

CLUB ESTATES

SHEET ONE OF TWO

Preliminary Grading Plan for County of San Diego Tract 5499 RPL 2

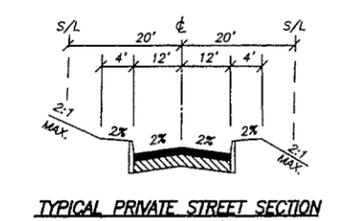
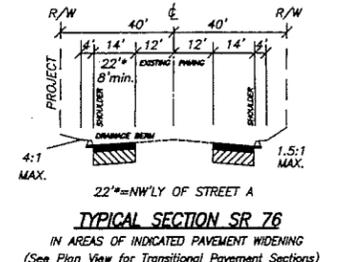
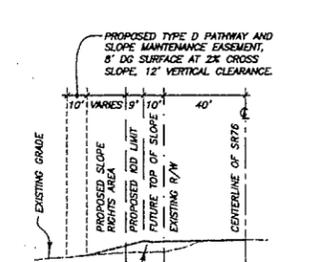
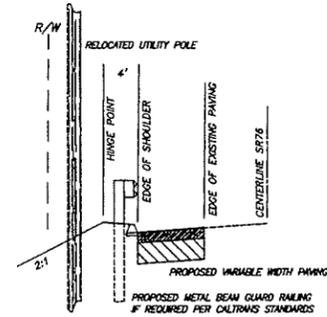
ON-SITE IMPROVEMENTS	CUT (CY)	FILL (CY)	LOT	CUT (CY)	FILL (CY)	LOT	CUT (CY)	FILL (CY)	LOT	CUT (CY)	FILL (CY)		
STREET A	132	562	1	744	630	11	260	221	21	423	367		
STREET B	5154	522	2	869	890	12	478	416	22	352	315		
STREET C	2907	168	3	591	487	13	478	381	23	390	324		
DRAINAGE CHANNELS	2890	0	4	1056	832	14	328	288	24	471	375		
FILL NATURAL SWALES	98	6269	5	842	887	15	301	240	25	598	470		
IMPROVEMENTS SUBTOTAL	11179	7541	6	1013	813	16	429	347	26	642	516		
			7	936	818	17	750	624	27	682	584		
			8	968	820	18	514	400	28	652	570		
			9	822	646	19	485	421	29	931	817		
			10	354	237	20	408	335	30	651	640		
GRAND TOTAL	29595	22832	INDIVIDUAL CONCEPTUAL LOT GRADING SUBTOTAL									18416	15291

THE CONCEPTUAL IMPROVEMENTS AND EACH LOT EARTHWORK HAS BEEN DESIGNED AS BALANCED CUT AND FILL. THE EXISTING GRANULAR ALLUVIUM MATERIAL IS EXPECTED TO SHRINK DURING THE EXCAVATION AND RECOMPACTION PROCESS.

CONCEPTUAL EARTHWORK QUANTITIES

LEGEND

- EXISTING CONTOUR
- LOT NUMBER
- PROPOSED GRADED SLOPE (2:1 INCLINATION UNLESS NOTED)
- PROPOSED CONCEPTUAL SLOPES ARE LESS THAN 10' IN HEIGHT
- PROPOSED DRAINAGE DITCH WITH TR MATING & VEGETATED SLOPES
- PROPOSED STORM DRAIN
- PROPOSED DRAINAGE PATTERN
- EASEMENT SIDELINE



SOURCE OF TOPOGRAPHY: AERIAL TOPOGRAPHIC SURVEY PERFORMED BY SAN-LO AERIAL SURVEYS BASED ON PHOTOGRAPHY DATED 2/16/2005 AND GROUND CONTROL SURVEY BY SZYTEL ENGINEERING & SURVEYING, INC. BASIS OF ELEVATIONS IS BM PNT 66, 832.79 MSL 1928.

PRELIMINARY GRADING PLAN NOTE:
THIS PLAN IS PROVIDED TO ALLOW FOR FULL AND ADEQUATE DISCRETIONARY REVIEW OF A PROPOSED DEVELOPMENT PROJECT. THE PROPERTY OWNER ACKNOWLEDGES THAT ACCEPTANCE OR APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN APPROVAL TO PERFORM ANY GRADING SHOWN HEREON, AND AGREES TO OBTAIN VALID GRADING PERMITS BEFORE COMMENCING SUCH ACTIVITY.

BIO-FILTRATION SWALE POST-CONSTRUCTION BMP'S ARE PROPOSED FOR THIS SITE. FOR SUPPORTING INFORMATION, PLEASE SEE THE ASSOCIATED DRAINAGE STUDY, REPORT AND STORM WATER MANAGEMENT PLAN.

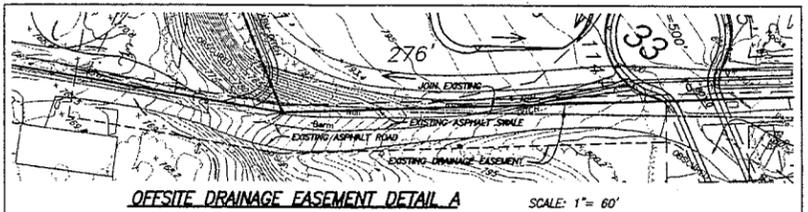
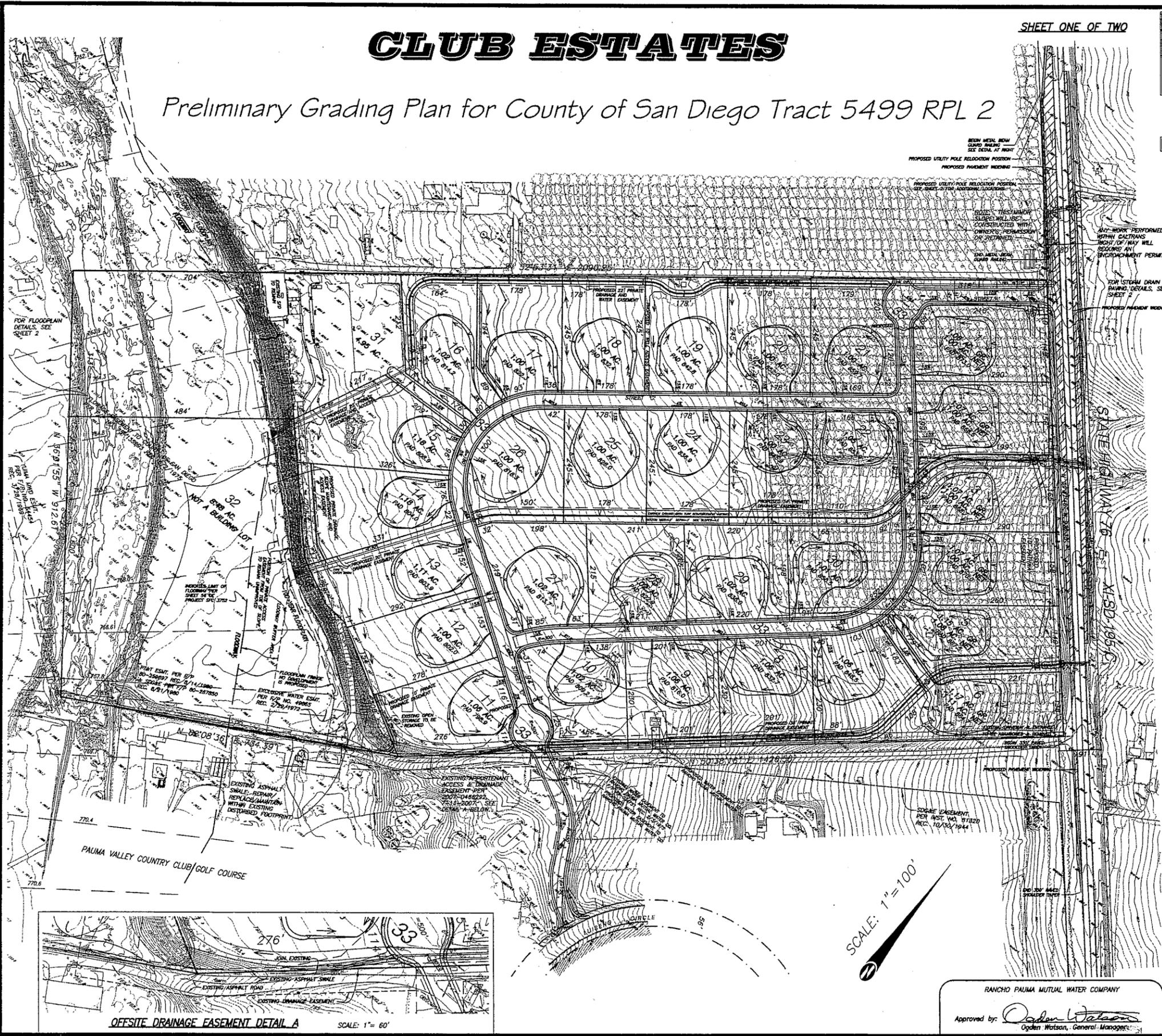
OWNERS:
VVO PAUMA DEVELOPMENT, L.P.,
a California limited partnership
P.O. BOX 686
PAUMA VALLEY, CA 92061
(760) 742-1200

APN 130-100-17 & -26



CONCEPT ONLY, NOT FOR CONSTRUCTION. DATED 9/2008

Szytel Engineering and Surveying, Inc.
134 State Place
Escondido, California 92029
(760) 741-6979
Fax: (760) 741-3722
Email: gsztyel@esconet.net



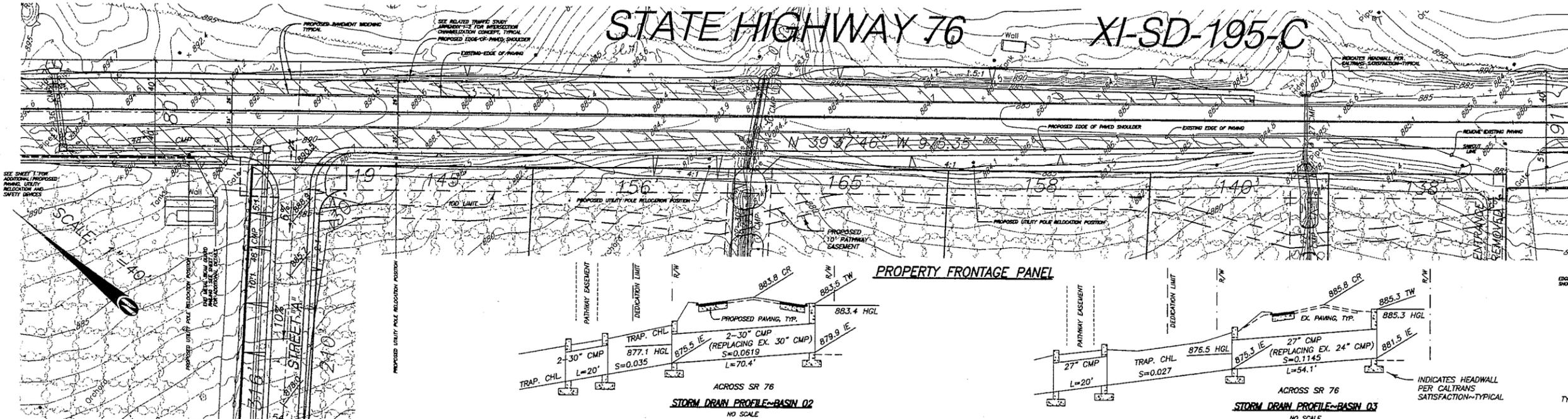
RANCHO PAUMA MUTUAL WATER COMPANY
Approved by: *Ogden Watson*
Ogden Watson, General Manager

CLUB ESTATES

Preliminary Grading Plan for County of San Diego Tract 5499 RPL 2

SHEET TWO OF TWO

STATE HIGHWAY 76 XI-SD-195-C



HYDRAULICS GLOSSARY

CMP	Corrugated Metal Pipe
CR	Crown Elevation of Roadway
FL	Flowline Elevation of Ditch
FS	Finished Surface of Paving
HGL	Hydraulic Grade Line
IE	Invert Elevation of Culvert
L	Length of Culvert
S	Longitudinal Slope of Culvert
TW	Top of Headwall Structure
TRAP	Earthen Trapezoidal Channel

