Appendix A

Hydrologic Backup Information

Meadowood Pre-Project Soil Information

J:\15956\GIS\Meadowood_PreProject_Soils_DR.mxd

Exhibit Date: July 17, 2009

REC JN: 15956

0 300 600 1,200 Feet

Data Sources:
SSURGO Soils: 2007
Landiscor Aerial Photo: January 2006

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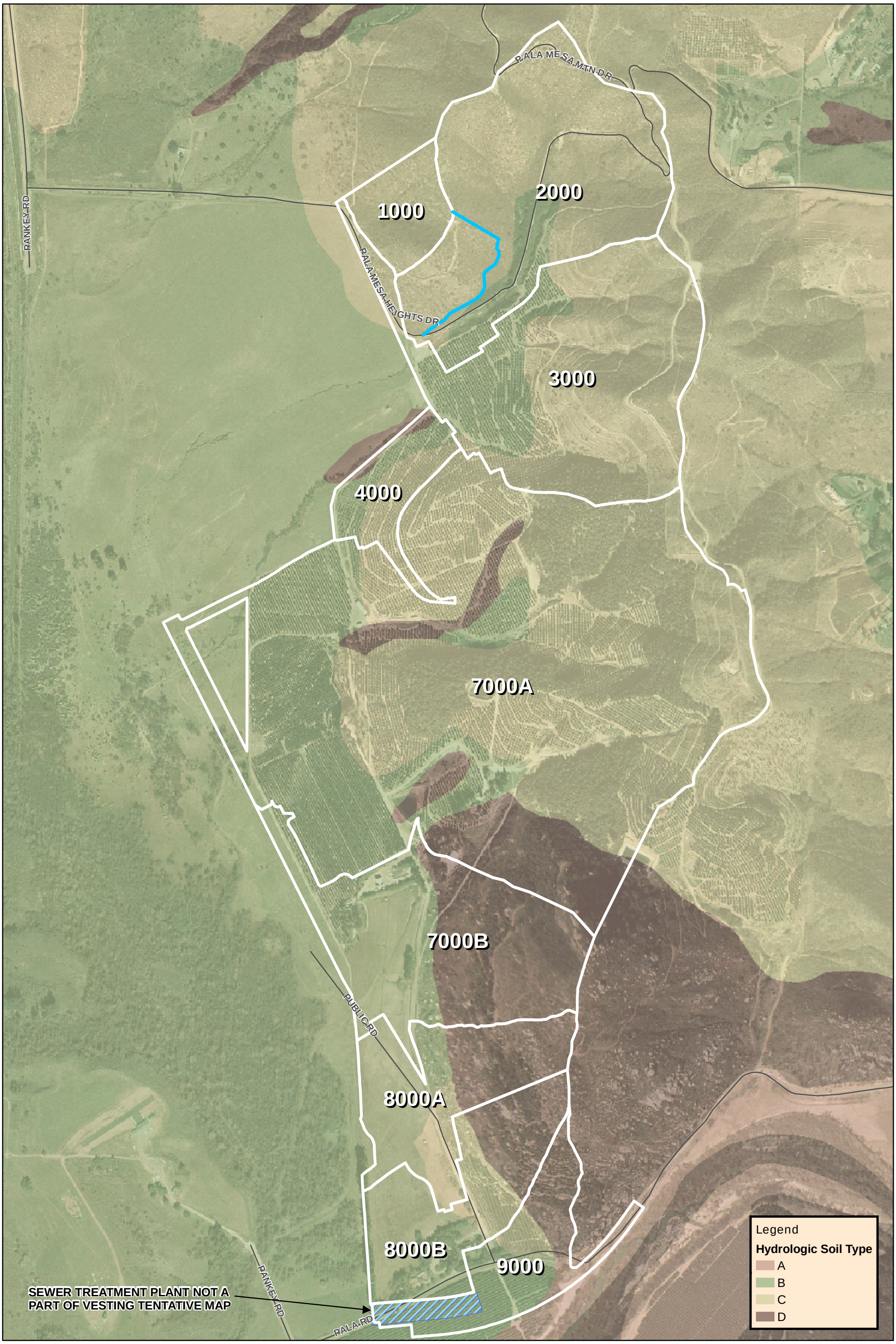

Meadowood Post-Project Soil Information

J:\15956\GIS\Meadowood_PostProject_Soils_20090714.mxd

Exhibit Date: July 17, 2009

REC JN: 15956

0 300 600 1,200 Feet

Data Sources:
Landiscor Aerial Photo: January 2006

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COMPOSITE LAND PLAN

MEADOWOOD / CAMPUS PARK / CAMPUS PARK WEST

APRIL, 2009

RICK ENGINEERING COMPANY
San Diego
5620 FRIARS ROAD
SAN DIEGO, CA 92110
619.291.0707
(FAX)619.291.4165
rickengineering.com
Riverside · Orange · San Luis Obispo · Bakersfield · Sacramento · Phoenix · Tucson

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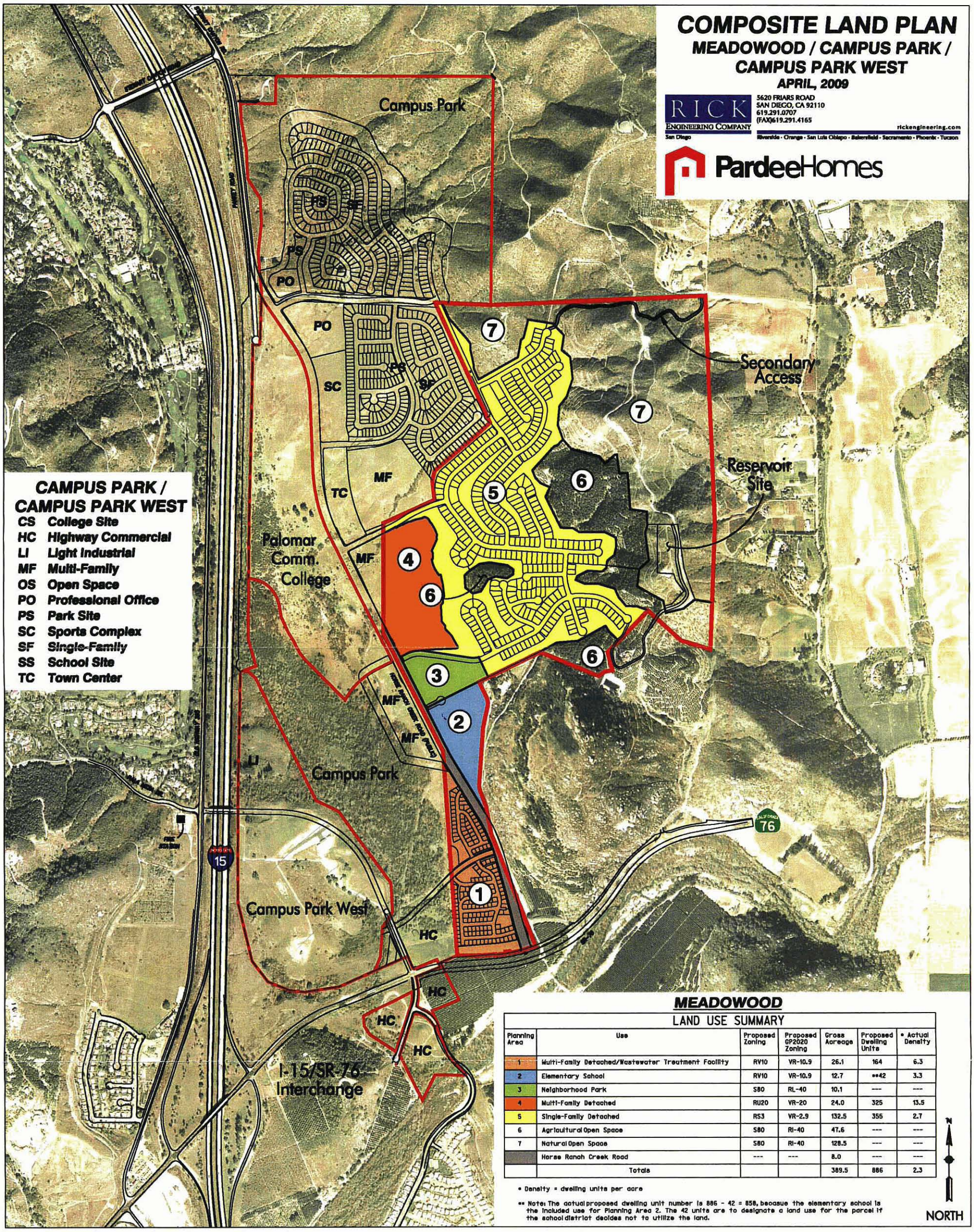


MEADOWOOD

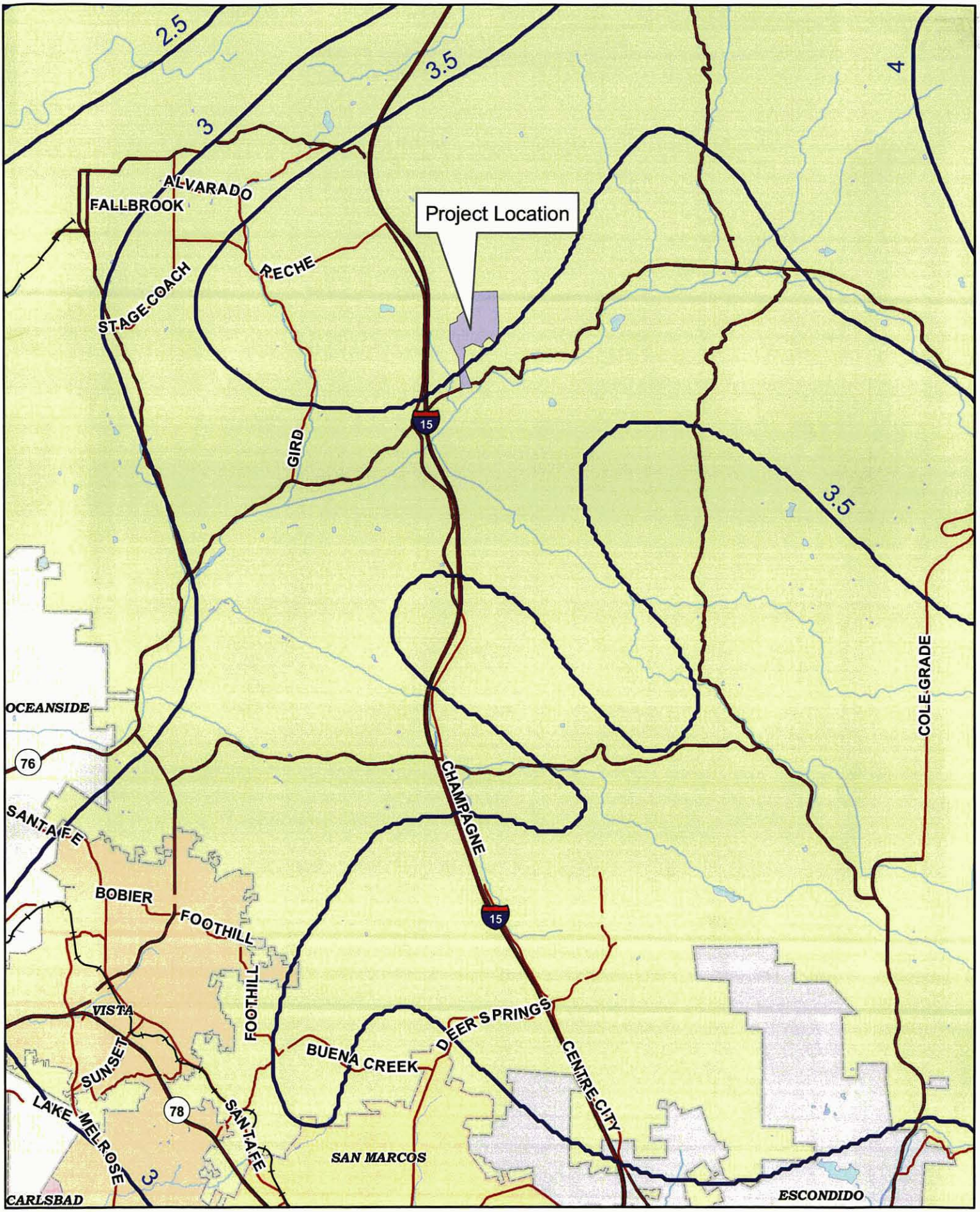
LAND USE SUMMARY

Planning Area	Use	Proposed Zoning	Proposed GP2020 Zoning	Gross Acreage	Proposed Dwelling Units	* Actual Density
1	Multi-Family Detached/Wastewater Treatment Facility	RV10	VR-10.9	26.1	164	6.3
2	Elementary School	RV10	VR-10.9	12.7	**42	3.3
3	Neighborhood Park	S80	RL-40	10.1	---	---
4	Multi-Family Detached	RU20	VR-20	24.0	325	13.5
5	Single-Family Detached	RS3	VR-2.9	132.5	355	2.7
6	Agricultural Open Space	S80	RI-40	47.6	---	---
7	Natural Open Space	S80	RI-40	128.5	---	---
	Horse Ranch Creek Road	---	---	8.0	---	---
	Totals			389.5	886	2.3

* Density = dwelling units per acre

** Note: The actual proposed dwelling unit number is 886 - 42 = 858, because the elementary school is the included use for Planning Area 2. The 42 units are to designate a land use for the parcel if the school district decides not to utilize the land.

This exhibit is intended for the sole use of Pardee Homes as a visual aid. This exhibit should not be relied on as an accurate representation of existing and future development or land uses. For current information regarding development within this area, consult the County of San Diego Department of Planning and Land Use or other appropriate governing agency exercising jurisdiction or control over the subject matter of the inquiry.



Meadowood 100-Year, 6-Hour Isopluvial

Filepath: J:\15956\GIS\15956_100yrIsopluvial
Exhibit Date: 3/24/09
REC JN: 15956

0 5,000 10,000 20,000 Feet

Data Sources:
SanGIS Assessor Parcels: April 2006
SanGIS Roads - February 2006
Landiscor Aerial Photo: January 2006

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Pre Project Drainage Basin 100

100 → 101
All "C" 100% Natural
C = 0.3

101 → 105
All "C" 100% Natural
C = 0.3

103 → 104
All "C" 100% Natural
C = 0.3

104 → 105
All "C" 100% Natural
C = 0.3

105 → 106
All "C" 100% Natural
C = 0.3

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Pre Project Drainage Basin 200

200 → 201

All "C" 100% Natural

$C = 0.3$

201 → 204

100% Natural

$$C = \frac{(0.25)(A_B) + (0.3)(A_C)}{A_B + A_C}$$

$A_B = 0.6 \quad A_C = 10.3$

$C = 0.3$

202 → 203

All "C" 100% Natural

$C = 0.3$

203 → 204

100% Natural

$A_B = 0.1 \quad A_C = 6.8$

$C = 0.3$

204 → 209

100% Natural $\quad A_B = 1.2 \quad A_C = 5.3$

$C = 0.29$

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205 → 206

All "C" 100% Natural

C = 0.3

206 → 207

All "C" 100% Natural

C = 0.3

207 → 208 All "C" 100% Natural

C = 0.3

208 → 209 100% Natural

$A_B = 3.3\ A_c$ $A_c = 4.9\ A_c$

C = 0.28

209 → 210

100% Natural

$A_B = 4.5\ A_c$ $A_c = 8.7\ A_c$

C = 0.28

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Pre Project Drainage Basin 300

300 → 301
All "C" 100% Natural
$C = 0.3$

301 → 302
All "C" 100% Natural
$C = 0.3$

302 → 306
100% Natural

$$C = \frac{(0.25)A_B + (0.3)A_C}{A_B + A_C}$$

$A_B = 9.2$ $A_C = 14.8$

$C = 0.28$

303 → 304
All "C" 100% Natural
$C = 0.3$

304 → 305
All "C" 100% Natural
$C = 0.3$

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305 → 306

100% Natural

$$C = \frac{(.25)A_B + (.3)A_C + .35A_P}{A_B + A_C + A_P}$$

$A_B = 4.5$ $A_C = 10.4$ $A_P = 0.1$

$C = 0.29$

J-15956
11/6/08

MEADOWOOD

NS

PRE-PROJECT

BASIN 400

400 → 401 ALL 'C' SOIL, 100% NATURAL $C = 0.30$

401 → 402 100% NATURAL

$$C = \frac{(0.25)(A_B) + (0.30)(A_C)}{A_B + A_C}$$

$[A_B = 0.1, A_C = 1.5]$

$C = 0.30$

402 → 403 100% NATURAL

$$C = \frac{(0.25)(A_B) + (0.30)(A_C)}{A_B + A_C}$$

$[A_B = 4.6, A_C = 4.7]$

$C = 0.28$

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11/6/08

MEADOWOOD

TJS

PRE-PROJECT
BASIN 500

500 → 510 ALL 'C' SOIL, 100% NATURAL ⇒ $C = 0.30$

510 → 520 ALL 'C' SOIL, 100% NATURAL ⇒ $C = 0.30$

520 → 530 ALL 'C' SOIL, 100% NATURAL ⇒ $C = 0.30$

530 → 540 100% NATURAL

$$C = \frac{(0.25)(A_B) + (0.30)(A_C) + (0.35)(A_D)}{A_B + A_C + A_D}$$

$[A_B = 3.9,\ A_C = 55.3,\ A_D = 4.2]$

$C = 0.30$

540 → 550 100% NATURAL

$$C = \frac{(0.25)(A_B) + (0.30)(A_C) + (0.35)(A_D)}{A_B + A_C + A_D}$$

$[A_B = 2.9,\ A_C = 1.4 + 0.3 = 1.7,\ A_D = 0.4]$

$C = 0.28$

550 → 560 100% NATURAL

$$C = \frac{(0.25)(A_B) + (0.30)(A_C)}{A_B + A_C}$$

$[A_B = 14.0,\ A_C = 1.8]$

$C = 0.26$

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Pre-Project Drainage Basin 600

600 → 601

All "C" 100% Natural

$C = 0.3$

601 → 602

All "C" 100% Natural

$C = 0.3$

602 → 603

100% Natural

$$C = \frac{.25A_B + .3A_C}{A_B + A_C}$$

$A_B = 1.1 \quad A_C = 0.8$

$C = 0.27$

603 → 604

100% Natural

$$C = \frac{.25A_B + .3A_C}{A_B + A_C}$$

$A_B = 20.8 \quad A_C = 7.9$

$C = 0.26$

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Pre - Project Basin 700

700 → 701
All "C" 100% Natural

C = 0.3

701 → 702 100% Natural

$A_B = 1.1$ $A_C = 27.6$ $A_D = 9.7$

C = 0.31

702 → 704 100% Natural

$A_B = 2.6$ $A_D = 4.6$

C = 0.31

704 → 710 100% Natural

$A_B = .15$ $A_D .25$

C = 0.31

706 → 708 100% Natural

A_C .22 $A_D = .08$

C = 0.31

708 → 710 100% Natural

$A_B = 1.9$ $A_C = 4.8$ $A_D = 9.8$

C = 0.31

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750 → 751 All "C" 100% Natural

C = 0.3

751 - 752 100% Natural

$A_B = 3.9$ $A_D = 7.1$

C = .31

752 → 753 100% Natural

$A_B = 11.2$ $A_D = 20.7$

C = .31

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Pre-Project Drainage Basin 800

800-7 810

All "D" 100% Natural

C = .35

810-7 820

100% Natural

$A_B = 1.7$ $A_C = 4.4$ $A_D = 19$

C = .33

820-7 830 100% Natural

$A_B = 21.3$ $A_C = 4.2$

C = .26

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Runoff - Coefficients (900)

1) Initial Sub-Area (901-905)

0.23 Ac of Type D = $\boxed{0.35}$

2) (905 - 910)

$$c = \frac{4.85(0.35) + 1.59(0.30) + 0.03(0.25) + 0.08(0.20)}{4.85 + 1.59 + 0.03 + 0.08}$$

$c = \boxed{0.34}$

3) (910 - 915)

$$c = \frac{0.41(0.30) + 7.1(0.25) + 3.05(0.25) + 0.31(0.25) + 0.35(0.2) + 3.41(0.9)}{0.41 + 7.1 + 3.05 + 0.31 + 0.35 + 3.41}$$

$c = \boxed{0.40}$

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AREAS

$A_T = (60)(130) = 7{,}800$ SF

$A_{patio} = 450$ SF

$A_{sidewalk} = 400$ SF

$A_{DWY} = 400$ SF

$A_{pvmt} = 1{,}200$ SF

$A_{BLD} = 1{,}870$ SF

$A_{imp.} = 4{,}320$ SF

$\frac{A_{imp.}}{A_T} = \%\,imp = 55.0\%$

$C = 0.9 \times (\%\ Imp.) + C_p \times (1 - \%\ Imp.)$

SOIL TYPE A/($C_p = 0.20$) $C = 0.59$

SOIL TYPE B/($C_p = 0.25$) $C = 0.61$

SOIL TYPE C/($C_p = 0.30$) $C = 0.63$

SOIL TYPE D/($C_p = 0.35$) $C = 0.65$

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MEADOWOOD

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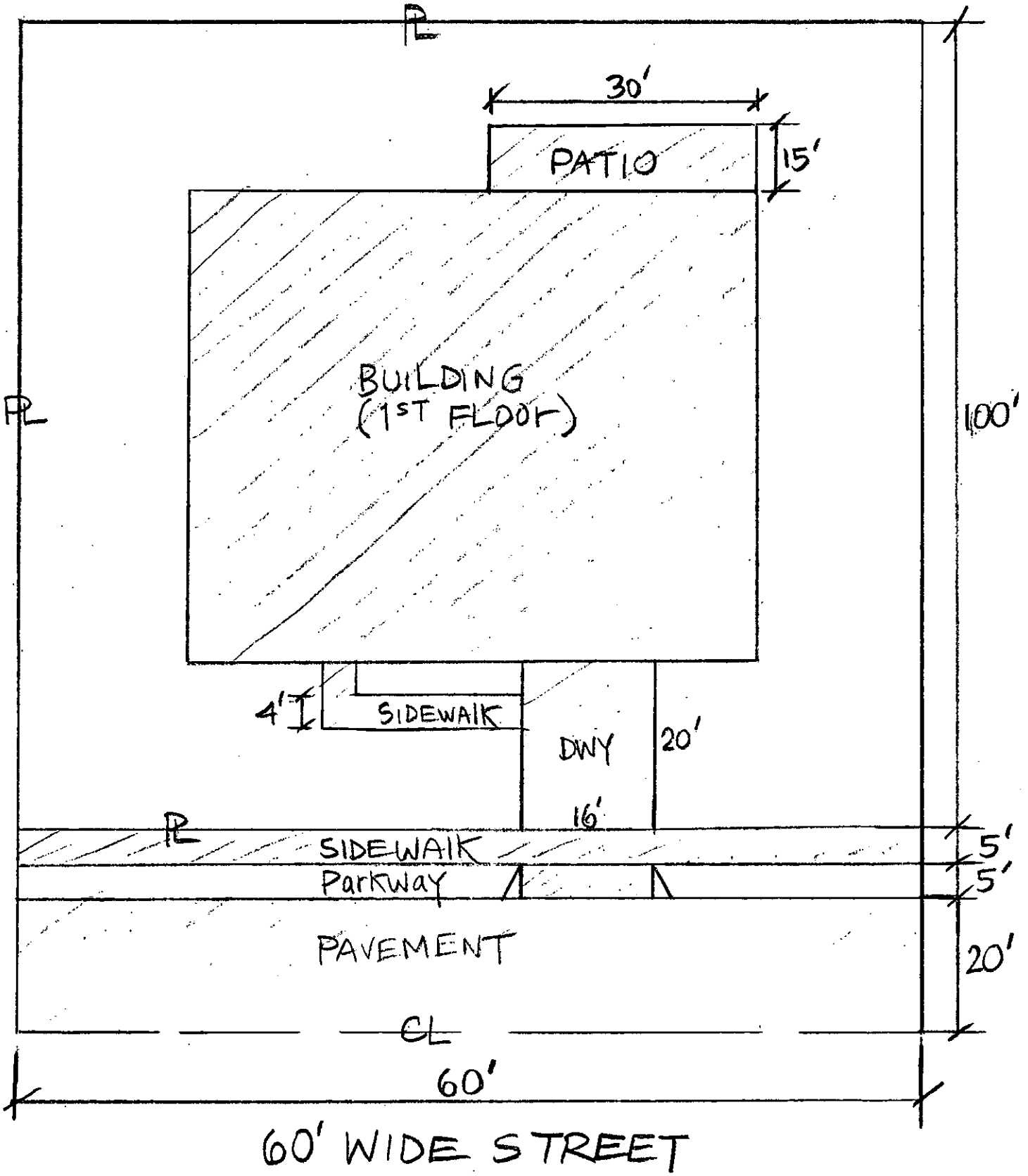
60' x 100' TYPICAL LOT ~ RESIDENTIAL



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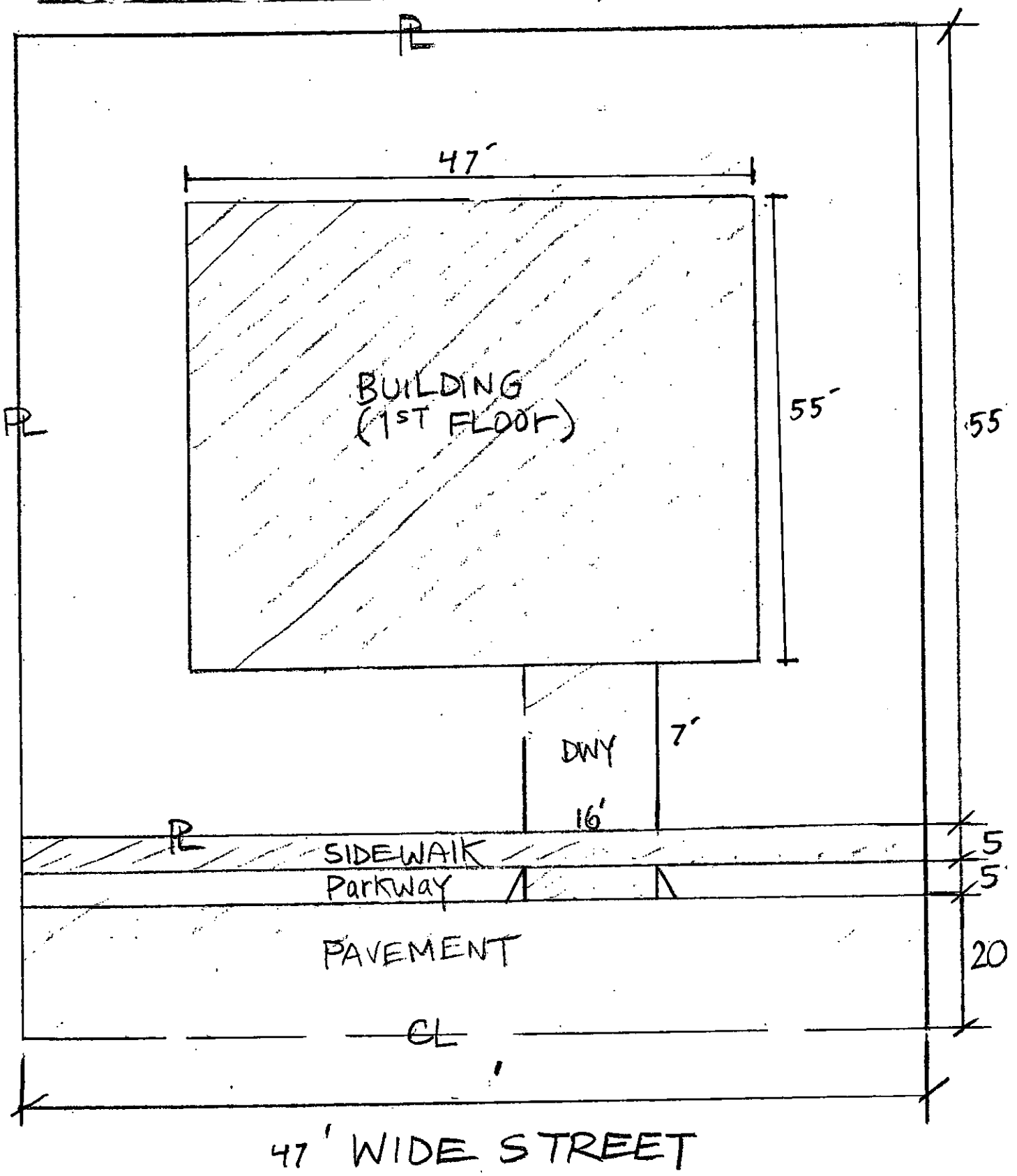
MEADOWOOD

47' x 55' TYPICAL LOT - Not To Scale



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Areas:

$A_T = 47' \times 85' = 3{,}995\ ft^2$

$A_{PAD} = 37' \times 43' = 1{,}591\ ft^2$

$A_{Pavement} = 47' \times 10' + 47' \times 20' + 16' \times 7' = 1{,}522\ ft^2$

$A_{imp} = 3{,}113\ ft^2$

$\frac{A_{imp}}{A_T} = 77.9\%$

$C = 0.9 \times (\%\ Imp.) + C_p \times (1 - \%\ Imp.)$

Soil Type A/($C_p = 0.2$) $C = 0.75$

Soil Type B/($C_p = 0.25$) $C = 0.76$

Soil Type C/($C_p = 0.3$) $C = 0.77$

Soil Type D/($C_p = 0.35$) $C = 0.78$

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Post - Project Drainage Basin 1000

1000 → 1001 100% Natural All type "C"

C = 0.3

1001 → 1005 All "C" 100% Natural

C = 0.3

1003 → 1004 All "C" 100% Natural

C = 0.3

1004 → 1005 All "C" 100% Natural

C = 0.3

1005 → 1006 All "C" 100% Natural

C = 0.3

Meadowood
J-15956
Weighted Runoff Calculations

Node	Basin 2000A Area (AC)	RC	
200-2001	0.20	0.30	Natural Type C
2001-2004	10.90	0.30	Natural Type C
2002-2003	0.20	0.30	Natural Type C
2003-2004	6.90	0.30	Natural Type C
2004-2009	4.30	0.29	Natural- 1.1 Ac Type B 3.2 Ac Type C
2005-2006	0.30	0.30	Natural Type C
2006-2007	2.30	0.30	Natural Type C
2007-2008	13.40	0.30	Natural Type C
2008-2011	6.20	0.28	Natural- 2.3 Ac Type B 3.9 Ac Type C
2013-2014	0.20	0.90	Impervious
2014-2012	2.70	0.61	60x100 Lots-Type B
2016-2017	0.20	0.61	60x100 Lots-Type B
2017-2018	0.60	0.61	60x100 Lots-Type B
2020-2021	0.30	0.90	Impervious
2021-2019	0.20	0.90	Impervious
2023-2024	0.30	0.61	60x100 Lots-Type B
2024-2022.5	1.80	0.63	60x100 Lots-Type C

Meadowood
J-15956
Weighted Runoff Calculations

Basin 2000B

Node	Area (AC)	RC	
2030-2031	0.20	0.30	Natural Type C
2031-2032	2.60	0.30	Natural Type C
2032-2033	5.70	0.30	Natural Type C

Meadowood
J-15956
Weighted Runoff Calculations

Node	Basin 3000 Area (AC)	RC	
3000-3001	0.20	0.30	Natural Type C
3001-3002	10.60	0.30	Natural Type C
3002-3006	2.60	0.28	Natural- 1.2 Ac Type B 1.4 Ac Type C
3008-3009	0.20	0.30	Natural Type C
3009-3010	6.70	0.30	Natural Type C
3010-3011	4.60	0.30	Natural Type C
3013-3014	0.20	0.61	60x100 Lots-Type B
3014-3012	2.10	0.62	60x100 Lots- 0.6 Ac Type B 1.5 Ac Type C
3016-3017	0.30	0.61	60x100 Lots-Type B
3017-3018	2.20	0.61	60x100 Lots-Type B
3020-3021	0.20	0.30	Natural Type C
3021-3022	1.30	0.30	Natural Type C
3024-3025	0.40	0.61	60x100 Lots-Type B
3025-3026	2.70	0.61	60x100 Lots-Type B
3003-3004	0.20	0.30	Natural Type C
3004-3005	8.60	0.30	Natural Type C
3005-3028	9.70	0.30	Natural Type C
3032-3035	0.30	0.61	60x100 Lots-Type B
3035-3033	2.00	0.61	60x100 Lots-Type B
3037-3038	0.20	0.62	60x100 Lots- 0.1 Ac Type B 0.1 Ac Type C
3038-3036	0.80	0.62	60x100 Lots- 0.2 Ac Type B 0.6 Ac Type C
3040-3041	0.30	0.61	60x100 Lots-Type B
3041-3042	2.30	0.61	60x100 Lots-Type B
1008-1009	0.20	0.90	Impervious
1009-1010	1.20	0.90	Impervious
2026-2027	0.20	0.90	Impervious
2027-2028	0.60	0.90	Impervious
3043.5-3043.7	0.70	0.61	60x100 Lots-Type B

Basin 4000

Node 4002.1

Node	Area (AC)	RC	
4000-4001	0.20	0.30	Natural Type C
4001-4002	3.00	0.30	Natural Type C

Node 4003.0

Node	Area (AC)	RC	
4004-4005	0.30	0.62	60x100 Lots- 0.1 Ac Type B 0.2 Ac Type C
4005-4003	6.60	0.62	60x100 Lots-1.9 Ac Type B 4.7 Ac Type C

Meadowood
J-15956
Weighted Runoff Calculations

Node	Basin 7000A Area (AC)	RC	
5000	0.5	0.9	Impervious
5000.1	0.4	0.3	Natural Type C
5000.2	2.4	0.3	Natural Type C
5000.3	3	0.3	Natural Type C
5001	1	0.9	Impervious
5001.1	0.4	0.3	Natural Type C
5001.2	0.7	0.3	Natural Type C
5002	1	0.9	Impervious
5002.1	0.6	0.3	Natural Type C
5002.2	1.3	0.3	Natural Type C
5002.3	2.2	0.3	Natural Type C
5004	0.2	0.9	Impervious
5005	1.8	0.63	60x100 Lots-Type C
5008	0.2	0.3	Natural Type C
5009	0.4	0.78	47x55 Lots-Type D
5012	0.2	0.3	Natural Type C
5013	5.8	0.3	Natural Type C
5017	0.6	0.9	Impervious
5021	0.2	0.3	Natural Type C
5022	14	0.3	Natural Type C
5026	0.2	0.63	60x100 Lots-Type C
5027	1.8	0.63	60x100 Lots-Type C
5030	0.2	0.3	Natural Type C
5031	3.8	0.3	Natural Type C
5034	0.3	0.63	60x100 Lots-Type C
5035	5.1	0.63	60x100 Lots-Type C
5039	0.2	0.62	60x100 Lots- 0.1 Ac Type B 0.1 Ac Type C
5040	2.7	0.62	60x100 Lots- 1.2 Ac Type B 1.5 Ac Type C
5043	0.2	0.3	Natural Type C
5044	2.7	0.32	60x100 Lots- 1.1 Ac Type B 1.6 Ac Type C
5047	0.3	0.63	60x100 Lots-Type C
5048	3.5	0.63	60x100 Lots-Type C
5052	0.2	0.63	60x100 Lots-Type C
5053	4.2	0.63	60x100 Lots-Type C
5057	0.2	0.61	60x100 Lots-Type B
5058	2.3	0.64	60x100 Lots- 0.7 Ac Type C 1.6 Ac Type D
5061	0.2	0.63	60x100 Lots-Type C
5062	3.1	0.63	60x100 Lots-Type C
5065	0.2	0.63	60x100 Lots-Type C
5066	3.1	0.63	60x100 Lots-Type C
5068	5.7	0.3	Natural Type C
5070	0.2	0.64	60x100 Lots- 0.1 Ac Type D 0.1 Ac Type C
5071	1.6	0.64	60x100 Lots- 0.5 Ac Type D 1.1 Ac Type C
5075	0.2	0.27	Natural- 0.12 Ac Type B 0.08 Ac Type C
5076	0.8	0.31	Natural- 0.1 Ac Type D 0.7 Ac Type C
5079	0.2	0.25	Natural Type B
5080	2	0.28	Natural- 0.7 Ac Type B 1.3 Ac Type C
5084	0.3	0.77	47x55 Lots-Type C
5085	1.3	0.77	47x55 Lots-Type C
5088	0.6	0.77	47x55 Lots-Type C
5089	2	0.77	47x55 Lots-Type C
6000	0.2	0.28	Natural- 0.1 Ac Type B 0.1 Ac Type C
6001	0.4	0.3	Natural Type C
6004	0.2	0.29	Natural- 0.05 Ac Type B 0.15 Ac Type C
6005	0.2	0.3	Natural Type C
6012	0.2	0.63	60x100 Lots-Type C
6013	1.9	0.63	60x100 Lots-Type C
6008	0.2	0.61	60x100 Lots-Type B
6009	0.7	0.62	60x100 Lots- 0.2 Ac Type B 0.5 Ac Type C
6014	0.3	0.35	Natural Type D
6014.2	2	0.29	Natural- 0.3 Ac Type B 1.7 Ac Type C
6017	0.2	0.61	60x100 Lots-Type B
6018	2.1	0.29	Natural- 0.3 Ac Type B 1.8 Ac Type C
6021	0.3	0.3	Natural Type C
6022	0.6	0.78	47x55 Lots-Type D
6024	0.2	0.77	47x55 Lots-Type C
6025	1.7	0.68	.4 Ac Natural Type C 1.3 Ac 47x55 Type C
6032	0.2	0.3	Natural Type C
6033	0.5	0.77	47x55 Lots-Type C
6036	0.2	0.77	47x55 Lots-Type C
6037	1.1	0.77	47x55 Lots-Type C

6038	0.2	0.67	.04 Ac Natural Type C 0.16 Ac 47x55 Type C
6039	1.1	0.77	47x55 Lots-Type C
6040	0.2	0.25	Natural Type B
6041	0.7	0.67	.15 Ac Natural Type C 0.55 Ac 47x55 Type C
6042	0.3	0.67	.06 Ac Natural Type C 0.24 Ac 47x55 Type C
6043	0.7	0.67	.15 Ac Natural Type C 0.55 Ac 47x55 Type C
6047	0.2	0.67	.04 Ac Natural Type C 0.16 Ac 47x55 Type C
6048	1.6	0.77	47x55 Lots-Type C
6049	0.6	0.67	.13 Ac Natural Type C 0.47 Ac 47x55 Type C
6052	0.6	0.77	47x55 Lots-Type C
6056	0.5	0.77	47x55 Lots-Type C
6059	0.3	0.77	47x55 Lots-Type C
6060	1.7	0.77	47x55 Lots-Type C
6061	0.2	0.77	47x55 Lots-Type C
6062	1.2	0.77	47x55 Lots-Type C
6063	0.5	0.67	.1 Ac Natural Type C 0.4 Ac 47x55 Type C
6087	0.2	0.77	47x55 Lots-Type C
6088	1.2	0.77	47x55 Lots-Type C
6066	1	0.77	47x55 Lots-Type C
6082	0.5	0.77	47x55 Lots-Type C
6068	0.2	0.25	Natural Type B
6069	0.6	0.29	Natural- 0.1 Ac Type B 0.5 Ac Type C
6070	1.5	0.77	47x55 Lots-Type C
6077	0.5	0.67	.1 Ac Natural Type C 0.4 Ac 47x55 Type C
6078	2.3	0.77	47x55 Lots-Type C
7000	0.7	0.45	.5 Ac Natural Type C 0.2 Ac Impervious
700.1	1.4	0.45	1.1 Ac Natural Type C 0.3 Ac Impervious
7001	0.2	0.3	Natural Type C
7001.1	0.7	0.3	Natural Type C
7001.2	1.9	0.3	Natural Type C
7004	0.2	0.3	Natural Type C
7005	3.1	0.3	Natural Type C
7006	1.3	0.63	60x100 Lots-Type C
7007	0.2	0.3	Natural Type C
7008	2.3	0.3	Natural Type C
7017	0.2	0.3	Natural Type C
7018	0.9	0.3	Natural Type C
7020	0.2	0.63	60x100 Lots-Type C
7021	0.8	0.63	60x100 Lots-Type C
7024	0.3	0.3	Natural Type C
7025	3.4	0.3	Natural Type C
7040	0.3	0.63	60x100 Lots-Type C
7041	1.9	0.63	60x100 Lots-Type C
7028	0.2	0.63	60x100 Lots-Type C
7029	2.7	0.63	60x100 Lots-Type C
7042	1.4	0.3	Natural Type C
7032	0.3	0.63	60x100 Lots-Type C
7033	1.8	0.63	60x100 Lots-Type C
7036	0.2	0.63	60x100 Lots-Type C
7037	3.8	0.63	60x100 Lots-Type C
7045	0.4	0.61	60x100 Lots-Type B
7046	3.5	0.62	60x100 Lots- 0.9 Ac Type B 2.6 Ac Type C
7049	0.2	0.61	60x100 Lots-Type B
7050	0.9	0.39	.65 Ac Natural Type B 0.25 Ac 60x100 Type B
7053	0.2	0.65	60x100 Lots-Type D
7054	0.6	0.65	60x100 Lots-Type D
7058	0.2	0.63	60x100 Lots-Type C
7059	0.9	0.9	Impervious
7061	0.2	0.61	60x100 Lots-Type B
7062	0.6	0.61	60x100 Lots-Type B
7066	0.2	0.51	.1 Ac Natural Type B 0.1 Ac 60x100 Type B
7067	1	0.69	.15 Ac Natural Type B 0.85 Ac 60x100 Type B
5102	0.3	0.9	Impervious
5103	1.7	0.9	Impervious
7070	0.2	0.8	.04 Ac Natural Type D 0.16 Ac Impervious
7071	3.8	0.8	.7 Ac Natural Type D 0.3.1 Ac Impervious
7079	6.1	0.45	5.0 Ac Natural Type D 1.1 Ac Impervious
7074.1	0.3	0.35	Natural Type D
7074.2	13.3	0.32	Natural- 7.3 Ac Type C 6.0 Ac Type D
7075.1	0.2	0.35	Natural Type D
7075.2	11	0.35	Natural Type D

Meadowood
J-15956
Weighted Runoff Calculations

Node	Basin 7000B Area (AC)	RC	
7079-7080	0.20	0.90	Impervious
7080-7081	5.60	0.67	1.2 Ac Natural Type C 4.4 Ac 47x55 Type C
7082-7081	0.50	0.25	Natural Type B
7093-7094	0.20	0.35	Natural Type D
7094-7095	3.90	0.34	Natural- 0.5 Ac Type C 4.0 Ac Type D
7095-7099	23.80	0.34	Natural- 6.5 Ac Type C 23.8 Ac Type D
7104-7106	0.20	0.45	0.16 Ac Natural Type D 0.04 Ac Impervious
7106-7099	10.90	0.45	8.9 Ac Natural Type D 2.0 Ac Impervious
7082-7100	0.5	0.6	0.35 Ac Natural Type D 0.25 Ac Impervious

Meadowood
J-15956
Weighted Runoff Calculations

Node	Basin 8000A Area (AC)	RC	
8100-8101	0.3	0.35	Natural Type D
8101-8102	13	0.33	Natural- 5.4 Ac Type C 7.6 Ac Type D
8114-8115	0.2	0.9	Impervious
8115-8116	2.4	0.9	Impervious
8118-8119	0.2	0.9	Impervious
8119-8120	1.2	0.9	Impervious
8123-8124	0.2	0.78	47x55 Lots-Type D
8124-8125	1	0.77	47x55 Lots-Type C
8128-8129	0.20	0.90	Impervious
8129-8130	0.80	0.77	47x55 Lots-Type C
8132-8133	0.20	0.77	47x55 Lots-Type C
8133-8134	1.10	0.77	47x55 Lots-Type C
8136-8137	0.30	0.77	47x55 Lots-Type C
8137-8138	0.60	0.77	47x55 Lots-Type C
8145-8146	0.20	0.77	47x55 Lots-Type C
8146-8147	2.30	0.77	47x55 Lots-Type C
8148.2-8148.4	0.20	0.25	Natural Type B
8148.4-8148.6	0.20	0.25	Natural Type B
8150-8151	0.30	0.90	Impervious
8151-8152	1.90	0.67	Natural- 0.7 Ac Type C 1.2 Ac Impervious

Meadowood 8/3/2009

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Weighted Runoff Calculations

Node	Basin 8000B Area (AC)	RC	
8200-8201	0.3	0.35	Natural Type D
8201-8202	0.6	0.34	Natural- 0.1 Ac Type C 0.5 Ac Type D
8202-8203	11.8	0.33	Natural- 4.9 Ac Type C 6.9 Ac Type D
8216-8217	0.2	0.77	47x55 Lots-Type C
8217-8218	0.5	0.77	47x55 Lots-Type C
8218-8223	0.9	0.46	0.7 Ac Natural Type D 0.2 Ac Impervious
8220-8221	0.2	0.77	47x55 Lots-Type C
8221-8222	0.6	0.77	47x55 Lots-Type C
8226-8227	0.20	0.77	47x55 Lots-Type C
8227-8228	1.20	0.77	47x55 Lots-Type C
8235-8236	0.20	0.77	47x55 Lots-Type C
8236-8237	4.60	0.77	47x55 Lots-Type C
8230-8231	0.20	0.87	Impervious
8231-8232	1.10	0.77	47x55 Lots-Type C
9010-9011	0.20	0.90	Impervious
9011-8204	0.60	0.90	Impervious
8244-8245	0.20	0.87	Impervious
8245-8246	2.50	0.77	47x55 Lots-Type C

RICK ENGINEERING COMPANY™
5620 Friars Road
San Diego, CA 92110-2596
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Fax: (619) 291-4165

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Runoff Coefficients (9000)

1) (9001 - 9005)

0.23 A_c of Type D = $\boxed{0.35}$

2) (9005 - 9010)

$$C = \frac{4.85(0.35) + 1.59(0.30) + 0.03(0.25) \quad 0.08(0.2)}{4.85 + 1.59 + 0.03 + 0.08}$$

$C = \boxed{0.34}$

3) (9010 - 9015)

$$C = \frac{0.41(0.30) + 3.37(0.25) + 0.33(0.20) + 2.47(0.90)}{0.41 + 3.37 + 0.33 + 2.47}$$

$C = \boxed{0.49}$

4) (9021 - 9025)

$$C = \frac{0.07(0.25) + 0.14(0.90)}{0.07 + 0.14}$$

$C = \boxed{0.68}$

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5) (9025 - 9027)

$$C = \frac{0.11(0.25) + 0.46(0.90)}{0.11 + 0.46}$$

$$C = \boxed{0.77}$$

6) (9031 - 9035)

$$C = \frac{0.10(0.25) + 0.11(0.90)}{0.10 + 0.11}$$

$$C = \boxed{0.59}$$

7) (9035 - 9037)

$$C = \frac{0.23(0.25) + 0.57(0.90)}{0.23 + 0.57}$$

$$C = \boxed{0.71}$$

8) (9041 - 9047)

0.41 Acres of DG

$$C = \boxed{0.60}$$

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5620 Friars Road
San Diego, CA 92110-2596
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9) (9051 - 9077)

$$C = \frac{0.21(0.9) + 0.81(0.6)}{0.21 + 0.81} \quad 1.02$$

$$C = \boxed{0.66}$$

10) (9061 - 9065)

$$C = \frac{0.07(0.25) + 0.14(0.90)}{0.07 + 0.14} \quad 0.21$$

$$C = \boxed{0.68}$$

11) (9065 - 9077)

$$C = \frac{0.6(0.25) + 0.89(0.90)}{0.6 + 0.89} \quad 1.49$$

$$C = \boxed{0.64}$$