: 415.440.0030

Civil
SANDS
1705 S. WINCHESTER BOULEVARD, SUITE 200
CAMPBELL, CA 95113
TEL: 408.698.0000

Lighting Design
ONE LLK STUDIO
158 WEST 20TH STREET, 10TH FLOOR
NEW YORK, NY 10011
TEL: 212.201.5790

Structure
DC ENGINEERS
135 MAIN STREET, SUITE 1800
SAN FRANCISCO, CA 94102
TEL: 415.781.1505

MEP
MEYERS+ENGINEERS
98 BATTERY STREET, SUITE 500
SAN FRANCISCO, CA 94111
TEL: 415.432.4101

Geotechnical
JANGHAN
10 SOUTH ALMADEN BOULEVARD, SUITE 500
SAN JOSE, CA 95113
TEL: 408.283.3000

Traffic
KIMLEY-HORN
10 SOUTH ALMADEN BOULEVARD, SUITE 1250
SAN JOSE, CA 95113
TEL: 869.804.4300

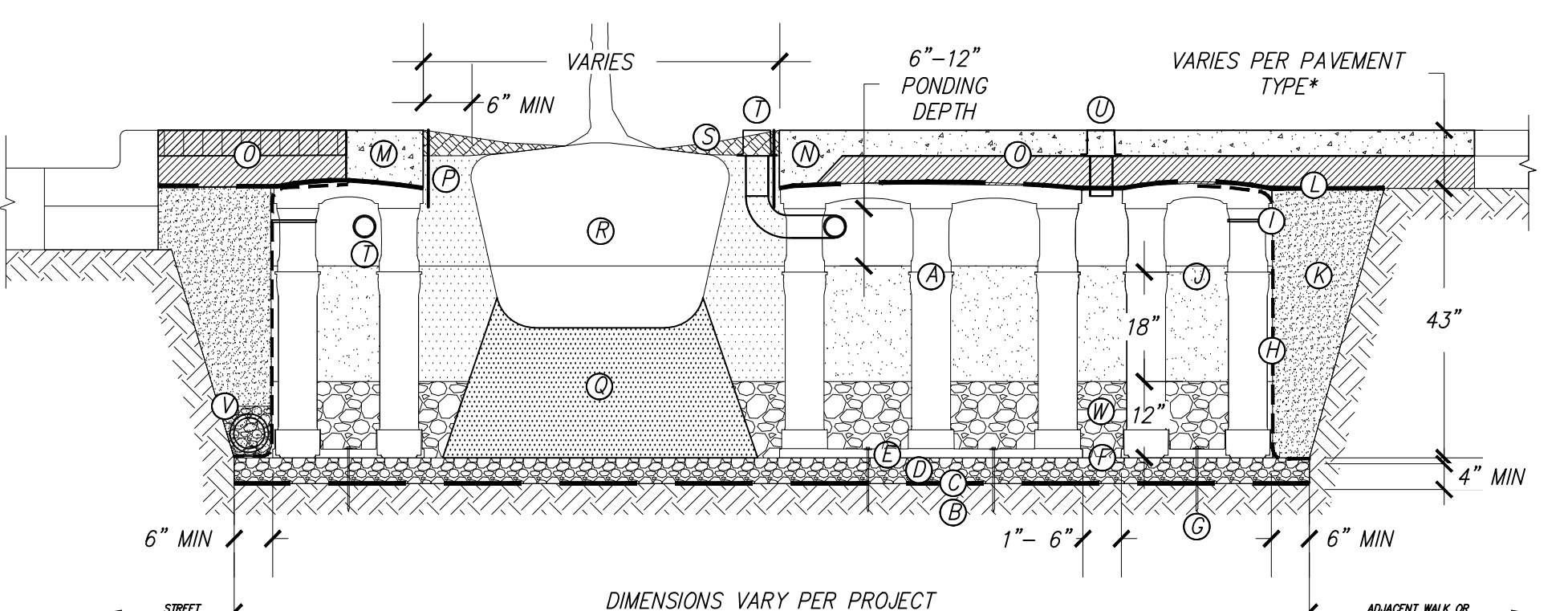
Parking Engineering
WATRY DESIGN, INC.
ONE GATEWAY PLACE, SUITE 650
SAN JOSE, CA 95110
TEL: 833.917.7275

Logistics
ARUP
800 MISSION STREET, SUITE 700
SAN FRANCISCO, CA 94105
TEL: 415.957.9445

BMP SUMMARY TABLE:

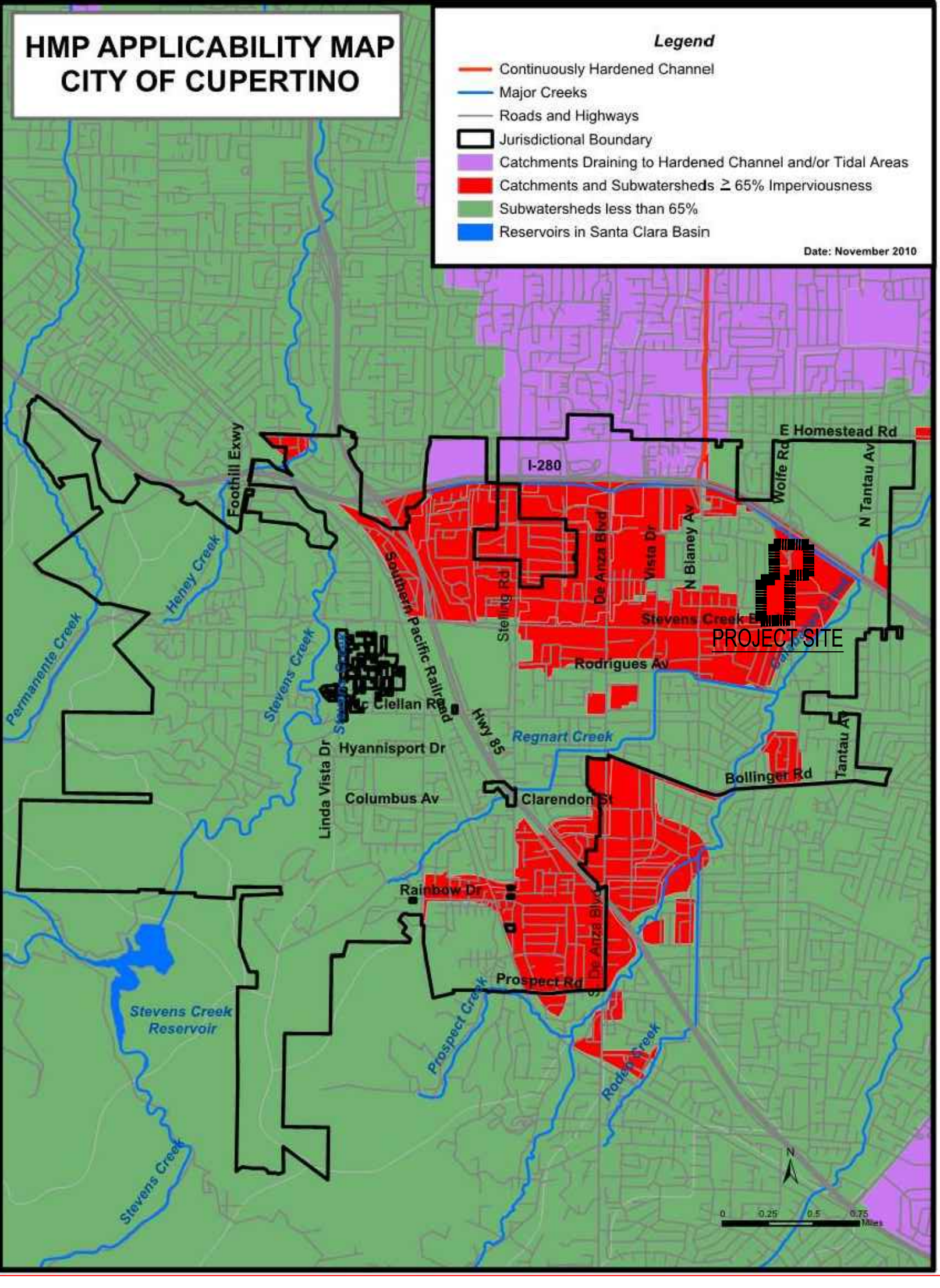
Drainage Area	TOTAL AREA	IMPERVIOUS AREA	PERVIOUS AREA	Percent Impervious	Evergreen Trees (each)	Deciduous Trees (each)	Existing Tree Canopy (sf)	Tree Credit ⁽¹⁾ (sf)	Net Impervious Area	Treatment Area	Treatment Control Method	Treatment Provided (sf)	Path to Treatment Area**	
1	47,627	1,009	44,471	1.02	3,156	0.07	0	0	1500	42971	1,719	2,240	A	
2	17,498	0.40	15,087	0.35	2,321	0.05	89.7%	0	900	14187	567	1,418	A	
3	17,750	0.41	15,149	0.35	2,601	0.06	85.3%	0	500	14649	586	1,464	A	
4	55,602	1.28	49,996	1.15	5,006	0.11	90.9%	0	2300	47996	1,908	2,184	A	
5	22,717	0.52	19,907	0.45	3,210	0.07	85.9%	0	1600	17907	716	1,544	A	
6	18,960	0.39	14,947	0.34	2,013	0.05	88.1%	0	1200	13747	550	1,374	A	
7	24,592	0.56	19,881	0.46	4,711	0.11	80.8%	0	1500	18381	743	1,838	A	
8	18,287	0.42	16,133	0.37	2,154	0.05	88.2%	0	800	15933	651	1,784	A	
9	12,343	0.28	11,848	0.27	495	0.01	96.0%	0	0	11848	474	1,374	A	
10	35,109	0.81	30,704	0.70	4,405	0.10	87.5%	0	1600	29104	1,164	1,824	A	
11	18,622	0.43	15,694	0.35	3,269	0.08	89.6%	0	1600	13464	538	1,464	A	
12	36,543	0.84	27,085	0.62	9,458	0.22	74.1%	0	1100	25685	1,039	1,120	A	
13	21,765	0.50	18,495	0.42	3,270	0.08	85.0%	0	1800	16995	668	1,724	A	
14	28,870	0.69	23,870	0.69	0	0.00	100.0%	0	0	28870	1,195	1,792	B	
15	32,484	0.75	31,529	0.72	955	0.02	97.1%	0	300	31229	1,249	1,538	B	
16	38,579	0.89	35,930	0.82	2,649	0.08	93.1%	0	800	35330	1,413	1,538	B	
17	14,582	0.33	12,029	0.28	2,553	0.06	82.9%	0	800	11229	449	1,249	B	
18	61,700	1.42	59,232	1.36	2,468	0.06	96.0%	0	600	58632	2,345	2,416	B	
19	33,410	0.77	33,410	0.77	0	0.00	100.0%	0	0	33410	1,336	1,344	A,B	
20	33,233	0.78	33,233	0.78	0	0.00	100.0%	0	0	33233	1,329	1,690	B	
21	48,822	1.12	35,889	0.82	12,933	0.30	73.9%	0	4700	31189	1,248	1,600	A	
22	9,600	0.22	9,600	0.22	0	0.00	100.0%	0	0	9600	384	672	B	
23	23,788	0.55	23,788	0.55	0	0.00	100.0%	0	0	23788	951	1,120	B	
24	45,913	1.05	45,913	1.05	0	0.00	100.0%	0	0	45913	1,837	2,240	B	
25	33,388	0.77	33,388	0.77	0	0.00	100.0%	0	0	33388	1,338	1,400	B	
26	14,202	0.33	14,203	0.33	-1	0.00	100.0%	0	0	14203	588	672	B	
27	30,455	0.70	30,455	0.70	0	0.00	100.0%	0	0	30455	1,218	1,344	B	
28	17,177	0.39	17,177	0.39	0	0.00	100.0%	0	0	17177	687	728	B	
29	65,402	2.19	65,503	1.98	10,089	0.23	89.4%	0	300	65003	3,460	4,000	A,B	
30	12,765	0.29	12,765	0.29	0	0.00	100.0%	0	0	12765	511	511	A	
31	29,995	0.69	29,995	0.69	0	0.00	100.0%	0	0	29995	1,200	1,512	B	
32	72,305	1.66	48,742	1.14	22,563	0.52	68.8%	0	500	46242	1,970	2,000	A,B	
33	28,185	0.60	28,185	0.60	0	0.00	100.0%	0	0	28185	1,047	1,120	B	
34	15,777	0.36	15,777	0.36	0	0.00	100.0%	0	0	15777	631	672	B	
35	7,033	0.16	7,033	0.16	0	0.00	100.0%	0	0	7033	281	281	B	
36	33,905	0.78	33,903	0.70	3,002	0.08	89.4%	0	1	109	32933	1,210	1,344	B
37	16,996	0.39	16,997	0.39	-1	0.00	100.0%	0	0	16997	660	728	B	
38	32,169	0.74	28,806	0.66	3,363	0.08	89.5%	0	800	28006	1,120	1,200	A,B	
39	18,216	0.37	18,216	0.37	0	0.00	100.0%	0	0	18216	649	672	B	
40	48,117	1.10	48,117	1.10	0	0.00	100.0%	0	0	48117	1,925	2,240	B	
41	15,151	0.35	15,151	0.35	0	0.00	100.0%	0	0	15151	608	672	B	
42	24,051	0.55	24,050	0.55	1	0.00	100.0%	0	0	24050	922	1,120	B	
43	28,046	0.60	28,046	0.60	0	0.00	100.0%	0	0	28046	1,042	1,120	B	
44	37,484	0.86	17,162	0.39	20,302	0.47	45.8%	0	36	7362	1052	248	672	A
45	34,407	0.79	13,251	0.30	21,156	0.48	38.5%	0	200	13051	522	672	A	
46	28,635	0.61	18,837	0.43	7,798	0.18	70.7%	0	1800	17037	681	1,120	A	
47	10,502	0.24	8,150	0.19	2,352	0.05	77.6%	0	5	500	7650	306	TBD	
48	23,176	0.53	21,814	0.50	1,362	0.03	84.1%	0	300	21514	811	1,120	A	
49	32,804	0.75	28,670	0.66	4,134	0.09	87.4%	0	1600	27070	1,083	1,232	A	
50	34,143	0.78	20,337	0.47	13,806	0.32	59.6%	0	2100	18237	729	800	A	
51	47,407	1.09	47,407	1.09	0	0.00	100.0%	0	0	47407	1,808	2,000	B	
52	22,576	0.52	22,576	0.52	0	0.00	100.0%	0	0	22576	875	996	B	
53	48,712	1.12	48,712	1.12	0	0.00	100.0%	0	0	48712	1,948	2,000	B	
54	53,384	1.23	53,383	1.22	1	0.00	100.0%	0	0	53383	2,131	2,240	B	
55	21,578	0.50	21,577	0.50	1	0.00	100.0%	0	0	21577	863	1,120	B	
56	18,201	0.42	18,200	0.42	1	0.00	100.0%	0	0	18200	728	840	B	
57	66,510	1.53	52,281	1.20	14,229	0.33	78.6%	0	900	51381	2,055	2,240	A,B	
58	74,138	1.70	18,744	0.45	55,394	1.25	29.9%	0	1500	18294	729	800	A	
59	54,022	1.24	48,153	1.06	7,869	0.18	85.4%	0	1000	45153	1,806	1,960	B	
60	82,815	1.90	62,814	1.50	20,001	0.45	78.6%	0	300	82514	3,301	3,520	B	
61	46,464	1.07	46,463	1.07	1	0.00	100.0%	0	0	46163	1,847	2,184	B	
62	10,423	0.24	8,349	0.19	2,074	0.05	80.1%	0	700	7649	306	560	A	
63	46,980	1.08	38,967	0.85	10,013	0.23	78.7%	0	29	7599	2617	1,944	A	
64	30,867	0.71	21,619	0.50	9,248	0.22	69.8%	0	16	4916	600	672	A	
65	48,016	1.10	40,532	0.93	7,484	0.17	84.4%	0	1400	39132	1,565	TBD	A	
TOTAL***	2,155,303	49.48	1,671,405	43	283,898	7	86.8%	0	461	19420	65520	72,235	82,736	

⁽¹⁾200 square feet per proposed evergreen tree, 100 square feet per proposed deciduous tree, square footage under the tree canopy for each existing tree
⁽²⁾Drainage to street flow on surface, captured via storm inlets and directed to treatment areas
⁽³⁾Roof Drainage to be captured via rainwater leaders and directed to treatment areas
⁽⁴⁾Total area excludes proposed pools being directed to sanitary sewer



SILVA CELL SYSTEM 3X
NOT TO SCALE

- KEY PLAN**
- (A) SILVA CELL SYSTEM (DECK, BASE, AND POSTS)
 - (B) SUBGRADE, COMPACTED
 - (C) GEOTEXTILE FABRIC, PLACED ABOVE SUBGRADE
 - (D) 4" MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
 - (E) SILVA CELL BASE SLOPE, 10% MAX
 - (F) 1" TO 6" SPACING BETWEEN SILVA CELLS AT BASE
 - (G) ANCHORING SPIKES, CONTACT DEEPFROOT FOR ALTERNATIVE
 - (H) GEOTEXTILE WRAPPED AROUND PERIMETER OF SYSTEM WITH 6" JOE (OUTWARD FROM BASE) AND 12" EXCESS (OVER TOP OF DECK)
 - (I) CABLE TIE, ATTACHING GEOTEXTILE TO SILVA CELL AT BASE OF UPPER LEO FLANGE, AS NEEDED
 - (J) BIO-TREATMENT SOIL, SOIL SHALL INFILTRATE RUNOFF AT A MIN. RATE OF 5" PER HOUR. SEE SOIL SPECS IN APPENDIX K OF THE SANTA CLARA COUNTY C.S. STORMWATER TECHNICAL GUIDANCE.
 - (K) COMPACTED BACKFILL, PER PROJECT SPECIFICATIONS
 - (L) GEOTEXTILE FABRIC TO EDGE OF EXCAVATION
 - (M) RIBBON CURB AT TREE OPENING (TO BE USED WITH PAVERS OR ASPHALT)
 - (N) THICKENED EDGE AT TREE OPENING (TO BE USED WITH CONCRETE)
 - (O) PAVEMENT AND AGGREGATE BASE PER PROJECT * MINIMUM PAVEMENT PROFILE OPTIONS TO MEET H-20 LOADING
 - 4" CONCRETE + 4" AGGREGATE BASE COURSE
 - 3" PAVEMENT + 12" AGGREGATE
 - 4" ASPHALT + 12" AGGREGATE
 - 2.5" PAVER + 5" CONCRETE
 - (P) DEEPFROOT ROOT BARRIER, 12" OR 18" DEPTH DETERMINED BY THICKNESS OF PAVEMENT SECTION, INSTALL DIRECTLY ADJACENT TO CONCRETE EDGE RESTRAINT
 - (Q) EXCAVATION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFETY REGULATIONS
 - (R) ROOT BALL
 - (S) TREE OPENING TREATMENT, PER PROJECT SPECIFICATIONS
 - (T) DEEPFROOT WATER AND AIR VENT, ROOTBALL, WHEN REQUIRED
 - (U) DEEPFROOT WATER AND AIR VENT, WHEN REQUIRED
 - (V) UNDERDRAIN SYSTEM, WHEN REQUIRED (LOCATION AND DETAILS BY OTHERS)
- NOTES:**
- EXCAVATION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFETY REGULATIONS
 - INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
 - PROVIDE SUPPLEMENTAL IRRIGATION



NOTE:
PROJECT IS EXEMPT FROM HYDROMODIFICATION BECAUSE IT IS LOCATED BY A WATERSHED THAT IS GREATER THAN 65% IMPERVIOUS.

FLOOD ZONE NOTE:
THE SITE IS CURRENTLY LOCATED IN FLOOD ZONE X ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) PANEL 209H, MAP #80502209H, DATED MAY 18, 2009. FLOOD ZONE X ARE AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

Date Form Completed:
Completed by:
Permit #:

City of Cupertino
Permit Provision C.3 Impervious Surface Data Form

Which Projects Must Comply with Stormwater Requirements?
All projects that create and/or replace 10,000 sq. ft. or more of impervious surface on the project site must fill out this worksheet and submit it with the development project application.

All restaurants, auto service facilities, retail gasoline outlets, and uncovered parking lot projects (standalone or part of another development project, including the top uncovered portion of parking structures) that create and/or replace 5,000 sq. ft. or more of impervious surface on the project site must also fill out this worksheet.

Interior remodeling projects, routine maintenance or repair projects such as re-roofing and re-paving, and single family homes that are not part of a larger plan of development are NOT required to complete this worksheet.

What is an Impervious Surface?
An impervious surface is a surface covering or pavement that prevents the land's natural ability to absorb and infiltrate rainfall/stormwater. Impervious surfaces include, but are not limited to: rooftops, walkways, paved patios, driveways, parking lots, storage areas, impervious concrete and asphalt, and any other continuous waterproof pavement or covering. Previous pavement, undrainable with previous soil or pervious storage material (e.g., drain rock), that infiltrates rainfall at a rate equal to or greater than surrounding unpaved areas OR that stores and infiltrates the water quality design volume specified in Provision C.3 of the Municipal Regional Stormwater Permit (MRSP), is not considered an impervious surface.

For More Information
For more information regarding selection of Best Management Practices for stormwater pollution prevention or stormwater treatment contact: _____

1. Project Information
Project Name: The Rise APN # 316-20-120 & 316-20-121
Project Address: 18123 N. Wolfe Rd. Cupertino, CA 95014
Cross Streets: Wolfe Road, 1280 South

Applicant/Developer Name: Valco Property Owner, LLC.

Project Phase(s): 1 of 1 Engineer, Sands

Project Type (Check all that apply): New Development Redevelopment
 Private Public
 Residential Commercial Industrial Mixed Use Institutional
 Restaurant Uncovered Parking Retail Gas Outlet Auto Service (SIC code: _____)
 Other _____ (5013-3014, 5541, 7532-7534, 7536-7539)

Project Description: Development of a mixed use project including office space, retail, residential units, and supporting infrastructure including utilities, site work and stormwater treatment.

Project Watershed/Receiving Water (creek, river or bay): Cahaba Creek

SCURPPP C.3. Data Form Page 1 of 4 September 2019

2. Project Site

a. Total Site Area: 49.48 acres

b. Total Site Area Disturbed: 39.88 acres (including clearing, grading, or excavation)

c. Total Impervious Area (IA): 1,960,173 sq. ft. Existing Area Retained: 0 Existing Area Replaced: 0 New Area Created: 1,871,405 Total Post-Project Area (IA): 1,871,405

d. Total new and replaced impervious area: 1,871,405

e. Total Pervious Area (PA): 100,130 sq.