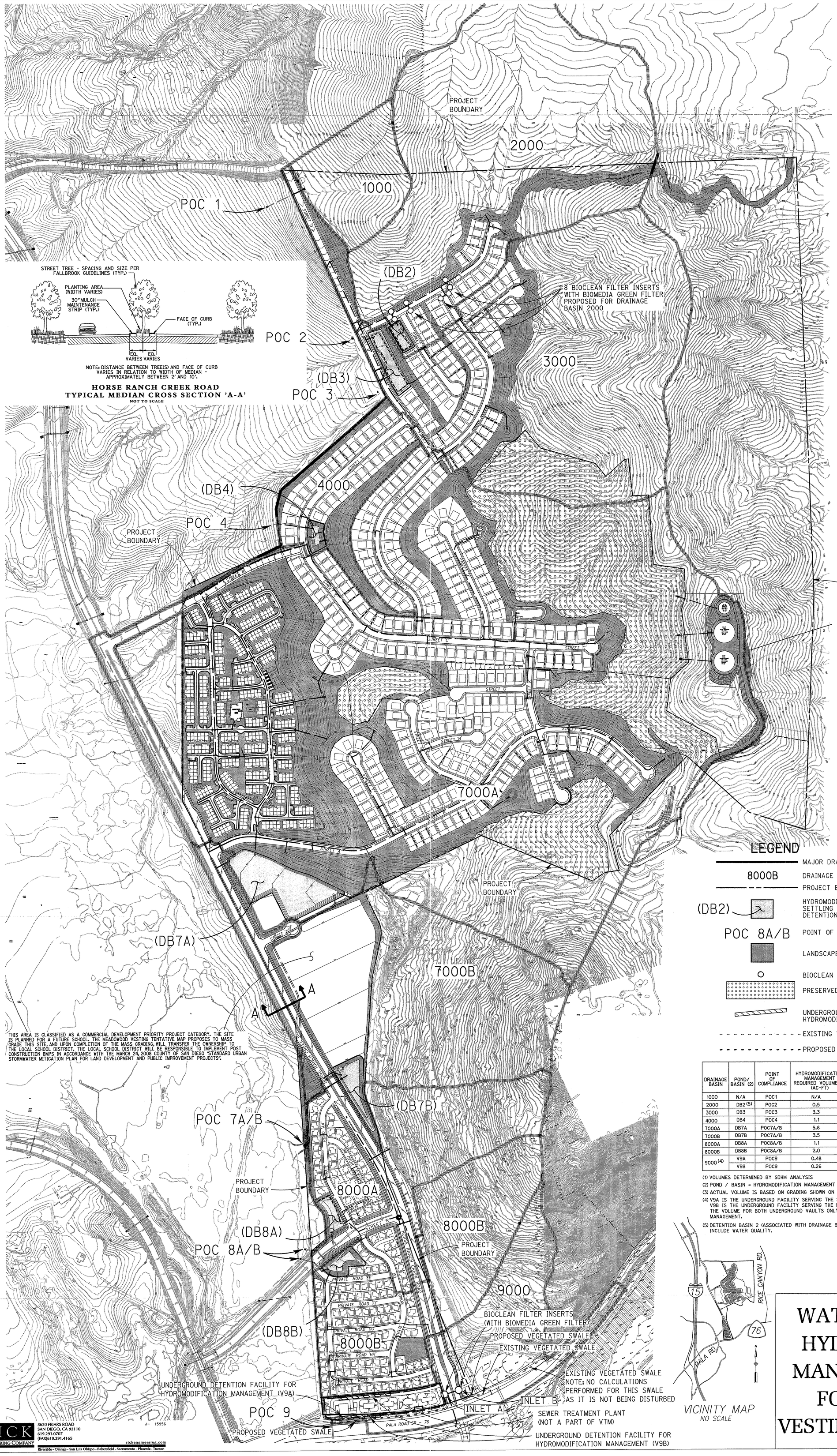
Appendix A

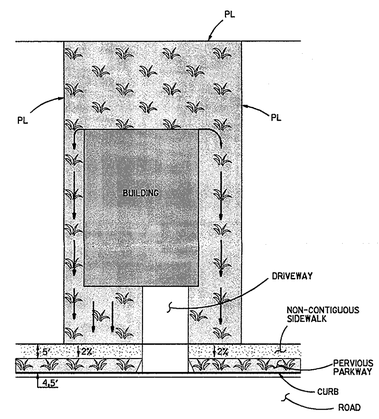
Water Quality and Hydromodification Management Exhibit for Meadowood Vesting Tentative Map



NOTE: DISTANCE BETWEEN TREE(S) AND FACE OF CURB VARIES IN RELATION TO WIDTH OF MEDIAN - APPROXIMATELY BETWEEN 2' AND 10'.

HORSE RANCH CREEK ROAD TYPICAL MEDIAN CROSS SECTION 'A-A'

NOT TO SCALE



TYPICAL DETAIL 1 FOR DRAINAGE BASINS 2000A, 3000, 4000 AND 7000A

TYPICAL DETAIL 2 FOR DRAINAGE BASINS 8000A, AND 8000B

NOTES

1) PROJECT BOUNDARY IS COMPRISED OF 389.5 ACRES. ONLY 219.5 ACRES (56%) WILL BE DEVELOPED AS A RESULT OF THIS PROJECT.

2) FOR DRAINAGE 2000A, 3000, 4000 & 7000A, REFER TO TYPICAL DETAIL 1.

3) FOR DRAINAGE BASIN 8000A & 8000B, REFER TO TYPICAL DETAIL 2

4) FOR DRAINAGE BASINS 2000A, 3000A, 4000A & 7000A, LID CONCEPTS (NON-CONTIGUOUS SIDEWALKS AND VEGETATED PARKWAYS) ARE PROPOSED THROUGHOUT. PLANT SELECTION PER LANDSCAPE ARCHITECT.

LEGEND

- MAJOR DRAINAGE BASIN
- 8000B — DRAINAGE BASIN NUMBER
- PROJECT BOUNARY
- (DB2) — HYDROMODIFICATION MANAGEMENT POND/ SETTLING BASIN/ DETENTION BASIN
- POC 8A/B — POINT OF COMPLIANCE
- LANDSCAPED AREAS
- BIOCLEAN FILER INSERT WITH BIOMEDIA GREEN FILTER
- PRESERVED ORCHARD AREAS
- UNDERGROUND DETENTION FACILITY FOR HYDROMODIFICATION MANAGEMENT
- EXISTING VEGETATED SWALES
- PROPOSED VEGETATED SWALES

DRAINAGE BASIN	POND/ BASIN (2)	POINT OF COMPLIANCE	HYDROMODIFICATION MANAGEMENT REQUIRED VOLUME (1) (AC-FT)	WATER QUALITY REQUIRED VOLUME (AC-FT)	REQUIRED VOLUME FOR HYDROMODIFICATION MANAGEMENT/ WATER QUALITY AND 100-YR DETENTION (AC-FT)	ACTUAL VOLUME (3) (AC-FT)
1000	N/A	POC1	N/A	N/A	N/A	N/A
2000	DB2 (5)	POC2	0.5	N/A	0.9	1.7
3000	DB3	POC3	3.3	1.7	4.0	5.0
4000	DB4	POC4	1.1	0.4	1.2	1.7
7000A	DB7A	POC7A/B	5.6	6.8	19.0	30.0
7000B	DB7B	POC7A/B	3.5	1.3	4.2	5.1
8000A	DB8A	POC8A/B	1.1	1.1	1.9	2.7
8000B	DB8B	POC8A/B	2.0	1.0	2.8	3.7
9000 (4)	V9A	POC9	0.48	N/A	N/A	0.48
	V9B	POC9	0.26	N/A	N/A	0.29

(1) VOLUMES DETERMINED BY SDHM ANALYSIS

(2) POND / BASIN = HYDROMODIFICATION MANAGEMENT POND/ WATER QUALITY BASIN/ DETENTION BASIN

(3) ACTUAL VOLUME IS BASED ON GRADING SHOWN ON VESTED TENTATIVE MAP

(4) V9A IS THE UNDERGROUND FACILITY SERVING THE SEWER TREATMENT PLANT & V9B IS THE UNDERGROUND FACILITY SERVING THE MEADOWOOD PROJECT. THE VOLUME FOR BOTH UNDERGROUND VAULTS ONLY INCLUDES HYDROMODIFICATION MANAGEMENT.

(5) DETENTION BASIN 2 (ASSOCIATED WITH DRAINAGE BASIN 2000) DOES NOT INCLUDE WATER QUALITY.

VICINITY MAP
NO SCALE

N

200 100 0 200 400 600

GRAPHIC SCALE 1"= 200'

WATER QUALITY AND HYDROMODIFICATION MANAGEMENT EXHIBIT FOR MEADOWOOD VESTING TENTATIVE MAP

THIS AREA IS CLASSIFIED AS A COMMERCIAL DEVELOPMENT PRIORITY PROJECT CATEGORY. THE SITE IS PLANNED FOR A FUTURE SCHOOL. THE MEADOWOOD VESTING TENTATIVE MAP PROPOSES TO MASS GRADE THIS SITE, AND UPON COMPLETION OF THE MASS GRADING, WILL TRANSFER THE OWNERSHIP TO THE LOCAL SCHOOL DISTRICT. THE LOCAL SCHOOL DISTRICT WILL BE RESPONSIBLE TO IMPLEMENT POST CONSTRUCTION BMPS IN ACCORDANCE WITH THE MARCH 24, 2008 COUNTY OF SAN DIEGO "STANDARD URBAN STORMWATER MITIGATION PLAN FOR LAND DEVELOPMENT AND PUBLIC IMPROVEMENT PROJECTS".

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