

LOCATION MAP PROSITE

SENIOR LAND SURVEYOR'S CERTIFICATE:

N.T.S

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 26 DAY OF NOVEMBER, 2019.

MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR



MOOREA

DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 26 DAY OF NOVEMBER, 2019.

WADE WEAVER, PLS. DEPUTY COUNTY SURVEYOR





OC PUBLIC WORKS DEPARTMENT

SHANE SILSBY, DIRECTOR KEVIN HILLS, COUNTY SURVEYOR

LAGUNA CANYON CHANNEL (102) SEGMENT I

CHANNEL MAINTENANCE PROJECT

FOUND CGPS "WHYT"
N: 2191881.31'
E: 6137735.65'
THIS IS A CONTINUOUS GPS
STATION (CGPS) AND IS PART OF
THE CALIFORNIA SPATIAL
PREFERENCE NETWORK (CSRN),
FROM WHICH DATA CAN BE
DOWNLOADED HERE:
HTTP: //SOPACCSRC.UCSD.EDU/.



TOPOGRAPHIC MAPPING PROJECT



BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2007.00) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS (WHYT) AND (SBCC) BEING NORTH 07°50'54" EAST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS 2007.0 EPOCH ADJUSTMENT.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES DIVIDE GRID BY 0.99998548 ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM. 1E-71-69 ELEV. = 197.808' YEAR LEVELED: 1988

NAVD 1988 (O.C.S. 1995 ADJUSTMENT)

DESCRIPTION: FOUND 3 3\4" OCS ALUMINUM BENCHMARK DISK STAMPED "3K-34-70", SET IN THE WESTERLY CORNER OF A 4 FT. BY 9 FT. CONCRETE CATCH BASIN. MONUMENT IS LOCATED ALONG THE SOUTHERLY SIDE OF LAGUNA CANYON ROAD (RTE 133) 0.4 MILES NORTHEASTERLY ALONG(RTE 133) FROM THE CENTERLINE OF PACIFIC COAST HIGHWAY, 39.5 FT. SOUTHWESTERLY OF THE CENTERLINE OF LAGUNA CANYON ROAD AND DIRECTLY ACROSS LAGUNA CANYON ROAD FROM A SIGN READING "HOME OF THE FESTIVAL OF ARTS LAGUNA BEACH" MONUMENT IS SET LEVEL WITH THE SIDEWALK.

NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES.

PARCELS SHOWN WITHOUT BEARING AND DISTANCES ARE FOR GRAPHICAL PURPOSES AND ARE PENDING RECEIPT OF TITLE REPORT.

SHEET INDEX

SHEET NO. DESCRIPTION
SHEET 1 TITLE SHEET
SHEETS 2-9 BOUNDARY/RIGHT OF WAY
SHEETS 10-13 TOPOGRAPHIC MAP

ALIGNMENT NOTE

THE CONSTRUCTION ALIGNMENT SHOWN HEREIN WAS ESTABLISHED BY HOLDING 10+00 AT THE INTERSECTION OF THE EXISTING CONCRETE FLOWLINE OF THE CHANNEL AND THE S'WLY FACE OF THE MOST S'WLY BRIDGE WALL.

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP AND RIGHT OF WAY ESTABLISHMENT FOR THIS PORTION OF THE LAGUNA CHANNEL (I 01).

			OC SURVEY/F	& MAPPING				
			LAGUNA CHANNEL (I02) CHANNEL MAINTENANCE PROJECT					
			FROM: 340' SOUTH					
			TO: DOWNSTREAM OF MILIGAN DR.					
			DATE OF SURVEY: OCTOBER, 2019 TOPOGRAPHIC MAPPING OFFICE CHECK		BY: T. LOFGREEN & PARTY	SHEET NO.		
					BY: H. AFTIM/ R. BELTRAN	OHEET NO.		
					BY: M. KUBISTY, PLS.	1		
MARK	DATE	ITEM	FIELD CHECK		BY: T. LOFGREEN & PARTY	of		
REVISIONS -			SCALE: N.T.S	W.O. #EF21286	FILE NO. 1819PW-0P0010	12		
			FILE: LAGUNA CANYON CHANNEL SEGMENT 1_TOPO_2019.DWG		10			

MONUMENT NOTES FOUND PUNCHED SPIKE & WASHER STAMPED "CALTRANS," PER R3, DOWN 0.2' IN A.C. ACCEPTED FOUND 1" I.P. WITH TAG STAMPED "LS 4384" PER R32, DN 1.30" IN DIRT, ACCEPTED AS THE AS CENTERLINE INTERSECTION OF BROADWAY & TRAVERSE LINE SHOWN ON R2. SOUTHWEST CORNER OF PARCEL 2. 419 FOUND PUNCHED SPIKE & WASHER PER R2 DOWN 0.2' IN A.C. ILLEGIBLE, ACCEPTED AS 4472 FOUND 1" I.P. PER R32, HOLLOW, DN 0.65' IN DIRT, ACCEPTED AS THE CENTERLINE INTERSECTION OF BEACH STREET & OCEAN AVE. WESTERLY CORNER OF PARCEL 2. FOUND 3/4 "I.P. PER R1, HOLLOW, FLUSH IN DIRT LEANING N'WLY. N59°15'00"W 0.09' NOT FOUND 1" I.P. PER R32, HOLLOW DN 0.65' IN DIRT, ACCEPTED AS THE ACCEPTED AS POINT ON N'WLY RIGHT OF WAY OCEAN AVE. WESTERLY CORNER OF PARCEL 2. FOUND 1" I.P. WITH TAG STAMPED "LS 4384" PER R32, FLUSH IN AC, ACCEPTED AS THE FOUND 3/4 "I.P. PER R1, HOLLOW, FLUSH IN DIRT LEANING N'WLY. N59°15'00"W 0.18' NOT SOUTHWEST CORNER OF LOT A. ACCEPTED AS POINT ON N'WLY RIGHT OF WAY OCEAN AVE. FOUND 1" I.P. WITH TAG STAMPED "LS 4384" PER R32, FLUSH IN AC, ACCEPTED AS THE FOUND 1" I.P. WITH TAG STAMPED "RE 2708" PER R1 ACCEPTED AS POINT ON N'WLY RIGHT OF SOUTHERLY CORNER OF LOT A. WAY OCEAN AVE. 4218 FOUND 1" I.P. WITH TAG STAMPED "LS 4384" PER R32, FLUSH IN AC, ACCEPTED AS THE 428 FOUND LEAD & 3/4" BRASS TAG STAMPED "RCE 28328" PER R1, FLUSH IN CONCRETE, ACCEPTED SOUTHERLY ANGLE POINT OF LOT A. AS 1.00' OFFSET TO THE N'WLY RIGHT OF WAY OF OCEAN AVE. 4762 FOUND 1" I.P. WITH TAG STAMPED "LS 4384" PER R32, FLUSH IN AC, ACCEPTED AS THE FOUND LEAD & 3/4" BRASS TAG PER R1, FLUSH IN CONCRETE, STAMPED "RCE 28328" ACCEPTED SOUTHEAST CORNER OF LOT A. AS 1.00' OFFSET TO THE N'WLY RIGHT OF WAY OF OCEAN AVE. 4760 FOUND 1" I.P. WITH PLASTIC PLUG STAMPED "LS 4384" PER R32 ,FLUSH IN AC, ACCEPTED AS THE FOUND LEAD & 1 1/4" BRASS TAG STAMPED "BC RW 4-92, PER R1, FLUSH IN CONCRETE. EASTERLY CORNER OF LOT A. ACCEPTED AS B.C. IN S'WLY RIGHT OF WAY FOREST AVE. 4759 FOUND 1" I.P. WITH TAG STAMPED "LS 4384" PER R32, FLUSH IN AC, ACCEPTED AS THE FOUND MAG. NAIL & WASHER STAMPED "ORANGE COUNTY SURVEYOR" PER R2 FLUSH IN A.C., 434 EASTERLY ANGLE POINT OF LOT A. N25°35'05"E 1.65' FROM CENTERLINE INTERSECTION OCEAN AVE. & FOREST AVE. 4758 FOUND 1" I.P. PER R32, HOLLOW FLUSH IN AC, ACCEPTED AS THE FOUND LEAD & 3/4" BRASS TAG STAMPED "LS 3064" PER R7, FLUSH IN CONCRETE N62°18'25"W 444 FASTERLY ANGLE POINT OF LOT A. 0.48' NOT ACCEPTED AS CORNER "L" OF PARCEL 4 OF R7. FOUND 1" I.P. WITH TAG STAMPED "LS 4384" PER R32, FLUSH IN AC, ACCEPTED AS THE FOUND 1" BRASS TAG STAMPED "LS 1444" PER R7, FLUSH IN CONCRETE, ACCEPTED AS CORNER 445 EASTERLY ANGLE POINT OF LOT A. "H" OF PARCEL 4 OF R7. FOUND 1" I.P. WITH TAG STAMPED "LS 4384" PER R32 ,FLUSH IN AC, ACCEPTED AS THE 446 FOUND 1 1/2" I.P. HOLLOW PER R7, FLUSH IN DIRT, ACCEPTED AS W'LY CORNER OF PARCEL 4 OF NORTHEAST CORNER OF LOT A. 4474 FOUND 1" I.P. WITH TAG STAMPED "LS 4384" PER R32 ,FLUSH IN AC, ACCEPTED AS THE 448 FOUND 1" I.P., WITH TAG STAMPED " LS 4139", PER R7, FLUSH IN DIRT, ACCEPTED AS THE NW NORTHWEST CORNER OF LOT A. CORNER OF PARCEL 4 OF R7. FOUND 1" I.P. WITH TAG STAMPED "LS 3064" PER R32 ,FLUSH IN DIRT, ACCEPTED AS THE 449 FOUND LEAD AND TACK PER R14 FLUSH IN CONCRETE ACCEPTED AS THE B.C. OF THE NORTHEAST CORNER OF PARCEL 1. SOUTHWESTERLY RIGHT OF WAY OF LAGUNA CANYON FRONTAGE ROAD. 4414 FOUND A BROKEN GEAR SPIKE NO REFERENCE DN 0.25' IN AC, ACCEPTED AS THE 452 FOUND 2" I.P. WITH NAIL PER R9, FLUSH IN DIRT, ACCEPTED AS E.C. OF THE 1968 CENTERLINE CENTERLINE PI OF CANYON ACRES DRIVE. ALIGNMENT OF LAGUNA CANYON ROAD. 4753 FOUND A BROKEN SPIKE SHAFT NO REFERENCE, DN 0.25' IN AC, NORTHEASTERLY N37°21'25E 0.07' FROM 541 FOUND SPIKE & WASHER STAMPED O.C.S., PER R2, DOWN O.2' IN A.C., ACCEPTED AS CENTERLINE INTERSECTION HELD AS POINT ON CENTERLINE 1968 LAGUNA CANYON ROAD. INTERSECTION OF FOREST AVE., & THE N'ELY PROLONGATION OF THE CENTERLINE OF THE S'WLY 470 PORTION OF THE LAGUNA CANYON CHANNEL (102). FOUND GEAR SPIKE AND WASHER STAMPED "RCE 28328" PER34, FLUSH IN AC, ACCEPTED CENTERLINE PI OF ARROYO DRIVE. FOUND ROUND HEAD SPIKE & WASHER, ILLEGIBLE, NO REFERENCE, FLUSH IN A.C NO8°27'49"E 0.46' 4401 FOUND SPIKE WITH PUNCH & 1 1/4" WASHER STAMPED "CAL TRANS" PER R37, DN 0.20' IN AC, FROM CENTERLINE P.I OF FOREST AVE. ACCEPTED AS E.C. CENTERLINE 1968 LAGUNA CANYON ROAD. 560 FOUND GEAR SPIKE & WASHER STAMPED "KDM MERIDIAN, PLS 7564" PER R6, ACCEPTED AS THE 4488 FOUND 1" I.P. NO REFERENCE, NO TAG DN 2.5' IN DT, ACCEPTED AS NORTHWEST CORNER OF PARCEL 1 . CENTERLINE INTERSECTION OF FOREST AVE & LOMA PLACE. 4494 FOUND 1" I.P. PER R37, NO TAG UP 0.70' IN DIRT, ACCEPTED AS THE NORTHEAST CORNER OF PARCEL 1. 563 FOUND GEAR SPIKE & WASHER STAMPED "PLS 7564" PER R6 & R1, ACCEPTED AS CENTERLINE P.I. OF FOREST AVE. FOUND LEAD & 1 1/4" BRASS TAG PER R2, ILLEGIBLE, FLUSH IN TOP OF CURB, ACCEPTED AS 622 CENTERLINE PROD. OF BROADWAY. FOUND SPIKE & WASHER STAMPED O.C.S., PER R2, DOWN O.2' IN A.C., ACCEPTED AS THE INTERSECTION OF FOREST AVE., & THE N'ELY PROLONGATION OF THE S'ELY LINE OF LOTS 8 & 9, BLK-4 OF M.M 4/58-59, & THE S'ELY LINE OF BLK-E OF TRACT 208, MM 22-18, & ALSO BOUNDARY LINE PER BOOK 95-338 OF DEEDS, AS SHOWN BY R2. FOUND 1" I.P. WITH TAG ILLEGIBLE UNDER BRICK SIDEWALK ACCEPTED AS THE E.C. IN THE WESTERLY R/W OF FOREST AVENUE. FOUND MAG NAIL AND WASHER STAMPED "LS 5411" PER R39, FLUSH IN AC, SOUTHEASTERLY S62°43'07"E 0.27' NOT ACCEPTED AS THE BC OF LAGUNA CANYON FRONTAGE ROAD. 4497 FOUND LEAD AND TACK NO REFERENCE, FLUSH IN CONC. SIDEWALK, SOUTHEASTERLY S62°24'20"E 0.27' NOT ACCEPTED AS THE NORTHWESTERLY BC OF PARCEL 1. FOUND CHISELED "+" IN TOP OF CURB PER R14, SOUTHEASTERLY S42°26'42"E 0.25' NOT ACCEPTED AS REFERENCE TO NORTHWESTERLY BC OF PARCEL 1. 4250 FOUND SPIKE AND 1 3/4" WASHER STAMPED "LS 3064" PER R25, DN 0.20' IN AC, SOUTHEASTERLY S61°11'52"E 0.19' NOT ACCEPTED AS THE EC OF LAGUNA CANYON FRONTAGE ROAD. 4504 FOUND 1" I.P. WITH TAG STAMPED "LS 3064" PER R25, DN 0.35' IN DIRT, SOUTHEASTERLY S46°31'36"E 0.11' NOT ACCEPTED AS THE BC OF PARCEL 2 . FOUND 1" I.P. WITH TAG STAMPED "LS 3064" PER R25, DN 0.35' IN DIRT, ACCEPTED AS THE EC 4505 OF PARCEL 2. FOUND 1" I.P. WITH TAG STAMPED "LS 3064" PER R25, DN 0.35' IN DIRT, ACCEPTED AS THE PL OF PARCEL 2. 4511 FOUND 2" I.P. WITH TAG STAMPED "LS 3064" PER R19, DN 0.20' IN DIRT, ACCEPTED AS 5.00' OFFSET ALONG THE SOUTHEASTERLY LINE OF LOT 105. FOUND SPIKE AND WASHER STAMPED "LS 5411" PER R40, FLUSH IN AC, S39°49'57"W 0.08' HELD AS POINT ON CENTERLINE OF WOODLAND DRIVE. FOUND MAG NAIL AND 1 3/8" WASHER STAMPED "LS 5411" PER R40, FLUSH IN AC, S62°06'57"W 0.05' HELD FOR FOR DISTANCE ALONG CENTERLINE OF WOODLAND DRIVE. 2014 FOUND SPIKE AND WASHER STAMPED "LS 5411" PER R40, FLUSH IN AC, ACCEPTED AS THE EC CENTERLINE OF WOODLAND DRIVE. 4766 FOUND PUNCHED SPIKE AND WASHER PER R25, ILLEGIBLE DN 0.30' IN AC, ACCEPTED AS THE BC CENTERLINE OF WOODLAND DRIVE. 4761 FOUND 2" I.P. PER R30, HOLLOW NO TAG, SOUTHEASTERLY S77°35'33"E 0.05' HELD FOR DISTANCE TO BC ALONG THE SOUTHWESTERLY LINE OF PARCEL B. FOUND SPIKE AND 1 1/4" WASHER STAMPED "CAL TRANS" PER R19, DN 0.25' IN AC ACCEPTED AS 4100 THE P.L. OF CENTERLINE WOODLAND DRIVE AND THE TANGENT LINE OF LAGUNA CANYON ROAD 1968 ALIGNMENT. FOUND 2" I.P. WITH TAG STAMPED "LS 3064", NO REFERENCE DN 0.80' IN DIRT, S86°30'14"E 0.09' NOT 4464 ACCEPTED AS THE BC OF THE 1968 CL OF LAGUNA CANYON ROAD. FOUND 3 1/2" ALUMINUM DISK STAMPED "LC4" PER R9, FLUSH IN DIRT, ACCEPTED AS THE NORTHEASTERLY TERMINUS OF THE 4.77' OFFSET LINE PER R9. FOUND 1 1/2' I.P. NO REFERENCE, ILLEGIBLE PLASTIC PLUG FLUSH IN DIRT, N71°34'55"E 0.07' NOT ACCEPTED AS THE NORTHWEST CORNER OF LOT 95. 4516 FOUND 1" I.P. WITH TAG STAMPED "LS 4139" PER R41, FLUSH IN FLAGSTONE, ACCEPTED AS THE SOUTHEAST CORNER OF LOT 95 . FOUND 1" I.P. WITH TAG STAMPED "LS 4139" PER R41, FLUSH IN DIRT, ACCEPTED AS THE NORTHEAST CORNER OF LOT 83. FOUND 1 1/2" I.P WITH TAG STAMPED "LS 4139" PER R41, FLUSH IN DIRT, ACCEPTED AS THE SOUTHEAST CORNER OF LOT 83. FOUND 1" IP WITH TAG STAMPED "LS 3064" PER 41, DN 0.50' IN DIRT, NORTHEASTERLY N42'46'45"E 0.07' HELD AS POINT ON NORTHWESTERLY LINE OF LOT 76. FOUND 1" I.P. WITH TAG STAMPED "LS 4384' PER R32, DN 0.65' IN DIRT, SOUTHEASTERLY S86°27'15E 0.08' NOT ACCEPTED AS THE INTERSECTION OF 1968 CL LAGUNA CANYON ROAD HELD FOR CL MILLIGAN DRIVE. FOUND CONC. NAIL AND TAG STAMPED "LS 4384", FLUSH IN AC, ACCEPTED AS POINT ON CL MILLIGAN DRIVE. FOUND GEAR SPIKE & WASHER STAMPED "LS 4384" PER R32, FLUSH IN AC, ACCEPTED AS POINT ON CL MILLIGAN DRIVE PER R32.

NOTE

THE LOT LINES ARE FOR GRAPHICAL PRESENTATION ONLY.

LEGEND

- FOUND MONUMENT AS NOTED
- ESTABLISHED BY TIES SEE ESTABLISHMENT NOTES

LINE TABLE

					OF ORANGE	
				OC PU	BLIC WORKS	
			OC SURVEY/FI	ELD SERVICES/	BOUNDARY ANALYSIS	& MAPPING
			LA	GUNA C	HANNEL (IO2	2)
CHANNEL MAINTENANCE PROJEC						
			TOPOGRAPHIC MAP			
			FROM: FOREST AVE	<u>-</u> .		
			TO: CANYON ACRES DRIVE			
			DATE OF SURVEY: NOV 2019 TOPOGRAPHIC MAPPING		BY: T. LOFGREEN	SHEET NO.
					BY: H. AFTIM/ R. BELTRAN	SHEET NO.
			OFFICE CHECK		BY: M. KUBISTY, PLS.	2
MARK	DATE	ITEM	FIELD CHECK		BY: T. LOFGREEN	of.
DEVICIONE			SCALE:	W.O. #EF21286	FILE NO.	13
		REVISIONS	FILE. LACUNIA CHA	NNEL DOLINDARY DI	14 CE II 2010 DWC	10

FILE: LAGUNA CHANNEL_BOUNDARY_PHASE II_2019.DWG

ESTABLISHMENT NOTES:

- CENTERLINE OF OCEAN AVE ESTABLISHED BETWEEN MONUMENT NOTE 419 & ESTABLISHMENT NOTE(2.)
- S.F.N., ESTABLISHED THE INTERSECTION OF OCEAN AVENUE & FOREST AVENUE BY THE NE'LY PROLONGATION OF A LINE BETWEEN MONUMENT NOTE 419 & ESTABLISHMENT NOTE (33) & AT RECORD DISTANCE NW'LY PER R1 FROM ACCEPTED MONUMENT 563. FITS RECORD DISTANCE BETWEEN MONUMENT NOTE 419 & ESTABLISHMENT NOTE(2)PER R1.
- CENTERLINE OF FOREST AVE ESTABLISHED BETWEEN MONUMENT NOTE $\boxed{563}$ & ESTABLISHMENT NOTE (2.)
- S.F.N. ESTABLISHED BY PROPORTION BETWEEN MONUMENT NOTES 622 & 403
- CENTERLINE BROADWAY ESTABLISHED BETWEEN MONUMENT NOTE 622 & MONUMENT NOTE 403
- CENTERLINE BROADWAY ESTABLISHED HOLDING RECORD DIMENSIONS FROM TRAVERSE LINE PER R9 BETWEEN MONUMENT NOTE 403 & ESTABLISHMENT NOTE(7)
- SFN. ESTABLISHED BY INTERSECTION HOLDING RECORD <u>ANG</u>LE <u>N'EL</u>Y FROM MONUMENT NOTE <u>403</u> PER R7 & THE N'WLY PROLONGATION OF A LINE BETWEEN MONUMENT NOTES 541 & 752 FITS RECORD DISTANCE BETWEEN MONUMENT NOTE 403 & ESTABLISHMENT NOTE(7)PER R2
- CENTERLINE OF FOREST AVE ESTABLISHED BETWEEN ESTABLISHMENT NOTES(2)&(7
- CENTERLINE OF FOREST AVE ESTABLISHED BETWEEN ESTABLISHMENT NOTES (2) & (10)
- S.F.N. ESTABLISHED BY INTERSECTION FROM THE N'WLY PROLONGATION OF A LINE BETWEEN MONUMENT NOTES 563 & ESTABLISHMENT NOTE(2)& THE S'ELY PROLONGATION OF A LINE BETWEEN MONUMENT NOTES 752 & 541 FITS RECORD DISTANCE BETWEEN ESTABLISHMENT NOTES(2)&(10) PER R2.
- S'WLY RIGHT OF WAY OF FOREST AVE ESTABLISHED PER LOT LINE ADJUSTMENT O.R. 199500424662.
- CENTERLINE OF FOREST AVE ESTABLISHED BETWEEN ESTABLISHMENT NOTE(2)&(7)
- ESTABLISHED HOLDING RECORD DISTANCE PER R5 N'WLY ALONG THE CENTERLINE OF FOREST AVE BETWEEN ESTABLISHMENT NOTES (10) & (7.)
- ESTABLISHED S'ELY PROLONGATION OF R5 BETWEEN ESTABLISHMENT NOTES (13) & (15)
- ESTABLISHED AS THE P.O.B. FOR R5 BY HOLDING RECORD DISTANCE & ANGLE PER R5 FROM ESTABLISHMENT NOTE (13)
- ESTABLISHED THE INTERSECTION OF THE N'ELY RIGHT OF WAY FOREST AVE & THE CENTERLINE OF THE LAGUNA CANYON CHANNEL (102) BY HOLDING RECORD DISTANCE PER R8 N'WLY ALONG THE N'ELY RIGHT OF WAY OF SAID FOREST AVE FROM ESTABLISHMENT NOTE (15) POSITION IS ALSO THE P.O.B. FOR SAID R8
- ESTABLISHED THE B.C. OF THE CENTERLINE OF THE LAGUNA CANYON CHANNEL (102) BY RECORD ANGLE & DISTANCE FROM ESTABLISHMENT NOTE (16) PER R8.
- ÆNTERLINE OF THE LAGUNA CHANNEL (102) ESTABLISHED BY HOLDING RECORD DATA BETWEEN ESTABLISHMENT NOTES(16)& (19) PER R8.
- ESTABLISHED BY RECORD ANGLE PER R7 & RECORD DISTANCE PER R17 FROM ESTABLISHMENT NOTE (20)
- ESTABLISHED BY RECORD ANGLE & DISTANCE FROM ESTABLISHMENT NOTE (21) PER R7.
- ESTABLISHED AT RECORD DISTANCE PER R7 N'LY ALONG THE E'LY RIGHT OF WAY OF LAGUNA CANYON ROAD FROM ESTABLISHMENT NOTE (22)
- ESTABLISHED POINT IN E'LY RIGHT OF WAY OF THE LAGUNA CANYON ROAD 1914 ALIGNMENT PERPENDICULAR TO & AT RECORD DISTANCE PER R7 FROM ESTABLISHMENT NOTE (23)
- ESTABLISHED AT RECORD DISTANCE N'ELY ALONG THE CENTERLINE OF LAGUNA CANYON ROAD BETWEEN ESTABLISHMENT NOTES (29) & (30) PER R7.
- S.F.N. ESTABLISHED CENTERLINE B.C. OF LAGUNA CANYON ROAD 1968 ALIGNMENT BY TIES PER R15
- ESTABLISHED POINT ON CENTERLINE OF LAGUNA CANYON ROAD 1968 ALIGNMENT BY TIES PER R15
- ESTABLISHED POINT ON CENTERLINE OF LAGUNA CANYON ROAD 1968 ALIGNMENT BY TIES PER R15
- S.F.N. ESTABLISHED P.I. OF LAGUNA CANYON ROAD 1968 ALIGNMENT BY LEAST SQUARES ADJUSTMENT BETWEEN ESTABLISHMENT NOTES (7)& (24) DID NOT ACCEPT TIES PER R15.
- ESTABLISHED BY RECORD DISTANCE PER R2 N'WLY FROM ESTABLISHMENT NOTE(7)
- ESTABLISHED P.I. OF THE CENTERLINE OF LAGUNA CANYON ROAD 1914 ALIGNMENT BY HOLDING RECORD OFFSET DIMENSIONS PARALLEL TO & PERPENDICULAR WITH THE 1968 CENTERLINE ALIGNMENT PER R2, R16, & R18.
- ESTABLISHED P.I. OF THE CENTERLINE OF LAGUNA CANYON ROAD 1914 ALIGNMENT BY HOLDING RECORD DISTANCE PER R7 & OFFSET DIMENSIONS PARALLEL TO & PERPENDICULAR WITH THE 1968 CENTERLINE ALIGNMENT PER R16 & R18.
- CENTERLINE OF LAGUNA CANYON ROAD 1914 ALIGNMENT ESTABLISHED BY HOLDING RECORD OFFSET DIMENSIONS PARALLEL
- TO & PERPENDICULAR WITH THE 1968 CENTERLINE ALIGNMENT PER R2. CENTERLINE OF LAGUNA CANYON ROAD 1968 ALIGNMENT ESTABLISHED BETWEEN ESTABLISHMENT NOTES (7)(2)(2)(2)(2)
- MONUMENT NOTE 452 ESTABLISHED POINT IN THE CENTERLINE OF OCEAN AVENUE AT 29.00' FROM ACCEPTED MONUMENT 431 AT A RIGHT ANGLE
- FROM ACCEPTED MONUMENT [428]
- ESTABLISHED THE CENTERLINE OF OCEAN AVENUE BETWEEN ACCEPTED MONUMENT 419 & ESTABLISHMENT NOTE (33)
- ESTABLISHED THE INTERSECTION OF CENTERLINE TANGENTS OF FOREST AVENUE (THIRD STREET) & OCEAN AVENUE PER R5.
- ESTABLISHED THE CENTERLINE OF LAGUNA CANYON ROAD 1968 ALIGNMENT BETWEEN ESTABLISHMENT NOTE (25) & ESTABLISHMENT NOTE (26)
- ESTABLISHED THE BC CENTERLINE OF LAGUNA CANYON ROAD 1968 ALIGNMENT BY TIES PER R18 & R19.
- ESTABLISHED THE CENTERLINE OF LAGUNA CANYON ROAD 1968 ALIGNMENT BETWEEN ESTABLISHMENT NOTE (37) & ACCEPTED MONUMENT 452
- ESTABLISHED CENTERLINE P.I. OF LAGUNA CANYON ROAD 1968 ALIGNMENT BY THE NORTHEASTERLY PROLONGATION OF THE LINE ESTABLISHED BY NOTE (36) & THE SOUTHWESTERLY PROLONGATION THE LINE ESTABLISHED BY ESTABLISHMENT NOTE (38)
- ESTABLISHED THE P.I. OF THE OFFSET LINE PER R9 BY INTERSECTION OF THE NORTHEASTERLY PROLONGATION OF THE LINE ESTABLISHED BY ESTABLISHMENT NOTE (36) & THE SOUTHWESTERLY PROLONGATION OF A LINE OFFSET HOLDING RECORD DIMENSION PARALLEL WITH THE 1968 CENTERLINE ALIGNMENT PER R9 ESTABLISHED BY NOTE (38)
- S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF WOODLAND DRIVE & LAGUNA CANYON FRONTAGE ROAD BY TIES PER R42.
- S.F.N. ESTABLISHED A POINT ON CENTERLINE CANON ACRES DRIVE BY TIES PER R43.
- S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF CANYON ACRES DRIVE & ARROYO DRIVE BY TIES PER R44.
- ESTABLISHED THE CENTERLINE OF WOODLAND DRIVE BY ACCEPTED MONUMENTS 4100, 4412, AND 4766
- ESTABLISHED THE CENTERLINE OF CANYON ACRES DRIVE BETWEEN ESTABLISHMENT NOTE (43) AND ACCEPTED MONUMENT 4414
- ESTABLISHED BY THE P.I. CENTERLINE LAGUNA CANYON ROAD 1914 & 1929 ALIGNMENT BY RECORD DIMENSIONS PER R19.
- ESTABLISHED CENTERLINE LAGUNA CANYON ROAD 1914 AND 1929 ALIGNMENT BY LEAST SQUARES ADJUSTMENT BETWEEN ESTABLISHMENT NOTE (30) AND ESTABLISHMENT NOTE (46)
- ESTABLISHED CENTERLINE LAGUNA CANYON ROAD 1914 AND 1929 ALIGNMENT BY LEAST SQUARES ADJUSTMENT BETWEEN ESTABLISHMENT NOTE (46) AND ACCEPTED MONUMENT [4401].
- ESTABLISHED CITY OF LAGUNA BEACH RIGHT OF WAY ON LAGUNA CANYON FRONTAGE ROAD RECORD DIMENSIONS PER R23 AND PARALLEL TO CENTERLINE LAGUNA CANYON ROAD 1968 ALIGNMENT ESTABLISHED BY NOTE 38.
- ESTABLISHED CENTERLINE OF LAGUNA CANYON FRONTAGE ROAD PER R21, R14, AND R25 BY RECORD DIMENSIONS AND OFFSET PARALLEL TO SOUTHEASTERLY RIGHT OF WAY LAGUNA CANYON FRONTAGE ROAD ESTABLISHED BY NOTE (49)
- CENTERLINE OF MILLIGAN AVENUE ESTABLISHED BETWEEN ACCEPTED MONUMENTS 4468 AND 4466
- ESTABLISHED BC CENTERLINE LAGUNA CANYON ROAD 1968 ALIGNMENT BY ESTABLISHMENT NOTE (48)
- ESTABLISHED EC LAGUNA CANYON ROAD (STATE HIGHWAY 133) 1914 & 1929 ALIGNMENT AT RECORD DISTANCE FROM ESTABLISHMENT NOTE (52)
- ESTABLISHED BC IN THE CENTERLINE OF LAGUNA CANYON ROAD 1968 ALIGNMENT AT 30.00' FROM ESTABLISHMENT NOTE (53) AT A RIGHT ANGLE FROM ESTABLISHMENT NOTE (52)
- ESTABLISHED EC IN THE CENTERLINE OF LAGUNA CANYON ROAD 1968 ALIGNMENT AT 30.00' FROM ESTABLISHMENT NOTE (52) AT A RIGHT ANGLE FROM ESTABLISHMENT NOTE (53).
- ESTABLISHED THE CENTERLINE OF LAGUNA CANYON ROAD 1968 ALIGNMENT BETWEEN ESTABLISHMENT NOTES (54) & (55)

—— R/W ——

- ESTABLISHED THE CENTERLINE CURVE CONCAVE TO THE NORTHWEST BETWEEN ESTABLISHMENT NOTES (38) & (55) TANGENT TO CENTERLINES ESTABLISHED BY ESTABLISHMENT NOTES (38) AND (56).
- ESTABLISHED THE NORTH LINE OF LOT 1 SEC 24, T7S, R9W, S.B.B.M. PER R37 BETWEEN ACCEPTED MONUMENTS 4488 AND 4494

NOTE

THE LOT LINES ARE FOR GRAPHICAL PRESENTATION ONLY

LEGEND

- FOUND MONUMENT AS NOTED
- ESTABLISHED BY TIES SEE ESTABLISHMENT NOTES

LINE TABLE

- CL ROADWAY
- SURVEY GEOMETRY STATE HIGHWAY RIGHT-OF-WAY ----

(R5) = OFFICIAL RECORD O.R. 1074/179

REFERENCES

(R2) = RECORD OF SURVEY RSB 138/1-8

(R1) = RECORD OF SURVEY RSB 305/30

(R3) = RECORD OF SURVEY RSB 291/13-14

(R4) = PARCEL MAP PMB 66/15

(R6) = CORNER RECORD CR - 2007 - 1482

(R8) = OFFICIAL RECORD O.R. 2304/195

(R7) = RECORD OF SURVEY RSB 232/42-43

(R9) = RECORD OF SURVEY RSB 119/22-23

(R10) = OFFICIAL RECORD O.R. 1055/250

(R11) = COUNTY SURVEYOR TIE BOOK CSTB-1-46-27A-27B

(R12) = OFFICIAL RECORD O.R. 440/192(R13) = OFFICIAL RECORD O.R. 2243/119

(R14) = RECORD OF SURVEY RSB 114/10

(R15) = CALTRANS CL TIES SR-73-008

(R16) = CALTRANS SURVEY CONTROL MAP 001746-SM0583

(R17) = OFFICIAL RECORD O.R. 6875/114 $(R18) = CALTRANS ALIGNMENT NOTES A269-001_013-020$

(R19) = LAGUNA CANYON CHANNEL (IO2)

PARCEL 104 ENCROACHMENT OP96/97-18

(R20) = CAL TRANS ALIGNMENT NOTES ORA185 LGN B&A A269-001 009-012

(R21) = RECORD OF SURVEY RSB 78/9

(R23) = LAGUNA CANYON FRONTAGE ROAD OFFICIAL RECORD 6003/824

(R24) = COUNTY SURVEYOR TIE BOOK JULY 1, 1929

CSTB 86/1-46 27a 28a (R25) = PARCEL MAP NO. 88-446, PMB-241/33

(R26) = OFFICIAL RECORD O.R. 2094/609-610

(R27) = OFFICIAL RECORD O.R. 2203/496(R28) = OFFICIAL RECORD O.R. 2318/488-490

(R29) = CAL TRANS RIGHT OF WAY MAP,

ROAD VII-ORA-185-LGN. B; A, FEB 1951 (R30) = RECORD OF SURVEY RSB 4/16

(R31) = OFFICIAL RECORD O.R. 3688/211

(R32) = PARCEL MAP NO. 2005-168, PMB 367/45-46(R33) = PARCEL MAP, PMB 118/46

(R34) = RECORD OF SURVEY, RSB 279/13

(R35) = OFFICIAL RECORD O.R. 2221/524

(R36) = OFFICIAL RECORD O.R. 3929/117

(R37) = PARCEL MAP, PMB 66/44

(R38) = OFFICAL RECORD O.R. 5860/340

(R39) = CORNER RECORD CR-2008-1607

(R40) = CORNER RECORD CR - 2008 - 1597

(R41) = RECORD OF SURVEY RSB 304/28(R42) = CORNER RECORD CR - 2008 - 1601

(R43) = CORNER RECORD CR - 2000 - 0345

(R44) = CORNER RECORD CR - 2007 - 2833

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPIN LAGUNA CHANNEL (IO2) CHANNEL MAINTENANCE PROJECT					
TOPOGRAPHIC MAP					
FROM: FOREST AVE.					
TO: CANYON ACRES DRIVE					
DATE OF SURVEY: NOV 2019	BY: T. LOFGREEN	SHEET NO.			
TOPOGRAPHIC MAPPING	BY: H. AFTIM/ R. BELTRAN	JILLI NO.			
OFFICE CHECK	BY: M. KUBISTY, PLS.	3			
FIELD CHECK	BY: T. LOFGREEN	of			
	CHANNEL MAI TOF FROM: FOREST AVE. TO: CANYON ACRES DRIVE DATE OF SURVEY: NOV 2019 TOPOGRAPHIC MAPPING OFFICE CHECK	CHANNEL MAINTENANCE PE TOPOGRAPHIC MAP FROM: FOREST AVE. TO: CANYON ACRES DRIVE DATE OF SURVEY: NOV 2019 TOPOGRAPHIC MAPPING BY: T. LOFGREEN TOPOGRAPHIC MAPPING BY: H. AFTIM/ R. BELTRAN OFFICE CHECK BY: M. KUBISTY, PLS.			

REVISIONS

W.O. #EF21286 | FILE NO.

FILE: LAGUNA CHANNEL_BOUNDARY_PHASE II_2019.DWG



















