



ve1.out

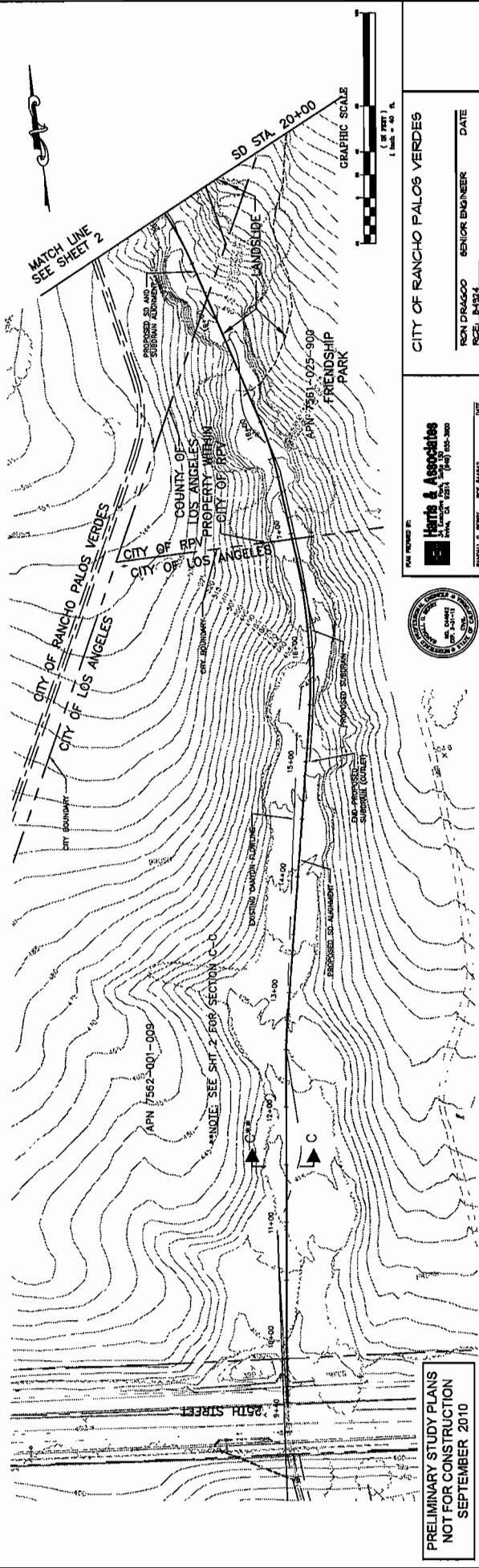
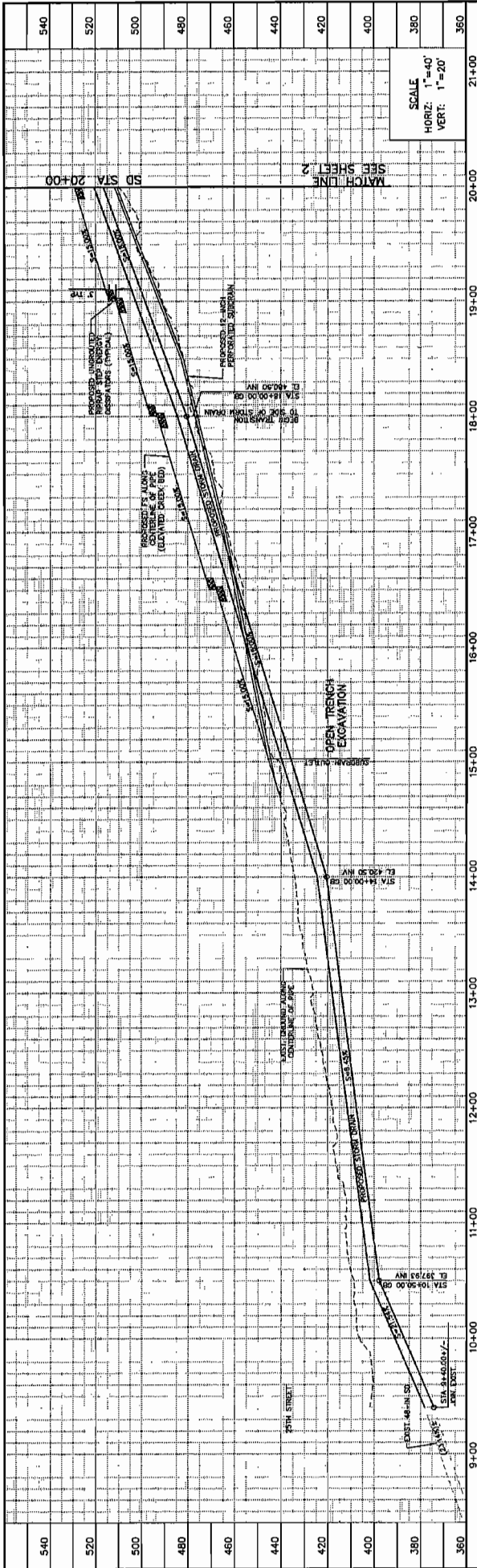
File name: H:\RanchoPV\San Ramon SD\A-Hydrology\WMS\100-YEAR\Alt 1B\Alternative1.lac Run date: Tue Oct 19 13:22:57 2010

Los Angeles County Flood Control District  
Modified Rational Method Hydrology

PCT LOCATION IMPV	SUBAREA		Storm Day 4 TOTAL		Storm Frequency 1 TOTAL		CONV		CONV		CONV		SOIL		RAIN
	AREA	Q	AREA	Q	VOLUME	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC		
1 0.26	41.7	53.28	41.7	53.28	9.810	0	0	0.00000	0.00	0.00	0	2	25	5.53	
1 0.00	0.0	0.00	41.7	53.28	9.811	3	1980	0.16414	64-8	0.00	0	2	0	5.53	
1 0.43	25.8	49.97	67.5	90.41	16.720	0	0	0.00000	0.00	0.00	0	2	11	5.40	
1 0.00	0.0	0.00	67.5	90.41	16.720	4	1238	0.16645	2.00	0.00	0	2	0	5.40	
1 0.29	30.4	61.63	97.9	143.05	24.782	0	0	0.00000	0.00	0.00	0	202	10	5.23	
1 0.00	0.0	0.00	97.9	143.05	24.784	4	3608	0.14450	2.50	0.00	0	202	0	5.23	

Normal End of MODRAT





<b>PRELIMINARY STUDY PLANS</b> <b>NOT FOR CONSTRUCTION</b> <b>SEPTEMBER 2010</b>		<b>CITY OF RANCHO PALOS VERDES</b>	
DESIGNED: DRAWN: CHECKED: APPROVED:	DATE: DATE: DATE: DATE:	DATE: DATE: DATE: DATE:	DATE: DATE: DATE: DATE:
PREPARED BY: <b>Hardie &amp; Associates</b> 14000 W. SHERMAN AVE., SUITE 200 WEST LAKE, CA 90241 (310) 855-3800		CITY OF RANCHO PALOS VERDES RON DRAGOO SENIOR ENGINEER RICE, JAMES	
PROJECT NO. 00000X		SHEET 1 OF 2	

NO.	DATE	REVISIONS

L/ELEM	SO	ELEV	OF FLOW	ELEV	ALTO 48RCP HEAD GRD.EL.	ELEV	DEPTH	DIA	ID NO.	PIER			
					SF AVE	HF	NORM DEPTH			ZR			
2665.81 0.00	594.45	2.875	597.326	218.5	22.60	7.928	605.254	0.00	3.890	4.00	0.00	0.00	0
19.11	0.05993				.029227	0.56	2.282				0.00		
2684.92 0.00	595.60	3.009	598.605	218.5	21.54	7.207	605.812	0.00	3.890	4.00	0.00	0.00	0
15.08	0.05993				.026259	0.40	2.282				0.00		
2700.00 0.00	596.50	3.157	599.657	218.5	20.54	6.552	606.209	0.00	3.890	4.00	0.00	0.00	0
40.90	0.03007				.024261	0.99	2.904				0.00		
2740.90 0.00	597.73	3.241	600.971	218.5	20.03	6.231	607.202	0.00	3.890	4.00	0.00	0.00	0
31.87	0.03012				.023037	0.73	2.902				0.00		
2772.77 0.00	598.69	3.337	602.027	218.5	19.51	5.910	607.937	0.00	3.890	4.00	0.00	0.00	0
12.10	0.02990				.022198	0.27	2.911				0.00		
2784.87 0.00	599.05	3.382	602.434	218.5	19.28	5.770	608.204	0.00	3.890	4.00	0.00	0.00	0
36.34	0.02990				.021185	0.77	2.911				0.00		
2821.21 0.00	600.14	3.590	603.728	218.5	18.38	5.246	608.974	0.00	3.890	4.00	0.00	0.00	0
18.79	0.02990				.020431	0.38	2.911				0.00		
2840.00 0.00	600.70	3.890	604.590	218.5	17.52	4.767	609.357	0.00	3.890	4.00	0.00	0.00	0

ALT2C

2473.00	581.80	2.325	584.125	218.5	28.83	12.909	597.034	0.00	3.890	4.00	0.00	0.00	0
0.00													
5.01	0.10000					.055850	0.28			1.955		0.00	
2478.01	582.30	2.343	584.644	218.5	28.56	12.664	597.308	0.00	3.890	4.00	0.00	0.00	0
0.00													
21.99	0.10000					.051993	1.14			1.955		0.00	
2500.00	584.50	2.439	586.939	218.5	27.23	11.514	598.453	0.00	3.890	4.00	0.00	0.00	0
0.00													
66.52	0.06001					.046114	3.07			2.281		0.00	
2566.52	588.49	2.537	591.028	218.5	25.99	10.492	601.520	0.00	3.890	4.00	0.00	0.00	0
0.00													
44.47	0.06001					.040973	1.82			2.281		0.00	
2610.99	591.16	2.645	593.805	218.5	24.78	9.538	603.343	0.00	3.890	4.00	0.00	0.00	0
0.00													
28.38	0.06004					.036679	1.04			2.281		0.00	
2639.37	592.86	2.744	595.608	218.5	23.78	8.778	604.386	0.00	3.890	4.00	0.00	0.00	0
0.00													
24.92	0.06004					.032941	0.82			2.281		0.00	
2664.29	594.36	2.867	597.227	218.5	22.67	7.979	605.206	0.00	3.890	4.00	0.00	0.00	0
0.00													
1.52	0.05993					.030949	0.05			2.282		0.00	

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WATER SURFACE PROFILE LISTING

RANCHO PALOS VERDES SAN RAMON ALT 2 CANYON ALG SYSTEM HYDRAULICS

PREPARED ER 06/16/10

FILENAME: ALT2IN

STATION	INVERT	DEPTH	W.S.	Q	VEL	VEL	ENERGY	SUPER	CRITICAL	HGT/	BASE/	ZL	NO
AVBPR													

2305.85	565.09	2.049	567.139	218.5	33.73	ALT2C 48RCP 17.600	584.805	0.00	3.890	4.00	0.00	0.00	0
0.00													
40.89	0.10002					.083032	3.40			1.955			0.00
2346.74	569.18	2.083	571.263	218.5	33.03	16.942	588.205	0.00	3.890	4.00	0.00	0.00	0
0.00													
24.67	0.09972					.079040	1.95			1.956			0.00

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F0515P

WATER SURFACE PROFILE LISTING

RANCHO PALOS VERDES SAN RAMON ALT 2 CANYON ALG SYSTEM HYDRAULICS

PREPARED ER 06/16/10

FILENAME: ALT2IN

STATION AVBPR	INVERT ELEV	DEPTH OF FLOW	W.S. ELEV	Q	VEL	VEL	ENERGY GRD.EL.	SUPER ELEV	CRITICAL DEPTH	HGT/ DIA	BASE/ ID NO.	ZL	NO PIER
L/ELEM	SO					SF AVE	HF			NORM DEPTH		ZR	
2371.41 0.00	571.64	2.110	573.750	218.5	32.51	16.407	590.157	0.00	3.890	4.00	0.00	0.00	0
4.28	0.10006					.077008	0.33			1.954			0.00
2375.69 0.00	572.07	2.115	574.183	218.5	32.39	16.295	590.478	0.00	3.890	4.00	0.00	0.00	0
50.09	0.10006					.072141	3.61			1.954			0.00
2425.78 0.00	577.08	2.198	579.278	218.5	30.89	14.814	594.092	0.00	3.890	4.00	0.00	0.00	0
16.95	0.09996					.065810	1.12			1.955			0.00
2442.73 0.00	578.77	2.236	581.010	218.5	30.24	14.198	595.208	0.00	3.890	4.00	0.00	0.00	0
30.27	0.09996					.060264	1.82			1.955			0.00

1999.44	516.40	1.712	518.112	218.5	42.53	28.093	546.205	0.00	3.890	4.00	0.00	0.00	0
0.00													
55.65	0.18005					.153728	8.55		1.655			0.00	
2055.09	526.42	1.748	528.168	218.5	41.41	26.632	554.800	0.00	3.890	4.00	0.00	0.00	0
0.00													
44.91	0.17991					.141553	6.36		1.655			0.00	
2100.00	534.50	1.794	536.294	218.5	40.02	24.867	561.161	0.00	3.890	4.00	0.00	0.00	0
0.00													
22.19	0.15007					.133644	2.97		1.741			0.00	
2122.19	537.83	1.804	539.634	218.5	39.73	24.507	564.141	0.00	3.890	4.00	0.00	0.00	0
0.00													
40.19	0.15004					.129250	5.19		1.741			0.00	
2162.38	543.86	1.829	545.689	218.5	39.03	23.657	569.346	0.00	3.890	4.00	0.00	0.00	0
0.00													
32.74	0.14997					.122929	4.02		1.741			0.00	
2195.12	548.77	1.856	550.626	218.5	38.27	22.746	573.372	0.00	3.890	4.00	0.00	0.00	0
0.00													
42.32	0.14997					.114115	4.83		1.741			0.00	
2237.44	555.12	1.908	557.025	218.5	36.92	21.160	578.185	0.00	3.890	4.00	0.00	0.00	0
0.00													
38.63	0.14997					.102065	3.94		1.741			0.00	
2276.07	560.91	1.981	562.891	218.5	35.20	19.236	582.127	0.00	3.890	4.00	0.00	0.00	0
0.00													
23.93	0.15002					.090740	2.17		1.741			0.00	
2300.00	564.50	2.045	566.545	218.5	33.81	17.753	584.298	0.00	3.890	4.00	0.00	0.00	0
0.00													
5.85	0.10085					.085624	0.50		1.950			0.00	



STATION	INVERT	DEPTH	W.S.	Q	VEL	VEL	ENERGY	SUPER	CRITICAL	HGT/	BASE/	ZL	NO
AVBPR	ELEV	OF FLOW	ELEV		HEAD	GRD.EL.	ELEV	DEPTH	DEPTH	DIA	ID NO.	PIER	
L/ELEM	SO				SF AVE	HF			NORM DEPTH			ZR	
1533.55	440.53	1.733	442.263	218.5	41.87	469.480	0.00	3.890	0.00	4.00	0.00	0.00	0
0.00													
147.57	0.15003					23.06				1.741		0.00	
1681.12	462.67	1.711	464.381	218.5	42.59	492.551	0.00	3.890	0.00	4.00	0.00	0.00	0
0.00													
73.77	0.15006					12.10				1.741		0.00	
1754.89	473.74	1.687	475.427	218.5	43.40	504.670	0.00	3.890	0.00	4.00	0.00	0.00	0
0.00													
45.11	0.14986					7.77				1.741		0.00	
1800.00	480.50	1.664	482.164	218.5	44.16	512.444	0.00	3.890	0.00	4.00	0.00	0.00	0
0.00													
0.24	0.20833					0.04				1.590		0.00	
1800.24	480.55	1.664	482.214	218.5	44.16	512.494	0.00	3.890	0.00	4.00	0.00	0.00	0
0.00													
154.87	0.17996					26.47				1.655		0.00	
1955.11	508.42	1.695	510.115	218.5	43.13	539.001	0.00	3.890	0.00	4.00	0.00	0.00	0
0.00													
44.33	0.18001					7.20				1.655		0.00	

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WATER SURFACE PROFILE LISTING

RANCHO PALOS VERDES SAN RAMON ALT 2 CANYON ALG SYSTEM HYDRAULICS

PREPARED ER 06/16/10

FILENAME: ALT2IN

STATION	INVERT	DEPTH	W.S.	Q	VEL	VEL	ENERGY	SUPER	CRITICAL	HGT/	BASE/	ZL	NO
AVBPR	ELEV	OF FLOW	ELEV		HEAD	GRD.EL.	ELEV	DEPTH	DEPTH	DIA	ID NO.	PIER	
L/ELEM	SO				SF AVE	HF			NORM DEPTH			ZR	

\*\*\*\*\*  
\*\*\*\*\*  
\*\*\*\*\*

ALT20

0.00

35.32 0.06455

.095000 3.36

2.230

0.00

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F0515P

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WATER SURFACE PROFILE LISTING

RANCHO PALOS VERDES SAN RAMON ALT 2 CANYON ALG SYSTEM HYDRAULICS

PREPARED ER 06/16/10

FILENAME: ALT2IN

STATION AVBPR	INVERT ELEV	DEPTH OF FLOW	W.S. ELEV	Q	VEL	VEL HEAD	ENERGY GRD.EL.	SUPER ELEV	CRITICAL DEPTH	HGT/ DIA	BASE/ ID NO.	ZL	NO PIER
L/ELEM	SO					SF AVE	HF		NORM DEPTH			ZR	

\*\*\*\*\*

1274.42 412.40 1.962 414.362 218.5 35.63 19.709 434.071 0.00 3.890 4.00 0.00 0.00 0

14.91 0.06450 .100556 1.50 2.230 0.00

1289.33 413.36 1.941 415.303 218.5 36.12 20.254 435.557 0.00 3.890 4.00 0.00 0.00 0

43.57 0.06450 .109388 4.77 2.230 0.00

1332.90 416.17 1.871 418.043 218.5 37.88 22.283 440.326 0.00 3.890 4.00 0.00 0.00 0

36.08 0.06450 .124357 4.49 2.230 0.00

1368.98 418.50 1.803 420.302 218.5 39.73 24.507 444.809 0.00 3.890 4.00 0.00 0.00 0

31.02 0.06450 .141471 4.39 2.230 0.00

1400.00 420.50 1.739 422.239 218.5 41.67 26.958 449.197 0.00 3.890 4.00 0.00 0.00 0

133.55 0.14998 .151607 20.25 1.741 0.00



0 ALT20 48RCP 0.013 2700.00 596.50 48 0.00 0.00 0.00

ELEMENT NO 31 IS A REACH U/S DATA STATION INVERT SECT \* \* \* \* \*  
 MAN H 0 2740.90 597.73 48 0.013 RADIUS ANGLE ANG PT  
 0.00 0.00 0.00

ELEMENT NO 32 IS A REACH U/S DATA STATION INVERT SECT \* \* \* \* \*  
 MAN H 0 2772.77 598.69 48 0.013 RADIUS ANGLE ANG PT  
 100.00 18.26 0.00

ELEMENT NO 33 IS A REACH U/S DATA STATION INVERT SECT \* \* \* \* \*  
 MAN H 0 2840.00 600.70 48 0.013 RADIUS ANGLE ANG PT  
 0.00 0.00 0.00

ELEMENT NO 34 IS A SYSTEM HEADWORKS U/S DATA STATION INVERT SECT \* \* \* \* \*  
 MAN H 0 W S ELEV 600.70

NO EDIT ERRORS ENCOUNTERED-COMPUTATION IS NOW BEGINNING  
 \*\* WARNING NO. 2 \*\* - WATER SURFACE ELEVATION GIVEN IS LESS THAN OR EQUALS INVERT ELEVATION IN HDWKDS, W.S.ELEV = INV + DC  
 ERROR MESSAGE NO. 2 - WATER SURFACE ELEVATION GIVEN IS LESS THAN OR EQUALS INVERT ELEVATION IN OTLTUS, W.S.ELEV = INV + DC  
 LICENSEE: HARRIS & ASSOCIATES F0515P  
 PAGE 1

WATER SURFACE PROFILE LISTING  
 RANCHO PALOS VERDES SAN RAMON ALT 2 CANYON ALG SYSTEM HYDRAULICS  
 PREPARED ER 06/16/10  
 FILENAME: ALT2IN

STATION AVBPR	INVERT ELEV	DEPTH OF FLOW	W.S. ELEV	Q	VEL	VEL HEAD	ENERGY GRD.EL.	SUPER ELEV	CRITICAL DEPTH	HGT/ DIA	BASE/ ID NO.	ZL NO.	NO PIER
940.00 0.00	374.24	1.739	375.979	218.5	41.67	26.969	402.948	0.00	3.890	4.00	0.00	0.00	0
7.09	0.21533			.148851	1.06					1.575			0.00

ALT20

ELEMENT NO	IS A REACH U/S DATA	STATION	INVERT	SECT	RADIUS	ANGLE	ANG PT
22		2305.85	565.09	48	50.00	34.08	0.00
MAN H							
0							
23		2346.74	569.18	48	0.00	0.00	0.00
MAN H							
0							
24		2371.41	571.64	48	50.00	28.27	0.00
MAN H							
0							
25		2425.78	577.08	48	0.00	0.00	0.00
MAN H							
0							
26		2473.00	581.80	48	250.00	10.82	0.00
MAN H							
0							

F 0 5 1 5 P

PAGE NO

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO	IS A REACH U/S DATA	STATION	INVERT	SECT	RADIUS	ANGLE	ANG PT
27		2500.00	584.50	48	0.00	0.00	0.00
MAN H							
0							
28		2610.99	591.16	48	0.00	0.00	0.00
MAN H							
0							
29		2664.29	594.36	48	500.00	6.11	0.00
MAN H							
0							
30							
MAN H							

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO	14 IS A REACH	U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT
MAN H			1999.44	516.40	48	0.013			
0							250.00	10.15	0.00
ELEMENT NO	15 IS A REACH	U/S DATA	STATION	INVERT	SECT	N <td>RADIUS</td> <td>ANGLE</td> <td>ANG PT</td>	RADIUS	ANGLE	ANG PT
MAN H			2055.09	526.42	48	0.013	0.00	0.00	0.00
0									
ELEMENT NO	16 IS A REACH	U/S DATA	STATION	INVERT	SECT	N <td>RADIUS</td> <td>ANGLE</td> <td>ANG PT</td>	RADIUS	ANGLE	ANG PT
MAN H			2100.00	534.50	48	0.013	0.00	0.00	0.00
0									
ELEMENT NO	17 IS A REACH	U/S DATA	STATION	INVERT	SECT	N <td>RADIUS</td> <td>ANGLE</td> <td>ANG PT</td>	RADIUS	ANGLE	ANG PT
MAN H			2122.19	537.83	48	0.013	100.00	38.43	0.00
0									
ELEMENT NO	18 IS A REACH	U/S DATA	STATION	INVERT	SECT	N <td>RADIUS</td> <td>ANGLE</td> <td>ANG PT</td>	RADIUS	ANGLE	ANG PT
MAN H			2162.38	543.86	48	0.013	0.00	0.00	0.00
0									
ELEMENT NO	19 IS A REACH	U/S DATA	STATION	INVERT	SECT	N <td>RADIUS</td> <td>ANGLE</td> <td>ANG PT</td>	RADIUS	ANGLE	ANG PT
MAN H			2195.12	548.77	48	0.013	100.00	18.75	0.00
0									
ELEMENT NO	20 IS A REACH	U/S DATA	STATION	INVERT	SECT	N <td>RADIUS</td> <td>ANGLE</td> <td>ANG PT</td>	RADIUS	ANGLE	ANG PT
MAN H			2276.07	560.91	48	0.013	0.00	0.00	0.00
0									
ELEMENT NO	21 IS A REACH	U/S DATA	STATION	INVERT	SECT	N <td>RADIUS</td> <td>ANGLE</td> <td>ANG PT</td>	RADIUS	ANGLE	ANG PT
MAN H			2300.00	564.50	48	0.013	0.00	0.00	0.00
0									



ALT20

DATE: 6/16/2010  
TIME: 11:14

F0515P  
WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING

CARD	SECT	CHN	NO OF	AVE	PIER	HEIGHT	1	BASE	ZL	ZR	INV	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	PAGE
Y(10)	NO	TYPE	PIERS	WIDTH	DIAMETER	WIDTH					DROP										

CD	48	4																				
											4.00											PAGE NO

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -  
 RANCHO PALOS VERDES SAN RAMON ALT 2 CANYON ALG SYSTEM HYDRAULICS

PREPARED ER 06/16/10

HEADING LINE NO 3 IS -

FILENAME: ALT2IN F 0 5 1 5 P

PAGE NO

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO	1	IS A	SYSTEM	OUTLET	*	*	*	*														
MAN H	U/S DATA	STATION	INVERT	SECT	940.00	374.24	48															

ELEMENT NO	2	IS A	REACH	*	*	*	*															
MAN H	U/S DATA	STATION	INVERT	SECT	1000.00	387.16	48															

ELEMENT NO	3	IS A	REACH	*	*	*	*															
MAN H	U/S DATA	STATION	INVERT	SECT	1050.00	397.93	48															

ELEMENT NO	4	IS A	REACH	*	*	*	*															
MAN H	U/S DATA	STATION	INVERT	SECT																		



3  
Q

218.5

Q50ALT2

File name: H:\RanchoPV\San Ramon SD\A-Hydrology\WMS\50-YEAR\ALT 2\Alt2Burn.tac Run date: Wed Jun 16 07:41:53 2010

Los Angeles County Flood Control District  
Modified Rational Method Hydrology

PCT LOCATION IMPV	SUBAREA	AREA	Storm Day 4		Storm Frequency 50			CONV	SLOPE	CONV	SIZE	CONV	Z	CONTROL	SOIL	RAIN
			TOTAL	Q	TOTAL	Q	TOTAL									
1	1A	41.7	44.16	41.7	44.16	8.303	0	0	0.00000	0.00	0.00	0	2	28	4.93	
0.26																
1	2A	0.0	0.00	41.7	44.16	8.305	3	1982	0.16417	64-8	0.00	0	2	0	4.93	
0.00																
1	3A	25.8	42.19	67.5	75.92	14.263	0	0	0.00000	0.00	0.00	0	2	12	4.81	
0.43																
1	4A	0.0	0.00	67.5	75.92	14.262	2	2394	0.14320	0.00	0.00	0	2	0	4.81	
0.00																
1	5A	56.2	73.12	123.7	143.08	27.041	0	0	0.00000	0.00	0.00	0	202	19	4.66	
0.29																
1	6A	0.0	0.00	123.7	143.08	27.042	4	1895	0.11679	2.50	0.00	0	202	0	4.66	
0.00																
1	7B	35.1	51.90	35.1	51.90	6.837	0	0	0.00000	0.00	0.00	0	202	14	4.56	
0.13																
1	8B	0.0	0.00	35.1	51.90	6.839	2	1253	0.11631	0.00	0.00	0	202	0	4.56	
0.00																
1	9B	24.7	29.75	59.8	80.89	11.061	0	0	0.00000	0.00	0.00	0	202	20	4.50	
0.01																
1	10AB	59.8	80.89	183.5	218.47	38.104	0	0	0.00000	0.00	0.00	0	202	0	4.50	
0.00																

Normal End of MODRAT

Los Angeles County Flood Control District  
 Modified Rational Method Hydrology

PCT LOCATION IMPV	SUBAREA	AREA	Storm Day 4		Storm Frequency 1		CONV	SLOPE	CONV	SIZE	CONV	CONTROL	SOIL	Q	NAME	TC	RAIN
			TOTAL	Q	TOTAL	Q											
1	1A	41.7	53.28	41.7	53.28	9.810	0	0.00000	0	0.00	0.00	0	2	25	5.53		
0.26	1	0.0	0.00	41.7	53.28	9.811	3	0.16417	3	1982	0.16417	0	2	0	5.53		
0.00	1	25.8	49.97	67.5	90.40	16.720	0	0.00000	0	0.00	0.00	0	2	11	5.40		
0.43	1	0.0	0.00	67.5	90.40	16.719	2	0.14320	2	2394	0.14320	0	2	0	5.40		
0.00	1	56.2	87.64	123.7	169.87	31.606	0	0.00000	0	0.00	0.00	0	202	17	5.23		
0.29	1	0.0	0.00	123.7	169.87	31.608	4	0.11679	4	1895	0.11679	0	202	0	5.23		
0.00	1	35.1	63.85	35.1	63.85	8.078	0	0.00000	0	0.00	0.00	0	202	12	5.12		
0.13	1	0.0	0.00	35.1	63.85	8.081	2	0.11631	2	1253	0.11631	0	202	0	5.12		
0.00	1	24.7	36.80	59.8	99.67	13.135	0	0.00000	0	0.00	0.00	0	202	17	5.04		
0.01	1	59.8	99.67	183.5	262.41	44.743	0	0.00000	0	0.00	0.00	0	202	0	5.04		
0.00	1	0.00	0.00	0.00	0.00	0.000	0	0.00000	0	0.00	0.00	0	202	0	5.04		

Normal End of MODRAT