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Surveyed by
Notes Date
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F.B. 2639 Pg.

	Job	Description
		CASTRO PEAK ROAD J.N. 0301.00
0	Index	
2	Triang.	Loc. & descrip. of Triangulation Sta. to be used for horizontal & vertical control on Aerial Mapping from Malibu Cyn. Rd. W'ly 7.5 miles to Dume Cyn. Rd.
	B.M.	Bench levels.
5	Triang.	Loc. & descript. of triangulation station.
40	B.M.	Bench levels on P-line W. from B.M. C.P.-3 to P 134 to B.M. C.P.-10.
91	B.M.	Castro Peak levels from B.M. D-5 in Newton Cyn. E'ly to Latigo Cyn. Rd., then SE'ly on Latigo Cyn Rd. to P Line, then E'ly on P Line to Corral Cyn Rd.
94	Elev.	Trig. levels at tunnel site Brent Mtn. from "P 28" to "P 37".
45	Elev.	Swim Park-Loc. & elevations of test holes.
48	Index	
52	Topog.	Horizontal control for topog.
253-258	B.M.	Bench levels.
259-262	Elev.	Staking & elevations at test holes.

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(cont'd on next

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CASTRO PEAK RD
GEODETIC CONTROL

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F. B. 2639 Pg. 5

CASTRO PEAK ROAD

TRIANGULATION NET FROM EAST END OF JOB NEAR MALIBU CANYON RD. & PIUMA RD W'LY 7.5± MILES TO DUME CN. ROAD, SHOWING LOCATION & DESCRIPTIONS OF TRIANGULATION STATIONS NUMBERED FROM 1 TO 47 TO BE USED FOR HORIZONAL & VERTICAL CONTROL ON AERIAL MAPPING OF CASTRO PEAK RD.

J.N. 0075.77 F.B. 2639
J.N. 0301.00 "

PARTY

W. S. COWHERD
J. TERRANOVA
R. GILFOY
K. ST. JOHN

G. E. DREIER
J. BAZEN
J. MOODY
C. VALDEZ
N. SMITH
D. LEGAULT

W. D. BAY
R. D. SMITH
J. GOODWIN
T. MCKNIGHT
R. MATHERS

REFERENCE
F.B. 2605-5, 80

NOTE:—
SEE F.B.G. BOOKS NO 873, 874, 898, 905, 906, 907 & 910 FOR ANGLES
THIS IS A 3rd ORDER NET TURNED DURING DAYLITE HOURS TO BARBER POLES

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F.B. 2639 PG. 6 INDEX - PAGES 6, 7, 8, 9 & 10

STATION	PAGE
CASTRO #1	11
" #2	12
ELEV. ON C#1 & 2	13 & 14
CASTRO #3	15
" #4	16
" #5	17
" #6 ~~SOLSTICE CN. K~~	18
" #7 (SOLSTICE CN. K-2)	19
" #8	20
" #9	21 & 23
" #10	23 & 24
" #11	22
" #12	23 & 24
" #13	25
" #14 (NOT SET)	
" #15	27 & 28
" #16	26
" #17	27 & 28
" #18	30
" #19	29
P-114	29
CASTRO #20	31 & 33
" 21	32 & 33
" 22	33
" 23	34
" 24	35
" 25	36
" 25A	37
" 26	38
" 27	39
" 28	41
" 29	42
" 30	43
" 31	44
" 32	45
" 33	46
" 33A	40

STATION	PAGE
CASTRO #34	48
" #35 (NOT SET)	
" #36	49
" 37	50
" 38 (SOLSTICE CN A-4)	51
" 39	52
" 40	53
" 40A	54
" 41	55
" 41A	56
" 42	57
" 42A	58
" 43	59
" 43A	60
" 44	61
" 45	62
" 46 (NOT SET)	
" 47	63
BLANK	64
P-220A	65

SEE PGS. 68 & 142 FOR ADDITIONAL INDEX

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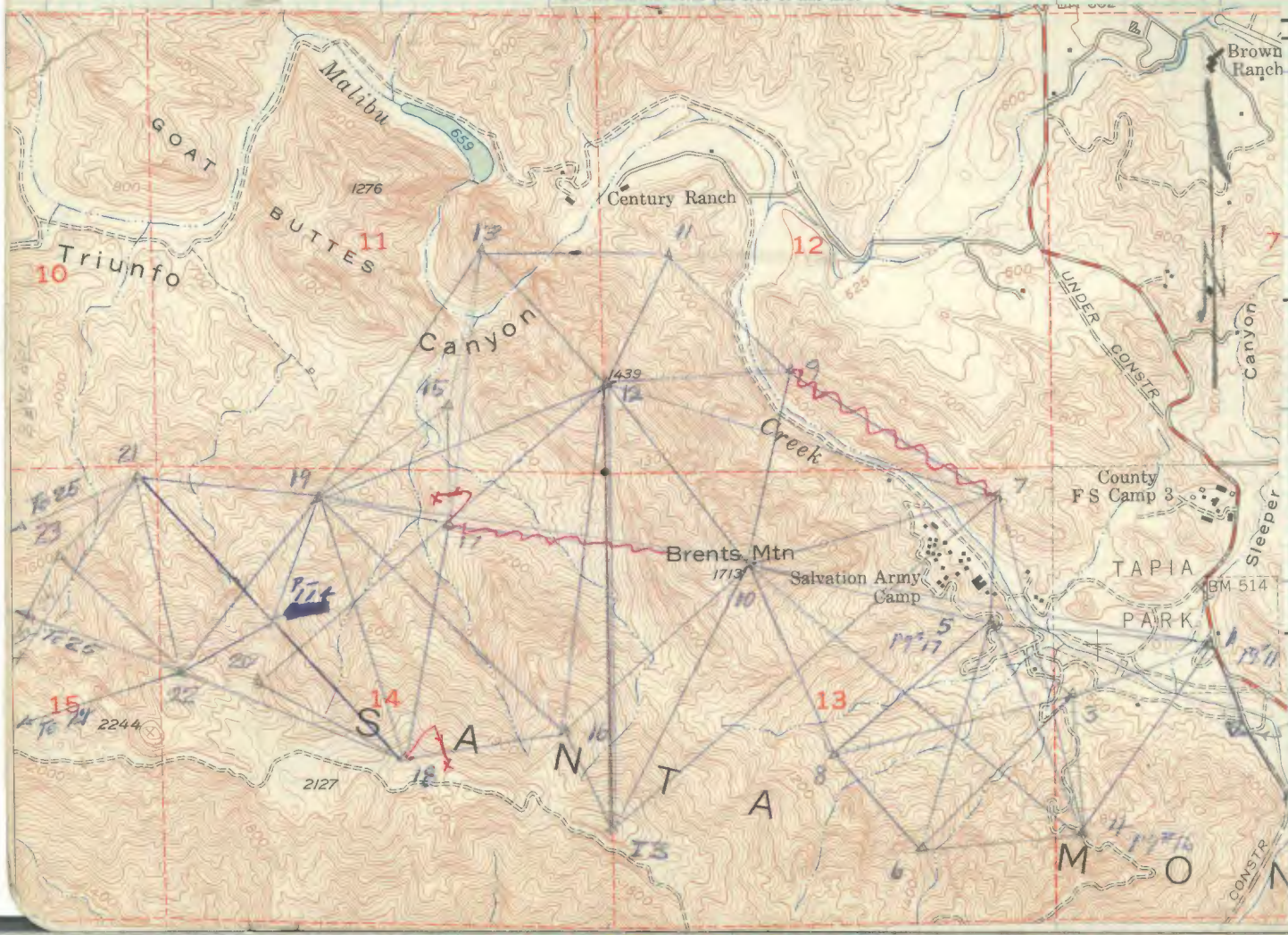

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F. B. 2639 PG. 8

From BOT. Pg # 7

Top Pg # 9

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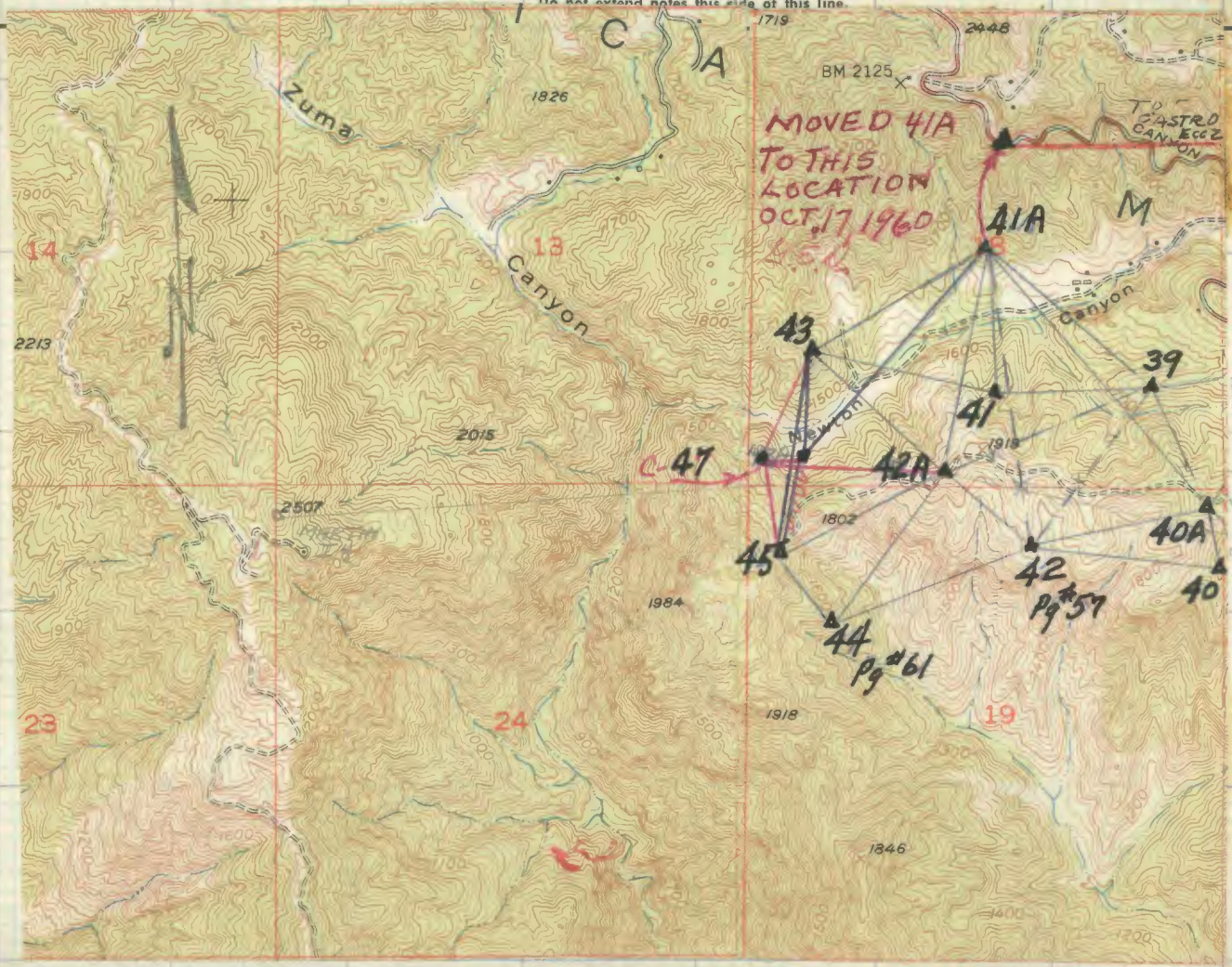

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Notes Ck'd by	Survey of CASTRO PK RD
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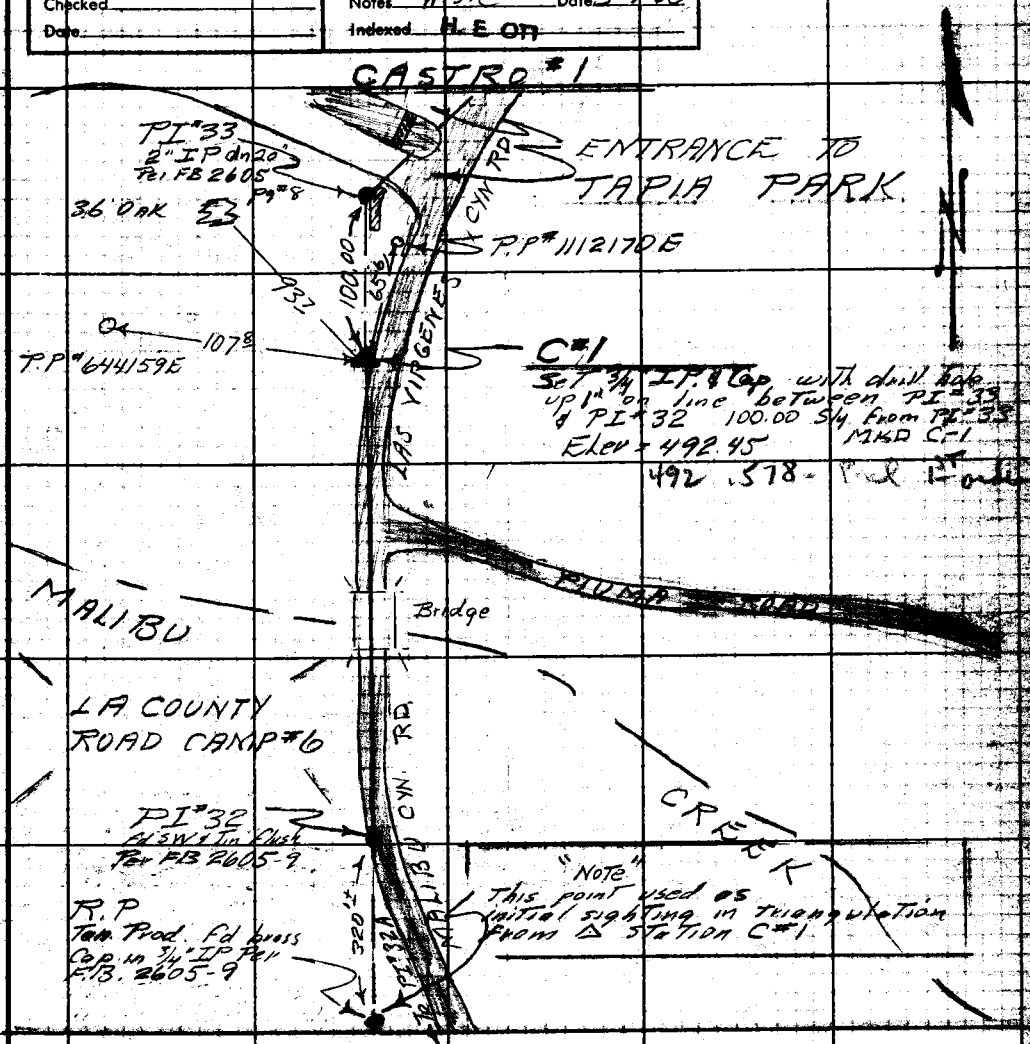
F. B. 2639 Pg. 11



THIS TRIANGULATION STATION IS ON THE WEST SIDE OF LAS VIRGENES CYN. RD 18'± WEST OF ROAD EDGE IN FIELD & 120'± SOUTH OF ENTRANCE TO TAPIA PARK & 560'± NORTH OF MALIBU CREEK BRIDGE SEE PAGE #12 FOR LEVELS NOTES TO OBTAIN ELEV ON △ STA C1 & C2

STATION MARK: SET a 3/4" IP" & Cap WITH DRILL HOLE MKD. C-1 IN CENTER UP 1" WITH A 1 3/8 X 10' ROUND METAL BARBER POLE PLUMB ON THIS STATION

SEE INDEX MAP PAGE # 7

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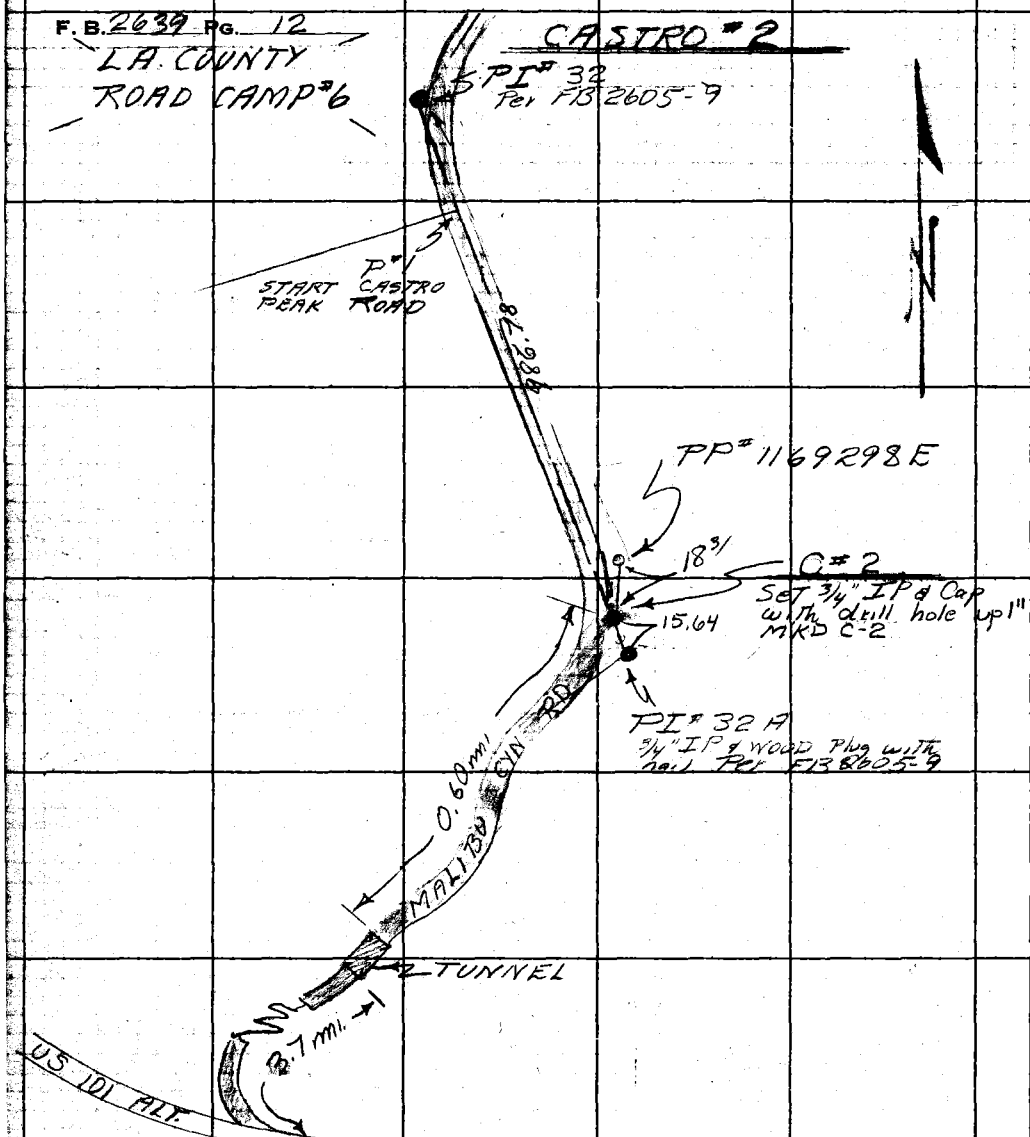
F.B. 2639 Pg. 12

LA. COUNTY
ROAD CAMP #6

CASTRO #2



THIS POINT ISN'T A TRIANGULATION STATION, ONLY SET FOR AERIAL MAPPING CONTROL. AS IT ISNT INTERVISABLE TO OTHER △ STATIONS. SET ON LINE BETWEEN PI#32 & PI#32 A. 986.78 SLY FROM PI#32 & 15.64 NLY ON SEMI TANG. FROM PI#32A EAST SIDE OF MALIBU CYN. RD & 3' FROM TOP OF FILL & 20'± EAST OF EAST EDGE, TRAVELED ROAD - 0.60 mi. NORTH OF TUNNEL SEE FB 2605-9 ELEV=508.63 SEE Pg 13 SEE INDEX MAP PAGE #7

STATION MARK: SET A 3/4" IP & CAP WITH DRILL HOLE UP 1" MKD. C-2

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76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	
B.M. D-1	0 64	514 74		514 10	B.M. D-1 = LB 563-53 Elev = 514.10
T.P.	0 01	502 87	11 88	502 86	Fd C.S. Brass Cap Mon 75'± So. of Brents & Monte Nido Rd. Junction on So. Side of Rd. Chas Virgenes Rd & Dorothy Dr. west side of road Per FB 765-68, 180
T.P.	4 07	501 81	5 13	497 74	FB 2605-34
C-1	1 44	493 89	9 36	492 45	C-1 Fd. 3/4" I.P. & Cap. West Side of Malibu Cyn. Rd. 100' Sly. of P.I. #33 @ Entrance to Tapia Pk.
T.P.	0 94	482 92	11 91	481 98	T.P.
T.P.	10 16	480 99	12 09	470 83	T.P.
P.I. #32	5 90	485 72	1 17	479 82	P.I. #32 {Fd. S W/T - 30'± Easterly of Rd. Dept. Office. Detention Camp #6 713 N. Malibu Cyn. Rd.
P-1	9 00	492 45	2 27	483 45	P-1 {Fd. S W/T - Int. of Malibu Cyn Rd. & Proposed Castro Pk. Rd
B.M. C.P.1	4 98	494 67	2 76	489 69	B.M. C.P.1 F.B. 2605-35
T.P.	12 33	506 55	0 45	494 22	T.P.
T.P.	6 34	512 69	0 20	506 35	T.P.
C-2	3 93	512 54	4 08	508 61	C-2 Fd 3/4" IP & Cap with drill hole. Set on line between PI #32 & PI #32A 986.78 Sly from PI #32 & 15.64 NLY on Semi Tangent from PI #32A East side of Malibu Cyn Rd.
T.P.	0 84	501 93	11 45	501 09	T.P.
T.P.	1 38	491 85	11 46	490 47	T.P.
T.P.	0 48	481 46	10 87	480 98	T.P.
T.P.	10 93	481 73	10 66	470 80	T.P.
T.P.	11 60	493 06	0 27	481 46	T.P.
T.P.	12 33	504 97	0 42	492 64	T.P.
T.P.	10 80	515 01	0 76	504 21	T.P.
B.M. D-1			0 96	514 05	B.M. D-1 Elev = 514.10 Fd LACO Brass

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0075.77 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of CASTRO PK. RD.
Notes Chkd. ____ Checked ____ Survey by W.S.C. Notes J.T. Date 3-1-60
Date ____ Date ____ Map No. ____ Indexed H.E. OH Date ____

F.B. 2639 Pg. 13

F. B. 2639 Pg. 14

Job No. 007577 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of CASTRO PK. RD Date _____ Date _____ No. _____

Survey by W.S.C Notes W.S.C Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

STATION	B.S.	H.I.	F.S.	ELEV

76L-298 CE 307 11-56

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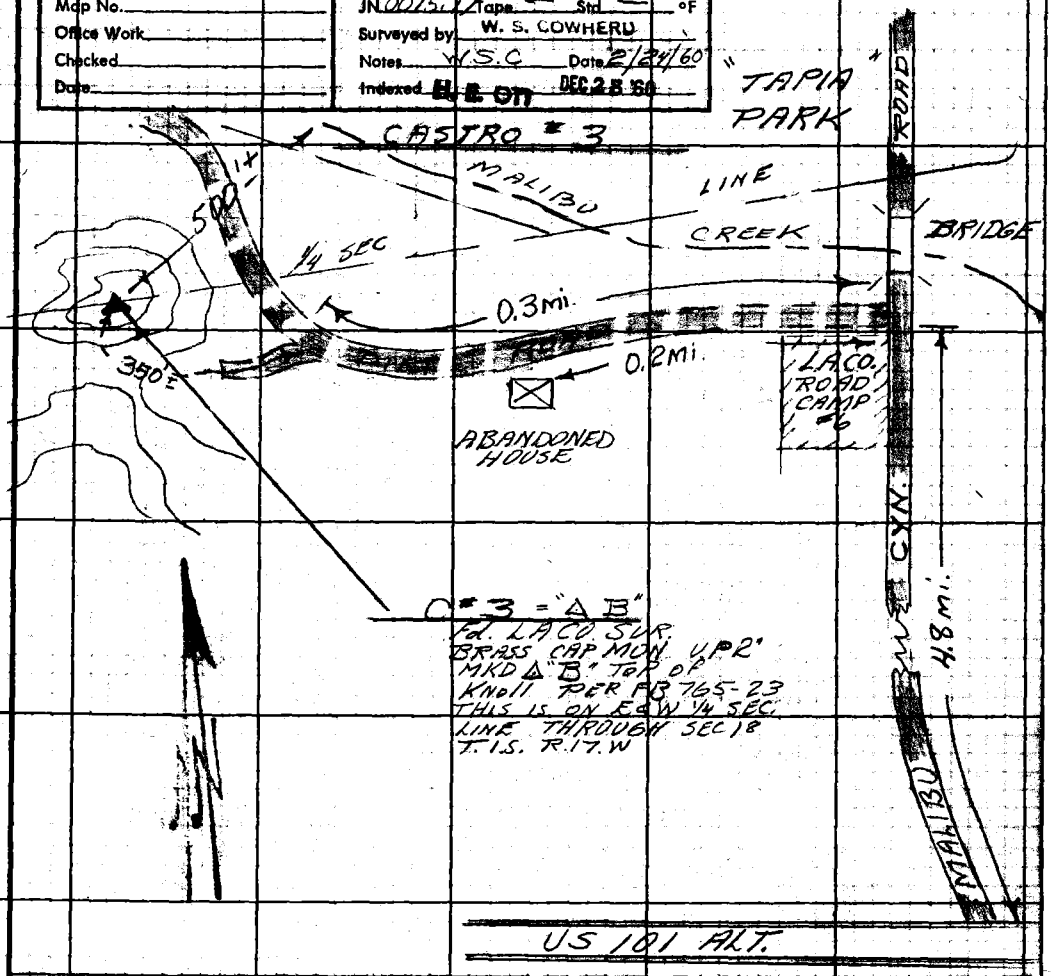

THIS TRIANGULATION STATION IS ON THE TOP OF A LOW KNOLL 500'± SOY. OF MALIBU CREEK. ON THE E&W 1/4 SEC. LINE OF SEC. 18 T.1.S R.17W. TO REACH FROM US 101 ALT. GO 4.8 mi. up MALIBU CANYON ROAD TO ENTRANCE OF L.A.CO. ROAD DEPT. CAMP #6. TAKE DIRT ROAD WLY. THROUGH CAMP 0.3 mi. THENCE 350'± NWLY. TO THE TOP OF A LOW KNOLL & TO TRIANGULATION STATION C-3

STATION MARK: FD. A C.S. BRASS CAP MON. UP 2" MKD. "AB" PER FB 765-23

SET A ROUND 10' METAL BARBER POLE PLUMB ON THIS STATION

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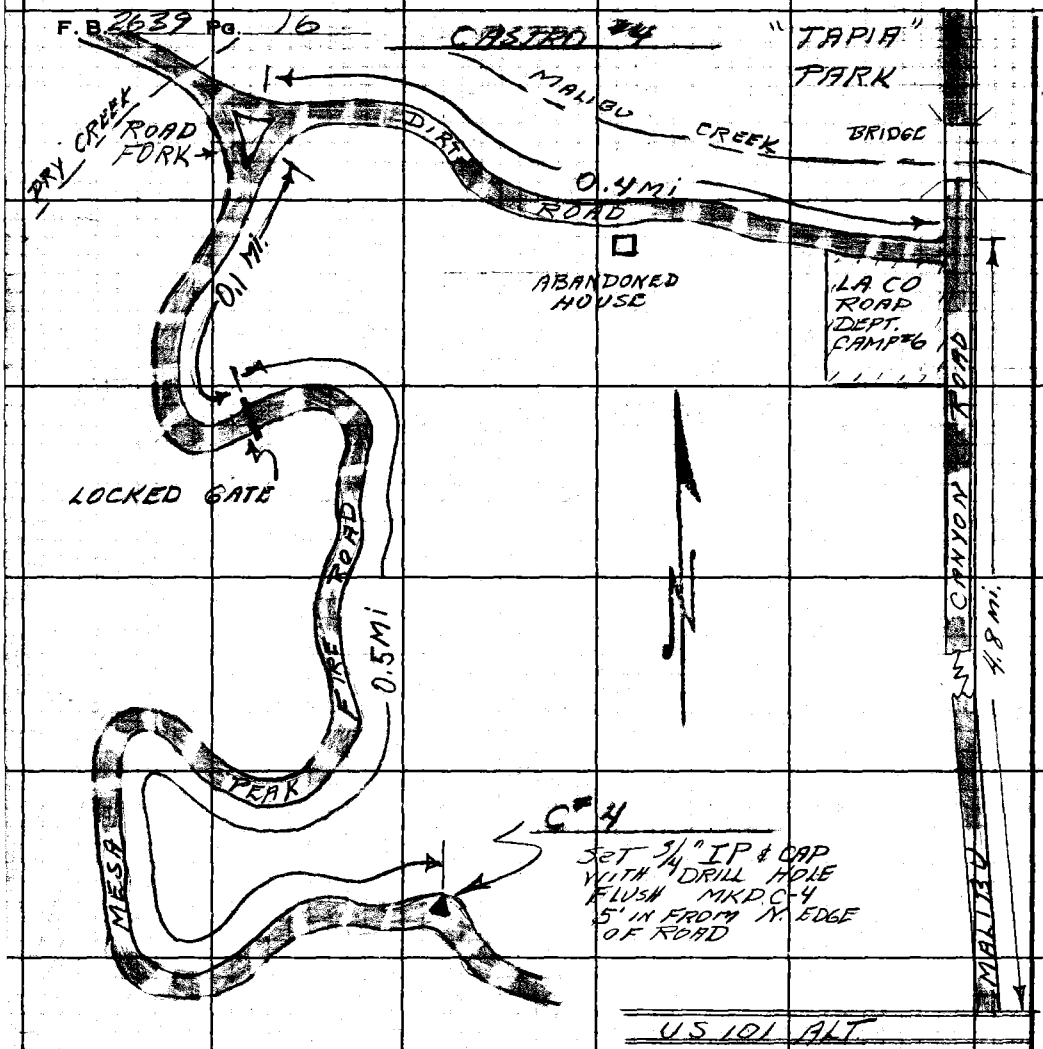
F.B. 2639 Pg. 16



THIS TRIANGULATION IS ON THE NORTH SLOPE OF MAIN DIVIDING RIDGE OF THE SANTA MONICA MTS. IT IS 5'± IN FROM THE NORTH EDGE OF FIRE ROAD AT THE APPROXIMATE MID POINT OF CURVE & WIDEST PART OF DIRT ROAD. ELEV 900'± ABOVE MEAN SEA LEVEL. TO REACH FROM U.S. 101 ALT. GO 4.8 mi UP MALIBU CYN. ROAD TO ENTRANCE OF LA CO ROAD DEPT. CAMP #6. TAKE DIRT ROAD WLY. THROUGH CAMP 0.4 mi TO FORK IN ROAD. TAKE LEFT FORK 0.1 mi. TO LOCKED GATE. THEN 0.5 mi. TO TRIANGULATION STATION #C4

STATION MARK: SET A 3/4" I.P. & CAP WITH DRILL HOLE - FLUSH MKD. C-4. WITH A 1" dia. 10' long METAL BARBER POLE PLUMB ON STATION SEE INDEX PAGE #7

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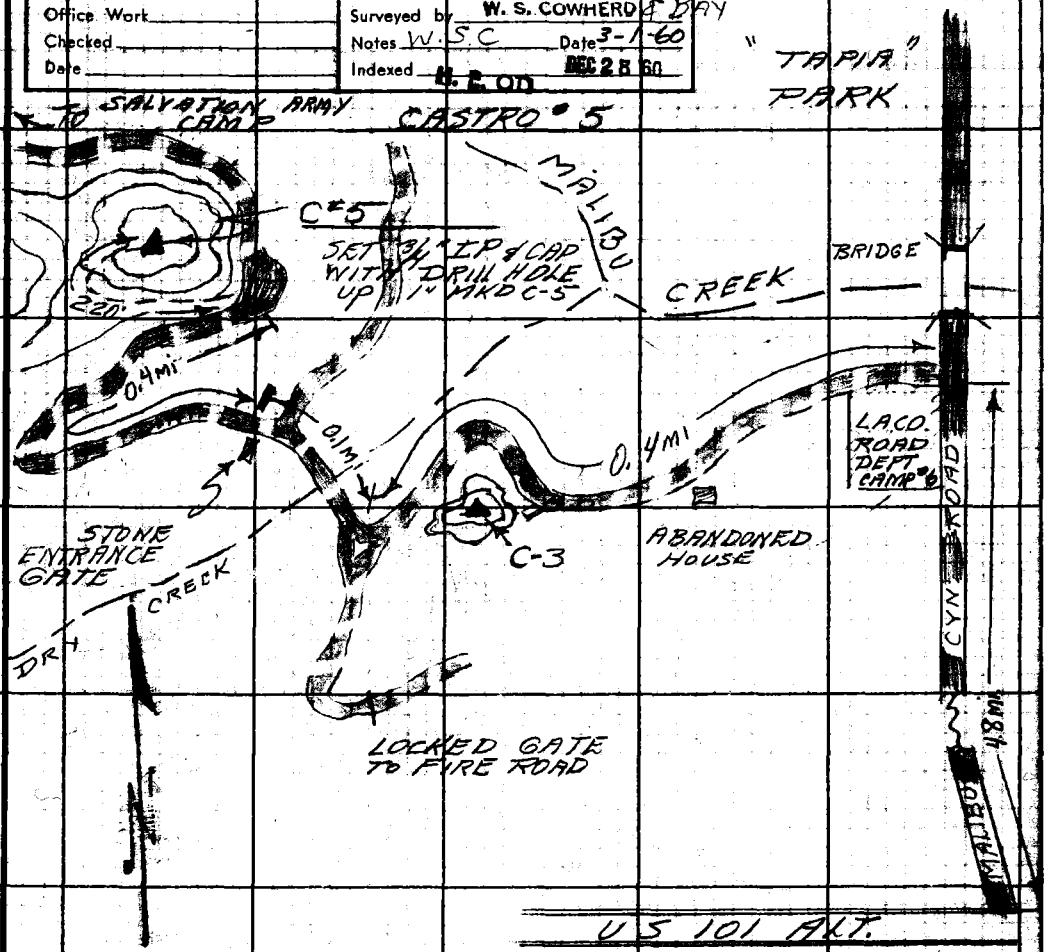
F. B. 2639 Pg. 12



THIS TRIANGULATION STATION IS ON THE TOP OF A LOW KNOLL 0.9mi WLY. OF MALIBU CYN. ROAD. TO REACH FROM U.S. 101 ALT. GO 4.8mi. UP MALIBU CYN ROAD TO ENTRANCE OF L.A. CO. ROAD DEPT CAMP #6. TAKE DIRT ROAD WLY THROUGH CAMP 0.9mi TO WIDE PART OF ROAD AT END OF RIDGE THEN 220'± WLY & 80±IN ELV. ABOVE ROAD TO TOP OF KNOLL & TRIANGULATION STATION C#5

STATION MARK: SET A 3/4" I.P. & CAP WITH DRILL HOLE UP 1" MKD C-5 SET A 1" ROUND, 10' METAL BARBER POLE PLUMB ON THIS STATION

SEE INDEX PAGE #7

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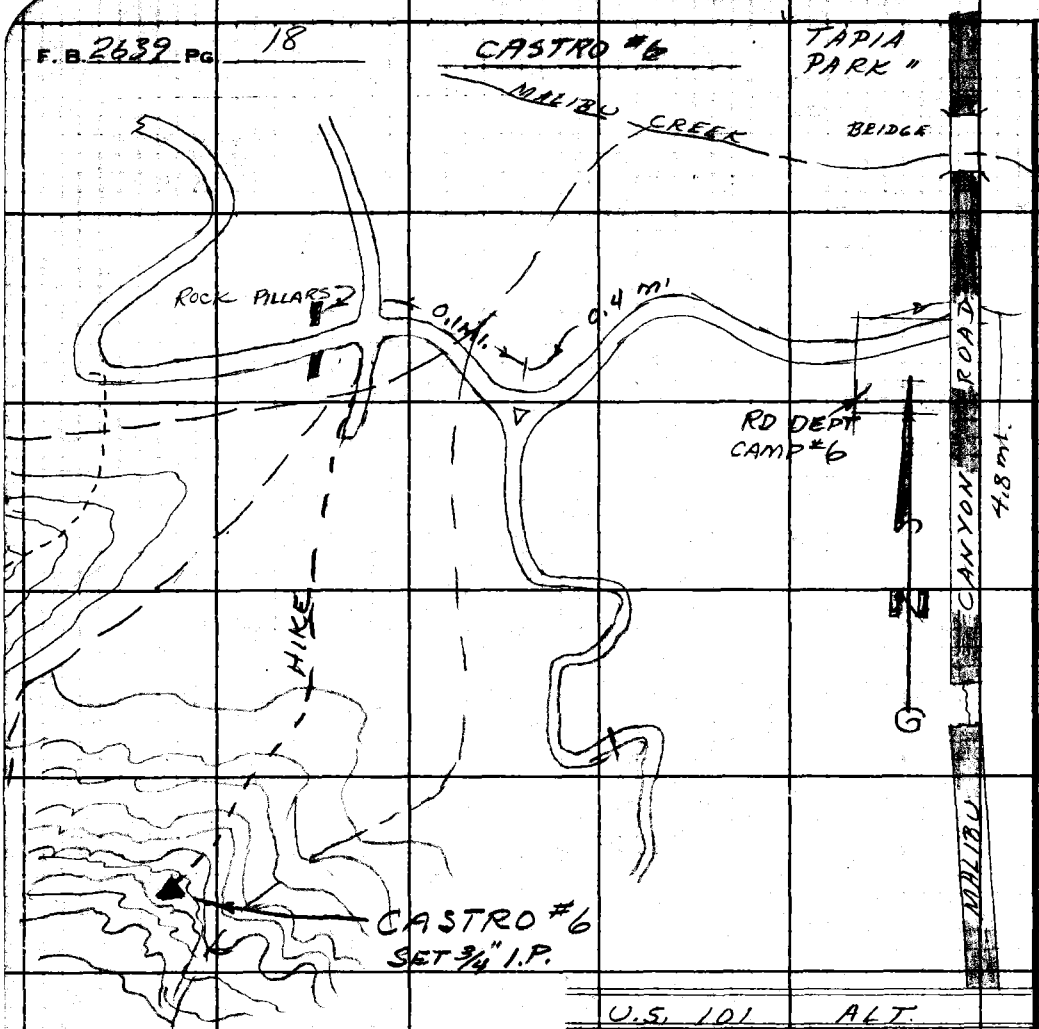

THIS TRIANGULATION STATION IS ON A ROCKY BRUSHY WOODED RIDGE IN THE S.E. 1/4 OF SEC. 13, T. 1S., R. 18W., ABOUT 0.8 MI W. OF MALIBU CN. RD. TO REACH STATION FROM PAC. COAST HWY. TAKE MALIBU CN. RD. 4.8 MI. N'LY TO CO. ROAD DEPT. CAMP #6, TAKE DIRT ROAD THRU CAMP W'LY 0.5 MI TO ROAD JCT. WITH ROCK PILLARS. PARK AND HIKE 2600± FT. S.W'LY UP CN. BOTTOM AND RIDGE ON LEFT TO STATION

STATION MARK: SET A 3/4" I.P. & CAP WITH DRILL HOLE 1" DIA. STAMPED C-6 UP 1 INCH. A 10 FT LONG BLACK & WHITE METAL POLE WAS SET PLUMB ON STATION

SEE INDEX PAGE 7

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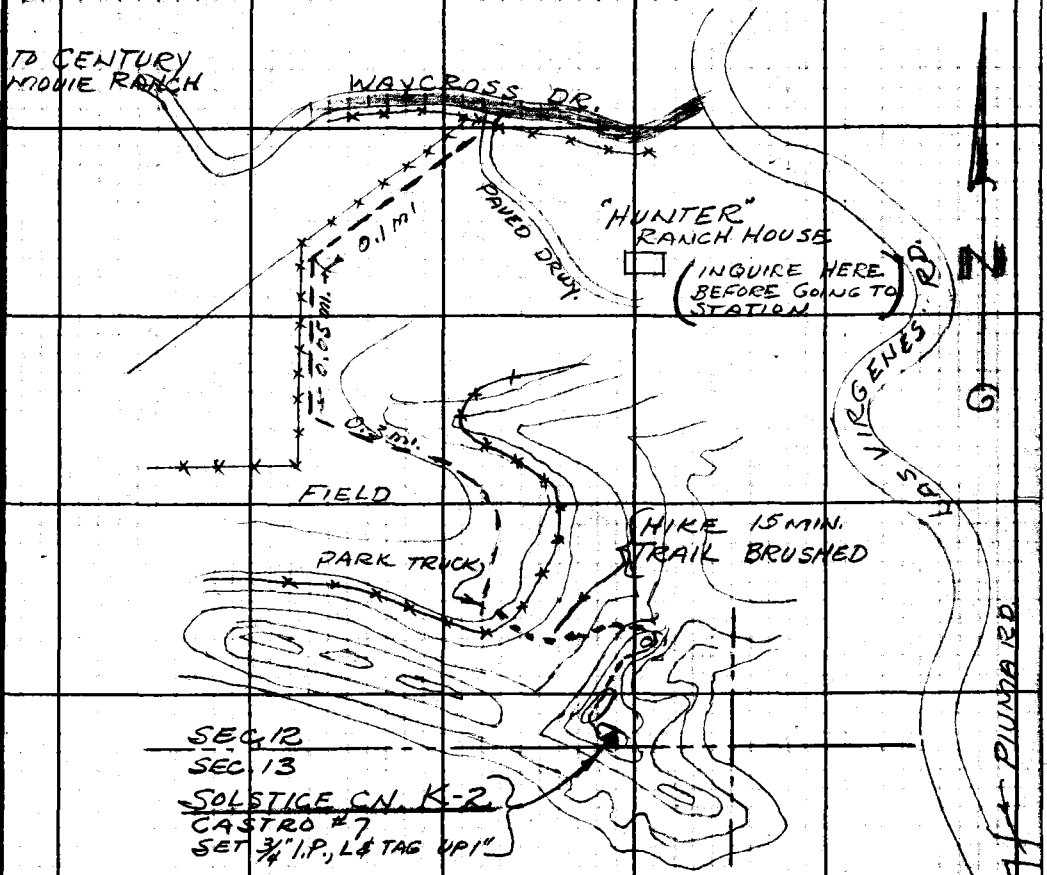
Date	Indexed H.E. OTT DEC 28 '60

F. B. 2639 PG. 19

L.A.CO. SURVEY CONTROL SYSTEM TRIANGULATION STATION

SOLSTICE CÑ. K-2 (CASTRO PK. RD. CASTRO #7) (1ST ORDER △ STA.)



THIS TRIANGULATION STATION IS ON SUMMIT OF A SHARP "T" SHAPED RIDGE NEAR S.E. COR. SEC. 12, T 1 S., R. 18 W., TO REACH FROM LAS VIRGINES RD. TAKE WAYCROSS DR. 0.15 MI. W'LY TO HUNTER RANCH GATE, ENTER GATE AND FOLLOW FENCE TO S.W. 0.10 MI., THENCE S'LY 0.05 MI., THENCE DRIVE UP VALLY TO S.E., ABOUT 0.3 MI. IN FIELD TO MOST S.ELY END. PARK AND HIKE UP SLOPE TO E. (TRAIL BRUSHED) TO RIDGE. FOLLOW RIDGE TO RIGHT TO STATION

STATION MARK:- SET A 3/4" I.P., LEAD & TAG FLUSH. SET 1" dia & 10' LONG BLACK & WHITE METAL BARBER POLE PLUMB ON STATION

SEE INDEX PAGE 7

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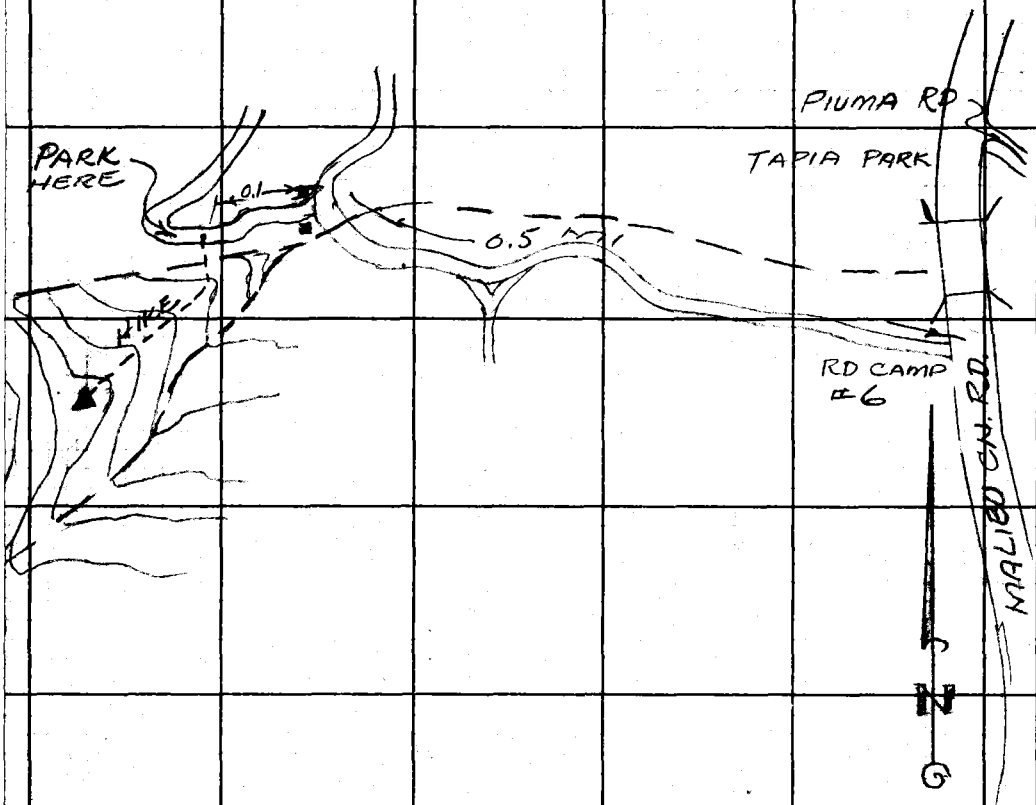
F. B. 2639 PG 20

CASTRO #8



THIS TRIANGULATION IS IN THE SANTA MONICA MTS. ABOUT 1 MI. W. OF MALIBU CN. RD., S. OF THE CENTER OF SEC. 13, T. 1 S., R 18 W. TO REACH TAKE MALIBU CN RD 4.8 MI. N'LY FROM PAC. COAST HWY. TAKE DIRT RD TO RIGHT THROUGH RD CAMP #6 W'LY 0.5 MILE TO A SIDE RD. WITH ROCK PILLARS, GO 0.1 MILE TO FIRE BREAK AND PARK. HIKE S. W'LY UP FIRE BREAK TO STATION

STATION MARK:- SET 3/4" I.P., CAP WITH DRILL HOLE STAMPED "C 8" SET A 10 FT BLACK & WHITE METAL POLE ON STATION.

SEE INDEX PAGE 7

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Date	Indexed H. E. OTT DEC 28 '60

F. B. 2632 Pg. 21

CASTRO #9

DECRIPTION FOR C-9., SEE PAGE# 23 FOR SKETCH

THIS TRIANGULATION IS ON THE S'LY SIDE OF A LONG RIDGE, TO REACH FROM VENTURA FREE WAY GO 4.1± MI. S'LY ON LAS VIRGENES CYN. RD. TO ENTRANCE OF CENTURY RANCH THEN 0.75 MI. W'LY ACROSS MALIBU CREEK TO FORK IN DIRT RD., TAKE LEFT FORK 0.45 MI. TO ABANDONED HOUSE, HIKE ACROSS CREEK AND UP SIDE HILL TO TRIANGULATION STATION

STATION MARK.

SET A 3/4 I.P & CAP WITH DRILL HOLE UP 1 INCH STAMPED C-9 SET A 10' ROUND BARBER POLE PLUMB ON STATION

SEE INDEX PAGE #7

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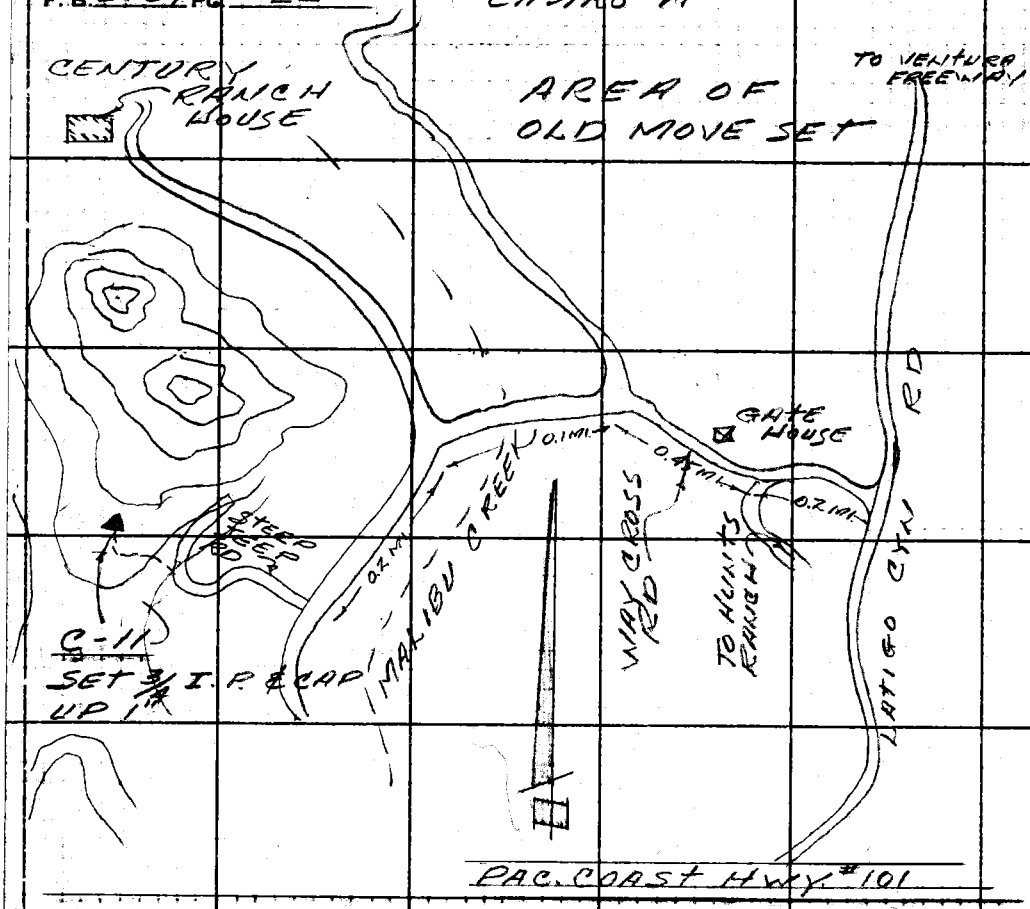
F. B. 2639 PG. 22

CASTRO #11



THIS TRIANGULATION STATION IS ON THE NO. SIDE OF A LOW SADDLE 900± S.E. OF CENTURY RANCH HDQ & 1000± W'LY OF MALIBU CREEK, TO REACH FROM VENTURA FREEWAY, GO 4½ MI. S'LY ON LAS VIRGENES CYN RD. TO ENTRANCE OF CENTURY RANCH THEN 0.75 MI. W'LY ACROSS MALIBU CREEK TO FORK IN DIRT RD, TAKE LEFT FORK 0.2 MI. TO A STEEP JEEP RD, UP JEEP RD. 0.1 MI. TO SHARP BEND IN RD GO 300± W'LY TO NORTH SIDE OF LOW SADDLE (25' ABOVE SADDLE) TO TRIANGULATION STATION C-11

STATION MARK

SET A 3/4 I.P & CAP WITH DRILL HOLE UP 1 INCH STAMPED C-11 SET A 10' ROUND METAL BARBER POLE PLUMB ON THIS STATION

SEE INDEX PAGE #7

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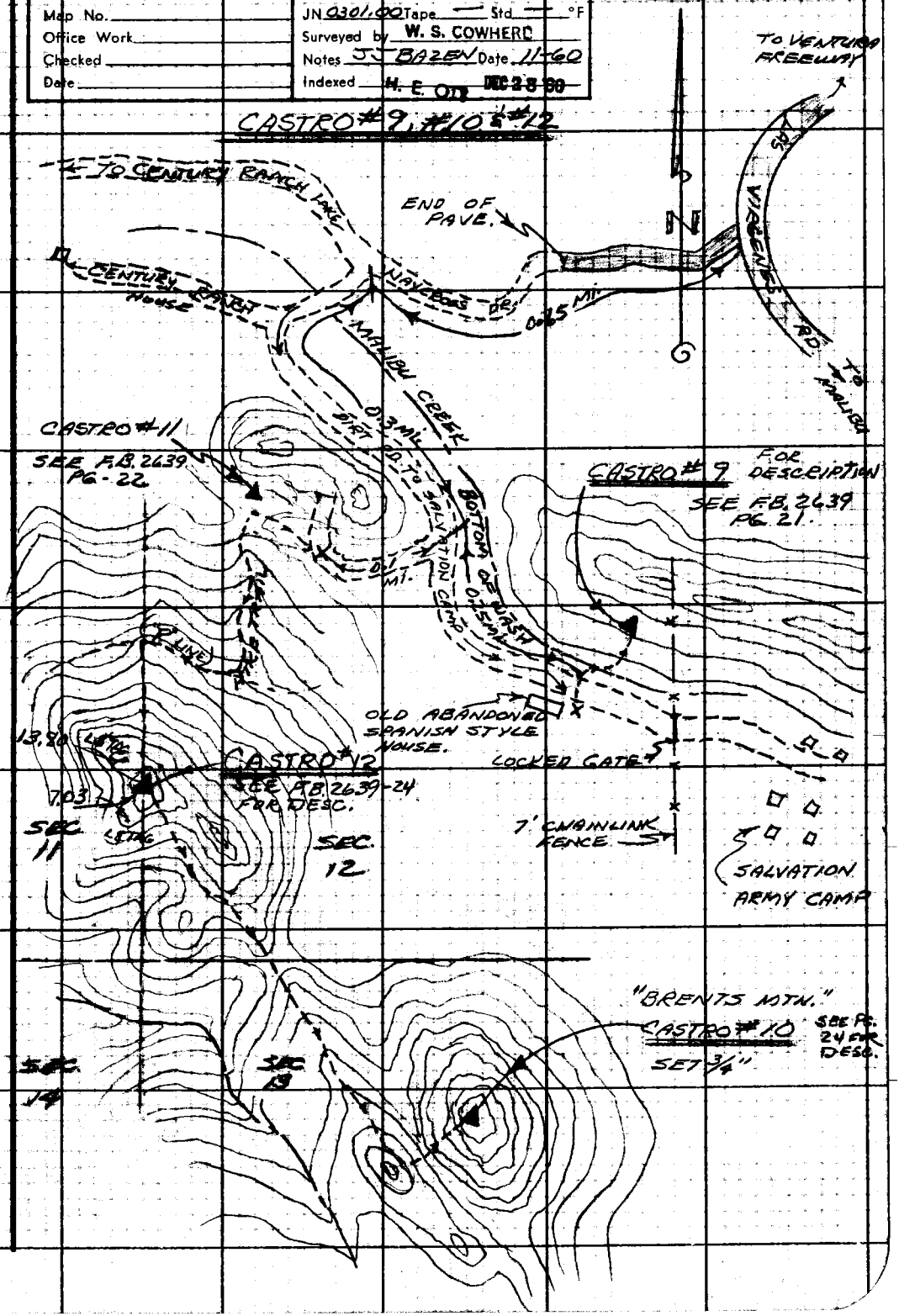
Indexed H. E. Ott DEC 28 60

F. B. 2639 PG. 23

CASTRO #9, #10 & #12



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78F309S S&E #247 11-58

F. B. 2639 PG. 24

~ DESCRIPTIONS ~

CASTRO #9

SEE F.B. 2639-21 FOR DESC. & PAGE 23 FOR SKETCH

CASTRO #10

THIS TRIANG. STA. IS LOCATED IN THE N.W. QUAD. OF SECTION #13 & ON TOP OF A VERY STEEP SUMMIT. CAN BE REACHED FROM C-12 BY ASCENDING RIDGE TO S.E. TO HIGHEST POINT THEN DOWN SADDLE AND UP PROMINENT POINT TO N.E. ALSO MAY BE REACHED BY FOLLOWING SEC. LINE NLY FROM SOLSTICE CN. I-3 TO BOTTOM OF CN. THEN N.E. OVER RIDGE, DOWN SADDLE AND UP PROMINENT POINT. TO STATION

STATION MARK SET A 3/4" I.P. & CAP, WITH DRILL HOLE, STAMPED C-10, UP 1". SET A 10' BLACK & WHITE POLE PLUMB ON STATION.

SEE INDEX PAGE 7

CASTRO #12 (SEE PAGE 23 FOR SKETCH)

THIS TRIANGULATION STATION IS ON THE NWLY END OF A RIDGE IN THE S.W. COR. OF SEC. 12, T.1 S, R18 W ABOUT 1000 FT. N. OF THE S.W. COR. OF THE SECTION.

TO REACH STATION FROM LAS VIRGINES RD. & MWL. HOLLAND HWY GO SOUTH 0.5 MI. TO WAYCROSS DR., PROCEED W'LY ON WAYCROSS DR. 0.65 MI. TO ROAD FORK. TAKE LEFT HAND RD ACCROSS CREEK AND TO LEFT SE'LY 0.3 MI. TO A DIRT ROAD TO RIGHT, TAKE DIRT ROAD 0.1 MI. W'LY TO SHARP CURVE TO RIGHT AND PARK. HIKE W'LY TO SADDLE AND TAKE BRUSHED TRAIL S'LY UP A RIDGE TO BRUSHED "P" LINE. FOLLOW "P" LINE W'LY ABOUT 600± FT TO BRUSHED SEC. LINE, HIKE UP SEC. LINE S'LY TO TOP OF RIDGE & STATION.

STATION MARK SET 3/4" I.P. & CAP WITH DRILL HOLE STAMPED C-12 UP 2". SET L. & TAG 7.03 TO S. IN ROCK, SET CHISELED + 4.49 TO N.E. IN ROCK, SET L. & TAG 13.80 TO N.W. IN ROCK. SET 10' BLACK & WHITE METAL POLE PLUMB ON STATION

SEE INDEX PAGE 7

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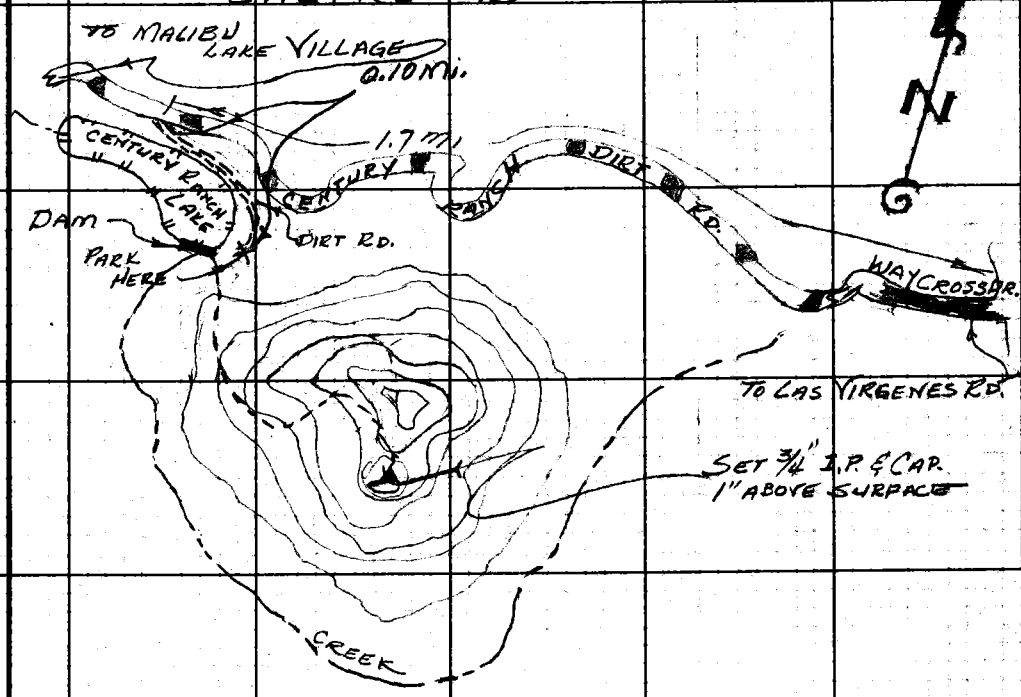
Map No.	JN 0301.00 Tape Std °F	
Office Work	Surveyed by W. S. COWHERD & G. E. DREIER	
Checked	Notes W. S. C. C.G.V. Date 12-8-60	
Date	Indexed H. E. OR DEC 28 '60	

CASTRO # 13



THIS TRAINGULATION STATION IS ON THE N. SIDE OF THE MAIN RIDGE DIVIDING THE OCEAN & TRIUNFO CNY. ON THE S. SIDE OF A LARGE ROCK OUTCROP. AND CAN BE REACHED BY DRIVING NORTH FROM PACIFIC COAST HWY. ON MALIBU RD. 4.8 MI. TO WAYCROSS DRIVE LEADING IN TO CENTURY RANCH THEN FOLLOW MAIN DIRT RD. 1.7 MI ON DIRT RD TO CENTURY RANCH LAKE THEN TURN LEFT ON DIRT ROAD ALONG NORTH SIDE OF LAKE FOR 0.10 MI PARK TRUCK & START HIKEING. IT IS VERY STEEP. 25 MIN HIKE.

STATION MARK =
SET 3/4 I.P. & CAP WITH HOLE DRILLED IN CENTER OF SAME. 1" ABOVE SURFACE. STAMPED C-#13 A BLACK & WHITE POLE ERECTED OVER STATION.

SEE INDEX PAGE #7

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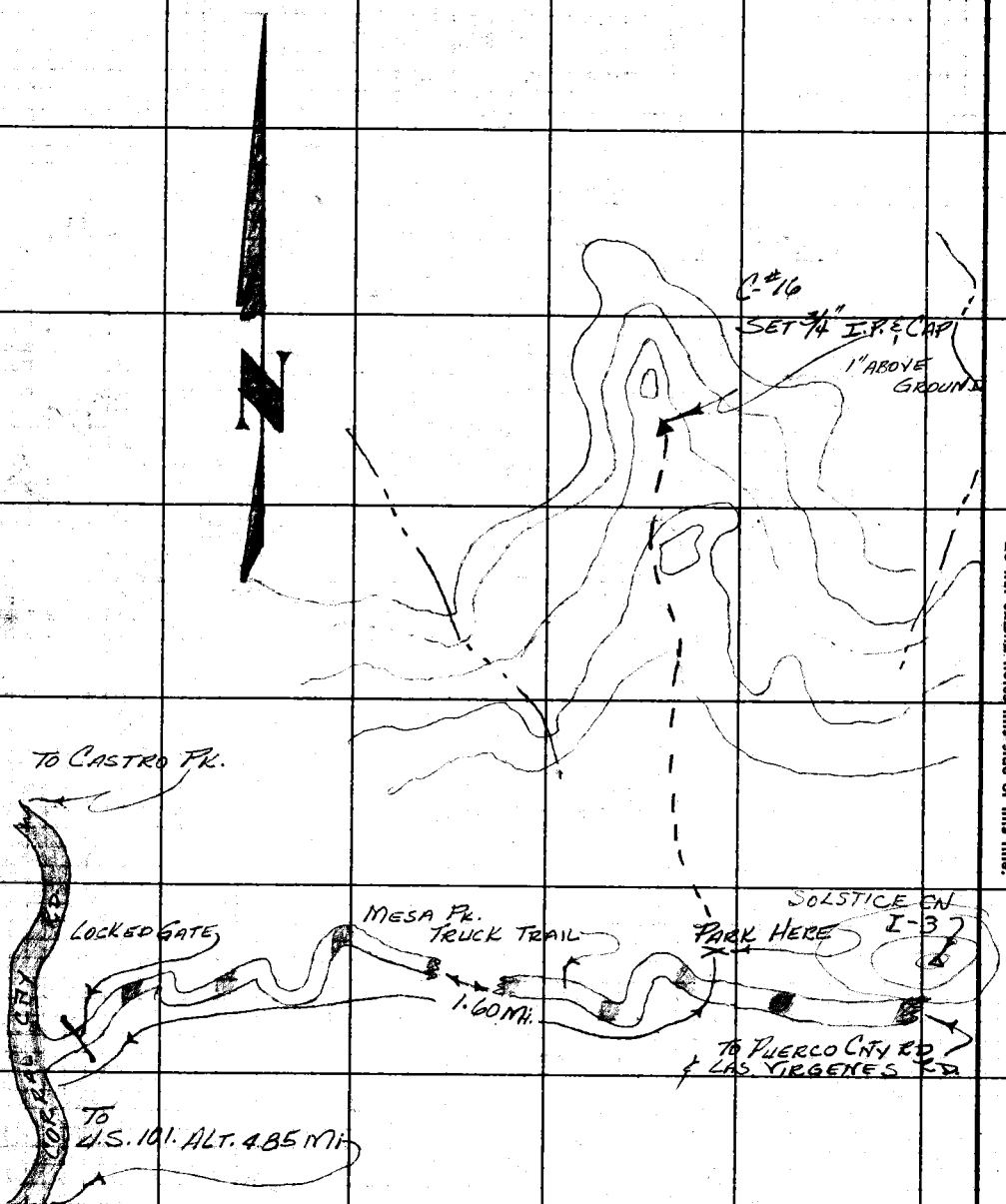
F. B. 2639 PG. 26

CASTRO #16



THIS TRIANGULATION STATION ON THE N. SIDE OF THE MAIN RIDGE SEPERATEING THE OCEAN & TRUINFO CNY. THIS STATION CAN BE REACHED BY GOING N. FROM PACIFIC COAST HWY. 4.85 MI. TO GATE ON RIGHT. THEN GO IN A N'ELY DIRECTION 1.60 MI ON MESA PK. TRUCK TRAIL TO CLEAR AREA ON LEFT. PARK TRUCK & FOLLOW A POOR TRAIL TO STATION.

STATION MARK =

SET A 3/4" I.P. & CAP WITH HOLE DRILLED IN CENTER OF SAME 1" ABOVE GROUND. A 10' BLACK & WHITE POLE WAS ERECTED OVER STATION. STAMPED C-#16

SEE INDEX PAGE 7

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Map No.	JN 0301.00 Tape — Std — °F
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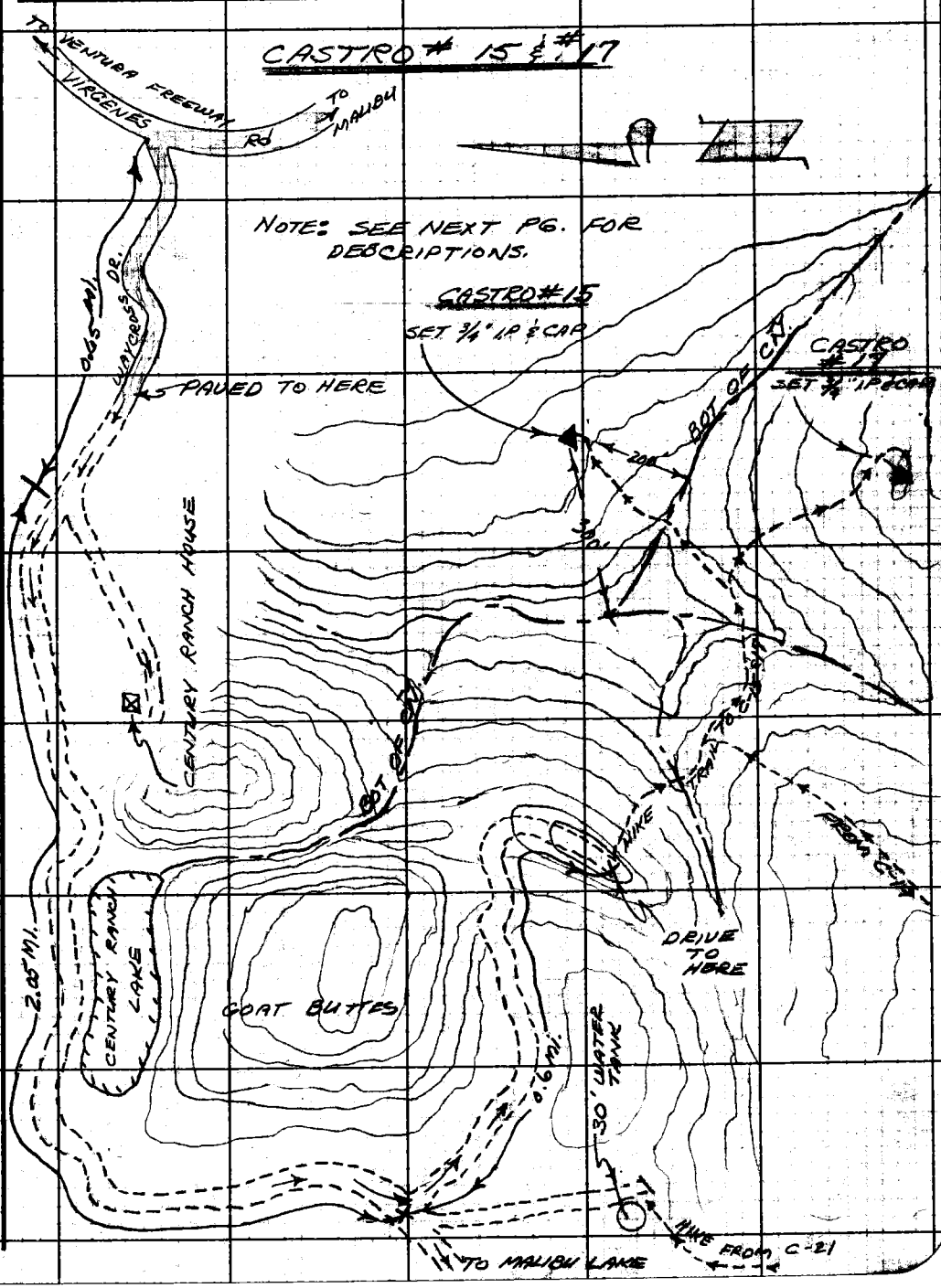
Checked	Notes ~~W. S. C.~~ J. BAZEN Date 11-60
Date	Indexed H. E. OTT DEC 23 '60

F. B. 2639 PG. 27



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768098 CE #247—7-53

F. B. 2639 Pg. 28

CASTRO #15 & #17

DESCRIPTIONS

CASTRO #15

THIS TRIANG. STA. IS LOCATED IN THE S.E. QUARTER OF SECTION 11 (T.1S./R.18W.) & ON THE S.W. SIDE OF A HILL 200' ABOVE BOTTOM OF "TRIUNFO CN." HIKE E. down OLD FIRE BREAK & FOLLOW EXISTING TRAIL FOR 10 MIN. UNTIL YOU COME TO BOTTOM OF WASH, BEAR TO LEFT (N.E) & CLIMB FOR 5 MIN. (TOTAL HIKE TIME 15 MIN)

STATION MARK:

SET A 3/4" I.P. & CAP (drilled) UP 1" & ERECTED A 10' BLACK & WHITE BARBER POLE. CAP STAMPED "C15"

(SEE INDEX PG. 7)

CASTRO #17

THIS TRIANG. STA. IS LOCATED IN THE N.E. QUARTER OF SECTION 14 (T.1S./R.18W) & ON A PILE OF ROCKS LOCATED ON A RIDGE RUNNING IN A S.E. DIRECTION FROM BOT. OF "TRIUNFO CN" ABOUT 300' FROM BOT OF WASH. FOLLOW TRAIL FOR 10 MIN. (AS PER CASTRO #15) ONLY BEAR TO RT. UP RIDGE AFTER CROSSING WASH. HIKE FOR 10 MIN. UP. RIDGE. (TOTAL HIKE TIME 20 MIN)

STATION MARK

SET A 3/4" I.P. & CAP (DRILLED) UP 1" & ERECTED A 10' BLACK & WHITE BARBER POLE ON PT. CAP STAMPED "C 15"

(SEE INDEX PG-7)

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Date	Indexed H. E. ON DEC 28 '60

F. B. 2639 PG. 29

CASTRO # 19
& P # 114

P-114 = THIS TRIANGULATION STATION IS ON A N'LY RIDGE ON THE S. SIDE OF THE MAIN RIDGE BETWEEN THE OCEAN & TRUNFO CNY. IT CAN BE REACHED FROM PACIFIC COAST HWY BY GOING N. ON CORRAL CNY RD 4.85 MI. TO LOCKED GATE ON RIGHT GOING TO MESA PK. RD 0.90 MI. IN A E'LY DIRECTION TO FLAT AREA PARK TRUCK AND HIKE N'LY OVER A RIDGE AND DOWN RIDGE TO A SADDLE & STATION

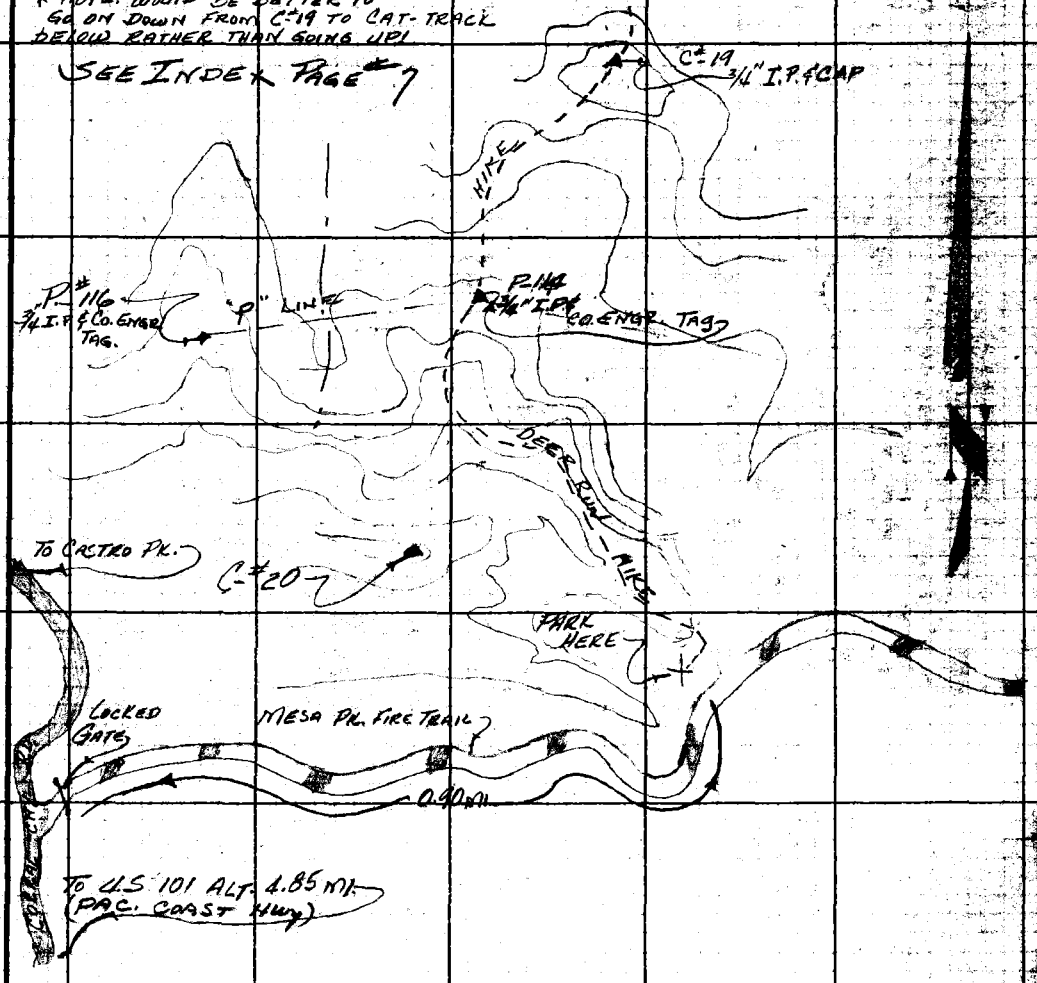
STATION MARK = SET A 3/4" I.P. & CAP WITH HOLE DRILLED IN CENTER OF SAME WITH A 10' BLACK & WHITE POLE PLUMB OVER STATION.

C-19 THIS TRIANGULATION STATION IS ON THE SAME RIDGE 1800' I BELOW P-114. AND CAN BE REACHED BY GOING THE SAME WAY AS TO P-114 BUT KEEP GOING IN A N'ELY DIRECTION TO STATION.

STATION MARK = SET 3/4" I.P. & CAP WITH DRILLED HOLE IN CENTER OF SAME PIPE IS FLUSH WITH GROUND. A 10' BLACK & WHITE POLE PLUMB ON STATION
CAP STAMPED C-19

* NOTE: WOULD BE BETTER TO GO ON DOWN FROM C-19 TO CAT-TRACK BELOW RATHER THAN GOING UP!

SEE INDEX PAGE # 7



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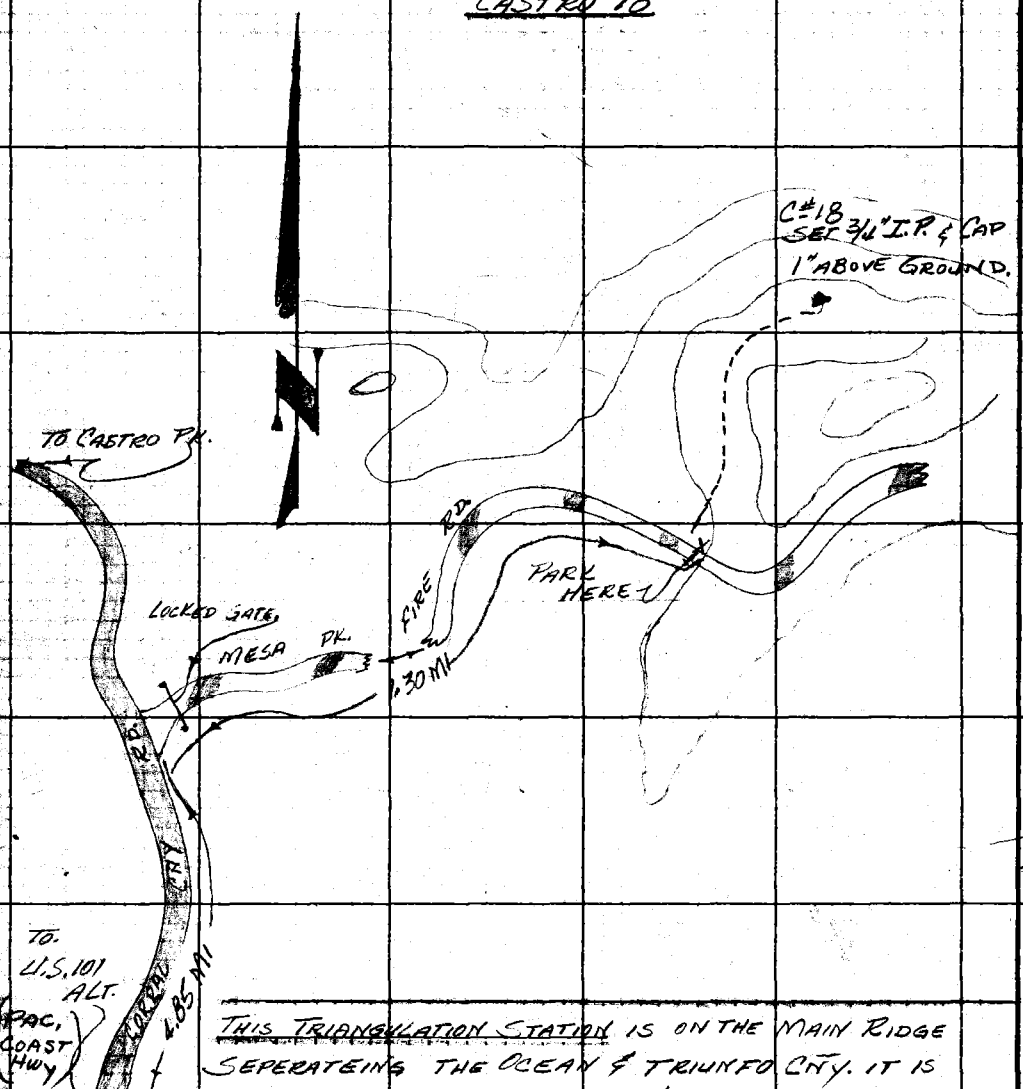
F.B. 2639 PG. 30

CASTRO #18



THIS TRIANGULATION STATION IS ON THE MAIN RIDGE SEPERATEING THE OCEAN & TRUNFO CNY. IT IS ON THE NORTH SIDE ON SLOPE, & CAN BE REACHED BY GOING NORTH FROM PACIFIC COAST HWY. ON CORRAL CNY RD 4.85 MI TO GATE ON RIGHT, THEN GO 1.30 MI. ON MESA PK. FIRE RD. & PARK ON SIDE OF RD. THEN HIKE 250± FT A N'ELY DIRECTION TO STATION.

STATION MARK:

SET A 3/4" I.P. & CAP WITH HOLE DRILLED IN CENTER OF SAME 1" ABOVE GROUND A 10' BLACK & WHITE POLE WAS PLUMB OVER STATION STAMPED C-18 ON CAP

SEE INDEX PAGE #7

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Map No.	JN 0301/00 Tape — Std — °F	
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Checked	Notes J. BAZEN Date 12-5-60	
Date	Indexed H. E. OTT DEC 28 60	

CASTRO # 20

(SEE F.B. 2639-33 FOR SKETCH)

DESCRIPTION

THIS TRIANGULATION STA. IS IN THE CENTER E. PART OF SECTION 15 - T.1S./R.18W. & 0.9 MI. N.E. OF INT. OF CORAL CN. RD. & MESA PK. FIRE RD. & IS 900' ± N. OF MESA PK. FIRE RD. & LOCATED ON THE N.E. SIDE OF A SUMMIT ADJOINING RIDGE RUNNING TO CASTRO #22. (HIKE TIME 10 MIN.)

STATION MARK:

SET A 3/4" I.P. & CAP UP 1". & ERECTED A 10' BLACK & WHITE BARBER POLE.

(SEE INDEX PG. 7)

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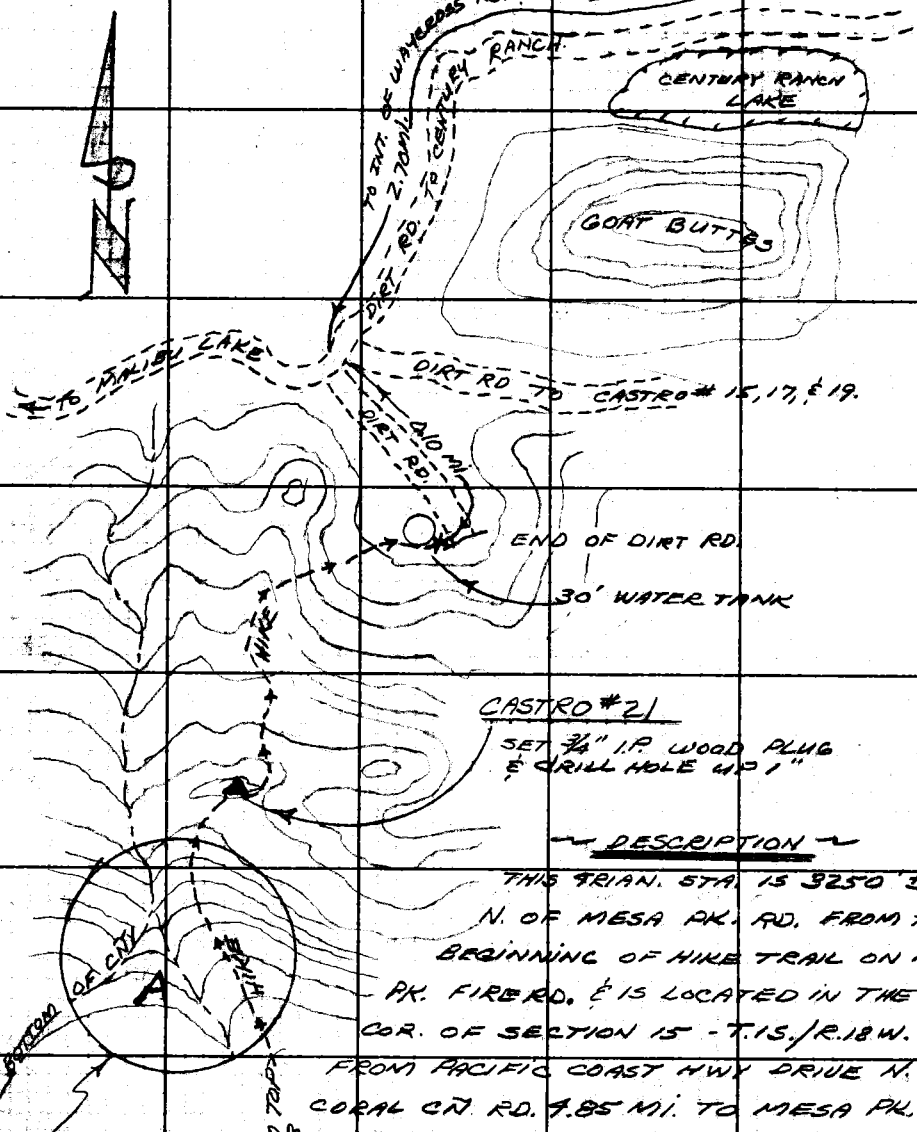
F. B. 2639 PG. 32

CASTRO #21



~ DESCRIPTION ~

THIS TRIAN. STA. IS 3250' ± N. OF MESA PK. RD. FROM THE BEGINNING OF HIKE TRAIL ON MESA PK. FIRE RD. & IS LOCATED IN THE N.E. COR. OF SECTION 15 - T.1S./R.18W.

FROM PACIFIC COAST HWY. DRIVE N. ON CORAL CN. RD. 4.85 MI. TO MESA PK. FIRE RD., THEN RIGHT 0.45 MI. TO BEGINNING OF HIKE TRAIL. FOLLOW DEER TRAIL AROUND E. SIDE OF LG. HILL KEEPING TO COUNTORS.

STATION MARK:

SET A 3/4" I.P WITH WOOD PLUG & DRILLED HOLE UP 1" & ERECTED A 10' BLACK & WHITE BARBER POLE.

(SEE INDEX PG. 7)

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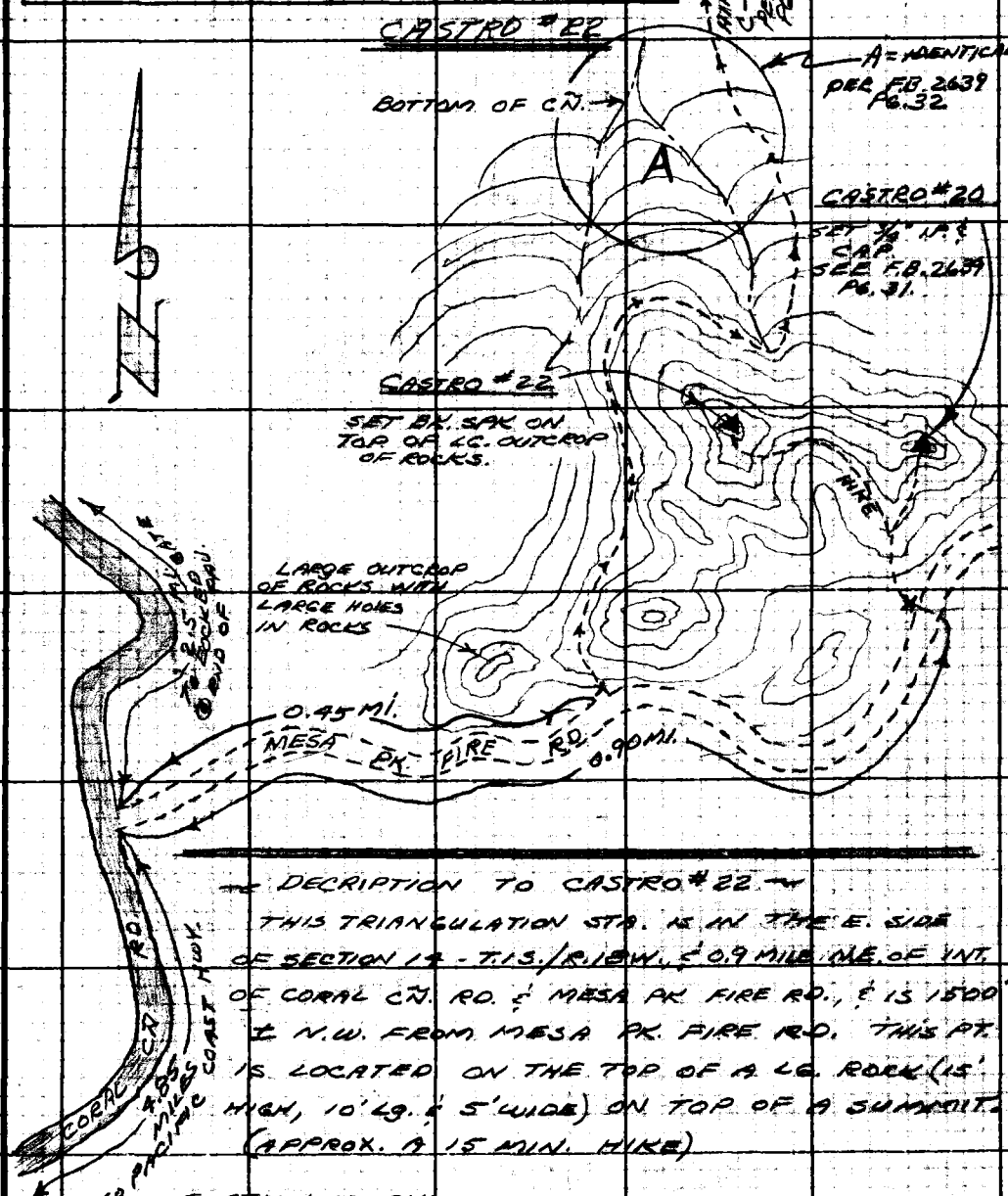
Map No.	JN J.N. 0701.00 Tape — Std — °F
Office Work	Surveyed by W. S. COWHERD & DREIER
Checked	Notes J.T.B. Date 12-9-60
Date	Indexed B.E. on 12-23-60

F. B. 2639 PG. 33



— DECRIPTION TO CASTRO #22 —

THIS TRIANGULATION STA. IS IN THE E. SIDE OF SECTION 14 - T.1S./R.18W., & 0.9 MILE NE. OF INT. OF CORAL CN. RD. & MESA PK FIRE RD., & IS 1500' ± N.W. FROM MESA PK. FIRE RD. THIS PT. IS LOCATED ON THE TOP OF A LG. ROCK (15' HIGH, 10' LG. & 5' WIDE) ON TOP OF A SUMMIT. (APPROX. A 15 MIN. HIKE)

STATION MARK:

SET A LG. BT. SPK. FLUSH & ERECTED A 10' BLACK & WHITE BARBER POLE.

(SEE INDEX PG. 7)

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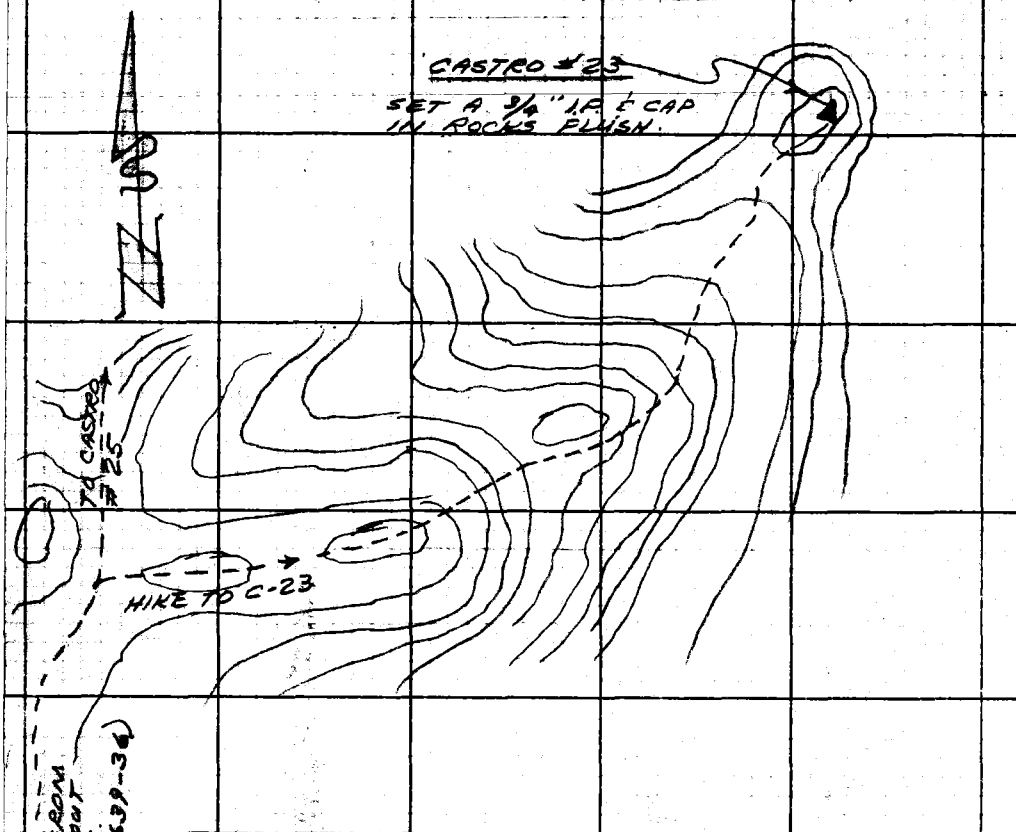
F. B. 2639 PG 34

CASTRO #23



~ DESCRIPTION ~

THIS TRIANGULATION STA. IS ABOUT 3500'± N.E. OF THE INT. OF CORAL CN. RD. & MESA FIRE RD. & LOCATED ON TOP OF A SUMMIT ON A RIDGE RUNNING IN A N.W. DIRECTION, IN THE N.W. QUAD. OF SECTION 15, T.1S.- R.18 W. FROM PACIFIC COAST HWY. DRIVE N. ON CORAL CN. RD. MILES TO DIRT DRIVE TO BURNED OUT HOUSE & HIKE AS TO GOING TO C#25. (PER. F.B. 2639 PG. 36.) HIKE TIME TO C#23 IS 45 MIN.±.

STATION MARK:

SET A 3/4" I.P. & CAP WITH DRILLED HOLE IN BETWEEN ROCKS. & FLUSH., ERECTED A 10' BLACK & WHITE BARBER POLE OVER PT.

SEE INDEX PG. 7.

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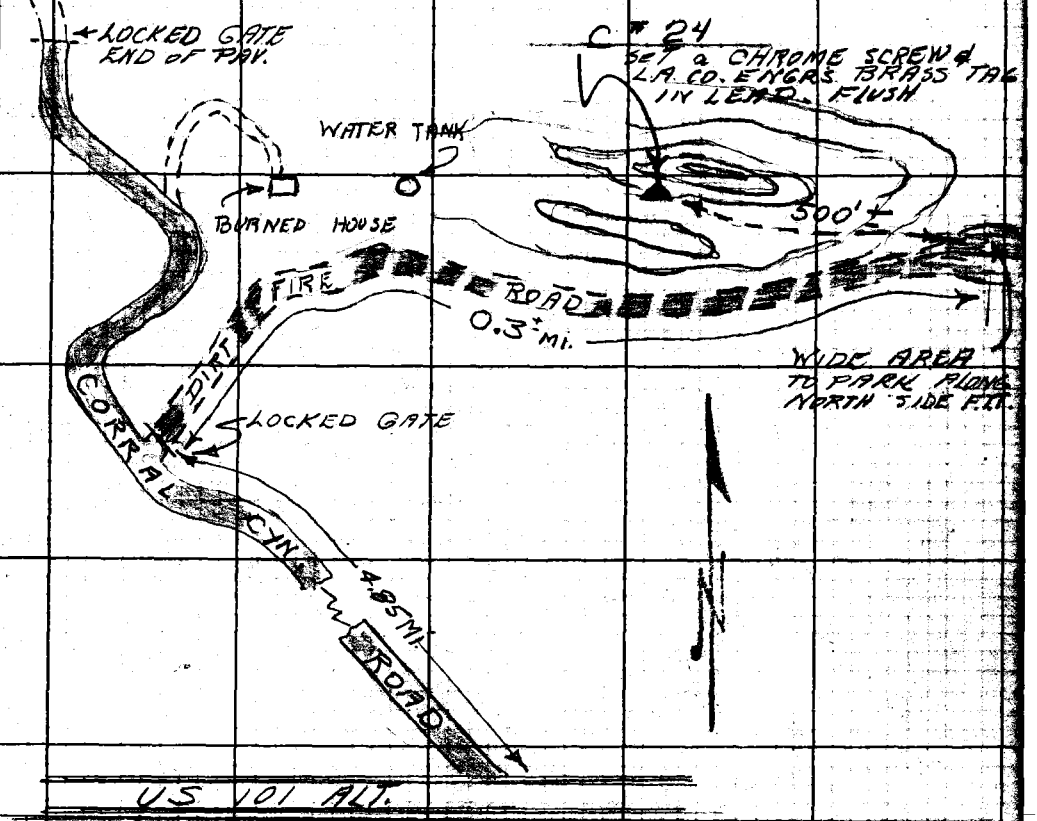
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C Date 3-9-60
Date	Indexed H. E. OT. DEC 28

F. B. 2639 Pg. 35

CASTRO #24



THIS TRIANGULATION STATION IS ON THE SUMMIT OF THE SANTA MONICA MTS. WHICH IS THE DIVIDING RIDGE BETWEEN THE OCEAN & MALIBU LAKE. IT IS ON A BENCH 2' WIDE X 4' LONG UP 5' ABOVE NATURAL GROUND LEVEL ON THE SOUTH FACE, WEST END OF THE HIGHEST SANDSTONE PEAK AT THE SUMMIT OF THE RIDGE. THERE IS ALSO A SMALLER OUT CROPPING 50'± S.Y. TO REACH FROM US 101 ALT GO 4.8mi. UP CORRAL CYN. RD TO A LOCKED GATE ON THE EAST SIDE OF CORRAL CYN RD. THENCE 0.3mi ELY ON DIRT FIRE ROAD TO SUMMIT OF RIDGE. FROM THIS POINT GO 500'± W'LY. & 80'± IN ELV. HIGHER TO TRIANGULATION STATION C-24

STATION MARK: SET A CHROME SCREW & L.A.CO. ENG'RS BRASS TAG IN LEAD, FLUSH. CHISLED C XXIV ON FACE OF SANDSTONE PEAK. SET A 10' ROUND METAL BARBER POLE PLUMB ON STATION.

SEE INDEX PAGE #8

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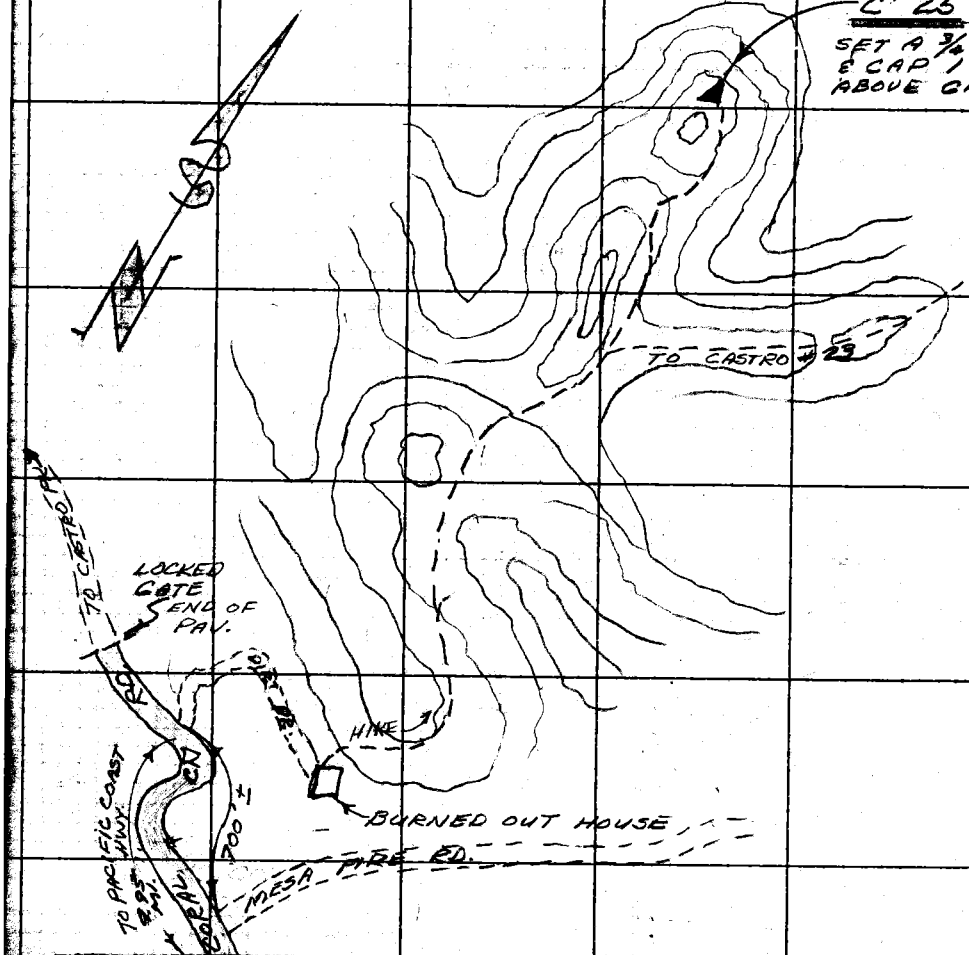
F. B. 2639 PG. 36

CASTRO #25



THIS TRIANGULATION STA. IS ABOUT 2600 FT. NORTH FROM INT. OF CORAL CN. RD. & MESA FIRE RD. & LOCATED ON NORTH SIDE OF THE SUMMIT OF A HILL IN SECTION 15 T. 1.S., R. 18 W. THIS STA. CAN BE REACHED BY DRIVING 600' ± TO BURNED OUT HOUSE & HIKING FIRST ON WEST SIDE OF RIDGE THEN OVER TO EAST SIDE FOR TOTAL OF 30 MIN. ±, TO STATION

STATION MARK

SET A 3/4" I.P. WITH CAP & DRILLED HOLE 1" ABOVE GRD., ALSO ERECTED A 10' BLACK & WHITE GALVANIZED BARBER POLE OVER PT., CAP STAMPED "C-25"

SEE INDEX PAGE 8

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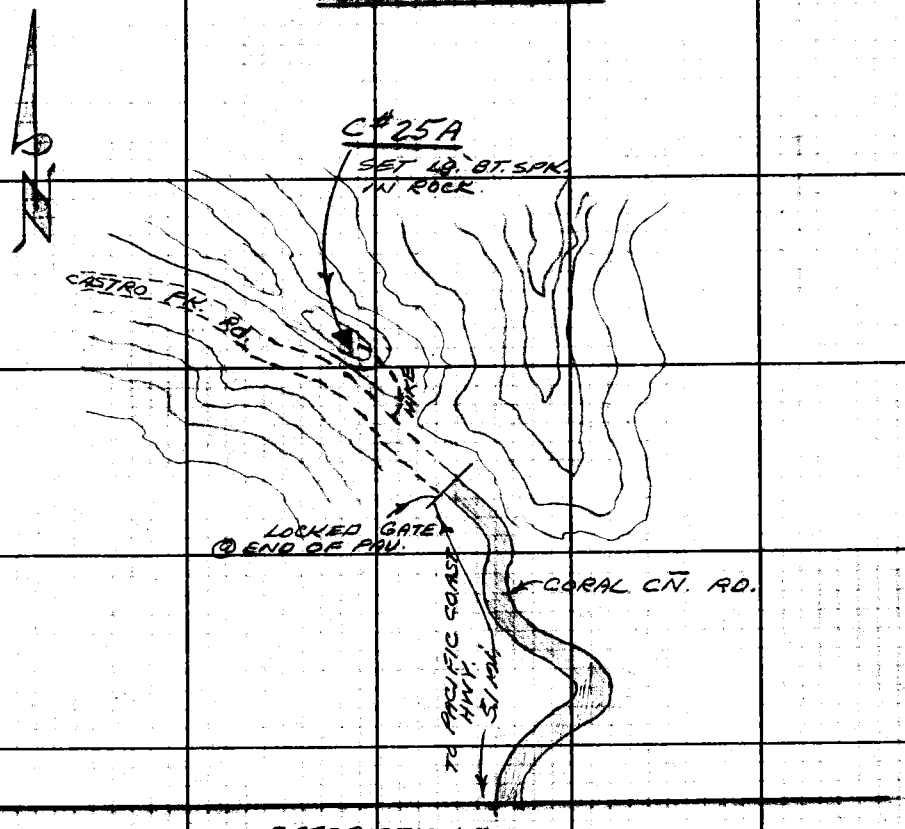
Office Work	Surveyed by W. S. COWHERD & DREIER
Checked	Notes J J BAZEN Date 11-60
Date	Indexed L. E. OTT

F. B. 2639 PG. 37

CASTRO #25A



DESCRIPTION

THIS TRANGULATION STA. IS 0.15 MI. N.W. OF LOCKED GATE @ END OF CORAL CN. RD. & @ THE SUMMIT OF A ROCKY KNOLL 100' ± N. OF CASTRO PK. FIRE RD. & LOCATED IN SECTION 15, T.1 S./R. 18 W. HIKE TIME IS ABOUT 2 MIN.

STATION MARK:

SET A BT. SPK. IN LARGE ROCK (FLUSH) & ERECTED A 10' BLACK & WHITE BARBER POLE.

(SEE INDEX PG. 8.)

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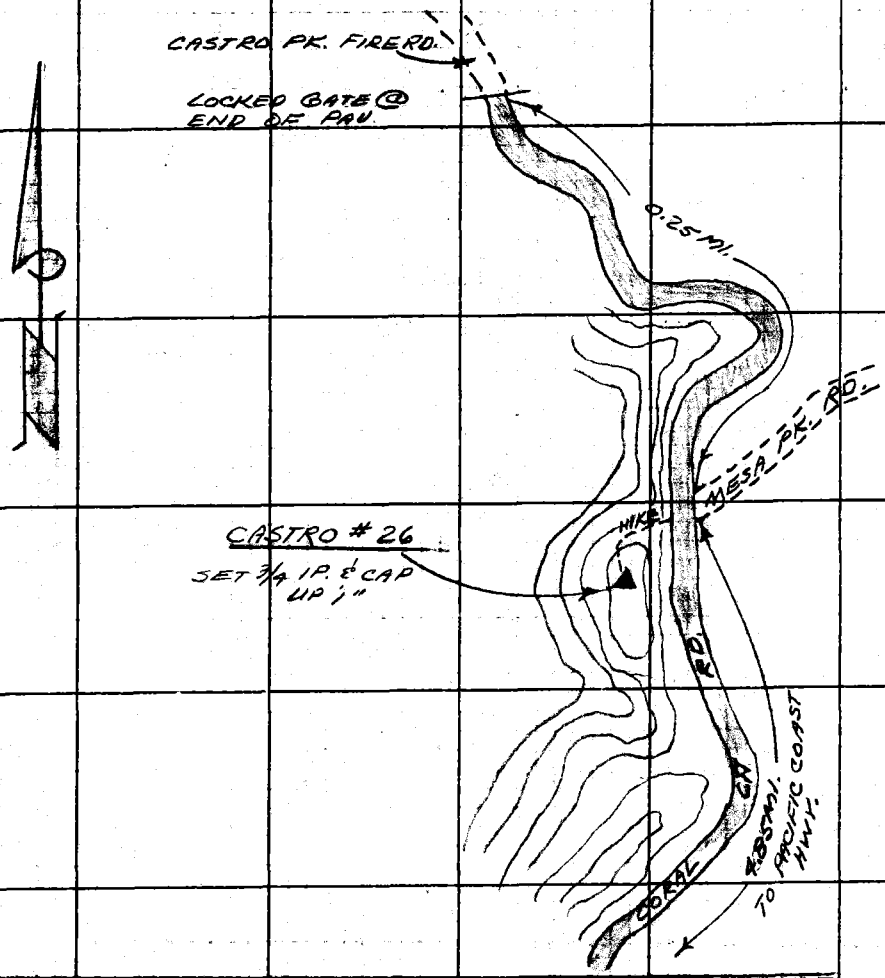
CASTRO #26



~ DESCRIPTION ~

THIS TRIANGULATION STA. IS IN THE S.W. PART OF SECTION 15, T.1S./R.18W. & IS ON A KNOLL ABOUT 300' ± S.W. FROM INT. OF CORAL CN RD. & MESA PK. FIRE RD. (HIKE TIME 2 MIN.±)

STATION MARK

SET A 3/4" I.P. & CAP (DRILLED) UP 1" & ERECTED A 10' BLACK & WHITE BARBER POLE. CAP STAMPED "C 26"

(SEE INDEX PG. 8)

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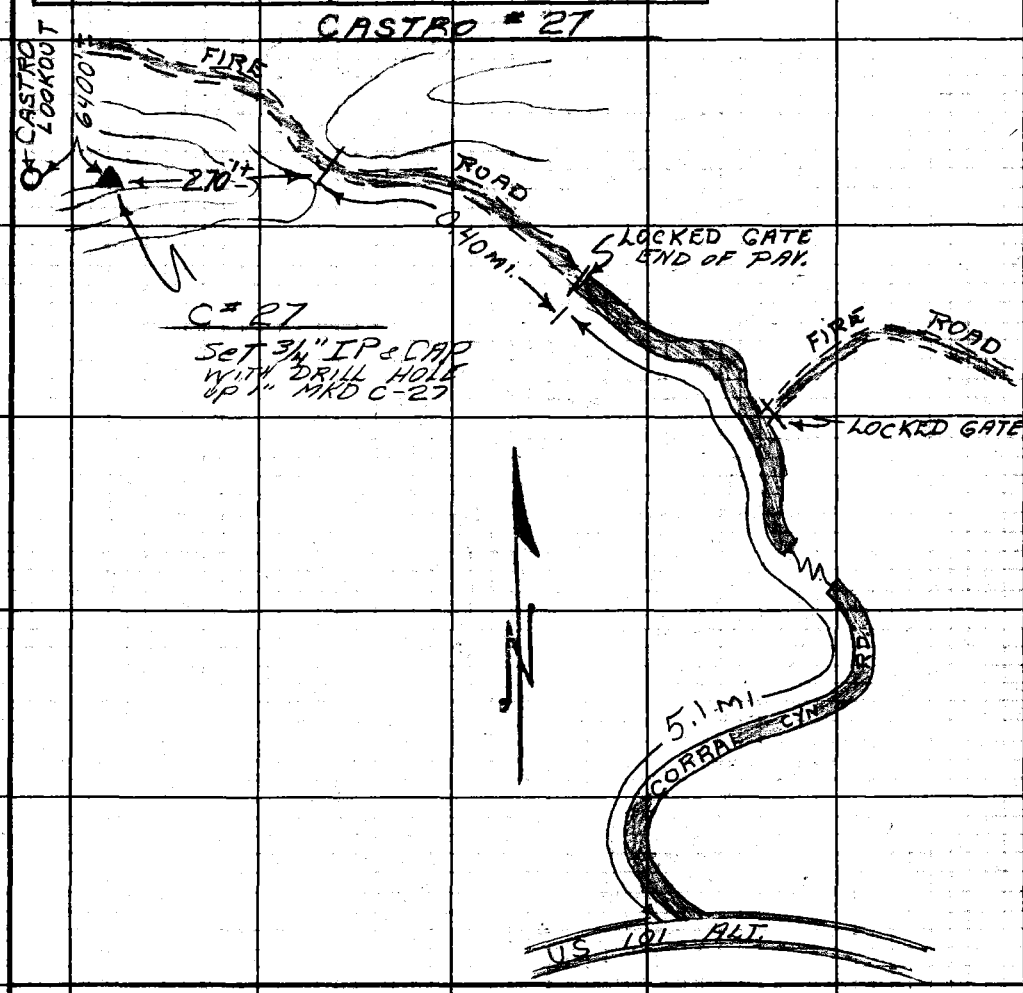
Notes Ck'd by	Survey of CASTRO PK. RD
Map No.	JN 0075.72 Tape 86 Std. 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W.S.C. Date 3-3-60
Date	Indexed B. E. OTT

F. B. 2639 Pg. 39

CASTRO # 27



THIS TRIANGULATION STATION IS ON THE SUMMIT OF THE MAIN DIVIDE BETWEEN THE OCEAN & TRUNFO CYN. 6400'± ELV. OF CASTRO PEAK LOOKOUT. TO REACH THIS STATION GO 5.1 mi. UP CORRAL CYN. RD. FROM US 101 ALT. TO END OF PAVED ROAD. AT WHICH POINT THERE IS A LOCKED GATE. THENCE ONTO A DIRT FIRE ROAD 0.40 mi. TO WHERE ROAD CROSSES SUMMIT OF DIVIDE. AT THIS POINT THE TRIANGULATION STATION IS 270'± WLY. & ABOUT 100'± IN ELEV ABOVE ROAD AND FALLS ON ELY. BROW OF RIDGE, WHICH IS ALSO A FIREBREAK.

STATION MARK: SET A 3¼" IP & CAP WITH DRILL HOLE UP 1" MKD. C-27 WITH A 1 5/8" X 10' METAL BARBER POLE PLUMB ON THIS STATION SEE INDEX PAGE # 8

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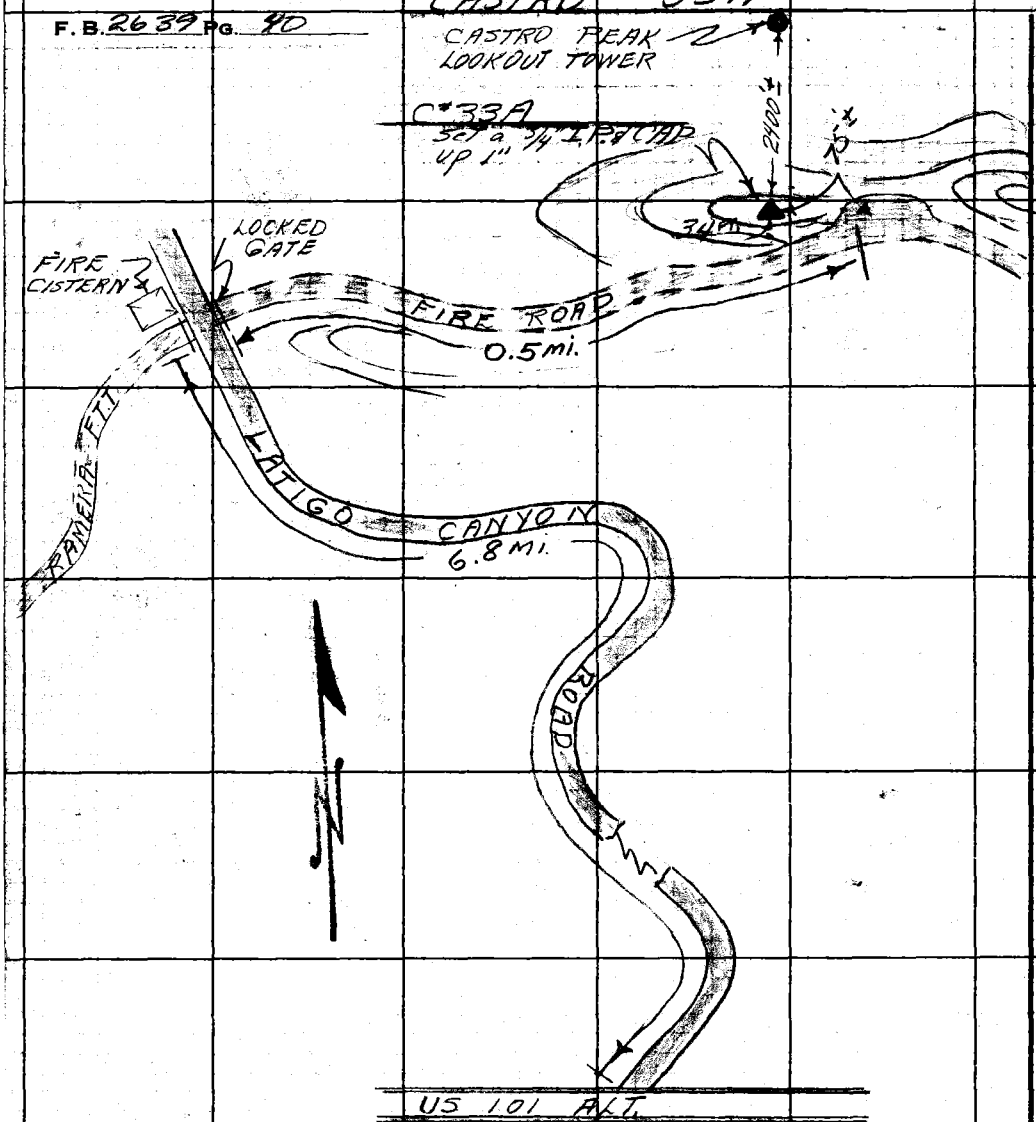
F. B. 2639 PG. 40

CASTRO #33A



THIS TRIANGULATION STATION IS AT THE HEAD OF ESCONDIDO CYN. ON THE TOP OF A DIVIDING RIDGE BETWEEN NEWTON CYN & ESCONDIDO CYN. TO REACH FROM U.S. 101 ALT. GO 6.8 mi UP LATIGO CYN ROAD TO A LOCKED GATE ON THE EAST SIDE OF LATIGO CYN. RD. WHICH IS THE BEGINNING OF A DIRT FIRE ROAD THAT LEADS TO CASTRO PEAK LOOK OUT TOWER. GO UP SAID ROAD 0.5 mi TO A PARKING AREA ALONGSIDE ROAD. THENCE BACK 75'± TOWARDS LATIGO CYN. RD. TO THE HIGHEST POINT ON RIDGE & TRIANGULATION STATION C-33A

STATION MARK: SET A 3/4" IP & CAP WITH DRILL HOLE UP 1" MKD. C-33A WITH A ROUND METAL BARBER POLE PLUMB ON THIS STATION SEE INDEX PAGE # 8

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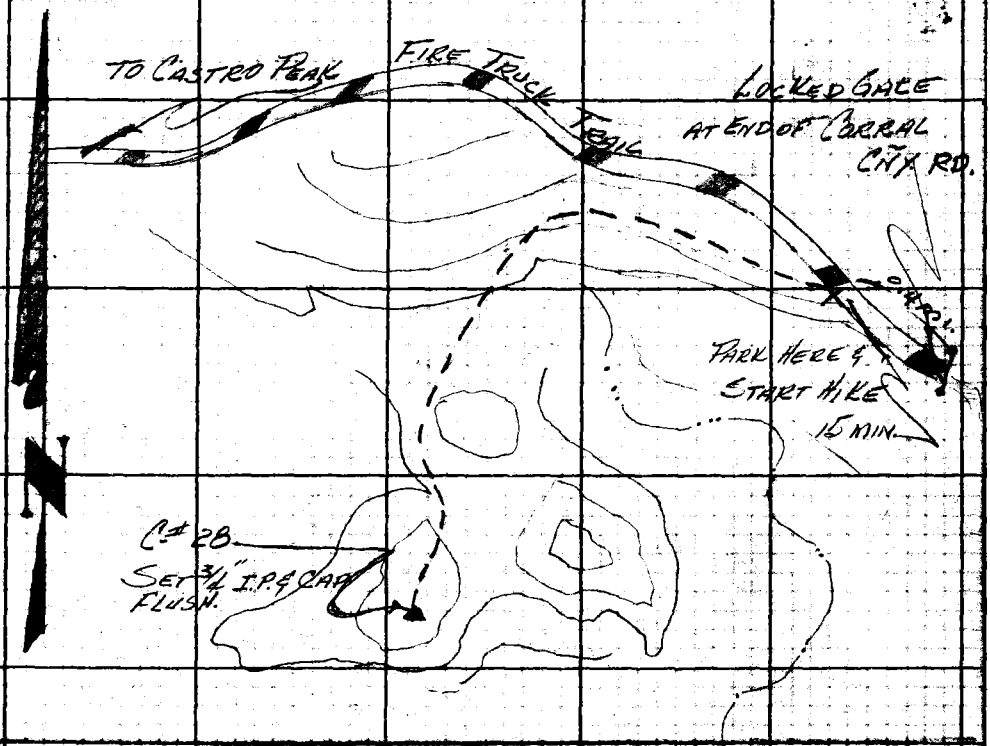
Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 2639 PG. 41
Map No.	JN 030100 Tape Std °F	
Office Work	Surveyed by W. S. COWHERD & G. E.D.	
Checked	Notes C.G.Y. Date 12-5-60	
Date	Indexed H. E. OTT 23 '60	

CASTRO #28



THIS TRIANGULATION STATION IS ON THE SOUTH SIDE OF THE MAIN RIDGE ON A SPUR RIDGE ABOUT 1700'± DOWN IN THE VALLEY. THIS STATION CAN BE REACHED FROM PACIFIC COAST HWY. BY TAKEING CORRAL CNY RD NORTH FOR 5.10 MI TO END OF PAVEMENT & LOCKED GATE THEN GO 0.40 MI FROM GATE AND PARK ON SIDE OF ROAD & START HIKEING IN A SOUTHWESTERLY DIRECTION.

STATION MARK:

SET A 3/4" I.P. & CAP WITH HOLE DRILLED ON CENTER OF SAME. IT IS FLUSH WITH GROUND WITH A 10' BLACK & WHITE POLE PLUMB OVER STATION. CAP STAMPED C 28.

SEE INDEX PAGE 8

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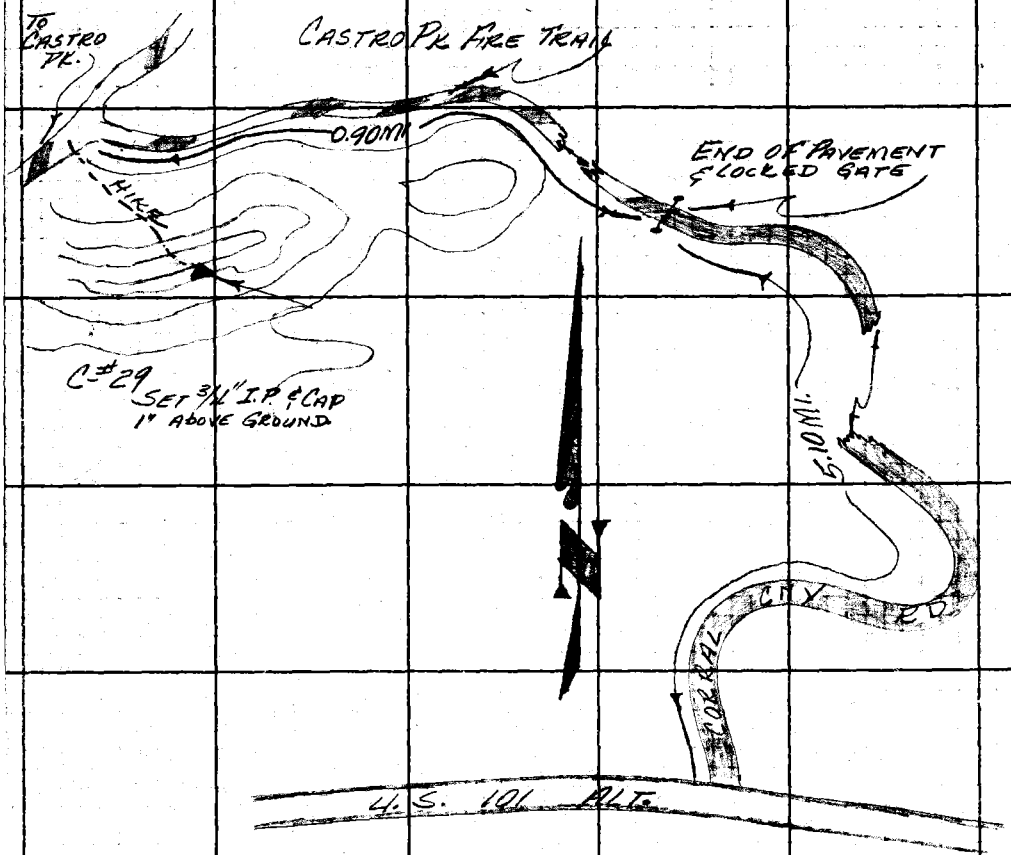
76F3095 SSE #247 11-59

F. B. 2639 PG. 42 CASTRO #29.



THIS TRIANGULATION STATION IS ON THE MAIN RIDGE AND ON THE SOUTH SIDE OF THE CASTRO PK. TRUCK TRAIL, 250'±. THIS STATION CAN BE REACHED FROM PACIFIC COAST HWY. BY GOING NORTH ON CORRAL CNTY RD. 5.10 MI TO END OF PAVEMENT & LOCKED GATE. FROM THERE GO 0.90 MI TO FORK IN RD. PARK TRUCK & HIKE UP RIDGE 250'± IN A SOUTHEASTERLY DIRECTION TO STATION.

STATION MARK:

SET A 3/4" I.P. & CAP WITH HOLE DRILLED IN CENTER OF SAME. CAP STAMPED C-29. IT IS 1" ABOVE GROUND WITH A 10' BLACK & WHITE POLE RUMBED OVER IT.

SEE INDEX PAGE #B

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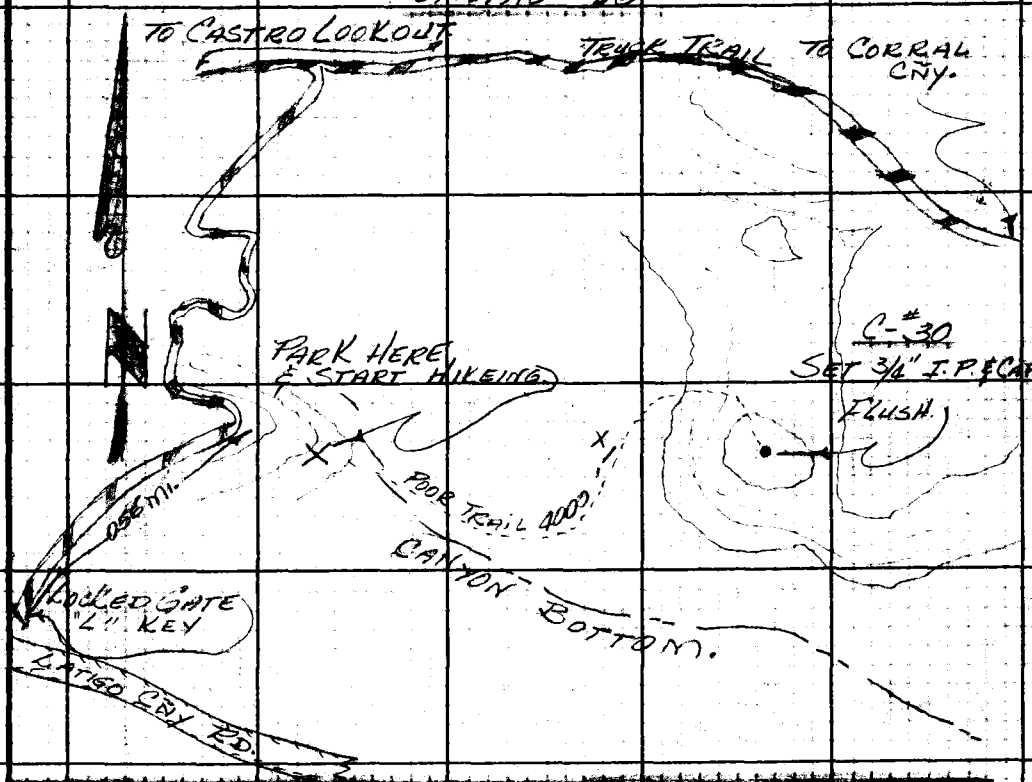
Map No.	JN 030100 Tape — Std. — °F
Office Work	Surveyed by W. S. COWHERD & G. E. DREIER
Checked	Notes C. G. VALDEZ Date 12-5-60
Date	Indexed H. E. OTT DEC 28 '60

CASTRO #30



THIS TRIANGULATION STATION IS ON A RIDGE NEAR THE BOTTOM OF THE VALLEY ABOUT 3000' FT SOUTH OF TRUCK TRAIL AND 4000' EAST FROM TRUCK TRAIL. TO REACH STATION GO N'LY FROM PACIFIC COAST HWY. ON LATIGO CNY RD. 6.8 MI. TO LOCKED GATE ON RIGHT WITH NEWTON PAINTED ON POST. THEN GO N. ON TRUCK TRAIL 0.65 MI TO SPUR AND PARK ON FLAT. HIKE DOWN TO BOTTOM OF CNY ON POOR TRAIL. TO STATION. (25 MIN. HIKE) ± HP. HA

STATION MARK = SET 3/4 I.P. & CAP WITH CENTER DRILLED. STAMPED C-30 WITH A BLACK & WHITE 10' POLE PLUMED ON STATION.

SEE INDEX PAGE #8

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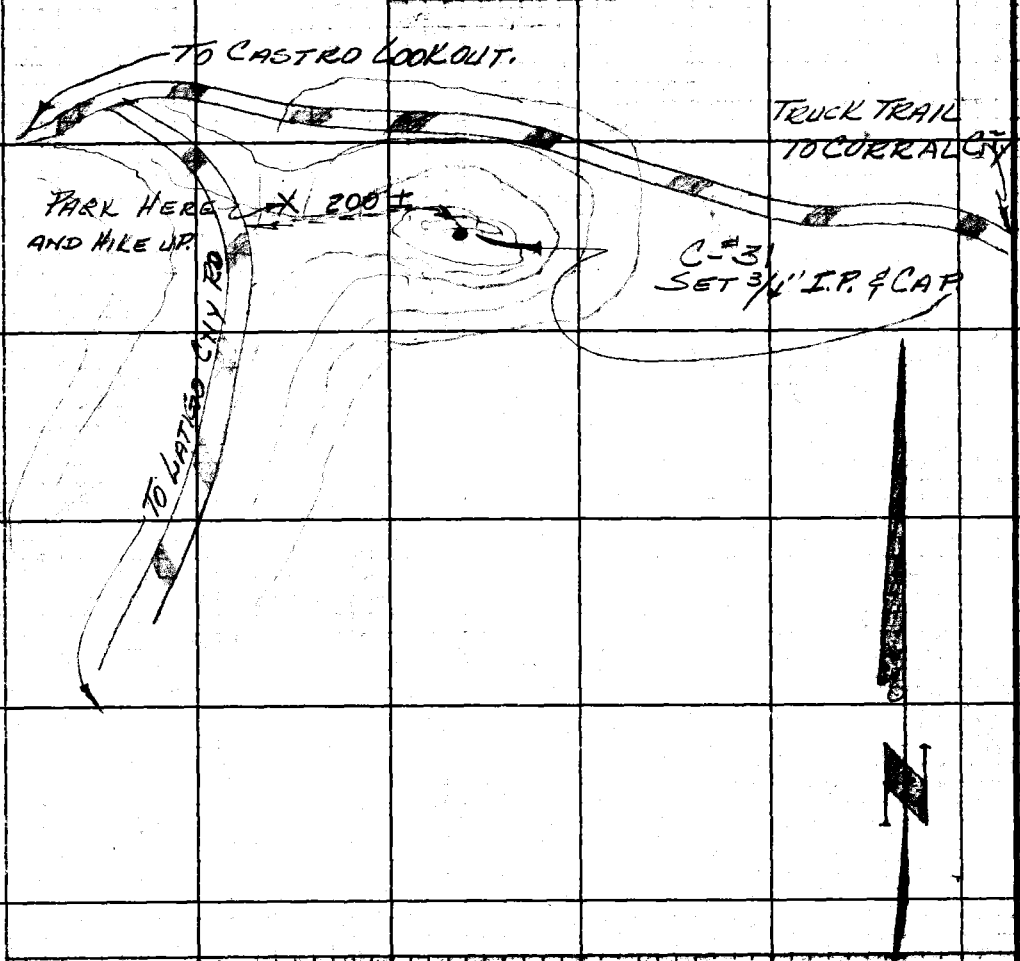
76F309S SEE #247 11-58

F. B. 2639 PG. 44 CASTRO #31



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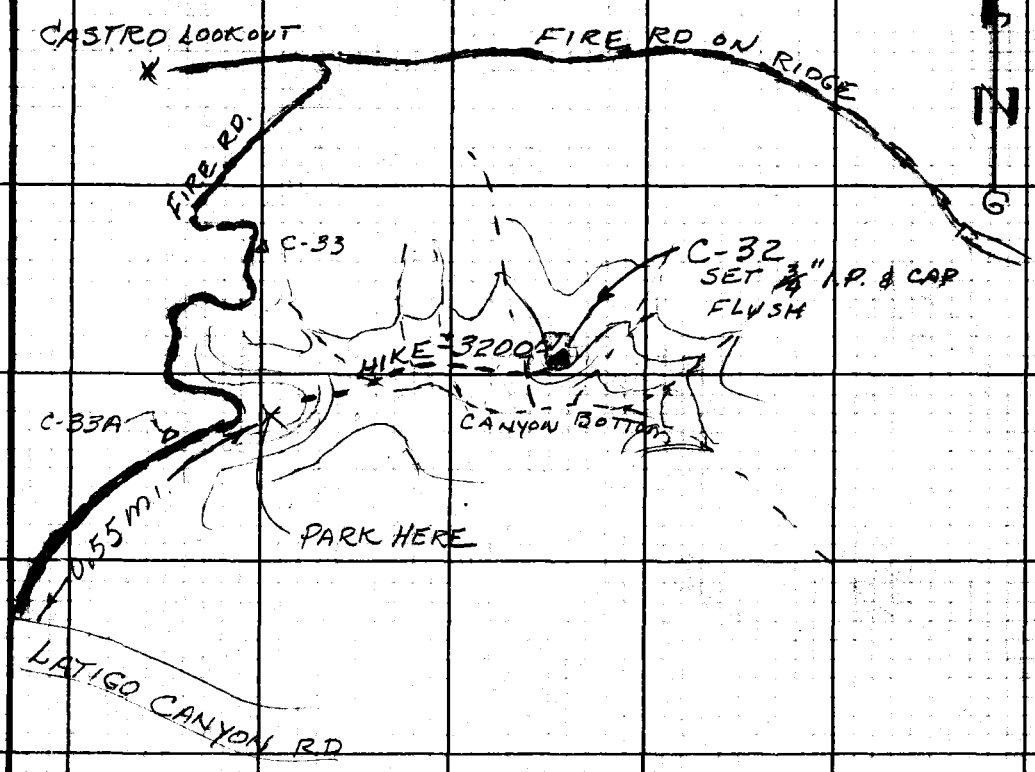
THIS TRIANGULATION STATION IS ON THE SUMMIT OF MAIN RIDGE NEAR THE INTERSECTION OF THE TWO TRUCK TRAILS GOING TO CASTRO PEAK FROM THE EAST SIDE.
TO REACH STATION GO N'LY FROM PACIFIC COAST HWY. ON LATIGO CNY RD 6.8 MI to LOCKED GATE ON RIGHT. WITH (NEWTON') PAINTED ON POST. THEN GO N'LY 1.55 MI. TO FLAT ON RIGHT AN PARK, THEN HIKE 200± TO STATION WHICH IS ON THE S'LY. SIDE OF RIDGE.

STATION MARK = SET 3/4" I. P. & CAP WITH HOLE DRILLED IN CENTER. STAMPED C-#31 WITH a BLACK & WHITE 10' POLE PLUMED ON STATION.

SEE INDEX PAGE 8

Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 2639 PG. 45
Map No.	JN 0301.00 Tape — Std — °F	
Office Work	Surveyed by [redacted]	
Checked	Notes G.E.D Date 10-27-60	
Date	Indexed H. S. OTT DEC 28 '60	

CASTRO # 32



THIS TRIANGULATION STATION IS ON A SPUR RIDGE NEAR THE BOTTOM OF A VALLEY, ABOUT 3500 FT EAST OF CASTRO LOOKOUT AND 2000 FEET SOUTH OF MAIN RIDGE WITH FIRE RD. TO REACH STATION GO N'LY 6.8 MI FROM PAC. COAST HWY ON LATIGO CN. RD, TO A FIRE ROAD TO RIGHT (POST PAINTED "NEWTON") TAKE FIRE ROAD 0.55 MI. AND PARK ON A FLAT ON TOP OF A SPUR RIDGE TO RIGHT. HIKE DOWN RIDGE AND UP LEFT SIDE OF VALLEY BOTTOM TO STATION

STATION MARK:- SET A 3/4" I.P. & CAP, WITH DRILL HOLE STAMPED "C-32". A 10 FT. BLACK & WHITE METAL POLE WAS PLUMBED ON STATION.

SEE INDEX PAGE 8

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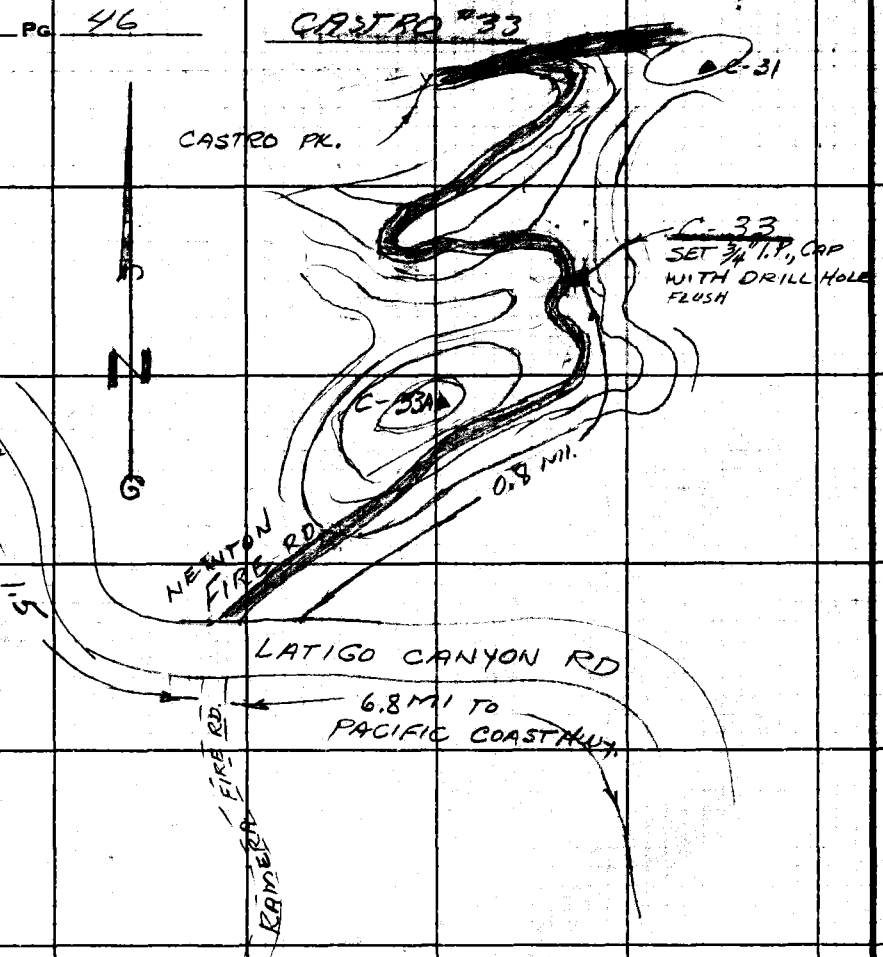
F. B. 2639 PG. 46

CASTRO #33



TRIANGULATION

THIS STATION IS IN L.A.CO., ABOUT 700± FT. S.S'ELY FROM CASTRO PEAK, AND IS 5 FT. E. OF TOP OF CUT BANK OF A FIRE RD., AT NLY END OF A SADDLE OF RIDGE THAT THE FIRE ROAD FOLLOWS, TO ITS JUNCTION WITH LATIGO CANYON RD., OPPOSITE RAMERA FIRE ROAD, ABOUT 6.8 MI. N'LY FROM PACIFIC COAST HWY.

STATION MARK:- SET A 3/4" IRON PIPE AND CAP, WITH DRILL HOLE, STAMPED "C-33" FLUSH

SEE INDEX PAGE 8

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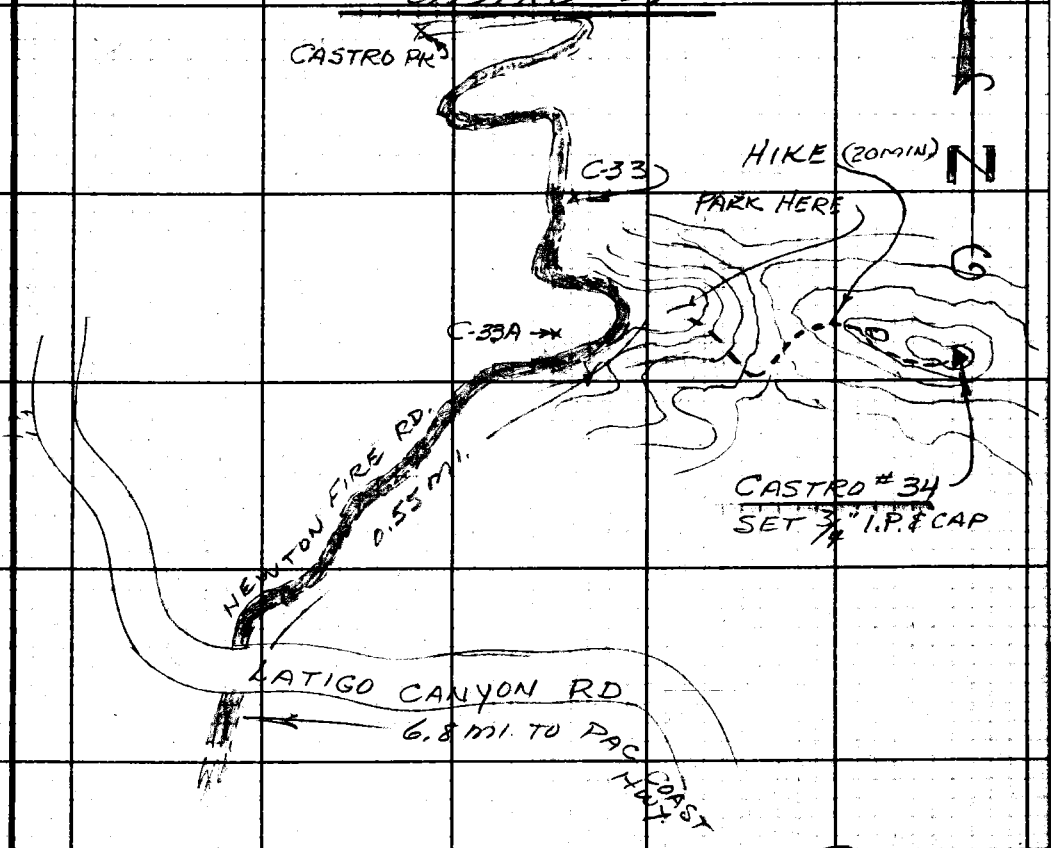
Office Work	Surveyed by W. S. COWHERD & G. E. DREIER
Checked	Notes G.E.D. Date 10-28-60
Date	Indexed H. E. OTT DEC 28 '60

F. B. 2639 PG. 47

CASTRO #34



THIS TRIANGULATION STATION IS ON THE SUMMIT OF A HILL ABOUT 1600 FT. E. OF NEWTON FIRE ROAD (TO CASTRO PK. FROM S.) IN S.W. COR. OF SEC. 16, T1S. R.18 W. TO REACH STATION FROM PAC. COAST HWY. GO N. 6.8 MI. TO NEWTON FIRE RD., TAKE FIRE RD. 0.55 MI. TO A FLAT AT E. END OF A HORSE SHOE CURVE, PARK AND HIKE DOWN RIDGE AND UP RIDGE TO S.E. TO STATION.

STATION MARK SET A 3/4" I.P. & CAP WITH DRILL HOLE STAMPED C-34 FLUSH. SET A 10 FT. BLACK & WHITE METAL POLE PLUMBED ON STATION

SEE INDEX PAGE 8

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F. B. 2639 PG. 48

CASTRO #35

(THIS STATION NOT USED IN NET)

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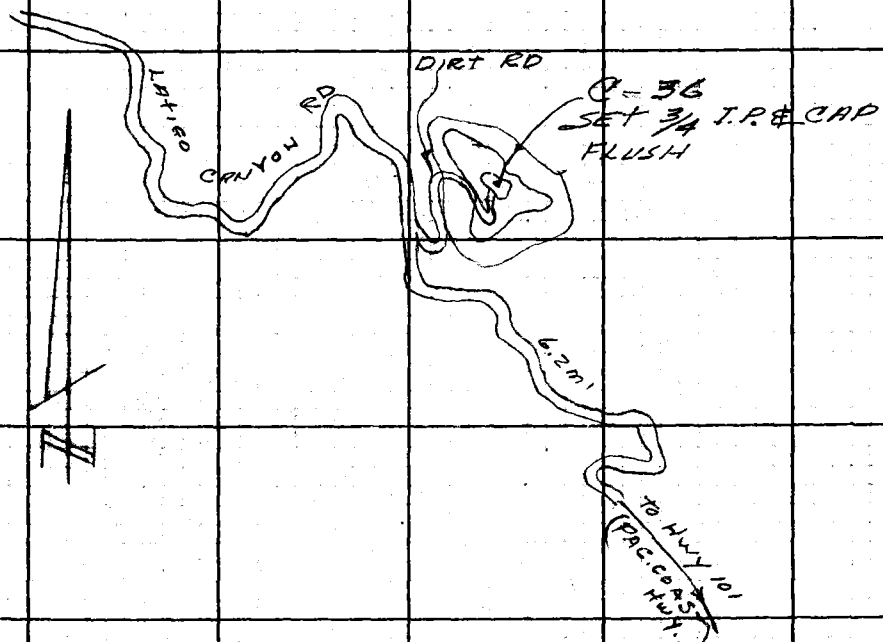
Office Work	Surveyed by W. S. COWHERD & DREIER
Checked	Notes MOODY Date 12-5-60
Date	Indexed H. E. OTT DEC 28 1960

F. B. 2639 PG. 49

CASTRO # 36



THIS TRIANGULATION STATION IS ON SUMMIT OF A HILL NEAR N.E. CORNER OF SEC. 20, T1S, R.18W., TO REACH FROM U.S 101 ALT. GO 6.2 MI. UP LATIGO CYN. RD. N'LY, TO PRIVATE DIRT RD TO THE RIGHT, THEN GO UP DIRT RD 0.15 MI TO STATION.

STATION MARK:

SET A 3/4 I.P. & CAP WITH DRILL HOLE FLUSH STAMPED C-36. SET 10FT BLACK & WHITE METAL POLE PLUMB ON STATION

SEE INDEX PAGE 8

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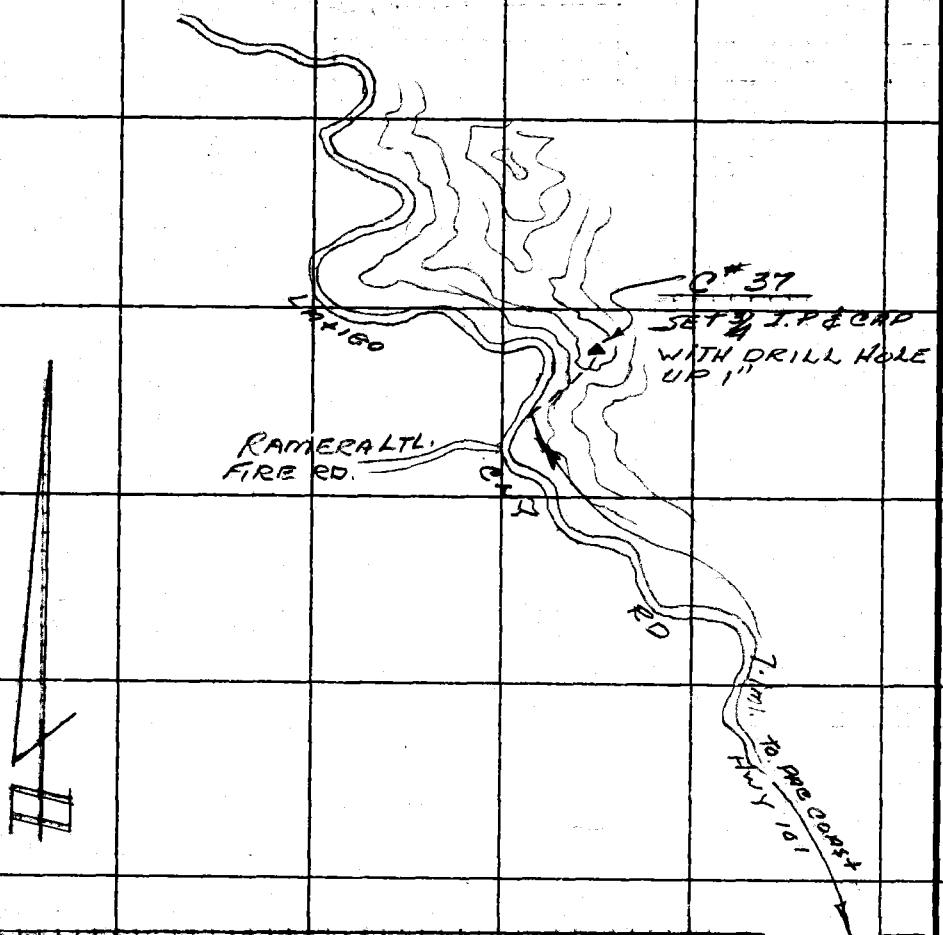
F. B. 239 PG. 50

CASTRO # 37



THIS TRIANGULATION STATION IS ON THE S'LY SLOPE OF A HILL, NEAR CENTER OF S.W. 1/4 OF SEC 17, T1S, R18W, TO REACH THIS STATION FROM PAC. COAST HWY 101. GO UP LATIGO CYN RD 7.1 MI'S, THEN HIKE UP HILL 300'± N.E. TO STATION.

STATION MARKED

SET A 3/4" I.P. & CAP WITH DRILL HOLE UP 1 INCH

STAMPED C-37 SET A ROUND METAL BLACK AND WHITE 10' POLE PLUMB ON STATION

SEE INDEX PAGE 8

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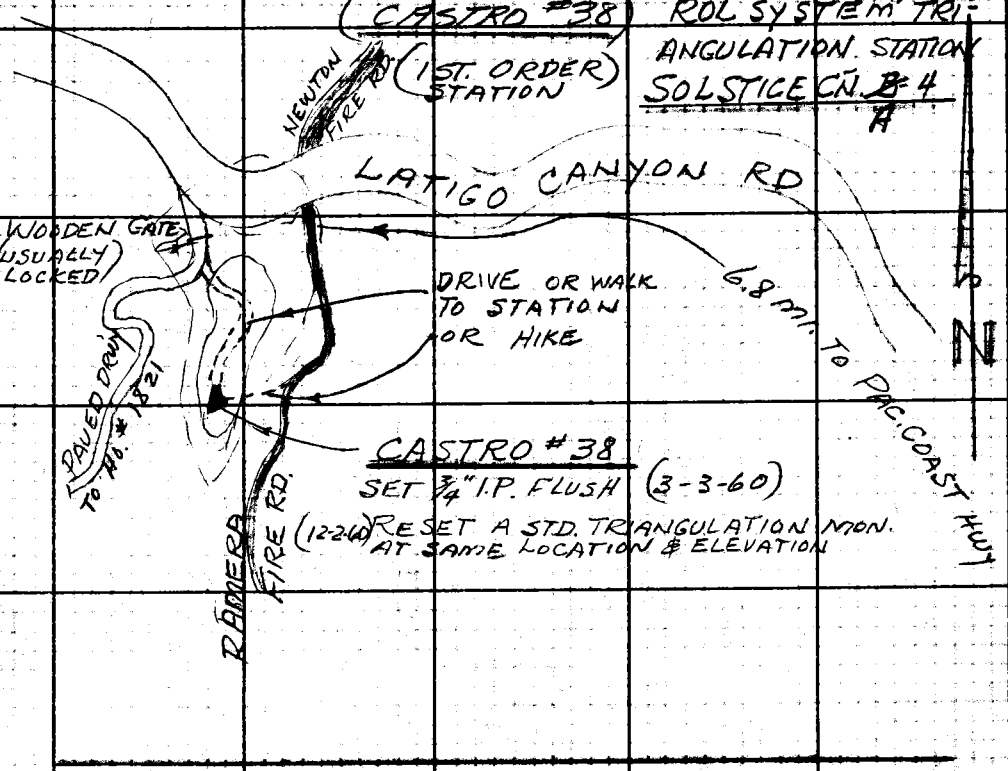
Map No.	JN 0301.00 Tape — Std — °F
Office Work	Surveyed by W. S. COWHERD & DREIER
Checked	Notes G.E.D. Date 12-2-60
Date	Indexed B. E. OTT DEC 2 5 '60

F. B. 2639 PG. 51

L.A.CO. SURVEY CONTROL SYSTEM TRIANGULATION STATION
SOLSTICE CN. ~~B~~ A-4



THIS TRIANGULATION STATION IS ON A RIDGE SOUTH OF LATIGO CANYON ROAD 6.8 MI. N'LY FROM PACIFIC COAST HWY. RIDGE IS LOCATED BETWEEN RAMERA FIRE ROAD AND A PAVED DRIVEWAY TO A HOUSE #1821 AND IS ABOUT 500± FT SOUTH OF LATIGO CANYON RD.

12-2-60 STATION MARK REPLACED 3/4" I.P. WITH A STD. TRIANGULATION MON, STAMPED "SOLSTICE CN. ~~B~~ A-4 1960 L.A.CO.ENGR. RE. 5869" UP 2 INCHES

(3-3-60) STATION MARK:- SET A 3/4" I.P. CAP WITH DRILL HOLE, STAMPED "C 38" UP 1 INCH. SET A 10' TUBULAR BLACK & WHITE METAL POLE PLUMB ON STATION

SEE INDEX PAGE 8

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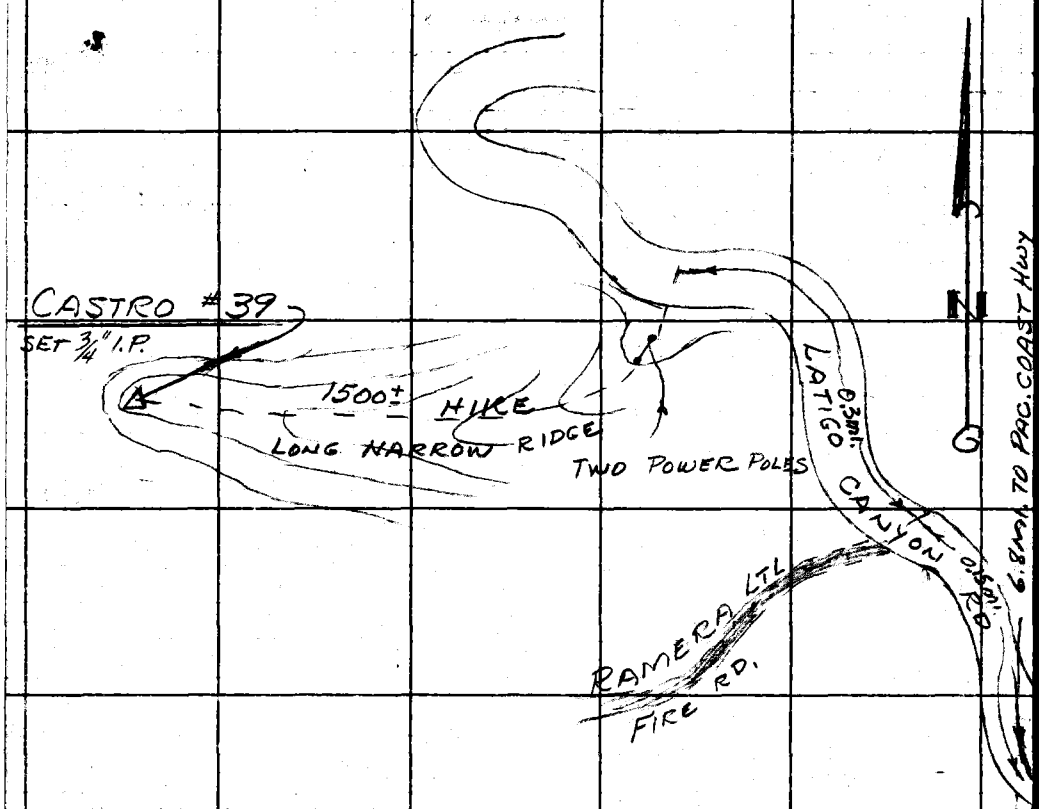
F. B. 2639 PG. 52

CASTRO #39



THIS TRIANGULATION STATION IS ON LONG NARROW RIDGE BETWEEN NEWTON CANYON AND MAIN RIDGE, ABOUT THE CENTER OF THE S.E. 1/4 SEC. 18, T.1S., R.18 W.
TO REACH STATION FROM PAC. COAST HWY. GO 7.3 MI. N'LY. (0.3 MI. PAST 2ND FIRE RD TO W.) TO RIDGE TO WEST WITH TWO POWER POLES CONNECTED TOGETHER BY A CROSSARM. HIKE DOWN RIDGE ABOUT 1500 FT TO STATION

STATION MARK :- SET A 3/4" I.P. CAP WITH DRILL HOLE, STAMPED "C 39" UP 1", SET A 10 FT. TUBULAR BLACK & WHITE METAL POLE PLUMB ON STATION

SEE INDEX PAGE 9

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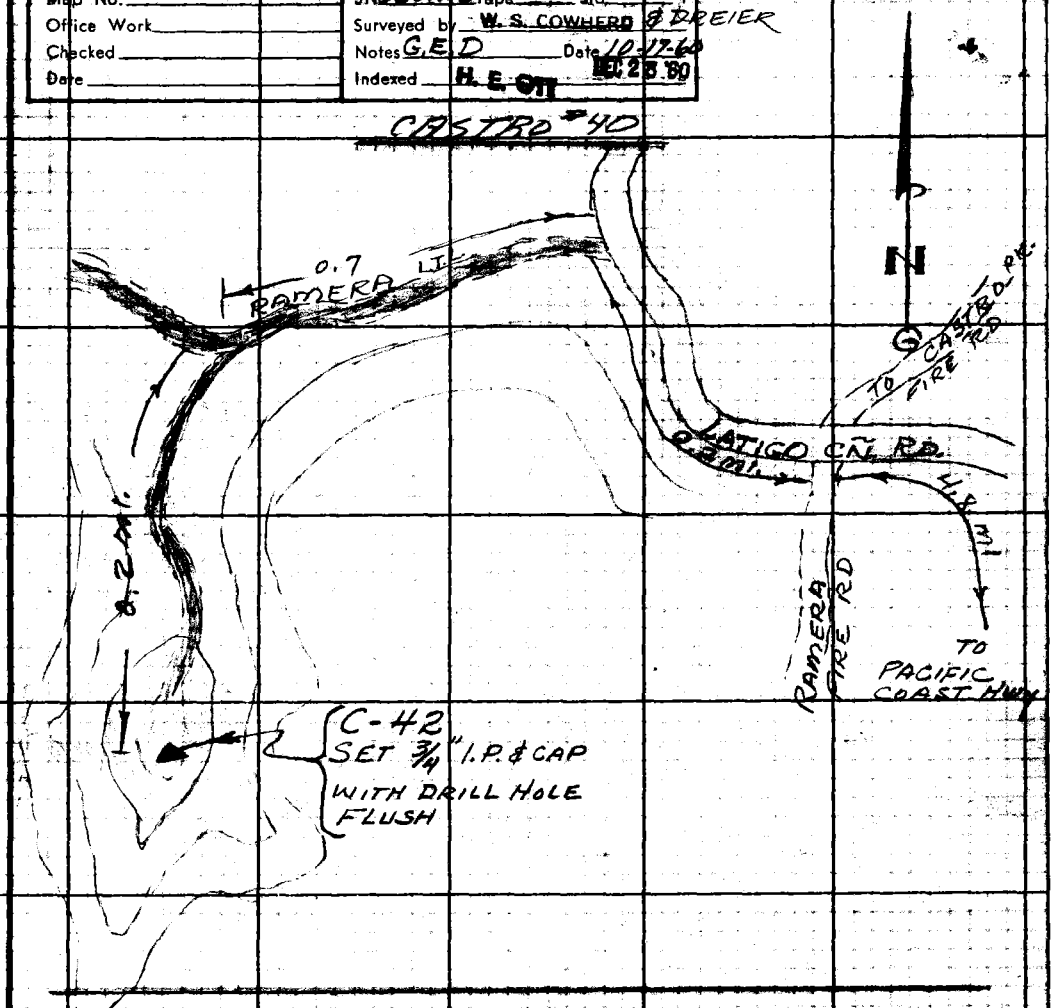
Date	Indexed H. E. OTT	



THIS TRIANGULATION STATION IS ON TOP OF THE FIRST SPUR, TO SOUTH, WEST OF LATIGO CANYON RD, OF MAIN RIDGE BETWEEN RAMERA CANYON AND NEWTON CANYON. TO REACH FROM PACIFIC COAST HWY. GO 7.0 MI. NLY TO 2ND. FIRE ROAD ON W. SIDE OF LATIGO CANYON RD, THROUGH LOCKED CABLE ON "RAMERA LTL." FIRE ROAD 0.7 MI. TO RIDGE & LOCKED CABLE TO SOUTH, GO SOUTH 0.2 MI. TO STATION AT SLY END OF FLAT BEFORE RIDGE DECENDS.

STATION MARK:- SET A 3/4" I.P., CAP WITH DRILL HOLE STAMPED "C-40". SET A 10' TUBULAR BLACK & WHITE POLE PLUMB ON STATION

SEE INDEX PAGE 9

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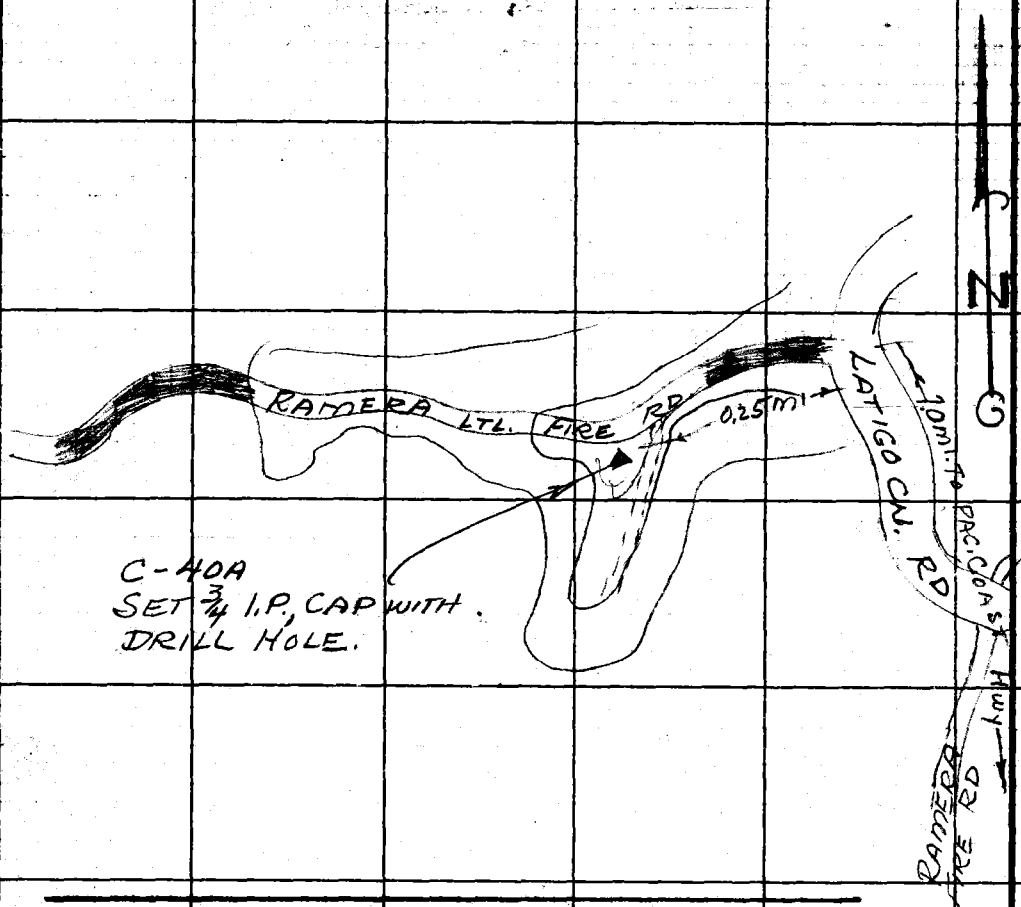
F. B. 2639 PG. 54

CASTRO #40A



TRIANGULATION
THIS STATION IS ON THE TOP OF THE MAIN RIDGE ON SOUTH SIDE OF NEWTON CANYON AND CAN BE REACHED BY GOING 1.0 MI. N. ON LATIGO CANYON ROAD TO 2ND FIRE ROAD TO LEFT, TAKE "RAMERA LTL." FIRE RD. 0.25 MI. TO S.W. TO STATION WHICH IS ABOUT 20 FT. TO S. OF CENTER OF ROAD.

STATION MARK: SET A 3/4" I.P., CAP, WITH DRILL HOLE, STAMPED "C-40A" UP 1 INCH. A 10 FT BLACK & WHITE METAL POLE WAS PLUMBED ON STATION.

SEE INDEX PAGE 9

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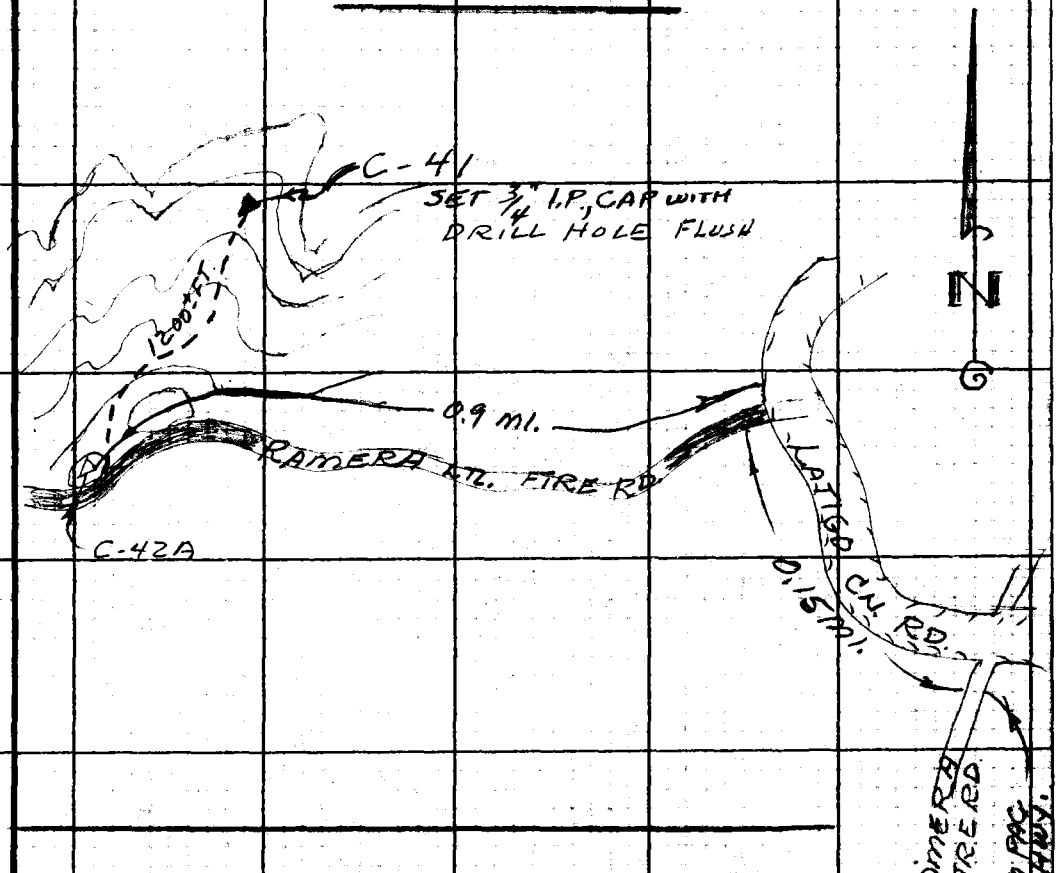
Map No.	JN 030100 Tape — Std — °F	
Office Work	Surveyed by W. S. GOWHERD & DREIER	
Checked	Notes G.E.D Date 10-21-60	
Date	Indexed H. E. OTT	

CASTRO #41



TRIANGULATION
THIS STATION IS ON A N'LY SPUR OF THE MAIN RIDGE ON S. SIDE OF NEWTON CANYON TO REACH, TAKE LATIGO CANYON RD. N'LY FROM PAC. COAST HWY ABOUT 7.0 mi TO 2ND FIRE ROAD TO WEST. TAKE FIRE ROAD 0.9 mi. TO STAT. C-42A. HIKE DOWN RIDGE TO N.E. TO STATION, ABOUT ±1200 FT.

STATION MARK: SET 3/4" I.P., CAP, WITH DRILL HOLE, STAMED "C-41" FLUSH. A 10 FT. BLACK & WHITE METAL POLE WAS PLUMED ON STATION

SEE INDEX PAGE 9

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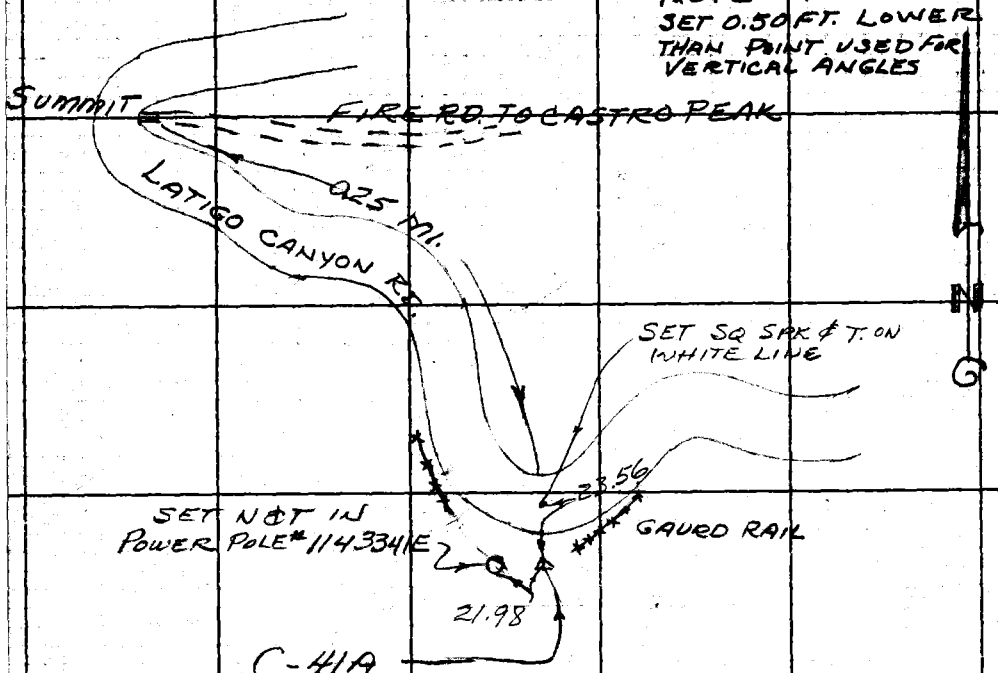
F. B. 2639 PG. 56

CASTRO #41A

NOTE:— THIS STATION SET 0.50 FT. LOWER THAN POINT USED FOR VERTICAL ANGLES



SET 3/4" I.P. WITH DRILL HOLE DN. 8"

TRIANGULATION

THIS STATION IS ON THE SOUTH SIDE OF A CURVE ON LATIGO CANYON ROAD, 8.75 MI. N. OF PACIFIC COAST HWY, 0.25 MI. SOUTH E'LY FROM THE SUMMIT AND DIRT ROAD TO EAST TO CASTRO PEAK, 21.98 FT. E'LY FROM POWER POLE # 1143341E, 23.56 FT. SOUTH OF CENTER OF PAVEMENT.

STATION MARK:— SET A 3/4" I.P. & CAP WITH DRILL HOLE 3 INCHES DEEP

SEE INDEX PAGE 9

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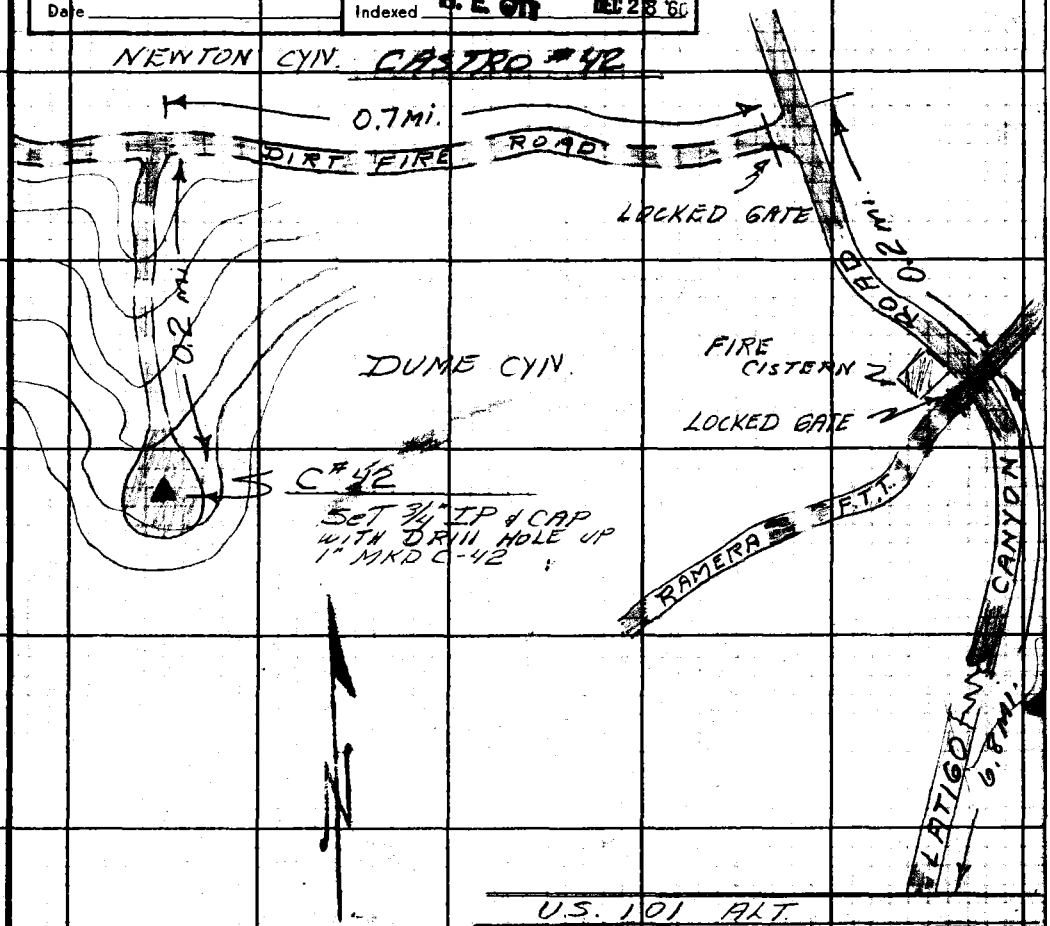
Notes Ck'd by	Survey of CASTRO PK. RD	F. B 2639 PG. 57
Map No.	JN 0075.70 Tape — Std — °F	
Office Work	Surveyed by W. S. COWHERD & DREIER	
Checked	Notes W.S.C. & GED Date 3/11/60	
Date	Indexed H. E. OTT DEC 28 '60	

NEWTON CYN. CASTRO #42



U.S. 101 ALT.

THIS TRIANGULATION STATION IS ON THE TOP OF A SPUR OFF THE MAIN DIVIDING RIDGE BETWEEN DUME CYN. & NEWTON CYN. TO REACH FROM U.S. 101 ALT. GO 7.0 Mi. UP LATIGO CYN. ROAD TO THE 2nd FIRE ROAD ON THE WEST SIDE OF LATIGO CYN ROAD, THROUGH LOCKED GATE ON DIRT FIRE ROAD 0.7 Mi. TO SIDE ROAD. THEN SLY. 0.2 Mi. ON SIDE ROAD ALONG TOP OF SPUR TO TURN AROUND & TRIANGULATION STATION C#42 IN CENTER OF TURN AROUND

STATION MARK: SET A 3/4" IP & CAP WITH DRILL HOLE UP 1" MKD. C-42 SET A 10' ROUND METAL BARBER POLE PLUMB ON STATION

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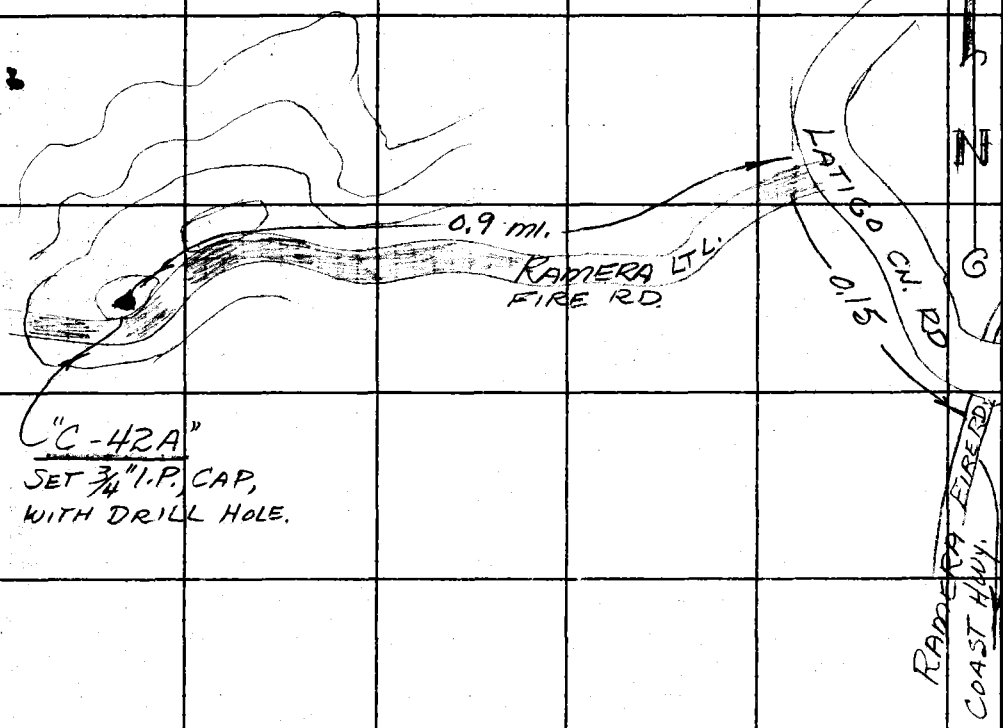
76F309S S&E #247 11-58

F. B. 2632 PG. 58

CASTRO #42A



"C-42A"
SET 3/4" I.P. CAP,
WITH DRILL HOLE.

TRIANGULATION
THIS STATION ON THE MAIN RIDGE SOUTH OF NEWTON CANYON AND CAN BE REACHED FROM PACIFIC COAST HWY BY GOING N'LY 7.0 MILES ON LATIGO CANYON ROAD, TO 2ND. FIRE RD. TO LEFT. TAKE "RAMERA LTL." FIRE RD. 0.9 MI. W'LY TO STATION WHICH IS 5 FT. N. OF ROAD

STATION MARK: - SET A 3/4" I.P. & CAP WITH DRILL HOLE STAMPED "C-42A". SET A 10 FT. BLACK AND WHITE METAL POLE PLUMB ON STATION

SEE INDEX PAGE 9

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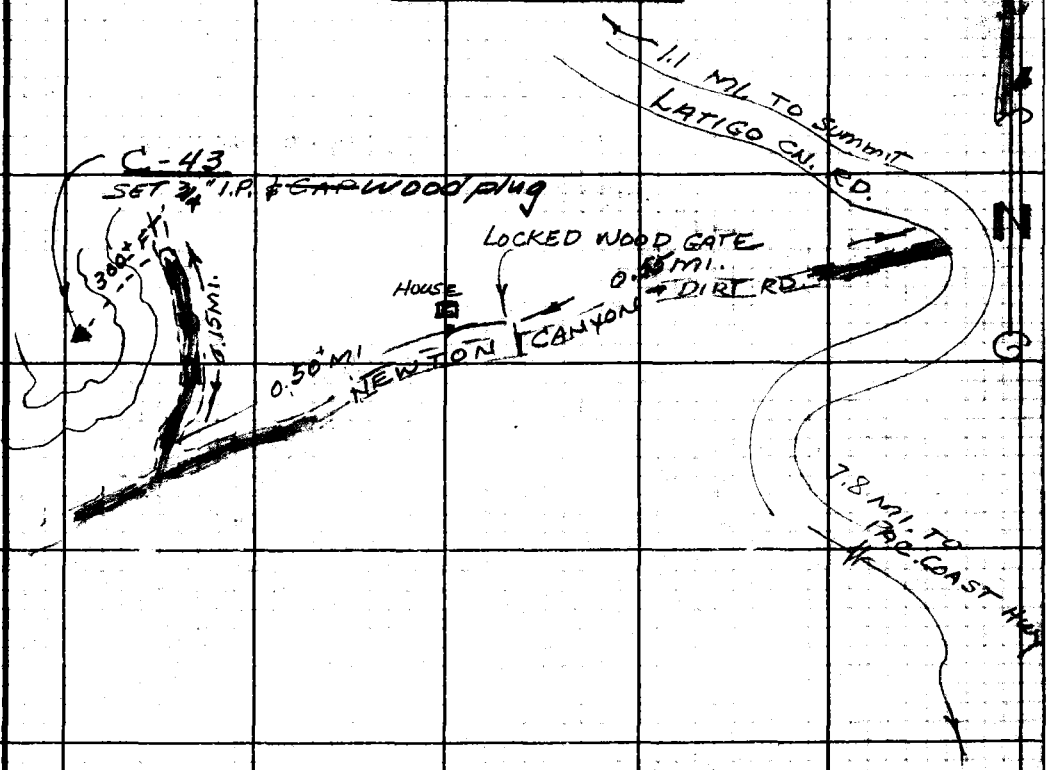
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 030100 Tape — Std — °F
Office Work	Surveyed by W. S. COWHERD & G.E. DREIER
Checked	Notes G.E.D. Date 10-28-60
Date	Indexed H. E. OTT 12-28-60

F. B. 2639 PG. 59

CASTRO #43



TRIANGULATION

THIS STATION CAN BE REACHED FROM PAC COAST HWY BY GOING 7.8 MI. N'LY ON LATIGO CANYON RD TO NEWTON CANYON RD., TURN DOWN NEWTON CANYON AND GO 0.55 MI. TO A LOCKED GATE, PROCEED THROUGH WORTHINGTON RANCH 0.5 MI., S.W'LY FROM GATE AND TURN SHARP RIGHT ON A DIRT RD TO N. GO 0.1 MI N'LY & PARK BY A BURNT BUILDING AT A CLEARING. PARK AND HIKE UP RIDGE TO S.W. ABOUT 300 FT TO STATION.

STATION MARK. - SET A 3/4" I.P. WITH WOOD PLUG, WITH A 10' BLACK & WHITE METAL POLE PLUMBED ON STATION.

SEE INDEX PAGE 9

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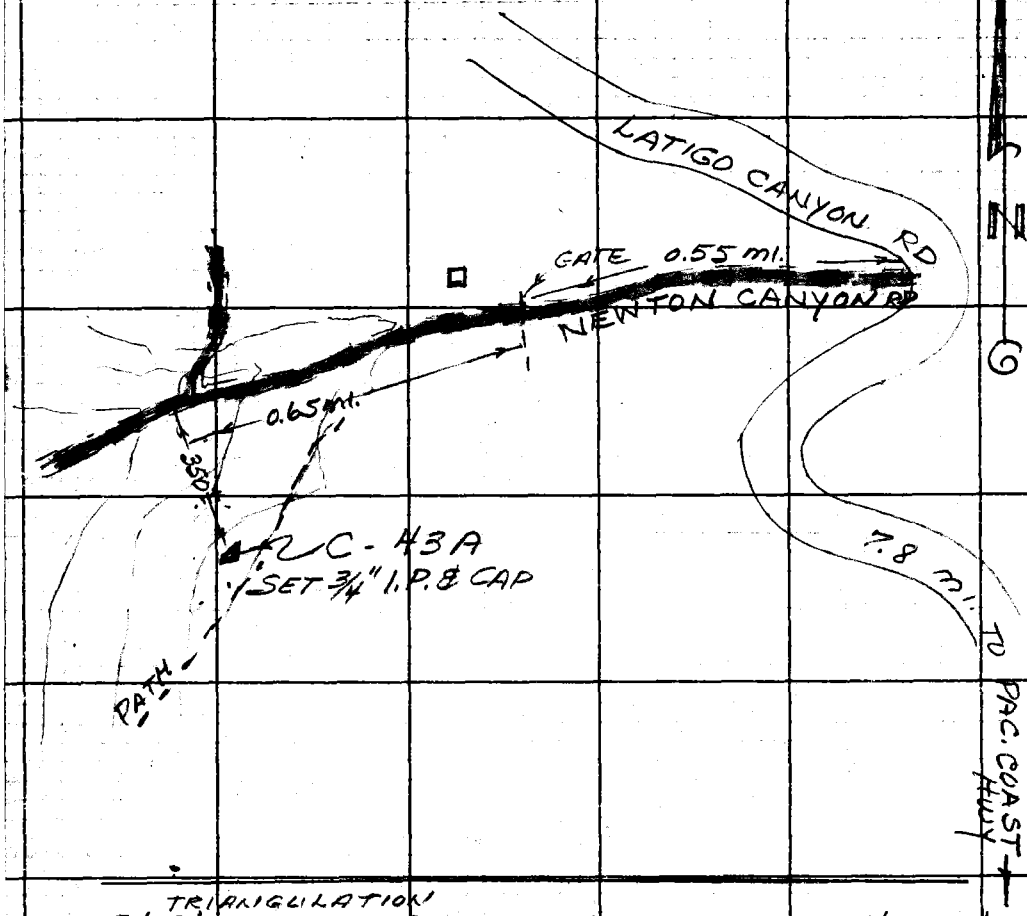
76F3095 SBE #247 11-58

F. B. 2639 PG. 60

CASTRO # 43A



THIS TRIANGULATION STATION IS NEAR THE BOTTOM OF NEWTON CANYON, 1.2 MI. S.W'LY FROM LATIGO CANYON ROAD AND IS IN A GRASSY SLOPE ABOUT 350 FT. S.E. OF THE DIRT ROAD

STATION MARK:- SET A 3/4" I.P. WITH CAP AND DRILL HOLE UP 1" STAMPED C 43A. A 10 FT BLACK AND WHITE METAL POLE WAS PLUMBED ON STATION

SEE INDEX PAGE 9

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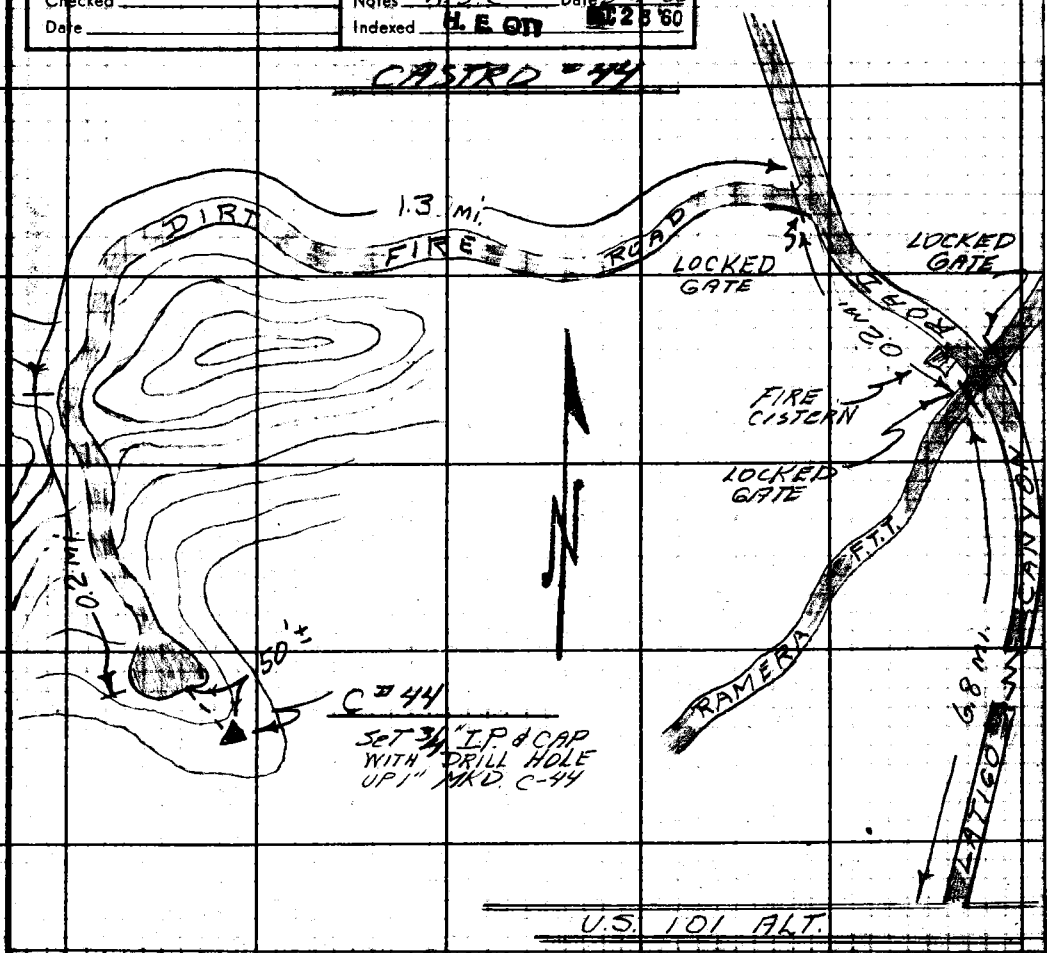
Notes Ck'd by	Survey of CASTRO PK. RD.
Map No.	JN0075.72 Tape — Std — °F
Office Work	Surveyed by W. S. COWHERD & DREIER
Checked	Notes W.S.C. Date 3-11-60
Date	Indexed H. E. OTT MAR 28 '60

F. B. 2639 PG. 61

CASTRO #44



THIS TRIANGULATION STATION IS ON THE TOP OF A SIDE SPUR 0.2 MI SLY. OF SADDLE IN MAIN DIVIDING RIDGE BETWEEN DUME CYN. & NEWTON CYN. TO REACH FROM U.S. 101 ALT. GO 7.0 mi. UP LATIGO CYN. ROAD TO THE 2ND FIRE ROAD ON THE WEST SIDE OF LATIGO CYN. ROAD. THROUGH LOCKED GATE ON DIRT FIRE ROAD 1.3 mi. TO SADDLE IN DIVIDING RIDGE THEN 0.2 mi SLY TO END OF ROAD. TRIANGULATION STATION C-44 IS 50'± SLY. FROM END OF ROAD ON TOP OF SPUR.

STATION MARK : SET A 3/4" IP & CAP WITH DRILL HOLE UP 1" MKD C-44 SET A 10' ROUND METAL BARBE POLE PLUMB ON STATION

SEE INDEX PAGE #9

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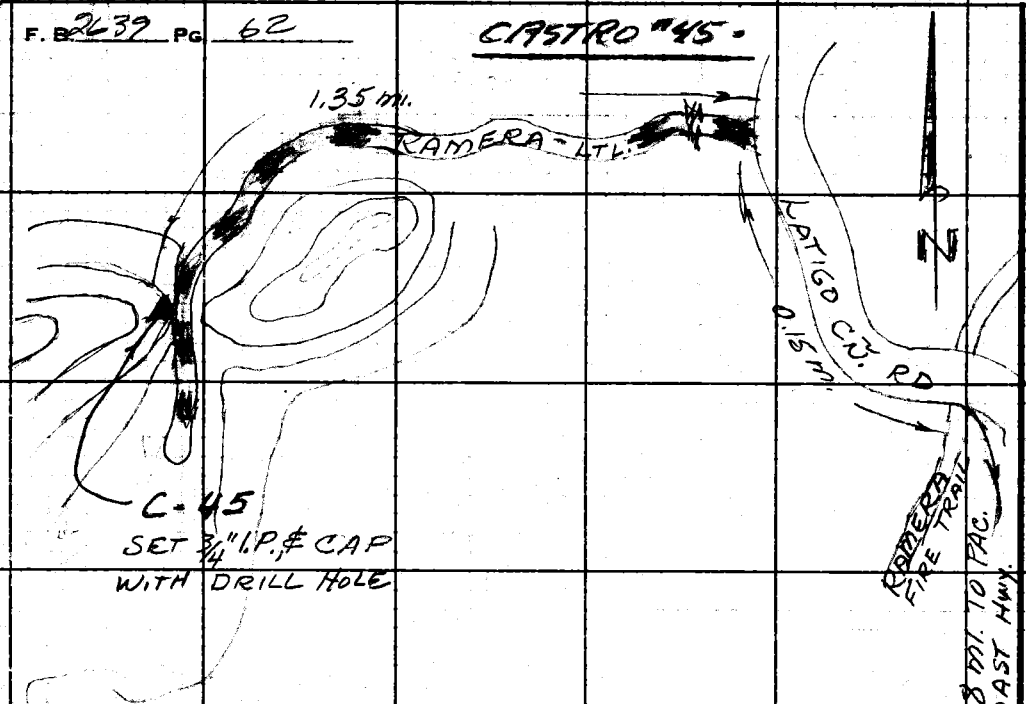
76F309S S&E #247 11-58

F. B. 2639 PG. 62

CASTRO #45.



TRIANGULATION

THIS STATION IS IN THE SADDLE OF THE MAIN RIDGE ON SOUTH SIDE OF NEWTON CANYON, 1.3 MI. WEST OF LATIGO CANYON ROAD ON RAMERA LTL. FIRE ROAD WHICH IS ABOUT 6.8 MI. N. OF PACIFIC COAST. THE STATION IS 10 FT. W. OF AND 4 FT. HIGHER THAN FIRE ROAD AS IT LEAVES SADDLE TO S.

STATION MARK: SET A 3/4" I.P. AND CAP, WITH DRILL HOLE, STAMPED "C-45" A TEN FOOT BLACK AND WHITE METAL POLE WAS PLUMB ON STATION

SEE INDEX PAGE 9

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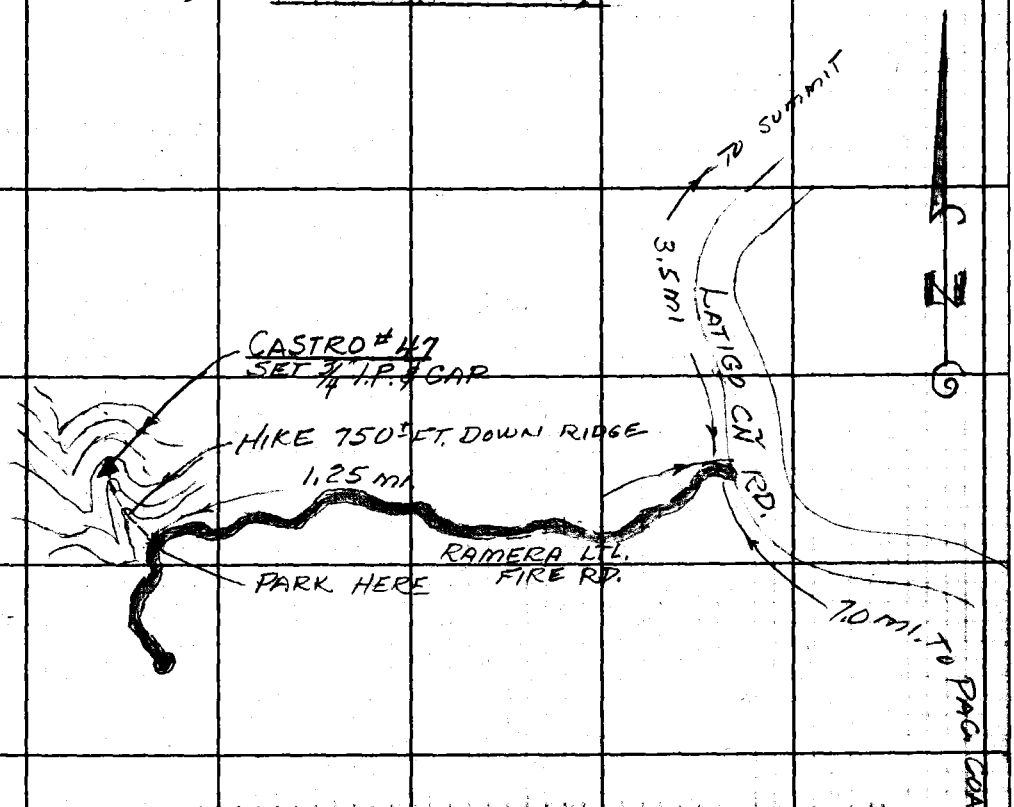
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN0301-00 Tape — Std — °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 10-27-60
Date	Indexed H. E. Ott DEC 28 '60

F. B. 2639 Pg. 63

(C-46 NOT SET) CASTRO #47



THIS TRIANGULATION STATION IS ON A SPUR RIDGE TO N.W. FROM MAIN RIDGE ON SOUTH SIDE OF NEWTON CANYON, NEAR S.W. COR. OF SEC. 18, T. 1 S. R. 18 W. TO REACH STATION FROM PAC. COAST HWY. GO 7.0 MI. N'LY ON LATIGO CANYON RD. TO RAMERA LTL. FIRE RD., GO W'LY ON FIRE RD 1.25 MI. TO A CURVE TO LEFT. PARK AND HIKE DOWN RIDGE TO N.W. ABOUT 750± FT. TO STATION

STATION MARK:- SET 3/4" I.P. & CAP WITH DRILL HOLE UP 2 INCHES. SET A 10 FT BLACK & WHITE 1" METAL POLE PLUMB ON STATION.

SEE INDEX PAGE 9

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76F3095 SBE #247 11-58

F. B. 2639 PG 64

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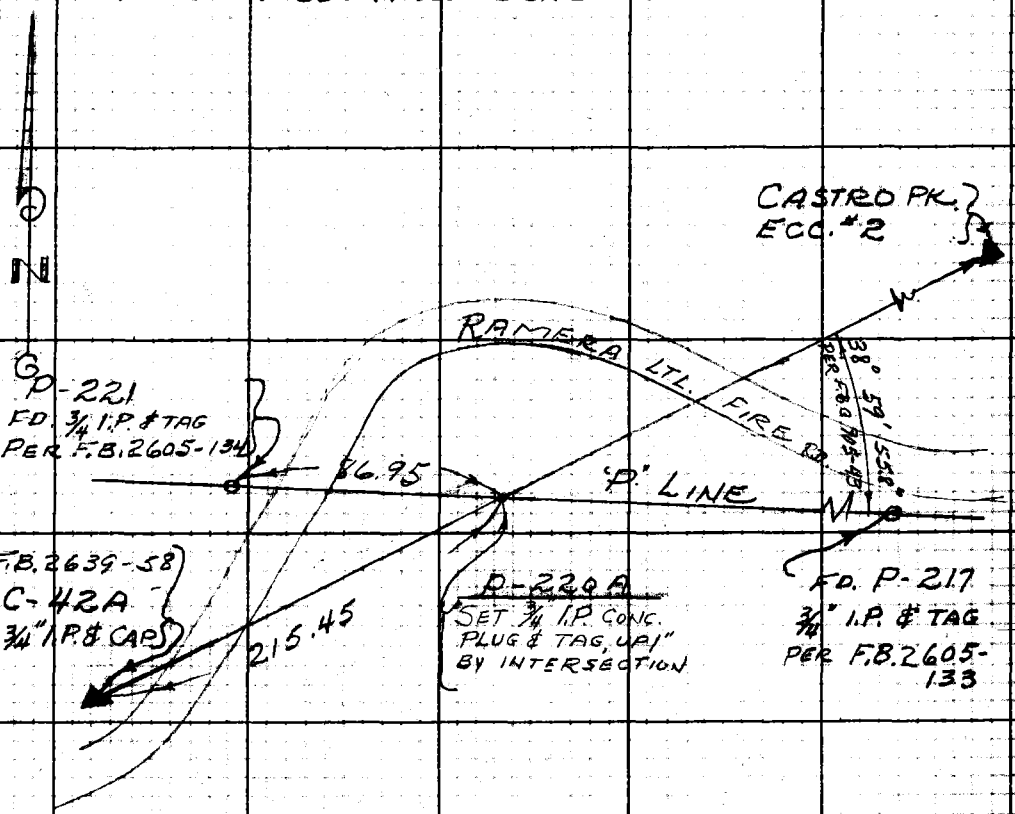
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape #84 Std. 84° °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 12-7-60
Date	Indexed H. E. ON DEC 28 60

F. B. 2639 PG. 65

CADASTRAL TIE, CASTRO PEAK ROAD "P" LINE TO TRIANGULATION SCHEME



TAPE #84 STD. @ 84°

125.55 @ 62° LEVEL = 125.53
88.11 @ 62° = 88.10 @ 8° 29' = 87.14
87.95 " " = 87.94 @ 7° 48' = 87.13
2.79 @ 62° = 2.79 LEVEL

125.53
87.13
2.79
215.45

48.10 @ 62° = 48.09 @ 14° 41' = 46.52
47.96 @ 62° = 47.95 @ 14° 01' = 46.52
40.44 " " = 40.43 LEVEL

46.52
40.43
86.95

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763095 CE #247—7-53

F. B. 2639 PG. 66

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Notes Ck'd by	Survey of CASTRO PEAK RD.
Map No.	JN 0779.20 Tape Std °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date NOV DEC '62
Date	Indexed G. L. GALLI MAR 2 9 '63

F. B. 2639 PG. 67

CASTRO PEAK ROAD

J.N. 0779.20

BENCH LEVELS

ON

"P" LINE WEST

FRIM

B.M.C.P.-3 TO "P" 134 TO B.M.C.P.-10

REF. -

F.B. 2605

J.P. MENNE

W. J. VOGE

R. GILFOY

I. RANGEL

R. SWANN

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76F309S CE # 310 2-61

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F. B. 2639 PG. 69

NOTES RED. _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MENNE
NOTES CHKD. _____ NOTES BY J.P.M DATE 11-14-62
DATE _____ INDEXED E. J. GALLI DATE _____

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DESCRIPTION

CASTRO PEAK ROAD

J.N. 0779.20

BENCH LEVELS

ADJ. ELEV.

KERN B.M.C.P.-3 TO B.M.C.P.-10

3RD RUN

LEVEL NO. G.K. 1-A — P-36 TO P-116
ZEISS LEVEL N.I.2 — P-116 TO P-133
RODS NO. 21 & 22

2ND RUN

DIFF.

REF. - F.B. 2605

J.P. MENNE
W. J. VOGE
R. GILFOY

1ST RUN

I. RANGEL
R. SWANN

B.M.

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765420 S & E-333 4-54

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.C.P.-3	697.428				697.428	B.M.C.P.-3 UNADJUSTED EL.= 697.428
	10.840		11.051			FD. STD. C.E. MON. — WEST SIDE OF SPUR
	708.268	+10.446	+10.448	+10.447		BETWEEN TWO LG. BOULDERS. 50'± FROM
	.394		0.603			BOTTOM OF DRAW — 25' EASTERLY FROM
T.P.	707.874				707.875	SPLIT FORK OAK — F.B. 2605-31-45
	11.300		11.557			
	719.174	+9.299	+9.299	+9.299		
	2.001		2.258			
T.P.	717.173				717.174	
	10.685		10.629			
	727.858	+9.149	+9.150	+9.149		
	1.536		1.479			
T.P.	726.322				726.323	
	10.518		10.591			
	736.840	+8.830	+8.831	+8.831		
	1.688		1.760			
T.P.	735.152				735.154	
	11.062		11.245			
	746.214	+9.592	+9.589	+9.590		
	1.470		1.656			
T.P.	744.744				744.744	
	6.776		6.624			
	751.520	+4.788	+4.789	+4.789		
	1.988		1.835			
T.P.	749.532				749.533	
	10.700		10.793			
	760.232	+10.016	+10.016	+10.016		
	0.684		0.777			
T.P.	759.548				759.549	

JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 11-14-62 NOTES CHKD.
INDEXED R. J. GALLI DATE DATE

B2639 PG 70

765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	759.548					
	11.680		11.632			
	771.228	+11.196	+11.197	+11.196		
	0.484		0.435			
T.P.	770.744				770.745	
	11.228		11.250			
	781.972	+10.639	+10.637	+10.638		
	0.589		0.613			
T.P.	781.383				781.383	
	10.255		10.160			
	791.638	+8.799	+8.800	+8.799		
	1.456		1.360			
T.P.	790.182				790.182	
	11.414		11.621			
	801.596	+10.736	+10.737	+10.736		
	0.678		0.884			
T.P.	800.918				800.918	
	11.554		11.523			
	812.472	+11.050	+11.049	+11.050		
	0.504		0.474			
T.P.	811.968				811.968	
	11.082		10.838			
	823.050	+10.380	+10.382	+10.381		
	0.702		0.456			
T.P.	822.348				822.349	
	11.473		11.705			
	833.821	+11.082	+11.081	+11.082		
	0.391		0.624			
T.P.	833.430				833.431	

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MENNE
NOTES CHKD _____ NOTES BY C.P.M. DATE 11-15-62
DATE _____ INDEXED E. J. GALLI DATE _____

F.B. 2659 PG. 74

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	833.430					
	11.445		11.630			
	844.875	+11.226	+11.227	+11.226		
	0.219		0.403			
T.P.	844.656				844.657	
	11.341		11.506			
	855.997	+10.168	+10.171	+10.169		
	1.173		1.335			
T.P.	854.824				854.826	
	10.233		10.327			
	865.057	+9.948	+9.950	+9.949		
	0.285		0.377			
T.P.	864.772				864.775	
	11.800		11.975			
	876.572	+11.630	+11.628	+11.629		
	0.170		0.347			
T.P.	876.402				876.404	
	11.214		11.101			
	887.616	+10.431	+10.431	+10.431		
	0.783		0.670			
T.P.	886.833				886.835	
	11.955		11.882	11.828		
	898.788	+11.549	+11.544	+11.549		
	0.406		0.338	0.279		
T.P.	898.382				898.384	
	10.105		10.174			
	908.487	+9.434	+9.437	+9.435		
	0.671		0.737			
T.P.	907.816				907.819	

JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M DATE 11-15-62 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2639 PG. 72

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	907.816					
	11.765		11.984			
	919.581	+11.181	+11.180	+11.181		
	0.584		0.804			
T.P.	918.997				919.000	
	10.903		10.963			
	929.900	+10.506	+10.509	+10.508		
	0.397		0.454			
T.P.	929.503				929.508	
	10.203		10.080			
	939.706	+9.716	+9.716	+9.716		
	0.487		0.364			
T.P.	939.219				939.224	
	11.445		11.598			
	950.664	+11.163	+11.163	+11.163		
	0.282		0.435			
T.P.	950.382				950.387	
	11.453		11.351			
	961.835	+10.846	+10.845	+10.846		
	0.607		0.506			
T.P.	961.228				961.233	
	11.400		11.568			
	972.628	+11.212	+11.211	+11.212		
	0.188		0.357			
T.P.	972.440				972.445	
	11.647		11.779			
	984.087	+11.324	+11.322	+11.323		
	0.323		0.457			
T.P.	983.764				983.768	

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MENNR
NOTES CHKD. _____ NOTES BY J.P.M. DATE 11-15-62
DATE _____ INDEXED E.J. GALLI DATE _____

F.B. 2639 Pg. 73

76S420 S & E-353 4-54

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED
SURVEY BY J.P. MENZIE DATE
NOTES BY J.P.M. DATE 1-15-62 NOTES CHKD.
INDEXED E. J. GALL DATE DATE

F.B. 2639 Pg. 74

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	983.764					
	11.463		11.676			
	995.227	+10.616	+10.613	+10.615		
	0.847		1.063			
T.P.	994.380				994.383	
	11.166		10.918			
	1005.546	+10.437	+10.435	+10.436		
	0.729		0.483			
T.P.	1004.817				1004.819	
	10.794		10.971			
	1015.611	+9.142	+9.141	+9.141		
	1.652		1.830			UNADJUSTED
(FD) △-C-8	1013.959				1013.959	△-C-8 FD 3/4" I.P. & CAP. MKD. C-8
	10.698		10.780		1013.960	TOP RIDGE F.B. 2639-20
	1024.657	+9.324	+9.323	+9.324		
	1.374		1.457			
T.P.	1023.283				1023.284	
	11.507		11.733			
	1034.790	+11.053	+11.050	+11.052		
	0.454		0.683			
T.P.	1034.336				1034.336	
	11.489		11.608			
	1045.825	+9.388	+9.387	+9.388		
	2.101		2.221			
T.P.	1043.724				1043.724	
	11.673		11.651			
	1055.397	+11.210	+11.213	+11.211		
	0.463		0.438			
T.P.	1054.934				1054.935	

768420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1054.934					
	11.301		11.540			
	1066.235	+11.087	+11.089	+11.088		
	0.214		0.451			
T.P.	1066.021				1066.023	
	11.444		11.529			
	1077.465	+11.025	+11.026	+11.025		
	0.419		0.503			
T.P.	1077.046				1077.048	
	11.465		11.367			
	1088.511	+11.031	+11.031	+11.031		
	0.434		0.336			
T.P.	1088.077				1088.079	
	11.885		11.980			
	1099.962	+11.420	+11.418	+11.419		
	0.465		0.562			
T.P.	1099.497				1099.498	
	11.688		11.617			
	1111.185	+11.086	+11.083	+11.084		
	0.602		0.534			
T.P.	1110.583				1110.582	
	11.004		10.922			
	1121.587	+10.609	+10.608	+10.609		
	0.395		0.314			
T.P.	1121.192				1121.191	
	11.422		11.490			
	1132.614	+10.676	+10.675	10.675		
	0.746		0.815			
T.P.	1131.868				1131.866	

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MENNE
NOTES CHKD. _____ NOTES BY J.P.M. DATE 11-15-62
DATE _____ INDEXED S.J. GALLI DATE _____

F.B. 2639 PG. 75

765420 S & E-353 4-54

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
SURVEY BY J.P. MENDES
NOTES BY J.P.M. DATE 11-15-67
INDEXED E. J. CALL DATE
NOTES RED. DATE
NOTES CHKD DATE

F.B. 2639 PG. 76

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.			DESCRIPTION		
T.P.	1131.868				1131.866					
	11.964		11.845							
	1143.832	+11.150	+11.151	+11.150						
	0.814		0.694							
T.P.	1143.018				1143.016					
	11.599		11.760							
	1154.617	+11.293	+11.293	+11.293						
	0.306		0.467							
T.P.	1154.311				1154.309					
	11.789		11.711							
	1166.100	+11.373	+11.373	+11.373						
	0.416		0.338							
T.P.	1165.684				1165.682					
	11.684		11.608							
	1177.368	+11.079	+11.081	+11.080						
	0.605		0.527							
T.P.	1176.763				1176.762					
	11.645		11.574							
	1188.408	+10.956	+10.954	+10.955						
	0.689		0.620							
T.P.	1187.719				1187.717					
	11.255		11.434	11.328						
	1198.974	+10.757	+10.762	10.755						
	0.498		0.672	0.573						
T.P.	1198.476				1198.474					
	11.141		11.014							
	1209.617	+10.819	+10.819	+10.819						
	0.322		0.195							
T.P.	1209.295				1209.293					

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NOTES RED _____ JOB NO 0779.20 SURVEY OF CASTRO PEAK RD
DATE _____ SURVEY BY J.P. MENNE
NOTES CHKD _____ NOTES BY J.P.M. DATE 11-15-62
DATE _____ INDEXED R. J. GALL DATE _____

F. B. 2639 Pg. 77

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1209.295				1209.293	
	11.312		11.224			
	1220.607	+ 9.928	+ 9.929	+9.928		
	1.384		1.295			
T.P.	1219.223				1219.221	
	11.493		11.652			
	1230.716	+ 11.183	+ 11.186	+11.184		
	0.310		0.466			
T.P.	1230.406				1230.405	
	11.553		11.458			
	1241.959	+ 9.575	+ 9.574	+9.575		
	1.978		1.884			
T.P.	1239.981				1239.980	
	10.467		10.362			
	1250.448	+10.004	+10.005	+10.004		
	0.463		0.357			
T.P.	1249.985				1249.984	
	10.663		10.886			
	1260.648	+10.457	+10.458	+10.457		
	0.206		0.428			
T.P.	1260.442				1260.441	
	11.584		11.799			
	1272.026	+11.056	+11.056	+11.056		
	0.528		0.743			
T.P.	1271.498				1271.497	
	11.830		11.685			
	1283.328	+11.204	+11.204	+11.204		
	0.626		0.481			
T.P.	1282.702				1282.701	

765420 S & E-353 4-54

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 11-15-62 NOTES CHKD
INDEXED R. J. GALL DATE DATE

F.B. 2639 PG. 78

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1282.702				1282.701	
	11.558		11.602			
	1294.260	+10.730	+10.728	+10.729		
	0.828		0.874			
T.P.	1293.432				1293.430	
	11.775		11.974			
	1305.207	+11.587	+11.586	+11.586		
	0.188		0.388			
T.P.	1305.019				1305.016	
	10.948		10.887			
	1315.967	+10.643	+10.646	+10.644		
	0.305		0.241			
T.P.	1315.662				1315.660	
	11.489		11.763			
	1327.151	+11.259	11.260	+11.259		
	0.230		0.503			
T.P.	1326.921				1326.919	
	11.319		11.275			
	1338.240	+11.034	+11.036	+11.035		
	0.285		0.239			
T.P.	1337.955				1337.954	
	11.783		11.722			
	1349.738	+11.520	+11.519	+11.519		
	0.263		0.203			
T.P.	1349.475				1349.473	
	11.469		11.413			
	1360.944	+10.727	+10.728	+10.727		
	0.742		0.685			
T.P.	1360.202				1360.200	

765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	1360.202				1360.200	
	10.861		10.647			
	1371.063	+10.203	+10.202	+10.203		
	0.658		0.445			
T.P	1370.405				1370.403	
	9.417		9.316			
	1379.822	+4.288	+4.288	+4.288		
	5.129		5.028			
T.P.	1374.693				1374.691	
	5.234		5.478			
	1379.927	+2.614	+2.614	+2.614		
	2.620		2.864			
T.P.	1377.307				1377.305	
	11.448		11.482			
	1388.755	+11.235	+11.238	+11.236		
	0.213		0.244			
T.P.	1388.542				1388.541	
	11.058		10.869			
	1399.600	+10.553	+10.553	+10.553		
	0.505		0.316			
T.P.	1399.095				1399.094	
	10.914		10.818			
	1410.009	+9.801	+9.802	+9.801		
	1.113		1.016			
T.P.	1408.896				1408.895	
	11.997		11.959			
	1420.893	+11.455	+11.454	+11.454		
	0.542		0.496			
T.P.	1420.351				1420.349	

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MENNR
NOTES CHKD. _____ NOTES BY J.P.M. DATE 11-15-62
DATE _____ INDEXED R. J. GALLI DATE _____

F.B. 2639 PG. 79

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 11-16-62 NOTES CHKD
INDEXED E. J. GALLI DATE DATE

F.B. 2639 Pg. 80

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1420.351				1420.349	
	11.462		11.315			
	1431.813	+10.850	+10.853	+10.851		
	0.612		0.462			
T.P.	1431.201				1431.201	
	11.567		11.498			
	1442.768	+11.142	+11.144	+11.143		
	0.425		0.354			
T.P.	1442.343				1442.343	
	11.689		11.620			
	1454.032	+11.229	+11.233	+11.231		
	0.460		0.387			
T.P.	1453.572				1453.574	
	11.805		11.724			
	1465.377	+11.358	+11.360	+11.359		
	0.447		0.364			
T.P.	1464.930				1464.933	
	10.398		10.766			
	1475.328	+10.184	+10.181	+10.182		
	0.214		0.585			
T.P.	1475.114				1475.115	
	11.949		11.804	11.754		
	1487.063	+11.401	+11.405	+11.402		
	0.548		0.399	0.352		
T.P.	1486.515				1486.517	
	11.815		11.749			
	1498.330	+9.481	+9.480	+9.480		
	2.334		2.269			
T.P.	1495.996				1495.997	

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1495.996				1495.997	
	8.776		8.643			
	1504.772	+3.666	+3.666	+3.666		
	5.110		4.977			
(FD) B.M. MON.	1499.662				1499.663	B.M.— FD. CO. SUR. BENCH MARK ON HIGH KNOB NEAR SADDLE 900'± EAST OF VALLEY BETWEEN SEC. 13 & 14 IN SEC. 13 T1S R18W
	7.980		8.300			
	1507.642	+3.290	+3.290	+3.290		
	4.690		5.010			
T.P.	1502.952				1502.953	
	11.908		11.867			
	1514.860	+11.644	+11.645	+11.644		
	0.264		0.222			
T.P.	1514.596				1514.597	
	11.114		11.085			
	1525.710	+9.965	+9.966	+9.965		
	1.149		1.119			
(SET) B.M. C.P.-7	1524.561				1524.562	B.M. C.P.-7 SET B.M. MON. ON SIDE HILL 275'± SO. OF INTER. OF "P" LINE & SEC. LINE BETWEEN SEC. 13 & 14 T.1.S R18W F.B. 2605-156 SEE F.B. 2639-140 FOR OTHER CIRCUIT EL.= 1524.565
	2.040		2.017			
	1526.601	-8.852	-8.851	-8.852		
	10.892		10.868			
T.P.	1515.709				1515.710	
	0.817		0.659			
	1516.526	-10.244	-10.243	-10.244		
	11.061		10.900			
T.P.	1505.465				1505.466	
	0.308		0.277			
	1505.773	-10.225	-10.226	-10.226		
	10.533		10.503			
T.P.	1495.240				1495.240	

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MENNE DATE 11-16-62 & 12-3-62
NOTES CHKD. _____ NOTES BY J.P.M. DATE _____
DATE _____ INDEXED E. J. GALL DATE _____

F.B. 2639 PG. 81

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
SURVEY BY J.P. MENNE
NOTES BY J.P.M. DATE 11-16-62
INDEXED R. J. GALL DATE
NOTES RED
DATE
NOTES CHKD.
DATE

F.B. 7639 PG. 82

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	1495.240				1495.240	
	0.428		0.253			
	1495.668	-11.322	-11.321	-11.322		
	11.750		11.574			
T.P.	1483.918				1483.918	
	0.393		0.329			
	1484.311	-10.270	-10.267	-10.269		
	10.663		10.596			
T.P.	1473.648				1473.649	
	0.552		0.388			
	1474.200	-10.780	-10.778	-10.779		
	11.332		11.166			
T.P.	1462.868				1462.870	
	0.474		0.210			
	1463.342	-10.512	-10.515	-10.513		
	10.986		10.725			
T.P.	1452.356				1452.357	
	0.477		0.414			
	1452.833	-11.115	-11.113	-11.114		
	11.592		11.527			
T.P.	1441.241				1441.243	
	0.750		0.563			
	1441.991	-3.148	-3.199	-3.198		
	3.948		3.762			
T.P	1438.043				1438.045	
	0.236		0.265			
	1438.279	-11.618	-11.617	-11.618		
	11.854		11.882			
T.P.	1426.425				1426.427	

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1426.425				1426.427	
	0.202		0.186			
	1426.627	-11.621	-11.621	-11.621		
	11.823		11.807			
T.P.	1414.804					
	0.397		0.453			
	1415.201	-10.478	-10.475	-10.477		
	10.875		10.928			
T.P	1404.326					
	0.387		0.332			
	1404.713	-11.581	-11.583	-11.582		
	11.968		11.915			
T.P	1392.745					
	2.970		2.797			
	1395.715	+0.061	+0.061	+0.061		
	2.909		2.736			
T.P.	1392.806					
	11.858		11.772			
	1404.664	+11.519	+11.519	+11.519		
	0.339		0.253			
T.P.	1404.325					
	11.949		11.769			
	1416.274	+10.567	+10.567	+10.567		
	1.382		1.202			
T.P.	1414.892					
	11.315		11.296			
	1426.207	+11.048	+11.048	+11.048		
	0.267		0.248			
T.P	1425.940					

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MENNE
NOTES CHKD. _____ NOTES BY J.P.M. DATE 12-4-62
DATE _____ INDEXED R. J. GALL DATE _____

F.B. 2639 PG. 83

JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD NOTES RED.
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 12-4-62 NOTES CHKD.
INDEXED C.J. GALLI DATE

F.B. 2639 PG. 84

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	1425.940					
	9.183		9.242			
	1435.123	- 1.243	- 1.245	-1.244		
	10.426		10.487			
(FD) P.88 1X2 EN	1424.697					P-88 FD. 1X2 & N. ON LEDGE OF ROCKY CLIFF F.B. 2605-103
	11.627		11.563			
	1436.324	+11.337	+11.338	+11.337		
	0.290		0.225			
T.P.	1436.034					
	11.692		11.880			
	1447.726	+11.522	+11.523	+11.522		
	0.170		0.357			
T.P.	1447.556					
	9.350		8.818			
	1456.906	+7.562	+7.559	+7.561		
	1.788		1.259			
T.P.	1455.118					
	10.835		10.691			
	1465.953	+4.184	+4.181	+4.183		
	6.651		6.510			
(FD) P.89 - PK.	1459.302					P-89 FD. PK. NAIL & T. ON TOP LG. ROCK F.B. 2605-104
	3.122		3.041			
	1462.424	- 8.731	- 8.729	-8.730		
	11.853		11.770			
T.P.	1450.571					
	0.344		0.276			
	1450.915	-11.645	+11.645	-11.645		
	11.989		11.921			
(FD) P.90 1X2 EN	1438.926					P-90 FD. 1X2 & N. ON SPUR F.B. 2605-104

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-90	1438.926					
	7.067		6.635			
	1445.993	+ 1.659	+ 1.659	+1.659		
	5.408		4.976			
T.P.	1440.585					
	11.973		11.947			
	1452.558	+ 11.697	+ 11.696	+11.696		
	0.276		0.251			
T.P.	1452.282					
	11.928		11.856			
	1464.210	+ 11.086	+ 11.089	+11.087		
	0.842		0.767			
T.P.	1463.368					
	11.521		11.594			
	1474.889	+ 11.324	+ 11.321	+11.323		
	0.197		0.273			
T.P.	1474.692					
	11.452		11.393			
	1486.144	+ 11.187	+ 11.184	+11.185		
	0.265		0.209			
T.P.	1485.879					
	10.296		10.322			
	1496.175	+ 9.708	+ 9.708	+9.708		
	0.588		0.614			
T.P.	1495.587					
	10.923		10.936			
	1506.510	+ 9.373	+ 9.370	+9.372		
	1.550		1.566			
T.P.	1504.960					

NOTES RED _____ JOB NO 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MENNE
NOTES CHKD _____ NOTES BY J.P.M. DATE 12-4-62
DATE _____ INDEXED [redacted] J. CALLI DATE _____

F.B. 2639 PG. 85

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED
SURVEY BY J.P. MENSE DATE
NOTES BY J.P.M. DATE 12-4-62 NOTES CHKD.
INDEXED E. J. GALL DATE DATE

F.B. 2639 PG. 86

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1504.960					
	11.314		11.167			
	1516.274	+10.912	+10.911	+11.911		
	0.402		0.256			
T.P	1515.872					
	7.680		7.614			
	1523.552	+4.453	+4.456	+4.454		
	3.227		3.158			
(FD) P-92 3/4 I.P.	1520.325					P-92 FD. 3/4" I.P & C.E. TAG ROCKY RIDGE F.B. 2605-104
	6.452		6.339			
	1526.777	+4.113	+4.113	+4.113		
	2.339		2.226			
T.P.	1524.438					
	11.826		11.704			
	1536.264	+11.534	+11.534	+11.534		
	0.292		0.170			
T.P.	1535.972					
	11.818		11.853			
	1547.790	+11.412	+11.413	+11.412		
	0.406		0.440			
T.P.	1547.384					
	8.197		8.137			
	1555.581	+4.381	+4.381	+4.381		
	3.816		3.756			
(FD) P-94 3/4 I.P	1551.765					P-94 FD. 3/4" I.P & C.E. TAG. TOP SPUR F.B. 2605-105
	11.784		11.748	11.705		
	1563.549	+11.343	+11.351	11.346		
	0.441		0.397	0.359		
T.P	1563.108					

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	1563.108					
	7.603		7.528			
	1570.711	+ 1.172	+ 1.175	+1.173		
	6.431		6.353			
(FD) P.95 1X2 8N	1564.280					P-95 FD 1X2 8N. SIDE HILL F.B. 2605-105
	11.337		11.213			
	1575.617	+10.161	+10.159	+10.160		
	1.176		1.054			
T.P.	1574.441					
	8.922		8.872			
	1583.363	+ 6.000	+ 6.000	+6.000		
	2.922		2.872			
(FD) P.96 3/4 I.P.	1580.441					P-96 FD. 3/4 I.P & C.E. TAG. SIDE HILL F.B. 2605-105
	3.915		3.844			
	1584.356	+ 1.577	+ 1.577	+1.577		
	2.338		2.267			
T.P.	1582.018					
	11.270		11.215			
	1593.288	+10.924	+10.922	+10.923		
	0.346		0.293			
T.P.	1592.942					
	10.654		10.533			
	1603.596	+ 3.974	+ 3.976	+3.975		
	6.680		6.557			
T.P.	1596.916					
	10.041		9.977			
	1606.957	+ 8.675	+ 8.672	+8.674		
	1.366		1.305			
(FD) P.98 1X2 8N	1605.591					P-98 FD. 1X2 8N. SIDE HILL F.B. 2605-106

NOTES RED. JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE SURVEY BY J.P. MENNE
NOTES CHKD. NOTES BY J.P.M. DATE 12-5-62
DATE INDEXED S.L. GAHT DATE

F.B. 2639 Pg. 87

JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED.
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 12-5-62 NOTES CHKD.
INDEXED J. GALLI DATE DATE

F.B. 2639 PG. 88

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-98	1605.591					
	11.764		11.907			
	1617.355	+11.566	+11.564	+11.563		
	0.198		0.343			
T.P.	1617.157					
	7.648		7.559			
	1624.805	+6.257	+6.256	+6.257		
(FD)	1.391		1.303			
P-99 3/4" I.P.	1623.414					P-99 FD. 3/4" I.P. & C.E. TAG TOP SPUR F.B. 2605-106
	0.867		0.808			
	1624.281	-10.508	-10.509	-10.508		
	11.375		11.317			
T.P.	1612.906					
	0.815		0.680			
	1613.721	-10.437	-10.438	-10.437		
	11.252		11.118			
T.P.	1602.469					
	0.349		0.282			
	1602.818	-11.160	-11.160	-11.160		
	11.509		11.442			
T.P.	1591.309					
	7.849		7.738			
	1599.158	+1.789	+1.786	+1.788		
	6.060		5.952			
T.P.	1593.098					
	1.591		1.516			
	1594.689	-10.120	-10.122	-10.121		
	11.711		11.638			
T.P.	1582.978					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1582.978					
	0.472		0.452			
	1583.450	-8.617	-8.615	-8.616		
	9.089		9.067			
(FD) P-101 3/4 I.P.	1574.361					P-101 FD. 3/4" I.P. & C.E. TAG. ON SPUR F.B. 2605-106
	2.040		1.993			
	1576.401	-5.213	-5.211	-5.212		
	7.253		7.204			
(FD) P-102 1X2 W	1569.148					P-102 FD. 1X2 W. F.B. 2605-106
	2.622		2.588			
	1571.770	-1.314	-1.314	-1.314		
	3.936		3.902			
T.P.	1567.834					
	9.852		9.800			
	1577.686	+7.659	+7.660	+7.659		
	2.193		2.140			
T.P.	1575.493					
	7.788		7.765			
	1583.281	+3.700	+3.697	+3.699		
	4.088		4.068			
(FD) P-103 3/4 I.P.	1579.193					P-103 FD. 3/4" I.P. & C.E. TAG. SPUR F.B. 2605-107
	11.380		11.406			
	1590.573	+9.868	+9.868	+9.868		
	1.512		1.538			
T.P.	1589.061					
	10.751		10.838			
	1599.812	+10.135	+10.136	+10.135		
	0.616		0.702			
T.P.	1599.196					

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD
DATE _____ SURVEY BY J.P. MENNE
NOTES CHKD. _____ NOTES BY J.P.M. DATE 12-5-62
DATE _____ INDEXED C.J. GALL DATE _____

F.B. 2639 PG. 89

765420 S & E-383 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 12-6-62 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2639 PG. 90

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1599.196					
	10.241		10.270			
	1609.437	+10.016	+10.016	+10.016		
	0.225		0.254			
T.P.	1609.212					
	11.947		11.883			
	1621.159	+11.185	+11.183	+11.184		
	0.762		0.700			
T.P.	1620.397					
	10.818		10.791			
	1631.215	+10.466	+10.469	+10.467		
	0.352		0.322			
T.P.	1630.863					
	11.262		11.211			
	1642.125	+10.984	+10.986	+10.985		
	0.278		0.225			
T.P.	1641.847					
	9.715		9.687			
	1651.562	+7.982	+7.982	+7.982		
	1.733		1.705			
T.P.	1649.829					
	11.388		11.337			
	1661.217	+5.385	+5.384	+5.384		
(SET)	6.003		5.953			
B.M. C.P.-8	1655.214					B.M. C.P.-8 SET C.E. ENG. B.M. MON. ON SPUR S 26° E ± 200' FROM P-103 — F.B. 2605-107
	0.230		0.240			
	1655.444	-11.455	-11.455	-11.455		
	11.685		11.695			
T.P.	1643.759					

76S420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1643.759					
	0.260		0.275			
	1644.019	-11.494	-11.491	-11.493		
	11.754		11.766			
T.P.	1632.265					
	0.232		0.242			
	1632.497	-11.613	-11.613	-11.613		
	11.845		11.855			
T.P.	1620.652					
	0.421		0.324			
	1621.073	-11.413	-11.410	-11.412		
	11.834		11.734			
T.P.	1609.239					
	0.330		0.320			
	1609.569	-11.305	-11.304	-11.304		
	11.635		11.624			
T.P.	1597.934					
	0.413		0.316			
	1598.347	-10.907	-10.907	-10.907		
	11.320		11.223			
T.P.	1587.027					
	0.540		0.637			
	1587.567	-7.834	7.834	-7.834		
	8.374		8.471			
T.P.	1579.193					
	4.046		4.037			
	1583.239	+2.439	2.439	+2.439		
	1.607		1.598			
T.P.	1581.632					

NOTES RED ____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE ____ SURVEY BY J.P. MENNE
NOTES CHKD ____ NOTES BY J.P.M. DATE 12-6-62
DATE ____ INDEXED G.L. GAIN DATE ____

F.B. 2639 PG. 91

JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED.
SURVEY BY J.P. MENZIE DATE
NOTES BY J.P.M. DATE 12-6-62 NOTES CHKD.
INDEXED C. J. CALL DATE

F.B. 2639 PG. 92

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1581.632					
	4.834		4.822			
	1586.466	+4.422	+4.421	4.422		
	0.412		0.401			
T.P.	1586.054					
	9.423		9.395			
	1595.477	+7.522	+7.523	+7.522		
	1.901		1.872			
T.P.	1593.576					
	7.102		7.070			
	1600.678	+5.288	+5.291	+5.289		
	1.814		1.779			
(FS) P.105 3/4"I.P.	1598.864					P.105 — FD. 3/4" I.P. & C.E. TAG. ON SPUR FB. 2605-107
	8.676		8.587			
	1607.540	+8.358	+8.361	+8.359		
	0.318		0.226			
T.P.	1607.222					
	6.047		6.020			
	1613.269	+1.540	+1.543	+1.542		
	4.507		4.477			
T.P.	1608.762					
	11.892		11.754			
	1620.654	+11.128	+11.127	+11.128		
	0.764		0.627			
T.P.	1619.890					
	9.434		9.402			
	1629.324	+7.542	+7.544	+7.543		
	1.892		1.858			
T.P.	1627.432					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1627.432					
	7.995		7.974			
	1635.427	+5.489	+5.492	+5.490		
	2.506		2.482			
(FD) P-106 3/4" I.P.	1632.921					P-106 FD. 3/4" I.P. & C.E. TAG. ON SPUR F.B. 2605-108
	4.588		4.512			
	1637.509	+0.544	+0.544	+0.544		
	4.044		3.968			
(FD) P-107 3/4" I.P.	1633.465					P-107 FD. 3/4" I.P. & C.E. TAG. SIDE HILL F.B. 2605-108
	11.926		11.313			
	1645.391	+10.058	+10.058	+10.058		
	1.868		1.315			
T.P	1643.523					
	9.796		9.672			
	1653.319	+2.944	+2.946	+2.945		
	6.852		6.726			
(FD) P-108 3/4" I.P.	1646.467					P-108 FD. 3/4" I.P. & C.E. TAG. ON SPUR F.B. 2605-108
	2.595		2.496			
	1649.062	-7.780	-7.781	-7.781		
(FD)	10.375		10.277			
P-109 1X28N	1638.687					P-109 FD. 1X28N. SIDE HILL F.B. 2605-108
	11.065		10.968			
	1649.752	+8.142	+8.142	+8.142		
	2.923		2.826			
T.P.	1646.829					
	10.534		10.357			
	1657.363	+9.276	+9.275	+9.276		
	1.258		1.082			
T.P.	1656.105					

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MENDOZA
NOTES CHKD. _____ NOTES BY J.P.M. DATE 12-6-62
DATE _____ INDEXED C. J. GAHL DATE _____

F.B. 2659 PG. 93

768420 S & E-353 4-54

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED.
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 12-7-62 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2639 PG. 94

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	1656.105					
	11.907		11.889			
	1668.012	+11.596	+11.596	+11.596		
	0.311		0.293			
T.P	1667.701					
	8.934		8.769			
	1676.635	+7.481	+7.481	+7.481		
	1.453		1.288			
(FD) P-110 3/4 I.P	1675.182					P-110 FD. 3/4" I.P. & C.F.TAG SIDE HILL F.B. 2605-109
	6.917		6.902			
	1682.099	+1.217	+1.214	+1.216		
	5.700		5.688			
T.P.	1676.399					
	11.608		11.593			
	1688.007	+11.291	+11.291	+11.291		
	0.317		0.302			
T.P.	1687.690					
	9.453		9.417			
	1697.143	+8.894	+8.891	+8.893		
	0.559		0.521			
(FD) P-111 P.K. N.	1696.584					P-111 FD. P.K. NAIL LG. ROCK F.B. 2605-109
	6.253		6.439			
	1702.837	+3.631	+3.631	+3.631		
	2.622		2.808			
T.P.	1700.215					
	11.859		11.748			
	1712.074	+10.702	10.700	+10.701		
	1.157		1.048			
T.P.	1710.917					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1710.917					
	11.726		11.662			
	1722.643	+10.257	+10.257			
	1.469		1.405			
T.P.	1721.174					
	7.996		7.978			
	1729.170	+7.286	+7.286			
	0.710		0.692			
T.P.	1728.460					
	10.308		10.198			
	1738.768	+5.487	+5.486			
	4.821		4.712			
(FD) P-113 3/4" I.P.	1733.947					P-113 FD. 3/4" I.P. & C.E. TAG SPUR F.B. 2605-109
	10.988		10.914			
	1744.935	+10.486	+10.486			
	0.502		0.428			
T.P.	1744.433					
	11.528		11.461			
	1755.961	+11.050	+11.053			
	0.478		0.408			
T.P.	1755.483					
	10.636		10.577			
	1766.119	+5.048	+5.045			
	5.588		5.532			
(FD) P-114 3/4" I.P.	1760.531					P-114 FD. 3/4" I.P. & C.E. TAG SPUR F.B. 2605-109
	6.214		6.141			
	1766.745	+1.336	+1.336			
	4.878		4.805			
T.P.	1761.867					

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J. P. MENNE
NOTES CHKD. _____ NOTES BY J.P.M. DATE 12-7-62
DATE _____ INDEXED R. J. GALLI DATE _____

F.B. 2639 PG. 95

765420 S & E-353 4-54

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JOB NO. 779.20 SURVEY OF CASTRO PEAK RD.
SURVEY BY J.P. MENZIE
NOTES BY J.P.M. DATE 12-10-62
INDEXED E. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2639 PG. 96

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	1761.867					
	10.648		10.468			
	1772.515	+9.216	+9.215			
	1.432		1.253			
T.P	1771.083					
	8.693		8.641			
	1779.776	+5.509	+5.512			
	3.184		3.129			
(FD) P-116 3/4" I.P.	1776.592					P-116 FD. 3/4" I.P. & C.E. TAG. SPUR F.B. 2605-110
	5.774		5.762			
	1782.366	+4.134	+4.135			1782.366 — SIDE SHOT —
	1.640		1.627			8.500
						1773.866 = P-117 FD. 1X2 E.N. SPUR F.B. 2605-110
T.P.	1780.726					
	11.792		11.643			
	1792.518	+11.336	+11.335			
	0.456		0.308			
T.P.	1792.062					
	9.330		9.295			
	1801.392	+1.248	+1.251			
	8.082		8.044			
FD. P-118 1X2 E.N.	1793.310					P-118 FD 1X2 E.N. ON SPUR F.B. 2605-110
	11.387		11.352			
	1804.697	+4.066	+4.067			
(FD)	7.321		7.285			
R-3 1X2 E.N.	1797.376					R-3 FD. 1X2 E.N. ON SPUR. INTER. OF "P" LINE & SEC. LINE — F.B. 2605-110-194
	11.728		11.876			
	1809.104	+11.523	+11.525			
	0.205		0.351			
T.P.	1808.899					

765420 S & E-353 4-54

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108' So.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1808.899					
	11.385		11.348			
	1820.284	+11.040	+11.041			
	0.345		0.307			
T.P.	1819.939					
	11.969		11.959			
	1831.908	+11.045	+11.045			
	0.924		0.914			
T.P.	1830.984					
	11.672		11.655			
	1842.656	+9.326	+9.326			
	2.346		2.329			
T.P.	1840.310					
	10.907		10.896			
	1851.217	+5.192	+5.192			
	5.715		5.704			
SET B.M. C.P. 9	1845.502					B.M. C.P.-9 — SET B.M. MON. UP 4" ON SPUR. 108'± So. OF INTER. "P" LINE & RANDOM LINE F.B. 2605-110-194
	0.341		0.451			
	1845.843	-11.330	-11.332			
	11.671		11.783			
T.P.	1834.172					
	0.451		0.508			
	1834.623	-11.129	-11.129			
	11.580		11.637			
T.P.	1823.043					
	0.562		0.434			
	1823.605	-11.201	-11.201			
	11.763		11.635			
T.P.	1811.842					

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J. P. MENNE
NOTES CHKD. _____ NOTES BY J. P. M. DATE 12-10-62
DATE _____ INDEXED E. J. GALLI DATE _____

F.B. 2639 PG. 97

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED
SURVEY BY J.P. MENZE DATE
NOTES BY J.P.M. DATE 12-10-63 NOTES CHKD.
INDEXED E. J. GALLI DATE DATE

F.B. 2639 PG. 98

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1811.842					
	3.502		3.675			
	1815.344	-2.943	-2.943			
	6.445		6.618			
T.P.	1808.899					
	7.302		7.324			
	1816.201	-3.452	-3.452			
	10.754		10.776			
(FD) P-119 3/4" I.P	1805.447					P-119 FD. 3/4" I.P. & C.E. TAG. SIDE HILL F.B. 2605-110
	5.627		5.602			
	1811.074	-4.994	-4.994			
	10.621		10.596			
T.P.	1800.453					
	6.857		6.813			
	1807.310	-4.076	-4.076			
	10.933		10.889			
(FD) P-120 1X2 EN	1796.377					P-120 FD. 1X2 EN. SIDE HILL F.B. 2605-111
	3.607		3.638			
	1799.984	-7.027	-7.027			
	10.634		10.665			
(FD) P-121 1X2 EN	1789.350					P-121 FD. 1X2 EN. SIDE HILL F.B. 2605-111
	11.517		11.483			
	1800.867	+10.905	+10.906			
	0.612		0.577			
T.P.	1800.255					
	9.257		9.239			
	1809.512	+7.829	+7.829			
	1.428		1.410			
T.P.	1808.084					

768420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1808.084					
	10.277		10.250			
	1818.361	+7.270	+7.268			
	3.007		2.982			
T.P.	1815.354					
	9.596		9.566			
	1824.950	+4.974	+4.973			
	4.622		4.593			
(FD) P.122 1x2 BN.	1820.328					P-122 FD. 1x2 BN. SIDE HILL F.B. 2605-111
	12.005		11.953			
	1832.333	+9.296	+9.295			
	2.709		2.658			
(FD) P.123 3/4" I.P	1829.624					P-123 FD 3/4" I.P. & C.E. TAG ON SPUR. F.B. 2605-111
	5.833		5.818			
	1835.457	+1.023	+1.025			
	4.810		4.793			
(FD) P.124 3/4" I.P.	1830.647					P-124 FD. 3/4" I.P. & C.E. TAG ON SIDE HILL F.B. 2605-112
	6.485		6.431			
	1837.132	-0.464	-0.462			
	6.949		6.893			
T.P.	1830.183					
	1.430		1.390			
	1831.613	-10.166	-10.167			
	11.596		11.557			
T.P.	1820.017					
	0.489		0.481			
	1820.506	-10.443	-10.443			
	10.932		10.924			
T.P.	1809.574					

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MENNE
NOTES CHKD. _____ NOTES BY J.P.M. DATE 12-10-62
DATE _____ INDEXED R.J. GALL DATE _____

F.B. 2639 PG. 99

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1809.574 ✓					
	1.334		1.326			
	1810.908 ✓	-9.608	-9.608			
	10.942		10.934			
T.P.	1799.966 ✓					
	5.517		5.469			
	1805.483 ✓	-4.318	-4.318			
	9.835		9.787			
(FD) P.125 3/4 I.P	1795.648 ✓					P.125 — FD. 3/4 I.P. & C.E. TAG. SIDE HILL F.B. 2605-112
	10.066		10.028			
	1805.714 ✓	+7.663	+7.663			
	2.403		2.365			
T.P.	1803.311 ✓					
	11.621		11.566			
	1814.932 ✓	+11.003	+11.001			
	0.618		0.565			
T.P.	1814.314 ✓					
	11.957		11.933			
	1826.271 ✓	+11.005	+11.007			
	0.952		0.926			
T.P.	1825.319 ✓					
	11.808		11.782			
	1837.127 ✓	+11.176	+11.179			
	0.632		0.603			
T.P.	1836.495 ✓					
	11.933		11.896			
	1848.428 ✓	+11.493	+11.490			
	0.440		0.406			
T.P.	1847.988 ✓					

JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED.
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 12-10-62 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2639 PG. 100

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1847.988					
	11.456		11.435			
	1859.444	+ 9.891	+9.889			
	1.565		1.546			
T.P.	1857.879					
	6.348		6.325			
	1864.227	+ 2.825	+ 2.824			
	3.523		3.501			
(FD) P126 3/4" I.P.	1860.704					P-126 F.D. 3/4" I.P. & C.B. TAG. ON SPOR. F.B. 2605-112
	10.882		10.868			
	1871.586	+ 10.439	+ 10.438			
	0.443		0.430			
T.P.	1871.143					
	11.401		11.364			
	1882.544	+ 10.500	+ 10.502			
	0.901		0.862			
T.P.	1881.643					
	8.343		8.383			
	1889.986	+ 7.944	+ 7.945			
	0.399		0.438			
T.P.	1889.587					
	11.726		11.718			
	1901.313	+ 11.524	+ 11.522			
	0.202		0.196			
T.P.	1901.111					
	9.025		9.129			
	1910.136	+ 1.822	+ 1.825			
	7.203		7.304			
T.P.	1902.933					

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J. P. MENNE
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F. B. 2639 PG. 101

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SURVEY BY J.P. MENNE
NOTES BY J.P.M. DATE 12-11-63
INDEXED E. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2639 PG. 102

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1902.933					
	11.993		11.985			
	1914.926	+10.398	+10.398			
	1.595		1.587			
FD. P.127 3/4" I.P.	1913.331					P-127 FD. 3/4" I.P. & C.E. TAG. ON SPUR. F.B. 2605-113
	1.607		1.594			
	1914.938	-9.022	-9.022			
	10.629		10.616			
T.P.	1904.309					
	2.288		2.267			
	1906.597	-7.117	-7.114			
	9.405		9.381			
T.P.	1897.192					
	1.599		1.571			
	1898.791	-7.915	-7.915			
	9.514		9.486			
T.P.	1889.277					
	2.537		2.442			
	1891.814	-7.398	-7.399			
	9.935		9.841			
T.P.	1881.879					
	1.887		1.872			
	1883.766	-4.884	-4.884			
(FD)	6.771		6.756			
P-128 1X2EN	1876.995					P-128 FD. 1X2 EN. ON SPUR. F.B. 2605-113
	11.234		11.453			
	1888.229	+10.919	+10.919			
	0.315		0.534			
T.P.	1887.914					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1887.914					
	5.432		5.322			
	1893.346	+ 1.363	+ 1.363			
	4.069		3.959			
T.P.	1889.277					
	11.112		11.102			
	1900.389	+ 9.724	+ 9.724			
	1.388		1.378			
T.P	1899.001					
	7.983		7.960			
	1906.984	+ 6.866	+ 6.866			
	1.117		1.094			
T.P.	1905.867					
	11.328		11.300			
	1917.195	+ 10.488	+ 10.491			
	0.840		0.809			
T.P.	1916.355					
	9.215		9.236			
	1925.570	+ 8.124	8.124			
	1.091		1.112			
T.P.	1924.479					
	11.415		11.354			
	1935.894	+ 4.983	4.984			
	6.432		6.370			
(FD) R129 3/4" I.P.	1929.462					P-129 FD. 3/4" I.P. E.C.E. TAG. ON SPUR F.B. 2605-113
	6.761		6.696			
	1936.223	+ 5.157	+ 5.157			
	1.604		1.539			
T.P.	1934.619					

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD
DATE _____ SURVEY BY J.R. MENNE
NOTES CHKD. _____ NOTES BY J.R.M. DATE 12-11-62
DATE _____ INDEXED B.J. GALLI DATE _____

F.B. 7439 PG. 103

76S420 S & E-353 4-54

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK R.
SURVEY BY J.P. MENNE
NOTES BY J.P.M. DATE 12-11-62
INDEXED C.J. GALL DATE
NOTES RED DATE
NOTES CHKD DATE

F.B. 7639 PG. 104

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1934.619					
	9.478		9.455			
	1944.097	+5.529	+5.527			
	3.949		3.928			
T.P.	1940.148					
	11.884		11.825			
	1952.032	+11.284	+11.283			
	0.600		0.542			
T.P.	1951.432					
	11.485		11.474			
	1962.917	+11.270	+11.272			
	0.215		0.202			
T.P.	1962.702					
	11.981		11.959	11.933		
	1974.683	+11.691	+11.683	+11.688		
	0.290		0.276	0.245		
T.P.	1974.393					
	11.736		11.724			
	1986.129	+8.249	+8.250			
	3.487		3.474			
T.P.	1982.642					
	11.236		11.172			
	1993.878	+10.563	+10.563			
	0.673		0.609			
T.P.	1993.205					
	8.706		8.684			
	2001.911	+4.753	+4.755			
	3.953		3.929			
(FD) P.131 3/4" I.P.	1997.958					P.131 FD. 3/4" I.P. & C.E. TAG. ON SPOIL, F.B. 2605-114

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-131	1997.958					
	2.910		2.883			
	2000.868	-7.918	-7.917			
	10.828		10.800			
(FD) P-132 1X2 EN	1990.040					P-132 FD. 1X2 EN. SIDE HILL F.B. 2605-114
	1.583		1.537			
	1991.623	-9.330	-9.332			
	10.913		10.869			
T.P.	1980.710					
	1.088		1.073			
	1981.798	-9.923	-9.923			
	11.011		10.996			
T.P.	1970.787					
	2.447		2.413			
	1973.234	-8.136	-8.134			
	10.583		10.547			
T.P.	1962.651					
	5.184		5.168			
	1967.835	-3.632	-3.630			
	8.816		8.798			
(FD) P-133 1X2 EN	1959.019					P-133 FD. 1X2 EN. SIDE HILL F.B. 2605-114
	11.345		11.456			
	1970.364	+11.114	+11.114			
	0.231		0.342			
T.P.	1970.133					
	11.678		11.782			
	1981.811	+11.427	11.427			
	0.251		0.355			
T.P.	1981.560					

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F.B. 2639 PG. 105

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SURVEY BY J.P. MENNE
NOTES BY J.P.M. DATE 12-11-62
INDEXED P. J. GALL DATE

NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1981.560					
	11.304		11.245			
	1992.864	+8.480	+8.480			
	2.824		2.765			
T.P.	1990.040					
	11.977		11.969			
	2002.017	+1.657	+1.654			
	10.320		10.315			
T.P.	1991.697					
	11.010		11.050			
	2002.707	+10.162	+10.159			
	0.848		0.891			
T.P.	2001.859					
	11.294		11.268			
	2013.153	+9.934	+9.933			
	1.360		1.335			
T.P.	2011.793					
	9.947		9.921			
	2021.740	+6.244	+6.244			
SET.	3.703		3.677			
B.M. C.P.-10	2018.037					B.M. C.P.-10 SET. B.M. MON. ON SPUR. S 30°E (MAG) & 345' ± FROM P-134 F.B. 2605-114 SEE PG. 191
	2018.170	PG. 191				
	.133					

F.B. 2639 PG. 106

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.C.P.4	778.525				778.525	B.M. C.P.-4 ELEV.-
	2.850		2.920			FD. C.E.MON. SET IN CONC. END
	781.375	- 9.020	- 9.020			OF ROCKY SPUR 500'± SO. OF TUNNEL
	11.870		11.940			SITE - F.B. 2605- 32-54
T.P.	769.505					
	10.853		11.370			
	780.358	+ 9.756	+ 9.755			
	1.097		1.615			
T.P.	779.261					
	10.494		10.188			BENCH CIRCUIT FROM
	789.755	+ 7.018	+ 7.018			
	3.476		3.170			B.M. C.P.-4 TO B.M. C.P.-7
T.P.	786.279					
	10.463		10.435			
	796.742	+ 9.948	+ 9.945			
	0.515		0.490			
T.P.	796.227					
	11.410		11.470			
	807.637	+ 11.087	11.087			
	0.323		0.383			
T.P.	807.314					
	11.853		11.892			
	819.167	+ 10.802	+ 10.805			
	1.051		1.087			
T.P.	818.116					
	10.292		10.215			
	828.408	+ 9.901	+ 9.900			
	0.391		0.315			
T.P.	828.017					

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
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F.B. 2639 Pg. 107

76S420 S & E-353 4-54

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JOB NO. 0779.20 SURVEY OF CASTICO TRAIL RD NOTES RED
SURVEY BY J.P. MENNR DATE
NOTES BY J.P.M DATE 11-20-62 NOTES CHKD.
INDEXED J. GALL DATE

F.B. 2639 PG. 108

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	828.017					
	9.197		9.133			
	837.214	4.424	4.422			
	4.773		4.711			
T.P.	832.441					
	11.385		11.790			
	843.826	+9.389	9.392			
	1.996		2.398			
T.P.	841.830					
	9.548		9.407			
	851.378	+8.600	8.599			
	0.948		0.808			
T.P.	850.430					
	11.490		11.937			
	861.920	+9.373	9.370			
	2.117		2.567			
T.P.	859.803					
	11.834		11.814			
	871.637	+8.015	8.017			
	3.819		3.797			
T.P.	867.818					
	11.709		11.843			
	879.527	+4.678	4.677			
	7.031		7.166			
T.P.	872.496					
	9.774		9.708			
	882.270	+8.801	+8.801			
	0.973		0.907			
T.P.	881.297					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	881.297					
	11.778		11.658			
	893.075	+3.294	3.291			
	8.484		8.367			
(FD) P-36-1x2	884.591					P-36 FD. 1x2 & N. 3.36 HALL F.B. 2605-88
	11.387		11.238			
	895.978	+10.781	+10.781			
	0.606		0.457			
T.P.	895.372					
	11.321		11.270			
	906.693	+10.028	+10.029			
	1.293		1.241			
T.P.	905.400					
	10.368		10.300			
	915.768	+8.220	+8.219			
	2.148		2.081			
T.P.	913.620					
	6.481		6.439			
	920.101	+2.817	+2.816			
	3.664		3.623			
(FD) P-37 3/4" I.P.	916.437					P-37 FD. 3/4" I.P. TOP SPUR. F.B. 2605-89
	2.015		1.919			
	918.452	-1.174	-1.173			
	3.189		3.092			
FD. P-38-1x2	915.263					P-38 FD. 1x2 & N. TOP SPUR. F.B. 2605-89
	0.714		0.648			
	915.977	-10.619	-10.619			
	11.333		11.267			
T.P.	904.644					

NOTES RED _____ DATE _____
NOTES CHKD. _____ DATE _____
INDEXED _____ DATE _____

JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
SURVEY BY J.P. MENNR
NOTES BY J.P.M. DATE 11-20-67
G. J. GALLI

F.B. 2639 PG. 109

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	904.644					
	1.023		0.937			
	905.667	-10.982	-10.985			
	12.005		11.922			
T.P.	893.662					
	0.488		0.388			
	894.150	-10.123	-10.120			
	10.611		10.508			
T.P.	883.539					
	0.516		0.405			
	884.055	-8.046	-8.047			
	8.562		8.452			
FD. P-39 1x2	875.493					P-39 FD 1x2 & N. BOTT. DRAW F.B. 2605-89
	4.786		4.675			
	880.279	+3.742	+3.740			
	1.044		0.935			
T.P.	879.235					
	11.345		11.603			
	890.580	+11.131	+11.130			
	0.214		0.473			
T.P.	890.366					
	11.278		11.443			
	901.644	+11.084	+11.086			
	0.194		0.357			
T.P.	901.450					
	8.018		7.948			
	909.468	+4.166	4.164			
	3.852		3.784			
FD. P-40 1x2	905.616					P-40 FD. 1x2 & N ON SPUR F.B. 2605-89

JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED.
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 11-20-62 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2639 PG. 110

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-40 1&2	905.616					P-40 FD. 1&2 & N.
	7.838		7.780			
	913.454	+6.332	+6.330			
	1.506		1.450			
T.P.	911.948					
	7.393		7.326			
	919.341	+5.479	5.481			
	1.914		1.845			
(FD) P-41 3/4" I.P.	917.427					P-41 FD. 3/4" I.P. TOP SPUR F.B. 2605-90
	3.678		3.645			
	921.105	-2.438	-2.439			
	6.116		6.084			
(FD) P-42 1&2&N	914.989					P-42 FD. 1&2 & N. TOP SPUR F.B. 2605-90
	1.553		2.116			
	916.542	-9.436	-9.437			
	10.989		11.553			
T.P.	905.553					
	0.779		0.649			NOTE
	906.332	-10.356	-10.356			P-43 NOT FOUND
	11.135		11.005			
T.P.	895.197					
	11.900		11.877			
	907.097	+9.967	+9.968			
	1.933		1.909			
T.P.	905.164					
	2.569		2.710			
	907.733	+0.632	+0.629			
	1.937		2.081			
T.P.	905.796					

NOTES RED _____ JOB NO. 0779.70 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J. P. MENNE
NOTES CHKD. _____ NOTES BY J. P. M. DATE 11-20-62
DATE _____ INDEXED E. J. GALLI DATE _____

F.B. 2639 PG. 111

JOB NO. 0779.70 SURVEY OF CASTRO PEAK RD.
SURVEY BY J.P. MENNE
NOTES BY J.P.M. DATE 11-21-62
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2639 PG. 112

768420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	905.796					
	5.320		5.295			
	911.116	+4.393	+4.392			
	0.927		0.903			
T.P.	910.189					
	9.876		9.830			
	920.065	+9.287	+9.289			
	0.589		0.541			
T.P.	919.476					
	11.960		11.892			
	931.436	+11.593	+11.590			
	0.367		0.302			
T.P.	931.069					
	10.905		10.920			
	941.974	+10.477	+10.480			
	0.428		0.440			
T.P.	941.546					
	5.468		5.437			
	947.014	+2.670	+2.669			
	2.798		2.768			
R 44 (FD) - P.K. NAIL	944.216					P-44 FD. P.K. NAIL IN ROCK. F.B. 2605-90
	2.688		2.666			
	946.904	-8.440	-8.441			
	11.128		11.107			
T.P.	935.776					
	0.858		0.805			
	936.634	-11.012	-11.011			
	11.870		11.816			
T.P.	924.764					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	924.769					
	0.858		0.756			
	925.622	-11.148	-11.147			
	12.006		11.903			
T.P.	913.616					
	4.978		4.946			
	918.594	-4.969	-4.968			
	9.947		9.914			
T.P.	908.647					
	0.803		0.637			
	909.450	-10.583	-10.582			
	11.386		11.219			
T.P.	898.064					
	0.618		0.949			
	898.682	-9.579	-9.579			
	10.197		10.528			
T.P.	888.485					
	0.247		0.225			
	888.732	-11.486	-11.485			
	11.733		11.710			
T.P.	876.999					
	2.161		2.094			
	879.160	-8.906	-8.904			
	11.067		10.998			
FD. A-8 3/4 I.P	868.093					A-8 FD. 3/4" I.P. & TAG. SIDE HILL INTER. SEC. LINE & P LINE F.B. 2605-15
	5.107		5.070			
	873.200	+4.425	+4.423			
	0.682		0.647			
T.P.	872.518					

NOTES RED. _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MENNE
NOTES CHKD. _____ NOTES BY J.P.M. DATE 11-21-62
DATE _____ INDEXED C.J. CAHN DATE _____

F.B. 2639 PG. 113

768420 S & E-353 4-54

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED.
SURVEY BY J.P. MENZ DATE
NOTES BY J.P.M. DATE 11-21-62 NOTES CHKD.
INDEXED J. GALLI DATE DATE

F.B. 2639 Pg. 114

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	872.518					
	11.007		10.854			
	883.525	+10.467	+10.470			
	0.540		0.384			
T.P.	882.985					
	6.226		6.200			
	889.211	+5.099	+5.102			
	1.127		1.098			
(SET) B.M.C.P.-5	888.084					B.M.C.P.-5 = A-7 ON SECTION LINE
	0.625		0.572			F.B. 2005-151
	888.709	-10.597	-10.595			SET B.M. MON. ON SIDE HILL
	11.222		11.167			
T.P.	877.487					
	0.465		0.434			
	877.952	-9.886	-9.883			
	10.351		10.317			
T.P.	867.601					
	2.683		2.674			
	870.284	-8.873	-8.876			
	11.556		11.550			
T.P.	858.728					
	0.823		0.782			
	859.551	-10.161	-10.161			
	10.984		10.943			
T.P.	848.567					
	0.256		0.214			
	848.823	-11.326	-11.324			
	11.582		11.538			
T.P.	837.241					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	837.241					NOTE - P-45 NOT FOUND
	1.418		1.345			
	838.659	-3.340	-3.339			
	4.758		4.684			
(FD) P-46 1X2 EN	833.901					P-46 FD. 1X2 EN. TOP SPUR F.B. 2605-91
	7.448		6.032			
	841.349	+1.420	+1.420			
	6.028		4.612			
T.P.	835.321					ON ROCK
	11.185		11.148			
	846.506	+10.599	+10.601			
	0.586		0.547			
T.P.	845.920					
	11.661		11.633			
	857.581	+11.208	+11.210			
	0.453		0.423			
T.P.	857.128					
	11.840		11.862			
	868.968	+11.552	+11.554			
	0.288		0.308			
T.P.	868.680					
	11.512		11.441			
	880.192	+11.084	+11.085			
	0.428		0.356			
T.P.	879.764					
	11.583		11.542			
	891.347	+11.132	+11.134			
	0.451		0.408			
T.P.	890.896					

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD
DATE _____ SURVEY BY J. P. MENNE
NOTES CHKD. _____ NOTES BY J. P. M. DATE 11-21-62
DATE _____ INDEXED C. J. GAUL DATE _____

F.B. 2639 PG. 115

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD
SURVEY BY J.P. MENZIES
NOTES BY J.P.M. DATE 11-26-62
INDEXED R. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2639 PG. 116

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	890.896					
	11.222		11.163			
	902.118	+10.735	+10.734			
	0.487		0.429			
T.P.	901.631					
	11.405		11.738			
	913.036	+10.859	+10.859			
	0.546		0.879			
T.P.	912.490					
	11.602		11.532			
	924.092	+11.341	+11.341			
	0.261		0.191			
T.P.	923.831					
	10.316		10.184			
	934.147	+9.766	+9.769			
	0.550		0.415			
T.P.	933.597					
	10.376		10.258			
	943.973	+9.789	+9.787			
	0.587		0.471			
T.P.	943.386					
	9.875		9.843			
	953.261	+9.603	+9.605			
	0.272		0.238			
T.P.	952.989					
	11.130		11.041			
	964.119	+10.654	+10.653			
	0.476		0.388			
T.P.	963.643					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	963.643					
	10.844		10.764			
	974.487	+10.521	+10.519			
	0.323		0.245			
T.P.	974.164					
	11.561		11.545			
	985.725	+11.322	+11.320			
	0.239		0.225			
T.P.	985.486					
	11.188		11.065			
	996.674	+10.541	+10.538			
	0.647		0.527			
T.P.	996.027					
	11.731		11.874			
	1007.758	+11.406	+11.406			
	0.325		0.468			
T.P.	1007.433					
	11.579		11.526			
	1019.012	+7.262	+7.263			
	4.317		4.263			
T.P.	1014.695					
	9.945		9.884			
	1024.640	+5.509	+5.508			
	4.436		4.376			
FD. P-48 3/4" I.P.	1020.204					P-48 FD. 3/4" I.P. & TAG. TOP 3 PVR F.B. 2605-91
	6.084		6.060			
	1026.288	+3.289	+3.290			
	2.795		2.770			
T.P.	1023.493					

NOTES RED _____ JOB NO. 0779.70 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MEANS
NOTES CHKD. _____ NOTES BY J.P.M. DATE 11-26-62
DATE _____ INDEXED R. J. GALLI DATE _____

F.B. 2639 Pg. 117

769420 S & E-353 4-54

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
SURVEY BY J.P. MENNE
NOTES BY J.P.M. DATE 11-26-67
INDEXED C.J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2639 PG. 118

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1023.493					
	10.972		10.958			
	1034.465	+10.426	+10.423			
	0.546		0.535			
T.P.	1033.919					
	9.641		9.659			
	1043.560	+6.047	+6.047			
	3.594		3.612			
(FD) P-49 1X2&N	1039.966					P-49 / FD. 1X2&N. T.P. SPUR. F.B. 2605-92
	1.790		1.858			
	1041.756	-7.438	-7.441			
	9.228		9.299			
T.P.	1032.528					
	1.240		1.195			
	1033.768	-10.521	-10.518			
	11.761		11.713			
T.P.	1022.007					
	7.990		7.844			
	1029.997	+2.810	+2.811			
	5.180		5.033			
(FD) P-50 1X2&N	1024.817					P-50 / FD. 1X2&N. SIDE HILL F.B. 2605-92
	11.824		11.757			
	1036.641	+11.525	+11.524			
	0.299		0.233			
T.P.	1036.342					
	11.334		11.253			
	1047.676	+10.847	+10.844			
	0.487		0.409			
T.P.	1047.189					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1047.189					
	11.241		11.199			
	1058.430	+ 9.494	+9.495			
	1.747		1.704			
(FD) P-51 1X2 & N	1056.683					P-51 FD. 1X2 & N. TOP SPUR F.B. 2605-92
	8.857		8.824			
	1065.540	+ 4.051	+4.049			
	4.806		4.775			
(FD) P-52 1X2 & N	1060.734					P-52 FD. 1X2 & N. TOP SPUR F.B. 2605-92
	1.974		1.940			
	1062.708	- 8.416	8.417			
	10.390		10.357			
T.P.	1052.318					
	0.664		0.645			
	1052.982	- 10.613	-10.613			
	11.277		11.258			
T.P.	1041.705					
	0.658		0.621			
	1042.363	- 10.145	-10.142			
	10.803		10.763			
(FD) P-53 1X2 & N	1031.560					P-53 FD. 1X2 & N. SIDE HILL F.B. 2605-93
	11.740		11.653			
	1043.300	+11.108	+11.107			
	0.632		0.546			
T.P.	1042.668					
	11.803		11.817			
	1054.471	+10.883	+10.885			
	0.920		0.932			
T.P.	1053.551					

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MANNE
NOTES CHKD. _____ NOTES BY J.P.M. DATE 11-26-62
DATE _____ INDEXED E.J. GALLI DATE _____

F.B. 2639 PG. 119

768420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1053.551					
	11.143		11.054			
	1064.694	+9.880	+9.880			
	1.263		1.174			
T.P.	1063.431					
	11.915		11.846			
	1075.346	+11.289	+11.286			- NOTE -
	0.626		0.560			P-54 NOT FOUND - UNDER ROCK SLIDE
T.P.	1074.720					
	5.683		5.608			
	1080.403	+4.181	+4.181			
	1.502		1.427			
T.P.	1078.901					
	11.823		11.750			
	1090.724	+11.415	+11.418			
	0.408		0.332			
T.P.	1090.316					
	10.120		9.612	9.536		
	1100.436	+8.404	+8.400	+8.402		
	1.716		1.212	1.134		
(FD) P55 1X2 EN	1098.720					P-55 FD. 1X2 EN. TOP SPUC F.B. 2605-93
	0.843		0.766			
	1099.563	-10.273	-10.276			
	11.116		11.042			
T.P.	1088.447					
	0.274		0.185			
	1088.721	-11.160	-11.158			
	11.434		11.343			
T.P.	1077.287					

JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED.
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 11-26-62 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2639 PG. 120

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1077.287					
	0.657		0.496			
	1077.944	- 11.050	- 11.052			
	11.707		11.548			
T.P.	1066.237					
	0.429		0.314			
	1066.666	- 10.970	- 10.969			
	11.399		11.283			
T.P.	1055.267					
	0.482		0.393			
	1055.749	- 11.022	- 11.023			
	11.504		11.416			
T.P.	1044.245					
	0.288		0.437			
	1044.533	- 7.825	- 7.823			
	8.113		8.260			
(FD) P.56 1X2 BN	1036.420					P-56 FD. 1X2 & N. BOTTOM DRAW F.B. 2605-93
	4.876		4.845			
	1041.296	+ 0.337	+ 0.337			
	4.539		4.508			
(FD) P.57 1X2 BN	1036.757					P-57 FD. 1X2 & N. TOP LOW SPUR. F.B. 2605-94
	0.774		0.652			
	1037.531	- 11.236	- 11.237			
	12.010		11.889			
T.P.	1025.521					
	0.918		0.869			
	1026.439	- 10.648	- 10.650			
	11.566		11.519			
T.P.	1014.873					

NOTES RED. _____ DATE _____
NOTES CHKD. _____ DATE _____
INDEXED _____ DATE _____

JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
SURVEY BY J.P. MENNE
NOTES BY J.P.M. DATE 11-27-62
E. J. GALLI

F.B. 2639 PG. 121

765420 S & E-353 4-54

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED
SURVEY BY Y.P. MENNE DATE
NOTES BY Y.P.M. DATE 11-27-62 NOTES CHKD.
INDEXED C. J. GAULT DATE DATE

F.B. 2639 PG. 122

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1014.873					
	1.390		1.612			
	1016.263	-5.123	-5.125			
	6.513		6.737			
(FD) P.58 1X2 EN.	1009.750					P-58 FD. 1X2 EN SIDE HILL F.B. 2605-94
	10.925		10.857			
	1020.675	+7.780	7.778			
	3.145		3.079			
T.P.	1017.530					
	10.232		10.075			
	1027.762	+9.832	+9.834			
	0.400		0.241			
T.P.	1027.362					
	10.324		10.273			
	1037.686	+9.836	+9.838			
	0.488		0.435			
T.P.	1037.198					
	11.696		11.563			
	1048.894	+10.212	+10.211			
	1.484		1.352			
T.P.	1047.410					
	10.398		10.276			
	1057.808	+9.239	+9.239			
	1.159		1.037			
T.P.	1056.649					
	11.772		11.620	11.483		
	1068.421	+9.570	+9.574	9.571		
	2.202		2.046	1.912		
T.P.	1066.219					

768420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1066.219					
	9.893		9.808			
	1076.112	+ 9.027	+ 9.026			
	0.866		0.782			
(FD) P-59 1X2BN.	1075.246					P-59 FD. 1X2 BN. TOP SPUR F.B. 2605-94
	2.077		1.951			
	1077.323	+ 1.591	+ 1.594			
	0.486		0.357			
T.P.	1076.837					
	10.408		10.357			
	1087.245	+ 10.160	+ 10.159			
	0.248		0.198			
T.P.	1086.997					
	11.737		11.689			
	1098.734	+ 10.820	+ 10.820			
	0.917		0.869			
T.P.	1097.817					
	9.152		9.045			
	1106.969	+ 7.536	+ 7.536			
	1.616		1.509			
(FD) P-60 1X2BN.	1105.353					P-60 FD. 1X2 BN. ON SPUR F.B. 2605-94
	8.528		8.442			
	1113.881	+ 1.383	+ 1.381			
	7.145		7.061			
(FD) P-61 3/4 I.P.	1106.736					P-61 FD. 3/4" I.P. & C.E. TAG. SIDEWALL F.B. 2605-95
	2.692		2.598			
	1109.428	- 1.198	- 1.198			
	3.890		3.796			
(FD) P-62 3/4 I.P.	1105.538					P-62 FD. 3/4" I.P. & C.E. TAG TOP SPUR F.B. 2605-95

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.P. MEANS
NOTES CHKD. _____ NOTES BY J.P.M. DATE 11-27-62
DATE _____ INDEXED G.J. GALLI DATE _____

F.B. 2639 PG. 123

76S420 S & E-353 4-54

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JOB NO. 0779.20 SURVEY OF EAST RD. PEAK RD.
SURVEY BY J.P. MENZE
NOTES BY J.P.M. DATE 11-27-62
INDEXED C.J. BALL DATE

NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2639 PG. 124

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-62	1105.538					P-62
	0.246		0.201			
	1105.784	-11.342	-11.342			
	11.588		11.543			
T.P.	1094.196					
	3.876		3.775			
	1098.072	-0.536	-0.537			FD. 3/4" I.P. & C.P. TAG ON SIDE HILL - INTER. SEC. LINE & "P" LINE F.B. 2605-163
(FD)	4.412		4.312			
3/4" I.P.	1093.660				1093.660	
	6.426		6.394			
	1100.086	-5.167	-5.166			
	11.593		11.560			
T.P.	1088.493					
	0.193		0.263			
	1088.686	-11.628	-11.625			
	11.821		11.888			
T.P.	1076.865					
	4.474		4.430			
	1081.339	2.680	-2.682			
	7.154		7.112			
(SET) B.M.C.P.-6	1074.185					B.M.C.P.-6 ON TRANSIT LINE F.B. 2605-163
	7.617		7.544			
	1081.802	+2.653	+2.651			SET B.M. MON. ON TOP SPUR.
	4.964		4.893			125 NORTH OF INTER. OF "P" LINE
T.P.	1076.838					& TRANSIT LINE
	11.762		11.656			
	1088.600	+11.332	+11.332			
	0.430		0.324			
T.P.	1088.170					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1088.170					
	11.548		11.454			
	1099.718	+10.853	+10.852			
	0.695		0.602			
T.P.	1099.023					
	8.942		8.865			
	1107.965	+6.521	+6.523			
	2.421		2.342			
P-62	1105.544					
	5.734		5.597			
	1111.278	+1.685	+1.685			
	4.049		3.912			
T.P.	1107.229					
	11.798		11.769			
	1119.027	+11.534	+11.531			
	0.264		0.233			
T.P.	1118.763					
	11.943		11.785			
	1130.706	+11.506	+11.507			
	0.437		0.278			
T.P.	1130.269					
	7.115		7.024			
	1137.384	+4.063	+4.062			
	3.052		2.962			
(FD) P-63 3/4" I.P.	1134.332					P-63 / FD. 3/4" I.P. & C.E. TAG. TOP SPUR. F.B. 2605-96
	3.864		3.783			
	1138.196	-4.213	-4.213			
	8.077		7.996			
(FD) P-64 3/4" I.P.	1130.119					P-64 FD. 3/4" I.P. & C.E. TAG. TOP SPUR. F.B. 2605-96

NOTES RED ____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE ____ SURVEY BY J.P. MENNE
NOTES CHKD ____ NOTES BY J.P.M. DATE 11-27-62
DATE ____ INDEXED R. J. GALLI DATE ____

F.B. 2639 PG. 125

76S420 S & E-353 4-54

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JOB NO. 6779.20 SURVEY OF CASTRO PEAK RD. NOTES RED
SURVEY BY J.P. MEDINA DATE
NOTES BY J.P.M. DATE 11-28-67 NOTES CHKD.
INDEXED C. J. GALLI DATE

F.B. 2639 Pg. 126

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-64	1130.119					P-64
	6.643		6.563			
	1136.762	- 5.232	- 5.229			
	11.875		11.792			
T.P.	1124.887					
	1.036		1.057			
	1125.923	- 9.480	- 9.477			
	10.516		10.534			
T.P.	1115.407					
	0.731		0.614			
	1116.138	- 11.117	- 11.117			
	11.848		11.731			
T.P.	1104.290					
	0.408		0.470			
	1104.698	- 11.385	- 11.385			
	11.793		11.855			
T.P.	1092.905					
	0.419		0.567			
	1093.324	- 10.139	- 10.140			
	10.558		10.707			
T.P.	1082.766					
	2.715		2.622			
	1085.481	- 8.547	- 8.545			
	11.262		11.167			
T.P.	1074.219					
	0.549		0.338			
	1074.768	- 11.385	- 11.385			
	11.934		11.723			
T.P.	1062.834					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1062.834					
	3.709		3.520			
	1066.543	- 8.159	-8.158			
	11.868		11.678			
T.P.	1054.675					
	1.344		1.268			
	1056.019	- 3.237	- 3.240			
	4.581		4.508			
(FD) P-65 1X2EN	1051.438					P-65 FD. 1X2 EN. SM. SPUR F.B. 2605-97
	2.121		2.075	2.070		
	1053.559	- 6.799	- 6.806	-6.802		
	8.920		8.881	8.872		
(FD) P-66 1X2EN	1044.639					P-66 FD. 1X2 EN. SIDE HILL F.B. 2605-97
	10.414		10.293			
	1055.053	+ 9.352	+ 9.355			
	1.062		0.938			
T.P.	1053.991					
	11.530		11.415			
	1065.521	+ 10.834	+10.833			
	0.696		0.582			
T.P.	1064.825					
	11.693		11.622			
	1076.518	+11.337	+ 11.337			
	0.356		0.285			
T.P.	1076.162					
	10.962		10.893			
	1087.124	+ 8.918	+8.919			
	2.044		1.974			
T.P.	1085.080					

NOTES RED. JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD
DATE SURVEY BY J.P. MENNE
NOTES CHKD. NOTES BY J.P.M. DATE 11-28-62
DATE INDEXED J. GAMI DATE

F.B. 2639 PG. 127

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED
SURVEY BY J.P. MENNS DATE
NOTES BY J.P.M. DATE 11-28-62 NOTES CHKD
INDEXED C. J. GALLI DATE DATE

F.B. 2639 Pg. 128

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1085.080					
	11.583		11.108			
	1096.663	+9.738	+9.738			
	1.845		1.370			
T.P.	1094.818					
	11.695		11.640			
	1106.513	+11.219	+11.221			
	0.476		0.419			
T.P.	1106.037					
	11.436		11.412			
	1117.473	+11.190	+11.191			
	0.246		0.221			
T.P.	1117.227					
	11.888		11.908			
	1129.115	+11.505	+11.508			
	0.383		0.400			
T.P.	1128.732					
	10.362		10.255			
	1139.094	+9.919	+9.918			
	0.443		0.337			
T.P.	1138.651					
	6.816		6.752			
	1145.467	+5.735	+5.736			
(FD)	1.081		1.016			
P.67 1428N	1144.386					P.67 / FD. 1X2 BN. SIDE HILL F.B. 2605-97
	11.140		11.092			
	1155.526	+10.645	+10.647			
	0.495		0.445			
T.P.	1155.031					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1155.031					
+	10.724		10.637			
π	1165.755	+9.816	+9.815			
−	0.908		0.822			
T.P.	1164.847					
+	11.797		11.552	11.842		
π	1176.644	+11.342	+11.350	+11.344		
−	0.455		0.202	0.498		
T.P.	1176.189					
+	11.887		11.837			
π	1188.076	+11.331	+11.333			
−	0.556		0.504			
TP	1187.520					
+	11.497		11.457	11.393		
π	1199.017	+10.900	+10.893	+10.897		
−	0.597		0.564	0.496		
T.P.	1198.420					
+	11.436		11.402			
π	1209.856	+11.061	+11.060			
−	0.375		0.342			
TP	1209.481					
+	11.337		11.317			
π	1220.818	+11.135	+11.135			
−	0.202		0.182			
TP	1220.616					
+	10.933		10.892			
π	1231.549	+10.500	+10.499			
−	0.433		0.393			
TP	1231.116					

NOTES RED ____ JOB NO. 0779.20 SURVEY OF Castro Pk RD
DATE ____ SURVEY BY J P Menne
NOTES CHKD ____ NOTES BY Vogel DATE 11-29-62
DATE ____ INDEXED C. J. GALLI DATE ____

F. B. 2639 PG. 129

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JOB NO. 0779.20 SURVEY OF Castro Pk. Rd
SURVEY BY J P Menne
NOTES BY Voge
INDEXED C. J. GALLI
NOTES RED. DATE 11-29-62
NOTES CHKD. DATE
DATE
DATE

F.B. 2634 Pg. 130

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1231.116					
+	11.861		11.878			
⊼	1242.977	+ 11.632	+ 11.629			
−	0.229		0.249			
TP	1242.748					
+	9.101		8.946			
⊼	1251.849	+ 8.691	+ 8.693			
−	0.410		0.253			
TP	1251.439					
+	10.026		9.961			
⊼	1261.465	+ 6.023	+ 6.024			
− (FD)	4.003		3.937			
P-68	1257.462					P-68 Fd 1x2 & Nail Top of Ridge (Pg. 97) F.B. 2605
+	4.618		4.558			
⊼	1262.080	+ 3.215	+ 3.215			
− (FD)	1.403		1.343			
P-69	1260.677					P-69 Fd Small Bt. Spk & T. in Rock (Pg. 97) F.B. 2605
+	1.533		1.441			
⊼	1262.210	− 9.375	− 9.376			
−	10.908		10.817			
TP	1251.302					
+	0.764		0.784			
⊼	1252.066	10.149	− 10.148			
−	10.913		10.932			
TP	1241.153					
+	0.722		0.677			
⊼	1241.875	− 10.687	− 10.686			
−	11.409		11.363			
TP	1230.466					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1230.466					
+	0.873		0.788			
⊼	1231.339	-10.504	-10.504			
−	11.377		11.292			
TP	1219.962					
+	0.908		0.808			
⊼	1220.870	11.065	-11.064			
−	11.973		11.872			
TP	1208.897					
+	0.451		0.421			
⊼	1209.348	-10.297	-10.297			
−	10.748		10.718			
TP	1198.600					
+	0.474		0.385	0.355		
⊼	1199.074	-11.341	-11.349	-11.343		
−	11.815		11.734	11.698		
TP	1187.259					
+	0.402		0.372			
⊼	1187.661	-11.512	-11.512			
−(FD)	11.914		11.884			(P-70) F.B. 2605
P-70	1175.747					Fd. 3/4" IP CE. Tag. Bottom of Cliff (pg. 98)
+	1.663		1.643			
⊼	1177.410	-2.109	-2.108			
−	3.772		3.751			
TP	1173.638					
+	3.046		3.017			
⊼	1176.684	-6.867	-6.866			
−(FD)	9.913		9.883			(P-71) F.B. 2605
P-71	1166.771					Fd. 1x2 & Nail. Side Hill (pg. 98)

NOTES RED ____ JOB NO. 077920 SURVEY OF Castro Pk Rd
DATE 11-29-62 SURVEY BY J.P. Menne
NOTES CHKD ____ NOTES BY Voge DATE 11-29-62
DATE ____ INDEXED C. J. GALLI DATE ____

F.B. 2639 PG. 131

768420 S & E-353 4-54

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JOB NO. 0779.20 SURVEY OF Castro Pk Rd NOTES RED. DATE 11-29-62
SURVEY BY J P Menne
NOTES BY MENNE DATE 11-30-62 NOTES CHKD. DATE
INDEXED C. J. GALLI DATE

F.B. 2639 PG. 132

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-71	1166.771					
	11.183		11.061			
	1177.954	+8.109	+8.107			
	3.074		2.954			
T.P.	1174.880					
	11.006		10.949			
	1185.886	+8.573	+8.573			
	2.433		2.376			
T.P.	1183.453					
	11.662		11.724			
	1195.115	+10.320	+10.320			
	1.342		1.404			
T.P.	1193.773					
	9.526		9.206			
	1203.299	+8.864	+8.861			
	0.662		0.345			
(FD) P-72 3/4" I.P.	1202.637					
	1.376		1.322			
	1204.013	-10.111	-10.111			
	11.487		11.433			
T.P.	1192.526					
	8.015		7.936			
	1200.541	-1.861	-1.862			
	9.876		9.798			
(FD) 1X2 & N INTER. SEC. LINE & 'P' LINE	1190.665					INTER. RANDOM LINE & "P" LINE FD. 1X2 & N. F.B. 2605-204 (2+11.94)
	0.957		0.932			
	1191.622	-9.940	-9.941			
	10.897		10.873			
T.P.	1180.725					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1180.725					
	0.192		0.386			
	1180.917	-10.713	-10.715			
	10.905		11.101			
T.P.	1170.012					
	3.933		3.758			
	1173.945	-6.170	-6.173			
	10.103		9.931			
T.P.	1163.842					
	1.883		1.794			
	1165.725	-7.518	-7.518			
	9.401		9.312			
(FD) P-73 1X2EN	1156.324					P-73 FD. 1X2 EN. SIDE HILL F.B. 2605-99
	5.362		5.275			
	1161.686	+0.787	-0.787			
	4.575		4.488			
(FD) P-74 1X2EN	1157.111					P-74 FD. 1X2 EN. SIDE HILL F.B. 2605-99
	11.288		11.237			
	1168.399	+10.563	+10.561			
	0.725		0.676			
T.P	1167.674					
	11.682		11.628			
	1179.356	+11.029	+11.031			
	0.653		0.597			
T.P.	1178.703					
	11.917		11.775			
	1190.620	+11.452	+11.454			
	0.465		0.321			
T.P.	1190.155					

NOTES RED ____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE ____ SURVEY BY J.P. MENNE
NOTES CHKD. ____ NOTES BY J.P.M. DATE 11-30-62
DATE ____ INDEXED ____ DATE ____

F.B. 2639 PG. 133

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1190.155					
	12.004		11.918			
	1202.159	+11.308	+11.310			
	0.696		0.608			
T.P.	1201.463					
	11.613		11.537			
	1213.076	+10.975	+10.973			
	0.638		0.564			
T.P.	1212.438					
	11.607		11.483	11.443		
	1224.045	+10.110	+10.105	+10.108		
	1.497		1.378	1.335		
T.P.	1222.548					
	6.157		6.044			
	1228.705	+4.303	+4.303			
	1.854		1.741			
(FD) P.75 3/4" I.P.	1226.851					P.75 / FD 3/4" I.P. TOP SPUR F.B. 2605-99
	6.159		6.272			
	1233.010	-1.473	-1.476			
	7.632		7.748			
T.P.	1225.378					
	11.955		11.974			
	1237.333	+11.704	+11.706			
	0.251		0.268			
(FD) P.76 1X2 E.W.	1237.082					P.76 / FD. 1X2 E.W. SIDE HILL F.B. 2605-100
	10.688		10.540			
	1247.770	+10.250	+10.253			
	0.438		0.287			
T.P.	1247.332					

JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED.
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 11-30-62 NOTES CHKD.
INDEXED E. J. GALLI DATE DATE

F.B. 2639 PG. 134

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1247.332					
	11.276		11.615			
	1258.608	+ 11.084	+ 11.087			
	0.192		0.528			
T.P.	1258.416					
	11.987		11.945			
	1270.403	+ 11.351	+ 11.348			
	0.636		0.597			
T.P.	1269.767					
	11.849		11.776			
	1281.616	+ 9.954	+ 9.954			
	1.895		1.822			
T.P.	1279.721					
	9.986		9.905			
	1289.707	+ 8.484	+ 8.483			
	1.502		1.422			
(FD) P-77 3/4" I.P.	1288.205					P-77 FD. 3/4" I.P. & C.E. TAG. TOP SPUR F.B. 2605-100
	9.879		9.813			
	1298.084	+ 9.249	+ 9.246			
	0.630		0.567			
T.P.	1297.454					
	11.656		11.703			
	1309.110	+ 10.904	+ 10.903			
	0.752		0.800			
T.P.	1308.358					
	8.778		8.731			
	1317.136	+ 1.841	+ 1.840			
	6.937		6.891			
(FD) P-78 1X2 EN	1310.199					P-78 FD 1X2 EN. TOP SPUR F.B. 2605-100

NOTES RED. JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE SURVEY BY J.P. MENNE
NOTES CHKD. NOTES BY J.P.M. DATE 11-30-62
DATE INDEXED C. J. GALLI DATE

F.B. 2639 PG. 135

76S420 S & E-353 4-54

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED.
SURVEY BY J.P. MENNE DATE
NOTES BY S.P.M. DATE 11-30-62 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2639 PG. 136

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-78	1310.199					
	10.834		10.977			
	1321.033	+8.621	+8.621			
(FD)	2.213		2.356			
P-79 3/4" I.P.	1318.820					P-79 FD. 3/4" I.P. TOP SPUR F.B. 2605-100
	11.529		11.572			
	1330.349	+10.706	+10.705			
	0.823		0.867			
T.P	1329.526					
	9.778		9.937			
	1339.304	+0.760	+0.760			
	9.018		9.177			
(FD) P-80 1X2 BN.	1330.286					P-80 FD. 1X2 BN. ON SIDE HILL F.B. 2605-101
	11.792		11.675			
	1342.078	+8.495	+8.494			
	3.297		3.181			
T.P.	1338.781					
	11.752		11.699			
	1350.533	+11.200	+11.198			
	0.552		0.501			
T.P.	1349.981					
	11.311		11.253			
	1361.292	+10.425	+10.424			
	0.886		0.829			
T.P.	1360.406					
	9.234		9.141			
	1369.640	+6.396	+6.395			
	2.838		2.746			
(FD) P-81 3/4" I.P.	1366.802					P-81 FD. 3/4" I.P. & TAG. TOP SPUR. F.B. 2605-101

765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-81	1366.802					
	5.508		5.409			
	1372.310	+4.477	4.477			
	1.031		0.932			
(FD) P-82 3/4" I.P.	1371.279					P-82 FD. 3/4" I.P. & C.E. TAG. ON LOW SPUR F.B. 2605-101
	2.283		2.177			
	1373.562	-9.240	-9.239			
	11.523		11.416			
T.P.	1362.039					
	5.976		5.614			
	1368.015	+0.043	+0.043			
	5.933		5.571			
(FD) P-83 3/4" I.P.	1362.082					P-83 FD. 3/4" I.P. & C.E. TAG. NO. SIDE DRAW ON SIDE HILL F.B. 2605-102
	6.552		6.613			
	1368.634	+4.117	+4.117			
	2.435		2.496			
T.P.	1366.199					
	11.843		11.797			
	1378.042	+11.587	+11.590			
	0.256		0.207			
T.P.	1377.786					
	11.188		11.150	11.042		
	1388.974	+10.378	+10.373	+10.375		
	0.810		0.777	0.667		
T.P.	1388.164					
	5.209		5.182			
	1393.373	+2.210	+2.210			
	2.999		2.972			
(FD) P-84 3/4" I.P.	1390.374					P-84 FD. 3/4" I.P. & C.E. TAG. TOP SPUR. SO. SIDE DRAW. F.B. 2605-102

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J.R. MENNE
NOTES CHKD. _____ NOTES BY J.P. M. DATE 12-3-62
DATE _____ INDEXED E. J. GALLI DATE _____

F.B. 2639 Pg. 137

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-84	1390.374					
	11.588		11.523			
	1401.962	+9.898	+9.898			
	1.690		1.625			
T.P.	1400.272					
	5.181		5.042			
	1405.453	+0.406	+0.406			
(FD)	4.775		4.636			
P-85-3/4" I.P.	1400.678					P-85 — FD 3/4" I.P. & C.E. TAG. LOW SPUR F.B. 2605-103
	1.836		1.707			
	1402.514	-7.929	-7.930			
	9.765		9.637			
(FD) INTER. "P" LN. & 1X2 SEC. LINE	1392.749					INTER. "P" LINE & SEC. LINE — FD. 1X2 & N. F.B. 2605-103-157
	11.968		11.915			
	1404.717	+11.581	+11.583			
	0.387		0.332			
T.P.	1404.330					
	10.875		10.928			
	1415.205	+10.478	+10.475			
	0.397		0.453			
T.P.	1414.808					
	11.823		11.807			
	1426.631	+11.621	+11.621			
	0.202		0.186			
T.P.	1426.429					
	11.854		11.882			
	1438.283	+11.618	+11.617			
	0.236		0.265			
T.P.	1438.047					

JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED.
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 12-3-62 NOTES CHKD.
INDEXED C.J. GALLI DATE DATE

F.B. 2639 PG. 138

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1438.047					
	3.948		3.762			
	1441.995	+ 3.198	+ 3.199			
	0.750		0.563			
T.P.	1441.245					
	11.592		11.527			
	1452.837	+ 11.115	+ 11.113			
	0.477		0.414			
T.P.	1452.360					
	10.986		10.725			
	1463.346	+ 10.512	+ 10.515			
	0.474		0.210			
T.P.	1462.872					
	11.332		11.166			
	1474.204	+ 10.780	+ 10.778			
	0.552		0.388			
T.P.	1473.652					
	10.663		10.596			
	1484.315	+ 10.270	+ 10.267			
	0.393		0.329			
T.P.	1483.922					
	11.750		11.574			
	1495.672	+ 11.322	+ 11.321			
	0.428		0.253			
T.P.	1495.244					
	10.533		10.503			
	1505.777	+ 10.225	+ 10.226			
	0.308		0.277			
T.P.	1505.469					

NOTES RED _____ JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD.
DATE _____ SURVEY BY J. P. MENNE
NOTES CHKD _____ NOTES BY J.P.M. DATE 12-3-62
DATE _____ INDEXED C. J. GALLI DATE _____

F. B. 2639 PG. 139

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JOB NO. 0779.20 SURVEY OF CASTRO PEAK RD. NOTES RED
SURVEY BY J.P. Menne DATE
NOTES BY J.P. DATE 12-3-67 NOTES CHKD
INDEXED C. J. GALLI DATE DATE

F.B. 2639 PG. 140

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1505.469					
	11.061		10.900			
	1516.530	+10.244	+10.243			
	0.811		0.657			
T.P.	1515.713					
	10.892		10.868			
	1526.605	+8.852	+8.851			
(SET)	2.040		2.017			
B.M.C.P.-7	1524.565					B.M.C.P.-7 SET B.M. MON. ON SIDE HILL 275 ± SO. OF INTER. OF "P" LINE & SEC. LINE BETWEEN SEC. 13 & 14 T1S R18W F.B. 2605-156 SEE F.B. 2639-81 FOR OTHER CIRCUIT EL.- 1524.561

Notes Ck'd by	Survey of Castro Peak Levels
Map No.	JN 0779.20 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date Dec 62
Date	Indexed G. J. GALLI MAR 29 '63

F. B. 2639 PG. 141

JN 0779.20

CASTRO PEAK LEVELS

Note

KERN LEVEL Model GK1-A
Serial Number 80047 was used
on 10 Dec 1962 between turns
218 and # 230.

F.E. Brooks
K.M. Kapp
G.E. Cook
E. Martinez
C.G. Valdez

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76F3095 CE # 310 3-61

F. B. 2639 PG. 142

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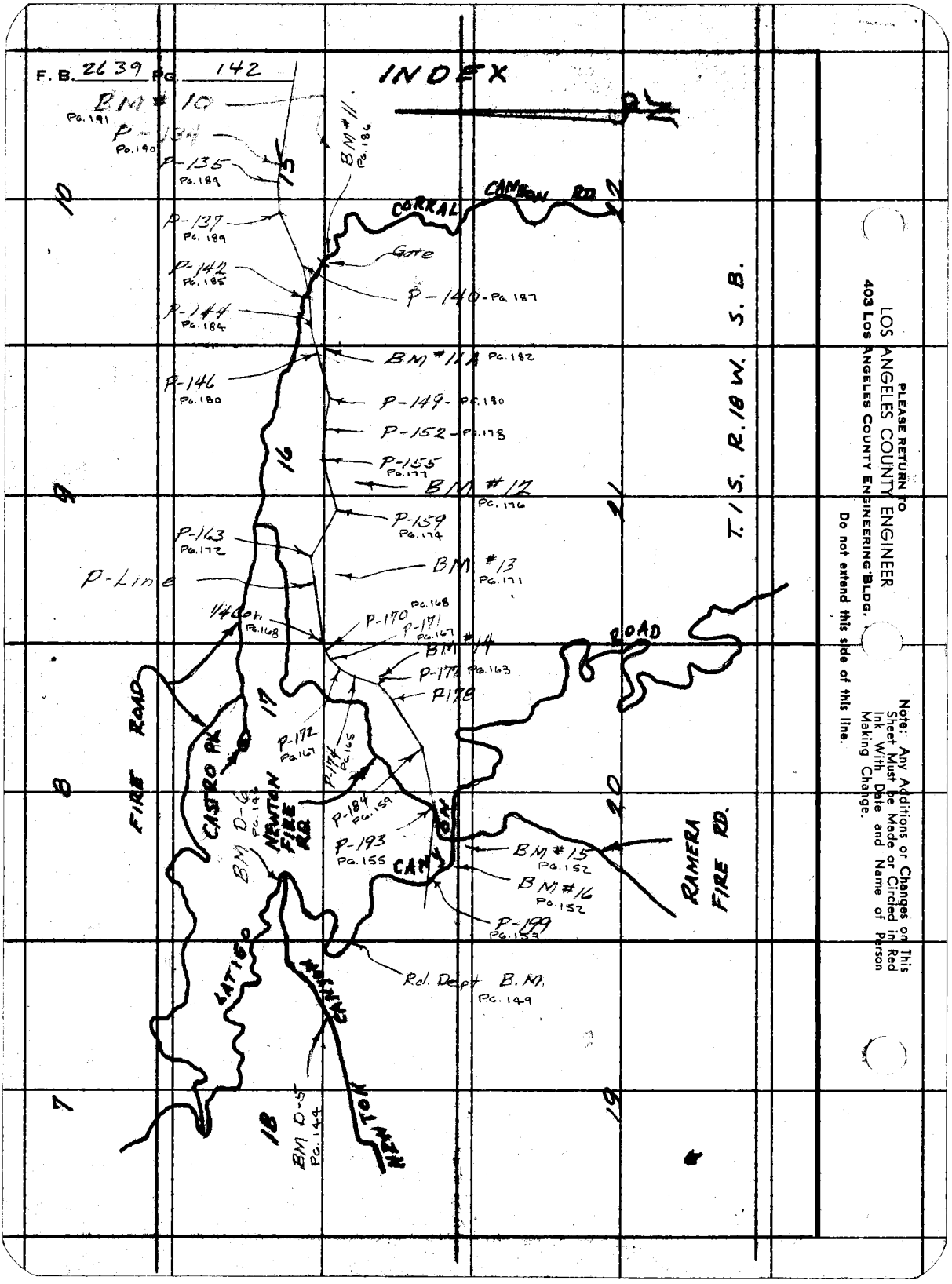

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NOTES RED. _____ JOB NO. 0779.20 SURVEY OF Castro Peak Levels F. B. 2639 PG. 143
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. _____ NOTES BY F. E. Brooks DATE 28 Nov 1962
DATE _____ INDEXED G. J. GALLI DATE _____

DESCRIPTION

J N 0779.20

CASTRO PEAK LEVELS

Route

From BM D-5 in Newton Canyon Ely to Latigo Canyon Rd. Then S'ly on Latigo canyon Rd. to P. line Then E'ly on P. line to Corral Canyon Rd.

ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
				F.E. Brooks K. M. Kopp E. Martinez G.E. Cook G.G. Valdez	

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765420 353 3-51

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JOB NO. 0779.20 SURVEY OF Castro Peak Levels
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks DATE 29 Nov 1962
INDEXED J. GALL DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2639 Pg. 144

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM D-5	1590.692			use		BM D-5 Elev. 1590.692 Per F.B. 445-198
+	~~5.490~~		8.342	8.480		Fd Std BM Mon. 5' N of entrance gate to
π	1599.172	~~+4.960~~	+ 4.954	4.952		Stone's Ranch (Now Northington's) 5/10 mile
−	~~1595.220~~		7.788	3.528		Down Newton Canyon Rd. from Int. Latigo
TP#1	1595.644					Canyon Rd. 250± ft. S. of E.W. 1/4 Sec line
+	8.130		8.000			to ctr. Section 18 East Bdry Stones Ranch
π	1603.774	+ 7.595	+ 7.595			
−	0.535		0.405			
T.P. #2	1603.239					
+	8.662		8.589			
π	1611.901	+ 7.635	+ 7.638			
−	1.027		0.951			
TP#3	1610.874					
+	10.761		10.466			
π	1621.635	+ 9.491	+ 9.489			
−	1.270		1.179			
TP#4	1620.365					
+	7.135		7.076			
π	1627.500	+ 4.126	+ 4.166			
−	2.619		2.658			
TP #5	1624.831					
+	10.598		10.538			
π	1635.429	+ 10.102	+ 10.104			
−	0.475		0.432			
T.P. #6	1634.954					
+	11.652		11.595			
π	1646.606	+ 11.520	+ 11.528			
−	0.522		0.464			
TP #7	1646.084					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP#7	1646.264 ✓					
+	10.416		10.310			
π	1656.680 ✓	+ 8.795	+ 8.792			
−	1.521		1.518			
TP#8	1655.059 ✓					
+	10.442		10.322			
π	1665.501 ✓	+ 8.879	+ 8.879			
−	1.563		1.443			
TP#9	1663.938 ✓					
+	11.503		11.446			
π	1675.441 ✓	+ 9.770	+ 9.768			
−	1.738		1.676			
TP#10	1673.708 ✓					
+	10.278		10.245			
π	1683.986 ✓	+ 8.415	+ 8.414			
−	1.863		1.881			
TP#11	1682.123 ✓					
+	10.910		10.865			
π	1693.033 ✓	+ 9.681	+ 9.684			
−	1.229		1.181			
TP#12	1691.804 ✓					
+	11.808		11.718			
π	1703.612 ✓	+ 11.340	+ 11.342			
−	0.468		0.376			
TP#13	1703.144 ✓					
+	10.358		10.318			
π	1713.502 ✓	+ 8.280	+ 8.279			
−	2.078		2.039			
TP#14	1711.424 ✓					

NOTES RED. _____ JOB NO. 0779.20 SURVEY OF Castle Park Levels
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. _____ NOTES BY F. E. Brooks DATE 28 Nov 1962
DATE _____ INDEXED C. J. GALLI DATE

F. B. 2639 PG. 145

JOB NO. 0779.20 SURVEY OF Castro Peak Levels NOTES RED. DATE
SURVEY BY F. E. Brooks DATE 29 Nov 1962 NOTES CHKD. DATE
NOTES BY F. E. Brooks DATE
INDEXED C. J. GAILI DATE

F.B. 2639 Pg. 146

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #14	1711.424					
+	11.098		11.194			
⊼	1722.522	+10.878	+10.879			
−	0.220		0.315			
TP #15	1722.302			USE		
+	~~10.[illegible]~~		10.155	10.079		
⊼	~~1732.590~~ 381	~~+9.[illegible]~~	+9.764	+9.784		
−	[illegible]		0.371	[illegible]		
TP #16	1732.08 ~~1732.[illegible]~~					
+	10.925		10.790			
⊼	1743.011	+9.868	+9.867			
−	1.057		0.923			
TP #17	1741.954					
+	9.723		9.677			Elev D-6 per F.B. 2938-92 = 1780.823
⊼	1751.677	+9.350	+9.349			" D-5 " " " " = 1590.714
−	0.373		0.328			diff = 190.109
TP #18	1751.304					190.098
+	10.861		10.781			.011
⊼	1762.165	+10.381	+10.381			1780.790
−	0.480		0.400			1590.692
TP #19	1761.685					190.098
+	11.485		11.292			
⊼	1773.110	+10.136	+10.[illegible]			
−	0.789		0.658			
TP #20	1772.321					BM D-6 Elev 1780.823 Per F.B. 445-201
+	9.420		9.[illegible]			Fd Std. C.S. Brass Cap Mon. 25± N.W.
⊼	1781.741	+8.469	+8.469			of Int. Latigo Canyon Rd. & Newton Canyon
−	0.951		0.867			Rd. Forestry Storage Tank 10' North of
BM D-6	1780.790					BM D-6

76S420 353 3-51

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NOTES RED. DATE
NOTES CHKD. DATE
JOB NO. 07719.20 SURVEY OF Castro Peak Levels
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks DATE 28 Nov 1972
INDEXED C. J. GALLI DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM D-6	1780.790					
+	5.800		5.701			
Π	1786.590	+3.331	+3.331			
−	2.469		2.370			
TP #21	1784.121					
+	9.061		9.141			
Π	1793.182	+8.370	+8.370			
−	0.691		0.771			
TP #22	1792.491					
+	9.403		9.330			
Π	1801.894	+8.735	+8.737			
−	0.668		0.593			
TP #23	1801.226					
+	9.517		9.594			
Π	1810.743	+9.115	+9.117			
−	0.402		0.400			
TP #24	1810.341					
+	9.329		9.201			
Π	1819.670	+8.212	+8.212			
−	1.118		0.999			
TP #25	1818.552					
+	9.743		9.630			
Π	1828.296	+7.491	+7.491			
−	2.252		2.139			
TP #26	1826.044					
+	8.371		8.244			
Π	1834.415	+7.799	+7.798			
−	0.572		0.442			
TP #27	1833.843					

F. B. 2639 PG. 147

F.B. 2639 PG. 148

JOB NO. 0779.20 SURVEY OF Castro Peak Levels NOTES RED. _____

SURVEY BY F. E. Brooks DATE _____

NOTES BY F. E. Brooks DATE 28 Nov 1962 NOTES CHKD. _____

INDEXED C. J. GALLI DATE _____ DATE _____

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP#27	1833.843					
+	9.522		9.463			
π	1843.365	+8.004	+8.005			
−	1.518		1.458			
TP#28	1841.847					
+	10.170		10.088			
π	1852.017	+8.311	+8.313			
−	1.859		1.775			
TP#29	1850.158					
+	9.569		9.487			
π	1859.727	+7.934	+7.935			
−	1.635		1.552			
TP#30	1858.092					
+	9.810		9.919	9.[illegible]		
π	1867.102	+8.892	+8.897	+8.89[illegible]		
−	0.918		1.022	1.[illegible]		
TP#31	1866.984					
+	10.532		10.480			
π	1877.516	+10.271	+10.[illegible]			
−	0.261		0.[illegible]			
TP#32	1877.255					
+	11.460		11.382			
π	1888.715	+10.415	+10.414			
−	1.045		0.968			
TP#33	1887.670					
+	9.650		9.603			
π	1897.320	+8.128	+8.128			
−	1.522		1.475			
TP#34	1895.798					

765420 353 3-51

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #34	1895.798 ✓					
+	9.552		9.480			
⊼	1905.350 ✓	+8.591	+8.592			
−	0.961		0.888			
TP #35	1904.389 ✓					
+	11.142		11.048			
⊼	1115.531 ✓	+10.777	+10.779			
−	0.365		0.269			
TP #36	1915.166 ✓					
+	10.153		10.093			
⊼	1925.319 ✓	+8.236	+8.237			
−	1.917		1.856			
TP #37	1923.402 ✓					
+	8.167		8.253			
⊼	1931.569 ✓	+6.105	+6.104			
−	2.062		2.149			
TP #38	1929.507 ✓					
+	8.972		9.017			
⊼	1938.479 ✓	+7.036	+7.036			
−	1.936		1.981			
TP #39	1936.543 ✓					
+	8.561		8.513			
⊼	1945.104 ✓	+6.769	+6.769			
−	1.792		1.744			
TP #40	1943.312 ✓					Rd. Dept BM 1962
+	10.082		10.013			
⊼	1953.394 ✓	+9.222	+9.224			
−	0.860		0.787			
TP #41	1952.534 ✓					

NOTES RED. _____ JOB NO. 07792C SURVEY OF Castro Peak Levels
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. _____ NOTES BY F. E. Brooks DATE 28 Nov 1962
DATE _____ INDEXED E. J. CALLI DATE [illegible]

F.B. 2639 PG. 149

F. B. 2639 PG. 150

JOB NO. 0779.20 SURVEY OF Castro Peak Levels NOTES RED. DATE

SURVEY BY F. E. Brooks DATE

NOTES BY F. E. Brooks DATE 28 Nov 1962 NOTES CHKD. DATE

INDEXED C. J. GALLA DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP# 41	1952.534 ✓					
+	9.416		9.352			
⊼	1961.950 ✓	+7.974	+7.973			
−	1.442		1.379			
TP# 42	1960.508 ✓					
+	10.289		10.209			
⊼	1970.797 ✓	+9.431	+9.431			
−	0.858		0.778			
TP# 43	1969.939 ✓					
+	8.730		8.650			
⊼	1978.669 ✓	+8.092	+8.090			
−	0.678		0.560			
TP# 44	1978.031 ✓					
+	9.478		9.428			
⊼	1987.509 ✓	+8.636	+8.638			
−	0.842		0.790			
TP# 45	1986.667 ✓					
+	9.431		9.371			
⊼	1996.098 ✓	+7.453	+7.453			
−	1.978		1.918			
TP# 46	1994.120 ✓					
+	8.825		8.878			
⊼	2002.945 ✓	+8.309	+8.308			
−	0.516		0.570			
TP# 47	2002.429 ✓					
+	10.520		10.477			
⊼	2012.949 ✓	+9.800	+9.799			
−	0.720		0.678			
TP# 48	2012.229 ✓					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP#48	2012.229					
+	9.916		9.865			
π	2022.145	+8.926	+8.925			
−	0.990		0.940			
TP#49	2021.155					
+	8.458		8.406			
π	2029.613	+7.560	+7.558			
−	0.898		0.848			
TP#50	2028.715					
+	10.427		10.328			
π	2039.142	+8.740	+8.740			
−	1.687		1.588			
TP#51	2037.455					
+	10.028		9.960			
π	2047.483	+9.099	+9.100			
−	0.929		0.860			
TP#52	2046.554					
+	9.319		9.261			
π	2055.873	+8.520	+8.521			
−	0.799		0.740			
TP#53	2055.074					
+	9.197		9.141			
π	2064.271	+8.330	+8.331			
−	0.867		0.810			
TP#54	2063.404					
+	9.059		9.163			
π	2072.463	+6.362	+6.360			
−	2.697		2.803			
TP#55	2069.766					

NOTES RED. _____ JOB NO. 0779.20 SURVEY OF Castro Peak Levels
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. _____ NOTES BY F. E. Brooks DATE 28 Nov. 1962
DATE _____ INDEXED _____ DATE _____

F. B. 2639 PG. 151

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JOB NO. 0777.20 SURVEY OF Castro Peak Lines NOTES RED.
SURVEY BY F. E. Brooks DATE
NOTES BY F. E. Brooks DATE 28 Nov. 1962 NOTES CHKD.
INDEXED C. J. GALLI DATE

F.B. 2639 Pg. 152

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #55	2069.766					
+	5.267		5.175			
π	2075.033	- 0.713	- 0.715			
−	5.980		5.890			
TP #56	2069.053					
+	6.530		6.485			
π	2075.583	+ 5.753	+ 5.754			
−	0.777		0.731			
BM #16	2074.806					BM #16 Elev. F.B.
+	11.797		11.719			28 ft ± W'ly of Latigo Canyon Rd 328 ft ±
π	2086.603	+ 9.846	+ 9.847			N W'ly of inter. of Latigo Canyon
−	1.951		1.872			Rd. and Newton & Ramera Fire-
TP #57	2084.652					roads at private drive to house
+	11.078		11.008			# 1821 & L.A. Co. Engr. Button
π	2095.730	+ 8.709	+ 8.709			mon. 2 ft S'ly of 2" marker pipe
−	2.369		2.299			
TP #58	2093.361					
+	8.686		8.545			
π	2102.047	+ 3.506	+ 3.506			
−	5.180		5.039			
BM #15	2096.867					BM #15 Elev. F.B.
+	5.308		5.478			66 ft ± S'ly of Latigo Canyon Rd. near
π	2102.175	- 3.499	- 3.499			inter. of Newton & Ramera Fire-
−	8.807		8.977			roads. A L.A.C. Engr. Button Brass
TP #59	2093.368					Cap cemented into the top of Water
+	2.269		2.467			Cistern L.A. Co. #1176 at W end
π	2095.637	- 8.713	8.713			of trap.
−	10.982		11.180			
TP #60	2084.655					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #60	2084.655					
+	1.709		1.890			
π	2086.364	-9.840	9.838			
−	11.549		11.728			
B.M. #16	2074.815					B.M. #16 Elev. = F.B.
+	0.417		0.540			See ~~[illegible]~~ Pg 152 for descrip.
π	2075.232	-5.753	5.756			
−	6.170		6.296			
T.P. #61	2069.062					
+	5.081		5.238			
π	2074.143	+4.859	4.859			
−	0.222		0.379			
T.P. #62	2073.921					
+	11.052		11.195			
π	2084.973	+10.642	10.643			
−	0.410		0.552			
T.P. #63	2084.563					
+	10.014		10.140			
π	2094.577	+6.643	6.641			
−	3.371		3.499			
P-199	2091.206					P-199
+	11.392		11.711			See F.B. 2605-129 (1x2)
π	2102.598	+8.380	8.380			
−	3.012		3.331			
P-198	2099.586					P-198
+	6.731		6.727			See F.B. 2605-129 (3/4" I.P.)
π	2106.317	-4.918	4.915			
−	11.649		11.642			
P-197	2094.668					P-197
						See F.B. 2605-129 (1x2)

NOTES RED. JOB NO. 0779.20 SURVEY OF Casto Peak Levels
DATE SURVEY BY F. E. Brooks
NOTES CHKD. NOTES BY K M Kapp DATE 29 Nov 1962
DATE INDEXED G. J. GALLI DATE

F.B. 2639 PG. 153

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Do not extend notes this side of this line

JOB NO. 0119.20 SURVEY OF Castro Peak Line
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks DATE 29 Nov 1962
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE
F.B. 2639 Pg. 154

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-197	2094.668					
+	1.230		1.031			
π	2095.898	-9.746	-9.747			
−	10.976		10.778			
TP#64	2084.922					
+	0.657		0.491			
π	2085.579	-8.880	-8.881			
−	9.537		9.372			
TP#65	2076.042					
+	0.438		0.318			
π	2076.480	-9.830	-9.830			
−	10.268		10.148			
TP#66	2066.212					
+	0.608		0.402			
π	2066.820	-8.632	-8.635			
−	9.240		9.037			
TP#67	2057.580					
+	6.362		6.141			
π	2063.942	-0.848	-0.849			
−	7.210		6.990			
P 196	2056.732					P196 1X2 & N F.B. 2605 - 129
+	7.187		7.080			
π	2063.919	+3.419	+3.420			
−	3.768		3.660			
P 195	2060.151					P195 TX2 & N F.B. 2605 - 128
+	11.558		11.648			
π	2071.709	+10.920	+10.719			
−	0.838		0.929			
T.P. #68	2070.871					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #68	2070.871					
+	11.253		11.169	11.412		
Π	2082.124	+10.569	+10.574	+10.571		
−	0.684		0.595	0.841		
TP #69	2081.440					
+	11.789		11.668			
Π	2093.229	+11.105	+11.107			
−	0.684		0.561			
TP #70	2092.545					
+	10.481		10.318			
Π	2103.026	+9.580	+9.578			
−	0.901		0.740			
TP #71	2102.125					
+	11.340		11.573			
Π	2113.465	+10.991	+10.992			
−	0.349		0.581			
TP #72	2113.116					
+	10.431		10.632			
Π	2123.547	+8.819	+8.819			
−	1.612		1.813			
TP #73	2121.935					aprox location of P 194 this point falls on edge of a bulldozed fire road
+	11.087		11.338			
Π	2133.022	+10.672	+10.669			
−	0.415		0.669			
TP #74	2132.607					
+	9.224		9.118			
Π	2141.831	+8.209	+8.210			
−	1.015		0.908			
TP #75	2140.816					aprox location of P 193. This point on top of a ridge on cut of fire break

NOTES RED. _____ DATE _____
NOTES CHKD. _____ DATE _____
INDEXED _____ DATE _____

JOB NO. 0779.20 SURVEY OF Castro Peak Levels
SURVEY BY E. E. Brooks DATE 29 Nov 1962
NOTES BY E. E. Brooks DATE _____
G. J. GALLI DATE _____

F. B. 2639 PG. 155

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JOB NO. 0779.20 SURVEY OF Castro Peak Levels NOTES RED. DATE
SURVEY BY E. E. Brooks
NOTES BY K. M. Kapp DATE 29 Nov 1962 NOTES CHKD. DATE
INDEXED C. J. GALLI DATE

F.B. 2639 PG. 156

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP#75	2140.816 ✓					
+	10.300		10.581			
π	2151.116 ✓	+9.365	+9.364			
−	0.935		1.217			
TP#76	2150.181 ✓					
+	9.570		9.417			
π	2159.751 ✓	+2.007	+2.008			
−	7.563		7.409			
P 192	2152.188 ✓					P 192 3/4" IP & Tag F.B. 2605-128
+	5.713		5.551			
π	2157.901 ✓	−5.628	−5.627			
−	11.341		11.178			
P 191	2146.560 ✓					P 191 ✓ 1X2 & N F.B. 2605-128
+	2.805		3.000			
π	2149.365 ✓	−7.573	7.573			
−	10.378		10.573			
T.P. #77	2138.987 ✓					
+	5.005		5.372			
π	2143.992 ✓	−5.151	5.150			
−	10.156		10.522			
T.P. #78	2133.836 ✓					
+	6.028		6.433			
π	2139.864 ✓	−5.115	5.118			
−	11.143		11.551			
P-190	2128.721 ✓					P-190 1X2 & N. F.B. 2605-127
+	1.059		1.398			
π	2129.780 ✓	−9.620	9.618			
−	10.679		11.016			
T.P. #79	2119.101 ✓					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #79	2119.101					
+	1.786		1.935			
π	2120.887	-9.843	9.843			
−	11.629		11.778			
P-189	2109.258					P-189 1X2 & N. F.B. 2605-127
+	1.696		1.651			
π	2110.954	-9.859	9.858			
−	11.555		11.509			
T.P. #80	2099.399					
+	2.798		2.893			
π	2102.197	-7.887	7.887			
−	10.685		10.780			
T.P. #81	2091.512					
+	0.326		0.988			
π	2091.838	-9.896	9.894			
−	10.222		10.882			
T.P. #82	2081.616					
+	1.601		1.757			
π	2083.217	-8.786	8.785			
−	10.389		10.542			
T.P. #83	2072.828					
+	0.323		0.349			
π	2073.151	-11.445	11.442			
−	11.768		11.791			
T.P. #84	2061.383					
+	2.067		2.227			
π	2063.450	-7.523	7.522			
−	9.590		9.749			
T.P. #85	2053.860					

NOTES RED. _____ JOB NO. 0779.20 SURVEY OF Castro Peak Levels
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DATE _____ INDEXED G. J. GALLI DATE _____

F.B. 2639 PG. 157

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JOB NO. 077920 SURVEY OF Castro Peak Levels NOTES RED. ____ DATE ____
SURVEY BY F. E. Brooks
NOTES BY K. M. Kapp DATE 11-30-62 NOTES CHKD. ____ DATE ____
INDEXED C. J. CALL DATE ____

F.B. 2639 Pg. 158

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #85	2053.860					
+	3.317		3.433			
π	2057.177	-7.505	-7.505			
−	10.822		10.938			
P-188	2046.355					P-188 1X2 ¢ N. F.B. 2605-127
+	10.946		11.335			
π	2057.303	+10.338	10.337			
−	0.610		0.998			
T.P. #86	2056.693					
+	~~11.556~~ 11.327		11.756	11.634		
π	2068.249	+6.273	6.311	+6.313		Used for 1st Run
−	~~5.283~~		5.445	5.321		
P-187	2063.006 ~~2062.966~~					P-187 1X2 ¢ N. F.B. 2605-127
+	8.743		8.634			
π	2071.749	+5.007	5.010			
−	3.736		3.624			
P-186	2068.013					P-186 1X2 ¢ N. F.B. 2605-126
+	6.635		6.736			
π	2074.648	+5.156	5.156			
−	1.479		1.580			
T.P. #87	2073.169					
+	9.702		9.549			
π	2082.871	+8.573	8.576			
−	1.129		0.973			
T.P. #88	2081.742					
+	8.881		9.148			
π	2090.623	+8.294	8.296			
−	0.587		0.852			
T.P. #89	2090.036					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #89	2090.036					
+	7.545		7.598			
π	2097.581	+5.421	5.423			
−	2.124		2.175			
P-185	2095.457					P-185 1X2 F.N. F.B. 2605-126
+	5.135		5.180			
π	2100.592	-2.708	2.708			
−	7.843		7.888			
P-184	2092.749					P-184 3/4" I.P. & C.E. Tag F.B. 2605-126
+	9.208		9.498	9.592		
π	2101.957	-0.813	0.809	0.810		
−	10.021		10.307	10.402		
P-183	2091.936					P-183 1X2 F.N. F.B. 2605-126
+	3.746		3.631			
π	2095.682	-5.444	5.443			
−	9.190		9.074			
T.P. #90	2086.492					
+	0.780		0.682			
π	2087.272	-10.146	10.146			
−	10.926		10.828			
T.P. #91	2076.346					
+	1.189		1.117			
π	2077.535	-8.912	8.912			
−	10.101		10.029			
T.P. #92	2067.434					
+	0.648		0.531	0.618		
π	2068.082	-9.585	9.603	-9.601		← Used for 1st Run
−	~~10.233~~		10.134	10.219		
T.P. #93	2057.833 ~~2057.849~~					

NOTES RED. _____ JOB NO. 0778.20 SURVEY OF Castro Peak Levels
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NOTES CHKD. _____ NOTES BY K. M. Kapp DATE 11-30-62
DATE _____ INDEXED B. J. GALLI DATE _____

F.B. 2639 PG. 159

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JOB NO. 0779.20 SURVEY OF Castro Peak Level's NOTES RED. ____ DATE ____
SURVEY BY F. E. Brooks
NOTES BY K.M. Kapp DATE 11-30-62 NOTES CHKD. ____ DATE ____
INDEXED R. J. GALL DATE ____

F.B. 2639 Pg. 160

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #93	2057.833					
+	0.628		0.522			
π	2058.461	-10.357	10.356			
−	10.985		10.878			
T.P. #94	2047.476					
+	0.727		0.562			
π	2048.203	-11.043	11.045			
−	11.770		11.607			
T.P. #95	2036.433					
+	0.582		0.459			
π	2037.015	-10.044	10.043			
−	10.626		10.502			
T.P. #96	2026.389					
+	11.218		11.382			Set 1X1 @ Approx. location of P-182 (F.B. 2605-126)
π	2037.607	+4.529	4.531			
−	6.689		6.851			
T.P. #97	2030.918					
+	11.382		11.318			
π	2042.300	+10.664	10.667			
−	0.718		0.651			
T.P. #98	2041.582					
+	9.968		9.851			
π	2051.550	+8.906	8.903			
−	1.062		0.948			
T.P. #99	2050.488					1X1
+	10.697		10.538			
π	2061.185	+9.159	+9.159			
−	1.538		1.379			
T.P. #100	2059.647					

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP# 100	2059.647					
+	10.706		10.915			
π	2070.353	+10.281	+10.280			
−	0.425		0.635			
TP #101	2069.928					
+	9.791		10.218			
π	2079.719	+9.279	+9.280			
−	0.512		0.938			
TP# 102	2079.207					
+	11.029		11.378			
π	2090.236	+10.578	+10.579			
−	0.451		0.799			
TP# 103	2089.785					
+	10.777		10.687			
π	2100.562	+6.726	+6.727			
−	4.051		3.960			
TP# 104	2096.511					
+	5.045		5.438			
π	2101.556	+4.413	+4.412			
−	0.632		1.026			
P-181	2100.924					P-181 1X2&N per F.B. 2605-125
+	10.752		11.007			
π	2111.676	+10.540	+10.539			
−	0.212		0.468			
TP# 105	2111.464					
+	10.968		11.211			
π	2122.432	+6.026	+6.023			
−	4.942		5.188			
P-180	2117.490					P-180 3/4" IP & Tag per F.B. 2605-125

NOTES RED. JOB NO. 0779.20 SURVEY OF Castro Peak Levels
DATE SURVEY BY F. E. Brooks
NOTES CHKD. NOTES BY F. E. Brooks DATE 3 Dec 1962
DATE INDEXED C. J. GALLI DATE

F.B. 2639 PG. 161

769420 353 3-51

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JOB NO. 0779.20 SURVEY OF Castro Peak Levels
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks DATE 3 Dec 1962
INDEXED J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2139 PG. 162

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-190	2117.490					
+	8.030		8.232			
π	2125.520	+ 5.267	+5.264			
-	2.763		2.968			
TP # 106	2122.757					
+	10.459		10.840			
π	2133.216	+ 9.970	+ 9.970			
-	0.489		0.870			
TP # 107	2132.727					
+	11.566		11.970			
π	2144.293	+ 9.269	+ 9.269			
-	2.297		2.701			
TP # 108	2141.996					
+	8.759		8.535			
π	2150.755	+ 7.056	+ 7.057			
-	1.703		1.478			
TP # 109	2149.052					
+	10.499		10.293			
π	2159.551	+ 8.488	+ 8.489			
-	2.011		1.804			
TP # 110	2157.540					
+	11.038		10.871			
π	2168.578	+ 10.469	+ 10.469			
-	0.569		0.402			
TP # 111	2168.009					
+	10.871		10.700			
π	2178.880	+ 1.658	+ 1.660			
-	9.213		9.040			
P-179	2169.667					P-179 1X24 N per F.B 2605 - 125

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-179	2169.667					
+	11.827		11.632			
Π	2181.494	+9.959	+9.961			
−	1.868		1.671			
P-178	2179.626					P-178 3/4" IP & Tag per F.B. 2605-126
+	1.788		1.503			
Π	2181.414	-8.534	-8.535			
−	10.322		10.038			
TP# 112	2171.092					
+	2.879		2.711			
Π	2173.971	-8.459	-8.457			
−	11.338		11.168			
TP#113	2162.633					
+	2.338		2.130			
Π	2164.971	-5.265	-5.263			
−	7.603		7.393			
TP#114	2157.368					aprox location of P-177 not set. on side of bulldozed trail
+	1.162		0.939			
Π	2158.530	-10.420	-10.419			
−	11.582		11.358			
TP#115	2146.948					
+	0.338		0.445			
Π	2147.286	-11.472	-11.473			
−	11.810		11.918			
BM#14	2135.476					BM#14 Elev. F.B.
+	11.283		11.435			S. 23° E. of Castro Peak on top of a Ridge
Π	2146.759	+9.570	+9.573			running S 65°E 60±ft S'ly of a saddle on ridge
−	1.713		1.862			2'ft N.W. of 2" marker Pipe a C.E. Precast mon.
P-176	2145.046					P-176 3/4" IP & Tag per F.B. 2605-124

NOTES RED. _____ JOB NO. 0779.20 SURVEY OF Castro Peak Levels
DATE _____ SURVEY BY F. E. Brooks DATE 3 Dec 1962
NOTES CHKD. _____ NOTES BY F. E. Brooks
DATE _____ INDEXED B. J. GALLI DATE _____

F.B. 2639 PG. 163

769420 353 3-51

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JOB NO. 2779.20 SURVEY OF Castro Peak Lands NOTES RED.
SURVEY BY F. E. Brooks DATE
NOTES BY F. E. Brooks DATE 3 Dec 1962 NOTES CHKD.
INDEXED C. J. CAIN DATE

F.B. 2639 PG. 164

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-176	2145.046					
+	4.738		4.498			
π	2149.784	-5.984	-5.984			
−	10.722		10.482			
TP#116	2139.062					
+	1.378		1.308			
π	2140.440	-8.380	-8.380			
−	9.758		9.688			
TP#117	2130.682					
+	1.352		0.858			
π	2132.034	-10.096	-10.097			
−	11.448		10.957			
TP#118	2120.586					
+	0.798		0.560			
π	2121.384	-10.038	-10.038			
−	10.836		10.598			
P-175	2110.548					P-175 1X2 N per FB 2605-124
+	0.427		0.176			
π	2110.975	-11.352	-11.354			
−	11.779		11.530			
TP#119	2099.196					
+	0.758		0.548			
π	2099.954	-11.185	-11.185			
−	11.943		11.733			
TP#120	2088.011					
+	0.848		0.613			
π	2088.859	-10.034	-10.035			
−	10.882		10.648			
TP#121	2077.977					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP#121	2077.977					
+	1.020		0.772			
Σ	2078.997	-9.958	-9.958			
−	10.978		10.730			
TP#122	2068.019					
+	1.495		1.246			
Σ	2069.514	-9.143	-9.145			
−	10.638		10.391			
TP#123	2058.876					
+	2.290		2.037			
Σ	2061.166	-8.077	-8.076			
−	10.367		10.113			
TP#124	2050.799					
+	0.275		0.583			
Σ	2051.074	-10.418	-10.420			
−	10.693		10.003			
TP#125	2040.381					
+	0.482		0.256			
Σ	2040.863	-8.916	-8.916			
−	9.398		9.172			
TP#126	2031.465					
+	1.711		1.473			
Σ	2033.176	-9.286	-9.287			
−	10.997		10.760			
P-174	2022.179					P-174 3/4" I.P. & Tag per F.B. 2605 pg 124
+	0.373		0.177			
Σ	2022.552	-10.185	-10.185			
−	10.558		10.362			
TP#127	2011.994					

NOTES RED. _____ JOB NO. 07779.20 SURVEY OF Castro Peak Levels
DATE _____ SURVEY BY F.E. BROOKS
NOTES CHKD. _____ NOTES BY F.E. Brooks DATE 3 Dec 1962
DATE _____ INDEXED R.J. GALL DATE _____

F.B. 2639 PG. 165

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Do not extend notes this side of this line

JOB NO. 0779.20 SURVEY OF Castro Peak Levels
SURVEY BY E. E. Brooks
NOTES BY E. E. Brooks DATE 4 Dec 1962
INDEXED E. J. GATES DATE
NOTES RED. DATE
NOTES CHKD. DATE
F.B. 2639 PG. 166

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #127	2011.994					
+	4.590		4.343			
π	2016.584	-6.770	-6.767			
-	11.360		11.615			
TP #128	2005.224					
+	4.715		4.528			
π	2009.939	+7.246	-7.244			
-	11.961		11.772			
P-173	1997.978					P-173 1X2&N per F.B. 2605 + 123
+	11.871		11.591			
π	2009.849	+7.248	+7.248			
-	4.623		4.343			
TP #129	2005.226					
+	11.494		11.338			
π	2016.720	+6.964	+6.967			
-	4.530		4.371			
TP #130	2012.190					
+	11.553		11.293			
π	2023.743	+10.543	+10.543			
-	1.010		0.750			
TP # 131	2022.733					
+	11.235		11.451			
π	2033.968	+10.729	+10.731			
-	0.506		0.720			
TP # 132	2033.462					
+	11.173		10.973			
π	2044.635	+9.835	+9.834			
-	1.338		1.139			
TP # 133	2043.297					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #133	2043.297					
+	10.788		11.012			
π	2054.085	+8.435	+8.434			
−	2.353		2.578			
TP #134	2051.732					
+	9.592		9.351			
π	2061.324	+8.855	+8.857			
−	0.737		0.494			
P-172	2060.587					P-172 3/4" IP & Tag F.B. 2605-123
+	3.760		3.585			
π	2064.347	−2.828	−2.827			
−	6.588		6.412			
TP #135	2057.759					
+	11.490		11.222			
π	2069.249	+10.952	+10.952			
−	0.538		0.270			
TP #136	2068.711					
+	6.331		6.187			
π	2075.042	+4.378	+4.379			
−	1.953		1.808			
TP #137	2073.089					
+	8.037		7.821			
π	2081.126	+6.508	+6.507			
−	1.529		1.314			
P-171	2079.597					P-171 3/4" IP & Tag · F.B. 2605-123
+	2.452		2.291			
π	2082.049	−6.058	−6.057			
−	8.510		8.348			
TP #138	2073.539					

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DATE _____ INDEXED E. J. GALL DATE _____

F.B. 2639 PG. 167

769420 353 3-51

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JOB NO. 0772.20 SURVEY OF Castro Peak Levels NOTES RED. ____ DATE ____
SURVEY BY E. E. Brooks
NOTES BY E. E. Brooks DATE 4 Dec. 1962 NOTES CHKD. ____ DATE ____
INDEXED ____ DATE ____

F.B. 2639 PG. 168

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP#138	2073.539					
+	0.832		0.762			
π	2074.371	-10.776	-10.777			
−	11.608		11.539			
TP# 139	2062.763					
+	3.852		3.807			
π	2066.615	-2.087	-2.086			
−	5.939		5.893			
P-170	2060.676					P-170 3/4" IP & Tag F.B. 2605-123
+	1.090		0.919			
π	2061.766	-7.868	-7.868			
−	8.958		8.787			
TP#140	2052.808					
+	1.274		1.191			
π	2054.082	-7.049	-7.049			
−	8.323		8.240			
1/4 Cor.	2045.759					1/4 Cor Sec 16-17 T13 R18W S.B. elev. taken on stud near 2nd R of SURVEYORS
+	5.162		4.948			
π	2050.921	-5.488	-5.490			
−	10.650		10.438			
P-169	2040.271			0.430		P-169 1X2&N F.B. 2605-122
+	0.266		0.278			
π	2040.537	-11.025	-11.031	-11.030		
−	2028.291		11.309	11.460		
TP # 141	~~2029.246~~					
+	2.629		2.928			
π	2031.875	-7.222	-7.222			
−	9.851		10.150			
P-168	2022.025					P-168 1X2&N F.B 2605-122

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-168	2022.0~~48~~ 23					
+	11.670		11.870			
⊼	2033.6~~88~~ 93	+10.885	+10.882			
−	0.785		0.988			
TP # 142	2032.90~~5~~ 8					
+	9.850		9.658			
⊼	2042.75~~3~~ 8	+8.955	+8.953			
−	0.895		0.705			
TP # 143	2041.8~~58~~ 63					
+	11.158		10.908			
⊼	2053.0~~16~~ 21	+10.488	+10.489			
−	0.670		0.419			
TP # 144	2052.3~~46~~ 51					
+	10.075		9.687			
⊼	2062.42~~7~~ 6	+7.668	+7.670			
−	2.407		2.017			
P-167	2060.0~~14~~ 19					P-167 1X2 & N F.B. 2605 - 122
+	10.813		10.658			
⊼	2070.82~~7~~ 52	+8.470	+8.470			
−	2.343		2.188			
P-166	2068.48~~4~~ 9					P-166 3/4" IP & Tag F.B. 2605 - 122
+	2.323		2.152			
⊼	2070.80~~7~~ 12	−8.790	+8.790			
−	11.113		10.942			
TP # 145	2059.69~~4~~ 9					
+	3.038		2.688			
⊼	2062.73~~2~~ 7	−7.665	−7.663			
−	10.703		10.351			
TP # 146	2052.02~~9~~ 34					

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DATE _____ INDEXED C. J. GALLI DATE _____

F.B. 2639 PG. 169

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SURVEY BY E. E. Brooks
NOTES BY E. E. Brooks DATE 4 Dec 1962
INDEXED C. J. GALLK DATE
NOTES RED. DATE
NOTES CHKD DATE

F.B. 2639 Pg. 176

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #146	2052.029					
+	1.052		0.716			
π	2053.087	-9.685	-9.685			
-	10.737		10.401			
TP #147	2042.347					
+	5.123		4.850			
π	2047.467	-4.629	-4.631			
-	9.752		9.481			
P-165	2037.715					P-165 1X2"N F.B. 2605-121
+	2.285		2.119			
π	2040.000	-8.965	-8.964			
-	11.250		11.083			
TP# 148	2028.750					
+	1.588		1.401			
π	2030.338	-10.220	-10.221			
-	11.808		11.622			
TP #149	2018.530					
+	2.832		2.523			
π	2021.362	-7.975	-7.972			
-	10.807		10.495			
TP #150	2010.555					
+	0.455		0.328			
π	2011.010	-10.805	-10.804			
-	11.260		11.132			
TP # 151	1999.750					
+	1.172		0.973			
π	2000.922	-10.336	-10.337			
-	11.508		11.310			
TP #152	1989.417					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #152	1989.41					
+	1.529		1.372			
π	1990.943	-10.412	-10.415			
-	11.941		11.787			
TP #153	1979.002					
+	0.929		0.818			
π	1979.934	-10.446	-10.445			
-	11.375		11.263			
BM #13	1968.556					BM #13 F/pr. F.B.
+	11.695		11.562			This mark is a L.A. Engr. Button
π	1980.251	+10.440	+10.445			Brass Cap cemented into the
-	1.249		1.117			top of a large flat Rock on the
TP #154	1979.002					top of a spur. a 2" market pipe
+	11.273		11.518			3' N. Mark stamped BM #13 1962
π	1990.275	+11.083	+11.084			RE 5869. BM #13 → painted on
-	0.190		0.434			N. side of Rock BM #14 Bears
TP #155	1990.085					S. 60° W.
+	0.588		0.316			
π	1990.673	-11.201	-11.201			
-	11.789		11.517			
TP #156	1978.884					
+	0.568		0.678			
π	1979.452	-10.112	-10.114			
-	10.680		10.792			
TP #157	1968.772					
+	11.775		11.803			
π	1980.547	+0.128	+0.130			
-	11.647		11.673			
TP #158	1968.902					

NOTES RED. _____ JOB NO. 0779.20 SURVEY OF Castro Peak levels
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DATE _____ INDEXED R. J. CALL DATE _____

F.B. 2639 Pg. 171

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JOB NO. 4779.20 SURVEY OF Castro Peak Levels NOTES RED. ____ DATE ____
SURVEY BY E. E. Brooks
NOTES BY E. E. Brooks DATE 5 Dec 1962 NOTES CHKD. ____ DATE ____
INDEXED E. J. GALLI DATE ____

F.B. 2639 PG. 172

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #158	1968.908					
+	2.711		2.332			
π	1971.619	-4.547	-4.547			
−	7.258		6.879			
P-164	1964.353					P-164 1X24N F.B. 2605-121
+	7.705		8.050			
π	1972.058	+5.676	+5.673			
−	2.029		2.377			
TP #159	1970.029					
+	8.245		8.382			
π	1978.274	+6.336	+6.334			
−	1.909		2.048			
TP # 160	1976.365					
+	11.112		10.972			
π	1987.477	+9.675	+9.675			
−	1.437		1.297			
TP #161	1986.045					
+	10.669		10.552			
π	1996.724	+8.401	+8.400			
−	2.268		2.152			
TP #162	1994.447					
+	10.008		10.230			
π	2004.449	+7.921	+7.920			
−	2.087		2.310			
P-163	2002.362					P-163 3/4" IP. F.B. 2605-121
+	3.521		3.389			
π	2005.883	-3.098	-3.099			
−	6.619		6.488			
T.P. #163	1999.264					

76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #163	1999.26					
+	3.372		3.251			
π	2002.6	-5.270	-5.269			
-	8.642		8.520			
TP #164	1993.99					
+	2.706		2.517			
π	1996.70	-4.815	-4.815			
-	7.521		7.332			
P-162	1989.17					P-162 / 1X2 & N. F.B. 2605 - 121
+	9.188		9.038			
π	1998.36	+3.380	+3.380			
-	5.808		5.658			
TP #165	1992.55					
+	10.612		10.418			
π	2003.17	+5.560	+5.560			
-	5.052		4.858			
P-161	1998.1					P-161 / 1X2 & N F.B. 2605 - 121
+	1.123		1.005			
π	1999.24	-10.020	-10.020			
-	11.143		11.025			
TP #166	1988.2					
+	0.688		0.473			
π	1988.78	-8.996	-8.997			
-	9.664		9.450			
TP #167	1979.12					
+	4.489		4.210			
π	1983.61	-6.308	-6.308			
-	10.798		10.518			
TP #168	1972.8					

NOTES RED. _____ JOB NO. 0179.20 SURVEY OF Castro Peak Levels
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. _____ NOTES BY F. E. Brooks DATE 5 Dec. 1962
DATE _____ INDEXED C. J. CALLI DATE _____

F.B. 2639 PG. 173

768420 353 3-51

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JOB NO. 0779.20 SURVEY OF Castro Park Levels
SURVEY BY E. E. Brooks
NOTES BY E. E. Brooks DATE 5 Dec 1962
INDEXED C. J. GALL DATE "
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2639 PG. 174

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #168	1972.845					
+	4.345		4.086			
T	1977.168	-3.132	-3.131			
−	7.477		7.217			
P-160	1969.683					P-160 1X2 & N F.B. 2605 - 120
+	11.120		10.715			
T	1980.803	+5.817	+5.817			
−	5.303		4.899			
TP #169	1975.505					
+	11.312		11.166			
T	1986.817	+9.878	+9.878			
−	1.434		1.288			
TP #170	1985.383					
+	10.558		10.332			
T	1995.941	+9.546	+9.544			
−	1.012		0.788			
TP #171	1994.929					
+	8.650		8.385			
T	2003.579	+3.065	+3.064			
−	5.585		5.321			
P-159	1997.994					P-159 3/4" IP & Tag F.B. 2605 - 120
+	2.302		2.130			
T	2000.296	-5.786	-5.788			
−	8.088		7.918			
TP #172	1992.203					
+	0.258		0.592			
T	1992.461	-8.705	-8.708			
−	8.963		9.280			
P-158	1983.498 503					P-158 1X2 & N F.B. 2605 - 120

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-158	1983.~~498~~ 508					
+	2.929		2.690			
π	1986.4~~27~~ 32	-8.819	-8.818			
-	11.748		11.508			
P-157	1974.6~~79~~ 84					P-157 1X2&N F.B. 2605-120
+	0.722		0.583			
π	1975.40~~7~~ 6	-10.454	-10.455			
-	11.176		11.038			
TP#173	1964.2~~25~~ 30					
+	1.228		1.041			
π	1965.45~~3~~ 8	-10.034	-10.032			
-	11.262		11.073			
TP#174	1954.19~~1~~ 6					
+	1.702		1.558			
π	1955.89~~3~~ 8	-9.792	-9.794			
-	11.49~~7~~ 4		11.352			
TP#175	1944.~~399~~ 404					
+	0.960		1.167			
π	1945.3~~59~~ 64	-9.041	-9.041			
-	10.001		10.208			
TP#176	1935.3~~58~~ 63					
+	1.160		1.025			
π	1936.5~~18~~ 23	-10.756	-10.754			
-	11.916		11.779			
TP#177	1924.60~~2~~ 7					
+	1.738		1.547			
π	1926.34~~8~~ 5	-8.031	-8.030			
-	9.769		9.577			
TP#178	1916.57~~1~~ 6					

NOTES RED. _____ JOB NO. 0779.20 SURVEY OF Castro Peak Levels
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. _____ NOTES BY E. E. Brooks DATE 6 Dec 1962
DATE _____ INDEXED E. J. Gatts DATE _____

F.B. 2639 PG. 175

768420 353 3-51

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JOB NO. 0779.20 SURVEY OF Castro Peak Level
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks DATE 6 Dec 1962 NOTES CHKD.
INDEXED E. J. GALLI DATE DATE NOTES RED. DATE

F.B. 2639 Pg. 176

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP#178	1916.57					
+	1.509		1.361			
T	1918.08	-6.066	-6.067			
-	7.575		7.428			
BM#12	1910.50					BM#12 Elev. F.B.
+	10.462		11.025	10.862		This mark is a C.E. Button Mon. set
T	1921.27	+10.544	+10.550	+10.547		on the top of a spur at ±8ft
-	0.218		0.475	0.315		in spur. BM#12 → pointed
TP#179	1921.05					on N side of large Rock. Mon.
+	10.278		10.152			15' W. of Point of Arrow & 2.5'
T	1931.32	+9.513	+9.512			N.W. of 2" marker pipe Mon.
-	0.765		0.640			Stamped BM#12 RE 5869 1962
TP#180	1930.56					
+	7.073		6.893			
T	1937.63	+4.575	+4.575			
-	2.498		2.318			
TP#181	1935.13					
+	4.424		4.212			
T	1939.56	-2.256	-2.256			
-	6.680		6.468			
P-156	1932.88					P-156 1X2 & N F.B. 2605-120
+	10.892		10.666	10.418		
T	1943.77	+9.622	+9.628	+9.625		
-	1.270		1.038	0.993		
TP#182	1942.50					
+	10.536		10.338			
T	1953.03	+7.190	+7.198			
-	3.334		3.140			
TP#183	1949.~~699~~ 704					

765420 353 3-51

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NOTES RED. DATE
NOTES CHKD. DATE
JOB NO. 0779.20 SURVEY OF Castro Peak Levels
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks DATE 6 Dec 1962
INDEXED R. J. Gatti DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP# 183	1949.69 (704)					
+	10.462		10.770			
=	1960.161	+8.342	+8.342			
−	2.120		2.428			
TP# 184	1958.041					
+	10.417		10.169			
=	1968.458 (65)	+9.134	+9.134			
−	1.293		1.035			
TP# 185	1967.165 (80)					
+	11.362		11.185			
=	1978.527 (42)	+10.525	+10.527			
−	0.837		0.648			
TP# 186	1977.705 (5)					
+	11.275		11.352			
=	1988.922 (80)	+10.052	+10.052			
−	1.223		1.300			
TP# 187	1987.752 (7)					
+	9.906		9.691			
=	1997.658 (63)	+7.716	+7.715			
−	2.190		1.976			
P-155	1995.468 (73)					P-155 3/4" IP & Tag F.B. 2605-119
+	4.850		4.735			
=	2000.313 (23)	−6.158	−6.161			
−	11.008		10.896			
P-154	1989.315 (5)					P-154 1X28 N. F.B. 2605-119
+	10.721		10.468			
=	2000.03X (6)	−0.663	−0.663			
−	10.058		9.805			
P-153	1989.97X (8)					P-153 1X28 N. F.B. 2605-119

F.B. 2637 PG. 177

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0779.20 SURVEY OF Costa Park Levels
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks DATE 7 Dec 1962
INDEXED C. J. CAIN DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2639 Pg. 178

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-153	1989.973					
+	6.22		6.117			
=	1996.195	-1.467	-1.469			
−	4.755		4.648			
P-152	1991.445					P-152 3/4" IP & Tag F.B. 2605-118
+	1.570		1.428			
=	1993.018	-10.187	-10.185			
−	11.757		11.613			
TP #188	1981.253					
+	0.653		0.875			
=	1981.906	-10.809	-10.810			
−	11.462		11.685			
TP # 189	1970.444					
+	0.648		0.960			
=	1971.092	-10.663	-10.664			
−	11.311		11.624			
TP #190	1959.786					
+	0.742		0.543			
=	1960.528	-10.320	-10.318			
−	11.062		10.861			
TP #191	1949.466					
+	1.062		1.288			
=	1950.528	-10.607	-10.607			
−	11.674		11.895			
TP #192	1938.854					
+	1.432		1.241			
=	1940.289	-8.981	-8.979			
−	10.416		10.220			
TP # 193	1929.873					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP#193	1929.873					
+	3.558		3.429			
⊼	1933.437	- 4.366	- 4.366			
-	7.924		7.795			
P-151	1925.507					P-151 1X2+N F.B. 2605 - 118
+	10.662		10.390			
⊼	1936.169	+ 6.834	+ 6.835			
-	3.828		3.555			
TP# 194	1932.341					
+	11.360		11.582			
⊼	1943.701	+ 9.610	+ 9.612			
-	1.750		1.970			
TP#195	1941.951					
+	11.515		11.839			
⊼	1953.466	+ 10.005	+ 10.007			
-	1.510		1.832			
TP#196	1951.956					
+	11.310		11.710			
⊼	1963.266	+ 8.675	+ 8.674			
-	2.635		3.036			
TP# 197	1960.631					
+	11.353		11.222			
⊼	1971.984	+ 10.485	+ 10.485			
-	0.868		0.737			
TP# 198	1971.116					
+	6.976		6.754			
⊼	1978.092	+ 4.866	+ 4.866			
-	2.110		1.888			
P-150	1975.982					P-150 1X2+N F.B. 2605 - 118

NOTES RED. _____ JOB NO. 0779.20 SURVEY OF Castro Peak Lot
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. _____ NOTES BY F. E. Brooks DATE 7 Dec 1962
DATE _____ INDEXED R. J. Gatti DATE _____

F.B. 2639 PG. 179

76S420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-150	1975.98~~2~~					
+	10.893		10.680			
π	1986.8~~75~~ 80	+9.461	+9.463			
−	1.432		1.217			
TP #199	1985.44~~7~~ 8					
+	11.161		10.936			
π	1996.60~~4~~ 9	+7.184	+7.185			
−	3.977		3.751			
P-149	1992.6~~27~~ 22					P-149 ✓ 3/4" IP & Tag F.B. 2605-118
+	8.472		8.368			
π	2001.~~099~~ 104	+2.197	+2.200			
−	6.275		6.168			
P-148	1994.82~~4~~ 9					P-148 ✓ 1X2 & N F.B. 2605-118
+	5.112		5.012			
π	1999.9~~36~~ 41	−6.418	−6.420			
−	11.530		11.432			
TP #200	1988.4~~06~~ 11					
+	5.976		5.749			
π	1994.38~~2~~ 7	−3.609	−3.608			
−	9.585		9.357			
P-147	1984.~~797~~ 802					P-147 ✓ 1X2 & N F.B. 2605-118
+	8.693		8.475			
π	1993.49~~8~~ 5	−2.579	−2.580			
−	11.272		11.055			
TP #201	1982.2~~18~~ 23					
+	9.812		9.591			
π	1992.03~~8~~ 5	+5.094	+5.095			
−	4.718		4.496			
P-146	1987.31~~2~~ 7					P-146 ✓ 3/4" IP & Tag FB 2605-117

JOB NO. 0779.20 SURVEY OF Castro Peak Levels NOTES RED.
SURVEY BY F. E. Brooks DATE
NOTES BY F. E. Brooks DATE 7 Dec 1962 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2639 PG. 180

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-146	1987.312					
+	0.898		0.635			
π	1988.218	-10.574	-10.574			
-	11.492		11.209			
TP #202	1976.73					
+	0.401		0.206			
π	1977.13	-11.567	-11.566			
-	11.968		11.702			
TP #203	1965.171					
+	0.929		0.649			
π	1966.108	-10.982	-10.982			
-	11.911		11.631			
TP #204	1954.184					
+	0.512		0.288			
π	1954.707	-11.166	-11.167			
-	11.678		11.455			
TP #205	1943.023					
+	0.762		0.612			
π	1943.785	-10.891	-10.890			
-	11.653		11.502			
TP #206	1932.132					
+	0.938		0.782			
π	1933.078	-9.964	-9.967			
-	10.902		10.749			
TP #207	1922.168					
+	0.962		0.759			
π	1923.132	-10.600	-10.599			
-	11.562		11.358			
TP #208	1911.568					

NOTES RED. _____ JOB NO. 2779.20 SURVEY OF Castro Peak Levels
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. _____ NOTES BY E. E. Brooks DATE 7 Dec 1962
DATE _____ INDEXED G. J. Galli DATE _____

F.B. 2439 PG. 181

769420 353 3-51

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JOB NO. 0779.20 SURVEY OF Costo Peak Levels NOTES RED.
SURVEY BY F. E. Brooks DATE
NOTES BY E. E. Brooks DATE 7 Dec 1962 NOTES CHKD.
INDEXED C. J. CALL DATE

F.B. 2639 Pg. 182

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP # 208	1911.56~~2~~ 73					
+	0.735		0.512			
π	1912.30~~7~~ 9	-11.058	-11.058			
-	11.793		11.570			
TP # 209	1900.51~~8~~ 5					
+	0.468		0.317			
π	1900.9~~76~~ 83	-9.971	-9.971			
-	10.439		10.288			
TP # 210	1890.53~~9~~ 44					
+	0.652		0.421			
π	1891.19~~1~~ 6	-9.678	-9.677			
-	10.330		10.098			
BM # 11A	1880.86~~7~~ 6					BM # 11A Elev. F.B.
+	11.931		11.689			This mark is a Co. Engr. Button
π	1892.79~~2~~ 7	+10.289	+10.291			Precast Mon set on a side
-	1.642		1.398			hill 22 ft W. of 1/4 Cor. mon
TP # 211	1891.1~~50~~ 5					Sec 15-N T1S R18W S.B.
+	11.975		11.710			and 2 ft S. of 2" marker
π	1903.1~~25~~ 30	+7.322	+7.322			pipe
-	4.653		4.388			
TP # 212	1898.47~~2~~ 7					
+	11.128		11.274			
π	1909.60~~2~~ 5	+9.503	9.502			
-	1.625		1.772			
T.P. # 213	1907.9~~75~~ 80					
+	8.461		8.615			
π	1916.4~~36~~ 41	+7.345	7.345			
-	1.116		1.270			
T.P. # 214	1915.32~~2~~ 5					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #214	1915.325					
+	10.734		11.061			
π	1926.059	+9.292	9.293			
−	1.442		1.768			
T.P. #215	1924.617					
+	9.978		10.268			
π	1934.595	+9.553	9.553			
−	0.425		0.715			
T.P. #216	1934.170					
+	10.732		10.872			
π	1944.902	+7.982	7.983			
−	2.750		2.889			
T.P. #217	1942.152					
+	11.410		11.751			
π	1953.562	+11.045	11.045			
−	0.365		0.706			
P-145	1953.197					P-145 1x2 & N. F.B. 2605-117
+	5.060		5.345			
π	1958.257	+2.141	2.142			
−	2.919		3.203			
T.P. #218	1955.338					
+	9.888		10.550			
π	1965.226	+7.201	7.200			
−	2.687		3.350			
T.P. #219	1962.539					
+	10.831		11.232	11.304		
π	1973.370	+8.613	8.619	+8.617		← used for 1st Run
−	2.218		2.613	2.687		
T.P. #220	1971.152					

Korn Level

NOTES RED. _____ JOB NO. 0779.20 SURVEY OF Castro Peak Levels
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. _____ NOTES BY K.M. Kapp DATE 10 Dec 1962
DATE _____ INDEXED C. J. GALLI DATE _____

F.B. 2639 PG. 183

765420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 2779.20 SURVEY OF Castro Peak Levels NOTES RED. ____ DATE ____
SURVEY BY E. E. Brooks
NOTES BY K. M. Kapp DATE 12-10-62 NOTES CHKD. ____ DATE ____
INDEXED B. J. CAIN DATE ____

F.B. 2639 PG. 184

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #220	1971.152					
+	11.881		11.484			
π	1983.033	+10.046	10.046			
−	1.835		1.438			
T.P. #221	1981.198					
+	11.209		11.448			
π	1992.407	+8.467	8.466			
−	2.742		2.982			
T.P. #222	1989.665					
+	11.397		11.432	11.711		
π	2001.062	+10.455	10.440	10.453		
−	0.942		0.992	1.258		
T.P. #223	2000.120					
+	11.819		11.940			
π	2011.938	+8.638	8.637			
−	3.181		3.303			
T.P. #224	2008.758					
+	11.690		11.392			
π	2020.447	+8.951	8.948			
−	2.739		2.444			
T.P. #225	2017.708					
+	8.838		8.734	9.000		
π	2026.547	+3.077	2.786	3.080		
−	5.761		5.948	5.920		
P-144	2020.785					P-144 3/4" I.P. & Tag F.B. 2605-117
+	1.582		1.632			
π	2022.367	−9.018	9.021			
−	10.600		10.653			
T.P. #226	2011.769					

Kern Level

76S420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #226	2011.76					Kern Level
+	1.488		1.541			
Π	2013.255	-6.927	6.926			
−	8.415		8.467			
T.P. #227	2004.84					
+	0.677		0.874	0.973		
Π	2005.71	-10.538	10.530	10.539		
−	11.415		11.424	11.512		
P-143	1994.30					P-143 1X2 (rotted) F.B. 2605-112
+	5.473		5.515	5.710		
Π	1999.775	-0.517	0.535	-0.535		used for 1st Run
−	5.990		6.050	6.245		
T.P. #228	1993.786					
+	0.993		0.900			
Π	1994.79	-8.105	8.103			
−	9.098		9.003			
T.P. #229	1985.69					T.P. #229 Approx. location of
+	6.723		6.572	6.705		P-142 F.B. 2605-116
Π	1992.404	-4.752	4.756	4.755		set 1X1
−	11.475		11.328	11.460		
T.P. #230	1980.929					T.P. #230 Approx. location of
+	11.751		11.694			P-141 F.B. 2605-116
Π	1992.680	+11.433	11.434			set 1X1
−	0.318		0.260			
T.P. #231	1992.362					
+	9.020		8.944			
Π	2001.382	+6.262	6.261			
−	2.758		2.683			
T.P. #232	1998.624					

NOTES RED. ____ JOB NO. 0779.20 SURVEY OF Castro Peak Levels
DATE ____ SURVEY BY F. E. Brooks
NOTES CHKD. ____ NOTES BY K. M. Kapp DATE 12-10-62
DATE ____ INDEXED ____ DATE ____

F.B. 2639 PG. 185

765420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0779.2 SURVEY OF Castro Peak Levels NOTES RED. ____ DATE ____
SURVEY BY E. E. Brooks
NOTES BY K. M. Kepp DATE 12-10-62 NOTES CHKD. ____ DATE ____
INDEXED C. J. GALLI DATE ____

F.B. 2639 PG. 186

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #232	1998.624 ~~.625~~					
+	6.832		6.715			
π	2005.456 ~~.457~~	-0.755	0.753			
−	7.587		7.468			
T.P. #233	1997.869 ~~.850~~					
+	4.804		3.107	3.056		
π	2002.673 ~~.654~~	+3.155	-0.582	-0.581		← Used for 1st RUN
−	1.649		3.689	3.637		
T.P. #234	~~1997.269~~ ~~2001.005~~	1997.236				
+	5.327		5.207			
π	2002.563 ~~.596~~	+0.662	0.662			
−	4.665		4.545			
T.P. #235	1997.898 ~~1997.931~~					
+	6.996		6.890			
π	2004.894 ~~.927~~	+5.871	5.871			
−	1.175		1.019			
BM #11	2003.769 ~~.802~~					BM #11 Elev. = F.B.
+	1.032		0.908			This mark on Corral Canyon Rd.
π	2004.801 ~~.834~~	-5.566	5.566			19 ft. ± E. of ℄ of Rd. & 188
−	6.598		6.474			ft. S.E. of gate at end of
T.P. #236	1998.203 ~~1998.236~~					road. Brass Cap Button pre-
+	3.024		3.091			cast Mon. 2 ft. N.E. of 2"
π	2001.227 ~~.260~~	-1.948	1.950			marker Pipe. Stamped "BM #11
−	4.972		5.041			1962 R.E. 5869"
T.P. #237	1996.255 ~~1996.288~~					
+	9.376		9.323			
π	2005.631 ~~.664~~	+1.187	1.184			
−	8.189		8.139			
T.P. #238	1997.442 ~~1997.475~~					

76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #238	1997.442 ~~1997.415~~					
+	0.818		0.777			
Π	1998.260 1998.293	-9.372	9.372			
−	10.190		10.149			
T.P. #239	88.070 ~~1988.103~~					
+	0.922		0.838			
Π	88.992 ~~1989.025~~	-10.572	10.571			
−	11.494		11.409			
T.P. #240	77.498 ~~1977.531~~					
+	0.396		0.275			
Π	77.894 ~~1977.927~~	-11.300	11.301			
−	11.696		11.576			
T.P. #241	66.198 ~~1966.231~~					
+	0.632		0.490			
Π	66.830 ~~1966.863~~	-10.688	10.691			
−	11.320		11.181			
T.P. #242	5.510 ~~1955.543~~					
+	0.619		0.520			
Π	6.129 ~~1956.162~~	-10.798	10.796			
−	11.417		11.316			
T.P. #243	4.712 ~~1944.745~~					
+	0.565		0.348	0.649		
Π	5.361 ~~1945.310~~	-9.286	9.278	-9.279		← Used for 1st Run
−	9.851		9.626	9.928		
T.P. #244	~~1935.466~~ ~~1935.459~~	1935.433				
+	2.596		2.437			
Π	38.029 ~~1938.062~~	-2.613	2.612			
−	5.209		5.049			
P-140	2.820 ~~1932.853~~					P-140 3/4" I.P. & Tag F.B. 2605-116

NOTES RED. _____ JOB NO. 0779.20 SURVEY OF Castro Peak Levels
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. _____ NOTES BY K.M. Kapp DATE 12-11-62
DATE _____ INDEXED R. J. GALL DATE _____

F.B. 2639 PG. 187

768420 353 3-51

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0779.20 SURVEY OF Castro Peak Levels NOTES RED. DATE
SURVEY BY E. E. Brooks
NOTES BY K. M. Kapp DATE 12-11-62 NOTES CHKD. DATE
INDEXED C. J. GALLI DATE

F.B. 2639 PG. 188

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-140	2.820 ~~1932.853~~					
+	11.523		11.758			
π	4.343 ~~1944.376~~	+9.898	9.897			
−	1.625		1.861			
T.P. #245	2.718 1942.131					
+	10.270		10.310			
π	2.988 ~~1953.021~~	+7.721	7.721			
−	2.549		2.589			
T.P. #246	0.439 ~~1950.472~~					
+	11.350		11.592			
π	1.789 ~~1961.822~~	+10.908	10.909			
−	0.442		0.683			
T.P. #247	1.347 ~~1961.380~~					
+	10.688		10.876			
π	2.035 ~~1972.068~~	+5.884	5.665			
−	1.809		4.991			
P-139	67.231 1967.264					P-139 1X2 FN. F.B. 2605-116
+	11.800		11.981			
π	79.031 ~~1977.064~~	+10.156	10.155			
−	1.644		1.826			
T.P. #248	77.387 ~~1977.420~~					
+	11.274		11.431			
π	88.661 1988.694	+7.125	7.123			
−	4.149		4.308			
T.P. #249	4.512 ~~1984.545~~					
+	11.885		11.746			
π	1996.397 ~~1996.430~~	+10.976	10.975			
−	0.909		0.771			
T.P. #250	5.488 ~~1995.521~~					

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #250	199~~8.521~~ 5.455					
+	11.530		11.565			
π	2007~~.251~~ .018	+7.862	7.863			
−	3.668		3.702			
P-138	200~~3.383~~ 3.350					P-138 1X2 ¢ N. F.B. 2605-116
+	11.813		11.570			
π	201~~1.176~~ 5.763	+11.370	11.368			
−	0.443		0.202			
T.P. #251	2014.753 4.720					
+	11.600		11.501			
π	206~~6.853~~ 26.320	+10.521	10.521			
−	1.079		0.980			
P-137	2025.274 5.241					P-137 3/4" I.P. & Tag F.B. 2605-115
+	1.010		0.851			
π	2026.264 26.257	-10.392	10.391			
−	11.402		11.242			
T.P. #252	2014.862 4.849					
+	0.323		0.196			
π	2015.205 5.372	-8.606	8.809			
−	9.129		9.007			
P-136	2006.076 6.043					P-136 1X2 ¢ N. F.B. 2605-115
+	3.765		3.670	3.855		
π	2009.841 9.898	+2.875	1.870	+1.869		
−	0.890		1.800	1.986		
T.P. #253	~~2007.945~~ ~~2008.951~~	2007.912				
+	1.179		1.392			
π	2009.124 9.081	-1.869	1.869			
−	3.048		3.261			
P-135	200~~[illegible]~~ 6.043					P-135 3/4" I.P. & Tag F.B. 2605-115

NOTES RED. _____ JOB NO. 0779.20 SURVEY OF Castro Peak Levels
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. _____ NOTES BY K. M. Kapp DATE 12-11-62
DATE _____ INDEXED G. J. GALLI DATE _____

F.B. 2639 PG. 189

769420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0779.20 SURVEY OF Castro Peak Levels NOTES RED. DATE
SURVEY BY F. E. Brooks
NOTES BY K. M. Kapp DATE 12-11-62 NOTES CHKD. DATE
INDEXED C. J. Gall DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-135	200 ~~6.076~~ 6.043					
+	0.399		0.312			
π	200 ~~6.475~~ 6.442	-10.728	10.728			
−	11.127		11.040			
T.P.#254	~~1995.348~~ 1995.315					
+	0.706		0.569	0.450		
π	~~1996.054~~ 1995.760	-9.657	9.652	-9.653	+2 Used for 1st Run	
−	10.363		10.221	10.103		
T.P.#255	~~1985.695~~ ~~1985.691~~ 1985.662					
+	1.075		0.890			
π	1986.737 ~~1986.710~~	-9.788	9.789			
−	10.863		10.677			
T.P.#256	75.874 ~~1975.907~~					
+	1.131		1.027			
π	77.005 ~~1977.030~~	-10.660	10.678			
−	11.811		11.705			
T.P.#257	65.194 ~~1965.224~~					
+	2.137		1.915			
π	67.331 ~~1967.361~~	-7.781	7.953			
−	10.115		9.898			
P-134	57.213 ~~1957.246~~					P-134 P.R. & Tin FB. 2605-114
+	10.830		10.865			
π	68.043 ~~1968.011~~	+5.647	5.647			
−	5.183		5.218			
T.P.#258	62.860 ~~1962.893~~					
+	11.940		12.000			
π	74.800 ~~1974.833~~	+11.710	11.710			
−	0.230		0.290			
T.P.#259	1974.570 ~~1974.603~~					

F.B. 2639 Pg. 190

76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. # 259	74.570 ~~1974.603~~					
+	11.880		12.010	11.866		
π	1986.450 ~~1986.483~~	+11.530	11.675	+11.678		
−	0.350		0.335	0.188		
T.P. # 260	~~1986.281~~ ~~1986.133~~	1986.100				
+	10.962		11.159			
π	1997.062 ~~1997.643~~	+9.773	9.772			
−	1.189		1.387			
T.P. # 261	1995.873 ~~1996.054~~					
+	11.406		11.687			
π	7.279 ~~2007.460~~	+11.220	11.223			
−	0.186		0.464			
T.P. # 262	07.073 ~~2007.274~~					
+	8.638		8.417			
π	15.731 ~~2015.916~~	+7.257	7.256			
−	1.381		1.161			
T.P. # 263	14.350 ~~2014.551~~					
+	10.172		10.315			
π	24.522 ~~2024.705~~	+3.639	3.636			
−	6.533		6.679			
B.M. # 10	17.989 ~~2018.170~~					B.M. #10 Elev. = F.B.
						BM Mon. on Spur S. 30° E.
						Mag. and 345 ± from
	2018.037	Pg. 106				P-134 F.B. 2605-114
						SEE PG. 106

NOTES RED. ____ JOB NO. 0779.20 SURVEY OF Castro Peak Levels
DATE ____ SURVEY BY F. E. Brooks
NOTES CHKD. ____ NOTES BY K. M. Kapp DATE 12-11-62
DATE ____ INDEXED C. J. GALLI DATE ____

F.B. 2639 PG. 191

F. B. 2639 Pg. 192

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY F. E. Brook DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
723 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

768420 253 3-51

Notes Ck'd by	Survey of CASTRO PEAK ROAD.
Map No.	JN 0779.20 Tape Std °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date NOV. DEC 62
Date	Indexed C. J. GALLI MAR 29 '63

F. B. 2639 PG. 193

TRIG. LEVELS

AT

TUNNEL SITE

BRENTS MOUNTAIN

FROM

"P" 28 TO "P" 37

REF.

F.B. 2605

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE # 310 3-61

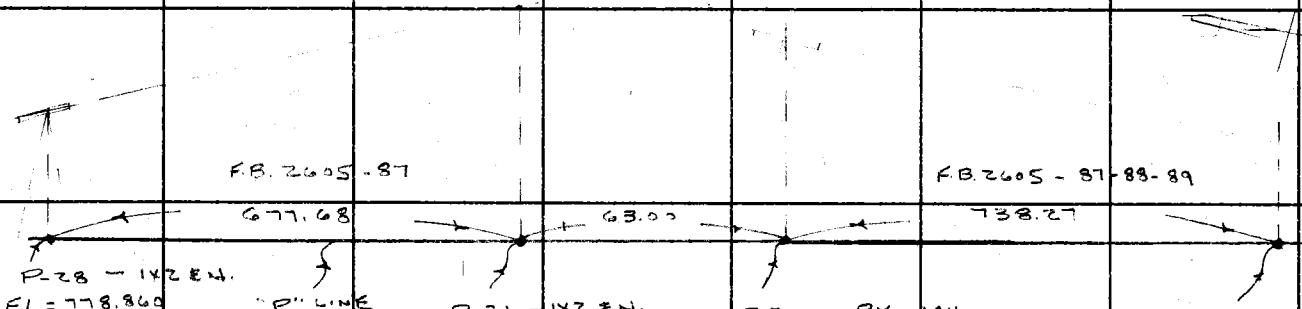
F.B. 2639 PG. 194

P-31 = 1035.47
+ 7.17
1042.64
- 2.60
P-32 = 1040.04

SEE F.B. 2605 PGS. 87-88-89 LOCATION OF "P" LINE

SEE F.B. 2639 PG. 109 FOR ELEV.

SEE F.B. 2605 PG. 54 FOR ELEV.



T @ P-28

H.I. = 4.47

VERT. ∠ = +20° 46-50 — ROD 5.00

VERT. ∠ = +20° 33-20 — ROD 2.00

CALC. MEAN DIFF = 256.61

T @ P-32

H.I. = 2.60

VERT. ∠ = - 9° 37-40 — ROD 1.00

VERT. ∠ = - 9° 28-20 - ROD 3.00

CALC. MEAN DIFF = 123.61

B.M. C.P-4 = 778.525
F.B. 2605-54 + 4.805
783.330
- 4.470
EL = P-28 = 778.860

P-28 = 778.86
+256.61
P-31 = 1035.47

P-32 = 1040.04
- 123.61
P-37 = 916.43