PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR
Map No.	JN 0301.06 Tape Std °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 2-15-64
Date	Indexed E. J. GALLE MAR 17 '64

F. B. 3173 PG. 5

U. N. 0301.06

PALMDALE IRRIGATION

DISTRICT RESERVOIR

DESCRIPTIONS OF HORIZONTAL

AND

VERTICAL CONTROL MONUMENTS

FEBRUARY 1964

LIND
MARTINEZ
OHASHI
RODRIGUEZ R.R.
CHERRY

~~Not~~ microfilmed. June '85

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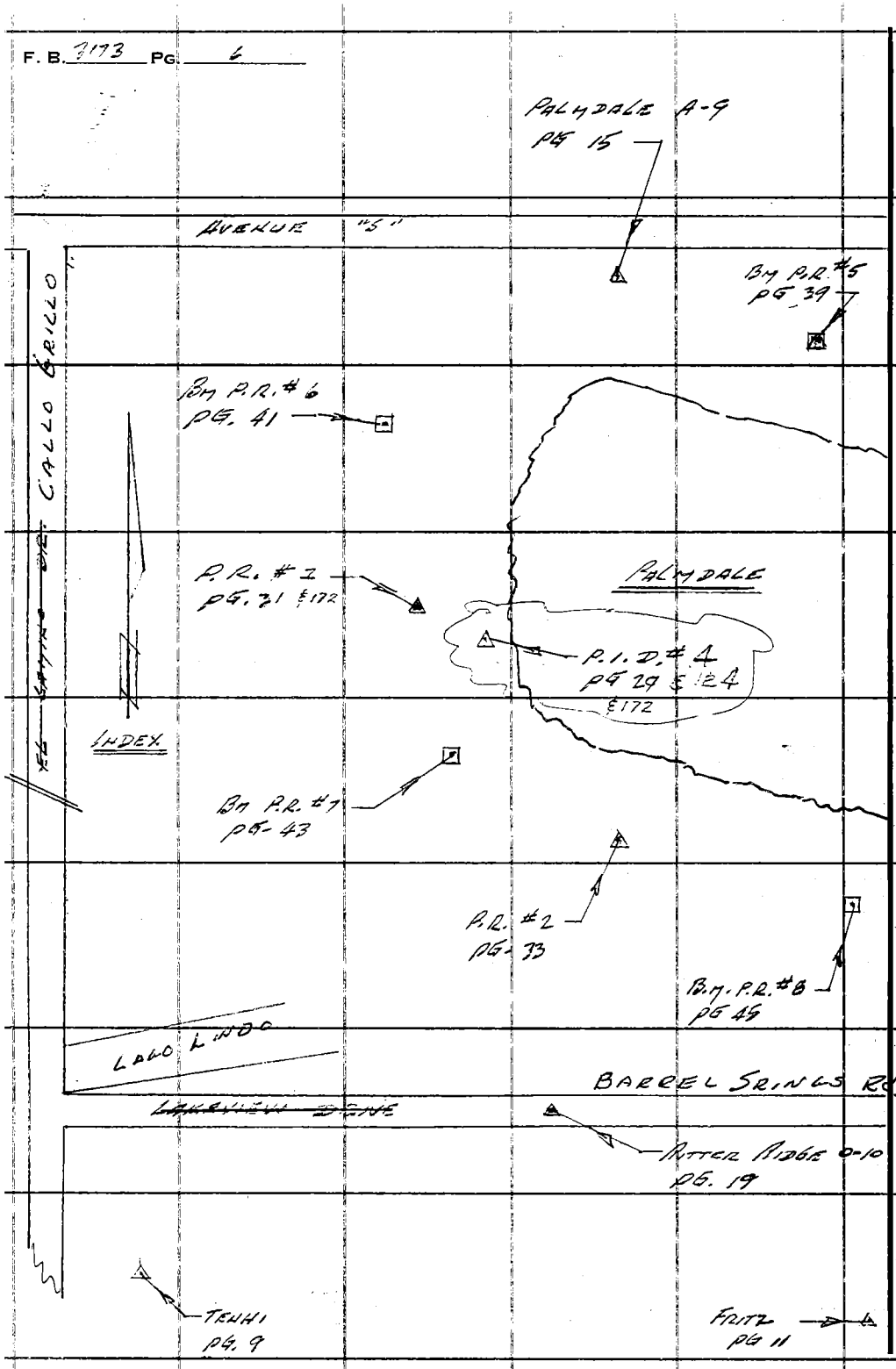
76F3095 CE #310 6-62

F. B. 3173 PG. 6



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PALMDALE IRRIGATION

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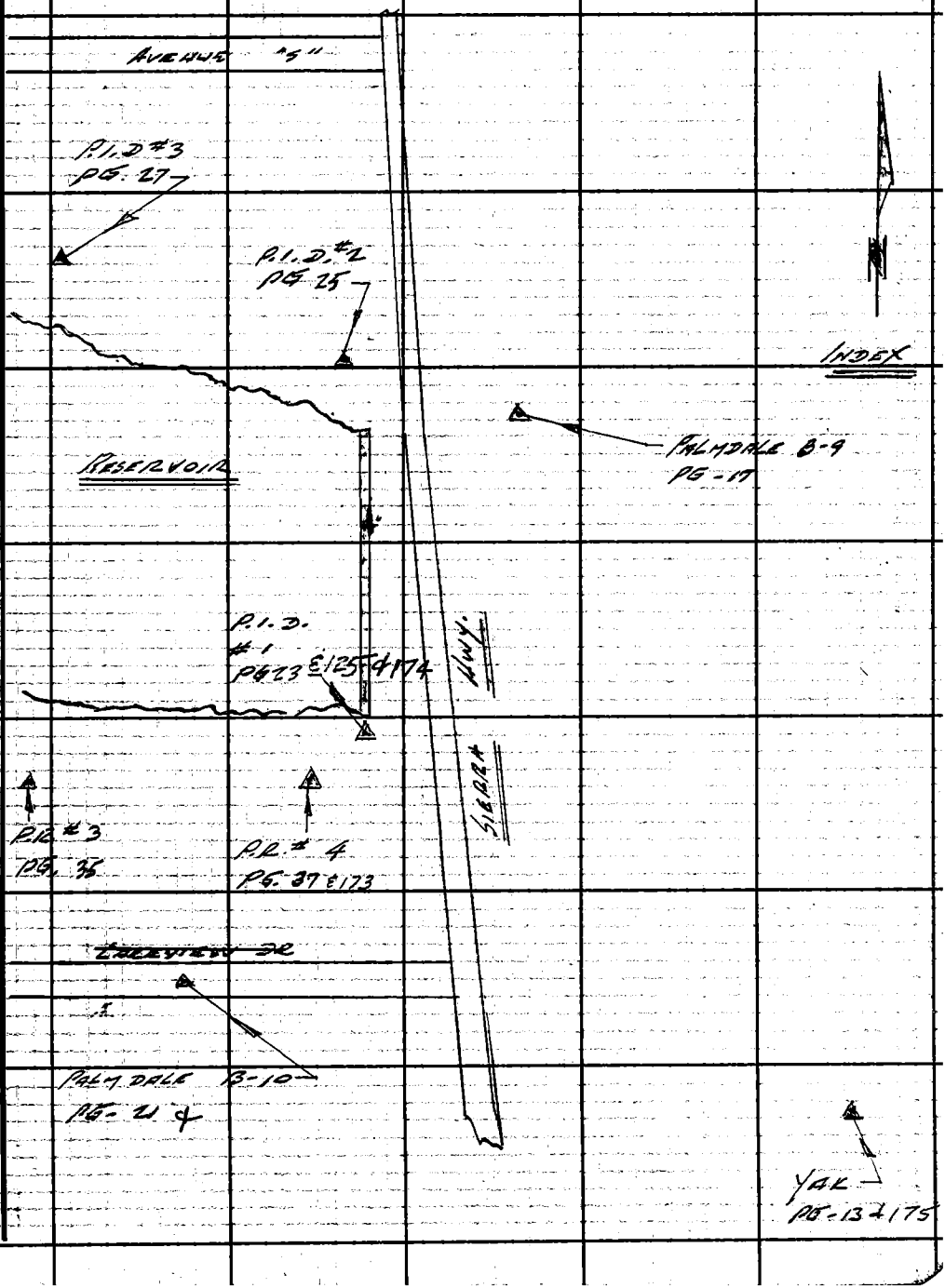
Map No.	JN 6301.06 Tape Std °F
Office Work	Surveyed by LHJ
Checked	Notes LHJ Date 2-14-64
Date	Indexed B. J. GALLI

F. B. 3173 PG. 7



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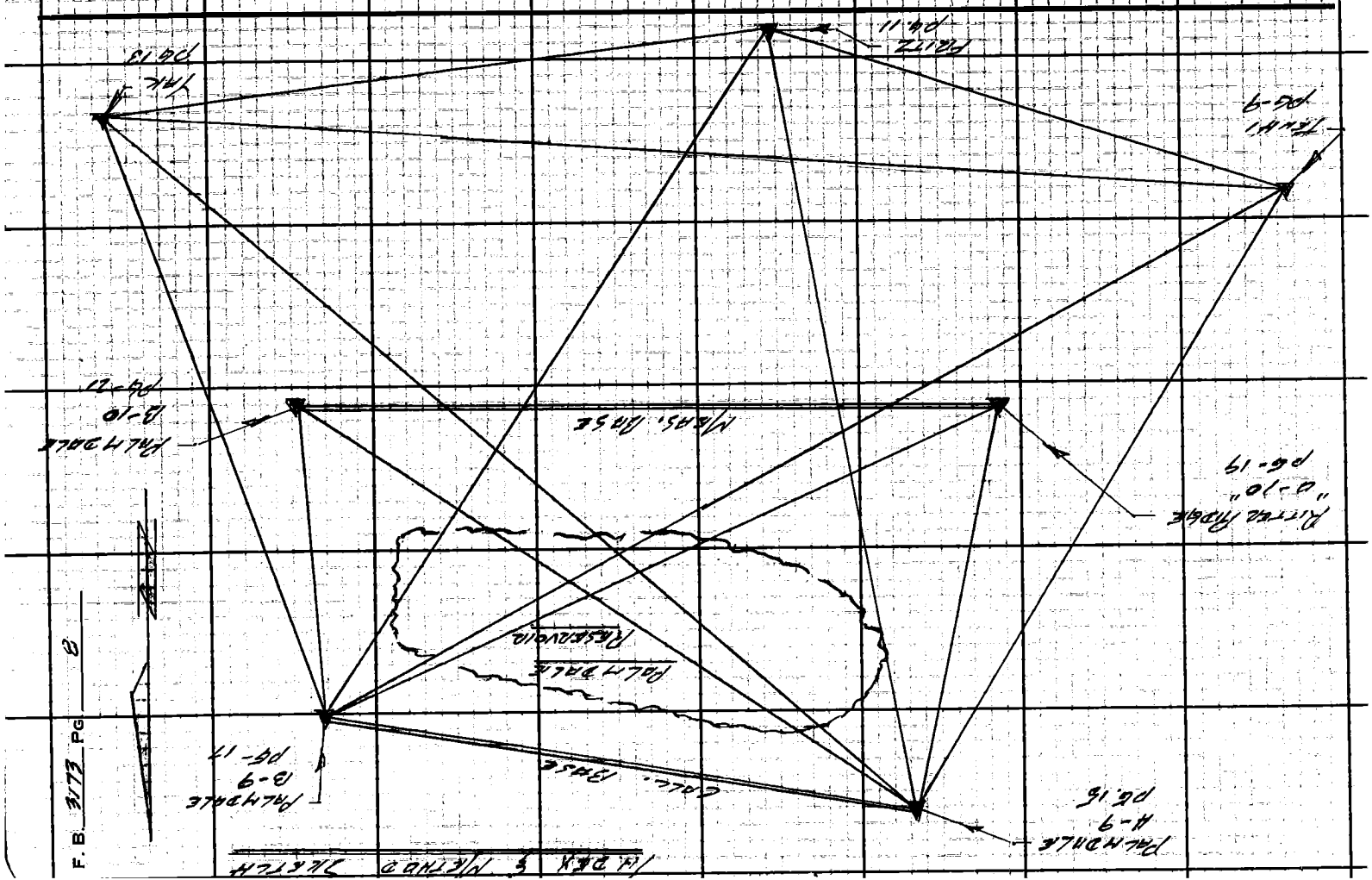


F. B. 3173 PG 8

PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR	F. B. 3173 PG. 9
Map No.	JN 0301.06 Tape Std °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 2-24-68	
Date	Indexed J. GALLI	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

TEN H1

AITER RIDGE M-12

300' TAPE #144 84°

T. 40°

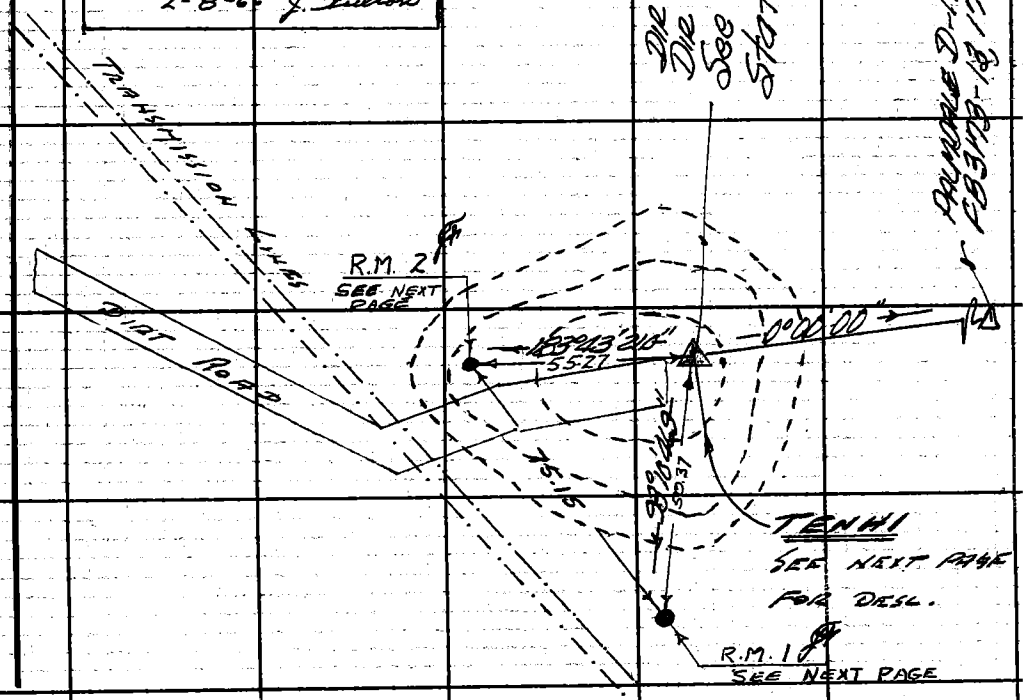
50.38 } @LEV = 50.37
50.38 }

55.29 } @LEV = 55.27
55.285 }

75.17 } @LEV = 75.15
75.17 }

2-8-66 J. Fulton

DIR ADDED 3-12-68
DIR PER FBG 991-30
See FB 2457-75 for
Station description.
RCW
2-26-68



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76F3095 C.E. #310 6-62

F. B. 3173 PG 10

DESCRIPTIONS

TEN HI

PITER RIDGE M-12

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, IN THE PALMDALE AREA. IT IS ON A HILL S. W. OF THE PALMDALE RESERVOIR. IT IS IN THE S.W. 1/4 OF SECTION 9 T-5-N. R. 12 W.

TO REACH THIS STATION FROM THE INTERSECTION OF SIERRA HWY. AND AVE. "S", GO WEST ON AVE. "S" 2.15 MI. TURN LEFT ONTO A DIRT ROAD AND GO SOUTH 0.45 MI. TO A FORK. KEEP LEFT AND GO 0.35 MI. TO A FORK. KEEP RIGHT AND GO 0.3 MI. TO A FORK. KEEP LEFT AND GO 0.15 MI. TO A FORK. KEEP LEFT AND GO 0.20 MI. TO A FORK. KEEP RIGHT AND GO 0.3 MI. TO A SADDLE. TURN LEFT AND GO 0.15 MI. TO A TRANSMISSION TOWER. TURN LEFT AND GO EAST ON DIRT ROAD 0.35 MI. TO THE STATION.

STATION MARK

FOUND A STANDARD U.S.C. & G.S. TRIANGULATION DISK SET IN THE TOP OF A 10" X 10" CONCRETE MONUMENT WHICH PROJECTS 6" ABOVE THE GROUND. STAMPED TEN HI 1938

REFERENCE MARKS:

R.M. 1 FD. A 4" U.S.C.&G.S. R.M. DISK IN 10"X10" CONC. PAD, UP 4" ABOVE THE GROUND, STAMPED "R.M. 1 TEN HI 1938"

R.M. 2 SAME AS R.M. 1 STAMPED "R.M. 2 TEN HI 1938"

2-8-66 J. Fulton

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PALMDALE IRRIGATION

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Map No.	JN 030166 Tape Std °F
Office Work	Surveyed by LWD
Checked	Notes LWD Date 2-26-66
Date	Indexed K. J. GALLI

F. B. 3173 PG. 11

Note: Rep. Index Card, Plat U.S.G.S. Quad. Site, Placement Sur. Div. W.S. No., Sketch on Geo. Desc. Card.

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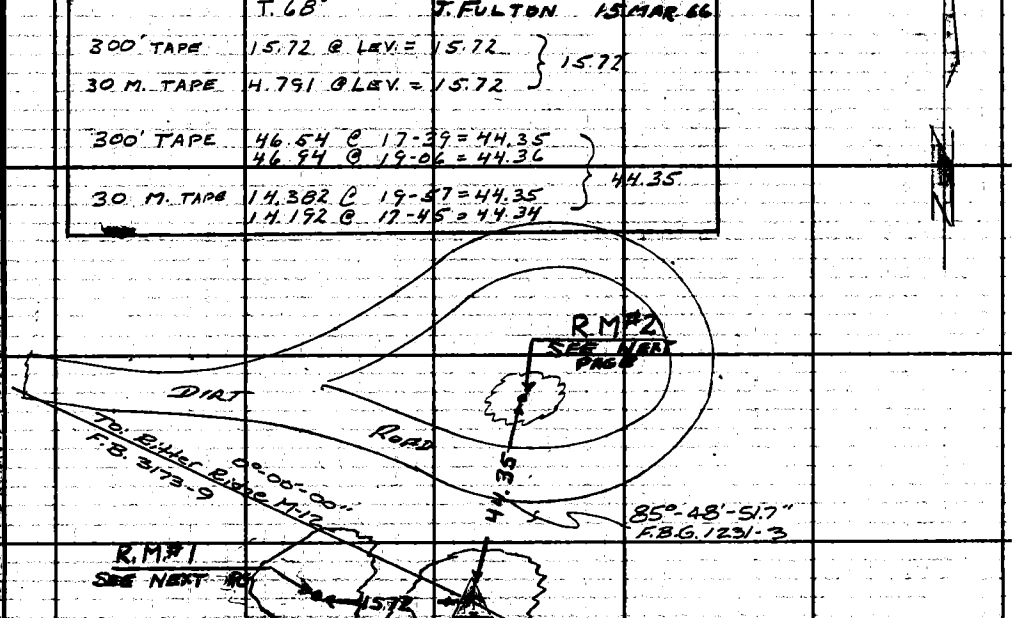
L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

FRITZ

PALMDALE A-13

	T. 68°	J. FULTON 15 MAR 66
300' TAPE	15.72 @ LEV. = 15.72	15.72
30 M. TAPE	4.791 @ LEV. = 15.72	
300' TAPE	46.54 @ 17-39 = 44.35	44.35
	46.94 @ 19-06 = 44.36	
30 M. TAPE	14.382 @ 19-57 = 44.35	
	14.192 @ 17-45 = 44.34	



R.M. ORIENTATION ADDED 20-Feb-68
JB Randall

F. B. 3173 PG 12

DESCRIPTIONS

FRITZ

PALMDALE A-13

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY. IT IS ABOUT FOUR MILES SOUTH OF PALMDALE ON A ROCKY RIDGE SLOPING SOUTH EAST. IT IS IN THE N.E 1/4 OF SECTION 15, T-5-N, R-12-W. TO REACH THIS STATION FROM THE INTERSECTION OF U.S. HWY NO 6 AND THE ANGELES FOREST HWY. GO S.W. ON HWY 6 0.7 MI TO A DIRT ROAD ± 300 FEET EAST OF THE VILENT CAFE. TURN RIGHT AND GO 0.6 MI. TO A FORK. STAY LEFT AND GO 0.15 MI. TO A FORK. STAY LEFT AND GO 0.20 MI. TO A FORK. STAY RIGHT AND GO 0.20 MI TO A FORK. STAY LEFT AND GO 0.45 MI. TO A FORK. STAY RIGHT AND GO 0.15 MI. TO A FORK. STAY RIGHT AND GO 0.25 MI. TO A 3-WAY INTERSECTION. TAKE CENTER ROAD AND GO 0.10 MI. TO A FORK. STAY RIGHT AND GO 0.10 MI TO A FORK. STAY RIGHT AND GO 0.10 MI. TO AN INTERSECTION, TAKE CENTER ROAD AND GO 0.8 MI. TO A FORK. STAY RIGHT 0.3 MI. TO A FORK. STAY RIGHT 0.4 MI. TO A FORK. STAY RIGHT AND GO ± 100 FEET. TURN RIGHT OFF THE ROAD AND DRIVE SLY. ± 300' TO TWO LARGE PINNACLE ROCKS PROJECTING ABOUT 20' FEET ABOVE THE GROUND. THE STATION IS IN THE TOP OF THE SOUTHEASTLY ROCK.

STATION MARK

FOUND A STANDARD U.S.C & G.S. DISK STAMPED "FRITZ" 1938, SET IN THE TOP OF THE ROCK.

R.M. #1 & #2

FOR 4" BRASS CAP CEMENTED IN TOP OF BOULDERS MARKED "U.S.C.&G.S. R.M 1, RM 2 1938"

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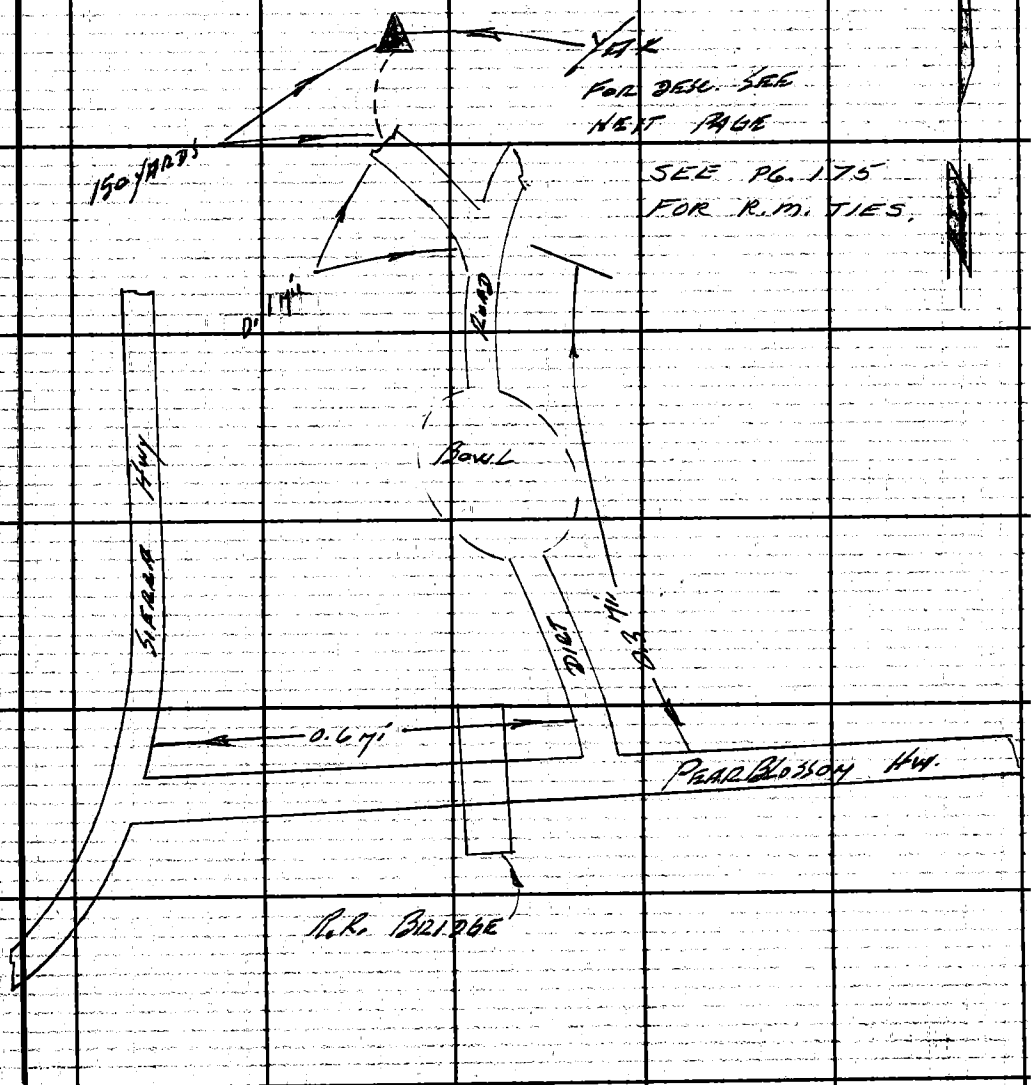
Map No.	JN 030106 Tape Std °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 2-27-64	
Date	Indexed E. J. GALLI	

L. A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

YAK

PALMDALE D-11



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76F309S CE #310 6-62

F. B. 3173 PG 14

DESCRIPTION

YAK PALMDALE D-11

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY. IT IS IN THE PALMDALE AREA.

TO REACH THIS STATION FROM THE INTERSECTION OF SIERRA HWY. AND PEAR BLOSSOM HWY. GO EAST ON PEAR BLOSSOM HWY. 0.6 MI. TO A DIRT ROAD, ABOUT FIFTY YARDS BEYOND RAILROAD CROSSING. TURN LEFT AND DRIVE NORTH 0.3 MI. THROUGH A VALLEY TO A FORK STAY LEFT AND GO 0.1 MI. TO END OF ROAD AND END OF TRUCK TRAVEL. HIKE NORTHERLY ABOUT 150 YARDS UP TO THE TO OF HILL, THEN ABOUT 75 FEET NORTH ALONG TOP TO STATION.

STATION MARK

FOUND A STANDARD U.S.C. & G.S. DISK STAMPED "YAK" 1938. SET IN THE TOP OF A TIKE PIPE WHICH IS ABOUT 6" IN DIAMETER AND PROJECTS ABOUT 8" ABOVE THE GROUND.

REFERENCE MARKS SEE F.B. 3173-175

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PALMDALE IRRIGATION

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Map No.	JN 30.106 Tape Std °F
Office Work	Surveyed by LWD
Checked	Notes LWD Date 2-19-68
Date	Indexed E. J. GALLE 1-17-84

F. B. 3173 PG. 15

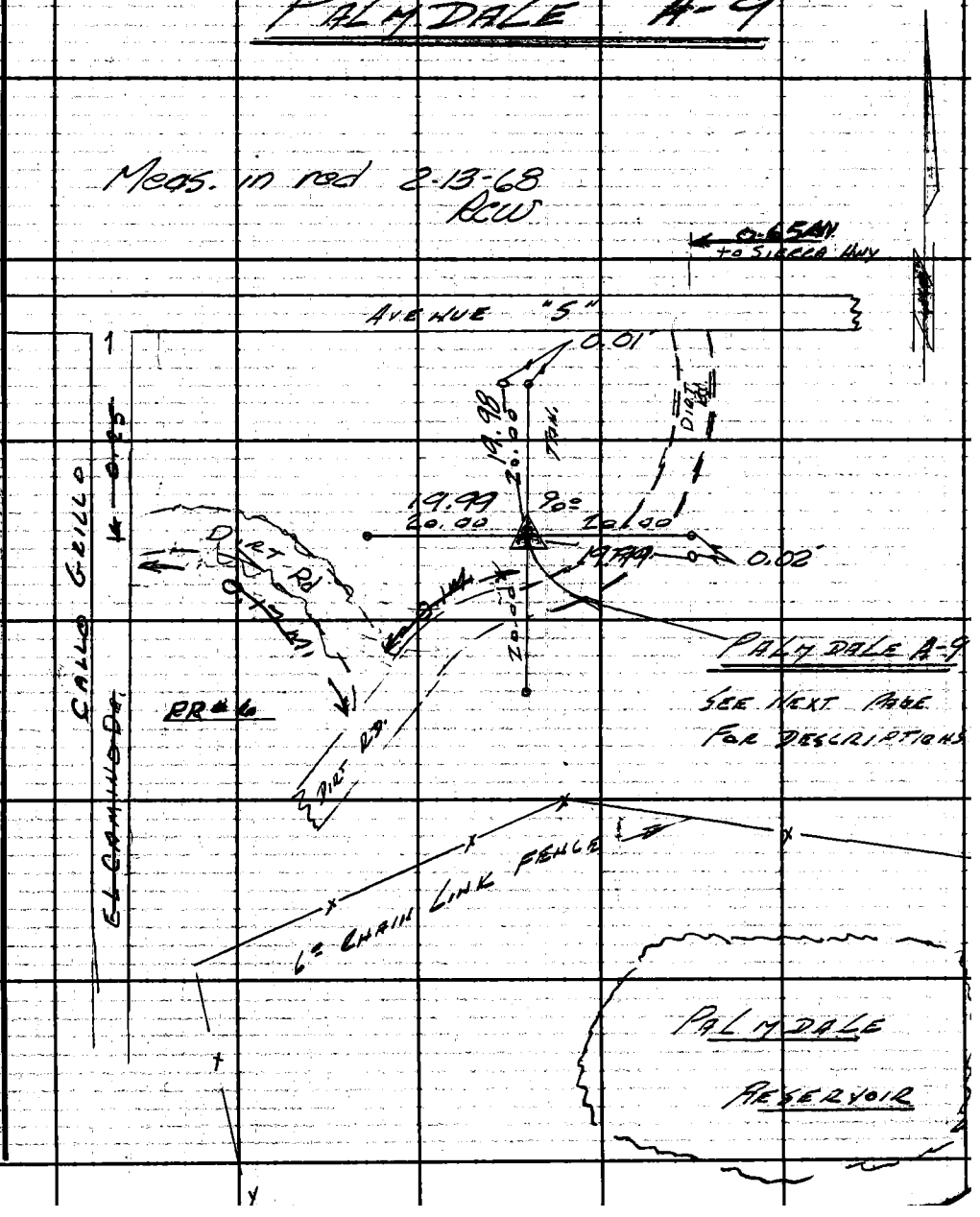
Index Card
U.S. Quad. Sht.
Div. W.S. No.
Sketch on Back

LA COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

PALMDALE A-9

Meas. in red 2-13-68 RCW



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76F309S CE #310 6-62

F.B. 3173 PG. 16

DESCRIPTIONS
PALMDALE A-9

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, ON THE NORTH SIDE OF THE PALMDALE RESERVOIR. IT IS ON A SMALL HILL ± 200 FEET SOUTH OF AVE "S" AND 0.65 MI WEST OF SIERRA HWY.

TO REACH THIS STATION FROM THE INTERSECTION OF AVE "S" AND ~~EL CAMINO DR. DRIVE SOUTH ON EL CAMINO 0.25 MI. SO. TURN EAST ON DIRT ROAD APPROX. 0.17 MI. TO FORK STAY LT. FOLLOW DIRT RD 0.1 TO TOP SMALL HILL TO STATION~~ SIERRA HWY. DRIVE WEST 0.65 MI. TO A DIRT ROAD TO THE SOUTH. TURN LT. ON DIRT RD. ABOUT 200' TO TOP SMALL HILL - TO STATION

STATION MARK

SET A STANDARD 4" BRASS TRIANGULATION DISK IN A 12" X 12" CONCRETE POST UP 6" ABOVE THE GROUND. THE DISK IS STAMPED PALMDALE A-9 SET BY L.A. CO ENGR AE 5869 1964

REFERENCE MARKS

SET 4 - TANGENT "20.00" 1" I.P. & C.E. TAGS IN CONCRETE FLUSH WITH THE SURFACE OF THE GROUND

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PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR	F. B. 3173 PG. 17
Map No.	JN 030126 Tape Std °F	
Office Work	Surveyed by LIND	
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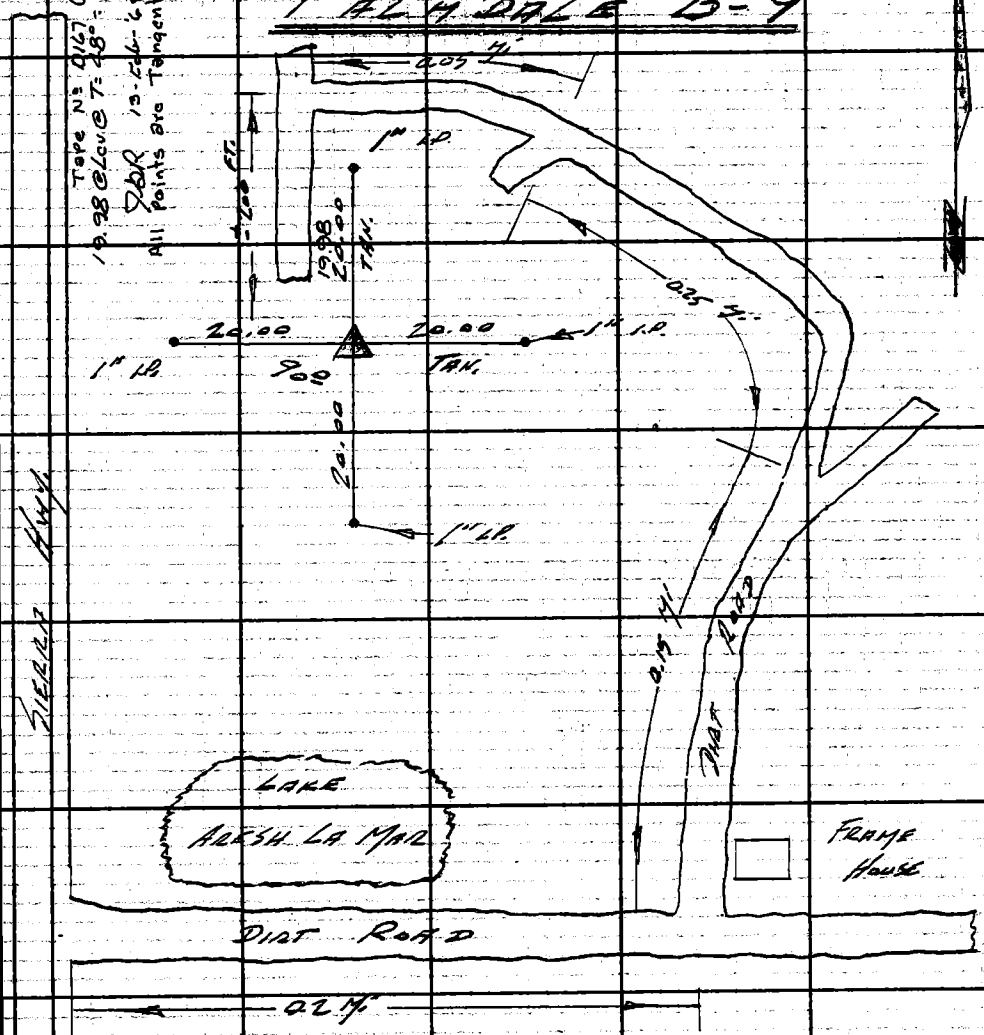
Date	Indexed C. J. GALLI	

L.A. COUNTY SURVEY CONTROL CONTROL SYSTEM

TRIANGULATION STATION

PALMDALE B-9



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76F3095 CE #310 6-62

F. B. 3173 PG 18

DESCRIPTIONS

PALMDALE B-9

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY IN THE PALMDALE AREA. IT IS ON A HILL ± 150 FEET EAST OF SIERRA HWY. AND ± 400 FEET NORTH OF LAKE ARESH LA MAR.

TO REACH THIS STATION FROM THE INTERSECTION OF SIERRA HWY AND AVENUE "S" DRIVE SOUTH ON SIERRA HWY. 0.5 MI. AND TURN LEFT INTO LAKE ARESH LA MAR PICNIC AREA. GO EAST THROUGH THE PICNIC AREA 0.2 MI. TO A DIRT ROAD ON THE WEST SIDE OF A WHITE HOUSE. TURN LEFT ON DIRT ROAD AND GO 0.15 MI. UP THE HILL TO A FORK. STAY LEFT AND GO 0.25 MI. TO A FORK. STAY RIGHT AND GO 0.05 MI. TO A "T" INTERSECTION. TURN LEFT AND GO ± 200 FEET TO TOP OF HILL TO STATION.

STATION MARK

SET A STANDARD 4" BRASS TRIANGULATION DISK IN A 12" x 12" CONCRETE POST 6" ABOVE THE GROUND AND STAMPED PALMDALE B-9. SET BY L.A. CO ENGR RE 5869-64

SET A 2" YELLOW MARKER PIPE 3' NORTH OF THE MONUMENT.

REFERENCE MARKS

SET 4- TANGENT "20.00" 1" IPS. AND CE. TAGS IN CONCRETE FLUSH

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Map No.		JN 030106 Tape Std °F	
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Date		Indexed E. J. GALLI MAR 17 1964	

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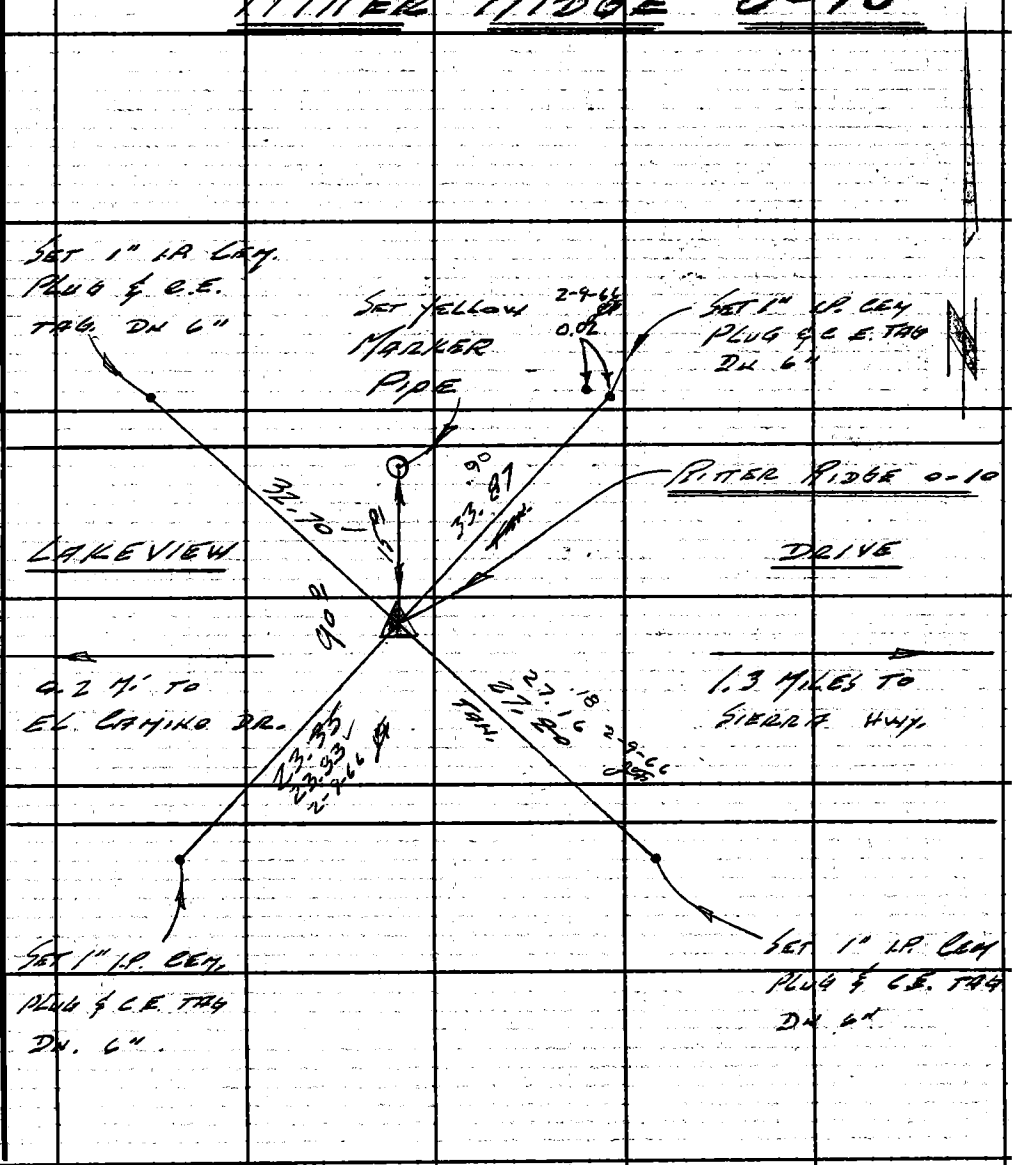
LA COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
RITTER RIDGE 0-10



F. B. 313 PG 20

DESCRIPTIONS

RITTER RIDGE 0-10

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, IN THE PALMDALE AREA, THE MONUMENT IS IN THE APPROXIMATE CENTER OF LAKEVIEW DRIVE, 1.3 MILES WEST OF SIERRA HWY. AND 0.2 MILES EAST OF EL CAMINO DRIVE.
THE MONUMENT IS SET 12" BELOW THE SURFACE OF THE DIRT ROAD
SET A YELLOW MARKER PIPE 15 FEET NORTH OF THE MONUMENT.

STATION MARK

SET A STANDARD 4" BRASS TRIANGULATION DISK IN CONCRETE STAMPED RITTER RIDGE 0-10, SET BY L.A. CO. ENGR. RE 5869 1964

REFERENCE MARKS

SET 4- TANGENT 1" I.P.'S. & C.E. TAGS DN 6" SEE FRONT OF PAGE FOR DETAILS.

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Map No.	JN 30106 Tape Std °F	
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Date	Indexed C. J. GALLI	

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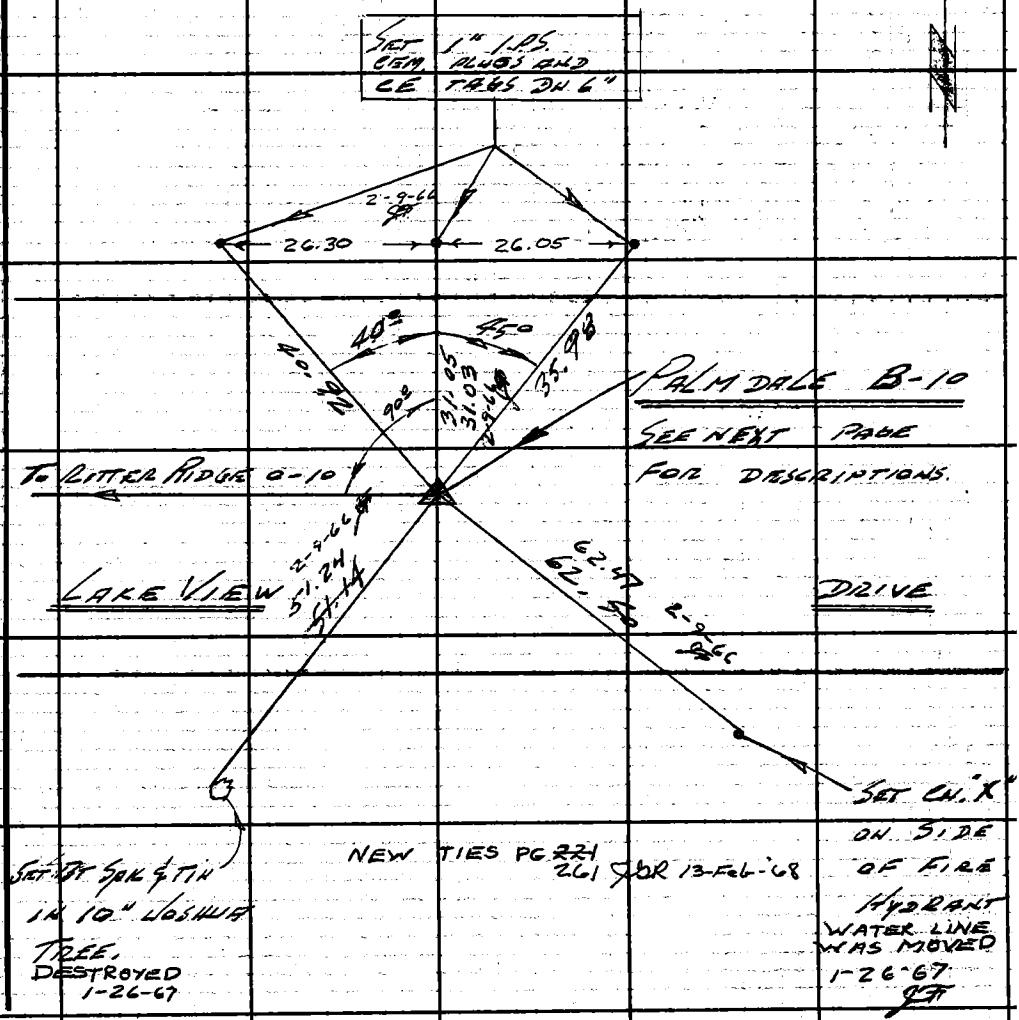
L.A. COUNTY SURVEY CONTROL SYSTEM.
TRIANGULATION STATION
PALMDALE B-10



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F. B. 3173 PG 22

DESCRIPTIONS

PALMDALE B-10

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, IN THE PALMDALE AREA, THE MONUMENT IS IN THE APPROXIMATE CENTER OF LAKE VIEW DR.

AND 0.5 OF A MILE WEST OF SIERRA HWY. IT IS IN FRONT OF THE RANCHO CURSON MOTEL. THE MONUMENT IS SET 12" BELOW THE SURFACE OF THE EXISTING DIRT ROAD.

SET A YELLOW MARKER PIPE 14.0 FEET NORTH OF THE MONUMENT

STATION MARK

SET A STANDARD 4" BRASS TRIANGULATION DISK IN CONCRETE AND STAMPED PALMDALE B-10. SET BY L.A. COUNTY ENGR. R.E. 5869 1964

REFERENCE MARKS

SEE FRONT OF THIS PAGE FOR TIES.

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Date	Indexed C. J. GALLI

F. B. 3173 PG. 23

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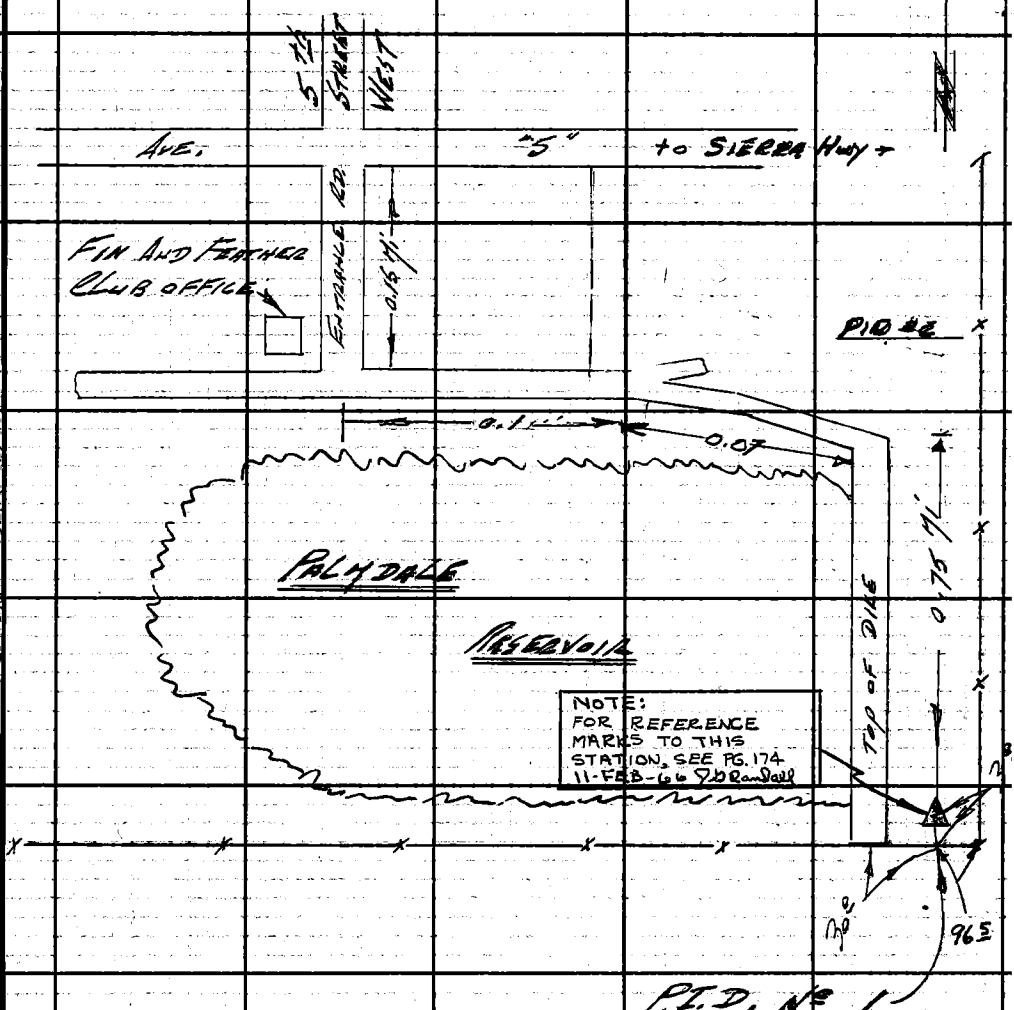
L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

P.I.D. Nº 1



P.I.D. Nº 1
SEE NEXT PAGE FOR DESCRIPTIONS.

F.B. 3173 PG 24

DESCRIPTIONS

P.I.D. No 1

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY. NEAR THE SOUTH EAST CORNER OF THE PALMDALE RESERVOIR.

TO REACH THE STATION DRIVE TO THE ENTRANCE OF THE PALMDALE FIN AND FEATHER CLUB AT AVE "S" AND 5th STREET WEST. GO SOUTH ON ENTRANCE ROAD 0.15 MI. TO THE END OF THE ROAD. TURN LEFT AND GO EAST ALONG PAVED ROAD 0.1 TO A FORK STAY RIGHT AND FOLLOW DIRT ROAD 0.07 MI. TO TOP OF DIKE RD. CONTINUE SLY 0.75 MI. ACROSS TOP OF DIKE UNTIL REACHING THE END OF THE DIKE AT A 6' CHAIN LINK FENCE.

THE MONUMENT IS 30 FEET TO THE LEFT OR EAST OF THE DIKE AND 3 FEET NORTH OF THE FENCE LINE.

THE MONUMENT IS PROTECTED BY 2- 3" YELLOW GUARD PIPES SET IN CONCRETE AND UP 2 ABOVE THE GROUND.

STATION MARK

FOUND A BRASS DISK IN THE TOP OF A 2" IRON PIPE SET IN CONC. FLUSH WITH THE SURFACE OF THE GROUND AND STAMPED P.I.D. CONTROL 1 R.C.E. 8732

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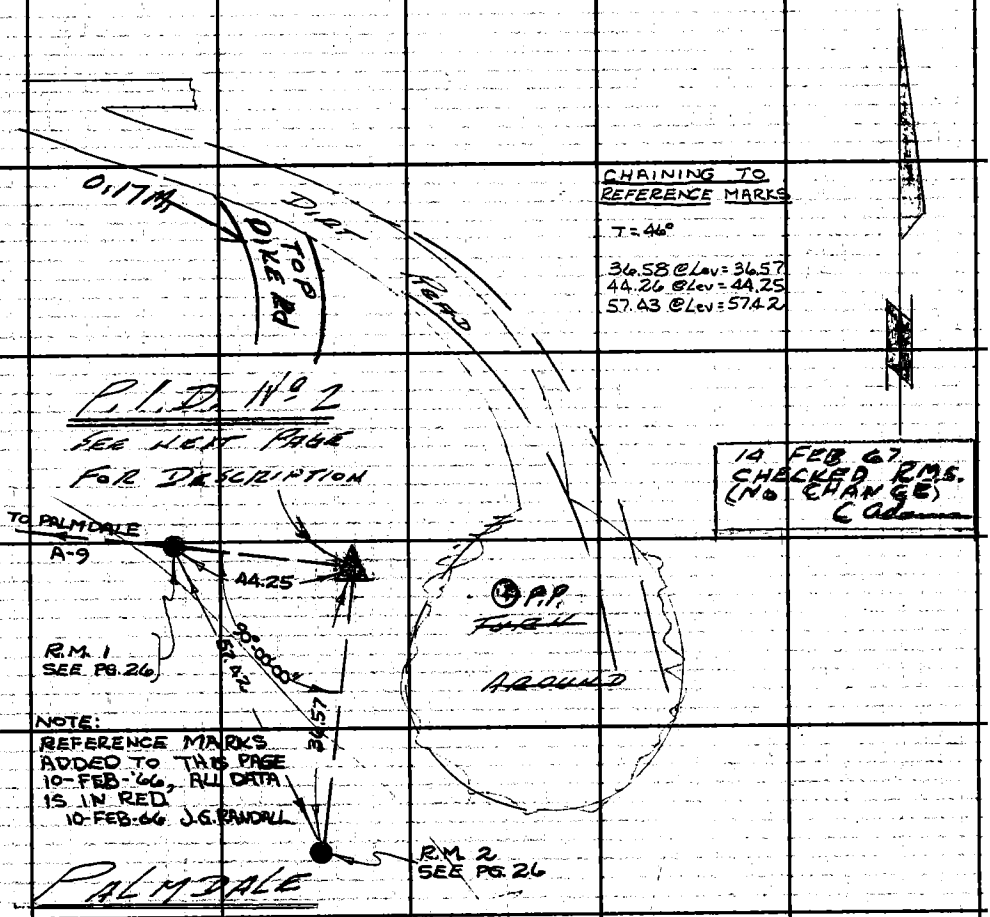
Notes Ck'd by	Survey of DISTRICT RESERVOIR	F. B. 3173 PG. 25
Map No.	JN 030106 Tape Std °F	
Office Work	Surveyed by LHG	
Checked	Notes LHD Date 2-20-64	
Date	Indexed G. J. GALLI	

L A COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

P.I.D. Nº 2



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F. B. 3173 PG. 26

DESCRIPTIONS

P.I.D. Nº 2

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY NEAR THE NORTH EAST CORNER OF THE PALMDALE RESERVOIR.
TO REACH THIS STATION DRIVE TO AVE "S" AND 5th STREET WEST, TO THE ENTRANCE OF THE PALMDALE FIN AND FEATHER CLUB. GO SOUTH ON THE ENTRANCE ROAD 0.15 MI. TO THE END OF THE ROAD TURN LEFT AND FOLLOW ROAD ~~0.10~~ 0.17 MI. TO A FORK IN DIRT ROAD ~~FOLLOW TOP DIKE~~ STAY LT ON DIRT RD. ABOUT 0.05 MI. ~~ROAD ABOUT 0.1 MI. DRIVING LEFT~~ SOUTHEASTERLY TO TOP SMALL HILL ~~A TURN AROUND AT THE END OF THE ROAD.~~ THE STATION IS ON THE WEST SIDE OF THE ~~TURN AROUND~~ HILL.

STATION MARK

FOUND A BRASS DISK IN THE TOP OF A 2" I.P. UP 4" ABOVE THE GROUND STAMPED P.I.D. CONTROL 2 RE 3732 SET IN CONCRETE

FOUND 2 - YELLOW 4" MARKER PIPE NEXT TO THE STATION.

REFERENCE MARKS:

Nº 1: SET A 4" BRASS DISK, REFERENCE MARK, 8" ABOVE FLUSH, IN A 6" CONC. POST, AND 10"x10" SQUARE CONC. PAD ABOVE GROUND, STAMPED: R.M. 1, P.I.D. 2, 1966, L.A. CO. ENGR. R.E. 5869.

Nº 2: SET A 4" BRASS DISK, REFERENCE MARK, 8" ABOVE FLUSH, WITH A 10"x10" SQARE PAD ABOVE GROUND AND A 6" CONC. POST BELOW, STAMPED R.M. 2, P.I.D. 2, 1966, L.A. CO. ENG'R. R.E. 5869

REFERENCE MARKS ADDED 10-FEB-66 [signature]

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

PALMDALE IRRIGATION

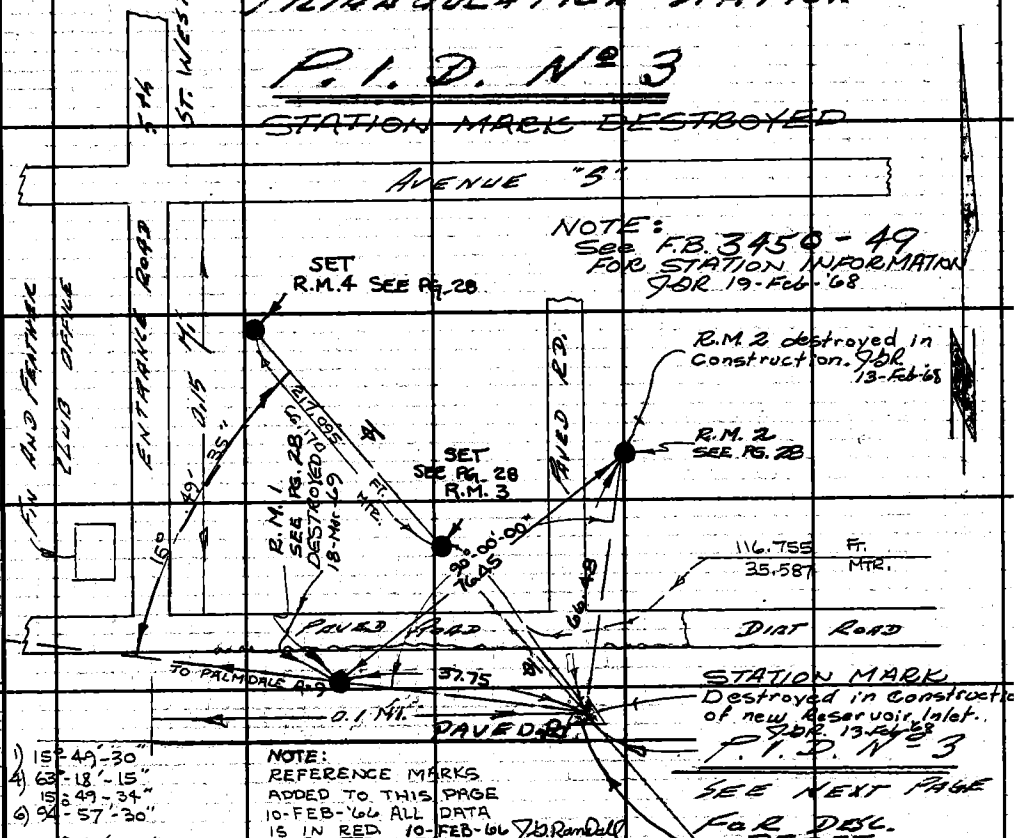
Notes Ck'd by	Survey of DISTRICT RESERVOIR	F. B. 3173 PG. 27
Map No.	JN 0301.06 Tape Std °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 2-19-64	
Date	Indexed C. J. GALLI	

L.A COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

P.I.D. Nº 3

STATION MARK DESTROYED



NOTE: See F.B. 3450-49 FOR STATION INFORMATION JDR 19-Feb-68

1) 15°-49'-30"
4) 63°-18'-15"
15°-49'-34"
6) 94°-57'-30"
M=15°-49'-35"

NOTE: REFERENCE MARKS ADDED TO THIS PAGE 10-FEB-66 ALL DATA IS IN RED. 10-FEB-66 JDR Randall

28 JUNE 1967 R.E. Dover

28 JUNE 67 CHAINING	CHAINING TO REFERENCE MARKS
116.90 @ TEMP. 92° @ 2°-54' = 116.760	T = 46°
117.02 @ " 92° @ 3°-58' = 116.75	
TAPE #144 MEAN = 116.755	66.50 @ Lev = 66.48
35.628 @ TEMP. 92° @ 2°-54' = 35.585	76.47 @ Lev = 76.45
35.672 @ " 92° @ 3°-58 = 35.589	37.76 @ Lev = 37.75
M-6 MTR'S = 116.75.5 FT	

217.085 @ T = 92° @ LEVEL = 217.095
66.167 MTR @ T = 92° @ LEVEL = 66.170 MTR = 217.093 FT

PALMDALE RESERVOIR

STATION MARK WAS RESET per TIES (RM'S 3 & 4) A 4" L.A. CO. SUR. CONT. SYSTEM brass Triangulation disc stamped "PID 3 RESET 1969 RE 5869", dn. 8" in a conc. pad & protected by a cast iron cover on the surface of the Asphalt paved road. 18-Mar-69 JDR

Noted on Geo. Index Card
Placed on S.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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76F309S CE #31 62

F. B. 3172 PG. 28

DESCRIPTIONS

P. I. D. № 3

THIS STATION IS IN LOS ANGELES COUNTY, ON THE NORTH SIDE OF THE PALMDALE RESERVOIR.
TO REACH THIS STATION DRIVE TO 5 ½ STREET WEST AND AVENUE S. ENTER THE PALMDALE RESERVOIR FIX AND FEATHER CLUB ROAD AND DRIVE SOUTH 0.15 MI TO A "T" INTERSECTION TURN LEFT AND GO 0.10 MI. EAST TO STATION. THE STATION IS ABOUT ~~4' SOUTH OF THE SOUTH BANK OF THE ROAD ON A SMALL MOUND~~ 4' NORTH OF ℄ OF PAVED RD. IN A.H.N.

STATION MARK — DESTROYED by Construction FGB-68
RESET 18-Mar-69, Sec. Pg. 27.

FOUND A BRASS DISK IN THE TOP OF A 2" I.P. SET IN CONCRETE UP 3" ABOVE THE GROUND, STAMPED P.I.D. CONTROL 3 R.C.E. 8732

FOUND 2 - YELLOW 4" GUARD PIPE PROTECTING MONUMENT.

REFERENCE MARKS:

Not recovered Prob. destroyed by Const. 12/27/68, J.M.M.

№ 1: SET A 4" BRASS DISK ON A 2" I.P., 8" ABOVE FLUSH, IN A 6" CONC. POST, AND STAMPED: R.M. 1, P.I.D. 3, 1966, L.A.CO. ENGR R.E.5869.

№ 2: SET A 4" BRASS DISK ON A 2" I.P., FLUSH IN A 6" CONC. POST, AND LOCATED IN A PAVED ROADWAY, AND STAMPED: R.M. 2, P.I.D. 3, 1966, L.A. CO. ENGR., R.E. 5869.

REFERENCE MARKS ADDED 10-FEB-66 J. S. Randall

№3 SET 4" L.A. COUNTY SURVEY CONTROL SYSTEM BRASS REFERENCE MARK DISC. STAMPED "P.I.D. 3, R.M. 3, 1967, L.A. CO. ENGR. R.E. 5869" UP 9" AND SET IN 12" X 12" CONC. PAD ON TAN PROD FROM "PALMDALE B-9. YELLOW 2" MARKER PIPE 5' SO.'LY OF R.M. 3 & R.M. 4

№4 SAME AS № 3 (ON TAN PROD) R.M. 4 YELLOW MARKER SO.'LY

REFERENCE MARKS ADDED 28 JUNE 1967 R. E. Drake

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PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR
Map No.	JN 030106 Tape Std °F
Office Work	Surveyed by LHD
Checked	Notes LHD Date 2-2064
Date	Indexed C. J. GALLI

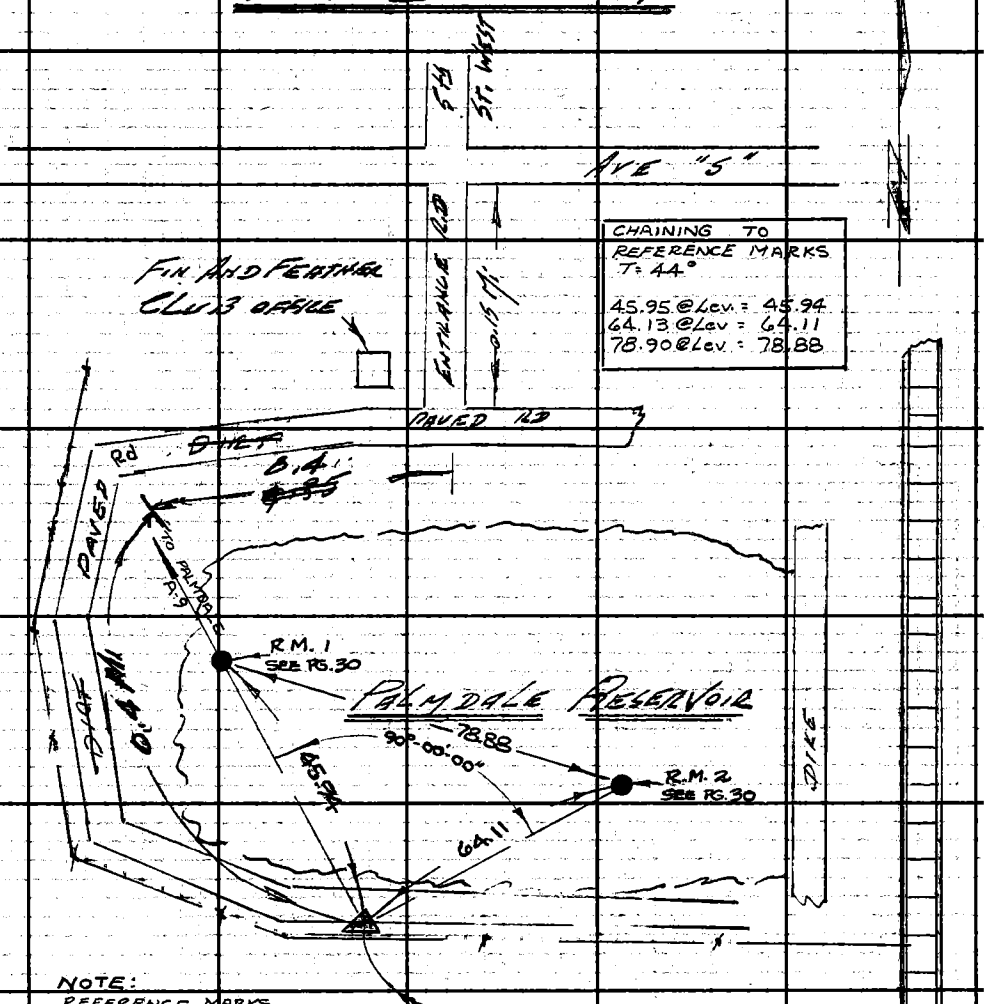
F. B. 3173 PG. 29

Enter Rev. Index Card
Place U.S.G.S. Quad. Stats.
Placed on Sur. Liv. W.S. No.
Sketch on Desc. Card

LA COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

P.I.D. No 4



CHAINING TO REFERENCE MARKS
T = 44°
45.95 @ Lev. = 45.94
64.13 @ Lev. = 64.11
78.90 @ Lev. = 78.88

NOTE:
REFERENCE MARKS ADDED TO THIS PAGE 10-FEB-'66, ALL DATA IS IN RED
10-FEB-'66 J. B. Rankell

14 FEB 67 C. Adams
CHECKED RMS (NO CHANGE)

P.I.D. No 4

SEE NEXT PAGE FOR DESCRIPTION

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

F.B. 3173 PG. 30

DESCRIPTIONS

P.I.D. Nº 4

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY. IT IS ON THE SOUTH SIDE OF THE PALMDALE RESERVOIR.

TO REACH THIS STATION DRIVE TO THE ENTRANCE OF THE PALMDALE FIN AND FEATHER CLUB, AT AVE "S" AND 5 ½ ST. WEST. DRIVE SOUTH ON ENTRANCE ROAD 0.15 MI. TO A "T" INTERSECTION. TURN RIGHT AND FOLLOW ~~DIRT~~ PAVED RD 0.4 MI. TO FENCE LINE. STAY ON ~~DIRT~~ PAVED ROAD THAT RUNS NEXT TO THE FENCE FOR 0.4 MI. TO THE STATION.

THE MONUMENT IS 3= NORTH OF THE FENCE AND IS PROTECTED BY 3 - 3" YELLOW GUARD PIPES SET IN CONCRETE, UP 2= FEET ABOVE THE GROUND.

STATION MARK

FOUND A BRASS DISK IN THE TOP OF A 2" I.P. STAMPED P.I.D CONTROL 4 R.E. 8732. DISK IS SET 4" BELOW THE SURFACE OF THE GROUND

REFERENCE MARKS:

Nº 1: SET A 4" BRASS DISK, ON A 2" I.P., IN A 6" CONC. POST, 8" ABOVE FLUSH, ON NORTH EDGE OF DIRT ROAD, AND STAMPED: R.M. 1 - P.I.D. 4, 1966, L.A. CO. ENG'R., R.E. 5869

Nº 2: SET A 4" BRASS DISK, ON A 2" I.P., IN A 6" CONC. POST, 8" ABOVE FLUSH, ON NORTH WEST EDGE OF DIRT ROAD, AND STAMPED: R.M. 2, P.I.D. 4, 1966, L.A. CO. ENG'R., R.E. 5869.

REFERENCE MARKS ADDED 13-FEB-66 J. L. Randall

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PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR
Map No.	JN 0301.06 Tape Std °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 2-18-64
Date	Indexed C. J. GALLI

F. B. 3173 PG. 31

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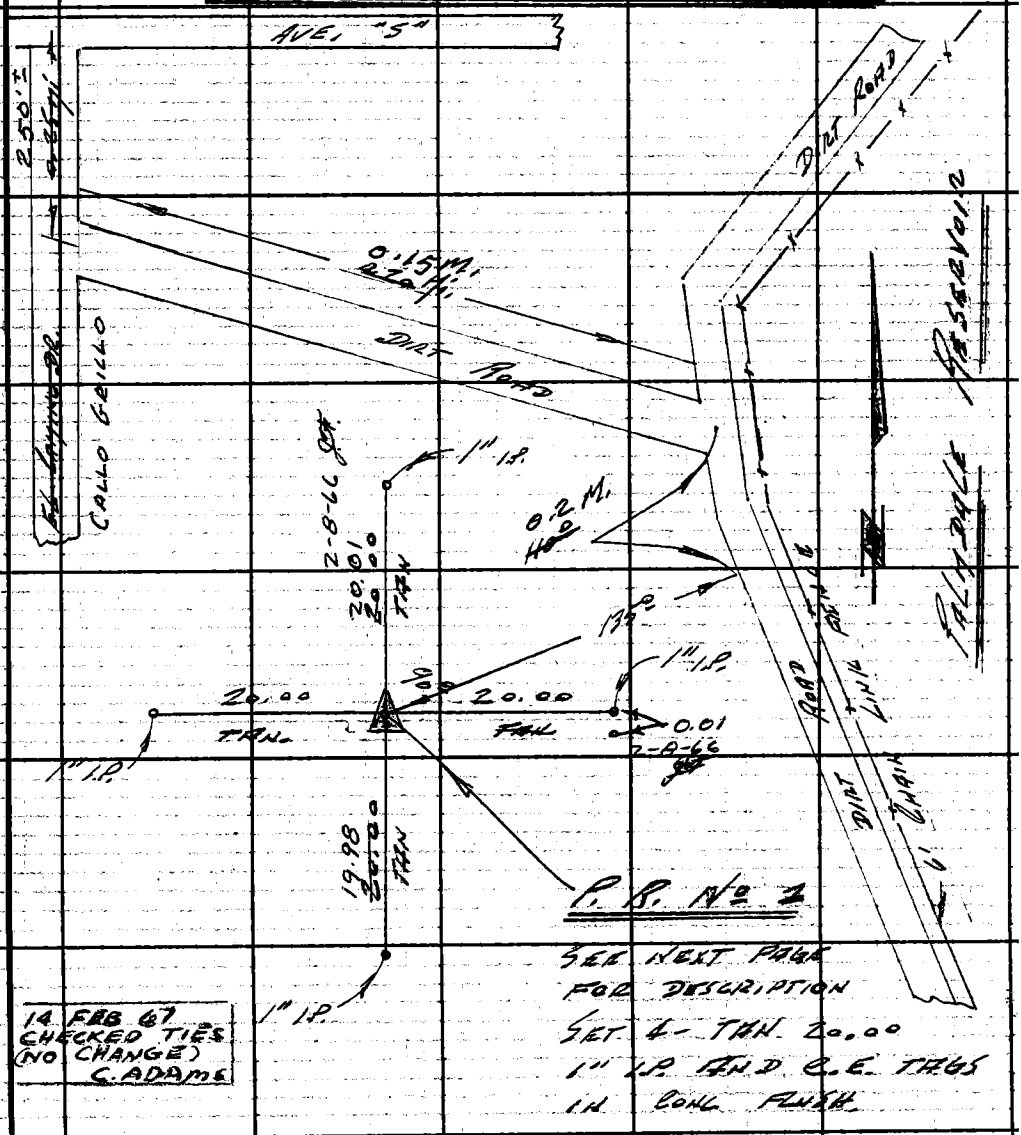
Note on Gen. Index Card ✓
Placed on U.S.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Gen. Desc. Card

LA COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
PALMDALE RESERVOIR No 1



P. R. No 1

SEE NEXT PAGE FOR DESCRIPTION
SET 4 - TAN 20.00
1" I.P. AND C.E. TAGS IN CONC. FLUSH

14 FEB 67
CHECKED TIES
(NO CHANGE)
C. ADAMS

76F3095 CE #310 6-62

F. B. 3173 PG. 32

DESCRIPTIONS

PALMDALE RESERVOIR Nº 1

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY. IT IS ON THE WEST SIDE OF THE PALMDALE RESERVOIR.
FROM THE INTERSECTION OF AVENUE "S" AND ~~EL CAMINO DRIVE~~ CALLO GRILLO, PROCEED SOUTH ON ~~EL CAMINO DRIVE~~ CALLO GRILLO 250 FT. ± ~~0.25~~ OF A MILE TO A DIRT ROAD ON THE LEFT. (~~DIRT ROAD IS ± 125 FEET SOUTH OF RR # 52801.~~) GO EAST ALONG DIRT ROAD 0.15 ~~0.20~~ OF A MILE UNTIL REACHING A 6' CHAIN LINK FENCE AT THE PALMDALE RESERVOIR BOUNDARY. THEN TURN RIGHT AND FOLLOW DIRT ROAD NEXT TO CHAIN LINK FENCE ± 0.12 MI. ~~FEET~~. THE MONUMENT IS 135 FEET SOUTH WEST OF THE FENCE LINE AT THAT POINT.

STATION MARK

SET A STANDARD 4" BRASS TRIANGULATION DISK, STAMPED P.R. Nº 1 1964 SET BY L.A. CO. ENGR RE 5869, IN A 12"X12" CONCRETE POST UP 4" ABOVE THE GROUND SURFACE.

REFERENCE MARKS

SET 4 TANGENT 20.00 1" I.P.S. AND C.S. TAGS IN CONCRETE FLUSH WITH THE GROUND.

SET A YELLOW MARKER PIPE 3º NORTH OF THE MONUMENT.

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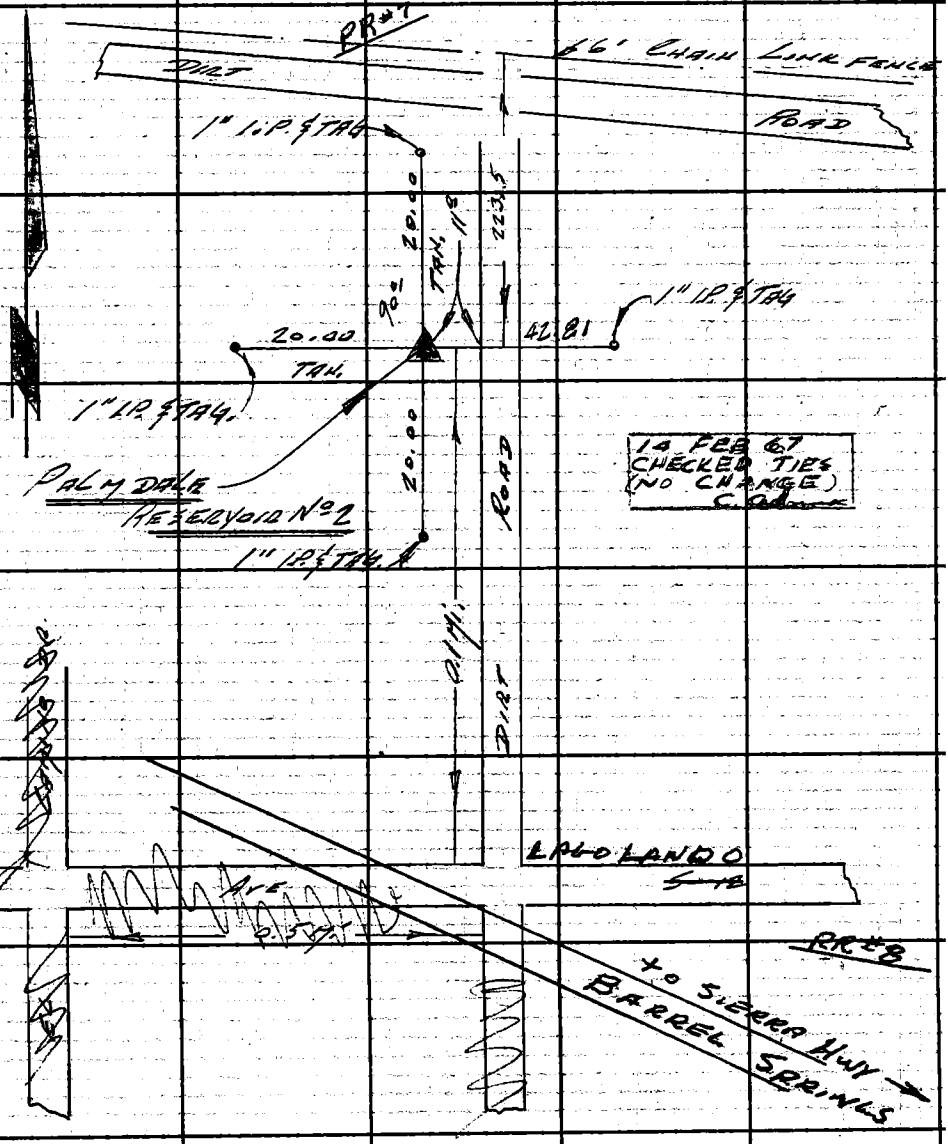
PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR	F. B. 3173 PG. 33
Map No.	JN 30126 Tape Std °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 8-14-64	
Date	Indexed C. J. GALLA	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

PALMDALE RESERVOIR No 2



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Note: Geo. Index Card
Plan U.S.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

76F309S CE #310 6-62

F. B. 3173 PG. 34

DESCRIPTIONS

PALMDALE RESERVOIR No 2

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY. IT IS ON THE SOUTH SIDE OF THE PALMDALE RESERVOIR. TO DRIVE TO THIS

FROM THE INTERSECTION OF ~~AVE "S"~~ SIERRA HWY. & BARREL SPRINGS GO WEST ~~AND EL CAMINO DRIVE GO SOUTH~~ 1.05 MI. TO LAGO LINDO GO EASTERLY ~~ON EL CAMINO DR. 0.8 MI. TO AVE S-12~~. ~~TURN LEFT AND GO EAST ON AVE S-12 0.5 MI.~~

- TO A DIRT ROAD ON THE LEFT. TURN LEFT AND GO NORTH ON DIRT ROAD 0.1 MI. STATION IS 11° FEET WEST OF THE WEST EDGE OF THE ROAD.

SET A YELLOW MARKER PIPE 3° EAST OF THE MONUMENT

STATION MARK

SET A STANDARD 4" BRASS TRIANGULATION DISK IN A 12"x12" CONCRETE POST UP 4" ABOVE THE GROUND. THE DISK IS STAMPED P.R. No 2 SET BY L. A. CO ENGR R.E. 5869 1964

REFERENCE MARKS

SET 4-TANGENT 1" I.P. & C.E. TAGS FLUSH IN CONCRETE

SEE FRONT OF PAGE FOR DETAILS

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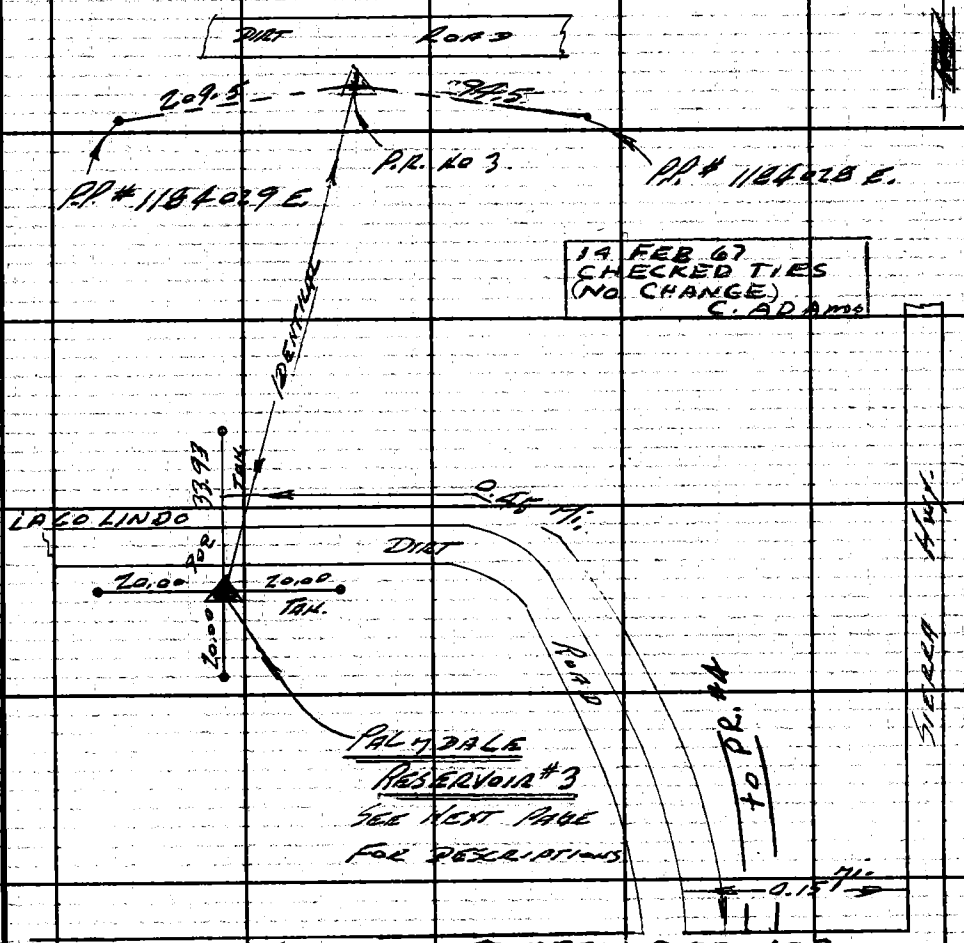
PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR	F. B 3173 PG. 35
Map No.	JN 30126 Tape Std °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 2-16-64	
Date	Indexed C. J. GALLI	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

PALMDALE RESERVOIR No 3



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 C.E. #310 6-62

F. B. 3173 PG 36

DESCRIPTIONS

PALMDALE RESERVOIR No 3

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY. IT IS ON THE SOUTH SIDE OF THE PALMDALE RESERVOIR.

TO REACH THIS STATION FROM THE INTERSECTION OF SIERRA HWY. AND BARREL SPRINGS ~~LAKE VIEW DRIVE~~ GO WEST ON BARREL SPRINGS RD. ~~LAKEVIEW DRIVE~~ 0.15 MI. TO A DIRT ROAD. TURN RIGHT AND GO N.WLY. 0.45 MI. TO THE STATION. THE MONUMENT IS FIVE FEET SOUTH OF THE SOUTH EDGE OF THE ROAD AND 94.5 WEST OF P.P. No 1184 028 E.

SET A YELLOW MARKER PIPE 3 FEET NORTH OF THE MONUMENT.

STATION MARK

SET A STANDARD 4" BRASS TRIANGULATION DISK IN THE TOP OF A 12"x12" CONCRETE MONUMENT PROJECTING 6" ABOVE THE GROUND. THE DISK IS STAMPED

P.R. No 3 SET BY L.A. CO. ENGR.
R.E. 5869 1964.

REFERENCE MARKS.

SET 4- TANGENT 1" I.P.S. AND C.E. TAGS IN CONCRETE FLUSH WITH THE SURFACE OF THE GROUND. SEE FRONT OF THIS PAGE FOR DETAILS.

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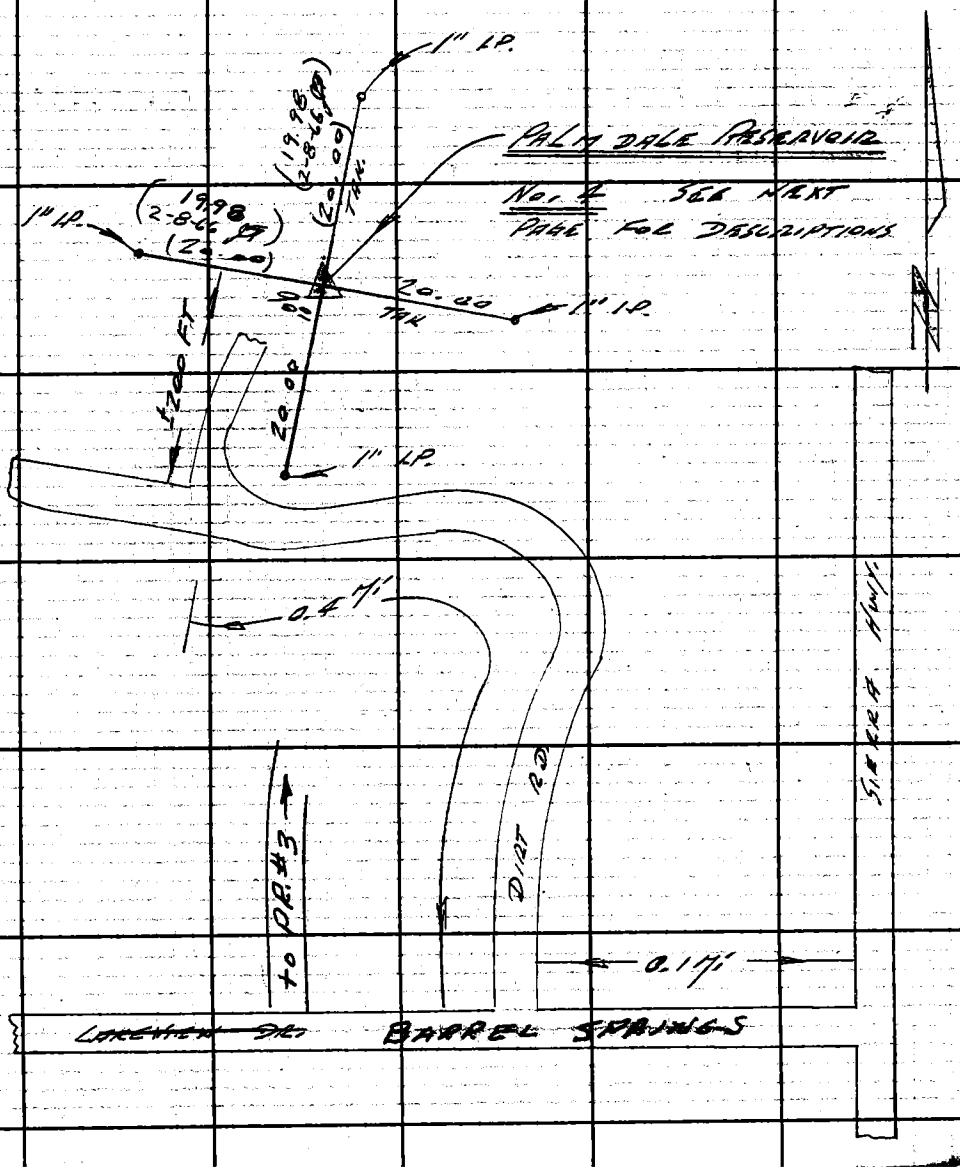
PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR	F. B. 3173 PG. 37
Map No.	JN 30106 Tape Std °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 2-19-64	
Date	Indexed T. J. CALLI	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIAGULATION STATION

PALMDALE RESERVOIR No 4



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Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

76F3095 CE #310 6-62

F.B. 3173 PG. 38

DESCRIPTIONS

PALMDALE RESERVOIR Nº 4

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY. IT IS ABOUT 300 FEET WEST OF THE SOUTH END OF THE PALMDALE RESERVOIR DIKE.

TO REACH THIS STATION FROM THE INTERSECTION OF SIERRA HWY. AND ~~BARREL SPRINGS DRIVE~~ GO WEST ON ~~BARREL SPRINGS DRIVE~~ 0.1 MILE TO A DIRT ROAD ON THE RIGHT. TURN RIGHT AND FOLLOW DIRT ROAD 0.4 MILE TO A FORK. TURN RIGHT AND DRIVE ± 200 FEET TO THE STATION.

SET A YELLOW MARKER PIPE 3º SOUTH OF THE MONUMENT.

STATION MARK

SET A STANDARD 4" BRASS TRIANGULATION DISK IN THE TOP OF A 12" X 12" CONCRETE MONUMENT PROJECTING 6" ABOVE THE GROUND. THE DISK IS STAMPED P.R. Nº 4 SET BY L.A. COUNTY ENGR. RE 5869 1964

REFERENCE MARKS

SET 4- TANGENT "20.00" 1" I.P.'S AND CE. TAGS IN CONCRETE FLUSH WITH THE SURFACE OF THE GROUND.

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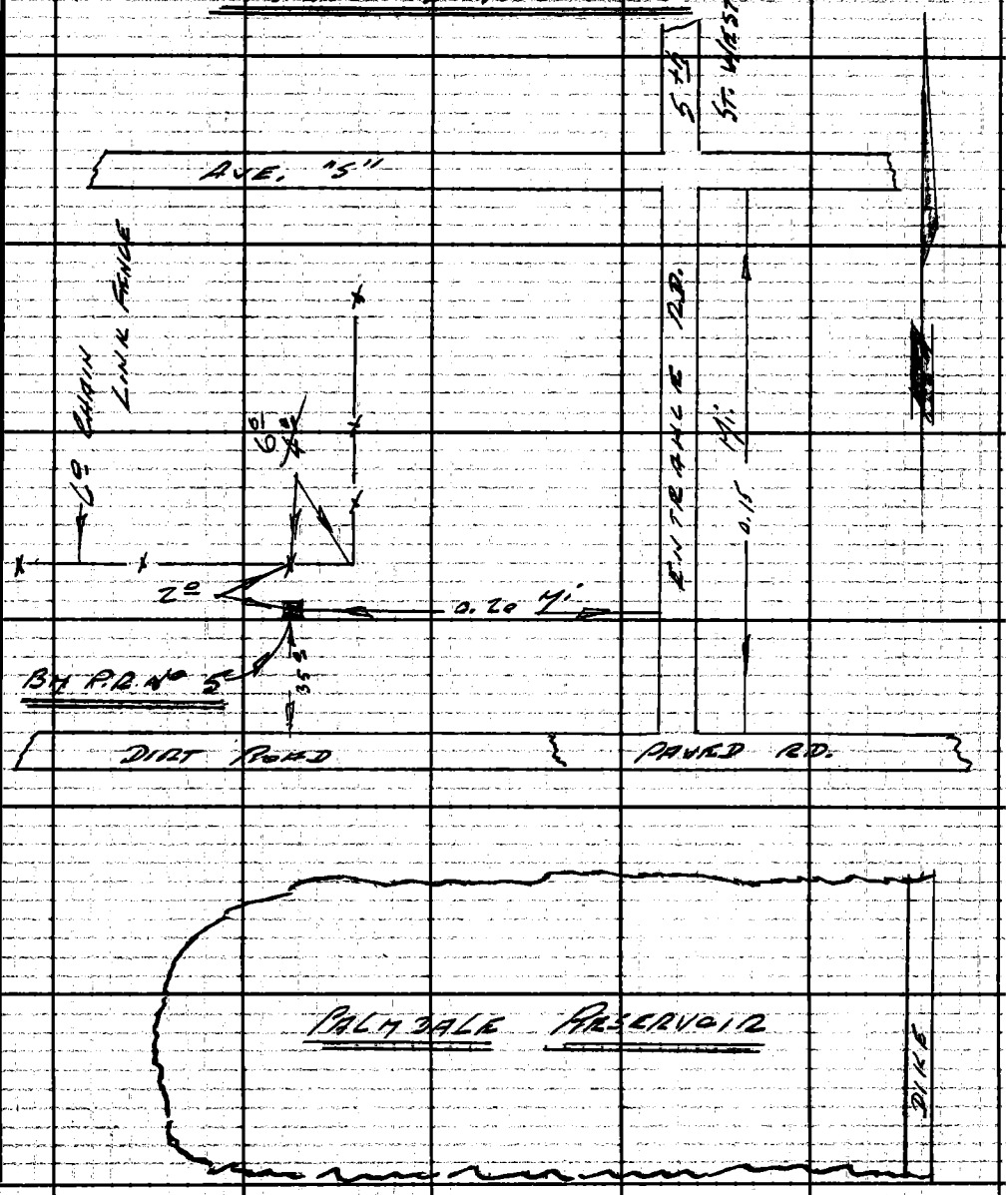
Palmdale Reservoir

Notes Ck'd by	Survey of Irrigation District
Map No.	JN 0301.06 Tape Std °F
Office Work	Surveyed by Lind
Checked	Notes Lind Date 3-7-64
Date	Indexed E. J. Gaul MAR 1 '64

F. B. 3173 Pg. 39

L.A. County Precise Level Net

B.M. P.R. No 5



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76F309S C.E. #310 6-62

F. B. 3173 PG. 40

DESCRIPTIONS

B.M. P.R. No 5

THIS BENCH MARK IS IN LOS ANGELES COUNTY. IT IS ON THE NORTH SIDE OF THE PALMDALE RESERVOIR.

TO REACH THIS MARK DRIVE TO THE ENTRANCE OF THE PALMDALE FIN AND FEATHER CLUB, AT AVE. "S" AND 5 1/2 STREET WEST. DRIVE SOUTH ON ENTRANCE ROAD 0.15 MI. TO A "T" INTERSECTION. TURN RIGHT AND GO WEST 0.10 MI. THE MARK IS 35° NORTH OF THE ROAD. IT IS ALSO 4° WEST AND 2° SOUTH OF THE CORNER OF A 6° CHAIN LINK FENCE. SET A YELLOW MARKER PIPE 2° SOUTH OF THE MONUMENT.

BENCH MARK

SET A STANDARD C.E. "BUTTON TYPE" BRASS CAP MONUMENT STAMPED, B.M. P.R. -5 RE 5849 1964, FLUSH WITH THE SURFACE OF THE GROUND.

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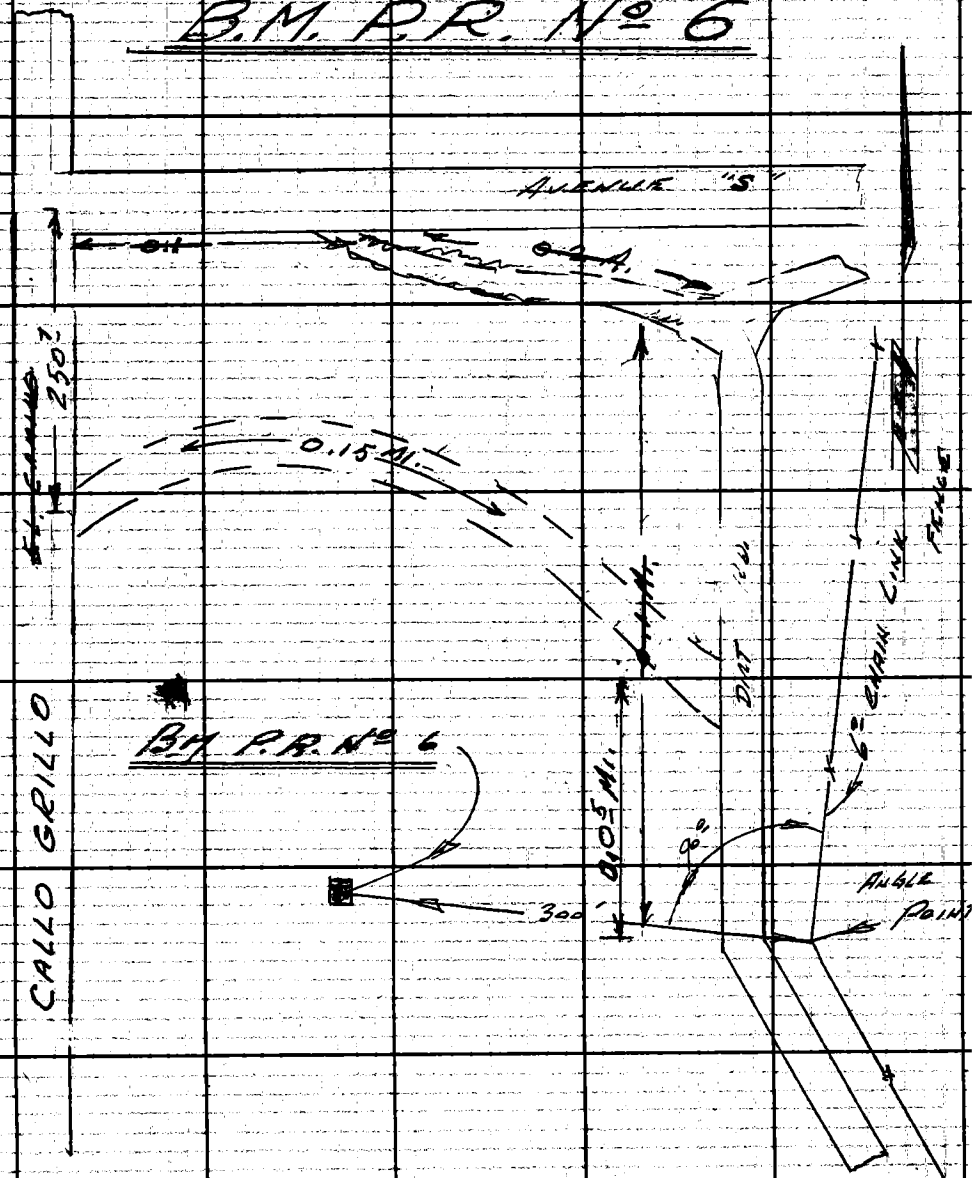
PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR
Map No.	JN 301.06 Tape Std °F
Office Work	Surveyed by LINO
Checked	Notes LINO Date 3-3-64
Date	Indexed C. J. GALLI

F. B. 3179 PG. 41

L. A. COUNTY PRECISE LEVEL NET

B.M. P.R. № 6



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76F309S C.E. #310 6-62

F. B. 3173 PG 42

DESCRIPTIONS

B.M. P.R. Nº 6

THIS BENCH MARK IS IN LOS ANGELES COUNTY. IT IS ON THE WEST SIDE OF THE PALMDALE RESERVOIR. TO REACH THIS MARK FROM THE INTERSECTION OF AVENUE "S" AND CALLO GRILLO ~~EL CAMINO REAL~~ GO SOUTH ON CALLO GRILLO TO A ~~AVE. "S" 0.1 MI. TURN RIGHT INTO~~ A DIRT ROAD AND DRIVE EASTERLY ALONG DIRT ROAD ~~0.1~~ 0.15 MI. TO A FORK. KEEP RIGHT AND GO SOUTHERLY ALONG A DIRT ROAD ~~0.1~~ 0.85 MI. TO A ANGLE POINT IN A 6º CHAIN LINK FENCE. THE MARK IS 300 FEET WEST OF THE ANGLE POINT AND IS 90 DEGREES TO THE FENCE LINE LOOKING NORTHERLY.

BENCH MARK

SET A STANDARD L.E. BRASS CAP "BUTTON TYPE" MONUMENT STAMPED B.M. P.R. - 6 RE 5869 1964 UP 0.2 ABOVE THE GROUND. SET A YELLOW MARKER PIPE 2º NORTH OF THE MONUMENT.

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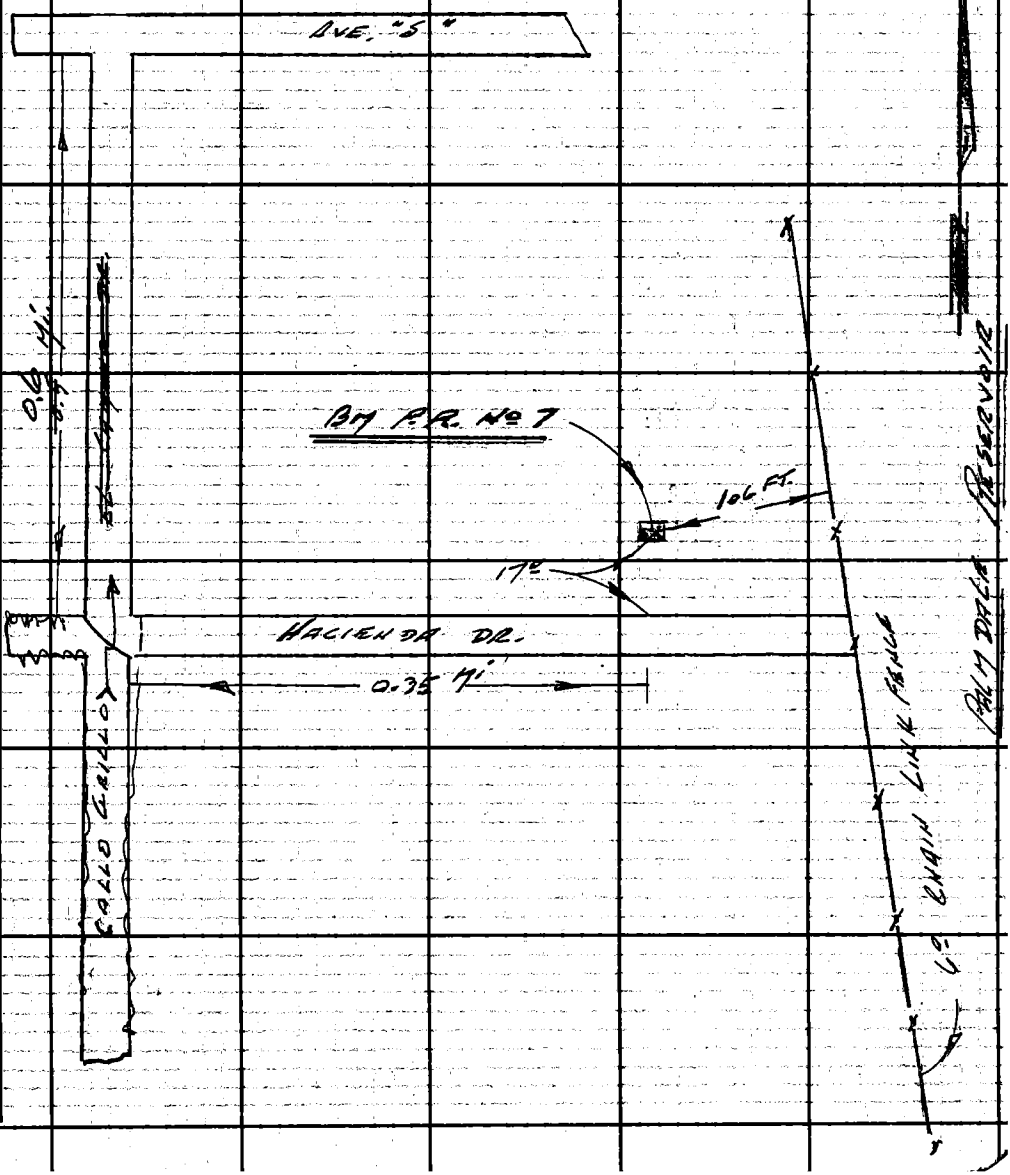
PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR
Map No.	JN 03 of 06 Tape Std °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 2-3-64
Date	Indexed C. J. GALLI

F. B. 3173 PG. 43

L.A. COUNTY PRECISE LEVEL NET

B.M. P.R. No 7



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76F309S CE #310 -62

F. B. 3173 PG 44

DESCRIPTIONS

BM PR Nº 7

THIS BENCH MARK IS IN LOS ANGELES COUNTY. IT IS ON THE WEST SIDE OF THE PALMDALE RESERVOIR. TO REACH THIS BENCH MARK FROM

THE INTERSECTION OF AVE "S" AND ~~EL GRILLO DRIVE~~ CALLO GRILLO, GO SOUTH ON ~~EL GRILLO DRIVE~~ CALLO GRILLO 0.6 MI. TO END. LT. ON HACIENDA DRIVE. TURN LEFT AND GO EAST ON HACIENDA DRIVE, A DIRT ROAD, FOR 0.35 MILE TO THE MARK.

THE MARK IS 17 FEET NORTH OF THE NORTH EDGE OF THE ROAD AND 106 FEET WESTERLY OF THE PALMDALE RESERVOIR 6' CHAIN LINK FENCE.

BENCH MARK

SET A STANDARD L.A. "BUTTON TYPE" BRASS CAP MONUMENT STAMPED BM. P.R. - 7 RE5869 1964. 0.2 FT. ABOVE THE GROUND.

SET A YELLOW MARKER PIPE 2 FEET SOUTH OF THE MONUMENT.

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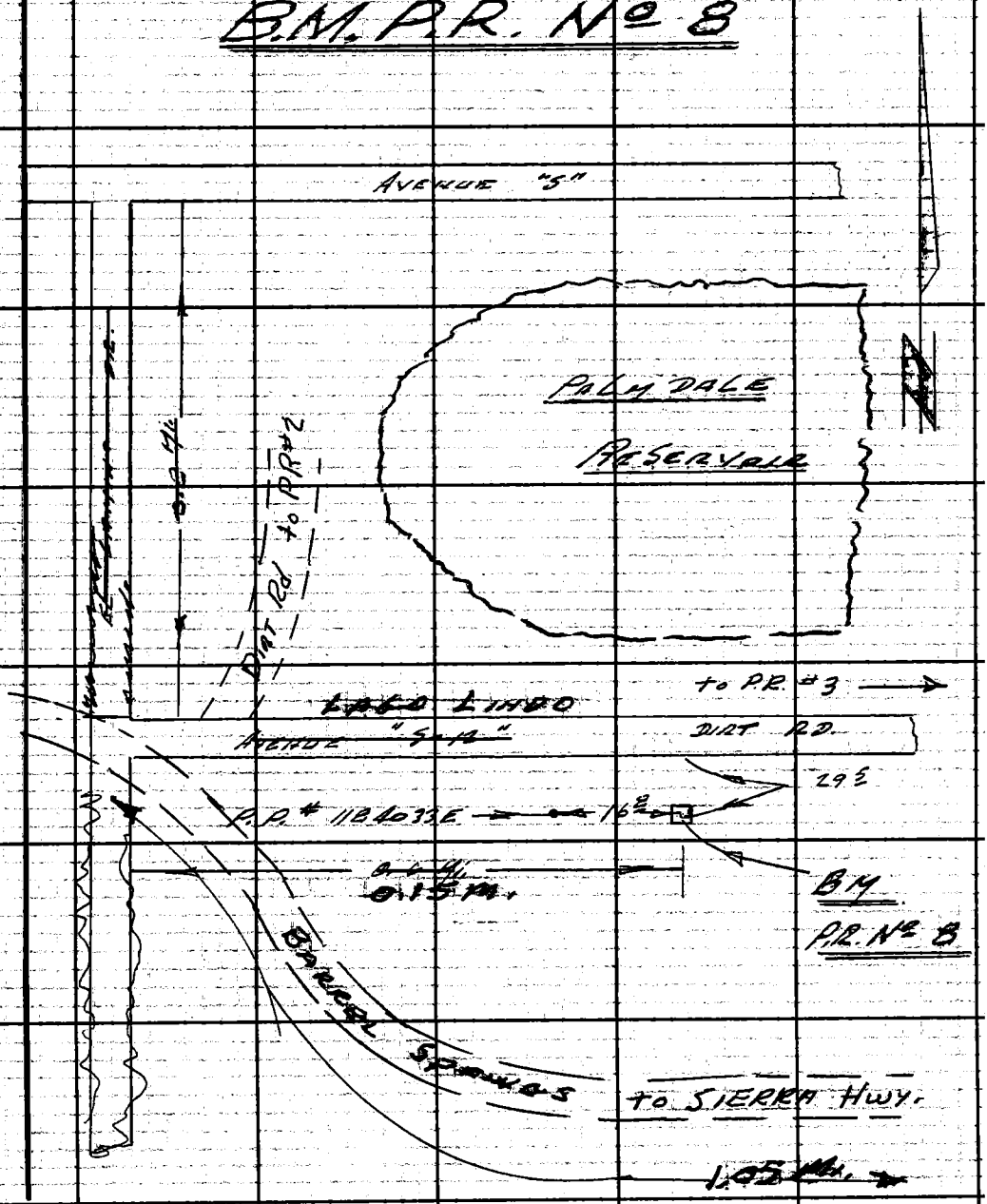
PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR
Map No.	JN 0301.06 Tape Std °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 3-4-64
Date	Indexed C. J. GATT

F. B. 3173 PG. 45

L.A. COUNTY PRECISE LEVEL NET

B.M. P.R. Nº 8



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76F3095 CE #310 6-62

F. B. 3173 PG. 46

DESCRIPTIONS

B.M.P.R. Nº 8

THIS BENCH MARK IS IN LOS ANGELES COUNTY. IT IS ON THE WEST SIDE OF THE PALMDALE RESERVOIR.
~~TO REACH THIS MARK FROM THE INTER SECTION OF EL CAMINO DR. AND AVENUE S-12, GO EAST ON AVENUE S-12 0.6 MILE TO THE MARK.~~
THE MARK IS 29.5 FEET SOUTH OF THE SOUTH EDGE OF THE DIRT ROAD AND 16.8 FEET EAST OF P.P. Nº 118 4033 E.
SET A YELLOW MARKER PIPE 2º N. OF THE MONUMENT.

BENCH MARK

SET A STANDARD C.E. "BUTTON TYPE" BRASS CAP MONUMENT STAMPED BY P.R.-8 RE 5869 1964, 0.1 ABOVE THE GROUND

TO REACH

FROM SIERRA HWY & BARREL SPRINGS WEST-DRIVE W'LY ON BARREL SPRG'S 1.05 MI. TO LALO LINO-A DIRT RD BEARING E'LY. GO EAST 0.15 MI. TO STATION.

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PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR
Map No.	JN 0301.06 Tape Std °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 3-2-64
Date	Indexed C. J. GALLI MAR 17 '64

F. B. 3173 PG. 47

U.N. 0301.06

PALMDALE IRRIGATION

DISTRICT RESERVOIR

PRECISE LEVELS

3-2-64
THRU.
3-12-64

LIND
MALDONADO
MARTINEZ
OHASHI
RODRIGUEZ

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76F309S C.E. #310 6-62

F. B. 3177 PG 48

SEE PAGES 6 AND 7
FOR INDEX

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76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Lind WEATHER Winter INST. NO. 75234

NOTES BY Lind DATE 3-2-64 TIME 1:00 to 1:15 ROD NO. 95-96

INDEXED E. J. GAUL DATE NOTES CHKD [illegible] DATE JUL 23 '64

F.B. 3173 PG. 49

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-1 TO BM 101-4
BM 101-1				115				186	BM 101-1 (4-429, 1935)
1	103	332	404 5	91 24	174	499	475 5	162 24	FOR DESC SEE F.B. 2410-7
					103	332		24	
DIFF ELEV					-71	167	CM	48	METERS
BM 101-2									BM 101-2
				110				169	
1	98	011	399 5	86 24	157	382	458 5	146 23	
					98	011		24	
					-59	371	CM	47	
BM 101-3									BM 101-3
				68				132	
1	55	149	356 5	42 26	119	913	420 5	106 26	
					55	149		26	
Diff. Elev.					-64	764	CM	52	METERS
BM 101-4									BM 101-4

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-4 TO BM 101-1
BM 101-4				136				71	BM 101-4
1.	123	112	424 5	110 26	58	323	359 5	45 26	
	58	323						26	
Diff. Elev.	+ 64	789	cm					52	m.
BM 101-3				162				103	BM 101-3
1.	150	550	451 5	138 24	91	200	392 5	79 24	
	91	200						24	
Diff. Elev.	+ 59	350	cm					48	m.
BM 101-2				190				119	BM 101-2
1.	178	179	479 5	166 24	107	011	408 5	95 24	
	107	011						24	
Diff. Elev.	+ 71	168	cm					48	m.
BM 101-1									BM 101-1

WEATHER Windy INST. NO. 75234
TIME 1:40 to 1:45 ROD NO. 95-96
NOTES CHKD [illegible] DATE JUL 23 '84

F.B. 3173 PG. 50 JOB NO. 0301.06
SURVEY OF L.A. County Precise Level Net
SURVEY BY Lind NOTES Lind
INDEXED [illegible] J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Lind DATE 3-2-64 WEATHER Windy INST. NO. 752.34

NOTES BY Lind DATE TIME 1:15 to 1:25 ROD NO. 45-9[illegible]

INDEXED [illegible] J. GAIM DATE NOTES CHKD [illegible] DATE 11-23-64

F.B. 3173 PG. 51

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-4 TO BM 101-7
BM 101-4				46				90	BM 101-4
1	34	998	335 5	22 24	78	843	379 5	66 24	
					34	998		24	
Diff. Elev.				-	43	845	cm	48	Meters
BM 101-5									BM 101-5
				70				145	
1	59	821	360 5	46 24	133	174	434 5	121 24	
					59	821		24	
Diff. Elev.					- 73	353	cm	48	M.
BM 101-6									BM 101-6
				135				45	
1	123	933	424 5	111 24	33	487	334 5	21 24	
	33	487						24	
Diff. Elev.	+ 90	446	cm					48	Meters
BM 101-7									BM 101-7

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-7 TO BM 101-4
BM 101-7				57				148	BM 101-7
1.	45	618	346 5	33 24	136	068	437 5	124 24	
					45	618		24	
Diff. Elev.					-90	450	CM	48	M.
BM 101-6				149				75	BM 101-6
1.	137	139	438 5	125 24	63	783	364 5	51 24	
	63	783						24	
Diff. Elev	+73	356	CM					48	M.
BM 101-5				93				50	BM 101-5
1.	81	839	382 5	69 24	38	010	339 5	26 24	
	38	010						24	
Diff. Elev.	+43	829	CM					48	M.
BM 101-4									BM 101-4

WEATHER Windy INST. NO. 75234

TIME 1:30 to 1:40 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 23 '64

JOB NO. 0301.06

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Lind NOTES Lind

INDEXED C. I. GALLI DATE

B. 3173 PG. 52

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY LIND DATE 3-2-64 WEATHER Windy INST. NO. 75274

NOTES BY LIND DATE 3-2-64 TIME 1:30 to 1:40 ROD NO. 95-96

INDEXED C. J. GAUN DATE NOTES CHKD [illegible] DATE JUL 23 '64

F.B. 3173 PG. 53

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-7 TO BM 101-10
BM 101-7									BM 101-7
1	227	651	528 5	239 216 23	169	844	470 5	281 157 24	
	169	844						23	
Diff. Elev.	+ 57	807	CM					47	M.
BM 101-8									BM 101-8
1	60	659	361 5	72 48 24	155	400	456 5	167 142 25	
					60	659		24	
Diff. Elev.					- 94	741	CM	49	M.
BM 101-9									BM 101-9
1	126	807	427 5	138 114 24	146	111	447 5	158 134 24	
					126	807		24	
Diff. Elev.					- 19	304	CM	48	M
BM 101-10									BM 101-10

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-10 TO BM 101-7
BM 101-10				162				144	BM 101-10
1.	151	421	452 5	140 22	132	139	433 5	120 24	
	132	139						22	
Diff. Elev. +	19	282	cy					46 y.	
BM 101-9				174				79	BM 101-9
1.	161	874	462 5	148 26	67	131	368 5	55 24	
	67	131						26	
Diff. Elev. +	94	743	cy					50 y	
BM 101-8				183				240	BM 101-8
1.	171	221	472 5	159 24	228	940	529 5	216 24	
					171	221		24	
Diff. Elev.					57	719	cy	48 y.	
BM 101-7									BM 101-7

WEATHER Windy INST. NO. 75234

TIME 1:20 to 1:30 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 23 '64

JOB NO. 0301.06

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Lind NOTES Lind

INDEXED C. J. GALL DATE

B. 3173 PG. 54

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY LWD WEATHER Windy INST. NO. 7522

NOTES BY LWD DATE 3-2-64 TIME 1:40 to 1:55 ROD NO. 95-96

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE JUL 23 '64

F.B. 3173 PG. 55

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 101-10 TO BM 101-13
BM 101-10													BM 101-10
					175						91		
1	168	572	469	5	161	14	84	789	385	5	77	14	
	84	789										14	
Diff. Elev.	83	783	cm									28	m.
BM 101-11													BM 101-11
					21	½					241		
1	21	850	322	5	44	46	217	935	518	5	193	48	
							21	850				46	
Diff. Elev.							- 196	085	cm			94	m.
BM 101-12													BM 101-12
					135						153		
1	123	318	424	5	111	24	141	700	442	5	129	24	
							123	318				24	
Diff. Elev.							- 18	382	cm			48	m
BM 101-13													BM 101-13

T E.M.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-13 TO BM 101-10
BM 101-13				161				142	BM 101-13
1.	149	101	450 5	137 24	130	720	431 5	118 24	
	130	720						24	
Diff. Elev. +	18	381	CM					48	y.
BM 101-12				255				59	BM 101-12
1.	232	461	533 5	209 46	36	451	337 5	13 46	
	36	451						46	
Diff. Elev. +	196	010	CM					92	y.
BM 101-11				100				183	BM 101-11
1.	93	030	394 5	86 14	176	724	477 5	169 14	
					93	030		14	
Diff. Elev				-	83	694	CM	28	y.
BM 101-10									BM 101-10

WEATHER Windy INST. NO. 75234
TIME 1:15 to 1:20 ROD NO. 95-96
NOTES CHKD [illegible] DATE JUL 23 '64

JOB NO. 0301.06
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Lind NOTES Lind
INDEXED R. J. GALL DATE

B. 3173 PG. 96

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Linn WEATHER Windy INST. NO. 72234

NOTES BY Linn DATE 3-2-64 TIME 1:55 pm ROD NO. 9544

INDEXED R. T. Garst DATE NOTES CHKD. [illegible] DATE MAR 23 '64

F.B. 3173 PG. 57

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 101-13 TO BM 101-16
BM 101-13													BM 101-13
					156						154		
1	144	581	445	5	132	24	142	911	443	5	130	24	
	142	911										24	
Diff. Elev.	+1	670	cm									48	M.
BM 101-14													BM 101-14
					157						162		
1	145	999	446	5	133	24	170	642	471	5	158	24	
							145	999				24	
Diff. Elev.							-24	643	cm			48	M
BM 101-15													BM 101-15
					95						171		
1	82	999	383	5	70	25	159	703	460	5	146	25	
							82	999				25	
Diff. Elev.							-76	704	cm			50	M.
BM 101-16													BM 101-16

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-16 TO BM 101-13
BM 101-16				174				96	BM 101-16
1.	161	070	462 5	148 26	84	412	385 5	72 24	
	84	412						26	
Diff. Elev. +	76	658	CM					50	M.
BM 101-15				188				164	BM 101-15
1.	176	902	477 5	164 24	152	282	453 5	140 24	
	152	282						24	
Diff. Elev. +	24	620	CM					48	
BM 101-14				160				161	BM 101-14
1.	148	292	449 5	136 24	149	977	450 5	137 24	
					148	292		24	
Diff. Elev.					- 1	685	CM	48	M.
BM 101-13									BM 101-13

WEATHER Windy INST. NO. 75234
TIME 11:20 to 11:25 ROD NO. 95-96
NOTES CHKD [signature] DATE JUL 23 '64

JOB NO. 0301.06
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Lind NOTES Lind
INDEXED B. J. GALL DATE

B. #11 73 PG. 58

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY LIND
NOTES BY LIND DATE 3-2-64
INDEXED C. GALLI DATE
WEATHER WINDY INST. NO. 75234
TIME 2:10 TO 2:20 ROD NO. 95 96
NOTES CHKD [illegible] DATE JUL 23 '64
F.B. 3173 PG. 59

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-16 TO BM 101-19
BM 101-16				148				170	BM 101-16
1	136	469	437 5	124 24	158	045	459 5	146 24	
					136	469		24	
Diff. Elev.					21	576	CM	48 M.	
									T E.M.
BM 101-17				95				185	BM 101-17
1	83	625	384 5	71 24	173	202	474 5	161 24	
					83	625		24	
Diff. Elev.					89	577	CM	48 M.	
BM 101-18									BM 101-18
				118				179	
1	107	794	408 5	195 23	167	841	468 5	155 24	
					107	794		23	
Diff. Elev.					60	047	CM	47 M.	
BM 101-19									BM 101-19

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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WEATHER Windy INST. NO. 75234
TIME 11:05 to 11:20 ROD NO. 95-96
NOTES CHKD. DATE JUL 23 '84

JOB NO. 0301.06
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Lind NOTES Lind
INDEXED G. J. GAUM DATE

B. 3173 PG. 60

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-19 TO BM 101-16
BM 101-19					164						104		BM 101-19
1.	152	920	453	5	140	24	92	907	393	5	80	24	
	92	907										24	
Diff. Elev. +	60	013	CM									48	M.
BM 101-18					192						103		BM 101-18
1.	180	797	461	5	168	24	91	201	392	5	79	24	
	91	201										24	
Diff. Elev. +	89	596	CM									48	M.
BM 101-17					148						126		BM 101-17
1.	135	911	436	5	122	26	114	372	415	5	102	24	
	114	332										26	
Diff. Elev. +	21	579	CM									50	M.
BM 101-16													BM 101-16

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Lind
NOTES BY Lind DATE 3-2-64 TIME 2:20 to 1 WEATHER Windy INST. NO. 75234
INDEXED E. J. GAIL DATE NOTES CHKD [illegible] DATE 3-23-64 ROD NO. 45-48
F.B. 3173 PG. 61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM By 101-19 TO By 101-22
By 101-19				119				196	By 101-19
1	107	168	408 5	95 24	185	437	486 5	173 23	
					107	168		24	
Diff. Elev.					-78	269	cm	47 m	
									π E.M.
By 101-20				72				173	By 101-20
1	60	587	361 5	48 24	162	044	463 5	150 23	
					60	587		24	
Diff. Elev.					-101	457	cm	47 m	
By 101-21									By 101-21
1	100	568	401 5	112 88 24	144	464	445 5	156 132 24	
					100	568		24	
Diff. Elev.					-43	896	cm	48 m	
By 101-22									By 101-22

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-22 TO BM 101-19
BM 101-22				156				112	BM 101-22
1.	144	752	445 5	132 24	100	880	401 5	88 24	
	100	880						24	
Diff. Elev. +	43	872	CM					48 M.	
BM 101-21				193				92	BM 101-21
1.	182	781	483 5	171 22	81	362	382 5	70 22	
	81	362						22	
Diff. Elev.	101	.419	CM					44 M	
BM 101-20				189				110	BM 101-20
1.	177	089	478 5	165 24	98	818	399 5	86 24	
	98	818						24	
Diff. Elev +	78	271	CM					48 M.	
BM 101-19									BM 101-19

WEATHER Windy INST. NO. 75234

TIME 10:50 To 11:00 ROD NO. 95-96

NOTES CHKD. [illegible] DATE JUL 23 '64

JOB NO. 0301.06

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Lind NOTES Lind

INDEXED R. J. GALLI DATE

B. 3173 PG. 62

76P526 CE # 308 3-61

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Lind

NOTES BY Lind DATE 3-2-64 WEATHER Windy INST. NO. 75274

INDEXED F. Gaza DATE NOTES CHKD. DATE JUL 23 '64

TIME 2:15 to 2:45 ROD NO. 45190

F.B. 3173 PG. 63

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM By 101-22 TO By 101-26
By 101-22					123						176		By 101-22
1	110	654	411	5	98	25	163	392	464	5	150	24	
							110	654				25	
Diff. Elev.							-52	738	cm			51	Meters
By 101-23					98						187		By 101-23
1	86	055	387	5	74	24	175	931	476	5	163	24	
							86	055				24	
Diff. Elev.							-89	876	cm			48	Meters
BM 101-24					127						177		BM 101-24
1	115	632	416	5	103	24	165	253	466	5	153	24	
							115	632				24	
Diff. Elev.							-49	621	cm.			48	Meters
BM 101-25					163						167		BM 101-25
1	151	274	452	5	138	25	155	190	456	5	143	24	
							151	274				25	
Diff. Elev.							-3	916	cm			49	Meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

INST. NO. 75234 ROD NO. 55-96 DATE JU 23 '64

WEATHER Sunny TIME 10:40 to 10:55 NOTES CHKD BLT

SURVEY OF L.A. Co. Precise Level Net JOB NO. 6301.02

SURVEY BY Land NOTES Land DATE

INDEXED C. J. GALLI

F.B. 3173 PG. 64

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS From By 101-26 To By 101-22
By 101-26					164						160		By 101-26
1.	152	703	453	5	140	24	148	818	449	5	136	24	
	148	818										24	
												48	M.
	+3	885	CM										
By 101-25					166						116		By 101-25
1.	154	503	455	5	142	24	104	912	405	5	92	24	
	104	912										24	
												48	M.
	+ 49	591	CM										
By 101-24					192						102		By 101-24
1.	180	692	481	5	168	24	90	720	391	5	78	24	
	90	720										24	
												48	M.
	+ 89	972	CM										
By 101-23					179						126		By 101-23
1.	166	520	467	5	153	26	113	741	414	5	100	26	
	113	741										26	
												52	M.
	+ 52	779	CM										
By 101-22													By 101-22

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C. R. Lind
NOTES BY J.M. Maldonado DATE 3-3-62 TIME 9:30-9:45 WEATHER windy INST. NO. 25237
INDEXED C. J. GAIM DATE NOTES CHKD DATE JUL 23 '64 ROD NO. 85-96
F.B. 3173 PG. 65

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 101-26 TO BM 101-30
BM 101-26					153						170		BM 101-26
1	146	514	447	5	140	13	163	582	464	5	157	13	
							146	514				13	
Diff. Elev.							- 17	068	cm			26	Meters
BM 101-27					192						115		BM 101-27
1	181	371	482	5	170	22	105	630	406	5	94	21	
	105	630										22	
Diff. Elev.	+ 75	741	cm									43	Meters
BM 101-28					110						98		BM 101-28
1	103	504	404	5	97	13	92	318	393	5	86	12	
	92	318										13	
Diff. Elev.	+ 11	186	cm.									25	Meters
BM 101-29					217						129		BM 101-29
1	211	892	512	5	204	13	123	802	424	5	116	13	
	123	802										13	
Diff. Elev.	[illegible]	[illegible]										[illegible]	Meters BM 101-30

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

SURVEY OF L.A. CO PRECISE LEVEL NET
SURVEY BY LUND
INDEXED E. J. GALL
DATE
JOB NO. 0301.02
NOTES LUND
PG. 66
F.B. 3173
WEATHER Sunny
TIME 10:15 to 10:35
NOTES CHKD. [illegible]
ROD NO. 95-96
INST. NO. 75274
DATE JUL 23 '64

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From BM 101-30 To BM 101-26
BM 101-30					124						212		BM 101-30
1.	118	881	419	5	112	12	206	978	507	5	200	12	
							118	881				12	
							- 88	097	CM			24	M.
BM 101-29					104						116		BM 101-29
1.	98	662	399	5	92	12	109	841	410	5	102	14	
							98	662				12	
							- 11	179	CM			26	M
BM 101-28					118						194		BM 101-28
6.	108	350	409	5	98	20	184	113	485	5	174	20	
							108	350				20	
							- 75	763	CM			40	M
BM 101-27					176						159		BM 101-27
1.	170	223	471	5	164	12	153	170	454	5	149	12	
	153	170										12	
	+ 17	053										24	M.
BM 101-26													BM 101-26

F.B. 3173 PG. 67

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY C. K. Lind WEATHER Sunny INST. NO. 75234

NOTES BY J. M. Maldonado DATE 3-4-64 TIME 9:45 - 10:05 ROD NO. 95-96

INDEXED C. J. GAUN DATE NOTES CHKD [illegible] DATE JUL 23 '64

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-30 TO BM 101-34
BM 101-30				91				123	BM 101-30
1	84	440	385 5	76 15	116	638	417 5	108 15	
					84	440		15	
Diff. Elev.					-32	198 cm		30 Meters	
BM 101-31				160				176	BM 101-31
1	154	279	455 5	148 12	170	632	471 5	164 12	
					154	279		12	
Diff. Elev.					-16	353 cm.		24 Meters	
BM 101-32				161				166	BM 101-32
1	155	440	456 5	149 12	160	964	461 5	154 12	
					155	440		12	
Diff. Elev.					-5	524 cm.		24 Meters	
BM 101-33				153				158	BM 101-33
1	155	836	456 5	141 12	152	238	453 5	146 12	
	152	238						12	
Diff. Elev.	+3	598 cm.						24 Meters	BM 101-34

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM Bm 101-34 TO Bm 101-30
Bm 101-34					159						162		Bm 101-34
1.	153	130	454	5	147	12	156	698	457	5	150	12	
							153	130				12	
							-3	568	cm			24	M.
Bm 101-33					172						165		Bm 101-33
1.	165	182	466	5	158	14	159	633	460	5	153	12	
	159	633										14	
	+ 5	549	cm									26	M.
Bm 101-32					145						128		Bm 101-32
1.	138	641	439	5	131	14	122	300	423	5	116	12	
	122	300										14	
	+ 16	341	cm									26	M.
Bm 101-31					126						94		Bm 101-31
1.	119	612	420	5	112	14	87	420	388	5	80	14	
	87	420										14	
	+ 32	192	cm									28	M.
Bm 101-30													Bm 101-30

WEATHER SUNNY INST. NO. 75234

TIME 10:00 TO 10:15 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 23 '64

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY LIND NOTES LIND

INDEXED C. J. GALL DATE

C.B. 3173 PG. 68

76P526 CE # 306 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C. K. Lind
NOTES BY J. M. Maldonado DATE 3-4-64
INDEXED J. GALLI DATE
WEATHER Windy
TIME 10:05 - 11:25
NOTES CHKD [illegible] DATE JUL 23 '64
INST. NO. 7523
ROD NO. 95-9
F.B. 3173 PG. 69

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-34 TO BM 101-38
BM 101-34				140				150	BM 101-34
1	135	362	436 5	130 10	145	581	446 5	140 10	Reject
					135	362		10	Sights probably reversed.
Diff. Elev.					+10	219	cm.	20	Meters
BM 101-35				138				150	BM 101-35
1	126	411	427 5	114 24	138	416	439 5	126 24	
					126	411		24	
Diff. Elev.					-12	005	cm	48	Meters
BM 101-36				135				179	BM 101-36
1	123	577	424 5	111 24	167	666	468 5	155 24	
					123	577		24	
Diff. Elev.					-44	089	cm.	48	Meters
BM 101-37				184				179	BM 101-37
1	172	653	473 5	160 24	166	572	467 5	154 25	
	166	572						24	
Diff. Elev.	+6	081						49	Meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

INST. NO. 75-274 ROD NO. 95-94 DATE JUL 23 64

WEATHER Sunny TIME 9:50 To 10:00 NOTES CHKD. [illegible]

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-38 TO BM 101-34
BM 101-38					182						187		BM 101-38
1.	169	519	470	5	156	26	175	611	476	5	163	24	
							169	519				24	
DIFF							-6	092	cm			50	M.
BM 101-37					182						138		BM 101-37
1.	170	612	471	5	158	24	126	520	427	5	114	24	
	126	520										24	
	+ 44	092	cm									48	M.
BM 101-36					150						138		BM 101-36
1.	138	768	439	5	126	24	126	749	427	5	114	24	
	126	749										24	
	+ 12	019	cm									48	M.
BM 101-35					146						156		BM 101-35
1.	141	612	442	5	136	10	151	620	452	5	146	10	
							141	612				10	
							- 10	008	cm			20	M.
BM 101-34													BM 101-34

B. 3173 PG. 70 JOB NO. 030.100

SURVEY OF L.A. COUNTY PARCEL LINE

SURVEY BY GLEN NOTES

INDEXED BY J. GALLI DATE

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

Re-Run

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM By 101-34 TO By 101-35
By 101-34									By 101-34
"	152	028	453 5	157 147 10	141	930	442 5	146 136 10	
"	141	930						10	
DIFF	+ 10	098	cm.					20	
By 101-35									By 101-35

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Lind WEATHER Sunny INST. NO. 75234

NOTES BY Lind DATE 3-10-64 TIME 2:30 to 2:35 ROD NO. 95-96

INDEXED E. J. GALL DATE NOTES CHKD [illegible] DATE 11-23-64

F.B. 3173 PG. 71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

RE-RUN

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-35 TO BM 101-34
BM 101-35					146						155		BM 101-35
1.	140	275	441	5	135	10	150	256	451	5	145	10	Reject
							140	275				10	
							9	481				20	M.
BM 101-34													BM 101-34

F.B. 3173 PG. 72 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY LIND NOTES LIND

INDEXED G. J. GALL DATE

WEATHER Sunny INST. NO. 75234

TIME 2:30 to 2:40 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 23 '64

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C. K. Lind
NOTES BY J.M. Maldonado DATE 3-4-64
INDEXED [illegible] DATE
WEATHER Windy INST. NO. 7523
TIME 11:25-1:30 ROD NO. 95-96
NOTES CHKD [illegible] DATE 11 27 '64
F.B. 3173 PG. 73

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM101-38 TO BM101-42
BM 101-38					173						51		BM 101-38
1	166	245	467	5	159	14	44	385	345	5	37	14	
					291						56		
2	282	516	583	5	273	18	47	076	348	5	38	18	
	448	761				32	91	461				32	
	91	461										32	
DIFF +	357	300										64 M.	
					126						255		
BM 101-39	115	865	416	5	103	23	244	433	545	5	232	23	BM 101-39
1							115	865				23	
						-	128	568	cm			46 M	
Diff. Elev													
BM 101-41					60						247		BM 101-41
1	54	402	355	5	48	12	240	093	541	5	233	14	
					84						230		
2	78	359	379	5	72	12	223	658	524	5	216	14	
	132	761				24	463	751				28	
							132	761				24	
						-	330	990	cm			52 M.	
BM 101-42													BM 101-42

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-42 TO BM 101-38
BM 101-42													BM 101-42
1.	224	683	525	5	232 216	16	77	452	378	5	84 70	14	
2.	240	186	541	5	246 234	12	56	450	357	5	62 50	12	
	464	869				28	133	902				26	
TOTALS	133	902										28	
	+ 330	967	CM									54	M
DIFF													
BM 101-41													BM 101-41
1.	243	788	544	5	255 231	24	115	197	416	5	127 103	24	
	115	197										24	
	+ 128	591	CM									48	M.
BM 101-39													BM 101-39
1.	47	392	348	5	56 38	18	282	418	583	5	290 274	16	
2.	49	261	350	5	56 42	14	171	501	472	5	178 164	14	
	96	653				32	453	919				30	
							96	653				32	
												62	M
							- 357	266	CM				
BM 101-38													BM 101-38

F.B. 3173 PG. 74 JOB NO. 0301.02

SURVEY OF LA CO PRECISE LEVEL NET

SURVEY BY LIND NOTES LIND

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 75234

TIME 9:30 TO 9:50 ROD NO. 95-96

NOTES CHKD [signature] DATE JUL 23 '64

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-42 TO BM 101-45
BM 101-42									BM 101-42
1	64	199	365 5	78 50 28	287	951	588 5	287 273 28	
					64	199		28	
					-223	752 CM		56 M.	
BM 101-43									BM 101-43
1	96	791	397 5	102 90 12	196	448	497 5	203 189 14	
					96	791		12	
					-99	657 CM		26 M	
BM 101-44									BM 101-44
1	88	888	389 5	94 82 12	191	630	492 5	198 184 14	
					88	888		12	
					-102	742 CM		26 M.	
BM 101-45									BM 101-45

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY LIND WEATHER WINDY INST. NO. 75123

NOTES BY LIND DATE 3-3-64 TIME 1:30 to 1:40 ROD NO. 95-9

INDEXED J. GALLI DATE NOTES CHKD. [illegible] DATE JUL 23 '64

F.B. 3173 PG. 75

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-45 TO BM 101-42
BM 101-45					144						92		BM 101-45
1.	183	902	419	5	182	12	86	193	387	5	80	12	
	86	193										12	
	+102	709	CM									24	M
BM 101-44					209						108		BM 101-44
1.	202	603	503	5	195	14	102	902	403	5	96	12	
	102	902										14	
	+99	701	CM									26	M
BM 101-43													BM 101-43
1.	275	250	596	5	295	1/2	71	521	372	5	75		
	71	521			280	30					57	28	
												30	
	+223	729	CM									58	M
BM 101-42													BM 101-42

F.B. 3173 PG. 76 JOB NO. 030102

SURVEY OF LA Co PRECISE LEVEL NET

SURVEY BY LIND NOTES LIND

INDEXED R. J. GAUL DATE

WEATHER WINDY INST. NO. 75234

TIME 2:40 to 2:50 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 23 '64

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY GIRD WEATHER WINDY INST. NO. 75275

NOTES BY [illegible] DATE [illegible] TIME [illegible] ROD NO. [illegible]

INDEXED [illegible] CALL DATE NOTES CHKD [illegible] DATE JUL 23 '64

F.B. 3173 PG. 77

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-45 TO BM 101-49
BM 101-45				118				195	BM 101-45
1	112	850	413 5	106 12	189	759	470 5	183 12	
					112	850		12	
					76	909	cm	24 m.	
BM 101-46									BM 101-46
1	113	411	414 5	120 106 14	156	517	457 5	162 150 12	
					113	411		14	
					43	106	cm	26 m.	
BM 101-47									BM 101-47
1.	106	170	407 5	118 94 24	165	771	466 5	178 152 26	
					106	170		24	
					59	601	cm	50 m	
BM 101-49									BM 101-49

PLEASE RETURN TO

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403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-49 TO BM 101-45
BM 101-49					179						118		BM 101-49
1.	166	099	467	5	153	26	106	450	407	5	94	24	
	106	450										26	
+	59	649	CM									50 M.	
BM 101-47					154						111		BM 101-47
1.	148	913	449	5	142	12	105	781	406	5	99	12	
	105	781										12	
+	43	132	CM									24 M	
BM 101-46													BM 101-46
1.	189	782	490	5	195	12	112	847	413	5	118	12	
	112	847			183						106	12	
+	76	935	CM									24 M	
BM 101-45													BM 101-45

WEATHER WINDY INST. NO. 75234

TIME 2:35 to 2:45 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 23 '64

JOB NO. 3 of 1.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY LIND NOTES LIND

INDEXED C. J. GALL DATE

F.B. 3173 PG. 78

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY LIND WEATHER Windy INST. NO. 7523
NOTES BY LIND DATE 3-3-64 TIME 1150 to 1100 ROD NO. 95-9
INDEXED C. J. GAIN DATE NOTES CHKD. [illegible] DATE JUL 23 '64

F.B. 3173 PG 79

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM By 101-49 TO By 101-52
101-49				104				162	By 101-49
1.	97	050	399 5	90 14	176	111	477 5	170 12	
					97	050		14	
					79	0.61 cm		24 m.	
101-50				125				155	By 101-50
1.	119	400	420 5	113 12	149	079	450 5	143 12	
					119	400		12	
					29	679		24 m.	
By 101-51									By 101-51
1.	103	923	404 5	115 91 24	153	119	454 5	165 141 24	
					103	923		24	
					49	196 cm		48 m.	
By 101-52									By 101-52

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403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-52 TO BM 101-49
BM 101-52				168				119	BM 101-52
1.	156	630	457 5	144 24	107	500	408 5	95 24	
	107	500						24	
	+ 49	130	CM					48 M.	
BM 101-51									BM 101-51
				158				128	
1.	152	610	453 5	146 12	122	901	423 5	116 12	
	122	901						12	
	+ 29	709	CM					24 M.	
BM 101-50									BM 101-50
				185				106	
1.	179	313	480 5	173 12	100	223	401 5	94 12	
	100	223						12	
	+ 79	090	CM					24 M.	
BM 101-49									BM 101-49

WEATHER WINDY INST. NO. 75234

TIME 2:25 TO 2:36 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 23 '64

JOB NO. 030102

SURVEY OF L.B. Co. PRECISE LEVEL LINE

SURVEY BY [illegible] NOTES [illegible]

INDEXED C. J. GAIN DATE

F.B. 3177 PG. 80

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY 2,1,3

NOTES BY S. J. GAIM DATE 3-9-64 TIME 12:00 to 2:15 WEATHER Windy INST. NO. 75224

INDEXED DATE NOTES CHKD DATE 1-23-64 ROD NO. 950

F.B. 3175 PG. 61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 101-52 TO BM 101-56
BM 101-52					26 1/2						144		BM 101-52
1.	13	972	314	5	13	26	181	613	462	5	168	24	
							13	972				24	
							-167	641	cm			52	m
BM 101-53													BM 101-53
1.	115	800	416	5	126 104	22	135	782	436	5	145 125	20	
							115	800				22	
							-19	982	cm			42	m.
BM 101-54					74						232		BM 101-54
1.	61	288	362	5	48	26	220	126	521	5	208	24	
					73						275		
2.	62	152	367	5	51	22	264	438	565	5	253	22	
	+123	440	cm			48	484	566				46	
							123	440				46	
							-361	126	cm			92	m.

BM 101-56 (Z 427 1935)
FOR DESC. SEE F.B. 2410-21

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

INST. NO. 75234 ROD NO. 77-96 DATE JUL 23 '94

WEATHER WINDY TIME 2:15 TO 2:25 NOTES CHKD

SURVEY OF L.A. Co PALEISE GROUSE HILL JOB NO. 301.02

SURVEY BY J. GALL NOTES DATE

INDEXED

B. 3 PG. 82

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 101-56 TO 101-52
BM 101-56					274						72		BM 101-56
1.	263	272	564	5	252	22	61	620	362	5	50	22	
					229						70		
2.	217	240	518	5	205	24	58	392	354	5	46	24	
	481	112				46	120	002				46	
	120	002										46	
	+361	110	CM									92	M
BM 101-54													BM 101-54
					156						136		
1.	145	510	446	5	134	22	125	546	426	5	114	22	
	125	546										22	
	+19	964	CM									44	M.
BM 101-53													BM 101-53
					194						26	1/2	
1.	181	298	482	5	168	26	13	680	314	5	13	26	
	13	680										26	
	+167	618	CM									52	M
BM 101-52													BM 101-52

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Lind

NOTES BY E. J. GAIL

DATE 3-4-14

WEATHER Sunny

INST. NO. 75134

INDEXED

DATE

TIME 11:15 to 11:45

ROD NO. 1

NOTES CHK'D

DATE JUL 23 '64

F.B. 3173 PG. 83

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 101-39 TO B-9
BM 101-39					203						68		BM 101-39
1	190	343	491	5	177	26	55	850	356	5	42	26	FOR DESC SEE F.B. 2410-16
					237						36		
2	232	261	533	5	227	10	30	030	331	5	24	12	
					262						58		
3	257	068	558	5	252	10	53	368	354	5	48	10	
					270						26		
4	263	022	564	5	256	14	19	080	320	5	12	14	
					266						51		
5	260	271	561	5	254	12	45	299	346	5	39	12	
					237						94		
6	232	620	533	5	227	10	90	428	391	5	86	8	
TOTALS	1435	585				82	294	055				82	
	294	055										82	
DIFF. +	1141	530										164	M.

PALM DALE
B-9

TRIAN. STATION
PALM DALE B-9
FOR DESC SEE
F.B. 3173-17

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						PALM DALE DESCRIPTION AND REMARKS
PALM DALE	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B-9 TO BM 101-39
B-9					86						228		TRIANG. STA
1	82	541	383	5	78	8	224	748	525	5	220	8	PALM DALE B-9
					48						263		FOR DESC SEE
2	42	589	343	5	36	12	257	920	558	5	251	12	F.B. 3173-17
					27						273		
3	20	139	321	5	15	12	266	420	567	5	259	14	
					62						264		
4	58	939	359	5	54	8	260	286	561	5	256	8	TWY
					37						238		
5	32	113	333	5	27	10	233	783	534	5	228	10	
					68						202		
6	54	800	335	5	40	28	189	460	490	5	176	26	
TOTALS	291	121				78	1432	617				78	
							291	121				78	
DIFF						-	1141	496	CM			156	METERS
BM 101-39													BM 101-39
													FOR DESC SEE
													F.B. 2410-16

F.B. 3173 PG. 84 JOB NO. 030 1.02

SURVEY OF L.A. Co PRECISE LEVELING

SURVEY BY LIND NOTES LIND

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 75274

TIME 2:25 to 2:40 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 23 '64

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM By 101-41 TO P.I.D # 2
By 101-41					89						78		By 101-41 = J-811
1	69	037	370	5	49	40	57	383	358	5	36	42	FOR DESC SEE F.B. 2410-17
					158						69		
2	135	291	436	5	112	46	48	080	349	5	27	42	
					179						143		
3	168	188	469	5	157	22	127	679	428	5	111	32	
					262						40		
4	255	676	556	5	248	14	34	077	335	5	28	12	π W.M.
					261						67		
5	252	287	553	5	243	18	61	710	362	5	55	12	
					178						62		
6	175	400	476	5	172	6	58	359	359	5	54	8	
TOTALS	1055	879				146	387	288				148	
	387	288										146	
DIFF ELEV +	668	591	CM									294	M.
P.I.D #2													P.I.D No 2 FOR DESC SEE F.B. 3173-25

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Lino WEATHER Sunny INST. NO. 7523

NOTES BY Lino DATE 3-5-64 TIME 9:45 to 10:20 ROD NO. 959

INDEXED C. J. GAIN DATE NOTES CHKD [illegible] DATE JUL 23 '64

F.B. 3173 PG. 45

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 3173 PG. 86 | JOB NO. 0301.02 | SURVEY OF L.A. Co Parcel Level Net | SURVEY BY Engr. Aide Lino | INDEXED ____ DATE ____ | NOTES ____ | WEATHER Sunny | TIME 9:15 to 16:15 | NOTES CHKD. KT | INST. NO. 75234 | ROD NO. 85-94 | DATE JUL 23 '84

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM P.I.D. #2 TO By 101-41
P.I.D. #2					62						162		P.I.D. #2
1	58	023	359	5	54	8	159	919	460	5	136	6	FOR DESC SEE
					51						259		
2	44	322	305	5	37	14	250	623	551	5	241	18	+2 F.B. 3173-25
					37						252		
3	31	325	332	5	25	12	246	569	547	5	240	12	
					86						134		
4	75	550	372	5	64	22	123	128	424	5	112	22	T L.M.
					38	1/2					120		
5	18	298	319	5	18	40	99	502	400	5	78	42	
					69						85		
6	48	796	349	5	27	42	65	199	366	5	45	40	
TOTALS	276	314 ✓				138	944	940 ✓				140 ✓	
							276	314 ✓				138	
DIFF ELEV												278	M.
						-	668	626 CM					
By 101-41													By 101-41
													FOR DESC SEE F.B. 2410-17

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.I.D #2 TO P.I.D #3
P.I.D #2									P.I.D Nº 2
1	19	268	320 5	32 6 20	238	478	539 5	252 224 28	FOR DESC SEE F.B. 3173-25
2	140	607	441 5	166 114 52	114	542	415 5	139 89 50	
3	143	221	444 5	168 118 50	143	253	444 5	168 118 50	
4	135	173	436 5	160 110 50	144	070	445 5	169 119 50	
5	242	722	543 5	254 230 24	102	390	403 5	115 89 26	π J.M.
6	256	370	557 5	263 249 14	87	608	388 5	94 80 14	
TOTALS	937	361		216	830	341		218	
	830	341						216	
DIFF ELEV	+107	020	CM					434 M	
P.I.D #3									P.I.D. #3
									FOR DESC SEE FB 3173-27

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY LIND WEATHER Sunny INST. NO. 15234

NOTES BY LIND DATE 3-5-64 TIME 10:20 to 11:00 ROD NO. 95-9

INDEXED E. J. GALL DATE NOTES CHKD. [illegible] DATE JUL 23 '64

F.B. 3173 PG. 87

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3173 PG. 28 | JOB NO. 0301.02 | SURVEY OF L.A. Co Parcelse Levise Net | SURVEY BY Lund NOTES Lund | INDEXED C. J. GALL DATE

WEATHER Sunny | TIME 2:00 to 2:30 | NOTES CHKD. | INST. NO. 75214 | ROD NO. 45-46 | DATE III 23 '64

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.I.D #3 TO P.I.D. #2
P.I.D #3					97						271		P.I.D. No 3
1	87	599	388	5	77	20	24	620	562	5	251	20	FOR DESC SEE
					116						251		FB 3173-27
2	105	400	406	5	95	20	239	981	540	5	227	24	
					156						165		
3	130	823	431	5	104	52	140	268	441	5	115	50	T-L.M
					182						164		
4	157	618	458	5	132	50	139	592	440	5	114	50	
					136						165		
5	111	500	412	5	86	50	139	159	440	5	115	52	
					252						32		
6	239	601	540	5	226	26	19	252	320	5	6	26	
TOTALS	832	551				218	939	870				222	
							832	551				218	
DIFF ELEV.												440	M.
						-	107	319	CM				
P.I.D #2													P.I.D. No 2 FOR DESC SEE FB 3173-

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

Re-Run

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM P.I.D-2 TO BM P.I.D-3
B.M. PID-2					39						272		BM P.I.D-2
1	26	308	327	5	13	26	259	387	560	5	246	26	For Desc. See F.B. 3173-25
					182						141		
2	157	304	458	5	132	50	116	343	417	5	91	50	
					173						175		π - R.R. Rodriguez
3	148	824	449	5	123	50	150	536	451	5	125	50	
					162						178		
4	137	938	438	5	112	50	153	822	454	5	128	50	
					266						117		
5	254	999	555	5	242	24	107	892	408	5	97	20	
					274						103		
6	264	178	565	5	254	20	94	312	495	5	85	18	
Totals	989	551			220		882	292			214		
	882	292									220		
Diff. Elev. +	107	259									434' M.		
BM P.I.D-3													B.M. P.I.D-3 For Desc. See F.B. 3173-27

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C.K. Lind
NOTES BY J.M. Maldonado DATE 3-11-63
INDEXED C. J. GAIN DATE
WEATHER Sunny INST. NO. 75234
TIME 11:15-11:40 ROD NO. 95E96
NOTES CHKD [illegible] DATE [illegible]

F.B. 3173 PG. 29

F.B. 3173 PG. 90

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO
			Blank				

308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM P.I.D #3 TO BM P.R. #5
I.D. 3					92						276		P.I.D #3
1	82	261	383	5	72	20	267	419	568	5	258	18	FOR DESC SEE F.B. 3173-27
					70						204		
2	64	471	365	5	58	12	197	260	498	5	190	14	✓
					172						148		
3	147	661	448	5	122	50	122	650	423	5	96	52	+2
					111						82		
4	136	293	437	5	111	50	57	440	358	5	32	50	π- L.M
					254						92		
5	249	420	550	5	244	10	87	213	388	5	82	10	
					267						64		
6	254	098	555	5	241	26	51	748	352	5	38	26	
					201						146		
7	176	500	477	5	151	50	121	210	422	5	96	50	
					170						144		
8	153	392	454	5	136	34	126	500	427	5	108	30	
TOTALS	1264	096 ✓				252	1031	440 ✓				256 ✓	
	1031	440 ✓										252 ✓	
DIFF ELEV	+232	656 ✓ CM										508 M.	
BM P.R. #5													BM P.R. #5 FOR DESC SEE F.B. 3173-39

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY LIND DATE 3-5-64 WEATHER SUNNY INST. NO. 75234

NOTES BY LIND DATE 3-5-64 TIME 11:00 to 11:30 ROD NO. 95091

INDEXED E. J. GAIN DATE NOTES CHKD [illegible] DATE JUL 23 '64

F.B. 3173 PG. 91

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM P.R.#5 TO P.I.D. 3
BM P.R.#5					153						179		BM P.R. #5
1	135	051	436	5	117	36	162	189	463	5	145	34	FOR DESC SEE F.B. 3173-34
					146						199		
2	121	510	422	5	96	50	174	231	475	5	149	50	
					67						272		
3	54	201	355	5	41	26	259	213	560	5	246	26	
					94						257		π- J.M.
4	89	568	390	5	84	10	252	949	553	5	247	10	
					51						159		
5	56	419	357	5	31	50	134	508	435	5	109	50	
					148						172		
6	123	662	424	5	98	50	147	481	448	5	122	50	
					204						72		
7	197	822	498	5	190	14	65	630	366	5	58	14	
					286						100		
8	276	653	577	5	266	20	91	340	392	5	82	18	
TOTALS	1054	886				256	1287	541				252	
							1054	886				256	
DIFF ELEV						-	232	655				508	M.
P.I.D. #3													P.I.D. #3 FOR DESC SEE F.B. 3173-27

F.B. 3173 PG. 92 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY LIND NOTES LIND

INDEXED C. J. GAIN DATE

WEATHER Sunny Windy INST. NO. 75234

TIME 1:30 to 1:55 ROD NO. 95-96

NOTES CHKD [signature] DATE JUL 23 '64

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY LIND DATE 3-6-64 WEATHER Sunny INST. NO. 75234

NOTES BY LIND DATE 3-6-64 TIME 1:15 to 2:00 ROD NO. 95-[illegible]

INDEXED [illegible] DATE NOTES CHKD. [illegible] DATE JUN 23 '64

F.B. 3173 PG. 43

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS PALM DALE FROM By P.R. No 5 TO A-9
By P.R. #5									By P.R. No 5
1	87	220	388 5	101 73 28	173	688	474 5	187 159 28	FOR DESC SEE F.B. 3173-39
2	259	017	560 5	267 251 16	93	272	394 5	101 84 17	
3	123	837	424 5	148 98 50	22	089	323 5	22 47 1/2 50	
4	275	512	576 5	292 258 34	92	653	393 5	109 75 34	X- E.M
5	170	272	471 5	180 160 20	27	887	328 5	39 15 24	
6	256	316	557 5	266 246 20	43	429	344 5	53 33 20	
7	223	852	524 5	228 218 10	76	707	377 5	51 71 10	
TOTALS	1396	026		178	529	725		183	
	529	725						178	
DIFF ELEV +	866	301	CM					361	METERS
PALM DALE A-9									TRIANGULATION STATION PALM DALE A-9 FOR DESC SEE FB 3173-15

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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.

WEATHER Sunny INST. NO. 25234
TIME 2:00 to 2:45 ROD NO. 95-96
NOTES CHKD. Clark DATE JUL 23 '64

JOB NO. 0301.02
SURVEY OF L.A. CO. PARC. INV. LAVAL NET
SURVEY BY LHD NOTES LHD
INDEXED G. J. GALL DATE

B. 3173 PG. 44

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
~~PALM DALE~~													~~PALM DALE~~ FROM A-9 TO BM P.R. #5
A-9					83						228		TRIANGULATION STATION
1	78	293	379	5	78	10	223	761	524	5	218	10	PALM DALE A-9
					51						272		FOR DESC. SEE FB 3173-15
2	41	908	342	5	31	20	262	511	563	5	252	20	
					47						164		
3	35	920	336	5	23	24	173	118	474	5	162	22	E. M.
					106						284		
4	89	892	390	5	72	34	267	750	568	5	250	34	
					44	1/2					154		
5	19	612	320	5	19	50	129	225	430	5	104	50	
					106						269		
6	98	575	349	5	90	16	261	171	562	5	253	16	
					190						103		
7	176	782	477	5	162	28	89	866	390	5	75	28	
TOTALS	540	982 ✓				182 ✓	1407	402 ✓				180 ✓	
							540	982 ✓				182 ✓	
DIFF. ELEV.						-	866	420 ✓	CM			362 ✓	M.
BM P.R. #5													BM P.R. No 5 FOR DESC SEE FB 3173-26

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Lind

NOTES BY Lind DATE 3-9-61 WEATHER Windy TEMP. INST. NO. 7204

INDEXED E. J. GARDNER DATE TIME 9:20 AM ROD NO. 95516

NOTES CHKD DATE JUL 23 '61

F.B. 3173 PG. 45

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
Palm Dale	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		Palm Dale FROM A-9 TO By P.R. #6
A-9					89						229		TRIANGULATION STATION
1	84	270	385	5	79	10	224	378	525	5	219	10	PALM DALE A-9
					91						247		FOR DESC SEE FB. 3173-15
2	80	599	381	5	69	22	236	874	537	5	226	22	
					40						278		
3	32	702	333	5	24	16	270	291	571	5	262	16	
					28						252		
4	20	578	321	5	12	16	245	509	546	5	238	14	T. J. M.
					64						268		
5	57	523	358	5	50	14	260	611	561	5	252	16	
					49						249		
6	45	157	346	5	41	8	244	151	545	5	239	10	#2
					109						252		
7	94	075	395	5	79	30	237	182	538	5	222	30	
					66						215		
8	52	037	353	5	38	28	201	170	502	5	187	28	
					115						212		
9	98	580	399	5	81	34	196	311	496	5	178	34	
					276						56		
10	250	103	551	5	224	52	30	070	331	5	4	52	
TOTALS	815	624				230	2146	147				232	
							815	624				230	
DIFF							1330	523				462 M.	
By P.R. #6													By P.R. #6
													FOR DESC SEE FB 3173-21

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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.

INST. NO. 75234
ROD NO. 95-96
DATE JUL 23 '84
WEATHER Sunny
TIME 1:30 to 2:00
NOTES CHKD. [illegible]

JOB NO. 630 1.02
SURVEY OF L.A. CO PRECISE LEVEL LINE
SURVEY BY LIUD NOTES L.N. 9
INDEXED G. J. GALLI DATE

F.B. 3173 PG. 96

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS PALM DALE FROM By P.R. #6 TO A-9
By P.R. #6					60						260		By P.R. No 6
1	34	027	375	5	8	52	254	865	556	5	228	52	FOR DESC SEE
					210						113		FB. 3173 - 41
2	183	610	494	5	176	34	96	244	397	5	79	34	
					217						74		
3	203	751	504	5	189	28	60	051	361	5	46	28	
					261						110		
4	246	372	547	5	231	30	95	528	396	5	80	30	π RRR
					249						44		
5	244	278	545	5	239	10	45	982	346	5	40	9	
					270						65		
6	262	311	563	5	254	16	58	538	359	5	51	14	
					262						37		
7	255	947	556	5	248	14	29	654	330	5	21	16	
					281						95		
8	273	857	574	5	265	16	37	642	338	5	29	16	
					247						93		
9	236	700	537	5	225	22	82	982	383	5	71	22	
					231						90		
10	226	317	527	5	221	10	85	478	386	5	80	10	
TOTALS	2176	970				232	846	964				231	
	846	964										232	
DIFF ELEV												463 M.	
	+ 1330	006	CM.										TRIANGULATION STA.
PALM DALE													PALM DALE A-9
A-9													FOR DESC SEE

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Re-Run

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY C.K. Lind WEATHER Sunny INST. NO. 25 23

NOTES BY J.M. Maldonado DATE 3-11-64 TIME 10:00-10:35 ROD NO. 95 59

INDEXED E. J. GALLI DATE NOTES CHKD. [illegible] DATE JUL 23 '64

F.B. 3173 PG. 49

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM P.D. A-9 TO BM P.R. No. 6
BM P.D. A-9					82						224		BM P.D. A-9
1	77	767	378	5	72	10	279	343	520	5	214	10	For Desc. See F.B. 3173-15
					87						241		
2	76	954	377	5	65	22	230	511	531	5	219	22	
					44						284		⊼ R.R. Rodriguez
3	36	561	337	5	28	16	276	113	577	5	268	16	
					43						265		
4	35	374	336	5	27	16	258	770	559	5	251	14	
					65						270		
5	58	347	359	5	51	14	262	053	563	5	254	16	
					52						252		
6	48	218	349	5	44	8	247	933	548	5	242	10	
					108						251		
7	92	287	393	5	76	32	236	389	537	5	221	30	
					67						213		
8	53	141	354	5	39	28	199	472	500	5	185	28	
					109						207		
9	92	598	393	5	75	34	190	883	491	5	173	34	
					276						55		
10	250	133	551	5	224	52	29	933	330	5	3	52	
						232						232	
Totals	821	380					2151	400				232	
Diff. Elev.							821	380				464	Mo
							-1330	020	CM				
BM P.R. No. 6													BM P.R. No. 6
													For Desc. See F.B. 3173-6

F.B. 3177 Pg. 98 JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM TO
				BLAWK					

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM By P.R. #6 TO P.R. #1
By P.R. #6					144						224		By P.R. #6
1	120	559	421	5	96	48	200	950	501	5	176	48	FOR DESC SEE FB 3173-41
					161						195		
2	136	242	437	5	111	50	170	628	471	5	145	50	
					175						122		
3	150	709	451	5	125	50	96	739	397	5	70	52	
					206						99		
4	183	052	484	5	160	46	76	652	377	5	53	46	
TOTALS	590	562				194	544	969				196	
	544	969										194	
DIFF.	+45	593	CM									390	M

P.R. No. 1

TRIANGULATION STATION
PALMDALE RESERVOIR No 1
FOR DESC. SEE FB. 3173-31

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY LIND
NOTES BY LIND DATE 3-9-64
INDEXED C. J. GALLI DATE
WEATHER SUNNY
TIME 10:00 to 10:45
NOTES CHKD [illegible] DATE JUL 27 '64
INST. NO. 752
ROD NO. 95-9
F.B. 3173 PG. 99
WINDY

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R. No. 1 TO By P.R. No 6
P.R. No 1					95						204		TRIANGULATION STATION
1	72	647	373	5	49	40	180	968	481	5	157	47	PALMDALE RESERVOIR No 1
					116						168		FOR DESC SEE FB 3173-31
2	91	473	392	5	66	50	143	181	444	5	118	60	
					194						156		
3	169	413	470	5	146	50	131	876	432	5	106	50	π - BIRD
					211						133		
4	186	412	487	5	161	50	109	468	410	5	85	45	
TOTALS	519	945				196	565	493				195	
							519	945				196	
DIFF ELEV.						-	45	548	cm			391	m.
By P.R. No 6													By P.R. No 6
													FOR DESC SEE FB 3173-41

INST. NO. 75076
ROD NO. 95746
DATE JUL 23 '64
WEATHER Sunny
TIME 1:00 to 1:25
NOTES CHKD. [illegible]
JOB NO. 30100 Palmdale Lancaster Hwy
SURVEY OF L.R. 60
SURVEY BY Gallo
NOTES
INDEXED C. J. GALLI
DATE
F.B. 3173 PG. 100

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY LIND DATE 3-9-64 WEATHER SUNNY INST. NO. 75234

NOTES BY LIND DATE 3-9-64 TIME 10:30 to 10:45 ROD NO. 95-96

INDEXED C. J. CAUL DATE NOTES CHKD [illegible] DATE JUL 23 '64

F.B. 3173 PG. 101

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
TRI STA	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R. #1 TO P.I.D. # 4
P.R. #1					161						116		TRIANG. STA.
1	136	230	437	5	111	50	94	917	392	5	66	50	PALM DALE RESERVOIR No 1
					59						288		F.B. 3173-31
2	47	051	348	5	35	24	275	350	576	5	262	26	
TOTALS	183	281				74	367	267				76	
							183	281				74	
DIFF												150 M.	
							-183	986 CM					
P.I.D. No 4													P.I.D. No 4
													FOR DESC. SEE F.B. 3173-37

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.I.D #4 TO P.R. #1
P.I.D. # 4													P.I.D. No 4 FOR DESC SEE EB. 3173-37
1	276	300	577	5	288 264	24	45	609	346	5	57 33	24	
2	89	800	390	5	114 64	50	136	492	437	5	161 111	50	
TOTALS	366	100				74	182	101				74	π L.M
	182	101										74	
DIFF ELEV +	183	999	LM									148	M.
P.R. No 1													TRIANGULATION STA. PALM DALE RESERVOIR No 1. FOR DESC SEE EB. 3173 - 31

WEATHER SUNNY INST. NO. 75234

TIME 11:30 to 11:45 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 23 '64

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY LIND NOTES LIND

INDEXED C. J. GALLI DATE

E.B. 3173 PG. 102

76P526 CE # 308 3-61

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Lind

NOTES BY J. Galli

DATE 2.9.64

WEATHER Sunny

INST. NO. 75374

INDEXED DATE

NOTES CHKD DATE 11 23 64

TIME 10:45 AM 1:10

ROD NO. 9776

F.B. 3173 PG. 101

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM P.I.D. 44 TO B.M. P.R. # 7
P.I.D. # 4					290						60		P.I.D. # 4
1	277	281	578	5	264	20	48	920	349	5	36	24	FOR DESC SEE F.B. 3173-37
					237						144		
2	208	362	509	5	187	50	119	109	420	5	94	50	
					122						175		
3	97	569	398	5	72	50	148	741	449	5	123	52	
					212						227		
4	187	437	488	5	162	50	202	159	503	5	177	50	TU. M.
					137						137		
5	126	493	427	5	115	22	126	349	427	5	115	22	
TOTALS	297	132				198	645	278				192	
	645	278										192	
DIFF ELEV												396 M.	
	+ 251	854	07										
By P.R. # 7													By P.R. No 7
													FOR DESC SEE F.B. 3173-43

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM By P.R. #7 TO P.I.D. #4
By P.R. #7					142						143		B.M. P.R. NO 7
1	131	868	432	5	120	22	132	129	433	5	121	22	FOR DESC SEE FB 3173 - 43
					226						299		
2	201	481	502	5	176	50	174	260	475	5	149	50	
					168						121		
3	143	388	444	5	118	50	96	881	397	5	71	50	
					134						228		
4	109	262	410	5	84	50	203	660	504	5	178	50	
					58						288		
5	46	342	347	5	34	24	276	100	577	5	264	24	
TOTALS	632	341				196	883	030				196	
							632	341				196	
DIFFERENCE							-250	689	CM			392	M.
P.I.D. #4													P.I.D. NO 4
													FOR DESC SEE FB 3173 - 27

WEATHER Sunny INST. NO. 75634

TIME 11:10 TO 11:30 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 23 '64

JOB NO. 630102

SURVEY OF L.A. Co Parcel Level Net

SURVEY BY LIND NOTES LIND

INDEXED R. J. GAIL DATE

F.B. 3173 PG. 104

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Re-Run

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM PI D-4 TO BM PR No7
BM P.I.D-4					288						59		BM P.I. D-4
1	276	713	577	5	264	24	47	929	348	5	35	24	For Desc. See F.B. 3173-37
					236						139		
2	211	518	512	5	186	50	114	736	415	5	89	50	
					122						178		X - R.R. Rodriguez
3	97	744	398	5	72	50	153	874	454	5	128	50	
					210						228		
4	185	873	486	5	160	50	203	527	504	5	178	50	
					142						142		
5	131	119	432	5	120	22	131	023	432	5	120	22	
TOTALS	902	967				196	651	089				196	
	651	089										196	
DIFF	+251	878										392	
BM P.R. No.7													BM P.R. No.7 For Desc. See F.B. 3173-43

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C.K. Lind
WEATHER Sunny
INST. NO 75235
NOTES BY J.M. Maldonado DATE 3-11-64
TIME 1:05 - 1:35
ROD NO. 95596
INDEXED [illegible] DATE
NOTES CHKD [illegible] DATE JUL 23 '64

F.B. 3173 PG. 104

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM P.R. No.7 TO BM P.I. D-4
BM P.R. No.7					147						148		BM PR No.7
1	136	592	437	5	125	22	137	300	438	5	126	22	For Desc. See F.B. 3177 - 43
					226						208		
2	201	904	502	5	176	50	183	288	484	5	158	50	
					170						114		
3	144	798	445	5	118	52	89	999	390	5	64	50	
					132						229		
4	108	453	409	5	82	50	204	438	505	5	179	50	
					62						292		
5	50	558	351	5	38	24	279	169	580	5	266	26	
Totals	642	305				198	894	194				198	
							642	305				198	
Diff. Elev.						-	251	889	cy			396	M.
BM P.I. D-4													BM P.I. D-4 For Desc. See F.B.

WEATHER Windy INST. NO. 75234
TIME 1:45-2:05 ROD NO. 95876
NOTES CHKD [illegible] DATE JUL 23

F.B. 3173 PG. 106 JOB NO. 0301.06
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Lind NOTES Maldonado
INDEXED [illegible] GALLI DATE

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY LIND

NOTES BY LIND DATE 7-9-64

INDEXED R. J. GALLI DATE

WEATHER Sunny

TIME 11:18 AM 11:30

NOTES CHKD. [illegible] DATE JUL 23 '64

ROD NO. [illegible]

INST. NO. 75274

F.B. 3173 PG. 107

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM P.R. #7 TO P.R. No 2
BM. P.R. #7				78				251	B.M. P.R. #7
1	63	708	364 5	48 30	235	800	536 5	219 32	FOR DESC SEE FB 3173-43
				183				93	
2	157	700	458 5	131 52	67	020	368 5	41 52	
				130				188	
3	104	860	405 5	78 52	163	120	464 5	138 50	
				208				72	
4	193	387	494 5	178 30	56	690	357 5	40 32	
				265				45	
5	256	292	557 5	247 18	36	781	337 5	27 18	
				212				56	
6	206	154	507 5	200 12	50	941	351 5	44 12	
TOTALS	982	101		194	610	352		196	
	610	352						194	
DIFF ELEV +	371	749	CM					390 M.	
P.R. No 2									TRIANGULATION STATION PALM DALE RESERVOIR No 2 FOR DESC SEE FB. 3173-33

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM P.R. No. 2 TO B.M. P.R. # 7
P.R. No 2					59						212		TRIANGULATION STA.
1	54	030	355	5	49	10	207	101	508	5	202	10	PALM DALE RESERVOIR No 2
					46						268		FOR DESC. SEE F.B. 3173-33
2	37	798	338	5	28	18	259	038	560	5	250	18	
					70						201		
3	55	720	356	5	40	30	186	992	487	5	171	30	T.W.M.
					182						138		
4	157	068	458	5	132	50	113	109	414	5	88	50	
					109						166		
5	84	901	385	5	59	50	140	120	421	5	114	50	
					217						72		
6	202	068	503	5	187	30	57	048	358	5	42	30	
TOTALS	591	585				188	963	408				190	
							591	585				188	
DIFF ELEV.							-371	823	CM			378	M
BM P.R. # 7													BM P.R. # 7 FOR DESC SEE F.B. 3173-43

INST. NO. 75234
ROD NO. 75-76
DATE JUL 23 '64

WEATHER Sunny
TIME 10:50 to 11:05
NOTES CHKD

JOB NO. 030 1.02
NOTES Lo Tanque Levee
DATE

SURVEY OF
SURVEY BY LHD
INDEXED J. GALLI

F.B. 3173 PG. 108

CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Lind
NOTES BY Lind DATE 3-9-64
INDEXED [illegible] DATE
WEATHER Sunny
TIME 1:00 to 1:35
NOTES CHKD [illegible] DATE JUL 23 '64
INST. NO. 75233
ROD NO. 95-96
F.B. 3173 PG. 109

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM P.R. No 2 TO B.M. P.R. No 8
P.R. No 2													TRIANGULATION STATION
1	53	095	354	5	58 / 48	10	208	203	509	5	213 / 203	10	PALMDALE RESERVOIR No 2
2	29	654	330	5	38 / 20	18	249	322	550	5	288 / 290	18	FOR DESC SEE F.B. 3173 - 33
3	90	297	391	5	98 / 82	16	157	453	458	5	166 / 148	18	
4	122	774	423	5	136 / 108	28	135	256	436	5	149 / 121	28	RRR
5	109	518	410	5	122 / 96	26	167	021	468	5	180 / 154	26	
6	134	442	435	5	146 / 122	24	99	533	400	5	112 / 86	26	
7	173	576	474	5	198 / 148	50	27	030	328	5	52 / 27	1/2 / 50	
8	257	699	558	5	266 / 248	18	60	091	361	5	69 / 51	18	
9	221	584	522	5	226 / 216	10	72	271	373	5	76 / 68	8	
TOTALS	1192	639				200	1176	180				202	
	1176	180										200	
DIFF ELEV.	+ 16	459	CM									402	METERS
B.M. P.R. No 8													B.M. P.R. No 8 FOR DESC SEE F.B. 3173 - 45

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM By P.R. # 8 TO P.R. # 2
By P.R. #8													B.M. P.R. No 8
1	63	281	364	5	68 / 58	10	212	029	513	5	217 / 207	10	FOR DESC. SEE FB 31 T 3-45
2	58	788	359	5	67 / 49	18	260	323	561	5	269 / 249	20	
3	47	513	348	5	72 / 22	50	207	239	508	5	232 / 182	50	[illegible]
4	115	570	416	5	128 / 102	26	138	540	439	5	151 / 125	26	
5	159	470	460	5	172 / 146	26	103	344	404	5	115 / 91	24	
6	148	650	449	5	162 / 134	28	119	924	420	5	133 / 105	28	
7	145	929	446	5	154 / 136	18	101	550	402	5	109 / 93	16	
8	263	087	564	5	272 / 254	18	33	472	334	5	43 / 23	20	
9	209	203	510	5	214 / 204	10	51	918	352	5	56 / 46	10	
TOTALS	1211	491				204	1228	339				204	
							1211	491				204	
DIFF ELEV.							16	848	CM			408	METERS
P.R. No 2													TRIANGULATION STA PALMDALE RESERVOIR 2 FOR DESC SEE FB 31 T 3 - [illegible]

WEATHER Sunny INST. NO. 75234

TIME 10:25 to 10:50 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 23 '64

JOB NO. 0301.02

SURVEY OF L.I.D. Co Precise Level

SURVEY BY LIND NOTES LIND

INDEXED B. J. GALLI DATE

F.B. 3173 PG. 110

26 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Re-Run

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM P.R. No2 TO BM P.R. No.8
M P.R. No.2					195						49		BM P.R. No. 2
1	184	340	485	5	173	22	38	897	339	5	27	22	For Desc. See F.B. 3173-33
					278						36		
2	270	749	571	5	262	16	28	479	329	5	20	16	
					288						24		⊼ - R.R. Rodriguez
3	280	108	581	5	272	16	16	186	317	5	8	16	
					284						51		
4	277	597	578	5	270	14	45	052	346	5	39	12	
					288						172		
5	278	413	579	5	268	20	162	353	463	5	152	20	
					52						265		
6	43	603	344	5	34	18	256	091	557	5	247	18	
					40						268		
7	33	478	334	5	26	14	261	357	562	5	254	14	
					44						252		
8	35	411	336	5	26	18	242	494	543	5	232	20	
					52						291		
9	40	284	341	5	28	24	279	407	580	5	267	24	
					72						225		
10	66	547	367	5	60	12	219	608	520	5	213	12	
					163						107		
11	159	194	460	5	155	8	103	158	404	5	100	7	
Totals	1669	724 ✓				182 ✓	1653	082 ✓				181 ✓	
	1653	082 ✓										182 ✓	
Diff. Elev. +	16	642 ✓										362 ✓	
BM PR No.8													BM PR No.8 For Desc See F.B. 3173-45

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY C.K. Lind WEATHER Windy INST. NO. 7523

NOTES BY J.M. Maldonado DATE 3-12-64 TIME 9:45 - ROD NO. 95-9

INDEXED G. J. GAIRD DATE NOTES CHKD [illegible] DATE JUL 23 '64

F.B. 3173 PG. 111

F.B. 3173 PG. 112 JOB NO. 0301.06

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Lind NOTES

INDEXED [illegible] DATE

WEATHER Windy INST. NO. 75234

TIME ROD NO. 95-96

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
136 DN 16									

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Lee B. WEATHER Warm
NOTES BY C. J. GALM DATE 3-9-64 TIME 1:00 to 2:00 INST. NO. 76234
INDEXED DATE NOTES CHKD DATE JUL 23 '64 ROD NO. 9596
F.B. 3173 PG. 113

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. P.R. #8 TO P.R. #3
B.M. P.R. #8					31						252		B.M. P.R. #8
1	23	097	324	5	16	15	244	999	545	5	235	17	FOR DESC SEE FB 3173-45
					24	1/2					191		
2	6	638	307	5	6	36	174	382	475	5	157	34	
					55						234		
3	65	748	366	5	45	40	213	165	514	5	42	42	
					86						69		
4	61	776	362	5	36	50	44	203	345	5	18	51	T.P.R.
					251						108		
5	227	608	528	5	203	48	85	999	386	5	62	46	
					203						97		
6	190	132	491	5	177	26	84	793	385	5	71	26	
TOTALS	574	999				265	847	541				216	
							574	999				215	
DIFF ELEV.							-272	542	47			431	7.
P.R. #3													TRANSMISSION STATION PALMDALE RESERVOIR #3 FOR DESC. SEE FB. 3173-35

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R. No 3 TO By P.R. #8
P.R. No 3					100						202		TRIANGULATION STA.
1	86	761	387	5	72	28	169	740	410	5	176	24	PALM RESERVOIR No 3
					100						237		FOR DESC. SEE F.B. 3173-35
2	77	271	378	5	54	46	214	880	515	5	191	46	
					58						82		
3	33	053	334	5	8	50	57	728	358	5	32	50	
					224						84		T-U.M
4	204	819	505	5	184	40	64	991	365	5	44	40	
					209						34	1/2	
5	191	553	492	5	173	36	17	782	318	5	17	34	
					248						24		
6	240	643	541	5	232	16	16	392	317	5	8	16	
TOTALS	834	100				216	561	513				212	
	561	513										216	
DIFF ELEV +	272	587										428	M
By P.R. No 8													By P.R. No 8 FOR DESC SEE FB 3173-45

F.B. 3173 PG. 114 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY LIND NOTES LIND

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 75234

TIME 10:05 to 10:20 ROD NO. 95-46

NOTES CHKD [illegible] DATE JUL 23 '64

76P526 CE # 308 3-61

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

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY LIND
NOTES BY LIND DATE 3-9-64
INDEXED C. J. GALLI DATE
WEATHER SUNNY
TIME 2:00 to 2:20
NOTES CHKD [illegible] DATE JUL 23 '64
INST. NO. 95231
ROD NO. 95-96
F.B. 3173 PG. 115

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.R.# 3 TO P.R.# 4
P.R. No 3									TRIANGULATION STATION
1	112	633	413 5	137 87 50	172	377	473 5	198 146 50	PALM DALE RESERVOIR No 3
2	154	868	455 5	179 129 50	123	311	424 5	148 98 50	FOR DESC SEE FB 3173 - 35
3	169	674	470 5	190 148 42	137	358	438 5	157 117 40	
4	105	283	406 5	131 80 51	205	192	506 5	237 177 56	π R.R.R.
TOTALS	542	458		197	638	238		196	
					542	458		193	
DIFF ELEV					95	780	CM	389 M.	
P.R. No 4									TRIANGULATION STATION PALM DALE RESERVOIR No 4 FOR DESC SEE F.B. 3173 - 37

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R. No 4 TO P.R. No 3
P.R. No 4													TRIANGULATION STATION
					221						117		PALM DALE RESERVOIR No 4
1	193	323	494	5	165	56	92	736	393	5	67	50	FOR DESC SEE F.B. 3173 - 37
					148						196		
2	128	420	429	5	108	40	176	768	477	5	156	40	
					166						175		
3	140	338	441	5	114	52	150	260	451	5	125	50	To [illegible]
					186						133		
4	161	628	462	5	136	50	108	410	409	5	83	60	
TOTALS	623	709				198	528	174				190	
	528	174										198	
DIFF ELEV	+95	575	CM									388 M.	
P.R. No 3													P.R. No 3
													TRIANGULATION STATION
													PALM DALE RESERVOIR No 3
													FOR DESC SEE F.B. 3173 - 35

F.B. 3173 PG. 116 JOB NO. 2 301.02

SURVEY OF LA CO PRECISE LEVEL NET

SURVEY BY LMD NOTES LMD

INDEXED B. J. GALL DATE

WEATHER SUNNY INST. NO. 75234

TIME 9:45 TO 10:00 ROD NO. 55-96

NOTES CHKD [illegible] DATE JUL 23 '61

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY LIND
NOTES BY LIND DATE 3-9-64
INDEXED J. GALLI DATE
WEATHER Sunny
TIME 2:20 to 2:35
NOTES CHKD [illegible]
INST. NO. 75234
ROD NO. 95-96
DATE JUN 23 '64
F.B. 3173 PG. 117

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM P.R. No 4 TO P.I.D. No 1
P.R. No 4				253				129	TRIANGULATION STATION
1	235	068	536 5	217 36	110	894	411 5	91 38	PALMDALE RESERVOIR No 4
				72				255	FOR DESC. SEE F.B. 3173-37
2	54	951	355 5	36 36	237	416	538 5	219 36	
				70 1/2				273	
3	52	541	353 5	52 36	256	631	557 5	239 34	
TOTALS	342	560		108	604	941		108	π
					342	560		108	
DIFF ELEV.				-	262	381	cy	216	METERS
P.I.D. No 1									STA. P.I.D. No 1 FOR DESC SEE F.B. 3173-23

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.I.D. No 1 TO P.R. No 4
P.I.D. No 1													P.I.D. No 1 FOR DESC SEE F.B. 3173 - 33
1.	254	700	555	5	271 237	34	50	350	351	5	68 32	36	
2.	232	300	533	5	250 214	36	50	278	351	5	68 32	36	
3.	110	101	411	5	129 91	38	234	199	535	5	252 216	36	TU. M.
TOTALS.	597	101				108	334	827				108	
	334	827										108	
DIFF ELEV. +	262	274	CM									216	M.
P.R. No 4													TRIANGULATION STATION PALM DALE RESERVOIR No 4 FOR DESC SEE F.B. 3173 - 37

WEATHER SUNNY INST. NO. 75234
TIME 9:36 to 9:45 ROD NO. 55 46
NOTES CHKD [illegible] DATE JUL 23 '64

JOB NO. 0301.02
SURVEY OF LA CO PRECISE LEVEL NET
SURVEY BY LIND NOTES LIND
INDEXED R. J. GALLI DATE

F.B. 3173 PG. 118

76P526 CE # 308 3-61

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

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY LIND WEATHER SUNNY INST. NO. 75234

NOTES BY LIND DATE 3-9-64 TIME 2:40 to 2:50 ROD NO. 45 96

INDEXED R. J. GAIL DATE NOTES CHKD. [illegible] DATE III 23 '64

F.B. 3173 PG. 119

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM P.I.D. No 1 TO 101-17
P.I.D. No 1				260				253	P.I.D. No 1
1	243	489	544 5	226 34	236	203	537 5	219 34	FOR DESC SEE F.B. 3173-23
				88				237	
2	67	130	368 5	46 42	216	943	517 5	195 42	
TOTALS	310	619		76	453	146		76	
					310	619		76	
DIFF ELEV					142	527		152	M.
									T.L.M.
By 101-17									By 101-17
									FOR DESC SEE F.B. 2410-11
									"D-429"

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-17 TO P.I.D. No 1
BM 101-17													BM 101-17 D-429
					231						81		FOR DESC SEE FB. 2410-11
1.	210	131	511	5	189	42	60	728	361	5	39	42	
					261						268		
2.	244	591	545	5	227	34	251	599	552	5	234	34	
TOTALS	454	722				76	312	327				76	TW.M
	312	327										76	
DIFF ELEV +	142	395	CM									152	M.
P.I.D. No 1													P.I.D. No 1. FOR DESC SEE FB 3173-23

WEATHER Sunny INST. NO. 75234

TIME 9:30 to 9:35 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 23 '64

JOB NO. 0301.06

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY LIND NOTES LIND

INDEXED E. J. GALLI DATE

FB. 3173 PG. 120

Notes Ck'd by	Survey of PALMDALE RESERVOIR
Map No.	JN 0301.06 Tape 202 Std 84 °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 4-9-64
Date	Indexed C. J. GALLI MAY 4 '64

F. B. 3173 PG. 123

PALMDALE RESERVOIR

0301.06

ECC. TIES

PALMDALE IRRIGATION DIST #4 TO PR #1

" " " #1 TO PR #4

DREIER
WILKS
LYBRAND
MARTINEZ
RODRIGUEZ, R.R.

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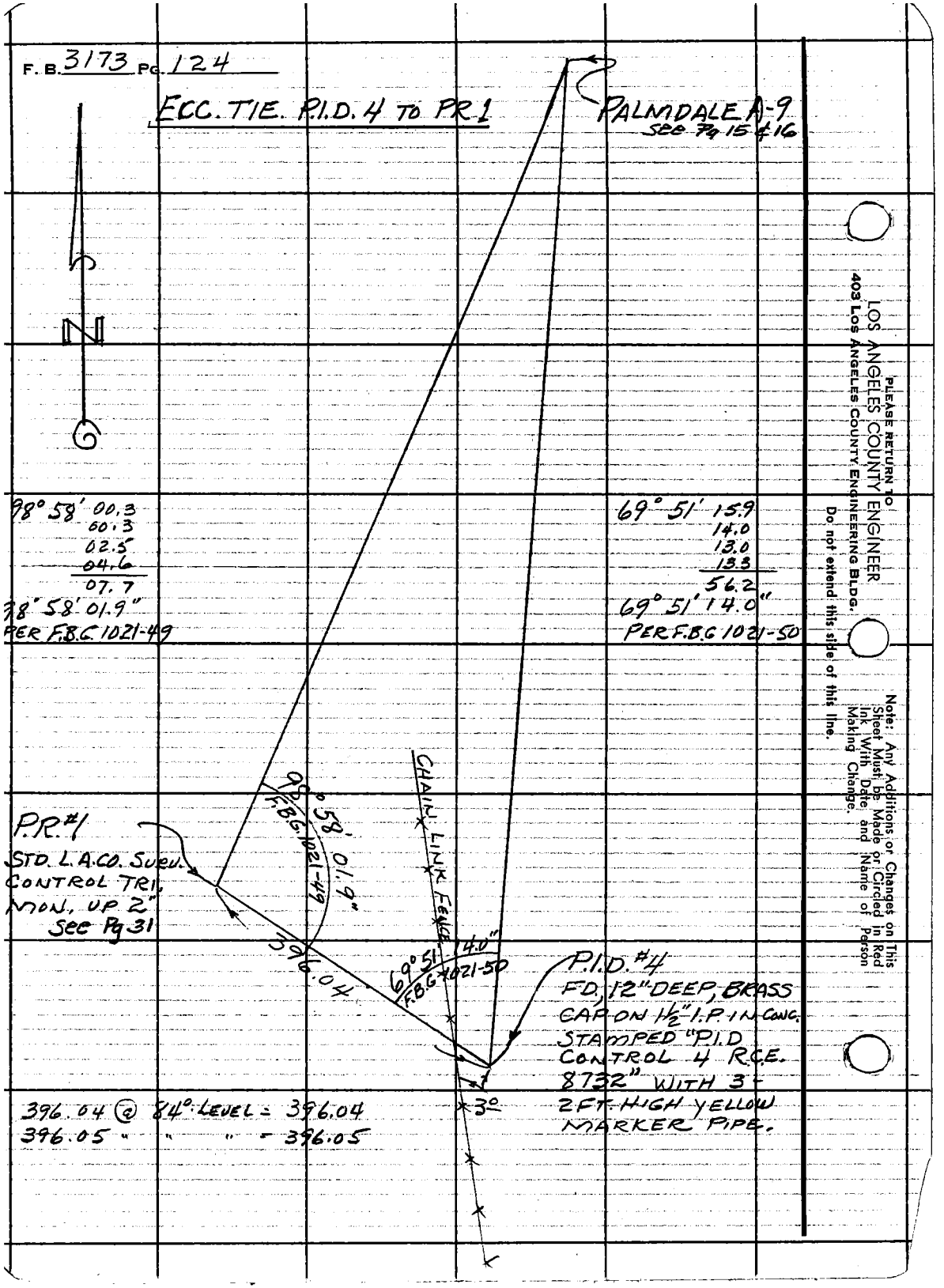
CE # 310 3-61

F. B. 3173 PG. 124

ECC. TIE. P.I.D. 4 TO PR 1



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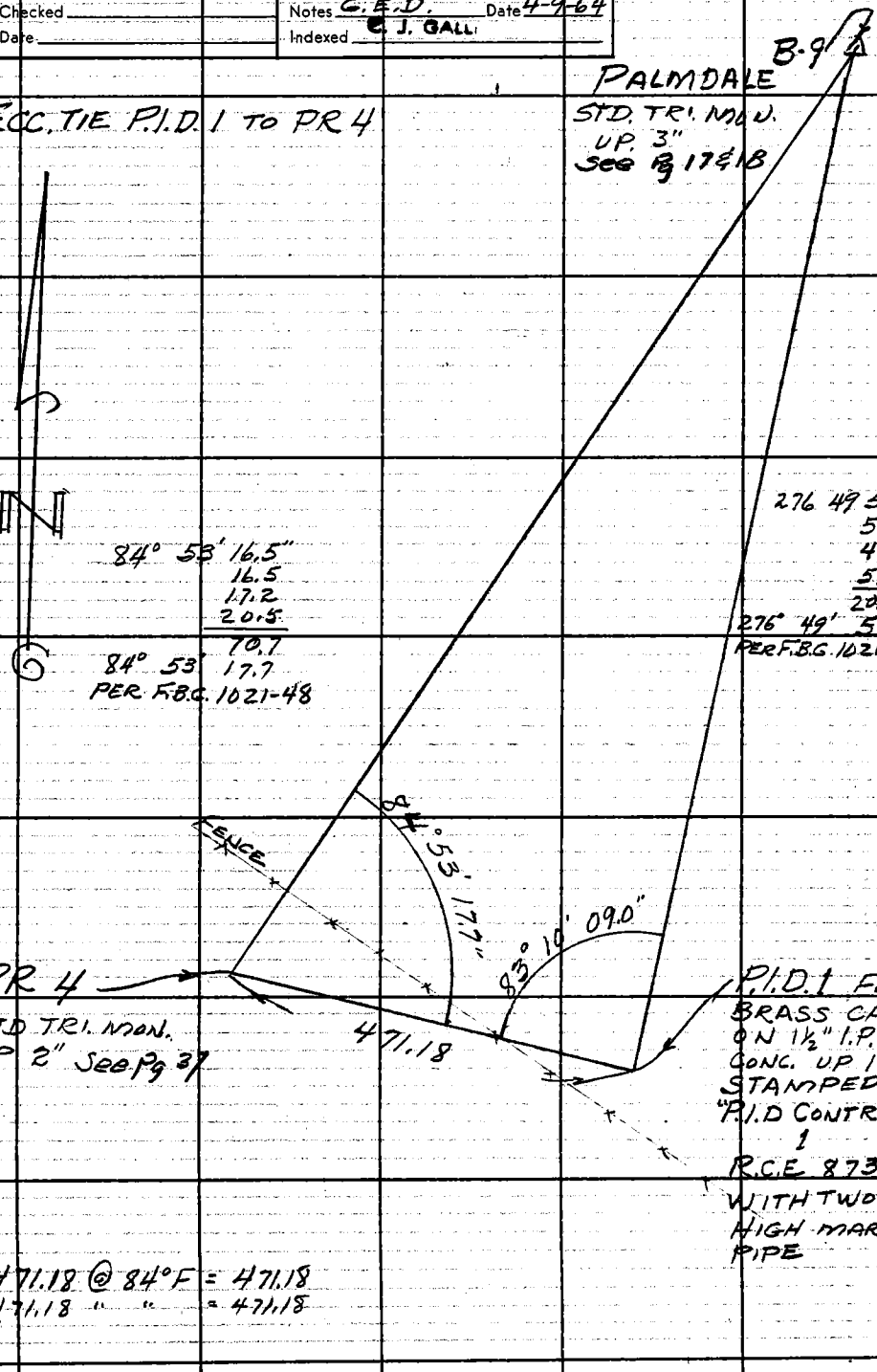
Notes Ck'd by _____

Map No. _____
Office Work _____
Checked _____
Date _____

Survey of PALMDALE RESERVOIR F. B. 3173 PG. 125

JN 0301.06 Tape 202 Std 84 °F
Surveyed by G.E. DREIER
Notes G.E.D. Date 4-9-64
Indexed C. J. GALL



471.18 @ 84°F = 471.18
471.18 " " = 471.18

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76F309S CE # 310 3-61

Notes Ck'd by	Survey of P.I.D. RESERVOIR	F. B. 3173 Pg. 127
Map No.	JN 0301.06 Tape Std °F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M. Date 2-10-65	
Date	Indexed G. J. GALLI	

J.N. 0301.06

PALMDALE IRRIGATION DISTRICT RESERVOIR

PRECISE LEVELS

RE-RUN

2-10-65
TO
3-2-65

MENDONCA
BEERS
HILL
MITCHELL

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76F3095 C.E. #310 6-62

F. B. 3173 PG. 128

FOR INDEX

SEE PAGES 6 AND 7

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY MENDONCA NOTES BY J.M. DATE 2-10-65 WEATHER SUNNY TIME 9:00 to 9:30 INST. NO. 7523
INDEXED DATE NOTES CHKD. C. J. DATE ROD NO. 9549
F.B. 3173 PG. 129

ION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From B.M. 101-17 To B.M. 101-23
21-17	53	169	354	5	77 29 48	202	848	503 5	226 178 48 B.M. 101-17
						53	169		48
						149	679	Cm	96 METERS
ELEV.									
101-19	54	113	355	5	77 31 46	233	749	534 5	256 210 46 B.M. 101-19 T D.H.B.
						54	113		46
ELEV.						179	636	Cm	92 METERS
101-21	71	420	372	5	95 47 48	168	017	469 5	193 143 50 B.M. 101-21
						71	420		48
						96	597	Cm	98 METERS
IFF. ELEV.									
B.M. 101-23									B.M. 101-23

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 101-23 TO BM 101-17
BM 101-23					188						91		B.M. 101-23
1	163	335	464	5	138	50	66	552	367	5	41	50	
	66	552										50	
DIFF. ELEV. +	96	783	Cm									100	METERS
B.M. 101-21					257						78		B.M. 101-21
1	233	962	534	5	209	48	54	321	355	5	30	48	
	54	321										48	
DIFF. ELEV. +	179	641	Cm									96	METERS
B.M. 101-19					228						78		B.M. 101-19
1	204	592	505	5	180	48	54	873	355	5	30	48	
	54	873										48	
DIFF. ELEV. +	149	719	Cm									96	METERS
B.M. 101-17													B.M. 101-17

π D.H.B.

WEATHER SUNNY INST. NO. 75234
TIME 10:30 to 11:00 ROD NO. 95496
NOTES CHKD [signature] DATE MAR 9 '85

JOB NO. 0301.06
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY MENDONCA NOTES J.M.
INDEXED [signature] DATE

B. 3173 PG. 130

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY MENDON CA WEATHER Sunny INST. NO. 7532

NOTES BY C. H. H. DATE 2/10/65 TIME 9:30 to 10:00 ROD NO. 15

INDEXED DATE NOTES CHKD C. J. GALLI DATE MAR 9 65

F.B. 3173 PG. 131

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS (From BM 101-23 To BM 101-29)	
BM 101-23					88	1/2					228		BM 101-23	
1	65	500	366	5	65	46	205	124	506	5	182	46		
							65	500				46		
Diff ELEV.							-139	624	CM.			92	METERS	
B.M.101-25					174						195		BM 101-25	T H.E.M.
1	156	134	457	5	138	36	177	131	478	5	159	36		
							156	134				36		
Diff. ELEV							-20	997	CM.			72	METERS	
BM 101-27					196						110		BM 101-27	
1	185	136	486	5	174	22	98	103	399	5	86	24		
	98	103										22		
Diff. ELEV. +	87	033	C.M.									46	METERS	
BM 101-29													BM 101-29	

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INST. NO. 75234
ROD NO. 95F96
DATE MAR 9 '65
WEATHER SUNNY
TIME 10:00 to 10:30
NOTES CHKD

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-29 TO BM 101-23
BM 101-29					102						188		BM 101-29
1	90	928	391	5	78	24	177	941	478	5	166	22	
							90	928				29	
Diff ELEV.							-87	013	Cm.			46	METERS
BM101-27					192						170		BM 101-27
1	174	017	475	5	156	36	152	956	453	5	134	36	
	152	956										36	
Diff ELEV	+21	061	Cm.									72	METERS
BM 101-25					225						85		BM 101-25
1	202	393	503	5	179	46	62	871	363	5	39	46	
	62	871										46	
Diff ELEV.	+139	522	Cm.									92	METERS
BM 101-23													BM 101-23

T JM

B. 3173 PG. 132 JOB NO. 0301.06
SURVEY OF LA Co. PRECISE LEVEL NET
SURVEY BY MENDONCA NOTES C. Hill
INDEXED C. J. CALL DATE

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY MENDON CA WEATHER SUNNY INST. NO. 7532

NOTES BY C. HILL DATE 2/10/65 TIME 10:15 TO 11:00 ROD NO. 4540

INDEXED DATE NOTES CHKD C. J. GALLI DATE MAR 9 '65

F.B. 3173 PG. 133

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left.		BACKSIGHT Stadia		FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left.		FORESIGHT Stadia		DESCRIPTION AND REMARKS From BM 101-29 To BM 101-35
BM 101-29					159						103		BM 101-29
1	146	203	447	5	133	26	90	342	391	5	77	26	
	90	342										26	
Diff ELEV	+55	861	CM.									52	METERS
BM 101-31					132						154		BM 101-31 π H.E.M.
1	119	112	420	5	106	26	141	129	442	5	128	26	
							119	112				26	
Diff ELE							-22	017	CM.			52	METERS
BM 101-33					152						137		BM 101-33
1	139	262	440	5	126	26	125	659	426	5	113	24	
	125	659										26	
Diff. ELEV.	+13	603	CM									50	METERS
BM 101-35													BM 101-35

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WEATHER SUNNY INST. NO. 75234
TIME 9:30 to 10:00 ROD NO. 95 & 96
NOTES CHKD DJM DATE MAR 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-35 TO BM 101-29
BM 101-35					139						147		BM 101 - 35
1	122	037	423	5	110	24	135	629	436	5	123	24	
							122	037				24	
Dif. Elev.							- 13	592	Cm.			48	Meters
BM 101-33					151						128		BM 101 - 33
1	138	259	439	5	125	26	116	261	417	5	104	24	
	116	261										26	
Dif. Elev.	+ 21	998	cm.									50	Meters
BM 101-31					99						155		BM 101 - 31
1	86	689	387	5	73	26	142	538	443	5	127	28	
							86	689				26	
Dif. Elev							- 55	849	Cm.			54	Meters
BM 101-29													BM 101 - 29

T J.M.

B. 3173 PG. 134 JOB NO. 0361.06
SURVEY OF LA CO. PRECISE LEVEL NET
SURVEY BY MENDOZA NOTES Beers
INDEXED G. J. GALLI DATE

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY MENDONCA WEATHER Sunny INST. NO. 7532

NOTES BY C. H. L. DATE 2/10/65 TIME 11:15 To 11:45 ROD NO. 9596

INDEXED DATE NOTES CHKD G. J. CALL DATE MAR 9 '65

F.B. 3173 PG. 135

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM101-35 TO BM101-41
BM.101-35					136						192		BM.101-35
1	111	283	412	5	86	50	167	298	468	5	142	50	
							111	283				50	
Dif. Elev.							-56	015	Cm.			100	Meters
													T H.E.M.
BM101-37					201						56		BM101-37.
1	181	242	482	5	561	40	35	843	336	5	14	42	
					280						61		
2	259	463	560	5	238	42	41	403	342	5	21	40	
TOTALS	440	705				82	77	246				82	
	77	246										82	
Dif. Elev.	+363	459	Cm.									164	METERS
BM.101-39					82						211		BM.101-39
1	68	683	369	5	54	28	197	237	498	5	183	28	
							68	683				28	
Dif. Elev.							-128	554	Cm.			56	Meters.
BM.101-41													BM.101-41

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM.101-41 TO BM 101-35
BM.101-41					212						83		B.M.101-41
1	198	000	499	5	184	28	69	413	370	5	55	28	
	69	413										28	
Dif. Elev.	+128	587	Cm.									56	Meters
													π J.M.
BM.101-39					57						276		B.M.101-39
1	37	385	338	5	17	40	255	424	556	5	234	42	
					54						199		
2	34	443	335	5	14	40	179	889	480	5	159	40	
Totals	71	828				80	435	313				82	
							71	828				80	
Dif. Elev.							-363	485	Cm.			162	Meters
BM.101-37					186						131		BM 101-37.
1	162	921	463	5	138	48	106	927	407	5	81	50	
	106	927										48	
Dif. Elev.	+55	994	Cm.									98	Meters
BM.101-35													BM101-35

WEATHER Windy Sunny INST. NO. 75234

TIME 9:00 to 9:30 ROD NO. 95896

NOTES CHKD [illegible] DATE MAR 9 '65

JOB NO. 0301.06

SURVEY OF LA County Precise Level Net

SURVEY BY Mendonca NOTES Beers

INDEXED C. J. GALLI DATE

B.B. 3173 PG. 136

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY MENDONCA WEATHER SUNNY WINDY INST. NO. 75234
NOTES BY H.E. MITCHELL DATE 2-15-65 TIME 9:30 to 10:00 ROD NO. 95496
INDEXED DATE NOTES CHKD C. J. GALL DATE MAR 9 1965
F.B. 3173 PG. 137

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS FROM BM 101-39 TO PALMDALE B-9
BM 101-39					208						73		BM. 101-39
1	195	842	496	5	182	26	60	974	361	5	47	26	
					240						38		
2	234	645	535	5	228	12	32	705	333	5	26	12	
					265						62		
3	261	873	562	5	257	08	58	170	359	5	54	08	
					275						36		
4	268	205	569	5	261	14	29	526	330	5	22	14	π C.H.H.
					276						57		
5	270	094	571	5	264	12	51	371	352	5	45	12	
					204						60		
6	198	446	499	5	192	12	54	035	355	5	48	12	
TOTALS	1428	505				84	286	781				84	
	286	781										84	
DIFF. ELEV. +	1141	724	Cm									168	METERS
PALMDALE B-9													PALMDALE B-9

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INST. NO. 75234 ROD NO. 95896 DATE MAR 9 '65

WEATHER Sunny TIME 10:00 to 10:30 NOTES CHKD

B. 3173 PG. 138 JOB NO. 0301.06

SURVEY OF R.I.D. Reservoir Levels

SURVEY BY Meadows & Notes H.E. Mitchell

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													PALMDALE FROM B-9 TO BM101-39
B-9					60						205		B-9
1	54	870	355	5	48	12	199	674	500	5	193	12	
					58						276		
2	52	409	353	5	46	12	270	763	571	5	264	12	
					33						271		
3	26	195	327	5	19	14	264	828	565	5	257	14	T CH.H.
					58						262		
4	54	574	355	5	50	08	258	480	539	5	254	08	
					34						235		
5	29	871	330	5	24	10	230	153	531	5	225	10	
					77						213		
6	64	518	365	5	51	26	200	309	501	5	187	26	
TOTALS	282	437				82	1424	207				82	
							282	437				82	
DIFF. ELEV.							-141	770	cm			164	METERS
BM101-39													BM101-39

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY MENDONCA WEATHER SUNNY INST. NO. 75231
NOTES BY J.M. DATE 2-17-65 TIME 9:30 TO 10:00 ROD NO. 95#96
INDEXED DATE NOTES CHKD C. J. GALL DATE MAR 4 '65
F.B. 3173 PG. 139

ATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-41 TO P.I.D. #2
				159				32 1/2	BM 101-41
101-41 1	142	331	443 5	125 34	15	767	316 5	15 34	
				272				101	
2	265	692	566 5	258 14	94	532	395 5	87 14	
				218				98	
3	210	181	511 5	202 16	90	255	391 5	82 16	T D.H.B
				290				39	
4	283	039	584 5	276 14	32	119	333 5	25 14	
TALS	901	243		78	232	673		78	
	232	673						78	
ELEVT	668	570	Cm					156	METERS
P.I.D. #2									P.I.D. #2

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM PID #2 TO BM 101-41
BM P.I.D. #2					42						293		BM. P.I.D. #2
1	35	384	336	5	28	14	286	113	587	5	279	14	
					105						224		
2	97	886	398	5	89	16	216	757	517	5	208	16	
					109						282		
3	102	940	403	5	95	14	275	389	576	5	268	14	
					38	1/2					165		⊼ HEM.
4	20	954	321	5	20	36	147	394	448	5	129	36	
TOTALS	257	164				80	925	653				80	
							257	164				80	
Diff. ELEV.							668	489	Cm			160	METERS
BM 101-41													BM 101-41

WEATHER SUNNY & WINDY INST. NO. 75234
TIME 2:45 To 3:15 ROD NO. 95 & 96
NOTES CHKD [illegible] DATE MAR 9 '65

JOB NO. 0301.06
SURVEY OF LA CO. PRECISE LEVEL NET
SURVEY BY JM NOTES C Hill
INDEXED C. J. GALLI DATE

B. 3173 PG. 140

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY J. M. MENDONCA DATE 2-16-65 WEATHER SUNNY TIME 10:15 TO 10:45 INST. NO. 75234 ROD NO. 95496

NOTES BY

INDEXED DATE NOTES CHKD C. J. GALL DATE MAR 9 65

F.B. 3173 PG. 141

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM P.I.D. #2 TO P.I.D. #3
P.I.D. #2					35						219		P.I.D. #2
1	28	741	329	5	21	14	212	784	513	5	205	14	
					211						224		
2	186	343	487	5	161	50	199	138	500	5	174	50	
					172						170		
3	147	121	448	5	122	50	145	757	446	5	120	50	
					165						166		T D.H.B.
4	140	442	441	5	115	50	141	239	442	5	116	50	
					150						54		
5	138	719	439	5	126	24	42	549	343	5	30	24	
					275						68		
6	270	878	571	5	265	10	63	388	364	5	58	10	
TOTALS	912	244			198		804	855			198		
	804	855									198		
DIFF. ELEV.	+107	389	(m)								396		METERS
P.I.D. #3													P.I.D. #3

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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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.I.D. #3 TO P.I.D. #2
BM PID #3					69						278		BM. PID #3
1	64	940	365	5	59	10	273	649	574	5	268	10	
					53						147		
2	41	972	342	5	29	24	135	024	436	5	123	24	
					167						168		
3	142	720	443	5	117	50	143	780	444	5	118	50	T. H.E.M.
					172						171		
4	147	019	448	5	122	50	146	749	447	5	121	50	
					245						233		
5	220	076	521	5	195	50	208	199	509	5	183	50	
					222						39		
6	215	651	516	5	208	14	32	1 99	333	5	25	14	
TOTALS	832	378			198		939	600			198		
							832	378			198		
Diff. ELEV.							107	222	Cm		396		METERS
BMPID #2													BM PID #2

WEATHER SUNNY & WINDY INST. NO. 75234

TIME 2:15 To 2:45 ROD NO. 95E96

NOTES CHKD [illegible] DATE MAR 9 '65

JOB NO. 0301.06

SURVEY OF I.A. CO PRECISE LEVEL NET

SURVEY BY J.M. NOTES C.H.11

INDEXED G. J. GALLI DATE

B. 3173 PG. 142

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY MENDONIA WEATHER WINDY SUNNY INST. NO. 75234

NOTES BY J.M. DATE 2-16-65 TIME 11:00 TO 11:30 ROD NO. 95896

INDEXED DATE NOTES CHKD. C. J. GALLI DATE MAR 9 65

F.B. 3173 PG. 143

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM PID #3 TO PR #5
PID #3				85				284	PID #3
1	75	795	376 5	65 20	274	879	575 5	264 20	
				57				144	
2	32	822	333 5	7 50	119	802	420 5	94 50	
				170				184	
3	145	729	446 5	120 50	159	539	460 5	134 50	T D.H.B.
				290 1/2				44 1/2	
4	290	642	591 5	276 28	30	488	331 5	30 28	
				291 1/2				99	
5	291	782	592 5	277 28	85	232	386 5	71 28	
				194				108	
6	169	949	470 5	144 50	83	138	384 5	58 50	
				236				257	
7	224	342	525 5	212 24	245	601	546 5	233 24	
TOTALS	1231	061		250	998	679		250	
	998	679						250	
DIFF. ELEV. +	232	382	Cm					500	METERS
PR #5									PR #5

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R. #5 TO P.I.D. #3
PR #5					259						235		B.M. P.R. #5
1	247	077	548	5	235	24	223	677	524	5	211	24	
					110						199		
2	84	509	385	5	58	52	173	561	474	5	147	52	
					103						295	½	
3	88	955	389	5	73	30	295	097	596	5	280	30	⊼ H.E.M.
					45						292	½	
4	31	960	332	5	17	28	292	612	593	5	278	28	
					187						174		
5	162	752	463	5	137	50	149	750	450	5	124	50	
					145						58		
6	120	328	421	5	95	50	33	370	334	5	08	50	
					280						80		
7	270	328	571	5	260	20	70	305	371	5	60	20	
TOTALS	1005	909				254	1238	372				254	
							1005	909				254	
Diff. ELEV.							232	463	Cm			508	METERS
P.I.D. #3													BM P.I.D. #3

WEATHER SUNNY WINDY INST. NO. 75234
TIME 1:15 To 2:00 ROD NO. 95E96
NOTES CHKD [illegible] DATE MAR 9 '63

JOB NO. 0301.06
SURVEY OF LA Co. PRECISE LEVEL NET
SURVEY BY JM NOTES C. Hill
INDEXED C. J. GALLI DATE

B. 3173 PG. 144

76P526 CE # 308 3-61

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM PID #5 TO StA. A-9
PR#5					106						169		BM PR #5
1	92	053	393	5	78	28	154	206	455	5	139	30	
					284						111		
2	258	385	559	5	232	52	86	400	387	5	61	50	
					281	½					78		π J.M.
3	281	254	582	5	260	42	57	472	358	5	36	42	
					232						23	½	
4	217	683	518	5	202	30	8	723	309	5	8	30	
					262						50		
5	256	389	557	5	250	12	44	382	345	5	38	12	
					199						87		
6	194	326	495	5	189	10	82	781	383	5	77	10	
Totals	1300	090			174		433	964			174		
	433	964									174		
Dif. Elev. +	866	126	Cm								348		METERS
StA.-A-9													StA. A-9

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Mendonca WEATHER Sunny INST. NO. 25234

NOTES BY Reers DATE 2-18-65 TIME 9:30 to 10:30 ROD NO. 95696

INDEXED DATE NOTES CHKD J. GALLI DATE MAR 9 65

F.B. 3173 PG. 145

PLEASE RETURN TO

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403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM STA. A-9 TO PID # 5
StA. A-9					94						205		StA. A-9
1	89	273	390	5	84	10	200	846	501	5	195	10	
					55						267		
2	50	639	351	5	45	10	262	442	563	5	257	10	
					34						244		
3	19	871	320	5	04	30	229	466	530	5	214	30	
					77						298		
4	56	844	357	5	35	42	277	098	578	5	256	42	
					112						289		
5	87	210	388	5	62	50	263	859	564	5	237	52	
					177						112		
6	162	494	463	5	147	30	98	949	399	5	84	28	
TOTALS	466	331			1	72	1332	660			1	72	
							466	331			1	72	
DIFF. ELEV.							866	329	Cm		3	44	METERS
PID # 5													P.I.D. # 5

Λ J.M.

WEATHER Sunny INST. NO. 75284

TIME 2:00 TO 3:00 ROD NO. 25 & 96

NOTES CHKD [illegible] DATE MAR 9 '65

JOB NO. 0301.06

SURVEY OF LACo Precise Level Net

SURVEY BY JM NOTES Beers

INDEXED G. J. GALLI DATE

B. 3173 PG. 146

76P526 CE # 308 3-61

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

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Mendenhall WEATHER Sunny INST. NO. 25234

NOTES BY Reeves DATE 3-18-63 TIME 10:30 to 11:30 ROD NO. 95696

INDEXED DATE NOTES CHKD C. J. GALLI DATE MAR 9 '65

F.B. 3173 PG. 147

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM Sta A-9 TO PR #6
Sta A-9					23						234		Sta A-9
1	13	929	314	5	3	20	224	658	525	5	214	20	
					36						241		
2	26	537	327	5	16	20	231	603	532	5	221	20	
					40						233		T J.M.
3	33	769	334	5	26	14	226	722	527	5	219	14	
					40						238		
4	37	199	328	5	14	26	225	853	526	5	212	26	
					52						217		
5	42	862	343	5	32	20	206	926	507	5	195	22	
					37						245		
6	24	587	325	5	11	26	233	779	534	5	221	24	
					76						160		
7	55	000	356	5	34	42	139	532	440	5	118	42	
					109						175		
8	93	596	394	5	77	32	138	463	459	5	141	34	
Totals	317	529				200	1647	536				202	
							317	529				200	
Dif. Elev							-1330	007	(m)			402	METERS
PR# 6													P.R. #6

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403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR #6 TO Sta. A-9
P.R. #6					171						107		P.R. #6
1	155	737	456	5	139	32	91	172	392	5	75	32	
					170						86		
2	149	265	450	5	128	42	66	595	367	5	46	40	
					252						42		
3	240	911	541	5	228	24	29	633	330	5	16	26	
					215						51		
4	204	436	505	5	193	22	41	008	342	5	31	20	
					241						43		
5	229	590	530	5	217	24	30	420	331	5	17	26	
					241						49		
6	234	210	535	5	227	14	42	245	343	5	35	14	
					238						33		
7	228	740	529	5	218	20	23	432	324	5	13	20	
					246						34		
8	236	344	537	5	226	20	24	870	325	5	14	20	
TOTALS	1679	233				198	349	375				198	
	349	375										198	
DIFF. ELEV. +	1329	858	Cm									396	METERS
Sta. A-9													Sta. A-9

Π C.H.H.

WEATHER Sunny INST. NO. 25234

TIME 1:30 TO 2:00 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE MAR 9 '65

JOB NO. 0301.06

SURVEY OF LA County Precise Level Net

SURVEY BY J.M. NOTES HEM

INDEXED G. J. GALLI DATE

B. 3173 PG. 148

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM PR #6 TO PR #1
PR #6					114						217		PR #6
1	89	314	390	5	64	50	192	651	493	5	167	50	
					178						184		
2	153	439	454	5	128	50	159	463	460	5	134	50	
					182						76		π D.H.B.
3	157	301	458	5	132	50	51	221	352	5	26	50	
					155						106		
4	135	772	436	5	115	40	87	234	388	5	66	40	
TOTALS	535	826	✓				490	569	✓		190	✓	
	490	569	✓								190	✓	
DIFF. ELEV.	45	257	Cm.								380	✓	Meters
PR #1													PR. #1

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY [redacted] MENDOZA

NOTES BY J.M. DATE 2-25-65 TIME 8:45 to 9:15 WEATHER SUNNY INST. NO. 75234

INDEXED DATE NOTES CHKD. C. L. GALLI DATE MAR 9 '65 ROD NO. 95100

F.B. 3173 PG. 149

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403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR #1 TO PR #6
PR #1					106						154		PR #1
1	85	133	386	5	64	42	133	830	434	5	112	42	
					71						177		
2	46	943	347	5	21	50	152	990	453	5	127	50	
					183						176		
3	158	719	459	5	133	50	151	578	452	5	126	50	
					214						111		
4	189	239	490	5	164	50	86	781	387	5	61	50	
TOTALS	480	034				192	525	179				192	
							480	034				192	
DIFF. ELEV.							45	145				384	Meters
PR #6													PR #6

π D.H.B.

WEATHER SUNNY INST. NO. 75234

TIME 9:40 to 10:00 ROD NO. 95 #96

NOTES CHKD [signature] DATE MAR 9 '65

JOB NO. 0301.06

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY J.M. NOTES J.M.

INDEXED C. J. GALLE DATE

B. 3173 PG. 150

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR #1 TO PID #4
PR #1					142						203		PR #1
1	117	463	418	5	92	50	178	186	479	5	153	50	
					112						235		
2	105	350	406	5	98	14	228	762	529	5	221	14	
TOTALS	222	813				64	406	948				64	π D.H.B.
							222	813				64	
DIFF. ELEV.						—	184	135	Cm.			128	Meters
PID #4													PID #4

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY MENDONCA WEATHER SUNNY INST. NO. 7523

NOTES BY J.M. DATE 2-25-65 TIME 9:15 to 9:30 ROD NO. 9589

INDEXED DATE NOTES CHKD. G. J. GALLI DATE MAR 9 65

F.B. 3173 PG. 151

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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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PID #4 TO PR #1
PID #4					233						110		PID #4
1	226	352	527	5	219	14	103	022	404	5	96	14	
					201						141		
2	176	812	477	5	51	50	116	291	417	5	91	50	
TOTALS	403	164				64	219	313				64	
	219	313										64	
DIFF. ELEV. +	183	851.	CM									128	Meters
PR #1													PR #1

J.D.H. - B.

WEATHER SUNNY INST. NO. 75234
TIME 9:30 to 9:40 ROD NO. 95 & 96
NOTES CHKD [illegible] DATE MAR 9 '65

JOB NO. 0301.06
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J.M. NOTES J.M.
INDEXED G. J. GALLI DATE

B. 3173 PG. 152

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Re-RUN

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR#1 TO PID#4
PR#1					143						203		PR#1
1	118	183	419	5	93	50	178	685	479	5	153	50	
					118						241		
2	110	068	411	5	102	16	333	633	534	5	225	16	
Totals	228	251				66	412	318				66	π J.M.
							228	251				66	
Dif. Elev.							184	067	CM			132	Meters
PID#4													PID#4

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Mendonca WEATHER Sunny INST. NO. 75234

NOTES BY Beers DATE 2-26-65 TIME 0301.9145 ROD NO. 0310

INDEXED DATE NOTES CHKD C. J. GALLI DATE MAR 9 '65

F.B. 3173 PG. 153

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LOS ANGELES COUNTY ENGINEER

403 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.

Re-RUN.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PID #4 TO PR #1
PID #4					239						115		PID #4
1	231	210	532	5	223	16	107	628	408	5	99	16	
					206						145		⊼ JM
2	181	479	482	5	156	50	121	000	422	5	95	50	
Totals	412	689				66	228	628				66	
	228	628										66	
Dif. Elev -	184	061	Cm								132		Meters
PR #1													PR #1

WEATHER Sunny INST. NO. 75234

TIME 9:45 to 10:00 ROD NO. 85606

NOTES CHKD [illegible] DATE MAR 9 '65

JOB NO. 0301.06

SURVEY OF LA County Precise Level Net

SURVEY BY JM NOTES Rears

INDEXED [illegible] DATE

B. 3173 PG. 154

F.B. 3173 PG. 155

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY MENDONCA WEATHER SUNNY INST. NO. 7523

NOTES BY J.M. DATE 2-25-65 TIME 10:30 to 11:00 ROD NO. 9569

INDEXED DATE NOTES CHKD G. J. GALLI DATE MAR 9 '65

76P526 CE # 308 3-61

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM PID #4 TO PR #7
PID #4				275 1/2				195	PID #4
1	275	075	576 5	250 50	170	591	471 5	145 50	
				161				187	
2	136	522	437 5	111 50	162	853	463 5	137 50	
				158				100	
3	133	450	434 5	108 50	74	599	375 5	50 50	
				235				120	
4	226	218	527 5	217 18	111	450	412 5	102 18	
TOTALS	771	265		168	519	493		168	
	519	493						168	
DIFF. ELEV.	251	772 Cm.						336 Meters	

PR #7

PR #7

π D.H.B.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

INST. NO. 75234 ROD NO. 95496 DATE MAR 9 '65

WEATHER SUNNY TIME 1:30 TO 2:00 NOTES CHKD. [illegible]

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR #7 TO PID #4
PR #7					124						244		PR #7
1	115	306	416	5	106	18	235	032	536	5	226	18	
					103						157		
2	78	301	379	5	53	50	132	114	433	5	107	50	
					189						163		
3	164	413	465	5	139	50	138	424	439	5	113	50	π C.H.H.
					200						279	½	
4	174	989	475	5	148	52	279	411	580	5	253	52	
TOTALS	533	009				170	784	981				170	
							533	009				170	
DIFF ELEV.							-251	972	Cm.			340	Meters
PID #4													PID #4

B. 3173 PG. 156 JOB NO. 0301.06

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY J.M. NOTES MITCHELL

INDEXED [illegible] GALLI DATE

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR #7 TO PR #2
PR #7					83						231		PR #7
1	68	722	369	5	53	30	216	983	517	5	201	30	
					181						119		
2	156	181	457	5	131	50	94	229	395	5	69	50	
					125						171		
3	100	368	401	5	75	50	146	893	447	5	121	50	π D.H.B.
					195						94		
4	182	742	483	5	169	26	81	648	382	5	68	26	
					280						32		
5	270	300	571	5	260	20	22	590	323	5	12	20	
					214						59		
6	209	553	510	5	204	10	54	394	355	5	49	10	
TOTALS	987	866			186		616	737			186		
	616	737									186		
DIFF. ELEV. +	371	129	Cm								372		Meters.
PR #2													PR #2

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY MENDONCA WEATHER SUNNY INST. NO. 75223

NOTES BY J.M. DATE 2-25-65 TIME 11:00 TO 11:30 ROD NO. 9579

INDEXED DATE NOTES CHKD G. GALLI DATE MAR 9 '65

F.B. 3173 PG. 157

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

WEATHER SUNNY INST. NO. 75234
TIME 1:00 TO 1:30 ROD NO. 95 #96
NOTES CHKD. DATE MAR 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR #2 TO PR #7
PR #2					62						218		PR #2
1	57	331	358	5	52	10	213	155	514	5	208	10	
					34						282		
2	24	696	325	5	14	20	272	891	573	5	262	20	
					95						194		
3	82	007	383	5	69	26	181	916	482	5	168	26	π C.H.H.
					179						133		
4	154	762	455	5	129	50	108	538	409	5	83	50	
					109						171		
5	84	519	385	5	59	50	146	529	447	5	121	50	
					191						43		
6	176	075	477	5	161	30	28	145	329	5	13	30	
TOTALS	579	390				186	951	174				186	
							579	390				186	
DIFF. ELEV.							-371	784	C.H.			372	Meters
PR #7													PR #7

SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J.M. NOTES MITCHELL
INDEXED G. J. GALLI DATE
JOB NO. 0301.06
B. 3173 PG. 158

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

RE-RUN

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR #7 TO PR #2
PR #7					81						229		PR #7
1	66	954	367	5	51	30	214	600	515	5	199	30	
					173						114		
2	149	521	450	5	123	50	89	307	390	5	64	50	
					130						176		
3	105	962	406	5	80	50	151	412	452	5	126	50	
					186						86		
4	173	823	474	5	160	26	72	972	373	5	58	28	
					287						37		
5	276	193	577	5	265	22	27	698	328	5	17	20	
					217						62		
6	212	407	513	5	207	10	57	154	358	5	52	10	
TOTALS	984	860			1	88	613	143			1	88	
	613	143									1	88	
DIFF. ELEV.	371	717	Cm								3	76	Meters.
PR #2													PR #2

T J.M.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Mendonca WEATHER Sunny INST. NO. 75234

NOTES BY Beers DATE 2-26-65 TIME 10:30 To 11:00 ROD NO. 95 & 96

INDEXED DATE NOTES CHKD C. J. GALLI DATE MAR 9 '65

F.B. 3173 PG. 159

F.B. 3173 Pg. 160

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD. DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Mendoza WEATHER SUNNY INST. NO. 25234

NOTES BY C H Hill DATE 2-26-68 TIME 1:00 To 1:50 ROD NO. 95696

INDEXED DATE NOTES CHKD S. J. GALLI DATE MAR 9 '65

F.B. 3173 PG. 161

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM PR #2 TO PR #8
PR #2					202						42		PR #2.
1	191	394	492	5	180	22	31	906	332	5	20	22	
					286						30		
2	278	869	579	5	270	16	22	173	323	5	14	16	
					292						35		
3	284	056	585	5	276	16	27	386	328	5	19	16	
					202						216		⊼ H.E.M.
4	176	635	477	5	150	52	190	540	491	5	164	52	
					45						253		
5	37	944	338	5	29	16	245	220	546	5	237	16	
					52						293		
6	39	419	340	5	26	26	280	032	581	5	267	26	
					89						283		
7	79	453	380	5	69	20	273	840	574	5	263	20	
TOTALS	1087.	770				168	1071.	097				168	
	1071	097										168	
Diff. ELEV. +	16	673	Cm.									336	Meters
P.R. #8													P.R. #8

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 25234 ROD NO. 25 E/6 DATE MAR 9 '65

WEATHER Sunny WINDY TIME 11:15 to 11:45 NOTES CHKD. [illegible]

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR # 8 TO PR # 2
PR # 8					282						89		PR # 8
1	272	178	573	5	262	20	79	184	380	5	69	20	
					271						29		
2	258	689	559	5	245	26	16	810	317	5	3	26	
					249						42		
3	241	728	542	5	233	16	34	379	335	5	26	16	T D.H.B.
					213						207		
4	188	910	489	5	163	50	182	450	483	5	157	50	
					47						297		
5	39	463	340	5	31	18	288	939	589	5	279	18	
					32						287		
6	24	308	325	5	16	16	279	409	580	5	271	16	
					44						205		
7	33	793	334	5	22	22	194	659	495	5	183	22	
TOTALS	1059	069				168	1075	830				168	
							1059	069				168	
DIFF. ELEV.							− 16	761	C.H.			336	Meters
PR # 2													PR # 2

F.B. 3173 PG. 162 JOB NO. 0301.06

SURVEY OF LA County Precise Level Net

SURVEY BY J.M. NOTES J.M.

INDEXED C. J. GALL DATE

76P526 CE # 308 3-61

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY MENDONCA NOTES BY P.H. HIL DATE 2-26-65 WEATHER SUNNY TIME 2:00 TO 2:30 INST. NO. 7523 ROD NO. 9589

INDEXED DATE NOTES CHKD G. J. GALLI DATE MAR 9 '65

F.B. 3173 PG. 163

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From PR # 8 To PR # 3
PR # 8					60						227		PR # 8
1	53	348	354	5	46	14	220	449	521	5	213	14	
					28						202		
2	16	431	317	5	04	24	190	483	491	5	178	24	
					108						259		
3	83	633	384	5	58	50	234	746	535	5	209	50	
					93						127		
4	68	594	369	5	43	50	102	608	403	5	77	50	
					261						113		
5	236	538	537	5	211	50	88	200	389	5	63	50	T H.E.M.
					200						94		
6	187	089	488	5	174	26	81	767	382	5	68	26	
TOTALS	645	633				214	918	253				214	
							645	633				214	
Diff. ELEV.						—	272	620	CM.			428	Meters
PR # 3													PR # 3

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 95896 DATE MAR 9 '65

WEATHER SUNNY WINDY TIME 10:45 to 11:15 NOTES CHKD. [illegible]

JOB NO. 0301.06 NOTES J.M. DATE

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY J.M. INDEXED G. J. CALL

F.B. 3173 PG. 164

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR#3 TO PR#8
P.R. #3					102						207		PR #3
1	89	108	390	5	76	26	194	552	495	5	181	26	
					101						250		
2	76	983	377	5	51	50	225	392	526	5	200	50	
					91						90		
3	66	529	367	5	41	50	65	092	366	5	40	50	T D.H.E.
					276						95		
4	251	700	552	5	226	50	70	023	371	5	45	50	
					198						59		
5	186	175	487	5	174	24	47	772	348	5	35	24	
					249						44		
6	242	213	543	5	235	14	37	408	338	5	30	14	
TOTALS	912	708				214	640	239				214	
	640	239										214	
DIFF. ELEV.	272	469	Cm									428	Meters
PR #8													PR #8

76P526 CE # 308 3-61

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

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM PR#3 TO PR#4
BM PR#3				142				200	BM P.R. #3
1	117	703	418 5	92 50	175	256	476 5	150 50	
				184				133	
2	159	179	460 5	134 50	108	450	409 5	83 50	
				180				224	
3	159	849	460 5	138 50	203	360	504 5	182 52	
				141				164	
4	125	141	426 5	109 32	149	625	450 5	134 30	
				164				185	
5	154	695	455 5	144 20	175	656	476 5	165 20	
TOTALS	716	567		2 02	812	347		202	
					716	567		202	
DIFF. ELEV.				—	95	780	Cm.	4 04	METERS
BM PR#4									BM PR#4

T H.E.M.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY MENDONCA WEATHER SUNNY INST. NO. 7523
NOTES BY C.H. Hill DATE 2-26-65 TIME 2:30 TO 3:00 ROD NO. 95E9
INDEXED DATE NOTES CHKD. C. J. GALLE DATE MAR 9 '65

F.B. 3173 PG. 165

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR # 4 TO PR # 3
PR # 4					179						158		P.R. #4
1	169	689	470	5	159	20	148	153	449	5	138	20	
					162						139		
2	146	857	447	5	130	32	123	792	424	5	107	32	
					224						206		
3	203	339	504	5	[illegible]	42	185	658	486	5	164	42	⊼ ▽ HB
					150						193		
4	126	491	427	5	102	48	168	966	469	5	143	50	
					218						141		
5	191	924	492	5	166	52	116	138	[illegible]	5	91	50	
Totals	838	300				194	742	707				194	
	742	707										194	
Dif Elev.	95	593	Cm.									388	Meters
P.R. #3													P.R. #3

Windy

WEATHER Sunny INST. NO. 75234

TIME 10:00 To 10:30 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE MAR 9 '65

JOB NO. 0301.06

SURVEY OF LA County Precise Level Net

SURVEY BY J M NOTES J M

INDEXED G. J. GALL DATE

B. 3173 PG. 166

76P526 CE # 308 3-61

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

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR#4 TO PID#1
PR#4					253						129		PR#4
1	235	317	536	5	217	36	111	953	412	5	93	36	
					74						257		
2	56	943	357	5	38	36	238	471	539	5	219	38	
					60						263		
3	43	010	344	5	26	34	247	151	548	5	231	32	⊼ J.M.
TOTALS	335.	270				106	597	575				106	
							335	270				106	
Dif. Elev.							262	305	Cm.			212	Meters
PID#1													PID#1

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY J. Mendonca WEATHER Windy Sunny INST. NO. 75224

NOTES BY Beers DATE 3-9-65 TIME 9:30 To 10:00 ROD NO. 9569

INDEXED DATE NOTES CHKD C. J. GALLI DATE MAR 9 '65

F.B. 3173 PG. 167

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.I.D #1 TO P.R #4
P.I.D #1					263						60		P.I.D #1
1	247	688	548	5	231	32	43	610	344	5	26	34	
					255						72		
2	236	832	537	5	217	38	54	841	355	5	36	36	
					129						253		
3	110	660	411	5	91	38	234	414	535	5	215	38	
TOTALS	595	180				108	332	865				108	
	332	865										108	
Dif. Elev.	+262	315	Cm									216	Meters
P.R. #4													P.R #4

WEATHER Windy Sunny
TIME 11:00 To 11:30
NOTES CHKD [illegible]
INST. NO 25234
ROD NO 25896
DATE 9 '65

JOB NO. 0301.06
SURVEY OF L.A. County Precise Level Net
SURVEY BY J.M. NOTES Beers
INDEXED C. J. GALLI DATE
B.B. 3173 PG. 168

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PID #1 TO BM 101-17.
PID #1					282						228		PID #1
1	257	488	558	5	232	50	203	920	504	5	178	50	
					55						251		
2	32	635	333	5	9	46	228	793	529	5	205	46	TJM
TOTALS	290	123				96	432	713				96	
							290	123				96	
Dif. Elev.							+142	590	Cm.			198	Meters
BM 101-17													BM 101-17

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY J. Mendonca WEATHER Windy Sunny INST. NO. 25233

NOTES BY Beers DATE 3-9-65 TIME 10:00 TO 10:30 ROD NO. 95691

INDEXED DATE NOTES CHKD C. J. GALLI DATE MAR 9 '65

F.B. 3173 PG. 169

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM101-17 TO PID #1
BM101-17					257						61		BM101-17
1	234	457	535	5	211	46	38	362	339	5	15	46	
					227						281		
2	202	907	503	5	177	50	256	553	557	5	231	50	
TOTALS	437	364				96	294	915				96	
	294	915										96	
Dif. Elev.	+142	449	CM									192	Meters.
PID #1													P.I.D. #1

T JM

WEATHER Windy Sunny INST. NO. 25234

TIME 10:30 To 11:00 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE MAR 9 '65

JOB NO. 0301.06

SURVEY OF LA County Pyramid Level Net

SURVEY BY JM NOTES Beers

INDEXED C. J. GALLI DATE

C.B. 3173 PG. 170

PALMDALE IRRIGATION

Notes Ck'd by	Survey of DIST. RESERVOIR
Map No.	JN 030106 Tape 144 (M-3) Std 64 °F
Office Work	Surveyed by FULTON
Checked	Notes J.F. Date 2-9-66
Date	Indexed C. J. GALLI MAR 30 '66

F. B. 3173 PG. 171

PALMDALE IRRIGATION DISTRICT RESERVOIR

J.N. 030106

(RE-CHAINED FEB. 9, '66)

ECC TIES

PALMDALE IRR DIST. #4 TO P.R. #1

" " " #1 TO P.R. #4

INDEX PG. 6-8

FULTON
RANDALL
JONES
PYLE
MANLEY
TULLIER

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76F309S CE #310 6-53

F.B 3173 PG 172

PAL A-9

SEE F.B. 3173-15 & R4

PR Nº 1

SEE F.B. 3173 PG 31 & 124

396.04

PID #4

SEE F.B. 3173-29 & 124

T = 66°

120.730 MTRS. = 396.10 FT. @ ELEV. = 396.05 } 396.04

300' TAPE 396.08 @ ELEV. = 396.03

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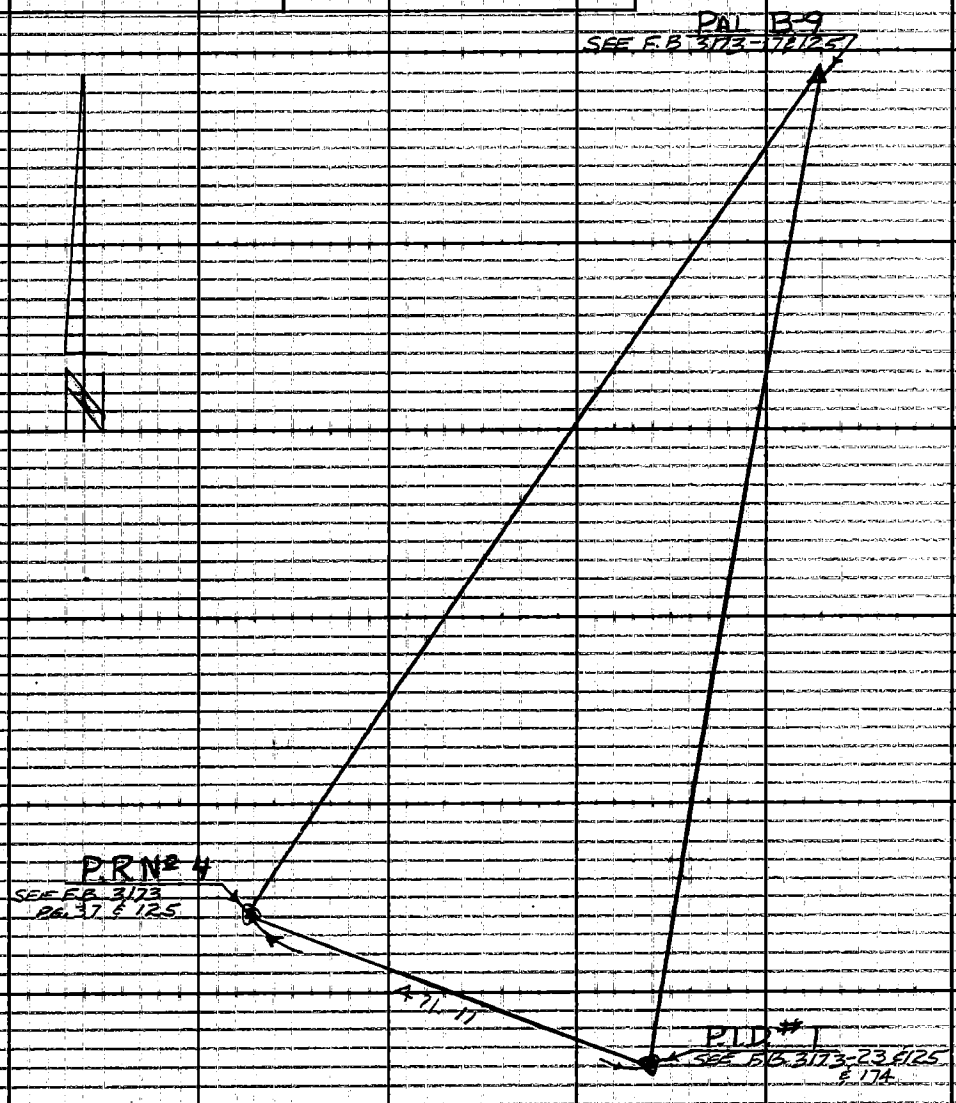
Notes Ck'd by	Survey of PAL IRR. DIST. RES.	F. B. 3173 PG. 173
Map No.	JN 0301.06 Tape M-37 (144) Std 84 °F	
Office Work	Surveyed by FULTON	
Checked	Notes J.F. Date 2-9-66	
Date	Indexed G. J. GALLY	



T = 50°

471.21 @ Lev = 471.11 (Meter Tape Nº. M-37)

471.20 @ Lev = 471.10 (300 ft. Tape Nº. 144)

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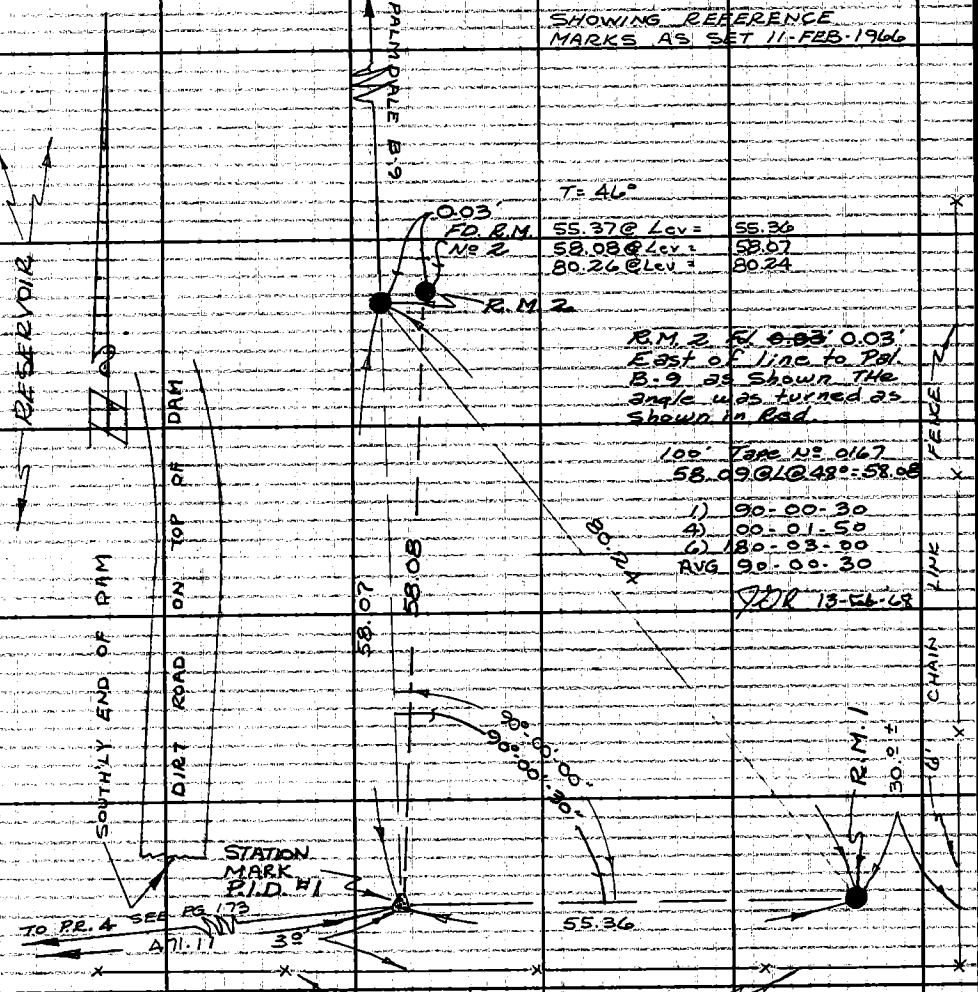
76F3095 CE #310 6-63

F.B. 3173 PG. 174

P.I.D. No. 1

SHOWING REFERENCE MARKS AS SET 11-FEB-1966



FD. R.M. No 2	55.37 @ Lev =	55.36
	58.08 @ Lev =	58.07
	80.26 @ Lev =	80.24

R.M. 2 ~~E. 0.03'~~ 0.03' East of line to Pol. B.9 as shown. The angle was turned as shown in Red.

100' Tape No. 0167
58.09 @ L @ 48° = 58.08

1) 90-00-30
4) 00-01-50
6) 180-03-00
AVG 90-00-30

JDR 13-Feb-68

NOTE:

FOR STATION DESCRIPTION AND ROUTE SEE F.B. 3173-23 & 24 also 125.

REFERENCE MARKS:

R.M. 1: SET 4" BRASS DISK, IN 6" CONC POST, FLUSH, AND STAMPED: R.M. 1, P.I.D. 1, 1966, L.A.CO. ENGR. R.E. 5869.

R.M. 2: SET A 4" BRASS DISK, IN A 6" CONC POST, UP 3", AND STAMPED: R.M. 2, P.I.D. 1, 1966, L.A.CO. ENGR. R.E. 5869.

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.06 Tape 136 Std 84 °F
Office Work	Surveyed by FULTON
Checked	Notes L. W. JONES Date 3-14-66
Date	Indexed C. J. GALLI

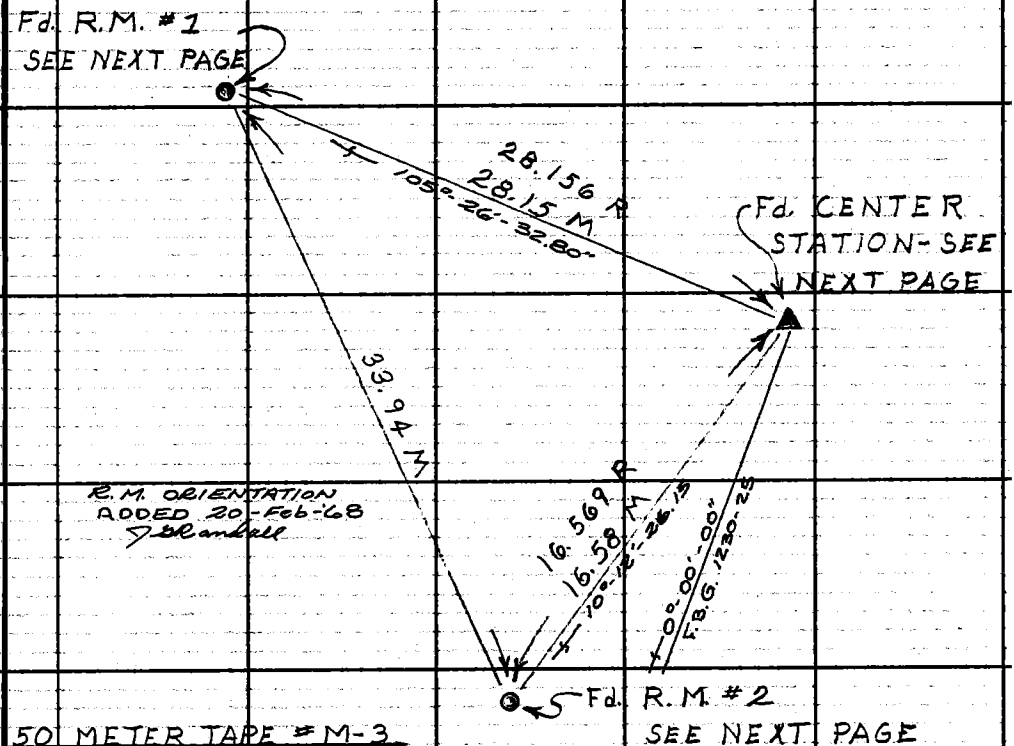
F. B. 3173 PG. 175

L. A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

PALMDALE D-11

YAK



50 METER TAPE # M-3

5.058 @ 0°00' @ T-70° = 16.58
8.579 @ 0°00' @ T-70° = 28.15
10.346 @ 0°00' @ T-70° = 33.94

300 FT. TAPE # 136

16.58 @ 0°00' @ T-70° = 16.58
28.15 @ 0°00' @ T-70° = 28.15
33.94 @ 0°00' @ T-70° = 33.94

To: Palmdale A-13 F.B. 3173-11

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76F3095 CE #310 6-62

F. B. 3173 PG. 176

DESCRIPTION

L.A. COUNTY TRIANGULATION STATION

PALMDALE D-11

U.S.C. & G.S. "YAK"

ROUTE

This Station is in Los Angeles County Near Palmdale. It is in the North West Portion of Section 12, R12W-T5N on top of a small narrow ridge of decomposed granite and sand. This station can be reached by taking the Littlerock cutoff from Highway # 14 when proceading North, Proceed North 0.8 Mile To a fenced road ON Left side of road, Pass around fence and Proceed 0.50 Mile North Westerly on traveled track to the end. From this point hike 150 Yds North Westerly up a Narrow ridge to the station.

STATION MARK

A 4 inch brass cap set in the top of a tile pipe which is 6 inches in diameter. Mon. is stamped "YAK 1938" U.S.C. & G.S.

REFERENCE MARKS

No. 1 is stamped "YAK No. 1 1938", set in top of a 6 inch tile pipe up 3 inches.

No. 2 is stamped "YAK No. 2 1938-1958", brazed to the top of a 2 inch iron pipe and is up 7 inches.

NOTE

For additional information see F.B. 3173, Pages 13 & 14 and U.S.C. & G.S Horizonal Control DATA Calif. Vol XVI Page 453

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6 PALMDALE RESERVOIR

JOB NO. 0301.02 ~~SURVEY OF L.A. CO. PRECISE LEVEL NET~~

F.B. 3173 PG. 177

SURVEY BY DREIER WEATHER INST. NO.

NOTES BY DATE MARCH 1966 TIME ROD NO.

INDEXED C. J. GALLE DATE MAR 3 0 '66 NOTES CHKD DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM TO
									PALMDALE IRRIGATION DIST. RESERVOI
									JOB NO. 0301.06
									PRECISE LEVELS MARCH 1966
									PAGES 179 TO 220
									DREIER
									RODRIGUEZ, R.J
									WILL
									ALVEREZ

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THIS SHEET MUST BE MADE OR
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NAME OF PERSON MAKING CHANGE

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76P526 CE # 308 3-61

F.B. 3173 PG. 178 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY _____ NOTES _____

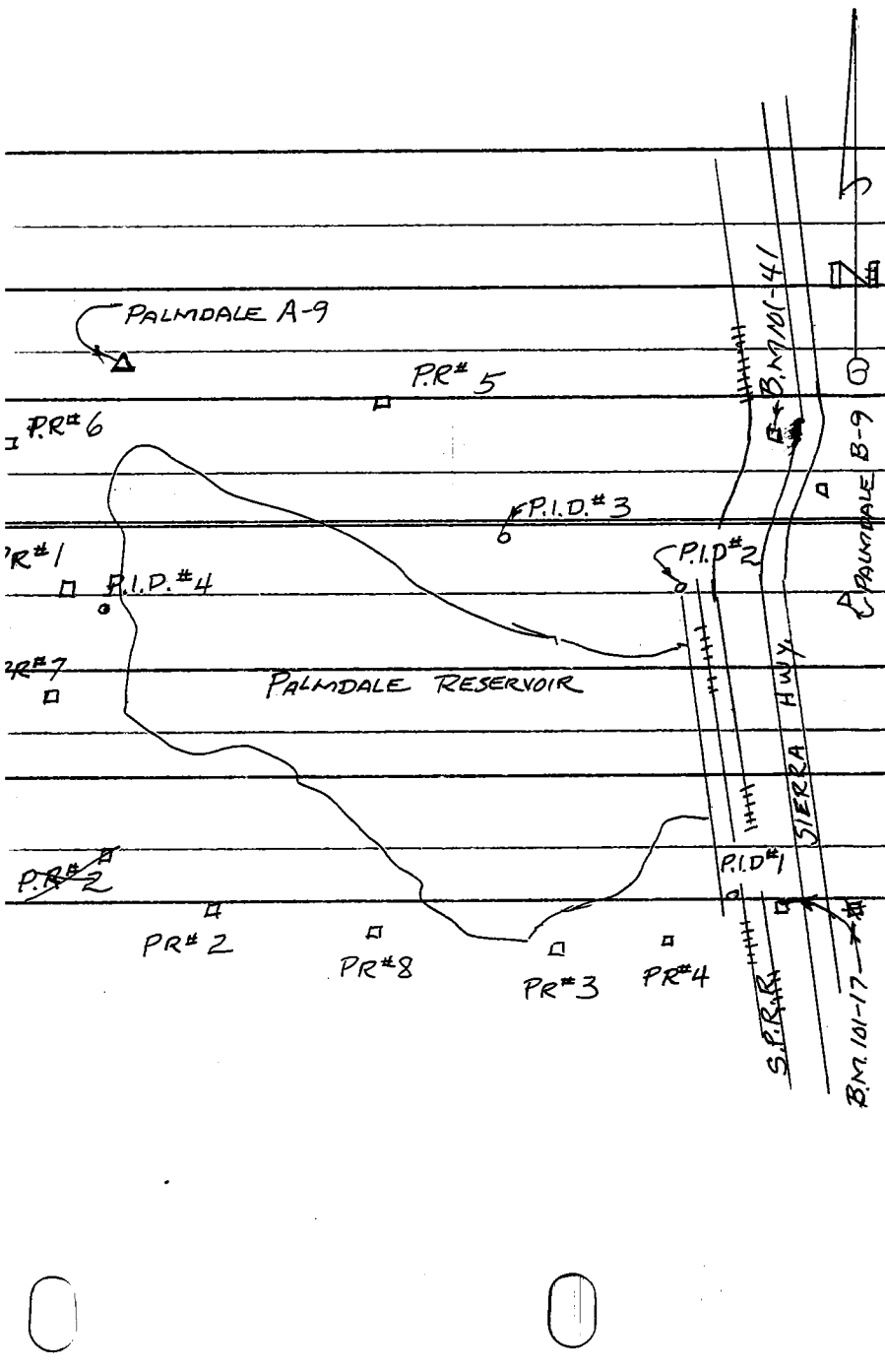
INDEXED C. J. GALLI DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____



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76P526 CE # 308 3-61

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[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

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JOB NO. 0301.02 6 PALMDALE RESERVOIR SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 3-21-66 TIME 9:15 to 9:40 WEATHER CLEAR WINDY INST. NO. 967
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE ROD NO. 98[illegible]
F.B. 3173 PG. 179

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-17 TO BM 101-27
B.M. 101-17									B.M. 101-17 (D 429)
1	54	690	355 5	78 30 48	204	658	505 5	227 181 46	
					54	690		48	
					149	968		94	
B.M. 101-19	51	452	352 5	74 28 46					B.M. 101-19 (B 429)
1					231	118	532 5	254 208 46	
								46	
					51	452		92	
					179	666			
B.M. 101-21									B.M. 101-21 (Z-428)
1	61	112	362 5	85 37 48	157	952	458 5	182 132 50	
					61	112		48	
					96	840		98	
B.M. 101-23									B.M. 101-23 (X 428)
1	53	108	354 5	76 30 46	192	610	493 5	215 169 46	
					53	108		46	
					139	502		92	← Return Pg 185
B.M. 101-25									M. B. 101-25 (V 428)
1	148	563	449 5	167 129 38	169	539	470 5	186 ~~169~~ 153 33	
					148	563		38	
					20	976		71	~~← Return Pg 185~~
B.M. 101-27									B.M. 101-27 (U-487)

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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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M.101-27 TO B.M.101-17
B.M.101-27									B.M. 101-27 (U-487)
1	172	598	473 5	189 / 155 34	151	710	452 5	170 / 132 38	
	151	710						34	
	+ 20	888						72	
B.M.101-25	193	077	494 5	216 / 170 46	53	709	354 5	76 / 30 46	B.M.101-25 (V 428)
1	53	709						46	
	+ 139	368						92	
B.M.101-23	+								B.M. 101-23 (X 428)
1	158	047	459 5	184 / 132 52	61	083	362 5	85 / 37 48	
	61	083						52	
	+ 96	964						100	
B.M.101-21									B.M. 101-21 (Z-428)
1	233	933	534 5	256 / 210 46	54	358	355 5	77 / 31 46	
	54	358						46	
	+ 179	575						92	
B.M.101-19									B.M. 101-19 (B-429)
1	193	809	494 5	216 / 170 46	43	834	344 5	67 / 19 48	
	43	834						46	
	149	965						94	
B.M.101-17									B.M. 101-17

WEATHER CLEAR WINDY INST. NO. 96716

TIME 11:30 TO 12:00 ROD NO. 9819

NOTES CHKD: [illegible] DATE MAR 31 '66

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-21-66

INDEXED C. J. GALLI DATE

F.B. 3173 PG. 180

76P526 CE # 308 3-61

283
237

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JOB NO. 0301.02 6 PALMDALE RESERVOIR SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 3-21-66
INDEXED C. J. GALLI DATE
WEATHER CLEAR WINDY
TIME 9:48 to 1:15
NOTES CHKD [illegible] DATE MAR 31 '66
INST. NO. 9671
ROD NO. 9 [illegible]
F.B. 3173 PG. 181

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 101-27 TO 101-37
B.M. 101-27									B.M. 101-27 (U-487)
1	185	508	486 5	196	98	729	399 5	110	
	98	729		174 22				86 24	
	− 86	679						22	
								46	Re-run Pg 185
B.M. 101-29									B.M. 101-29 (V 487)
1	137	149	438 5	150	80	978	381 5	93	
	− 80	978		124 26				67 26	
	+ 56	171						26	Re-run Pg. 185
								52	
B.M. 101-31	145	873	446 5	157	167	841	468 5	180	B.M. 101-31 (W 487)
1				133 24	+ 145	873		154 26	
					− 21	968		24	
								50	
B.M. 101-33									B.M. 101-33 (Y-428)
1	160	257	461 5	172	148	451	449 5	158	
	148	451		148 24				138 20	
	+ 11	806						24	
								44	
B.M. 101-35									B.M. 101-35 (Q-428)
1	132	351	433	156	186	491	487 5	210	
				108 48	132	351		162 48	
					− 54	140		48	
								96	
B.M. 101-37									B.M. 101-37 (N-428)

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INST. NO. 96716 ROD NO. 98 19 DATE MAR 31 '88

WEATHER CLEAR TIME 11:00 TO 11:30 NOTES CHKD.

JOB NO. 030106 NOTES DREIER 3-21-66 DATE

SURVEY OF PALM DALE RESERVOIR

SURVEY BY DREIER

INDEXED C. J. GALLE

F.B. 3173 PG. 182

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 101-37 TO B.M. 101-27
B.M. 101-37											B.M. 101-37 (N-428)
1	194	772	495	5	218 / 170	140	668	441	5	164 / 116	48
	140	668									48
+	54	104									96
B.M. 101-35											B.M. 101-35 (Q-428)
1	153	802	454	5	164 / 142	165	624	466	5	176 / 154	22
						153	802				22
						- 11	822				44
B.M. 101-33											B.M. 101-33 (Y 487)
1	167	258	468	5	180 / 154	145	351	446	5	158 / 132	26
	- 145	351									26
+	21	907									52
B.M. 101-31											B.M. 101-31 (W 487)
1	89	592	390	5	102 / 76	145	648	446	5	158 / 132	26
						89	592				26
						- 56	056				52
											← Re-run pg 185
B.M. 101-29											B.M. 101-29 (V-487)
1	100	649	401	5	112 / 88	187	466	488	5	199 / 175	24
						100	649				24
						- 86	817				48
B.M. 101-27											B.M. 101-27 V-487

76P526 CE # 308 3-61

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 101-37 TO B.M. 101-41
B.M. 101-37									B.M. 101-37
1	260	364	561 5	283 237 44	44	758	345 5	66 22 44	
2	244	159	545 5	259 230 29	96	173	397 5	114 78 36	
				73				80	
B.M. 101-39								73	B.M. 101-39 (VOIR #2 1947
	504	523			140	931		153	
−	140	931							
+	363	592							
	134	572	435 5	145 124 21	263	061	564 5	275 251 24	
								21	
				+	134	572		45	
				−	128	489			
B.M. 101-41									B.M. 101-41 (J-811)

JOB NO. 0301.06 PALMDALE RESERVOIR
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
WEATHER CLEAR
INST. NO. 96716
NOTES BY G.E. DREIER DATE 3-21-66 TIME 11:15 AM 11:35 ROD NO. 989
INDEXED C. J. GALLI DATE
NOTES CHKD [illegible] DATE
F.B. 3173 PG. 183

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 101-41 TO B.M. 101-37
B.M. 101-41									B.M. 101-41 (J-811)
1	252	063	553	263	123	498	424 5	135	24
	123	48		240 23				111	23
	+ 128	5							47
B.M. 101-39									B.M. 101-39 1/OIR 2
1	88	852	389 5	108	~~237~~	~~951~~	~~538 5~~	~~250~~	
				68 40	267	061	568 5	224 26	
								286	
								248 38	
2	44	179	345 5	62	229	483	530 5	252	45
				26 36				207	83
				76					76
	133	031			- 496	544			159
B.M. 101-37					+ 133	031			B.M. 101-37 (N-428)
					- 363	513			
1									

WEATHER CLEAR INST. NO. 96716
TIME 10:40 TO 11:00 ROD NO. 9819
NOTES CHKD [signature] DATE MAR 31 '66

F.B. 3173 PG. 184 JOB NO. 0301.06
SURVEY OF PALMDALE RESERVOIR
SURVEY BY DREIER NOTES DREIER 3-21-66
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

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RERUNS

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM / TO
B.M.101-31									B.M. 101-31 (W 487)
1	91	429	392	104 / 78 26	147	505	448 5	160 / 134 26	
					91	429		26	TO
					-56	076		52	
				CH					
B.M. 101-29									B.M. 101-29 (V 487)
1	190	904	491 5	202 / 78 24	104	155	405 5	116 / 92 24	
	104	155						24	TO
B.M.101-27	+86	749						48	B.M. 101-27 (U 487)
				CH					
B.M.101-25									B.M.101-25 (V 428)
1	66	872	367 5	89 / 43 46	206	376	507 5	229 / 183 46	
					66	872		46	TO
					-139	504		92	
B.M.105-23									B.M.101-23 (X 428)
				CH					
B.M.101-29									B.M.101-29 (V 487)
1	143	373	444 5	156 / 130 26	87	275	388 5	100 / 74 26	TO
	87	275						26	
B.M.101-31	+56	098						52	B.M 101-31 (W 487)
				CH					
B.M.101-25									B.M.101-25 (V 428)
1	191	686	492 5	214 / 168 46	52	121	353 5	75 / 29 46	TO
B.M.101-23	52	121						46	B.M.101-23 (X 428)
	+139	565						92	

JOB NO. 0301.02 PALMDALE RESERVOIR
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY GEORGE DREIER
NOTES BY ~~K. STOCKWELL~~ DREIER DATE ~~3-21-66~~
INDEXED C. J. GALLI DATE
WEATHER CLEAR
TIME 11:00 TO 12:00
NOTES CHKD DATE MAR 31 1966
INST. NO 26714
ROD NO 9812
F.B. 3173 PG. 164

F.B. 3173 PG. 186 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY _____ NOTES _____

INDEXED C. J. GALLI DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____
31							
91							

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 101-41 TO P.I.D. #2
B.M. 101-41	H				132								BM 101-41 (J-811)
1	110	038	405	5	89	43	51	505	352	5	½ 75 51	48	
2	276	190	577	5	281 271	10 53	4	386	305	5	½ 10 4	12 60	
3	280	383	581	5	283 278	5 58	35	241	336	5	38 32	6 66	
4	191	740	492	5	201 182	19 77	98	651	399	5	104 92	12 78	⊼ G. DREIER
P.I.D. #2												77	P.I.D. #2
	858	351					189	783				155	
	189	783											
	+ 668	568											

JOB NO. 0301.02 6 PALMDALE RESERVOIR SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER
NOTES BY R.J. Rodriguez DATE 3-21-66 WEATHER Clear-windy INST. NO. 9671
INDEXED C. J. GALLI DATE TIME 1:15 TO 1:50 ROD NO. 9013
NOTES CHKD [illegible] DATE MAR 31 19[illegible]

F.B. 3173 PG. 18[illegible]

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM PID 2 TO BM 101-~~51~~
BM PID #2													BM PID #2
1.	35	066	336	5	46 ~~34~~	22	289	403	590	5	300 278	22	
2.	8	482	309	5	11 5	6	287	055	588	5	290 284	6	
3	63	153	364	5	71 55	28 16	284 ~~283~~	599	585	5	292 275	28 17	π G.E. DREIER
4	102	280	403	5	124 81	44 43	16	374	317	5	40 ½ 16	~~45~~ 48	
						87						93	
												87	
	208	981					877	431				180	BM 101-~~14~~ 41
							208	981					
							~~668~~	~~450~~					
							- 668	450					

WEATHER Clear-Windy INST. NO. 98716

TIME 1:50 TO 2:30 ROD NO. 9119

NOTES CHKD [signature] DATE MAR 31 '66

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES Rendriguez 3-23-66

INDEXED G. J. GAND DATE

F.B. 3173 PG. 188

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Dreier
NOTES BY Rodriguez R.J. DATE 3-21-66
INDEXED C. J. Gall DATE
NOTES CHKD DATE MAR 31 '66
WEATHER Clear Hillcrest INST. NO. 5676
TIME 1:50 To 2:10 ROD NO. 7119
G. PALMDALE RESERVOIR
F.B. 3173 PG. 189

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													From P.I.D #2 To P.I.D #3
P.I.D #2													P.I.D #2
1.	45	396	346	5	84 ½ 45	78	239	767	540	5	278 200	78	
2.	140	022	342	5	179 103	76	148	052	449	5	186 110	76	
3	157	549	458	5	173 142	154 31	9	435	310	5	23 9	154 28	
4	234	069	535	5	238 231	185 7	73	525	374	5	78 68	182 10	G.E. T = DREIER
						192						192	
P.I.D #3												192	P.I.D #3
	578	086					470	779				384	
	470	779											
+	~~108~~	~~247~~											
	167	257											

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM PID #3 TO BM PID #2
BM PID #3													BM PID #3
1.	13	330	314	5	19 6	13	298	853	599	5	1/2 298 292	12	
~~2~~	~~298~~		~~599~~										
2	130	758	431	5	173 87	86	139	050	440	5	182 96	86	π G.E. DREIER
3	182	321	483	5	229 135	99 94	41	791	342	5	1/2 86 41	98 90	
4	142	550	443	5	144 140	193 4	96	500	397	5	100 93	188 7	
						197 ✓						195 ✓	
												197 ✓	
BM PID #2	468	959 ✓					576	194 ✓				392 ✓	BM PID #2
							468	959 ✓					
							107	235 ✓					

F.B. 3773 PG. 190 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES [illegible] 3-23-66

INDEXED C. J. GALLI DATE

WEATHER Cloudy-Windy INST. NO. 96716

TIME 1:20 TO 1:50 ROD NO. 9 & 18

NOTES CHKD [illegible] DATE MAR 31 '66

76P526 CE # 308 3-61

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM P.I.D #3 TO BM PR #5
P.I.D #3					29						275		P.I.D #3
1.	14	742	315	5	0	29	295	195	596	5	½ 279	32	
					193						222		
2.	152	285	453	5	110	83	179	065	480	5	136	86	
						112					42	118	
3.	297	210	598	5	297 ½ 273	48	21	863	322	5	1	41	
					278	160					81	159	
4	268	054	569	5	258	20	71	376	372	5	60	21	
			456		112	180					191	180	
5	155	590	~~458~~	5	198	86	148	463	449	5	106	85	
						266					120	265	T DREIER G.E
~~BM PR #5~~ 6	174	613	475	5	179 169	10	114	000	415	5	109	11	
						276	✓					276 ✓	~~BM PR #5~~
BM PR #5												~~276~~	BM PR #5
	1062	494	✓				829	962 ✓				~~552~~	
	829	962	✓									276 ✓	
+	232	532	✓									552 ✓	

JOB NO. 0301.02 6 PALMDALE RESERVOIR
SURVEY BY C.E. SURVEY OF L.A. CO. PRECISE LEVEL NET
NOTES BY Dreier
C.E. DATE 3-21-66
INDEXED DATE
WEATHER Clear/windy TIME 2:10 TO 2:50 INST. NO. 26776
ROD NO. 9119
NOTES CHKD DATE
F.B. 3173 PG. 191

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM PR#5 TO PID #3
BM PR#5													BM PR #5
					229						287		
1.	208	182	509	5	187	42	266	910	567	5	244	43	
					~~193~~								
~~2.~~	~~157~~	~~082~~	~~458~~	~~5~~	~~121~~	~~72~~							
					112	44							
2	79	893	380	5	46	66	292	038	593	5	½ 292 / 259	64	
						108						109	TT.G.E. DREIER
					29						287		
3	19	859	320	5	9	20	277	823	578	5	266	21	
					212	128					236	130	
4	169	950	470	5	126	86	192	910	493	5	148	88	
					267	214					111	218	
5	253	250	554	5	238	29	98	888	399	5	86	25	
					286	243					121	243	
6	281	055	582	5	276	10	116	198	417	5	110	11	
						253						254 ✓	
												253 ✓	
BM P.I.D #3	1012	189	✓				1244	767	✓			507 ✓	BM P.I.D #3
							1012	189	✓				
							232	578	✓				

WEATHER Cloudy-Windy INST. NO.
TIME 10:25 TO 12:00 ROD NO.
NOTES CHKD. DATE MAR 31 '06
JOB NO. 030'06
SURVEY OF PALMDALE RESERVOIR
SURVEY BY DREYER NOTES Rodriguez 3-23-06
INDEXED C. J. GALLI DATE
B. 5173 PG. 192

76P526 CE # 308 3-61

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JOB NO. 0301.0 PALMDALE RESERVOIR
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C.F. DEEER
NOTES BY D. DIGUCI R.J. DATE 3-21-66
WEATHER Clear & windy INST. NO. 26776
TIME 7:50 TO 3:15 ROD NO. 7011
INDEXED C.F. DEEER DATE
NOTES CHKD DATE
F.B. 3173 PG. 193

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM PR#5 TO BM ~~PR#6, PR#9~~
BM PR#5					261				380		122		BM PR#5
1.	220	544	521	5	179	82	79	521	~~320~~	5	36	84	
					281						72		
2.	281	410	582	5	1/2 205	52	46	213	347	5	20	52	
					267	134					46	136	
3	259	308	560	5	251	16	38	900	339	5	29	17	
					260	150					41	153	
4	254	666	555		248	12	36	275	337	5	31	10	
					184	162					132	163	
5	182	000	483	5	180	4	130	800	431	5	128	4	
						166	✓					167 ✓	
												166 ✓	
~~BM PR#5~~ PALMDALE BM A9									✓				~~BM PR#5~~ PALMDALE BM A-9
	1197	928 ✓					331	709			333	✓	
	331	709 ✓											
→													
+	866	219 ✓											

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F.B. 3173 PG. 194 JOB NO. 0301.06
SURVEY OF PALMDALE RESERVOIR
SURVEY BY DREIER NOTES RJ Rodriguez 3-23-66
INDEXED C. J. (illegible) DATE
WEATHER Cloudy windy INST. NO. 76 Tile
TIME 10:50 TO 11:25 ROD NO. 9 & 14
NOTES CHKD. (illegible) DATE MAR 3 1966

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM ~~PALMDALE~~ BM A-9 TO BM PR #5
PALMDALE BM PR A-9													PALMDALE BM PR A-9
					18						290		
1	12	230	313	5	6	12	284	682	585	5	277	13	
					26						229		
2	20	098	321	5	14	12	223	242	524	5	217	12	
	26				58	24					300	25	
3	~~098~~	058	327	5	½ 26	64	300	786	601	5	½ 267	66	TAG.E. DREIER
					103	88					219	91	
4	67	175	368	5	30	73	183	530	484	5	147	72	
						161						163 ✓	
												161 ✓	
~~BM PR #5~~	~~183~~		~~484~~	~~5~~			~~183~~		~~484~~			~~324~~	~~BM PR #5~~
BM PR #5													BM PR #5
	125	561 ✓					992	040 ✓				324	
							125	561 ✓					
							−866	479 ✓					

76P526 CE # 308 3-61

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866.399

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JOB NO. 0301.02 6 PALMDALE RESERVOIR SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY R. Rodriguez DATE 3-24-66 TIME 11:15 TO 11:45 WEATHER Cloudy & Windy INST. NO. 96716 ROD NO. 9819
INDEXED C. J. GALLE DATE NOTES CHKD DATE MAR 31 '66
F.B. 3173 PG. 195

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM A-9 TO PR 5
A-9													BM A-9.
1.	26	457	327	5	31 18	13	289	752	590	5	296 282	14	
2	12	649	313	5	23 1	22	294	368 ~~340~~	595	5	303 284	19	T. G. E. DREIER
3	5	621	306	5	22 1/2 5	35 34	300	313	601	5	300 1/2 282	33 36	
4	21	403	322	5	44 1/2 21	69 46	95	323	396	5	118 72	69 46	
5	24	676	325	5	47 1/2 24	115 46	7	230	308	5	28 1/2 7	115 42	
6	163	713	464	5	164 161	161 3	133	651	434	5	137 129	157 8	
PR #5						164						165 164	PR #5
	254	519					1120	637				329	
							254	519					
							866	118					

F.B. 3173 PG. 196 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY C. J. GALL NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD. DATE

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO

76P526 CE # 308 3-61

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JOB NO. 0301.02 6 PALMDALE RESERVOIR
SURVEY BY G.E. DREIER
NOTES BY R.J. Rodriguez DATE 3-22-66
INDEXED C. J. GALLE DATE
WEATHER Clear & Windy INST. NO. 96719
TIME 8:50 To 4:50 ROD NO. 9819
NOTES CHKD [illegible] DATE MAR 31 '66

F.B. 3173 PG. 197

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM PR# A-9 TO BM PR#6
PALMDALE BM A-9					22						299		PALMDALE BM PR# A-9
1	9	700	310	5	½ 9	26	285	718	586	5	271	28	
					55						292		
2	43	820	344	5	31	24	292	637	593	5	½ 280	24	
					35	50					277	52	
3	31	343	332	5	27	8	272	383	573	5	268	9	
					14	58					291	61	
4	9	190	310	5	5	9	286	020	587	5	281	10	
					½ 20	67					212	71	⊼ G. E. DREIER
5	9	142	310	5	9	22	203	009	504	5	194	18	
					104	89					254	89	
6	88	025	389	5	72	32	237	110	538	5	221	33	
					70	121					226	122	
7	51	063	352	5	32	28	206	000	507	5	187	39	
					269	159					57	161	
8	241	000	542	5	213	56	30	787	331	5	½ 30	54	
						215 ✓						215 ✓	
												215 ✓	
BM PR#6	483	283 ✓					1813	664 ✓				430 ✓	BM PR#6
							483	283 ✓					
							1330	381 ✓					

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM PR#6 TO BM A-9
BM PR#6									BM PR#6
1.	153	647	454 5	108 / 108 90	52	534	353 5	94 / 1/2 ~~84~~ 52 84 ~~88~~	
2.	255	585	556 5	271 / 238 33	18	462	319 5	35 / 2 33	
3.	246	925	547 5	253 / 239 123 / 14	8	100	309 5	16 / 1 117 / 15	
4	272	814	573 5	278 / 266 137 / 12	8	922	309 5	16 / 0 132 / 16	
5	289	750	590 5	303 / 275 149 / 28	5	277	306 5	19 / 1/2 5 148 / 28	⊼ G.E. DREIER
6	220	606	521 5	228 / 212 16	15	942	316 5	24 / 7 17	
				193				193	
BM-A-9								193	BM A-9
	1439	327			109	237		386	
	109	237							
	+1330	090							

F.B. 3173 PG. 198 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES R.J. Rodriguez 3-23-66

INDEXED C. J. GALL DATE

WEATHER Cloudy Windy INST. NO. 96716

TIME 10:15 To 10:50 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-61

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JOB NO. 0301.02 6 PALMDALE RESERVOIR SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER Cloudy-Windy INST. NO. 98716

NOTES BY R Rodriguez DATE 3-24-66 TIME 9:55 To 10:30 ROD NO. 9019

INDEXED G J CALLY DATE NOTES CHKD [signature] DATE MAR 31 '66

F.B. 3173 PG. 199

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM A-9 TO PR 6
BM A-9													BM A-9
					19						294		
1.	9	558	310	5	½ 9	20	284	041	585	5	274	20	
					47						297		
2	37	940	338	5	27	20	287	050	588	5	277	20	
					29	40					297	40	
3	16	624	317	5	6	19	297	490	598	5	½ 287	20	⊼ = G.E. DREIER
					7	59					298	60	
4	2	461	303	5	½ 2	10	293	575	594	5	288	10	
					53	69					241	70	
5	37	454	338	5	21	32	226	430	527	5	211	30	
					185	101					216	100	
6	164	392	465	5	142	43	195	500	496	5	174	42	
						144						142	
					192			682			204		
7	166	125	467	5	140	52	180	~~168~~	481	5	156	48	
						196	✓					190 ✓	
												196	BM PR #6
BM PR #6	434	554 ✓					1764	768 ✓				386 ✓	
							434	554 ✓					
							1330	214 ✓					

1330
1202

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WEATHER Cloudy-windy INST. NO. 26716
TIME 10:30 To 11:15 ROD NO. 7819
NOTES CHKD. DATE MAR 31 '66

SURVEY OF PALMDALE RESERVOIR
SURVEY BY G.E.D. NOTES R.Rodriguez 3-24-66
INDEXED C. J. GALLI DATE
JOB NO. 0301.06
F.B. 3173 PG. 200

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From PR#6 To A-9
PR#6													PR#6
					199						184		
1.	174	653	475	5	149	50	159	585	360	5	134	50	
					270						169		
2.	243	629	544	5	216	54	141	892	442	5	112	57	
					212	104					1/2 11	107	T-G.E.DREIER
3	202	550	503	5	192	20	3	245	304	5	3	16	
					302	124					1/2 10	123	
4	297	322	598	5	291	11	3	457	304	5	3	14	
					292	135					24	137	
5	287	670	588	5	282	10	19	603	320	5	14	10	
					1/2 295	145					1/2 18	147	
6.	295	447	596	5	283	24	7	283	308	5	7	22	
					249	169					86	169	
7	240	528	541	5	231	18	76	900	377	5	67	19	
						187						188	
A-9												187	A-9
	1741	999					411	965				375	
	411	965											
+	1330	034											

76P526 CE # 308 3-61

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JOB NO. 0301.02 6 PALMDALE RESERVOIR
SURVEY BY G.E. DREIER SURVEY OF L.A. CO. PRECISE LEVEL NET
NOTES BY R. RODRIGUEZ DATE 3-22-66 WEATHER Clear-windy INST. NO. 96716
TIME 9:50 TO 10:10 ROD. NO. 9819
INDEXED C. J. GALLI DATE NOTES CHKD DATE MAR 31 '66

F.B. 3173 PG. 201

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM PR #4 TO BM PR #1
BM PR #4					42						221		BM PR #4
1	17	375	318	5	½ 17	50	196	292	497	5	171	50	
					171						176		
2	144	711	445	5	117	54	148	612	449	5	121	55	
					181	104					54	105	
3	149	854	450	5	117	64	28	935	329	5	½ 28	62	
					184	168						167	
4	169	650	470	5	154	30	62	129	363	5	78	32	✓
						198					46	199	✓
BM PR #1												198	BM PR #1
	481	590	✓				435	968	✓			397	✓
	435	968	✓										
+	45	622	✓										

T G.E. Dreier

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

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STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM PR#1 TO BM PR#6
BM PR#1							BM PR#1
1.	14 344	315 5	½ 61 14 94	247 252	548 5	296 198 98	
2.	191 578	492 5	237 145 92 186	4 320	305 5	½ 52 4 96 194 186 380	
BM PR#1	205 922			251 572 205 922 45 650			BM PR#1

T. G.E. DREIER

WEATHER Cloudy windy INST. NO. 96716

TIME 10:10 TO 10:15 ROD NO. 9 & 19

NOTES CHKD. [illegible] DATE MAR 31 '06

SURVEY OF PALMDALE RESERVOIR JOB NO. 0301.06

SURVEY BY DREIER NOTES RJ Rodriguez 3-23-06

INDEXED C. J. CALL DATE

F.B. 3173 PG. 202

6 PALMDALE RESERVOIR

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET

F.B. 3173 PG. 203

SURVEY BY G.E. DREIER WEATHER Clear & Wind INST. NO. 96714

NOTES BY R. Rodriguez DATE 3-22-66 TIME 10:10 to 10:25 ROD NO. 9919

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE MAR 31 '66

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM PR#1 TO BM PID #4
BM PR#1									BM PR#1
1	29	416	330 5	47 12 35	207	610	508 5	229 189 35	
				204				211	
2	191	491	492 5	177 27	197	310	498 5	183 28	
				62				63	
					404	920		62	
BM PID #4	220	907			220	907		125	BM PID #4
					184	013			

T G.E. DREIER

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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.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM PID #4 TO BM PR#1
BM PID#4			291			106	BM PID #4
1.	260 020	561 5	½ 260 62	75 880	376 5	45 61	
BM PR#1						62	BM PR#1
	260 020	✓		75 880	✓	123	
	75 880	✓					
	+ 184 140	✓					

TGE

F.B. 3173 PG. 204

JOB NO 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES R.J. RODRIGUEZ 3-23-66

INDEXED C. J. GALLI DATE

WEATHER Cloudy/windy INST. NO. 96716

TIME 10:00 TO 10:10 ROD NO. 9 & 19

NOTES CHKD. DATE

76P526 CE # 308 3-61

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Do not extend notes this side of this line.

JOB NO. 0301.02 PALMDALE RESERVOIR
SURVEY BY G.E. DREIER
NOTES BY R. Rodriguez DATE 3-22-66
INDEXED C. J. GALLIS DATE MAR 30 '66
WEATHER Clear & windy INST. NO. 9671
TIME 10:25 To 10:40 ROD NO. 9119
NOTES CHKD [illegible] DATE MAR 31 '66
F.B. 3173 PG. 205

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM PID #4 TO BM PR #7
BM PID #4					285						179		BM PID #4
1	259	585	560	5	234	51	154	280	455	5	128	51	
					167						224		
2	134	310	435	5	101	66	191	325	492	5	158	66	
					190	117					124	117	
3	174	977	475	5	158	32	108	762	409	5	92	32	
					192	149					55	149	
4	181	435	482	5	170	22	44	078	345	5	32	23	✓
						171						172	✓
BM PR #7	750	307	✓				498	445	✓			171	✓ BM PR #7
−	498	445	✓									343	✓
+	251	862											

T G.E. DREIER

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM PR#7 TO BM PR#4
BM PR#7				46					BM PR#7
				10				215	
1.	10	236	311 5	½ 72	178	390	479 5	142 73	
				199				282 96	
2.	150	600	451 5	102 97	234	175	535 5	½ 234 48	
				169 ✓				169 ✓	
PR#4								169 ✓	P.I.D. 4
	160	836 ✓			412	565 ✓		338 ✓	⊼ G.E. DREIER
					160	836 ✓			
					-251	729 ✓			

F.B. 3173 PG. 206 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES Rodriguez R. 3-23-66

INDEXED C. J. [illegible] DATE

WEATHER Cloudy & Windy INST. NO. 96716

TIME 9:30 TO 9:50 ROD NO. 9419

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-61

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JOB NO. 0301.02 PALMDALE RESERVOIR
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY D. Radlsmer DATE 3-22-66 TIME 10:40 To 11:05 WEATHER Clear & Windy INST. NO. 96710
INDEXED C. GALL DATE NOTES CHKD. DATE MAR 31 '66 ROD NO. 9414
F.B. 3173 PG. 207

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM PR #7 TO BM PR # 2
BM PR#7					165						255		BM PR#7
1.	139	235	440	5	112	53	229	302	530	5	202	53	
					200	71					253		
2	165	603	466	5	129	~~71~~ 124	207	958	508	5	162	91	
					231						1/2 29	184	
3	215	582	516	5	198	33	12	479	313	5	12	34	T G.E. DREIER
						157						~~158~~ 125	
					1/2 296	~~101~~					82		
4	296	770	597	5	280	32	76	682	377	5	70	178	
						~~126~~						12	
						173						190	~~BM PR#~~ 2
~~BM PR#2~~													
~~5~~					70	189							
~~5~~	~~76~~	~~682~~	~~377~~	~~5~~	~~82~~	~~12~~							
					184	~~201~~	100	280			102		
5	181	117	482	5	178	6	~~280~~	~~401~~	401	5	97	5	
						195 ✓						195 ✓	
P.R#2												195 ✓	
	998	307 ✓					626	701 ✓				390 ✓	
	626	701 ✓											
+	371	606 ✓											

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM PR#2 TO BM PR#7
BM PR#2									BM PR#2
1	5	927	306 5	1/2 25 5 40	294	152	595 5	1/2 294 274 40	
2.	13	790	304 5	20 5 15	181	968	482 5	188 174 14	
3	155	980	456 5	192 55 118 74	146	781	447 5	183 54 108 75	
4	213	010	514 5	238 129 188 50	137	605	438 5	163 129 111 52	
5				179				181	
								179	
	~~58 607~~				760 506			360	
	388 707				388 707				
BM PR#7					~~371 799~~				BM PR#7
					371 799				

F.B. 3173 PG. 208 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES R.J. RODRIGUEZ 3-22-66

INDEXED C. J. GALLY DATE

WEATHER cloudy windy INST. NO. 96716

TIME 9:10 TO 9:30 ROD NO. 9819

NOTES CHKD [illegible] DATE MAR 31 '66

F.B. 3173 PG. 209

JOB NO. 0301.02 6 PALMDALE RESERVOIR SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER Clear-Windy INST. NO. 9671

NOTES BY G.E. DREIER DATE 3-22-66 TIME 11.30 TO 11.45 ROD NO. 9419

INDEXED E. J. GALLI DATE NOTES CHKD. [illegible] DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BMPR#2 TO BMPR#8
P.R #2									P.R. #2
1	145	002	446 5	194 98 96	203	743	504 5	250 156 94	
									R.J. RODRIGUEZ
2	146	709	448 5	166 126 40 136	71	346	372 5	92 50 42 136	
P.R #8								136	P.R. #8
	291	711			275	089		272	
	275	089							
	16	622							

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76P526 CE # 308 3-61

92
226

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403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM PR #8 TO PR #2
PR. #8									P.R #8
1	61	419	362 5	88 34 54	218	011	519 5	245 191 54	
2					~~119~~	~~401~~	~~420 5~~	~~168~~ ~~70~~	
	261	958	562 5	261 ½ 220 82	121	971	422 5	162 ½ 121 84	
				136				138	
P.R. #2								136	PR #2
	323	377			339	982		274	
					323	377			
					16	605			

F.B. 3173 PG. 210

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-23-66

INDEXED C. J. GALLI DATE

WEATHER THINOVERCAST INST. NO. 96716

TIME 8:45 TO 9:10 ROD NO. 9 & 19

NOTES CHKD [signature] DATE 3 31 '66

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.06 PALMDALE RESERVOIR
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 3-22-66
INDEXED C. J. GALLY DATE
WEATHER CLEAR WINDY
TIME 11:45 TO 12:10
NOTES CHKD DATE
ROD NO. 4 4 6
INST. NO. 96719
F.B. 3173 PG. 211

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM P.R. # 8 TO PR # 3
P.R 8													P.R. # 8
1	26	439	327	5	33 19	14	222	376	523	5	229 216	13	
2	41	826	342	5	53 29	24 38	198	964	499	5	210 186	24 37	
3	101	892	402	5	120 82	38 76	228	606	529	5	246 210	36 73	
4	62	398	363	5	90 33	57 133	143	841	444	5	172 114	58 131	
5	229	699	530	5	246 212	34 167	108	377	409	5	127 89	38 169	
6	218	173	519	5	240 196	44 211	50	562	351		74 26	48 217 211	P.R. # 3
PR # 3													
	680	427					952 680	726 427				428	
							272	299					

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.R. #3 TO PR #8
P.R. #3									P.R. #3
1	20	121	321 5	58 ½ 20 76	283	216	584 5	283 ½ 245 76	
2	109	171	410 5	140 78 62 138	57	727	358 5	88 26 62 138	
3	273	455	574 5	273 ½ 240 66 204	16	633	317 5	46 ½ 16 60 198	
4	236	908	537 5	230 24 16 215	9	726	310 5	17 ½ 9 16 214	
PR #8								215	P.R. #8
	639	655			367	302		429	
	367	302							
+	272	353							

F.B. 3173 PG. 212 JOB NO. 030106

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-22-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR WINDY INST. NO. 96716

TIME 2:45 3:10 ROD NO. 9819

NOTES CHKD [signature] DATE MAR 3 '66

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. P.R#3 TO P.R. # 4
P.R #3													PR #3
1	111	698	412	5	144 78	66	179	220	480	5	212 146	66	SEE F.B. 3173-35
2	161	297	452	5	194 129	65 131	164	960	465	5	196 132	64 130	
3	132	752	433		166 98	68 199	157	470	458	5	188 126	62 192	
P.R# 4												199	PR # 4
	405	7 547					501	650				391	
							405	747					
							95	903					

JOB NO. 0301.02 6 PALMDALE RESERVOIR SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER CLEAR WINDY INST. NO. 96716

NOTES BY G.E. DREIER DATE 3-22-66 TIME 1:20 TO 1:40 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAR 31 '66

F.B. 3173 PG. 213

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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.

WEATHER VERY WINDY INST. NO. 26776
TIME 2:20 TO 2:45 ROD NO. 9819
NOTES CHKD. DATE MAR 31 '66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.R.# 4 TO P.R.# 3
P.R #4									P.R. 4
1	158	810	459 5	189 127 62	134	248	435 5	168 100 68	
2	171	701	472 5	198 144 54 116	164	771	465 5	192 136 56 124	
3	172	347	473 5	212 132 80 196	198	073	409	144 72 72 196 ✓	
P.R #								196 ✓	
	502 858 ✓				407 092 ✓			392 ✓	
	407 092 ✓								
	+ 95766 ✓								

F.B. 3173 PG. 214 JOB NO. 03010B

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-22-66

INDEXED C. J. GATES DATE

6 PALMDALE RESERVOIR

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET

F.B. 3173 PG. 215

SURVEY BY G.E. DREIER WEATHER CLEAR VERY WINDY INST. NO. 96716

NOTES BY G.E. DREIER DATE 3-22-66 TIME 1:40 TO 1:50 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAR 31 '66

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM PR #4 TO P.I.D. #1
P.R. #4									PR #4
1	131	082	432 5	168 94 74	274	088	575 5	274 238 72	
2	94	689	395 5	104 84 20 94	214	022	515 5	225 203 22 94	
P.I.D. #1	225	771			488	110		94	P.I.D. #1
					225	771		188	
					262	339			

76P526 CE # 308 3-61

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Do not extend notes this side of this line.

WEATHER CLEAR VERY WINDY INST. NO. 96716
TIME 2:05 TO 2:15 ROD NO. 98-19
NOTES CHKD. DATE MAR 31 '66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #1 TO P.R. #4
P.I.D. #1									P.I.D. #1
1	295	868	596 5	295 271 48	55	853	356 5	80 31 49	
2	220	796	521 5	240 200 40 88	198	636	499 5	219 177 42 91 88	P.R. #4
P.R. #4									
	516	664	✓		254	489	✓	179	
	254	489	✓						
+	262	175	✓						

F.B. 3173 PG. 216

SURVEY OF PALMDALE RESERVOIR JOB NO. 0301.06

SURVEY BY DREIER NOTES DREIER 3-22-66

INDEXED C. J. GALLI DATE

6 PALMDALE RESERVOIR

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET

F.B. 3123 PG. 217

SURVEY BY G. E. DREIER WEATHER CLEAR VERY WINDY INST. NO 96710

NOTES BY G. E. DREIER DATE 3-22-66 TIME 1:55 TO 2:00 ROD NO. 9819

INDEXED C. GALLI DATE NOTES CHKD. [illegible] DATE MAR 31 '66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.I.D. #1 TO B.M. 101-17
P.I.D. #1									
1	75	252	376 5	98				241	P.I.D #1
				52 46	218	107	519	195 46	
B.M. 101-17									
	75	252						46	B.M. 101-17 (D 429)
					218	107		92	
					75	252			
					142	855			

76P526 CE # 308 3-61

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403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-17 TO P.I.D. #1
B.M. 101-17									B.M. 101-17 D-429
1	217	748	518 5	240 ✓ 194 46	74	951	375 5	97 51 46	
P.I.D. #1								46	P.I.D. #1
	217	748 ✓			74	951 ✓		92 ✓	
	74	951 ✓							
+	142	797 ✓							

F.B. 3173 PG. 218 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-22-66

INDEXED J. GALLI DATE

WEATHER CLEAR VERY WINDY INST. NO. 96716

TIME 2:00 TO 2:05 ROD NO. 9819

NOTES CHKD [signature] DATE

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 101-39 TO PALMDALE B-9
B.M. 101-39									B.M. 101-39 (VOIR 2)
1	243	736	544 5	261 225 36	~~15~~	~~629~~	~~316 5~~	~~27 4~~ ~~23~~	
					14	371	315	1/2 32 14 36	
2	~~285~~	~~108~~	~~586~~	~~285 266 38~~					
	74	222	375 5	83 65 18 54	4	277	305 5	13 4 18 54	
3	283	920	584 5	287 279 8 62	17	089	318 5	21 13 8 62	
4	292	676	593 5	297 287 10 72	22	239	323 5	27 17 10 72	
5	301	173	602 5	301 296 10 82	21	091	322 5	27 15 12 84	
B-9 6	139	232	440 5	142 137 5 87	114	082	415 5	116 112 4 88	PALMDALE B-9
								87	
	1334	959			193	149		175	
	193	149							
	+1141	810							

JOB NO. 0301.02 6 PALMDALE RESERVOIR SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY PALMDALE RESERVOIR DREIER WEATHER WINDY THINOVERCAST INST. NO. 96710

NOTES BY DREIER DATE 3-23-66 TIME 2:30 TO 3:10 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE MAR 31 '66

F.B. 3173 PG. 219

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LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B-9 TO BM.101-39
B-9									PALMDALE B-9
1	25	431	326 5	30 20 10	298	458	599 5	298 292 8	
2	8	708	309 5	16 ½ 8 16 26	246	063	547 5	254 238 16 24	
3	4	320	305 5	13 4 18 44	286	515	587 5	296 276 20 44	
4	6	078	307 5	10 2 8 52	264	822	565 5	267 261 6 50	
5	109	989	409 5	122 94 28 80	199	598	500 5	212 186 26 76	
B.M. 101-39								80	B.M. 101-39 (VOIR 2)
	153	526			1295	456		156	
					153	526			
					1141	930			

F.B. 3173 PG. 220 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-24-66

INDEXED C. J. GALLI DATE

WEATHER WINDY PART CLOUD INST. NO. 96716

TIME 9:00 TO ROD NO. 9819

NOTES CHKD. [illegible] DATE

JOB NO. ~~0301.02~~ 0301.06 PALMDALE RESERVOIR ~~SURVEY OF L. A. CO. PRECISE LEVEL NET~~

F.B. 3173 PG. 221

SURVEY BY G.E. DREIER WEATHER INST. NO. 96716

NOTES BY G.E. DREIER DATE FEB 1967 TIME ROD NO.

INDEXED C. J. GALLI DATE FEB 24 '67 NOTES CHKD Melnote DATE

PALMDALE IRRIGATION DISTRICT RESERVOIR

JOB NO 0301.06

PRECISE LEVELS, FEB. 1967

PAGES 223 TO 258

DREIER
WILKS
MALDONADO
SIEMANN
MCKNIGHT

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM TO

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

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626 CE # 308 3-65

F.B. 3173 Pg. 222 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES G.E. DREIER

INDEXED G. J. GALLI DATE

WEATHER INST. NO. 96716

TIME ROD NO. 9 & 19

NOTES CHKD DATE

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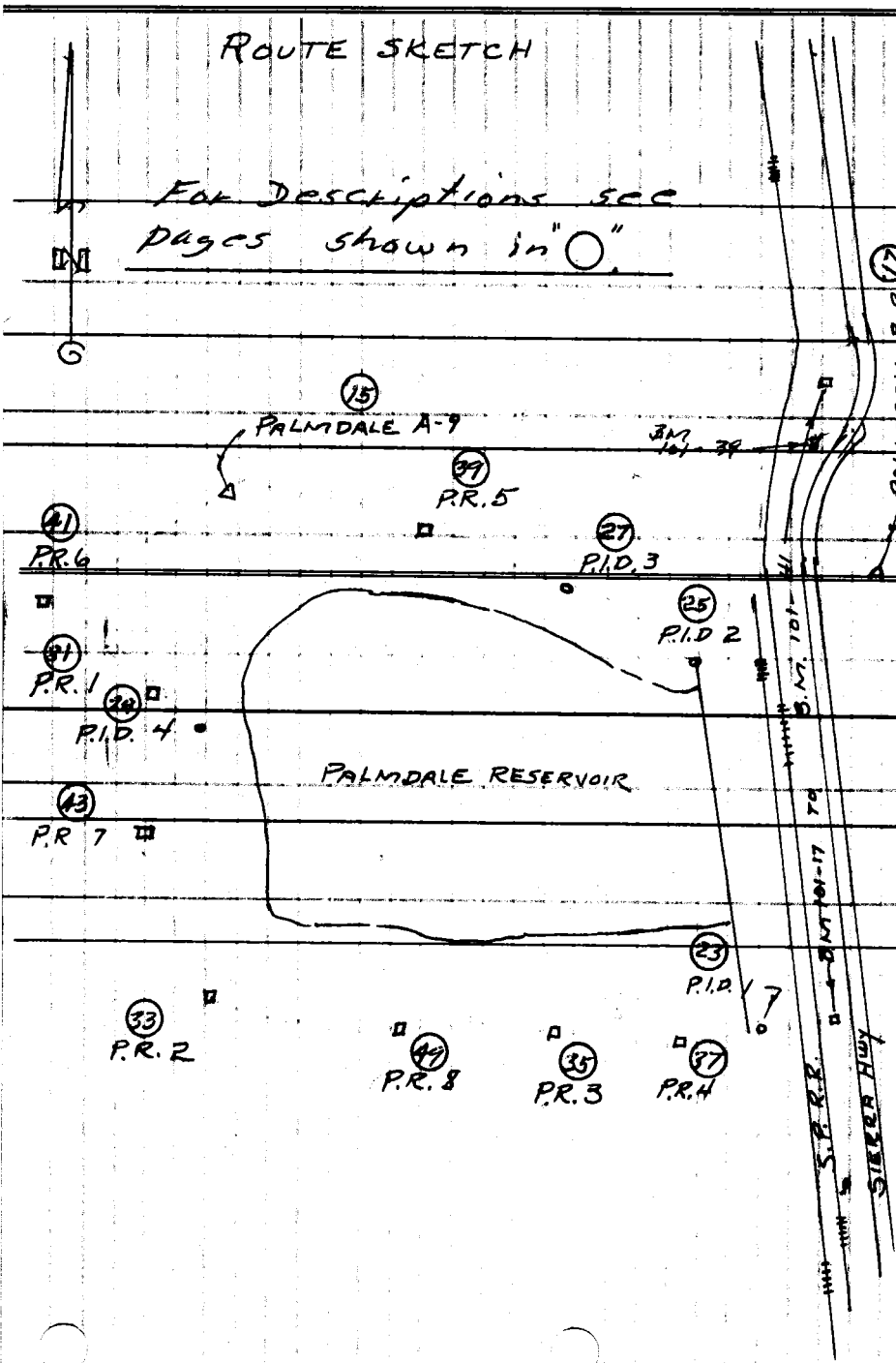
STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM TO



76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY ~~OF L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR
SURVEY BY DREIER
WEATHER CLEAR
INST. NO. 96716
F.B. 3173 PG. 223
NOTES BY [illegible] DATE 2-16-67 TIME ROD NO. 9819
INDEXED F. J. GALLI DATE NOTES CHKD [illegible] DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 101-17 TO BM 101-41
BM 101-17													BM 101-17 (D-429)
1	57	373	358	5	32/82	50	207	213	508	5	184/230	46	
							57	373				50	
							149	840				96	
BM 101-19	55	413	356	5	31/79	48	235	306	536	5	212/258	46	BM 101-19 (B-429)
1												48	
							55	413				94	
							179	893					
BM 101-21	58	170	359	5	34/82	48	154	750	455	5	128/180	52	BM 101-21 (Z-428)
1												48	
							58	170				100	
							96	580					
BM 101-23													BM 101-23 (X-428)
1	57	700	358	5	34/80	46	197	340	498	5	174/220	46	
												46	
							57	700				92	
							139	640					
BM 101-25													BM 101-25 (Y-428)
1	142	023	443	5	123/161	38	163	009	464	5	146/180	34	
							142	023				38	
							20	986				72	
BM 101-27													BM 101-27 (U-487)

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WEATHER CLEAR INST. NO. 96716
TIME ROD NO. 98/8
NOTES CHKD. DATE MAR 10 61

SURVEY OF PALMDALE RESERVOIR JOB NO 0301.06
SURVEY BY G.E.D. NOTES D.L.W. (2-16-67)
INDEXED C. J. GALL DATE
F.B. 3173 Pg. 224

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 101-27 To BM 101-47
BM 101-27					145		139				118		BM 101-27 (U-487)
1	160	867	461	5	175	30	~~140~~	867	440	5	160	42	
	139	867										30	
	+ 21	000										72	
BM 101-25					171						80		BM 101-25 (V-428)
1	194	719	495	5	217	46	54	987	355	5	78	48	
	54	987										46	
	+ 139	732										94	
BM 101-23					128						32		BM 101-23 (X-428)
1	153	272	454	5	178	50	56	667	357	5	80	48	
	56	667										50	
	+ 96	605										98	
BM 101-21					204						23		BM 101-21 (Z-428)
1	227	812	528	5	250	46	47	965	348	5	71	48	
	47	965										46	
	+ 179	847										94	
BM 101-19													BM 101-19 (B-429)
					172						25		
1	200	647	501	5	224	48	50	783	351	5	75	50	
	50	783										48	
	+ 149	864										98	
BM 101-17													BM 101-17 (D-429)

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY ~~OF L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G.E. DREIER

NOTES BY WILKS DATE 2-16-67 TIME ROD NO. 96719

INDEXED C. J. GALLI DATE NOTES CHKD DATE MAR 10 6

F.B. 3173 PG. 225

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 101-27 TO BM 101-39
BM 101-27					179	2					95		BM 101-27 (U-487)
1	192	876	493	5	205	~~36~~	106	848	407	5	117	22	
	-106	848										36	
	+86	028										58	BM 101-~~29~~ 31 is lying on its side
BM 101-~~29~~ 29	168	561	469	5	144 / 192	48	133	501	434	5	111 / 155	44	BM 101-~~29~~ 29 ~~(U-487)~~ (V-487)
1												48	
	-133	501										92	
	+35	060											
BM 101-33					112						105		BM 101-33 (Y 487)
1	126	768	427	5	140	28	117	226	418	5	129	24	
	117	226										28	
	+9	542										52	
BM 101-35					96		+				149		BM 101-35 (Q-428)
1	121	563	422	5	146	50	173	412	474	5	197	48	SEE PAGE 227 FOR RERUN
							-121	563				50	
							-51	849				98	
BM 101-37					264						1/2-22		BM 101-37 (N-428)
1 +	282	542	583	5	300	36	22	360	323	5	38	32	
x					164						61		
2	170	750	471	5	176	12	67	408	368	5	73	12	
BM 101-39						48						44	BM 101-39 (VOIR #2 1947)
	453	292					89	768				48	
	89	768										92	
	363	524											

5-811 45

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-39 TO BM 101-27
BM 101-39									BM 101-39 (VOIR 2, 1947)
1	58	829	359 5	50/66 16	172	827	473 5	162/182 20	
2	28	940	329 5	19/37 18	278	554	579 5	260/296 36	
				34				56	
BM 101-37								34	BM 101-37 (N-428)
	87	769			451	381		90	
					87	769			
					363	612			
1	168	335	469 5	144/192 48	116	600	417 5	90/142 52	SEE PAGE 227 FOR RERUN
	116	600						48	
	51	~~675~~ 735						100	
BM 101-35									BM 101-35 (Q-428)
1	114	089	415 5	102/126 24	123	623	424 5	109/137 28	
					114	089		24	
					-9	534		52	
BM 101-33									BM 101-33 (Y-487)
1	135	211	436 5	113/157 44	170	259	471 5	145/195 50	
					135	211		44	
					-35	048		94	
BM 101-~~31~~ 29									BM 101-29 (V-487)
1	99	511	400 5	88/110 22	185	562	486 5	172/198 26	
~~BM 101~~					99	511		22	
					-86	051		48	
BM 101-27									BM 101-27 (U-487)

WEATHER CLEAR INST. NO. 96716

TIME ROD NO. 9819

NOTES CHKD [signature] DATE MAR 10 67

JOB NO. 030106

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E.D. NOTES D.L.W. (2-16-67)

INDEXED ~~C. J. GALLI~~ DATE

F.B. 3173 PG. 226

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716

NOTES BY WILLIS DATE 1-16-67 TIME ROD NO. 9519

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAR 1 0 67

F.B. 3173 PG. 227

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-39 TO BM 101-41
B.M. 101-39									BM 101-39 (VOIR 2, 1947)
1	137	663	438 5	127/147 20	266	222	567	254/278 24	
								20	
BM 101-41								44	BM 101-41 (J-811)
	137	663			266	222			
					137	663			
					-128	559			
			RERUN		101-35 TO 101-37				
BM 101-35									BM 101-35 (Q-428)
1	118	371	419 5	93/143 50	170	179	471 ~~481~~ 5	146/194 48	
					118	371		50	
					-51	808		98	
BM 101-37									BM 101-37 (N-428)
1	165	849	466 5	140/190 50	114	102	415 5	89/139 50	
	114	102						50	
	51	747						100	
BM 101-35									BM 101-35 (Q-428)

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-41 TO BM 101-39
BM 101-41													BM 101-41 (J-811)
1	273	020	574	5	260 / 286	26	144	390	445	5	133 / 155	22	
												26	
BM 101-39												48	BM 101-39 (VOIR 2, 1947)
	273	020					144	390					
	144	390											
	128	630											

WEATHER CLEAR INST. NO. 96716

TIME ROD NO. 9819

NOTES CHKD [signature] DATE MAR 10 '61

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E.D. NOTES D.L.W. (2-16-67)

INDEXED C. J. GALLI DATE

F.B. 3173 PG. 228

76P526 CE # 308 3-65

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-41 TO PID #2
BM 101-41													BM 101-41 (J-811)
1	113	525	414	5	94/132	38	12	695	313	5	12/29	34	
2	284	003	585	5	276/292	16	69	139	370	5	59/79	20	
3	294	867	595	5	284/304	54/20	23	936	324	5	13/33	54/20	
4	161	761	462	5	157/165	74/8	79	794	380	5	75/83	74/8	
						82						82	
												82	
PID #2	854	156					185	564				164	PID #2
	185	564											
	668	592											

JOB NO. 0301.02 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G. E. DREIER WEATHER CLEAR-COLD INST. NO. 96716

NOTES BY [illegible] DATE 3/17/66 TIME ROD NO. 96719

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAR 10 '67

F.B. 3173 PG. 229

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WEATHER Clear-Cold INST. NO. 96716
TIME ROD NO. 7859
NOTES CHKD. DATE MAR 10 '61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													From PID #2 To BM 101-41
					73						½ 291		PID #2
1	40	358	341	5	47	14	299	773	600	5	299	16	
					41						213		
2	46	091	347	5	51	10	220	494	521	5	227	14	
					66	24					204	30	
3	72	433	373	5	78	12	206	391	507	5	208	4	
					½ 12	36						34	
4	12	289	313	5	39	34	113	101	414	5	44 / 132	38	
						70						72	
BM 101-41												70	BM 101-41 (J-811)
	171	171					839	759				142	
							171	171					
							668	588					

F.B. 3173 Pg. 230

SURVEY OF Palmdale Reservoir JOB NO. 0301.06
SURVEY BY G.E.D. NOTES D.L.W. (2-17-61)
INDEXED C. J. CALL DATE

76P526 CE # 308 3-65

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM PID #2 TO PID #3
PID #2													
1	26	440	327	5	1/3 26 / 66	80	215	587	516	5	174 / 256	82	
2	142	883	443	5	104 / 180	76	155	410	456	5	120 / 190	70	
						156						152	
3	158	695	459	5	143 / 173	30	14	785	315	5	1/3 14 / 30	32	
						186						184	
4	268	632	569	5	266 / 270	4	103	314	404	5	99 / 107	8	
						190						192	
PID #3												190	PID #3
	596	650					489	096				382	
	489	096											
	107	554											

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR
SURVEY BY G.E. DREIER WEATHER CLEAR COLD INST. NO. 96716
NOTES BY WILKS DATE 30 17 67 TIME ROD NO. 9659
INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE

F.B. 3173 PG. 231

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WEATHER Clear-Cool INST. NO. 96716
TIME ROD NO. 9818
NOTES CHKD. DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PID #3 TO PID #2
PID #3													PID #3
1	25	800	326	5	+8 / 32	14	298	758	599	5	290 / 306	16	
2	107	030	408	5	74 / 140	66	1.45	305	446	5	112 / 178	66	
3	175	220	476	5	140 / 210	80 / 70	127	389	428	5	92 / 162	82 / 70	
4	124	212	425	5	+101 / 147	150 / 46	87	467	388	5	65 / 109	152 / 44	
5	207	580	508	5	204 / 210	196 / 6	88	579	389	5	85 / 91	196 / 6	
PID #2						202						202 ✓ / 202 ✓ / 404 ✓	PID #2
	639	842 ✓					747	498 ✓					
							639	842 ✓					
							107	656 ✓					

SURVEY OF Palmdale Reservoir JOB NO. 030106
SURVEY BY G.E.D. NOTES D.L.W. 6-17-67
INDEXED C. J. GALLI DATE

F.B. 3173 Pg. 232

026 CE #308 3-65

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM PID #3 TO BM PR #5
PID #3	2						1						PID #3
1	46	411	347	5	32/60	28	294	774	595	5	279/308	29	
2	127	732	428	5	85/169	84	184	308	485	5	140/228	86	
						112						115	
3	286	881	587	5	267/306	39	25	963	326	5	1/3 25/44	38	
						151						153	
4	298	132	599	5	1/3 287/298	22	101	194	402	5	90/112	22	
					9	173						175	
~~5~~	~~101~~	~~194~~	~~402~~	~~5~~									
5 ~~6~~	170	687	471	5	129/211	82	91	108	392	5	50/133	83	
						258 5						258 ✓	
BM PR #5												258 5	BM PR #5
	929	843 ✓					697	347 ✓				~~516~~	
	697	347 ✓										513	
+	232	496											

JOB NO. 0301.02 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G.E. DREIER

WEATHER CLEAR - COL

INST. NO. 9674

NOTES BY [illegible] DATE 2-17-67 TIME ROD NO. 9818

INDEXED G. J. GALLI DATE NOTES CHKD [illegible] DATE MAR 10 '67

F.B. 3173 PG. 233

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

WEATHER CLEAR - Cool INST. NO. 96716
TIME ROD NO. 98/19
NOTES CHKD DATE MAR 10 '67

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM PR #5 TO PID #3
BM PR #5													BM PR #5
1	94	731	395	5	52 / 136	84	174	376	475	5	133 / 215	82	
2	53	669	354	5	38 / 68	30	298	581	599	5	1/2 283 / 298	30	
						114						112	
3	8	326	309	5	1 / 17	18	215	000	516	5	206 / 224	18	
						132						130	
4	184	852	885	5	143 / 225	82	187	739	488	5	146 / 228	82	
						214						212	
5	298	891	599	5	1/2 ~~287~~ 398	42	6	409	307	5	1/2 6 / 25	38	
						256						350	
6	113	714	414	5	110 / 116	6	104	679	405	5	99 / 109	10	
						262						360	
PID #3												262	PID #3
	754	183					986	784				522	
							754	183					
							232	601					

SURVEY OF PALMDALE RESERVOIR JOB NO. 0301.06
SURVEY BY GLE.D. NOTES D.L.W. (2-17-67)
INDEXED C. J. GALLI DATE
F.B. ~~3115~~ 3173 PG. 234

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM PR #5 TO A-9
BM PR#5													BM PR #5
1	11~~8~~4	884	41~~6~~5	5	72 / 156	84	181	818	482	5	138 / 224	86	
2	300	121	601	5	1/2 280 / 300	40	5	032	306	5	1/3 5 / 35	40	
3	280	841	581	5	269 / 291	124 / 22	6	429	307	5	1/2 6 / 16	126 / 20	
4	275	723	576	5	270 / 280	146 / 10	32	079	333	5	27 / 37	146 / 10	
5	220	371	521	5	216 / 224	156 / 8	100	273	401	5	96 / 104	156 / 8	
						164						164	
A-9												164	A-9
	1191	940						~~1631~~					
	325	631					325	631				328	
	+ 866	309											

JOB NO. 0301.~~02~~6 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G. E. DREIER

NOTES BY WILKS DATE 2-17-67 TIME ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAR 10 '67

WEATHER CLEAR INST. NO. 96716

F.B. 3173 PG. 235

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM A-9 TO PR#5
A-9													
1	21	621	322	5	15 / 27	12	284	691	585	5	279 / 291	14	
2	19	459	320	5	14 / 24	10	284	712	585	5	278 / 290	12	
3	20	260	321	5	7 / 33	22 / 26	236	822	537	5	223 / 249	26 / 26	
4	5	797	306	5	1/2 5 / 21	48 / 32	203	112	504	5	188 / 218	52 / 30	
5	196	222	498	5	160 / 234	80 / 74	121	251	422	5	1/2 121 / 159	82 / 76	
						154						158	
PR# 5												154	PR# 5
	264	359					1130	588				312	
							264	359					
							866	229					

WEATHER CLEAR INST. NO. 96716

TIME ROD NO. 9819

NOTES CHKD [signature] DATE MAR 10 '67

F.B. 3713 PG. 236 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E.D. NOTES D.L.W. (2-21-67)

INDEXED C. J. GALLI DATE

26 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

...TION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													FROM A-9 TO PR #6
-9					22/32						282/294		A-9
1	27	238	328	5		10	288	819	589	5		12	
					1/3 22/48						1/3 270/297		
2	22	304	323	5		52	297	882	598	5		54	
						62					289/301	66	
3	19	699	320	5	11/27	16	295	531	596	5		12	
						78					260/270	78	
4	7	169	308	5	3/11	8	265	730	566	5		10	
						86					132/156	88	
5	9	422	310	5	1/3 9/22	26	144	438	445	5		24	
						112					171/219	112	
6	64	228	365	5	37/91	54	195	437	496	5		48	
						166					98/144	160	
7	128	808	429	5	106/150	44	121	281	422	5		46	
						210 ✓						206 ✓	
PR #6												210 ✓	PR #6
	278	868 ✓					1609	118 ✓				416	
							278	868 ✓					
						—	1330	250 ✓					

JOB NO. 0301.02 6 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G. E. DREIER

NOTES BY WILKS DATE 2-17-67 TIME

INDEXED C. J. GALLI DATE

NOTES CHKD [illegible] DATE

WEATHER CLEAR INST. NO. 96716

ROD NO. 9819

F.B. 3173 PG. 237

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR #6 TO A-9
PR #6		2					2						PR #6
1	192	901	493	5	158 / 226	68	150	832	451	5	116 / 184	68	
2	284	033	585	5	260 / 308	48	195	009	496	5	171 / 219	48	
3	298	781	599	5	1/2 289 / 298	116 / 18	13	110	314	5	3 / 21	116 / 18	
4	281	200	582	5	277 / 285	134 / 8	8	263	309	5	2 / 14	134 / 12	
5	296	142	597	5	1/2 288 / 296	142 / 16	6	120	307	5	1/2 6 / 14	146 / 16	
6	268	269	569	5	256 / 280	158 / 14	90	392	391	5	82 / 98	162 / 16	
7	243	429	544	5	236 / 250	172 / 14	70	779	371	5	65 / 75	178 / 10	
						186						188 ✓	
A-9												186 ✓	A-9
	1864	755 ✓					534	505 ✓				374 ✓	
	534	505 ✓											
+	1330	250 ✓											

WEATHER CLEAR-COOL INST. NO. 96716

TIME ROD NO. 9819

NOTES CHKD [signature] DATE MAR 10 '67

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E.D. NOTES D.L.W. (2-21-67)

INDEXED C. J. GALLI DATE

F.B. 3473 PG. 238

-01-026 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM PR #6 TO BM PR #1
M PR #6					1/2 9						158		BM PR #6
1	9	293	310	5	37	56	188	658	489	5	218	60	
					108						81		
2	146	256	447	5	184	76	115	409	416	5	149	68	
					204	132					1/2 8	128	
3	235	649	536	5	266	62	41	619	342	5	41	66	
						194	✓					194	✓
BM PR #1												194	✓ BM PR #1
	391	198	✓				345	686	✓			388	✓
	345	686	✓										
+	45	512	✓										

JOB NO. 0301.02 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716

NOTES BY W. Wiles DATE 2-17-67 TIME ROD NO. 9819

INDEXED L. J. GALLI DATE NOTES CHKD. [illegible] DATE

F.B. 3173 PG. 239

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR#1 TO PR#6
PR#1													PR#1
1	29	282	330	5	1/2 ~~29~~ 65	72	261	921	562	5	~~225~~ 297	72	
2	164	291	465	5	129 199	70	104	~~405~~ 099	405	5	71 137	66	
3	165	135	466	5	143 187	142 44	38	139	339	5	12 64	138 52	
						186 ✓						190 ✓	
PR# 6												186 ✓	PR# 6
	358	708 ✓					404	159 ✓				376 ✓	
							358	708 ✓					
							45	451 ✓					

WEATHER CLEAR-COOL INST. NO. 96716

TIME ROD NO. 9519

NOTES CHKD [illegible] DATE MAR 10 '67

C.B. 3173 PG. ~~238~~ 240 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E.D. NOTES D.L.W. (2-21-67)

INDEXED C. J. GALLI DATE

JOB NO. 0301.~~02~~ 6 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

F.B. 3173 PG. ~~239~~ 241

SURVEY BY G. E. DREIER WEATHER COLD WINDY INST. NO. 96716

NOTES BY WILKS DATE 2-20-67 TIME ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAR 10 '67

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM PR#4 PID TO BM PR#4
BM PR#4									BM PR#1
1	73	991	374	5	41 / 105	64	257	906	558 5 1/2 257 / 287 60
BM PR#4									BM PR#4 PID#4
	73	991					257	906	64
							73	991	124
							183	915	

CE # 308 3-65

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Do not extend notes this side of this line.

WEATHER Cold & Windy INST. NO. 96716
TIME ROD NO. 2519
NOTES CHKD DATE MAR 10 '67

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM ~~PR #4~~ PID #4 TO BM PR #1
BM ~~PR #4~~ PID #4													PID #4
1	262	058	563	5	1/2 262 / 392	60	78	108	379	5	48 / 108	60	
BM PR #1												60	PR #1
	262	058					78	108				60	
	78	108											
1	183	850											

P.B. 3473 Pg. 242 JOB NO. 0301.06
SURVEY OF PALMDALE RESERVOIR
SURVEY BY GED NOTES D.L.W. (2-20-67)
INDEXED R. J. GALL DATE

JOB NO. 0301.02 6 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

F.B. ~~3413~~ PG. 243

SURVEY BY G. E. DREIER WEATHER COLD & WINDY INST. NO. 96716

NOTES BY WILKS DATE 2-20-67 TIME ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE [illegible]

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM ~~PR#4~~ PID#4 TO BM PR#7
BM PR#4									BM ~~PR#4~~ PID#4
1	240	710	541 5	108 / 272 64	196	677	497 5	165 / 227 62	
2	123	258	434 5	94 / 172 78	54	881	355 5	15 / 93 78	
3	209	275	510 5	194 / 234 30 / 172	80	103	381 5	68 / 92 24	
BM PR#7								162 / 172	BM PR#7
	583	243			331	661		334	
	331	661							
	+251	582							

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM PR #7 TO BM ~~PR~~ PID #4
BM PR #7													BM PR #7
	~~190~~	~~873~~	~~491~~	~~5~~	~~158/222~~	~~64~~	~~235~~	~~071~~	~~536~~	~~5~~	~~201/261~~		
1	82	610	383	5	70/94	24	235	593	536	5	222/248	26	
2	68	372	369	5	1/2 68/108	80	122	748	423	5	82/162	80	
~~2~~						104						106	
3	190	873	491	5	158/222	64	235	071	536	5	207/268	61	
						168 ✓						167 ✓	PID #4
BM PR #4												~~172~~	BM ~~PR~~ #4
	341	855 ✓					593	412 ✓				168	
							341	855 ✓				335	
							251	557 ✓					

WEATHER Cold, Windy INST. NO. 96716

TIME ROD NO. 9819

NOTES CHKD [illegible] DATE MAR 10 '61

F.B. 3173 PG. 244 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E.D. NOTES D.C.W.

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G. E. DREIER

NOTES BY Wilks G. J. CALL DATE 2-20-67

INDEXED DATE

WEATHER Cold, Windy TIME

NOTES CHKD [signature] DATE MAR 10 '67

INST. NO. 96716 ROD NO. 9519

F.B. 3173 PG. 245

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM PR#7 TO BM PR#2
BM PR#7									BM PR#7
1	42	861	343 5	22 / 62 / 40	209	019	510 5	189 / 229 / 40	
2	214	132	515 5	186 / 242 / 56 / 96	121	820	422 5	93 / 149 / 56 / 96	
3	80	638	381 5	46 / 114 / 68 / 164	63	874	364 5	34 / 92 / 58 / 154	
4	252	728	553 5	240 / 264 / 24 / 188	16 ~~17~~	984	317 ~~318~~ 5	6 / 26 / 20 / 174	
5	211	310	512 5	207 / 215 / 8 / 196	18	021	319 5	1/2 18 / 27 / 18 / 192	
BM PR#2								196	BM PR#2
	801	669			429	718		388	
	429	718							
+	371	951							
				RERUN					
PR#7									PR#7
1	155	570	456 5	114 / 196 / 82	4	702	305 5	1/2 4 / 38 / 68	
2	247	372	548 5	214 / 280 / 66 / 148	45	977	346 5	10 / 82 / 72 / 140	
3	262	250	563 5	243 / 281 / 38 / 186	242	550	543 5	1/2 242 / 261 / 38 / 178	
PR#2								186	PR#2
	665	192			293	229		364	
	293	229							
	371	963							

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM PR#2 TO BM PR #7
BM PR#2													PR#2
1	26	058	327	5	37 / 15	22	289	933	590	5	300 / 278	22	
2	56	500	357	5	35 / 77	42	187	234	488	5	166 / 208	42	
3	95	639	396	5	68 / 122	64 / 54	207	270	508	5	179 / 235	64 / 56	
4	111	882	412	5	87 / 135	118 / 48	131	160	432	5	106 / 156	120 / 50	
5	~~210~~ ~~180~~	180 ~~511~~	511 ~~4~~	5	199 / 221	166 / 22	56	402	357	5	46 / 66	170 / 20	
						188 ✓						190 ✓	
PR#7												188 ✓	PR#7
	500	259 ✓					871	999 ✓				378 ✓	
							500	~~529~~ 25 ✓					
							371	~~470~~ 740					
					RERUN								
PR#2													PR#2
1	243	214	544	5	1/2 242 / 262	40 ~~262~~	260	090	561	5	240 / 280	40	
2	35	289	336	5	1/2 35 / 69	68	239	661	540	5	206 / 272	66	
3	12	710	313	5	1/2 12 / 50	108 / 76	163	338	464	5	130 / 200	106 / 72	
						184 ✓						178 ✓	
PR#7												184 ✓	PR#7
	291	213 ✓					663	089 ✓				362 ✓	
							291	213 ✓					
							371	876 ✓					

F.B. 3173 PG. 246 JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY G.E.D. NOTES J. Maldonado (2-20-67)

INDEXED C. J. GALLI DATE

WEATHER Cool, Windy INST. NO. 96716

TIME ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM PR #2 TO BM PR #8
BM PR #2					205						283(½)		BM PR #2
1	159	220	460	5	113	92	283	566	584	5	235	96	
					277						134		
2	255	623	556	5	233	44	114	738	415	5	94	40	
						136 ✓						136 ✓	
												136 ✓	
BM PR #8													BM PR #8
	414	843 ✓					398	304 ✓				272 ✓	
	-398	304 ✓											
+	16	539 ✓											

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G. E. DREIER

NOTES BY J. Maldonado DATE 2-20-67

WEATHER Cold, & Windy INST. NO. 96716

TIME 11:00 TO 11:15 ROD NO. 9819

INDEXED C. J. GALLI DATE

NOTES CHKD. [illegible] DATE [illegible]

F.B. 3713 PG. 247

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM PR#8 TO BM PR#2
BM PR#8													BM PR#8
~~1~~	~~266~~	~~740~~	~~567~~	~~5~~	~~299~~ ~~258~~	~~16~~	~~128~~						
1	54	882	355	5	76 32	44	186	576	487	5	208 164	44	
2	248	222	549	5	293 (1/2) 248	90	133	105	434	5	181 85	96	
						134 ✓						140 ✓	
BM PR#2												134 ✓	BM PR#2
	303	104 ✓					319	681 ✓				274 ✓	
							303	104 ✓					
								~~45~~					
							16	577 ✓					

WEATHER Cold & Windy INST. NO. 96716

TIME ROD NO. 9 & 19

NOTES CHKD. [signature] DATE

F.B. 3173 PG. 248 JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY G.E.D. NOTES J. Maldonado

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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2.6

Do not extend notes this side of this line.

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir

SURVEY BY G.E. DREIER

NOTES BY J. Maldonado DATE 2-20-67

INDEXED C. J. GALLI DATE

WEATHER Cold & Windy INST. NO. 96716

TIME 11:15 To 11:30 ROD NO. 9819

NOTES CHKD [illegible] DATE MAR 10 '67

F.B. 3173 PG. 249

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM PR #8 TO PR #3
BM PR #8													BM PR #8
1	3	300	304	5	14 (1/2) 3	22	286	613	587	5	298 274	24	
2	22	930	323	5	56 (1/2) 22	68	285	306	586	5	285 (1/2) 250	70	
3	170	670	471	5	222 (1/2) 170	90 104	3	520	304	5	52 (1/2) 3	94 98	
4	188	630	489	5	200 176	194 24	82 ~~83~~	840	383 ~~385~~	5	95 69	192 26	
						218						218	
												218	
	385	530					658	279				436	
BM PR #3							385	530					BM PR #3
							-272	749					
BM PR #8					KERUN 2-21-67								BM PR #8
1	4	217	305	5	14 (1/4) 4	20	267	133	568	5	280 254	26	
2	28	630	329	5	69 (1/2) 28	82	290	790	591	5	290 (1/2) 248	84	
3	179	924	480	5	215 143	102 72	66	566	367	5	103 29	110 74	
4	227	600	528	5	249 205	174 44	88	468	389	5	106 70	184 36	
						218						220	
												218	
BM PR #3	440	371					712	957				438	BM PR #3
							440	371					
							-272	586					

RERUN

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403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM PR #3 TO BM PR #8
BM PR #3													BM PR #3
1					66 (1/2)						281 (1/2)		
1	31	020	332	5	31	70	28~~2~~1	930	58~~3~~2	5	246	70	
2	127	652	428	5	176 78	98	8	300	309	5	55 8 (1/2)	94	
3	300	370	601	5	300 271 1/2	168 58	35	036	336	5	62 8	164 54	
4	266	740	567	5	274 258	226 16	128	178	429	5	138 118	218 20 ~~226~~	
	725	782 ✓				242	453	444 ✓				~~444~~ 238 ✓	
	453	444 ✓											
	+ 272	338 ✓										242	
												480	
BM PR #8													BM PR #8
BM PR #3													BMPR #3
1	32	593	333	5	65 32 (1/2)	66	263	472	564	5	295 231	64	
2	122	835	423	5	171 74	97	22	215	323	5	71 22 (1/2)	98	
3	283	131	584	5	307 259	163 48	34	448	335	5	55 13	162 42	
4	197	600	498	5	200 194	211 6	43	680	344	5	49 37	204 12	636159 ✓
BM PR 8						217						216 ✓	363815 ✓
												217 ✓	+ 282.344
	636	159 ✓					363	815 ✓				433 ✓	

F.B. 3173 PG. 250 JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY G.E.D. NOTES J. Maldonado (2-20-67)

INDEXED C. J. [illegible] DATE

WEATHER Cold & windy INST. NO. 96716

TIME ROD NO. 9 & 19

NOTES CHKD [illegible] DATE MAR 10 '67

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir

SURVEY BY G. E. DREIER

NOTES BY J. Maldonado DATE 2-20-67 TIME 11:30 to 11:45 WEATHER Cold & windy INST. NO. 96716

INDEXED C. J. GALLI DATE NOTES CHKD DATE MAR 10 '67 ROD NO. 9889

F.B. 3713 PG. 251

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM PR#3 TO PR#4
BM PR#3													BM PR#3
1	107	935	408	5	148 72	76	168	578	469	5	206 130	76	
2	194	773	495	5	232 156	76	216	693	517	5	260 172	88	
						152						164	
3	160	452	461	5	187 139	42	173	728	474	5	190 156	34	
						194 ✓						198 ✓	
												194 ✓	
	463	160 ✓					558	999 ✓				392 ✓	
							463	160 ✓					
							− 95	839 ✓					
BM PR#4													BM PR#4
					RERUN								
PR#3													PR#3
1	100	705	401	5	147 51	96	155	100	456	5	203 107	96	
2	161	932	462	5	210 112	98	203	180	504	5	254 152	102	
	262	637 ✓				194 ✓	358	280 ✓				198 ✓	
							+ 262	637 ✓				194 ✓	
							− 95	643 ✓				392 ✓	
BM PR#4													BM PR#4

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WEATHER Cold & windy INST. NO. 96716
TIME ROD NO. 98 & 19
NOTES CHKD. DATE MAR 10 '67

F.B. 3173 PG. 252 JOB NO. 0301.06
SURVEY OF Palmdale Reservoir
SURVEY BY GED NOTES J. Maldonado (2-20-67)
INDEXED C. J. Gill DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM PR #4 TO BM PR #3
BM PR #4													BM PR #4
					209						133		
1	172	827	473	5	135	74	96	978	397	5	60	73	
					148						189		
2	116	333	417	5	84	64	159	177	460	5	129	60	
					198	138					138	133	
3	169	818	470	5	140	58	107	360	408	5	76	62	
						196 ✓						195 ✓	
												196 ✓	
	458	978 ✓					363	415 ✓				391 ✓	
	363	415 ✓											
	95	563 ✓											
BM PR #3													BM PR #3
					RERUN								
BM PR #4													BM PR #4
		000			248						212		
1	197	~~488~~	498	5	146	102	161	490	462	5	110	102	
					197		91				138		
2	151	080	452	5	105	92	~~192~~	005	392	5	44	94	
						194 ✓						196 ✓	
												194 ✓	
	348	080 ✓					252	495 ✓				390 ✓	
	252	495 ✓											
	95	585 ✓											
BM PR #3													BM PR #3

JOB NO. 0301.02 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir

F.B. ~~3713~~ PG. 253

SURVEY BY G. E. DREIER WEATHER Cold & Windy INST. NO. 96716

NOTES BY J. Maldonado DATE 2-20-67 TIME 11:50 To 12:00 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE [illegible] '67

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM PR # 4 TO PID #1
BM PR #4									BM PR # 4
1	22	543	323 5	61 (1/2) 22 (1/2) 78	284	766	585 5	284 (1/2) 245 (1/2) 78	
					22	543		78	
					-262	223		156	
BM PID #1									BM PID #1

76P526 CE # 308 3-65

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM PID #1 TO BM PR #4
BM PID #1									P.I.D. 1
				283 (1/2)				60 (1/2)	
1	283	757	584 5	244 78	21	522	322 5	21 78	
	21	522						78	
	+262	235						156	
BM PR #4									BM PR #4

WEATHER Cold & Windy INST. NO. 96716

TIME 12:00 To 12:05 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE [illegible]

F.B. 3173 PG. 254 JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY G.E.D. NOTES J. Maldonado

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM PID #1 TO BM D429 101-17
BM PID #1													BM PID #1
					94						236		
1	71	014	372	5	48	46	213	791	514	5	190	46	
							71	014				46	
							142	777				92	
BM. 101-17													B.M. 101-17 (D-429 U.S.C.&G.S.)

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY _____ WEATHER _____ INST. NO. 96716

NOTES BY _____ DATE _____ TIME _____ ROD NO. 9819

INDEXED C. J. GALLI DATE _____ NOTES CHKD _____ DATE MAR 10 '67

F.B. 3713 PG. 255

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WEATHER Cold Windy INST. NO. 96716
TIME ROD NO. 98 19
NOTES CHKD. DATE MAR 10 '67

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM D429 101-17 TO BM P.I.D. #1
BM (D429) 101-17													B.M. 101-17 (U.S.C. & G.S. D-429
					233						91		
1	210	885	511	5	187	46	68	107	369	5	45	46	
	68	107										46	
	+142	778										92	
P.I.D. #1													P.I.D. #1

F.B. 3173 PG. 256 JOB NO. 0301.06
SURVEY OF Palmdale Reservoir
SURVEY BY G.E.D. NOTES J. Malamado
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-39 TO BM PD # B-9
BM 101-39									BM 101-39 (VOIR #2 U.S.C & G.S.)
1	233	350	534 5	261 205 56	24	528	325 5	50 (1/2) 24 52	
2	301	870	602 5	301 (1/2) 294 14	6	544	307 5	13 (1/2) 6 14	
3	299	581 ~~580~~	600 5	299 (1/2) 290 70 18	5	733	306 5	16 (1/2) 5 66 22	
4	294	490	595 5	302 286 88 16	3	123	304 5	10 (1/2) 3 88 14	
5	136	603	437 5	138 134 104 4	84	107	385 5	87 81 102 6	
				108				108	
								108	
	1265	894			124	035		216	
	124	035							PALMDALE
~~BM PD B-9~~	1141	859							BM ~~PD~~ B-9
B.107									
PALMDALE B-9									

JOB NO. 0301.02 6 Palmdale Reservoir SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ G.E. DREIER

SURVEY BY

WEATHER Sunny & Clear INST. NO. 967

NOTES BY J. [illegible] DATE 2-21-67 TIME ROD NO. 9 & 19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAR 10 '67

F.B. 3173 PG. 257

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM PD B-9 TO BM 101-39
BM ~~PD~~ # B-9 PALMDALE													BM ~~PD~~ # B-9 PALMDALE
1	5	088	306	5	12 5 (1/2)	14	299	372	600	5	299 (1/2) 294	10	
2	5	325	306	5	11 5 (1/2)	12	300	713	601	5	300 296 (1/2)	8	
3	6	600	307	5	12 6 (1/2)	26 12	290	777	591	5	295 284	18 11	
4	25	274	326	5	44 25 (1/2)	38 38	293	265	594	5	293 (1/2) 264	29 48	
						76						77 ✓	
	42	287 ✓					1184	127 ✓				76 ✓	
							42	287 ✓				153	
							1141	840 ✓					
B.M. 101-39													B.M. 101-39 (VOIR #2)

WEATHER Sunny & Clear INST. NO. 96716

TIME ROD NO. 9&19

NOTES CHKD [illegible] DATE MAR 10 '67

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY G.E.D. NOTES J. Maldonado 2-21-67

INDEXED C. J. CALLI DATE

B. 3173 PG. 258

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of PALMDALE RESERVOIR
JN 0301.06 Tape 136 M-6 Std 84 °F
Surveyed by FULTON
Notes J.F. Date 1-27-67
Indexed C. J. GALLI FEB 24 '67

F. B. 3173 PG. 259

Notes on Geo. Index Card
Placed on U.S.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

PALMDALE B-7

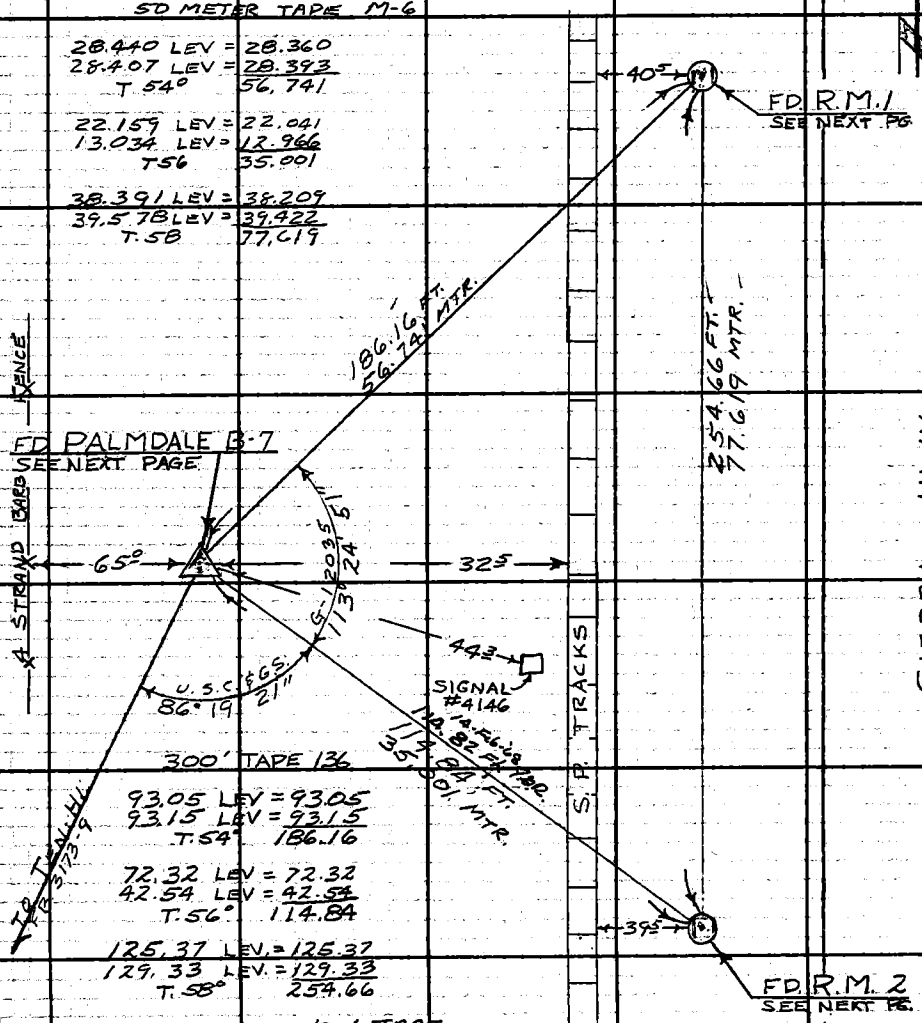
U.S.C. + G.S. (PEACH)

50 METER TAPE M-6

28.440 LEV = 28.360
28.407 LEV = 28.393
T 54° 56.741

22.159 LEV = 22.041
13.034 LEV = 12.966
T56 35.001

38.391 LEV = 38.209
39.578 LEV = 39.422
T.58 77.619



300' TAPE 136

93.05 LEV = 93.05
93.15 LEV = 93.15
T.54° 186.16

72.32 LEV = 72.32
42.54 LEV = 42.54
T.56° 114.84

125.37 LEV. = 125.37
129.33 LEV. = 129.33
T.58° 254.66

100' TAPE
TAPE No 0167
114.83@L@T:54° = 114.82

14-FEB 68 DBR

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

F. B. 3173 PG 260

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
PALMDALE B-7

AREA
THIS STATION IS IN LOS ANGELES COUNTY, IN THE ANTELOPE VALLEY, APPROX 1 MILE SOUTH OF PALMDALE IN THE S.P.R.R. RIGHT OF WAY.

ROUTE
FROM THE INTERSECTION OF SIERRA HWY. AND PALMDALE BLVD. DRIVE S'LY ON SIERRA HWY. 1.0 MI TO RAILROAD SIGNAL Nº 4146 ON WEST. PARK HERE AND WALK 80 FT. WEST TO STATION ON WEST SIDE OF TRACKS.

STATION MARK
A 3½" U.S.C.&G.S. BRASS TRIANGULATION STATION DISC STAMPED "PEACH 1938" SET IN 10"×10" CONC PAD AND UP 9"
REFR. U.S.C.&G.S. VOL. XVI PG 440
341181-1056

SUB-SURFACE MARK: NO REFR.

REFERENCE MARK Nº 1
A 3½" U.S.C.&G.S. BRASS BENCH MARK DISC STAMPED "E 427 1935" SET IN 6"×6" CONC PAD AND UP 3"

REFERENCE MARK Nº 2
A 3½" U.S.C.&G.S. BRASS BENCH MARK DISC STAMPED "F 427 1935" SET IN 6"×6" CONC PAD AND UP 2"

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Notes Ck'd by
Map No.
Office Work
Checked
Date

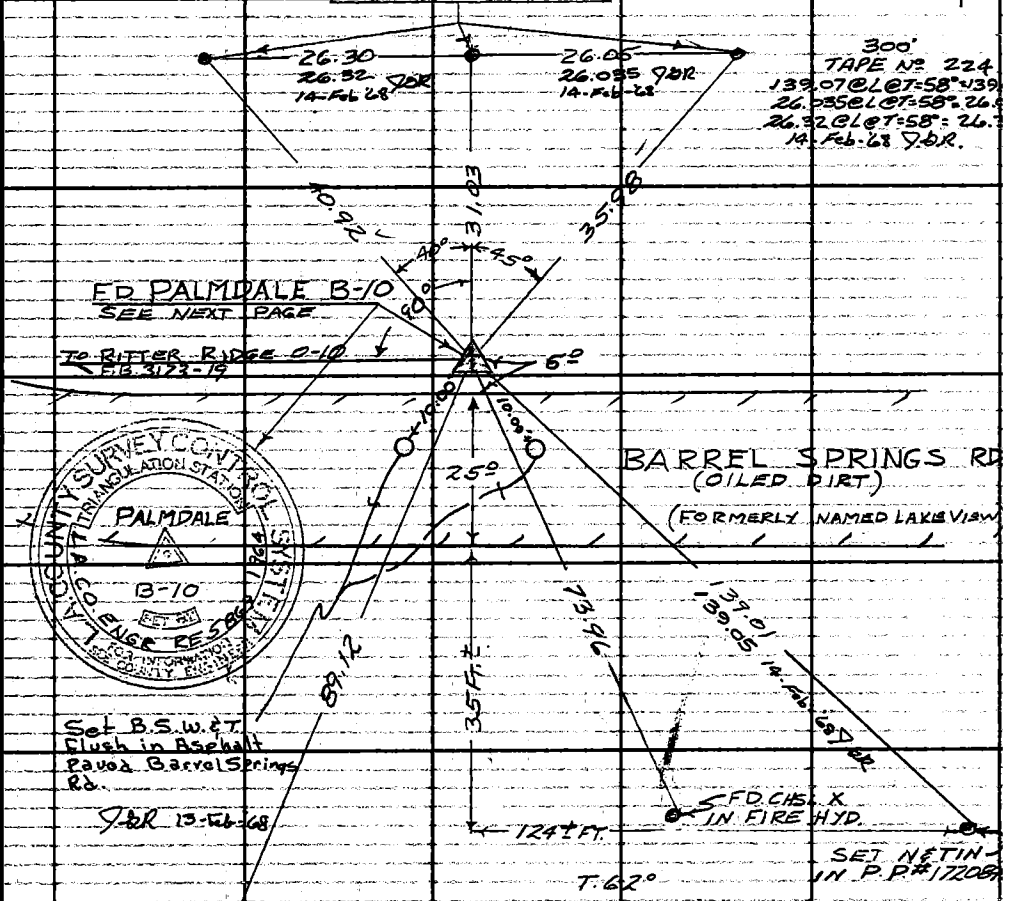
Survey of PALMDALE RESERVOIR F. B. 3173 PG. 261
JN 0301.06 Tape 136 Std 84 °F
Surveyed by FULTON
Notes J.F. Date 1-26-67
Indexed C. J. GALLI

Noted on Geo. Index Card
Noted on U.S.G.S. Quad. 8 hts.
Noted on Sur. Div. W.S.M.O.
Sketch on Geo. Desc. Card

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

PALMDALE B-10

FD 1" I.P.S.
CONC. PLUG & C.L. TAG
DOWN 12" F.B. 3173-21



T. 62°
89.13 LEV. = 89.12
73.97 LEV. = 73.96
139.03 LEV. = 139.01

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403 Los Angeles County Engineering Bldg.

78 F 3095 C.E. #310 0 6-62

F. B. 3173 PG. 222

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
PALMDALE B-10

AREA
THIS STATION IS IN LOS ANGELES COUNTY, IN THE ANTELOPE VALLEY, 2000 FT. SOUTH OF PALMDALE RESERVOIR.

ROUTE
FROM THE INTERSECTION OF SIERRA HWY. AND AVE. S, DRIVE SOUTH ON SIERRA HWY 1.2 MI TO BARREL SPRINGS RD (WEST), TURN RIGHT AND DRIVE WEST 0.5 MI TO STATION. MONUMENT IS 6ᵉ N. OF OILED PVMT. IN FRONT OF RANCHO CURSON MOTEL. YELLOW MARKER PIPE 14ᵉ NORTH OF STATION.

STATION MARK
A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIANG. DISC STAMPED "PALMDALE B-10, L.A. CO. ENGR. R.E. 5869, 1964" AND SET IN CONC. DOWN 24".

REFERENCE MARKS
SURFACE TIES ONLY, SEE PG 221

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
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Notes Ck'd by	Survey of PALMDALE RESERV.
Map No.	JN 0301.06 Tape M-6 136 Std 84 °F
Office Work	Surveyed by FULTON
Checked	Notes J.F. Date 1-31-67
Date	Indexed C. J. GALLI

F. B. 3178 Pg. 2-63

PALMDALE

IRRIGATION

DISTRICT

RESERVOIR

0301.06

ECCENTRIC TIES:

P.R. Nº 1 TO P.I.D. Nº 4

AND

P.R. Nº 4 TO P.I.D. Nº 1

(RECHAINED 31 JAN. '67)

INDEX PAGE 6-8

FULTON
DOVER
MARTINEZ
PYLE

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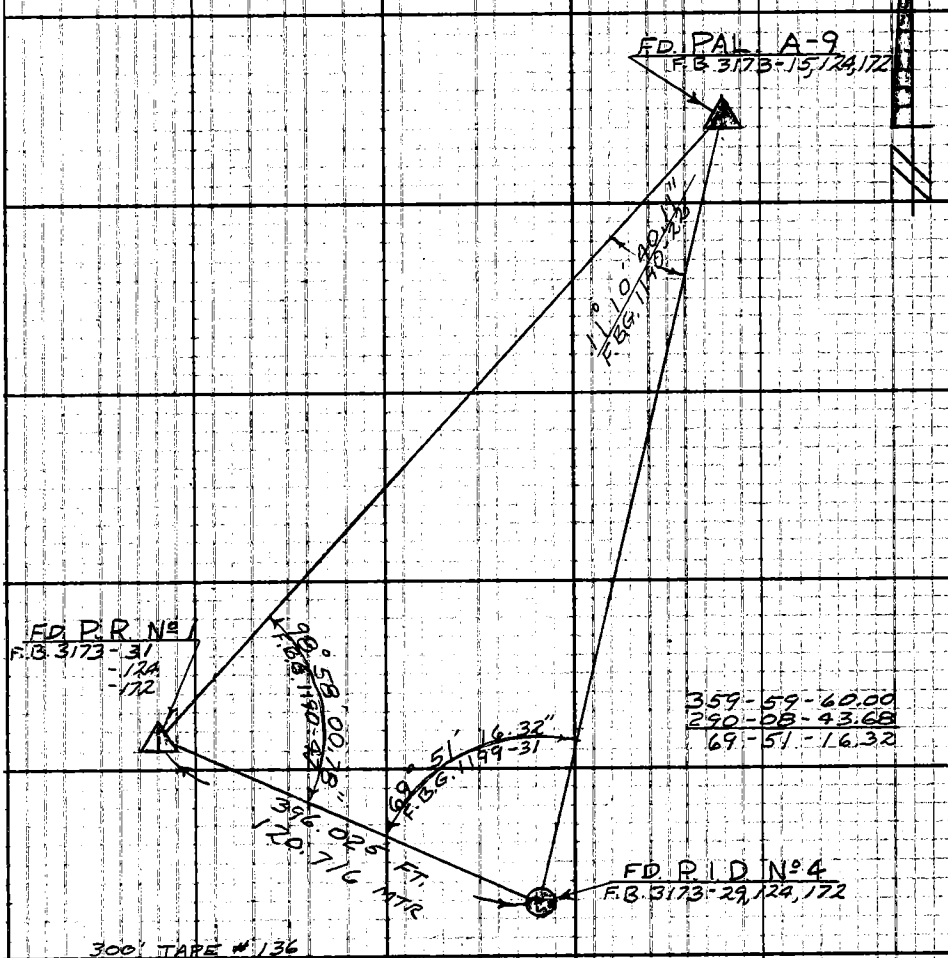
76F3095 CE #310 6-62

F. B. 3173 PG 264



359-59-60.00
290-08-43.68
69-51-16.32

300' TAPE # 136

84.925	LEVEL
146.635	
152.915	T. 52°
11.630	
396.105	
-.08	
396.025	

50 METER # M-6

25.891	LEVEL
44.696	
46.610	
3.543	
120.740	
-.024	
120.716	

Printed on Geo. Index Card
Placed on U.S.G.S. Quad. Sh
Placed on Sw. Div. W.S. Mo
Sketch on Geo. Desc. Card

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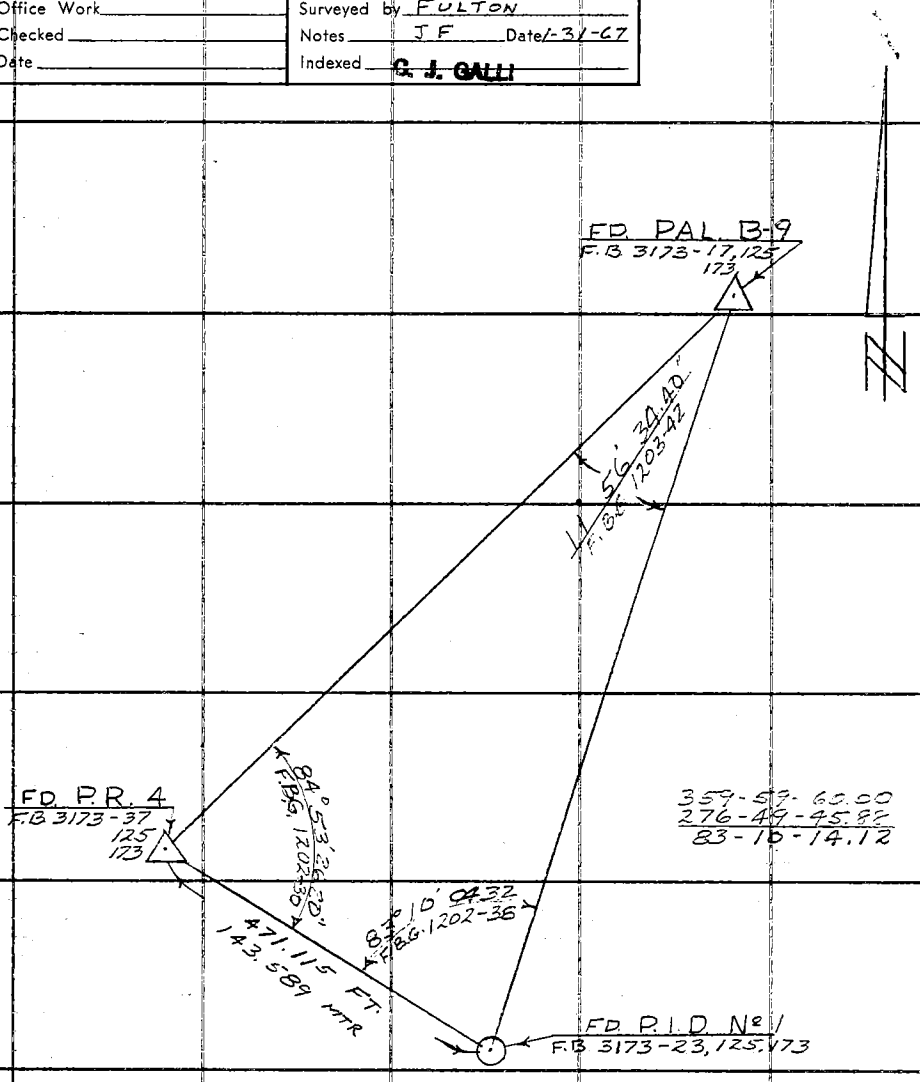
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of PALMDALE RESERVOIR
Map No.	JN 0301.06 Tape 136 M-6 Std 84 °F
Office Work	Surveyed by FULTON
Checked	Notes J F Date 1-31-67
Date	Indexed C. J. GALLI

F. B. 3173 PG. 265



359-59-60.00
276-49-45.88
83-10-14.12

300' TAPE 136

32.115 LEVEL
214.04
163.14 56°
61.91
471.205
-.09
471.115

50 METER M1-6

9.788 LEVEL
35.687
29.548 T. 56°
49.728
18.865
143.616
-.027
143.589

VOID JOR 14-Feb-68
~~(SEE BACK FOR ADDITIONAL CHAINING)~~

Noted on Map Index Card
Placed on U.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Bnd. Desc. Card

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

F. B. 3173 PG. 266

14 FEB 1968
MEASURMENTS
TEMP = 50°

TAPE # 223 (84°)

32.12
214.04
163.155
61.915
VC ~~471.220~~
-1.10
471.120 FEET

TAPE # M-4 (84°)

18.871
49.726
29.550
VC 35.892
~~9.791~~
143.630 METERS
= 471.226 FEET
-10
471.126 FEET

TAPE #

MEASUREMENTS
TEMP =

TAPE #

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PALMDALE IRRIGATION

Notes Ck'd by	Survey of DISTRICT RESERVOIR
Map No.	JN 0301.06 Tape Std °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 2-15-64
Date	Indexed E. J. GALLE MAR 17 '64

F. B. 3173 PG. 5

U. N. 0301.06

PALMDALE IRRIGATION

DISTRICT RESERVOIR

DESCRIPTIONS OF HORIZONTAL

AND

VERTICAL CONTROL MONUMENTS

FEBRUARY 1964

LIND
MARTINEZ
OHASHI
RODRIGUEZ R.R.
CHERRY

~~Not~~ microfilmed. June '85

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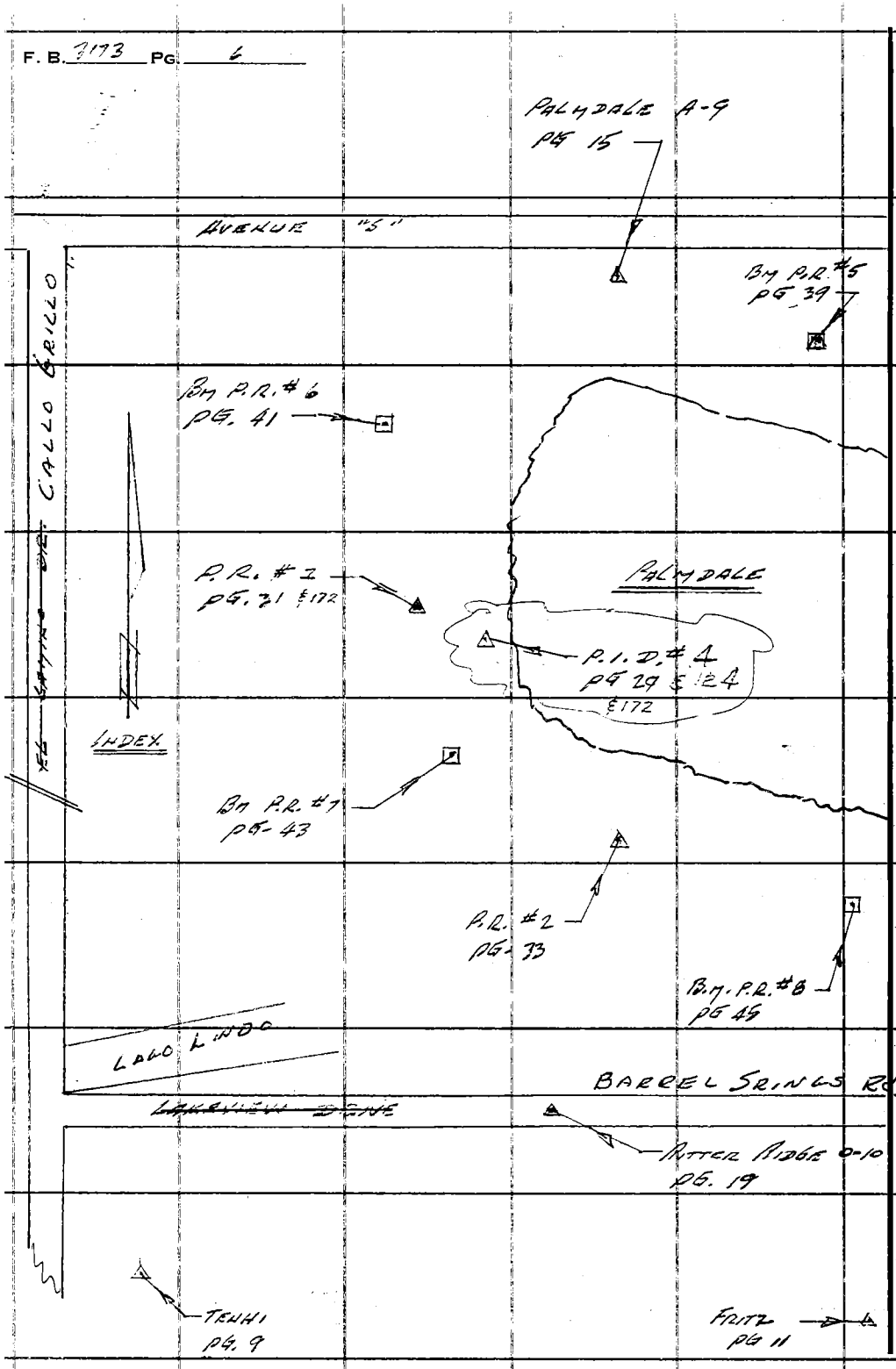
76F3095 CE #310 6-62

F. B. 3173 PG. 6



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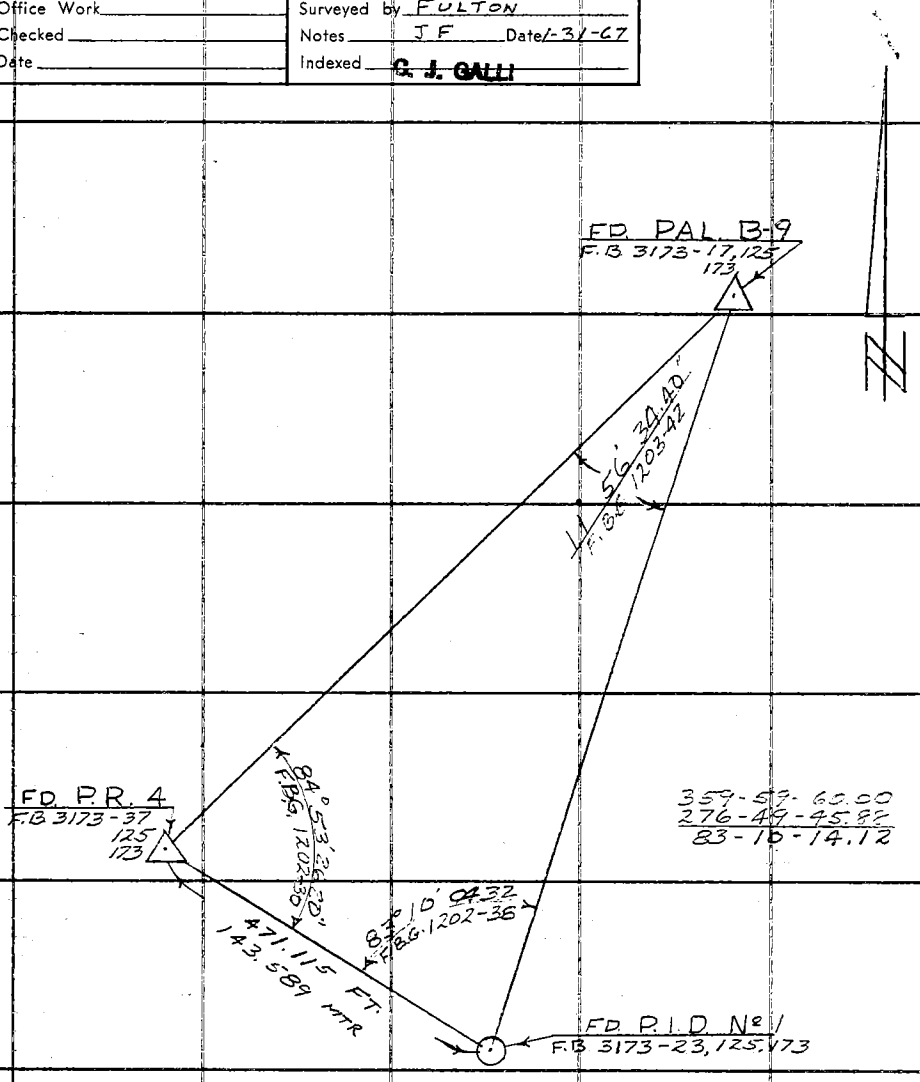
Do not extend this side of this line.

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

Notes Ck'd by	Survey of PALMDALE RESERVOIR
Map No.	JN 0301.06 Tape 136 M-6 Std 84 °F
Office Work	Surveyed by FULTON
Checked	Notes J F Date 1-31-67
Date	Indexed C. J. GALLI

F. B. 3173 PG. 265



359-59-60.00
276-49-45.88
83-10-14.12

300' TAPE 136

32.115 LEVEL
214.04
163.14 56°
61.91
471.205
-.09
471.115

50 METER M1-6

9.788 LEVEL
35.687
29.548 T. 56°
49.728
18.865
143.616
-.027
143.589

VOID JOR 14-Feb-68
~~(SEE BACK FOR ADDITIONAL CHAINING)~~

Noted on Map Index Card
Placed on U.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Bnd. Desc. Card

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