DRAWING NUMBER K-9-A

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
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ORIGINAL SIZE OF PRINTED DRAWING

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LOHMAN RIDGE TUNNEL
PROJECT BOUNDARY

Scale: 1"= 400'

Contour Interval 20 Feet

U. S. A.

See Exhibit K-5-A for Camptonville Tunnel

Yuba County Water Agency

LOG CABIN DIVERSION DAM
31.78 Ac.
18.95 Ac.

SEC. 11 T 18 N R 8 E

CAMPTONVILLE TUNNEL

COLGATE TUNNEL

LOHMAN RIDGE TUNNEL

NEW BULLARDS BAR DAM

COLGATE POWER HOUSE

LOHMAN-RIDGE-TUNNEL-EASEMENT

Southern Pacific Land Co.

Oregon Creek

KEY TO SHEETS

NOTE: Oregon Creek Gaging Station No.2 is located in the NE.1/4 Sec.11,T.18N.,R.8E. 1.5 miles upstream from Log Cabin Dam at Camptonville bridge

SOUTHERN PACIFIC LAND CO.

SEE DETAIL A

SEE DETAIL B

SIERRA CO. NEVADA CO.

T 18 N R 8 E

T 18 N R 9 E

DETAIL A
Scale: 1" = 500'

Southern Pacific Land Company

J.M. & F.O. Anselm

LOHMAN RIDGE TUNNEL EASEMENT

DETAIL B
Scale: 1"= 500'

Southern Pacific Land Company

LOHMAN RIDGE TUNNEL EASEMENT

LOT 49 BLUE ANCHOR Q.M. Mg Thomas, et al.

HARRISON & MARY C. AIKENS

EDGAR S.& NELLIE R. WARREN

P.M.S.M.A. LEMMONS

SOUTHERN PACIFIC LAND CO.

MIDDLE YUBA RIVER

LOHMAN RIDGE TUNNEL
PROJECT BOUNDARY

Scale: 1"= 2000'

Contour Interval 100 Feet

LOHMAN RIDGE TUNNEL
PROJECT BOUNDARY

Scale: 1"= 400'

Contour Interval 20 Feet

Existing Co. Road

OUR HOUSE ROAD

17.60 Ac. Total In Road Easement

Southern Pacific Land Co.

I.A. Thomas

OUR HOUSE DIVERSION DAM

U. S. A.
68.12 Ac.

7.76 Ac.

SEC. 20 T 18 N R 9 E

NORTH 12.62

Nor. Reservoir W.S. El. 1970.0 & Spillway Crest

CAPACITY

AREA

Streambed El. 1931±

AREA – ACRES

Reservoir Elevation – Feet

Capacity-Acre-Feet

AREA-CAPACITY CURVES
LOG CABIN DIVERSION DAM

Top of Dam El. 2049

Nor. Reservoir W.S. El. 2030 & Spillway Crest

Streambed El. 1981±

AREA-CAPACITY CURVES
OUR HOUSE DIVERSION DAM

THE SURVEY WAS PERFORMED UNDER SUPERVISION OF THE UNDERSIGNED BY ST. MAURICE-HELMKAMP-MUSSER, MARYSVILLE, CALIFORNIA, FOR INTERNATIONAL ENGINEERING COMPANY, INC., ENGINEERS FOR YUBA COUNTY WATER AGENCY, THE LICENSEE.

DATE: Jan. 1970

Lewis J. Dewey
LICENSED LAND SURVEYOR "2692
ST. MAURICE – HELMKAMP – MUSSER

LICENSED LAND SURVEYOR LEWIS J. DEWEY L.S. 2692 STATE OF CALIFORNIA

BOUNDARY CURVE TABULATION

STA. TO STA.	Δ	R	℄ ARC LEN
841 — 842	86°04.00"	50.00	48.26 76.79
843 — 844	36 24 00	115.00	37.81 73.06
845 — 846	54 34 00	150.00	77.37 142.86
847 — 848	13 17 00	150.00	17.47 34.78
849 — 850	3 41 00	450.00	14.47 28.93
851 — 852	53 09 00	225.00	112.51 208.65
853 — 854	6 14 00	550.00	29.93 59.84
855 — 856	24 48 00	150.00	32.98 64.93
857 — 858	90 08 00	150.00	144.72 218.12
859 — 860	29 47 00	50.00	13.30 25.99
861 — 862	43 00 00	50.00	19.70 37.52
863 — 864	23 27 00	150.00	31.33 61.39
865 — 866	7 51 00	150.00	10.29 20.55
867 — 868	29 18 00	50.00	13.07 25.57
869 — 870	46 02 00	125.00	53.10 100.43
871 — 872	2 50 00	450.00	15.06 30.11
873 — 874	8 43 00	450.00	34.30 68.46
875 — 876	2 21 00	250.00	5.13 10.25
877 — 878	6 33 00	150.00	11.21 22.38
879 — 880	38 51 00	250.00	88.16 169.52
881 — 882	8 13 00	150.00	10.77 21.51
883 — 884	8 16 00	250.00	18.07 36.07
885 — 886	35 38 00	125.00	40.17 77.74
887 — 888	33 17 00	150.00	44.84 87.14
890 — 891	154 50 00	125.00	113.00 67.56
892 — 893	16 17 00	100.00	14.31 28.42
895 — 896	100 54 00	125.00	151.37 220.13
897 — 898	101 01 00	25.00	30.34 44.08
899 — 900	96 41 22	115.00	129.28 194.07
900 — 901	13 47 38	115.00	13.91 27.69
902 — 903	43 26 00	50.00	23.03 43.17
904 — 905	46 23 00	115.00	49.27 93.10
906 — 907	84 43 00	25.00	23.61 37.84
908 — 909	21 48 00	200.00	38.51 76.10
910 — 911	38 55 00	150.00	53.00 101.88
912 — 913	80 12 00	115.00	96.84 160.97
914 — 915	154 50 00	15.00	8.41 15.33
916 — 917	37 26 00	50.00	16.94 32.67
918 — 919	160 00 00	150.00	21.08 41.89
920 — 921	29 46 00	250.00	17.96 35.85
922 — 923	20 08 00	50.00	8.88 17.57
924 — 925	45 12 00	150.00	62.44 118.33
926 — 927	3 08 00	150.00	3.08 6.15
928 — 929	30 42 00	125.00	34.31 66.98
930 — 931	9 20 00	300.00	24.49 48.87
932 — 933	25 37 00	100.00	22.73 44.71
934 — 935	53 37 00	115.00	58.11 107.62
936 — 937	16 22 00	150.00	21.57 42.85
938 — 939	13 35 00	150.00	17.86 35.56
942 — 943	13 35 00	250.00	29.77 59.27
944 — 945	16 22 00	250.00	35.95 71.41
946 — 947	53 37 00	150.00	77.97 14.04
948 — 949	25 37 00	200.00	45.47 89.42
950 — 951	9 20 00	200.00	16.33 32.58
952 — 953	30 42 00	225.00	61.76 120.56
954 — 955	9 02 00	250.00	19.75 39.42
	CONTINUED		

CURVE TABULATION CONTINUATION

STA – STA.	Δ	R	℄ ARC LEN
956 – 957	45° 12' 00"	50.00	20.81 39.44
958 – 959	20 08 00	150.00	26.63 52.71
960 – 961	28 46 00	50.00	12.82 25.10
962 – 963	16 00 00	250.00	35.14 69.81
964 – 965	37 26 00	150.00	50.62 98.00
966 – 967	58 34 00	115.00	64.49 117.55
968 – 969	80 12 00	15.00	12.63 21.00
970 – 971	38 55 00	50.00	17.67 33.96
972 – 973	21 48 00	300.00	57.77 114.14
974 – 975	86 43 00	125.00	118.03 189.19
976 – 977	46 23 00	15.00	6.43 12.14
978 – 979	26 39 21	150.00	35.54 69.78
980 – 981	23 07 23	200.00	40.91 80.71
982 – 983	29 07 25	175.00	45.46 88.95
983 – 984	71 53 35	175.00	126.90 219.58
987 – 988	16 17 00	200.00	28.61 56.94
989 – 990	154 50 00	125.00	559.98 337.79
992 – 993	33 17 00	50.00	14.95 29.05
994 – 995	35 38 00	225.00	72.31 139.93
996 – 997	8 16 00	150.00	10.84 21.64
998 – 999	8 13 00	250.00	17.96 35.85
1000 – 1001	38 51 00	150.00	52.90 101.71
1002 – 1003	8 33 00	250.00	18.69 37.31
1004 – 1005	2 21 00	150.00	3.08 6.15
1006 – 1007	8 43 00	550.00	41.92 83.67
1008 – 1009	3 50 00	550.00	18.41 36.80
1010 – 1011	46 02 00	25.00	10.62 20.09
1012 – 1013	29 18 00	150.00	39.21 76.71
1014 – 1015	7 51 00	50.00	3.43 6.85
1016 – 1017	23 27 00	50.00	10.38 20.46
1018 – 1019	43 00 00	150.00	59.09 112.57
1020 – 1021	29 47 00	150.00	39.89 77.97
1022 – 1023	96 08 00	30.00	33.40 50.34
1024 – 1025	24 48 00	250.00	54.97 108.21
1026 – 1027	6 14 00	450.00	24.50 48.96
1028 – 1029	53 08 00	125.00	62.50 115.92
1030 – 1031	3 41 00	550.00	17.66 35.36
	CONTINUED		

CURVE TABULATION CONTINUATION

STA. STA	Δ	R	℄ ARC LEN
1032 1033	13°17'00"	250.00	29.11 57.96
1034 1035	54 34 00	50.00	25.79 47.62
1036 1037	36 24 00	215.00	70.69 136.59
1038 1039	88 00 00	150.00	144.85 230.28

STA. TO STA.	BEARING	DIST.
840 – 841	S 14° 07' 00" E	171.54
842 – 843	N 77 53 00 E	153.64
844 – 845	N 41 29 00 E	36.85
846 – 847	S 83 57 00 E	53.34
848 – 849	N 82 46 00 E	79.58
850 – 851	N 79 05 00 E	190.04
852 – 853	S 47 47 00 E	162.30
854 – 855	S 41 33 00 E	46.39
856 – 857	S 66 21 00 E	108.79
858 – 859	S 29 47 00 W	63.52
860 – 861	SOUTH	76.52
862 – 863	S 43 00 00 E	0.71
864 – 865	S 19 53 00 E	12.72
866 – 867	S 11 42 00 E	68.10
868 – 869	S 41 00 00 E	70.17
870 – 871	S 5 02 00 W	169.07
872 – 873	S 1 12 00 W	17.18
874 – 875	S 7 31 00 E	175.66
876 – 877	S 5 10 00 E	80.86

STA. TO STA.	BEARING	DIST.
878 – 879	S 13° 43' 00" E	188.84
880 – 881	S 25 08 00 W	94.05
882 – 883	S 16 55 00 W	72.58
884 – 885	S 25 11 00 W	151.42
886 – 887	S 10 27 00 E	189.44
888 – 889	S 22 50 00 W	54.25
889 – 890	S 22 50 00 W	68.21
891 – 892	N 48 00 00 E	61.04
893 – 894	N 31 43 00 E	39.48
894 – 895	N 31 43 00 E	23.80
896 – 897	S 47 23 00 E	5.70
898 – 899	N 31 36 00 E	67.69
901 – 902	S 37 55 00 E	23.80
903 – 904	S 87 23 00 E	13.67
905 – 906	S 41 00 00 E	33.18
907 – 908	N 52 17 00 E	15.06
909 – 910	N 30 29 00 E	75.55
911 – 912	N 69 26 00 E	12.36
913 – 914	S 30 24 00 E	64.83

STA. TO STA.	BEARING	DIST.
915 – 916	S 88° 58' 00" E	13.18
917 – 918	N 53 36 00 E	157.92
919 – 920	N 37 36 00 E	56.05
921 – 922	N 66 22 00 E	8.99
923 – 924	N 46 14 00 E	22.32
925 – 926	S 88 34 00 E	101.62
927 – 928	N 82 24 00 E	121.34
929 – 930	N 51 42 00 E	7.38
931 – 932	N 61 02 00 E	182.77
933 – 934	N 35 25 00 E	103.67
935 – 936	N 69 02 00 E	57.41
937 – 938	N 72 40 00 E	21.27
939 – 940	N 50 05 00 E	94.31
941 – 942	S 59 05 00 W	34.42
943 – 944	S 72 40 00 W	21.27
945 – 946	S 80 02 00 W	57.41
947 – 948	S 35 25 00 W	103.67
949 – 950	S 61 02 00 W	182.77
951 – 952	S 51 42 00 W	7.38
953 – 954	S 82 24 00 W	121.34
955 – 956	N 88 34 00 W	101.62
957 – 958	S 46 14 00 W	22.32
959 – 960	S 66 22 00 W	8.99
961 – 962	S 37 36 00 W	56.05
963 – 964	S 53 36 00 W	157.92
965 – 966	N 88 58 00 W	13.18
967 – 968	N 30 24 00 W	64.83
969 – 970	S 69 24 00 W	12.36
971 – 972	S 30 29 00 W	75.55
973 – 974	S 52 17 00 W	15.06
975 – 976	N 41 00 00 W	33.18
977 – 978	N 87 23 00 W	13.67
979 – 980	S 0 04 50 E	55.25
981 – 982	S 31 36 00 W	9.07
984 – 985	N 47 23 00 W	5.70
985 – 986	N 47 23 00 W	20.65
986 – 987	S 31 43 00 W	28.71
988 – 989	S 48 00 00 W	61.04
990 – 991	N 22 50 00 E	52.32
991 – 992	N 22 50 00 E	70.14
993 – 994	N 10 27 00 W	189.44
995 – 996	N 25 11 00 E	151.42
997 – 998	N 16 55 00 E	72.58
999 – 1000	N 25 08 00 E	94.05
1001 – 1002	N 13 43 00 W	188.84
1003 – 1004	N 5 10 00 W	80.86
1005 – 1006	N 7 31 00 W	175.66
1007 – 1008	N 1 12 00 E	17.18

STA. TO STA.	BEARING	DIST.
1009 – 1010	N 0° 02' 00" E	169.02
1011 – 1012	N 41 00 00 W	70.17
1013 – 1014	N 11 42 00 W	68.10
1015 – 1016	N 19 33 00 W	12.72
1017 – 1018	N 43 00 00 W	0.71
1019 – 1020	NORTH	76.52
1021 – 1022	N 29 47 00 E	63.52
1023 – 1024	N 66 21 00 W	108.78
1025 – 1026	N 41 33 00 W	46.39
1027 – 1028	N 47 47 00 W	162.30
1029 – 1030	S 79 05 00 W	190.04
1031 – 1032	S 82 46 00 W	79.58
1033 – 1034	N 83 57 00 W	53.34
1035 – 1036	S 41 29 00 W	36.85
1037 – 1038	S 77 53 00 W	153.64
1039 – 1040	N 14 07 00 W	184.12
1040 – 840	N 83 03 38 E	100.62

LONGITUDINAL PROFILE
LOHMAN RIDGE TUNNEL

Horiz. Scale: 1"=1000' Vert. Scale: 1"= 400'

Elevation in Feet

Nor. Res. W.S. Elev. 1970

OREGON CREEK Inv. Elev. 1916.38

MIDDLE YUBA RIVER Inv. Elev. 2015

Nor. Res. W.S. Elev. 2030

S = 0.0036

S = 0.0010

S = 0.0030

NOTE: ALL TOPOGRAPHIC INFORMATION ON THIS MAP WAS OBTAINED FROM THE YUBA COUNTY WATER AGENCY MAP, EXHIBIT K-9, PREPARED BY INTERNATIONAL ENGINEERING COMPANY INC.

NOTE:
Middle Yuba River Gaging Station No 1 is located in the S.1/2 of Section 15, T.18N., R.9E.; 2.3 miles upstream from Our House Dam, 100' downstream from the bridge at Foote Crossing.

Middle Yuba River Gaging Station No 2 is located in the N.W. 1/4 of Section 20, T.18N., R.9E.; 600' downstream from Our House Dam.

RECEIVED
JUN 17 1971
YUBA COUNTY WATER AGENCY

This drawing is part of Exhibit K, Project Number 2246, submitted by the undersigned this 22nd day of December, 1970

YUBA COUNTY WATER AGENCY
By. Harold J. Jacobsen
Chairman, Board of Directors

Attested. Roy H. Sanderman
Secretary

Mean Declination 1952: 18° East of True North (Magnetic North)

REGISTERED PROFESSIONAL ENGINEER No. 10,747 CIVIL STATE OF CALIFORNIA

INTERNATIONAL ENGINEERING COMPANY, INC.
SAN FRANCISCO, CALIFORNIA
DESIGN ENGINEERS

APPROVED. G. B. Markoria
REGISTERED CIVIL ENGINEER
NO. 10747

YUBA COUNTY WATER AGENCY
YUBA RIVER DEVELOPMENT

EXHIBIT K-9-A

REVISED — 1970

MIDDLE YUBA-OREGON CREEK DIVERSION PROJECT
OUR HOUSE & LOG CABIN RESERVOIRS

PROJECT AND PROPERTY BOUNDARIES

224 — 137