

1992-08-23-HI-FEA-Pahoehoe Village Lots Utility Easement

Environmental Assessment  
for  
Proposed Installation of Overhead Electrical Facilities  
Anchor Easement in State Land  
Pahoehoe, Puna, Hawaii

I. Applicant

Hawaii Electric Light  
Company, Inc. and  
Hawaiian Telephone Company

Approving Agency

Division of Land Management  
Department of Land and  
Natural Resources

II. Project Description

A. Location

State land situated on Kahakai Blvd. and Kalapana Rd., Puna, Hawaii. Tax Map Key No. 1-5-116:Parcel 18; encumbered by G. L. No. S-4431 to James J. Kuwana, Tax Map Key No. 1-5-116:Parcel 19, encumbered by G. L. No. S-4432 to Vernon B. Inouye, Tax Map Key No. 1-5-116:Parcel 46, encumbered by G. L. No. S-4800 to Curtis K. Kohashi and Tax Map Key No. 1-5-03:Parcel 45, encumbered by G. R. No. 4963 to State of Hawaii - Department of Education.

B. Proposed Action

Utilization of perpetual anchor easements as detailed on Drawing No. 84-E-849, Sht. 2 of 3, attached.

C. Remarks

The applicant is proposing the installation of four (4) anchors and guy wires in conjunction with the relocation of poles due to State of Hawaii, Department of Transportation, Pahoehoe Town By Pass Project No. RS-0130(20). This project is from Kahakai Blvd. to Kalapana Road.

This proposed relocation will traverse along Kahakai Blvd. and Kalapana Road but will require encroachment of anchors into State Land.

III. Description of Affected Environment

A. Existing Use

The easement area, situated along roadway, is overgrown with vegetation commonly found in the Puna District.

B. Topography and Soils

The terrain primarily consists of pahoehoe (rLW) lava with little or no soil cover. The easement area for Tax Map Key No. 1-5-116: Parcels 18, 19, and 46 are at an elevation of approximately 600 ft. with gradual slope. The easement area for Tax Map Key No. 1-5-03: Parcel 45 is at an elevation of 680 ft.

C. Flora and Fauna

Vegetation is basically uluhe (staghorn fern) and sparse young Ohia.

D. Drainage

The rainfall average is about 80 to 110 inches annually with no evidence of drainage problems.

E. Historic and Archaeological

The field survey by the applicant concludes that no structures or features of historical and/or archaeological significance were observed in the area.

F. Surrounding Land Use

The surrounding land area is barren lava and covered with staghorn fern and young Ohia trees. Scattered single family dwellings are located on several of the adjacent farmlots.

G. Utilities and Services

There are existing electrical, telephone and water available in the immediate vicinity.

IV. Probable Impacts

A. Short Term

Temporary anticipated short term impacts evident at time of excavation will be noise, dust, fuel emissions and traffic inconvenience during construction.

B. Long Term

No long term impacts are expected except for minimum clearing of vegetation which should not disturb the ecological and biological environment.

V. Alternatives to the Proposed Action

Rejection of the easements shall delay the construction start date of this project. Alternate relocation designs will need to be considered which would most likely increase the cost to our customer.

VI. Irreversible and Irretrievable Commitment of Resources

The only resources that would be irretrievably committed are lava land forms and loss of vegetation within the easement area.

VII. Mitigating Measures

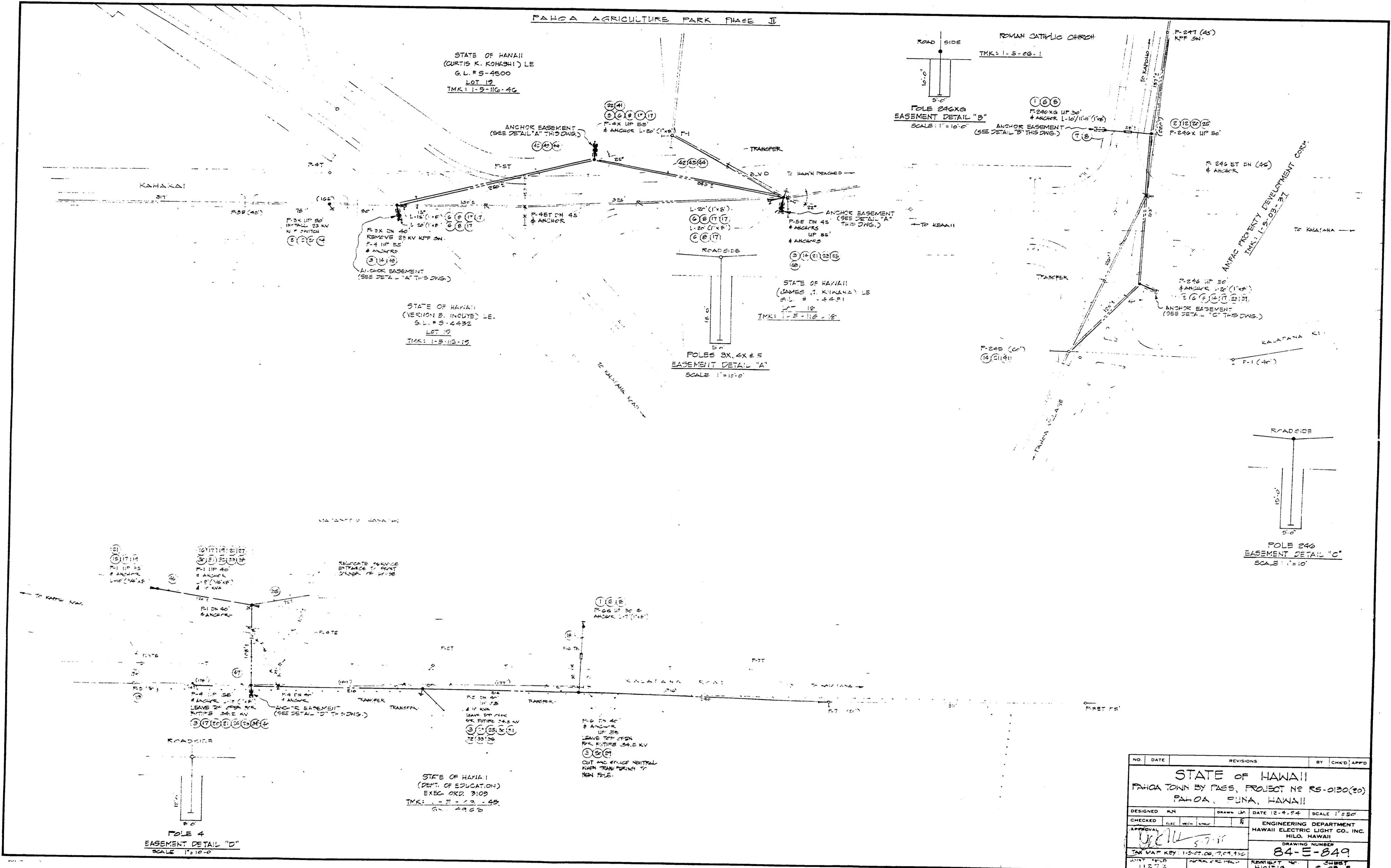
Construction of utility lines shall conform to all governmental rules and regulations.

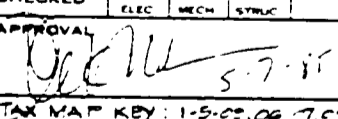
ES0:cr

**OVERSIZED  
DRAWING/MAP**

**PLEASE SEE  
35MM ROLL**

0085



NO.	DATE	REVISIONS	BY	CHECK	APPROV.
<b>STATE OF HAWAII</b>					
PAHOA TOWN BY PASSES, PROJECT NO RS-0130(20)					
PAHOA, PUNA, HAWAII					
DESIGNED	KJH	DRAWN	JA	DATE	12-9-74
CHECKED	LEC	REVISED	R	SCALE	1"=50'
APPROVAL			ENGINEERING DEPARTMENT HAWAII ELECTRIC LIGHT CO., INC. HILLO, HAWAII		
DRAWING NUMBER <b>84-E-849</b>			SUBMIT NO. 2 OF 8		
DATE FILED 11-20-74			DRAWING NO. 11-20-74		

0085

AUG 23 1992

ENVIRONMENTAL ASSESSMENT  
FOR

Proposed Pole Line Relocation to Accommodate County of Hawaii Road Resurfacing  
Project, Pahoa Town Road, Puna

Anchor Easement in State Land, Pahoa, Puna, Hawaii

I. Applicant

Hawaii Electric Light Co., Inc.  
P.O. Box 1027  
Hilo, Hawaii 96721-1027

Approving Agency

Division of Land Management  
Department of Land and  
Natural Resources

II. Project Description

- A. Location: State land situated at Pahoa, Puna, Hawaii, identified by Tax Map Key No. 1-5-117: Parcel 24 encumbered by General Lease No. S-4698 to Kinoole Baptist Church.
- B. Proposed Action: Utilization of a perpetual 5'-0" x 5'-0" anchor easement per Drawing No. 88-A-672A.
- C. Remarks: The proposed pole line will be located within the road right-of-way, but will require encroachment into Parcel 24 for the installation of an anchor rod and guy wires necessary to stabilize the pole line.

III. Description of Affected Environment

- A. Existing Use: The easement area is within the yard of a day-care center.
- B. Topography and Soils: The terrain is fairly level and consists of a thin layer of soil concealing lava.
- C. Flora and Fauna: The vegetation is grass. No faunae were observed.
- D. Drainage: The rainfall averages 146.88 inches annually with no evidence of drainage problems.
- E. Historic and Archaeological: The field survey by the applicant concludes that no structures or features of historical and/or archaeological significance were observed in the area.
- F. Surrounding Land Use: The adjoining area is residential.

- G. Utilities and Services: There are electrical, telephone, cable TV and water utilities available fronting the subject area.

IV. Probable Impacts

- A. Short Term: Temporary anticipated short term impacts evident at time of excavation will be noise, dust, fuel emissions and traffic inconvenience during construction.
- B. Long Term: No long term impacts are expected.

V. Alternatives to the Proposed Action

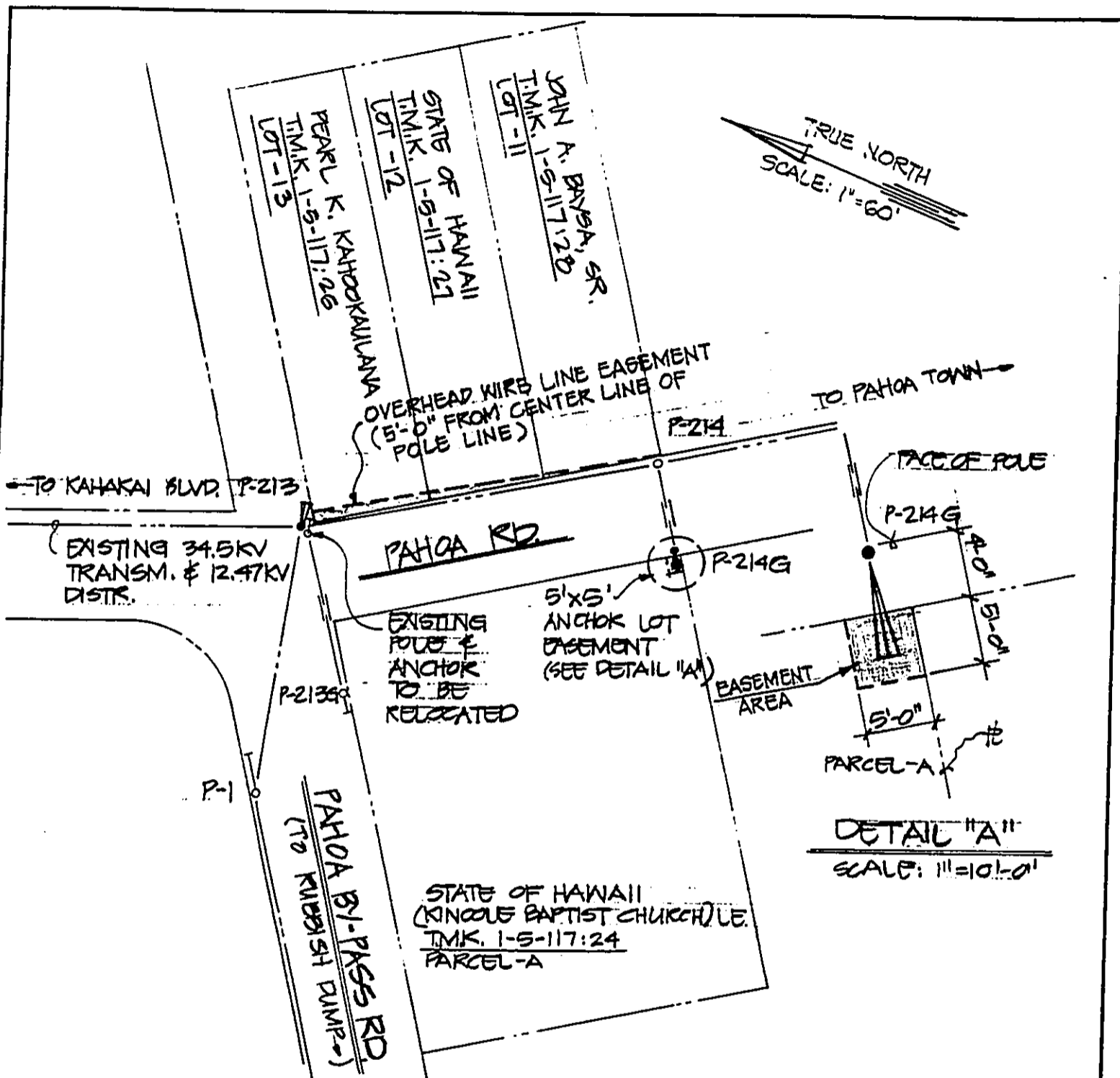
Rejection of the easement will delay relocation of the pole line out of the resurfaced road right-of-way, where it is presently a possible hazard to traffic. Alternative routes would require large encroachment into private lands where structures are built close to the roadway.

VI. Irreversible and Irretrievable Commitment of Resources

There are no adverse and irretrievable effects due to this installation.

VII. Mitigating Measures

Relocation of this pole line shall conform to all governmental rules and regulations.



TRUE NORTH  
SCALE: 1"=60'

DETAIL "A"  
SCALE: 1"=10'-0"

**LEGEND**

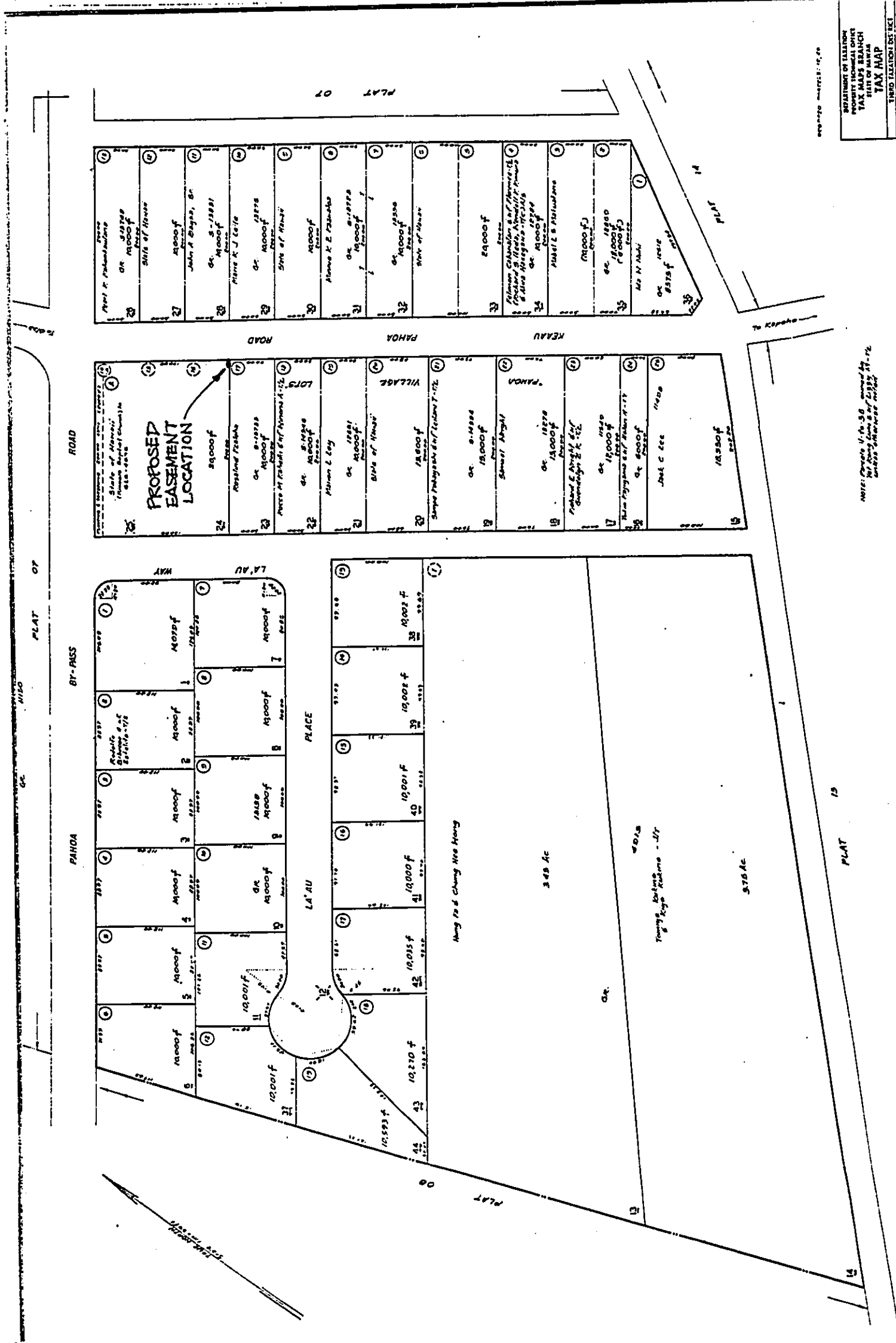
- EXISTING POLE
- PROPOSED POLE
- EXISTING ANCHOR
- ▴ PROPOSED ANCHOR

**PLAN**

SCALE: 1"=60'-0"

HAWAII ELECTRIC LIGHT CO., INC. HILO, HAWAII			
CH DAN - PAHOA RESURFACING PAHOA TOWN RD - PUNA POLE LINE EASEMENT			
DEPT./REQ. NO.	HI 17529	SURVEYED	BSD
CHK'D/APP'D	A	SCALE	AS NOTED
W.O. NO.		JP. NO.	DATE 8/1/88
T.M.K. 1-5-17		NUMBER	88-A-672A





DEPARTMENT OF LAND AND NATURAL RESOURCES PROPERTY INFORMATION OFFICE TAX MAPS BRANCH STATE OF HAWAII TAX MAP			
INDEX	SECTION	PLAT	DATE
1	5	17	1981

FOR PROPERTY ASSESSMENT PURPOSES  
SUBJECT TO CHANGE

NOTE: Plots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

3 444  
PANOHA VILLAGE, 1015, FOR KEOHEHO HUSTED, PUNA HAWAII (formerly, per 1-5-07)