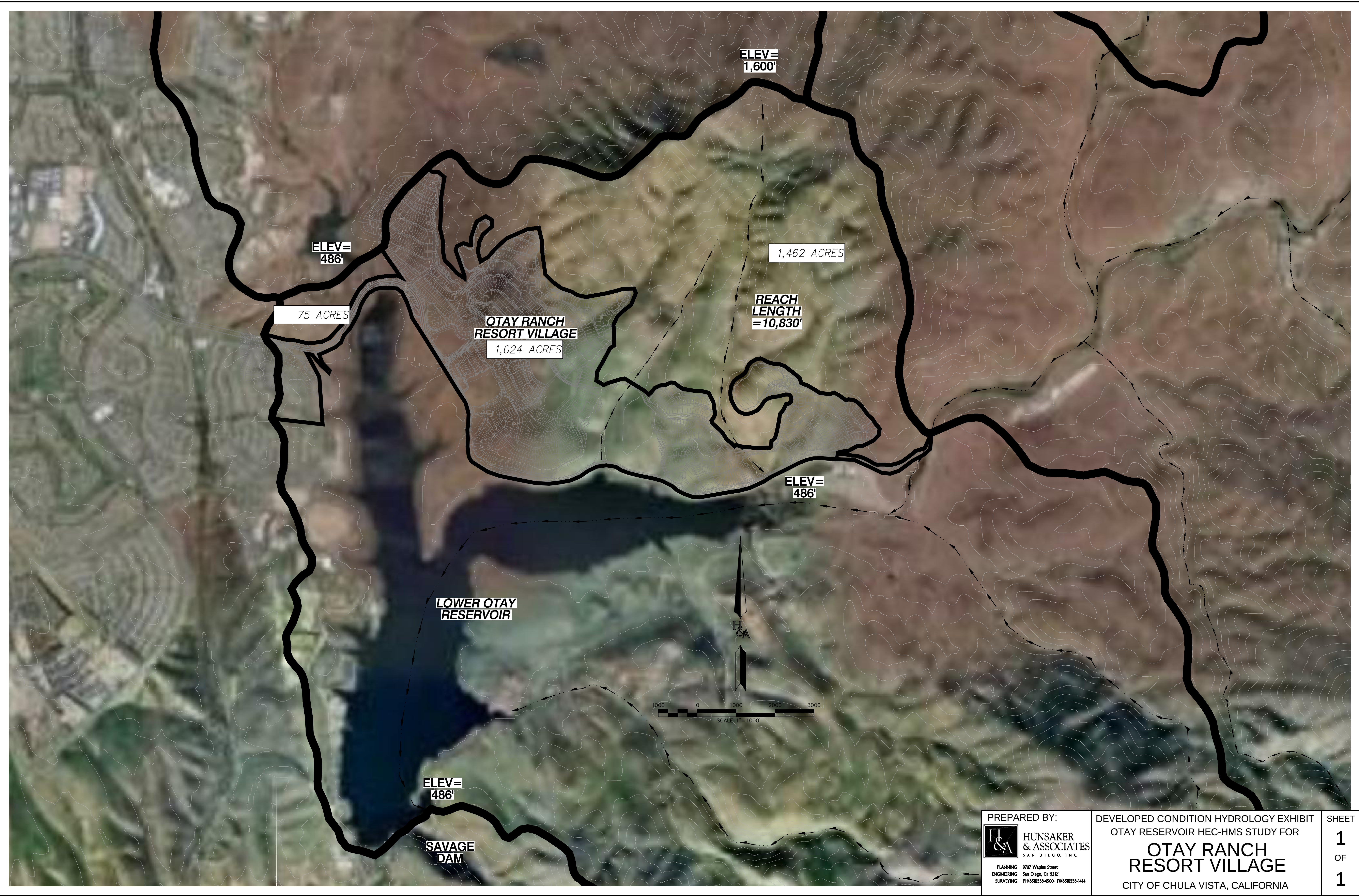
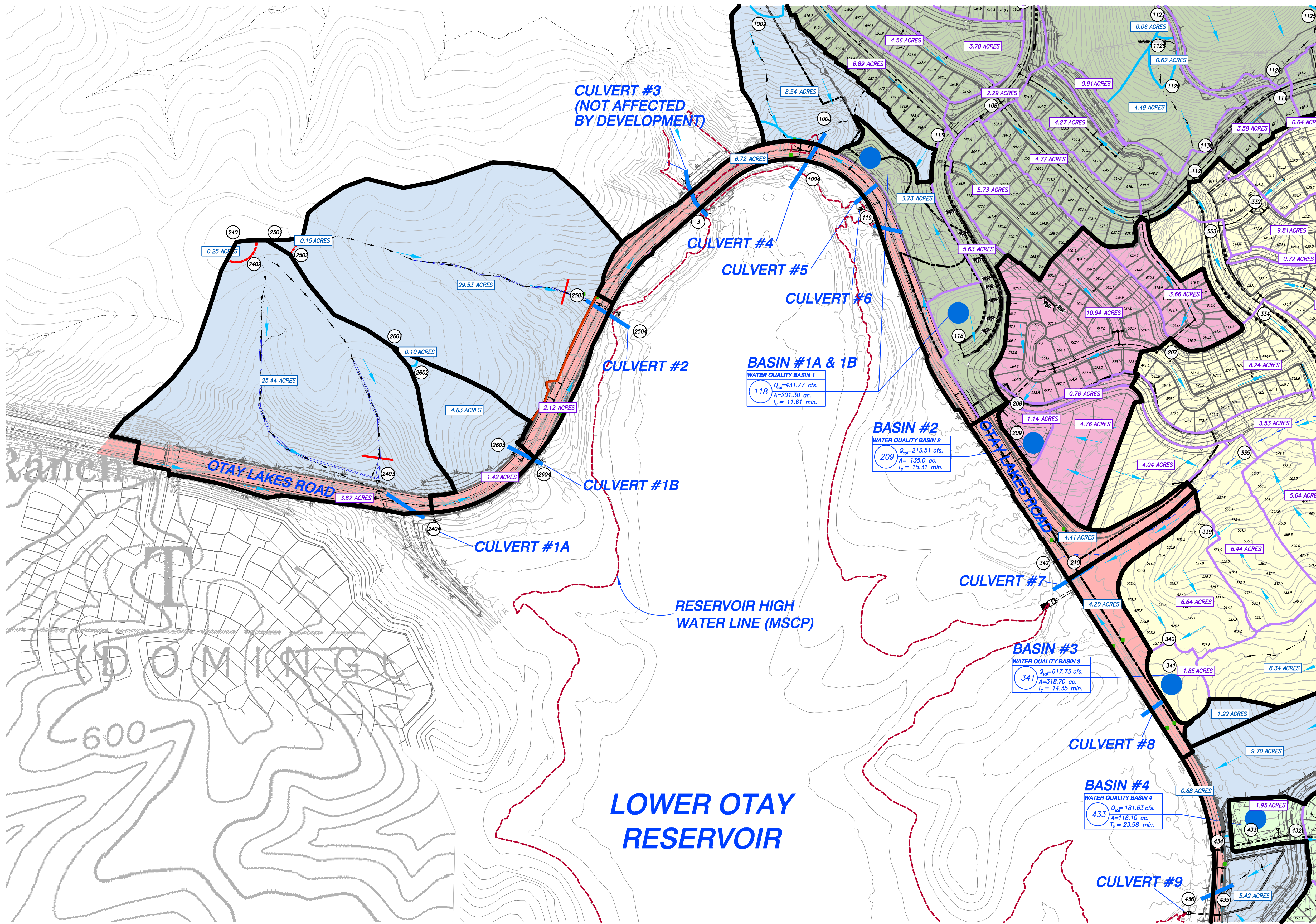




CHAPTER 6

Developed Condition Hydrology Maps



SEE SHEET 2

CULVERT #	NODE #	Q ₁₀₀ (CFS)	A (AC)	T _c (MIN.)
1A	2404	46.85	29.60	14.72
1B	2604	14.52	6.20	9.19
2	2504	47.97	31.80	14.35
3	3	N/A	N/A	N/A
4	1004	48.22	15.90	7.97
5	5	N/A	N/A	N/A
6	119	436.26	205.00	11.71
7	342	937.90*	653.00	18.80
8	8	N/A	N/A	N/A
9	436	199.94	133.10	24.36

*PER UNIT HYDROGRAPH HEC HMS ANALYSIS

LEGEND:

WATER QUALITY BASIN

STAND ALONE FILTERRA UNIT (HIGHER RATE BIOFILTER) OR APPROVED EQUIVALENT

EXISTING CULVERT LOCATION ALONG OTAY LAKES RD

HYDROLOGY NODE

WATERSHED AREA

RESERVOIR HIGH WATER LEVEL (ELEVATION 490.7) PER CITY OF SAN DIEGO MSCP SUB AREA PLAN (PG.35)

CHANNEL CROSS SECTION LOCATION (FOR INUNDATION CALCULATIONS)

AREA INUNDATED BY 100 YEAR STORM EVENT

WATER QUALITY BASIN

MAJOR WATERSHED BOUNDARY

SUB AREA WATERSHED BOUNDARY (NATURAL)

SUB AREA WATERSHED BOUNDARY (DEVELOPED)

INITIAL SUB AREA WATERSHED BOUNDARY

FLOWLINE

PREPARED BY:

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PROPOSED CONDITIONS WATERSHED MAP
(RATIONAL METHOD)
OTAY RANCH
RESORT VILLAGE
CITY OF CHULA VISTA, CALIFORNIA

SHEET
1
OF
3