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		---- TEMPLE CITY----		
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Microfilmed [illegible]

P.W. [illegible]

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FORM 247 5M 5-46

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7SF3095 CE #310 6.62

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Profile No. | Notes Red. | Plotted | Job No. 6200 | Division No. | F.B. 1417 Pg. - 5

Date | Date | Survey of Sanitation Investigation - (Tyler Ave)

X-Sec. No. | Notes Chkd. | Checked | Survey by Granquist | Notes G. | Date 11-12-47

Date | Date | Map No. | Indexed Johnson | Date AUG 8 '50

J.N. 6200

SANITATION INVESTIGATION (TYLER AVE)

TEST BORINGS.

#1 = HOYT AVE & ELLIOTT AVE
2 = " " & WEAVER AVE.
3 = TYLER AVE & ELLIOTT AVE.
4 = TYLER AVE & WEAVER AVE.
5 = PECK ROAD & GARVEY AVE.
6 = PECK ROAD & KLINGERMAN St.

Party
GRANQUIST
MACK A
BEERS - N.C.
LeGAULT - R.C.

FOR LEVELS see Pg

ELEV.

F. S.

H. I.

B. S.

STATION

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FORM 307 5M 1-46

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STATION	B. S.	H. I.	F. S.	ELEV.		
			TEST HOLE No. 1.			
Location: Hoyt Ave. & Elliott Ave. S.E. Cor. 33' East & 21' South of Int of streets						
B.M. "T-1"	4.98	264.~~75~~ 70		259.~~765~~ 72	B.M. "T-1" EL. = 259.765 Hoyt Ave & Elliot Ave. S.W. Cor. Bt spk + W. in Drwy. 123 W. + 19' S. of Int.	Note. This EL. Not adj. FB. 1417 Pg 17
Test Hole #1			4.2	260.~~6~~ 5	Ground Surface testhole #1	
B.M. #T-1			4.98	259.~~765~~ 72	B.M. #T-1 EL. = 259.765 see above.	
			LOG OF TEST HOLE No. 1.			
			0.0 to 2.0		Brown Loam. dry & Hard.	
			2.0 to 3.5		dry. adobe. " "	
			3.5 to 5.0		adobe. Moist.	
			5.0 to 8.0		Moist sand.	
			8.0 to 9.0		Sand Moist	
			9.0 to 10.0		Wet Sand Water struck at 9.5'	
				9.5	9.5 Water stands after 19.5 hrs.	

F.B. 1417 Pg. 6

Job No. 6200 Division No. (Tyler Ave.) Notes Red. Plotted No. Profile

Survey of SANITATION Investigation Date Date X-Sec.

Survey by GRANQUIST Notes G. Notes Chkd. Checked No.

Indexed C. Johnson Date 11-12-47 Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
				TEST HOLE No. 2		
LOCATION:		Hoyt Ave & Weaver Ave. S.E. Cor. 61' East & 16' South of ℄ Int of Streets				
B.M. "#T-2"	4.64	260.965		256.325 (32)	B.M. #T-2 EL. = 256.325 F.B. 1417 P14. ← Not adjusted single circuit. Hoyt Ave & Weaver Ave. N.W. Cor. L+T. Inc b 5' W. of W. end C.R.	
Test Hole #2			4.6	256.4	Ground surface at Test hole #2	
B.M. "#T-2"			4.64	256.325 (32)	B.M. #T2 = EL. 256.325.	see above
				Log of TEST HOLE No. 2.		
			0.0' to 3.0'		Brown Loam dry.	
			3.0' to 5.0'		Sandy Loam damp.	
			5.0 to 7.0'		Sand damp.	
			7.0 to 8.0'		Sandy clay Wet.	
			8.0 to 9.5		Sand Wet. Struck Water at 8.0'	
			8.0		Water stands after 18 hrs	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6200 Division No. ____ F.B. 1417 Pg. 7
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X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Grandquist Notes G Date 11-15-47
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	
			TEST HOLE No. 3.		
Location: TYLER AVE. & ELLIOTT AVE. N.E. COR 20' North & 36' East of Int of streets.					
B.M. "T-3"	4.18	272.~~16~~ 12		267.~~975~~ 94	B.M. "T-3" EL.= 267.975 F.B. 1417 Pg 16 Not adj. single circuit. TYLER AVE. & ELLIOT AVE., N.W. Cor. Chiseled "X" in E. side Conc. Gas Meter Box, 118'N & 24'W. of INT.
Test hole #3			5.0	267.~~2~~ 1	Ground EL. of test Hole #3
BM. "T-3"			4.18	267.~~98~~ 94	B.M. "T-3" EL.= 267.975 For Desc. see above
			LOG of TEST HOLE No. 3.		
			0.0 to 4.0		sandy loam dry.
			4.0 to 5.0		" " damp.
			5.0 to 10.0		sand damp.
			10.0 to 11.0		" Moist.
			11.0 to 13.0		" Wet
				11.8	struck Water
				11.8	Water stands after 18 hrs. 3pm.

F.B. 1417 Pg. 8
Job No. 6200 Division No. Notes Red. Plotted No. Profile
Survey of Sanitation Investigation (Tyler Ave.) Date Date X-Sec.
Survey by BRANQUIST Notes G. Notes Chkd. Checked No.
Indexed C. Johnson Date 11-12-'47 Date Date

FORM 307 5M 1-46

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STATION	B. S.	H. I.	F. S.	ELEV.		
					TEST HOLE. No. 4.	
LOCATION:		TYLER		AVE, & WEVER AVE.		N.W. COR.
					33' North of FRTR, Road WEAVER Ave & 30' W Tyler Ave	
B.m. "T-4"	3.430	265.~~37~~ 36		261.~~940~~ 93	B.m. "T-4" EL.= 261.940	Not adj. single circuit. FB. 1417 Pg 14
					WEAVER Ave + TYLER AVE. N.W. COR.	
					Bt spk in Drwy to Gas Station. 80 W & 23.5 No of Pl Int.	
Test Hole #4			3.50	261.9	Ground surface Test Hole # 4.	
Bm. "T-4"			3.430	261.~~94~~ 93	B.m. "T-4" EL.= 261.940	See above
					LOG of TEST HOLE #4	
				0.0 to 3.0	silt dry	
				3.0 to 5.0	Sandy silt. damp.	
				5.0 to 9.0	Sandy " Moist.	
				9.0 to 12.5	Sand Wet	
				11.2	STRUCK Water at 11.2.	
				11.2	Water stands after 24 hrs	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6200 Division No. ____ F.B. 1417 Pg 9
Date ____ Date ____ Survey of Sanitation Investigation Tyler Ave
X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by Granquist Notes G. Date 11-12-47
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	
			TEST HOLE. No 5.		
LOCATION: PECK			ROAD + GARVEY AVE		S.W. COR.
			59' South of Fr Pvt Garvey Ave 20' W. of Fr Pvt of Peck Rd (to So)		
B.M. "T-5"	5.085	278.~~990~~ 97		273.~~905~~ 88	Bm. T-5 EL. = 273.905 ← This Not adj. Single Run Circuit FB. 1417 Pg 15
					GARVEY AVE. & Peck Rd. S.W. COR.
					L+N, in So. cb. GARVEY Ave. 77' W of ℄ Peck Rd. (to No.)
Test Hole #5			4.6	274.4	Ground Surface. Test Hole #5.
Bm. "T5"			5.085	273.~~905~~ 88	Bm. T-5. EL. 273.905 see above
			Log of		TEST hole No. 5.
			0.0 to	3.0	silt. dry.
			3.0 to	4.0	Sandy silt dry.
			4.0 to	7.0	" clay damp.
			7.0 to	9.0	Clayey sand "
			9.0 to	10.5	Clay Wet.
			10.5 to	12.0	Clayey sand. moist
			12.0 to	14.4	Sand. Wet.
				13.4	struck water at 13.4
					(Hole filled by Kids. Not Rebored.)

F.B. 1417 Pg. 10

Job No. 6200 Division No. Notes Red. Plotted Profile

Survey of Sanitation Investigation (Tyler Ave) Date Date No. X-Sec.

Survey by Granquist Notes G Notes Chkd. Checked

Indexed E. C. Johnson Date 11-[illegible]-47 Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
			TEST HOLE. No. 6			
LOCATION:			PECK ROAD & KLINGERMAN St. N.E. Cor.			
			22' North & 33' East of Int of streets.			
B.M. "T-6"	4.23	270.~~485~~ 46		266.~~255~~ 23	B.M. "T-6" EL. 266.255 FB 1417 Pg 15. Not adj. single circuit.	
					PECK Road & KLINGERMAN St. N.W. Cor	
					chis x in S.E. Cor Gas M Box 91 W. & 26 N. of Int.	
Test Hole #6			4.8	265.7	Ground surface test hole #6.	
B.M. "T-6"			4.23	266.~~255~~ 23	B.M. #T-6 EL = 266.255 See Above.	
			LOG of Test Hole #6			
			0.0' to 3.0'		clayey silt dry	
			3.0 to 4.0		silty sand damp.	
			4.0 to 6.0		Clayey " damp.	
			6.0 to 8.0		Sand Moist.	
			8.0 to 10.0		" Wet.	
				9.0	struck Water at 9.0	
				9.0	water stands after 23 hr's	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6200 Division No. ____ F.B. 1417 Pg. 11
Date ____ Date ____ Survey of SANITATION Investigation (TYLER Ave)
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by GRANQUIST Notes 5 Date 11-13-47
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 147 PG. 12

Job No. 6200 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of Sanitation Investigation (Tyler Ave.) Date _____ Date _____ No. _____

Survey by Granquist Notes 11-13-47 Notes Chkd _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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Profile No. | Notes Red | Plotted | Job No. 6200 | Division No. | F.B. 1417 Pg. 13
Date | Date | Survey of Temple City
X-Sec. No. | Notes Chkd. | Checked | Survey by N.R. Smith | Notes N.R.S. | Date 12-11-47
Date | Date | Map No. | Indexed X. C. Johnson | Date AUG 8 '50

JN 6200

~~TEMPLE CITY~~

SANITATION INVESTIGATION

TEST HOLES.

12-11-47

N.R. Smith
H.F. Frank
Don LeGault
W.P. Ronayne

ELEV.

F.S.

H.I.

B.S.

STATION

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LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		
			TEST HOLE No 1			
			San Gabriel Blvd. & Grand Ave. S.W. Corner			
			31.0 S. of ℄ of Grand Ave. & 69.5 W. of ℄ of San Gabriel Blvd.			
			0 To 15' of Sandy silt soil, Very dry			
	435				= ℄ Int of San Gabriel Blvd & Grand Ave	
			47		Ground at Hole #1	
			197		Bottom of Hole #1	
			TEST HOLE No 2			
			San Gabriel Blvd. & Las Tunas Dr. S.W. Corner			
			210.0 S. of ℄ of Las Tunas Dr. & 71.0 W of San Gabriel Blvd.			
			0 To 9.0' of Sandy silt, damp.			
			9.0 To 15.0' of Fine sand "			
	340				= ℄ Int. San Gabriel Blvd. & Las Tunis Drive	
			71		Ground at Hole #2	
			221		Bottom of " "	

F.B. 1417 PG. 14 Job No. 6200 Division No. Notes Red. Plotted Profile
Survey of Temple City Date 12-11-47 Date No.
Survey by N.R. Smith Notes N.R.S. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

FORM 307 10M 10-46

PLEASE RETURN TO
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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
					TEST HOLE No 3	
					San Gabriel Blvd. & E. Longden Ave. N.E. Corner	
					33.5 N. of ℄ of Longden Ave & 39.5' E. of San Gabriel Blvd.	
					0 To 14.0 Sand & Gravel, 14.0 To 15.0 Sand, Gravel, some clay, damp	
	431				℄ Int. of San Gabriel Blvd & E. Longden Ave	
			4 8		Ground at Hole # 3	
			19 8		Bottom of " "	
					TEST HOLE No 4	
					San Gabriel Blvd. & Huntington Drive (Double Drive), S.E. Corner.	
					62.0' S of ℄ P.E. R.R. & 159.0 E. of ℄ San Gabriel Blvd.	
					0 To 5.0' Sand & Gravel, 5.0 To 11.0' Sand & Coarse Gravel, Rock & Gravel at 11.0 damp	
	151				℄ Int. of San Gabriel Blvd, & (Huntington Dr.) (Double Drive) {= ℄ P.E. R.R.}	
			5 5		Ground at Hole #4	
			16 5		Bottom of " "	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6200 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Temple City
Notes Chkd. ____ Checked ____ Survey by N.R. Smith Notes N.R.S. Date 12-11-47
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1417 Pg. 15

FORM 307 10M 10-46

PLEASE RETURN TO
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700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			TEST HOLE Nº 5			
			Rosemead Blvd. & Huntington Drive S.W. Corner			
			53.0' W. of ℄ Rosemead Blvd & 233.10 S. of ℄ of {= ℄ of P.E. R.R. Huntington Drive (Double Drive)			
			0 To 7.0' Sand & Gravel, Find Rock & Gravel at 7.0' damp.			
	138				℄ Int. of Rosemead Blvd. & {= ℄ P.E. R.R. Huntington Drive (Double Drive)	
			6.7		Gound at Hole #5	
			13.7		Bottom of " #5	
			TEST HOLE Nº 6			
			Rosemead Blvd & Duarte Road N.W. Corner			
			56.5' W. of ℄ Rosemead Blvd, & 91.0' N. of ℄ of Duarte Road.			
			0 To 11.0' Sand & Gravel, Find Rock & Gravel at 11.0' damp.			
	595				℄ Int. Rosemead Blvd & Duarte Road.	
			4.50		Ground at Hole #6	
			15.5		Bottom of " "	

F.B. 1417 PG. 16

Job No. 6200 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of Temple City Date 12-12-47 Date ____ No. ____

Survey by N.R. Smith Notes N.R.S. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed A. C. Johnson Date ____ Date ____ No. ____

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			TEST HOLE Nº 7			
			Rosemead Blvd. & Las Tunas Drive. N.W. Corner			
			200.0 N. of ℄ of Las Tunas Dr. & 58.0 W of ℄ of Rosemead Blvd.			
			0 To 12.0 Sand, Gravel & Some Clay, 12.0 To 14.0 Sand & Gravel, Rock & Gravel at 14.0			
	724		℄ Int. of Rosemead Blvd. & Las Tunas Dr.			
			44		Ground at Test Hole #7	
			184		Bottom of " " "	
			TEST HOLE Nº 8			
			Rosemead Blvd. & Lower Azusa Rd. S.W. Corner			
			156.0 S. of ℄ Int. & 46.5 W. of ℄ of Rosemead Blvd.			
			0 To 7.0 Sand & Gravel, dry. 7.0 To 13.0 Sand, Gravel, some clay damp, 13.0 To 15.0 Sand, coarse gravel, mixed with small amt. of clay dgmp.			
	470		℄ Int. Rosemead Blvd & Lower Azusa Road			
			52			
			202			

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6200 Division No. ____
Date ____ Date ____ Survey of Temple City
X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by N.A.S. Notes N.A.S. Date 12-(15-14)-47
Date ____ Date ____ Map No. ____ Indexed John Doe Date ____

F.B. 1417 Pg. 17

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
					TEST HOLE No 9	
					Encinita Ave. & Live Oak Ave	
					3.0 N. & 5.0 W. of ℄ Int.	
					0 To 13.0 Sandy silt, with some rock. 13.0 To 15.0 Sand and gravel damp.	
					Note This hole was excavated to depth of 11.0' for construction	
					of Sewer M.H., now under construction.	
	0 0				℄ Intersection of Encinita Ave & Live Oak Ave	
			0 0		Ground at Test Hole #9	
			15 0		Bottom of " " "	
					TEST HOLE No 10	
					Lower Azusa Road & S. Baldwin Ave. S.W. Corner	
					40.0 S. and 89.0 W. of ℄ Int.	
					0. To 12.0 sandy silt, 12.0 To 15.0 Sand, damp.	
	4 22				℄ Int. Lower Azusa Road & S. Baldwin Ave	
			4 6		Ground at Test Hole # 10	
			19 6		Bottom of " " "	

F.B. 1417 PG. 18 Job No. 6200 Division No. Notes Red. Plotted Profile
Survey of Temple City Date 12-16-47 Date No.
Survey by N.R. Smith Notes N.R.S. Notes Chkd. Checked X-Sec.
Indexed B. C. Johnson Date Date No.

FORM 307 10M 10-46

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
					TEST HOLE Nº 11	
					Las Tunas Blvd. & Baldwin Ave	S.E. Corner
					133.5 S. and 44.0 E. of ℄ Int. of Las Tunas Blvd. & Baldwin Ave.	
					0 To 5.0' Sandy silt, 5.0 To 15.0, Sand and damp gravel, mixed with clay some	
					Note 800'± S. and 40'± W. of ℄ Int. Two new cess pools, 30.0' deep, sand, gravel and some rock, entire depth.	
	3.43				℄ Int. Las Tunas Blvd. & Baldwin Ave.	
			4.7		Ground at Test Hole #11	
			19.7		Bottom of " " "	
					TEST HOLE Nº 12	
					Duarte Road & Baldwin Ave.	S. W. Corner
					267.0 S. and 35.0 W. of ℄ Int. of Duarte Rd. & Baldwin Ave.	
					0 To 7.0 Sandy silt, 7.0 To 15.0 Sand & Gravel, damp.	
	2.66				℄ Int. of Duarte Rd & Baldwin Ave.	
			4.4		Ground at Hole #12	
			19.4		Bottom of " "	

Profile Notes Red ____ Plotted ____ Job No. 6200 Division No. ____
No. ____ Date ____ Date ____ Survey of Temple City
X-Sec. Notes Chkd ____ Checked ____ Survey by N.R. Smith Notes N.R.S. Date 12-(16-17)-47
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1417 Pg. 19

FORM 307 10M 10-46

PLEASE RETURN TO
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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
					TEST HOLE Nº 13	
					Lower Azusa Road & El Monte Ave.	N.E. Corner
					670.0 N. and 139.0 E. of ℄ Int.	
					0 To 4.0 Sandy silt, 4.0 To 6.5 Sand + Gravel, 6.5 To 12.0 Clay, Sand +	
					Gravel 12.0 To 15.0 Sand + Gravel, damp.	
	477				℄ Int. Lower Azusa Rd & El Monte Ave	
			5.4		Ground at Test Hole #13	
			20.4		Bottom of " " "	
					TEST HOLE Nº 14	
					Live Oak Ave. & El Monte Ave	S.E. Corner
					141.0 S. and 91.0 E. of ℄ Int.	
					0 To 5.0 Sandy silt, dry, 5.0 To 15.0 Sandy silt, mixed with clay, damp.	
	521				℄ Int. Live Oak Ave + El Monte Ave	
			5.0		Ground at Test Hole #14	
			20.0		Bottom of " " "	

Profile No. ____ X-Sec. No. ____

Notes Red. ____ Plotted ____ Date 12-17-47 Date ____

Notes Chkd. ____ Checked ____ Date ____ Date ____

Job No. 6200 Division No. ____

Survey of Temple City

Survey by N.R. Smith Notes N.R.S.

Indexed A. C. Johnson Date ____

F.B. 1417 PG. 20

F.B. 147 Pg. 21

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1200 Division No. ____
Date ____ Date ____ Survey of 14TH Street.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Granquist Notes G. Date 11-10-47
Date ____ Date ____ Map No. ____ Indexed G. Johnson Date AUG 5 '50

C. I. No. 1200.

14TH STREET. et al.

TEST DORINGS.

Party
Granquist
Mack T
BEERS
Le Gou Lt.

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

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FORM 307 SM 1-46

FORM 307 5M 1-46

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
		Test Hole No. 1.			
Location:		14TH Street & Eastbrook Ave. S.E. Cor. 38' South & 25' East of ℄ Int			
B.m. #AW7	5.40	64.28		58.88	Bm. AW.7 EL.= 58.879 FB. 1125 Pg 198 (FB. 1273 Pg 6) 14TH Street & Eastbrook Ave. N.W. Cor. Bt spk in Cb. 7.5' N of N. end C.R.
Test Hole #1			5.2	59.1	Ground Surface at test Hole #1
B.m. AW7			5.40	58.88	Bm. AW.7 EL.=58.879 see above.
			Log of Test hole #1		
			0.00 to	6.0	sand damp.
			6.0 to	7.0	clay. moist.
			7.0 to	9.0	Wet clay.
				8.4	struck Water at 8.4'
				7.4	Water stands after 42 hr's

F.B. 1417 Pg. 22 Job No. 1200 Division No. Notes Red Plotted Profile
Survey of 14TH Street Date Date No.
Survey by Granquist Notes G Notes Chkd Checked X-Sec.
Indexed R. C. Johnson Date 11-10-'47 Date Date No.

FORM 307 5M 1-46

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STATION	B. S.	H. I.	F. S.	ELEV.	
			Test Hole No. 2.		
Location:			IBBETSON AVE. & ROSE AVE.		
			on ℄ of Ibbetson Ave. & 35' So. of S.P.L. Rose Ave.		
B.M. #AW19	3.50	65.33		61.~~829~~ .83	BM. AW.19 EL. = 61.829 F.B. 1273 Pg 7 Ibbetson Ave (W. Si) 150± W. & 250' S. of ℄ Rose Ave. Bt spk in conc Base of E. cor So. Calif. Edison Tower #M3P6
Test Hole #2 Ground Surface.			5.5	59.8	Ground surface test Hole #2
BM AW. 19			3.50	61.83	BM AW. 19 EL. 61.829 See above
			Log of test Hole #2.		
			0.0 to 2.0		Sand dry.
			2.0 to 7.0		Sand damp.
			7.0 to 8.0		Wet sand. struck water at 8.0
			8.0 to 9.3		Water + sand.
				8.0	Water stands after 42 hr's

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1200 Division No. ____ F.B. 147 Pg. 23
X-Sec. No. ____ Date ____ Date ____ Survey of 14 TH. Street
Notes Chkd. ____ Checked ____ Survey by Grunquist Notes G Date 11-12-47
Date ____ Date ____ Map No. ____ Indexed J Date ____

FORM 307 5M 1-46

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STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE No. 3.				
Location:		14TH street & Ibbetson AVE, NE. COR.				
		30' North & 15' East of ℄ Int.				
B.M. "AW.17"	4.61	62.96		58.35	B.M. "AW 17" EL. 58.352 Ibbetson AVE & 14Th St. S.E. cor Bt spk in cb. 5' S. of send C.R.	F.B. 1273 Pg 6
Test Hole #3			4.8	58.2	Ground Surface at Test Hole #3.	
B.M. "AW.17"			4.61	58.35	B.M. AW.17 EL. 58.352	see above.
			LOG of		Test Hole #3	
			0.0 to 3.0		Sand dry	
			3.0 to 5.0		Sand clay damp.	
			5.0 to 7.0		Sand moist.	
			7.0 to 9.0		Sand struck water at 7.0'	

F.B. 1417 Pg. 24

Job No. 1200 Division No. ____ Notes Red. ____ Plotted ____ Profile

Survey of 14th Street Date ____ Date ____ No. ____

Survey by GRANQUIST Notes G. Notes Chkd ____ Checked ____ X-Sec.

Indexed R. O. Johnson Date 11-12-47 Date ____ Date ____ No. ____

FORM 307 5M 1-46

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STATION	B. S.	H. I.	F. S.	ELEV.		
					TEST HOLE No. 4	
Location: Ibbetson AVE. South of Hedda St.						
					6' West of ℄ Ibbetson Ave. + 230' So. of ℄ Hedda St.	
B.m. "AW-15"	4.57	61.89		57.32	B.m. "AW.15" EL. = 57.316	F.B. 1273 Pg 6
					Ibbetson Ave (E si) 100' So. of ℄ Hedda St.	
					Bt. spk in E.Cb.	
Test Hole #4			4.5	57.4	Ground Surface at Test Hole #4	
Bm. "AW-15"			4.57	57.32	Bm. "AW.15" EL. 57.316	see above.
					LoG of test Hole #4	
					0.00 to 3.0	sandy Loam, dry.
					3.0 to 5.0	sandy clay moist
					5.0 to 7.0	clay wet.
					7.0 to 8.7	sand wet
					8.7 to 10.0	Sand. Struck Water at 8.0

Profile Notes Red ____ Plotted ____ Job No. 1200 Division No. ____ F. 417 Pg. 25
No. ____ Date ____ Date ____ Survey of 14th Street.
X-Sec. Notes Chkd ____ Checked ____ Survey by Granquist Notes G. Date 11-12-47
No. ____ Date ____ Date ____ Map No. ____ Indexed J. Date ____

FORM 307 5M 1-46

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STATION	B. S.	H. I.	F. S.	ELEV.	
		TEST	HOLE	No. 5.	
Location:		Lot 15.	tract 12551.		west of Edison R/W.
		5' West & 15' North of S.E. cor of 15.			
B.M. "AW 14"	4.22	63.12		58.~~898~~ 90	B.M. "AW-14" EL. = 58.898 F.B. 1273 P 6
					800' ± So. 125' East of ℄ Int. Eastbrook Ave & 14th St.
					Bt spk 1' W. of East end conc Walk Rear of No. #5942 (Lot 15 Tr. 12551)
Test Hole #5			4.6	58.5	Test Hole #5. Ground Surface.
B.M. "AW. 14"			4.22	58.90	B.M. "AW14" EL. 58.898 See above.
		Lot of Test Hole #5.			
			0.00 to	2.0	Sandy Loam dry.
			2.0 to	5.0	sand dry.
			5.0 to	7.0	" damp.
			7.0 to	8.0	" wet.
			8.0 to	9.7	sandy clay. struck Water 8.1

Profile
Plotted ____ No. ____
Date ____ X-Sec.
Checked ____ No. ____
Date ____

Job No. 1200 Division No. ____ Notes Red ____
Date ____
Notes Chkd ____
Date ____

Survey of 14TH. street
Survey by Granquist Notes G.
Indexed R. C. Johnson Date 11-12-47

F.B. 1417 Pd. 26

Profile	Notes Red.	Plotted	Job No. 1163	Division No.	F.B. 1167 Pg.
No.	Date	Date	Survey of Perry Road S.S. Bell Gardens		
X-Sec.	Notes Chkd.	Checked	Survey by Granovist	Notes G	Date 1-8-48
No.	Date	Date	Map No.	Indexed C. Johnson	Date AUG 8 50

J.N. 1163

PERRY Road S. S. Dist.

BELL GARDENS.

TEST HOLES. (Recheck 1-8-48)

Party
Granovist
Mack
Meers.
West
Maldonado.

see F.B. 1165 page 7
for Original Test Holes

ELEV.

F. S.

H. I.

B. S.

STATION

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PLEASE RETURN TO
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700 HALL OF RECORDS

FORM 307 SM 7-43

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.	
		Test Hole.		No. 1	(Recheck 1-8-48)
Location - Gotham St. 16' N. of ℄ 1st Alley N.W. of Scout Ave. 13' E. of E.P.L. of Alley.					
Bm #H.F. 64	4.19	122.90		118.~~708~~ 71	B.m. H.F. 64 EL. 118.708 FB 1219 Pg 15 1st Alley N. of Scout Ave. 190' ± E. of Gotham St. Pt spk in conc. apron. to Garage No. #6367
Test Hole #1			5.4	117.5	Ground Surface at Test Hole #1
B.m. #H.F. 64			4.19	118.71	B.m. H.F. 64. EL. 118.708 see above.
			Log of Test Hole #1		
			0.0	6.1	Sand
			5.6		Struck Water at 5.6'
				5.6	Water stands after 2 hrs

Job No. 1163 Division No. Notes Red. Plotted Profile
Survey of Perry Road ss Bell Gardens Date Date No.
Survey by Grand Dist. Notes G. Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson 1-8-48 Date Date No.

FORM 307 SM 7-43

PLEASE RETURN TO
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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
					Test Hole #2 (Recheck 1-8-47)
					Location: Clara St, 40' South of ℄ & 112' W. of Int. of Scout Ave., S. W. Cor.
BM "HF-57"	4.29	126.24		121.95 ~~954~~	BM "HF-57" Elev. = 121.954 (FB 1219-12) Clara St. (N. side) & Scout Ave. Bt. Spk. in W. end conc. walk to office bldg.
Test Hole #2			4.4	121.8	Ground Surface at Test Hole #2
BM "HF-58"			3.54	122.70	BM "HF-58" Elev. = 122.706 (FB 1219-12) Scout Ave (E. side), 350' ± S.W. of Clara St. Cut spk. in P.P. # 459834-E
					Log of Test Hole #2
			0.0	to 6.0	Sandy Loam
			6.0	" 8.0	Damp Sand
			8.0	" 10.0	Silty Clay, moist
			10.0	" 13.0	Silty Clay, wet
			13.0	" 14.0	Wet Clay
					Struck Water @ 13.1'
				9.0	Water stands @ 9.0' after 3 hours

Profile No. ____ Notes Red. ____ Plotted ____ Date ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Job No. 1163 Division No. ____ Survey of Perry Road. S.S. Survey by Grumquist Notes Mack Date 1-8-47 Map No. ____ Indexed Johnson Date ____
F.B. 47 Pg. 29

BK 47 PG. 30

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

FORM 307 5M 7-43

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FORM 307 10M 10-46

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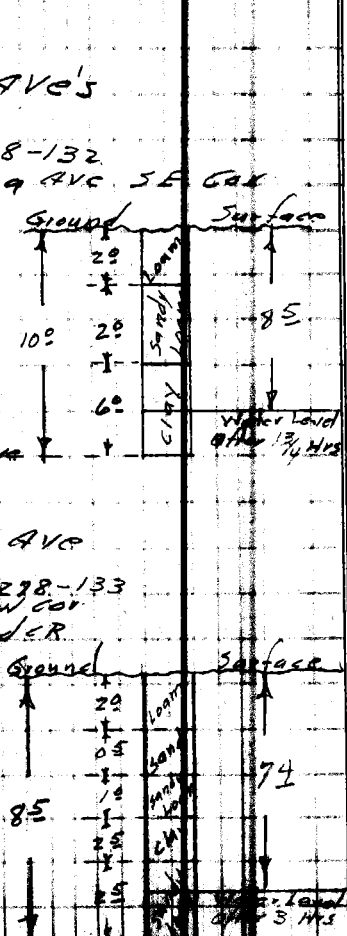
STATION	B. S.	H. I.	F. S.	ELEV.	
		TEST HOLE No 1			
25' N & 15' W of Int Cortland & Virginia Ave's					
BM E12	4.64	87.92		83.28	BM E12 El 83.278 FB 1278-132 Cortland Ave & Virginia Ave SE Cor L&T in MCR
			4.78	83.14	Pit at ℄ int
			5.2	82.7	Ground at Test Hole
			13.7	74.2	Water level after 1 3/4 Hrs
TP	4.63	87.80	4.75	83.17	
BM E12			4.52	83.28	BM E12 El: 83.278 See above
		TEST HOLE No 2			
75' S & 25' W of ℄ int Cortland Ave & Vista Ave					
BM EA5	4.46	88.01		83.55	BM EA5 El 83.549 - FB 1278-133 Cortland Ave & Louise Ave NW Cor Bt spt in Cb 5' W of W end ℄R
			4.98	83.03	Pit ℄ Vista Ave 75' S of ℄ int
			6.2	81.8	Ground at Test Hole
			13.6	74.4	Water level after 3 Hrs
TP	4.46	87.85	4.62	83.39	
BM EA5			4.30	83.55	BM EA5 El: 83.549 See above



Profile
No. Notes Red Plotted Job No. 1228 Division No.
Date Date Survey of El Granada Ave Et al
X-Sec. Notes Chkd Checked Survey by Sunderman Notes HWG Date 2-16-48
No. Date Date Map No. Indexed Jan 1950 Date AUG 8 '50

F.B. 1417 Pg. 31

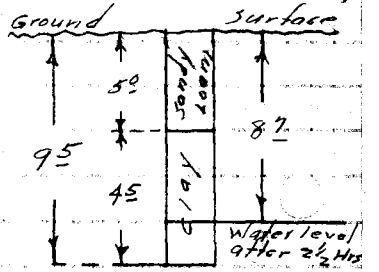
FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

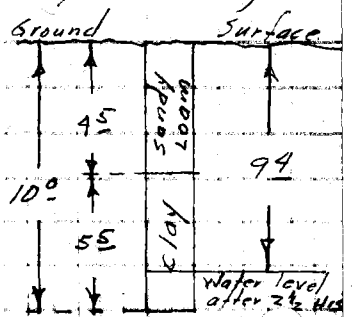
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
					TEST HOLE No 3
					On ℄ Vieta Ave 700' ± S of ℄ Cortland Ave (S bdry of Dist)
BM EA4	427	85 90		8163	BM EA4 El: 81630 FB 1278-133. Viota Ave (W side) 700' ± S of ℄ Cortland Ave L&T in conc Drive in front of house #11623
			4 93	8097	Send Pvt Vieta St 5' N of Test Hole
			4 8	81 1	Ground at Test Hole
			13 5	72 4	Water El after 2½ Hrs.
TP	221	85 75	2 36	83 54	
BM EA4			4 11	81 64	BM EA4 El: 81630 See above



STATION	B. S.	H. I.	F. S.	ELEV.	
					TEST HOLE No 4
					On ℄ Virginia Ave 775' ± S of ℄ Cortland Ave. (S bdry of Dist)
BM EA1	485	87 45		8260	BM EA1 El: 82597 FB 1278-132 Virginia Ave (E side) 750' ± S of ℄ Cortland Ave Bt Spk in cb 20' N of send
			5 0	82 5	Ground at Test Hole
			14.4	73 1	Water El after 2½ Hrs.
TP	508	87 67	4 86	82 59	
BM EA1			5 06	82 61	BM EA1 El: 82597 See above



F.B. 1417 PG. 32
Job No. 1228 Division No. Notes Red. Plotted Profile
Survey of El Granada Ave ET AL Date Date No.
Survey by Gunderson Notes Hyd. G Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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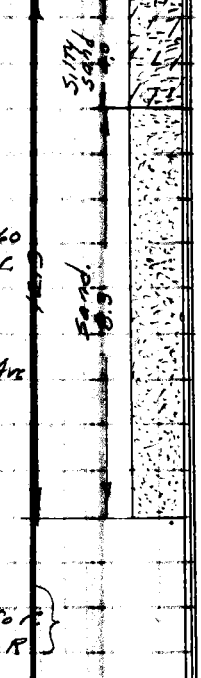
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
					TEST HOLE #1
					MEEKER AVE. DIST.
					Garvey Ave + Musgrove Ave
					94.0 S. and 30' W. of ℄ Int.
BM, Rd. Dept LQ-320 pg 2	690	280 96		274 06	B.M. Rd. Dept. LQ 320-pg 2 Elev = 274.060 Garvey Ave + Merle Ave (Peck Road) S.W. Cor. L+T in Cb. 3'± W. of W. end C.R.
T.P.	543	283 36	303	277 93	
			408	279 28	= ℄ Int. Garvey Ave + Musgrove Ave
			45	278 8	Ground at Test Hole #1
			436	279 00	Fd Roofing Nail BM. (No Ref.) Garvey Ave + Musgrove Ave S.W. Cor. Roofing Nail in Cb 1' W of W end C.R.
T.P.	563	285 72	327	280 09	
			475	280 97	Fd. Roofing Nail BM (No Ref.) Garvey Ave + Meeker Ave S.E. Cor. Fd. Roofing Nail in Cb. 3' E. of E. end C.R.
T.P.	595	287 61	406	281 66	
T.P.	554	288 83	432	283 29	
T.P.	590	290 69	404	284 79	
T.P.	257	289 16	410	286 59	Fd. BM (No Ref.) Garvey Ave + Mtn. View Rd. S.W. Cor. Fd. Roofing Nail in Cb. 1'± N. of S. end C.R.

To Pg. 34



Profile No. ____ Notes Red ____ Plotted ____ Job No. 6200 Division No. ____ F.B. 1417 Pg. 33

X-Sec. No. ____ Date ____ Date ____ Survey of Meeker Ave Dist

Notes Chkd. ____ Checked ____ Survey by N.R.S. Notes N.R.S. Date 3-18-48

Date ____ Date ____ Map No. ____ Indexed ____ Date AUG 8 50

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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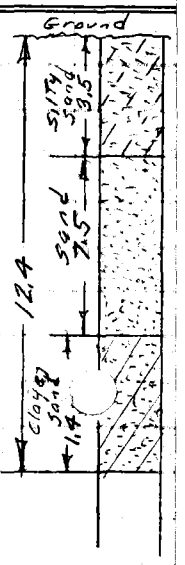
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
	From Pg. 33				TEST HOLE #2
					MEEKER AVE. DIST
					Garvey Ave & Mountain View Rd
					190' S. & 23.5' W. of ℄ Int.
		289 16			
			38	285 3	Ground at Test Hole #2
T.P.	376	286 94	598	283 18	
T.P.	377	284 68	603	280 91	
T.P.	346	281 50	664	278 04	Set spk 4' E. of PP. #217303 E
T.P.	294	277 10	734	274 16	

To Page 35



F.B. 1417 PG. 34
Job No. 6200 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of Meeker Ave Dist Date ____ Date ____ No. ____
Survey by N.R. Smith Notes N.R.S. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. Johnson Date 3-18-48 Date ____ Date ____ No. ____

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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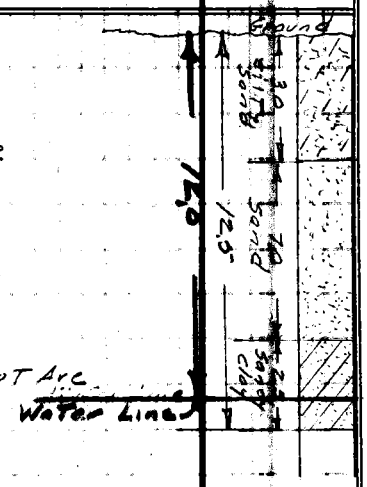
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
					TEST HOLE #3
					MEEKER AVE DIST
					Meeker Ave + Elliot Ave
					71.0 N. + 19.0 W of ℄ Int.
		277 10			
			50	272 1	Ground at Hole #3
			457	272 53	℄ Int. Meeker Ave + Elliot Ave
T.P.	502	276 33	579	271 31	
T.P.	453	274 57	629	270 04	

From page 34

To page 36



Note

No water in hole when dug water seeped in over night

Profile Notes Red ____ Plotted ____ Job No. 6200 Division No. ____
No. ____ Date ____ Date ____ Survey of Meeker Ave Dist
X-Sec. Notes Chkd. ____ Checked ____ Survey by N.R. Smith Notes N.R.S. Date 3-18-48
No. ____ Date ____ Date ____ Map No. ____ Endorsed Johnson Date ____

F.B. 1417 Pg. 35

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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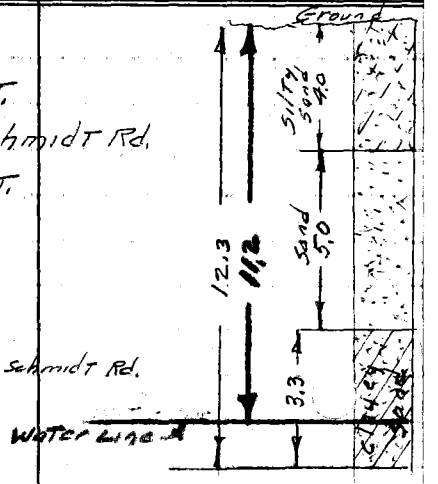
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
	From page 35				TEST HOLE #4
					MEEKER AVE. DIST.
					Mountain View Rd. & Schmidt Rd.
					33.0 W & 25.0 S. of ℄ Int.
		274 57			
			48	269 8	Ground at Hole #4
			430	270 27	℄ Int. Mountain View Rd & Schmidt Rd.
T.P.	561	274 41	577	268 80	
T.P.	556	276 51	346	270 95	
		To page 37			



Note
No water in hole when dug
Water seeped in overnight

F.B. 1417 Pg. 36
Job No. 6200 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of Meeker Ave Dist Date ____ Date ____ No. ____
Survey by N.R. Smith Notes N.R.S. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed R. C. Johnson Date 3-18-48 Date ____ Date ____ No. ____

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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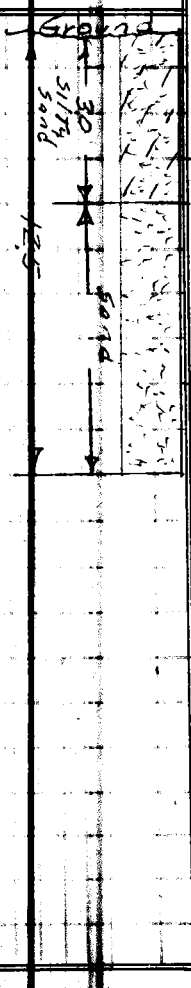
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
	From page 36				TEST HOLE #5
					MEEKER AVE DIST
					Peck Road + Elliot Ave
					50.0' S. & 19.0 W. of ℄ Int.
		276.51'			
			5.6	270.9'	Ground at Hole #5
			4.5	272.0'	= ℄ Int. Peck Rd + Elliot Ave
T.P.	6.18	279.36'	3.33	273.18'	
T.P.	4.39	279.77'	3.98	275.38'	
		To page 38			



Profile No. ____ Notes Red ____ Plotted ____ Job No. 6200 Division No. ____
Date ____ Date ____ Survey of Meeker Ave Dist
X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by N.R. Smith Notes N.R.S. Date 3-18-48
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1417 Pg. 37

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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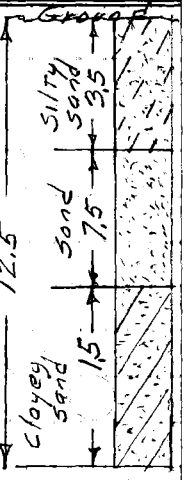
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
	From page 37				TEST HOLE #6 MEEKER AVE DIST Peck Road & Magnolia ST. 74.0' E. & 19.0 N. of ℄ Int.	
		279 77				
			47	275 1	Ground at Hole #6	
			435	275 42	℄ Int. Peck Rd. & Magnolia Ave	
T.P.	460	279 17	520	274 57		
BM Rd Dept LQ-320-2			511	274 06	BM, Road Dept LQ-320-2 Garvey Ave & Merle Ave (Peck Road) S.W. Cor. L&T. in Cb. 3' W. of W. end C.R.	



F.B. 1417 PG. 38 Job No. 6200 Division No. Notes Red. Plotted Profile
Survey of Meeker Ave Dist Date Date No.
Survey by N.R. Smith Notes Notes Chkd. Checked X-Sec.
Indexed R.C. Johnson Date 3-18-48 Date Date No.

Profile No. | Notes Red | Plotted | Job No. 6200 | Division No. | F.B. 1417 Pg. 39
Date | Date | Survey of FAWCETT AVE.
X-Sec. No. | Notes Chkd | Checked | Survey by GranQuist | Notes G. | Date 4-7-48
Date | Date | Map No. | Indexed [illegible] | Date AUG 8 '50

J.N. 189 - 6200
FAWCETT AVE.
Sanitation Investigation

TEST HOLES.
#1 = FAWCETT AVE & LOMA AVE. S.E. COR.
#2 = LOMA AVE. & Proposed KIRK St. (SW Cor Lot 73.)
#3 = ROSEMEAD BLVD. & FAWCETT AVE.
#4 = ROSEMEAD BLVD & KIRK St.
#5 = CHICO AVE. & LINA St.

F.B. 1417 Pg 39 to 44
For Level of Test Holes see pg 45 to pg 48

ELEV.

F.S.
Party
GranQuist
Mack - ⊼
Sappell = H.C.
Maldonado = R.C.

H.I.

B.S.

STATION

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 SURVEYOR
700 HALL OF RECORDS

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FORM 307 10M 10-46

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE No. 1				
Location:		FAWCETT Ave. & LOMA AVE.			S.E. Cor. (Not adj)	30' So. & 30' E. of Int.
B.M. #1	4.14	221.29		217.15	BM. #1 EL. 217.15 as	Per FB. 1417 Pg 46
					FAWCETT Ave & Loma Ave. N.W. COR.	
					R.R. SPK. IN E. SI. P.P. #374959E.	
Test Hole #1			4.3	217.0	Ground Surface Test Hole #1.	
Bm #1			4.14	217.15	B.M. #1 see above	& Pg 46
			LOG of TEST HOLE No. 1.			
			0.0 to 2.0'		Silty clay.	
			2.0' to 2.5'		D.G. (brown)	
			2.5' to 3.5'		clayey Sand moist.	
			3.5 to 5.0		Sand Wet.	
			5.0 to 5.5		clay " (Grey) Struck Water at 5.0	
			5.5 to 6.6		Clay " & Traces of Peat or Muck.	
			3.0'		Water Stands after 20 hrs. 3.0'	

F.B. 1417 PG. 40

Job No. 6200 189 Division No. Notes Red. Plotted Profile

Survey of FAWCETT Ave (Sanitation Invest) Date Date No.

Survey by Grandquist Notes G Notes Chkd Checked X-Sec.

Indexed [illegible] Date 4-7-48 Date Date No.

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
			TEST HOLE No. 2		
Location:			LOMA AVE. & ℄ Prod of Kirk St. (or S.E. Cor of Lot 73)		
			24' East of ℄ Loma Ave. & 19' N. of approx ℄ Prod. of Kirk St.		
Bm. #2	1.71	217.16		215.45	Bm. #2 EL. 215.45 (Not adj.) Per F.B. 1417 Pg 46
					Loma Ave (W. Si) 'No. of approx ℄ Prod Kirk St.
					cut spk in E. Si. P.P. #374966 E.
Test hole #2			2.3	214.9	Ground Surface Test hole #2
			1.71	215.45	BM #2 EL. 215.45 see above
			LOG of Test hole No. 2		
			0.0' to 2.0		Sandy Silt.
			2.0' to 4.0		Clayey Silt.
			4.0' to 5.2'		Silty Clay traces of D.G. brown
			5.2' to 7.0		" Sand. Moist
			7.0 to 7.5		" clay " With traces of D.G. brown
			7.5 to 7.8		" " " " " Peat or Muck
			7.8 to 10.0		Clay. (Grey) Wet Struck Water at 7.8'
			6.8'		Water stands at 6.8' after 20 hrs

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6200 (189) Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of FAWCETT Ave. (Sanitation Investigation)
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Date ____

F.B. 1417 Pg. 41

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE No. 3.				
Location:		ROSEMEAD BLVD & FAWCETT AVE.				N. E. COR
			45' E. & 30' North of Int.			
B.M. #17 (Rd)	6.93	225.54		218.~~605~~ 61	B.M. #17 EL. = 218.605 as per B.A. 247/3 (Rd dept) Rosemead Blvd & Fawcett Ave N.W. Cor. Conc. Mon. 26" dp. 50' No. & 65' W. of ℄ Int.	
Test Hole #3.			4.4	221.1	Ground Surface at test Hole #3.	
B.M. #17 Rd.			6.93	218.~~605~~ 61	B.M. #17 EL. = 218.605	see above.
			Log of TEST HOLE No. 3			
			0.0' to 1.0'		Sandy silt.	
			1.0' to 3.0		silty clay	
			3.0' to 3.5'		" " Traces of brown D.G. wet	
			3.5' to 4.2'		Sand + Traces of " " " "	
			4.2' to 5.0		Sand Wet Struck Water at 3.9'	
			3.9'		Water stands at 3.9' after 20 hr's.	

F.B. 1417 PG. 42 | Job No. 189-6200 | Division No. | Notes Red. | Plotted | Profile
Survey of FAWCETT Ave. (Sanitation Investigation) | Date | Date | No. | X-Sec.
Survey by Franquist | Notes G | Notes Chkd | Checked
Indexed A. C. Jo[illegible] | Date 4-7-48 | Date | Date | No.

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		
			TEST	HOLE	No. 4	
Location:		ROSEMEAD	BLVD &	KIRK St.		
				approx. ℄ Kirk St. & 50' W. of ℄ Rosemead		
B.M. #4	5.36	220.12		214.76	Bm. #4 EL. 214.76 (Not adj.)	as per F.B. 1417 Pg. 47
					Rosemead Blvd. & Kirk St. N.W. Cor.	
					Bt. spk. in Pvt. 1' S.E. of S.E. Cor. bldg. 82' W. & 20' N. of Int.	
Testhole #4			5.1	215.0	Ground surface at Test hole #4	
B.M. #4			5.36	214.76	B.M. #4 EL.	see above.
				Log of Test Hole No. 4		
			0.0'	1.0'	clayey silty Sand.	
			1.0'	2.8'	Sandy Silt.	
			2.8'	4.5'	Sand. damp.	
			4.5	5.2'	" & Traces of brown D.G.	
			5.2'	6.5'	" & Light Gravel. Wet Struck Water 5.0'	
			5.0'		water stands at 5.0' after 25 hrs.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6200 Division No. ____ F.B. 1417 Pg. 43
Date ____ Date ____ Survey of Fawcett Ave. (Sanitation Investigation
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Granquist Notes G. Date 4-7-48
Date ____ Date ____ Map No. ____ Indexed C. Jo[illegible] Date ____

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST	HOLE	No. 5.		
Location :-		CHICO	AVE	& LINA St. SW.COR.		
				30' South + 25' West.		
B.M. # 5	4.59	227.09		222.50	B.M. #5 EL.- (Not adj)	as per F.B. 1417 Pg 47
					CHICO Ave, + LENA St. N.W.Cor.	
					Bt. spk in P.P. #380 803E.	
Ground Test hole #5			6.2	220.9	Ground surface at test hole #5.	
B.M. #5			4.59	222.50	B.M. #5. see above.	

LOG OF TEST hole No. 5

0.0 to 1.5 clayey Sand
1.5' to 3.0' Silty Sand
3.0' to 5.5' " " + Traces of DG (brown) Wet
5.5 to 6.7' clay. (Grey) Struck Water at 6.0'
3.6 Water stands at 3.6 after 24 hrs.

F.B. 1417 PG. 44 Job No. 189-6200 Division No. Notes Red. Plotted Profile
Survey of FAWCETT Ave. Sanitation Investigation Date Date No. X-Sec.
Survey by Granquist Notes G Notes Chkd. Checked
Indexed K. C. Johnson Date 4-7-48 Date Date No.

Profile No. | Notes Red | Plotted | Job No. 189-6200 | Division No. | F.B. 141 Pg. 45
X-Sec. No. | Date | Date | Survey of FAWCETT AVE (Sanitation Investigation)
Notes Chkd | Checked | Survey by Granquist | Notes | Date 4-8-48
Date | Date | Map No. | Indexed | Job Indexed | Date AUG 8 '50

FAWCETT AVE.

J.N. 189-6200 Sanitation Investigation

Bench Mark Level Circuit
For pg 45 to pg 48
Test Holes. Area:
Fawcett Ave on North.
Kirk St on South.
Chico Ave on East.
& Loma Ave on West
For test holes see pg 39 to pg 44

STATION	B.S.	H.I.	F.S.	ELEV.
			Party Granquist Mack - T Soppell - H.C. Maldonad - R.C.	

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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700 HALL OF RECORDS

FORM 307 10M 10-46

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM. #17 (Rd)	6.77	225.375		218.605	BM. #17 EL. = 218.605. Rosemead Blvd. & FAWCETT AVE. NW. COR. Conc. Mon. 26" deep. 50' N. & 65' W. of ℄ Int.	(Road Dept.) B.A. 247/3
BM. #18 Rd.	5.97	224.665	6.68	218.695	BM. #18 EL = 218.712 Rosemead Blvd & FAWCETT AVE. SW. COR. Conc. Mon. 24" deep. 50' S. & 65' W. of ℄ Int.	B.A. 247/3 (Rd. dept.)
T.P.	5.125	224.030	5.76	218.905	Nail Put. 8' S. of E. end C.R.	NE. Cor. Fawcett Ave & Lincoln Ave.
T.P.	4.57	224.29	4.31	219.72	bt. spk. No. Edge. Put. FAWCETT Ave 4' W. of PP.	# 333778 E
T.P.	3.85	223.31	4.83	219.46	" " So. " " "	E. Line of No. #2817.
T.P.	3.68	222.37	4.62	218.69	" " No. " " "	E. Line No. #2115
BM. #1.	4.14	221.29	5.22	217.15	B.M. #1. FAWCETT AVE & LOMA AVE - N.W. COR. R.Ry. Spk. IN E. Si. PP #374959E.	
Test Hole #1			4.3	217.0	Ground Surface at Test Hole No. 1	See Pg. 40
T.P.	4.66	222.33	3.62	217.67	1"x1" stk S. Si. Loma Ave.	N. Line of No. 2022
T.P.	4.27	221.97	4.63	217.70	1"x1" " " " "	10' W. of S. for Post Away to No. #2016
T.P.	4.15	220.51	5.61	216.36	1"x1" stk. 10' N. & 5' W. of P.P.	#642854E. Loma Ave.
T.P.	3.45	219.25	4.71	215.80	1"x1" " 5' So. & 5' W. of Mail Box	#2138 " "
BM. #2	1.71	217.16	3.80	215.45	BM. #2. Loma Ave. (W. Si.) 108' N. of ℄ Prod. of Kirk St. Cut Spk. in E. Si. PP.	#374966E.

F.B. 147 PG. 46 | 189-6200 Job No. | Division No. | Plotted | Notes Red | No. | Profile
Survey of FAWCETT AVE. Construction Investigation | Date | X-Sec.
Survey by GRANQUIST | Notes G. | Date | Checked | No.
Indexed R. C. Tolman | Date 4-8-48 | Notes Chkd. | Date

FORM 307 10M 10-46

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STATION	B. S.	H. I.	F. S.	ELEV.	
		217.16			
Test hole #2			2.3	214.9	Ground Surface of Test hole #2 See Pg. 41
T. P.	5.97	218.55	4.58	212.58	1"x1" stk. 1' So. of fn. 35' E. of E. End garage to Lomb Hwy #2162
T. P.	5.55	219.66	4.44	214.11	1"x1" " 1' So. " 340' E " " " " " "
T. P.	4.97	219.14	5.49	214.17	bt. spk. H.S. Pvt. Kirk St. 22 E. of mail box #2625
B.M. #4	5.36	220.12	4.38	214.76	B.M. #4 EL. Rosemead Blvd & Kirk St. N.W. Cor. Bt. spk. in Pvt. 1' S.E. of S.E. Cor. of bldg. 87' N. & 26' N. of [illegible]
Test hole #4			5.1	215.0	Ground Surface at test hole #4. See Pg 43
T. P.	5.89	221.43	4.58	215.54	bt. spk. E.S. Pvt. Rosemead blvd. 45' S. of [illegible] #2140
T. P.	5.34	222.00	4.77	216.66	Rosemead blvd. 100' E of ℄. 1"x2" stk. 15' N. of S. fn. Line Lumber yard
T. P.	5.48	223.48	4.00	218.00	1"x2" stk. 50' W. of ℄ DENFIELD Ave. 25' N. of fn. Line
T. P.	4.91	223.82	4.57	218.91	bt. spk. S. edge Pvt. LINA St. W.R.L. Ho. #2328
T. P.	4.96	224.42	4.36	219.46	" " " " " " " 30' W. of M. Box #2229
B.M. #5	4.59	227.09	1.92	222.50	B.M. #5. EL. Chico Ave. & Lina St. N.W. Cor. bt. spk. in P.P. #380803 E.
Test Hole #5			6.2	220.9	Ground Surface Test hole #5. See Pg 44
T. P.	5.29	227.45	4.93	222.16	bt. spk. E.S. Pvt. Chico Ave. 60' So. of P.P. #269243E
T. P.	3.90	227.33	4.02	223.43	bt. spk. Pvt. 30.5' E. & 48.5' N. of ℄ Int. Chico Ave. & Fawcett Ave. (Washer)
T. P.	3.85	227.22	3.96	223.37	bt. spk. N. Edge Pvt. Fawcett Ave. 10' E. of P.P. #483057

Profile No. ____ Notes Red ____ Plotted ____ Job No. 189-6200 Division No. ____ F.B. 147 Pg. 47

X-Sec. No. ____ Date ____ Date ____ Survey of FAWCETT Ave. (Sanitation Investigation)

Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____

Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

FORM 307 10M 10-46

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STATION	B. S.	H. I.	F. S.	ELEV.		
		227.22				
T.P.	3.77	226.08	4.91	222.31	bt Spk. N.Si. Rt FAWCETT Ave. 20 E of P.P. #435547E	
T.P.	3.86	225.54	4.40	221.68	" " " " " " 20 W " P.P. #435547E	
Test Hole #3			4.4	221.1	Ground Surface at Test hole #3. See pg 42	
B.M. #17 (Rd dept)			6.93	218.61	B.M. #17 EL. = 218.605 as per B.A. 247/3 (Rd dept) Rosemead Blvd. & FAWCETT Ave. N.W. Cor. conc Mon. 26" deep. 50' No. & 65' W. of ℄ Int.	

F.B. 1417 PG. 48

Job No. 189-6200 Division No. ____ Notes Red. ____ Plotted ____ Profile

Survey of FAWCETT Ave. (Sanitation Investigation) Date ____ Date ____ No. ____

Survey by GRANQUIST Notes G. Notes Chkd. ____ Checked ____ X-Sec.

Indexed A. C. Johnson Date 4-9-48 Date ____ Date ____ No. ____

Profile No. ____ Notes Red ____ Plotted ____ Job No. 1227 Division No. ____ F.B. 1417 Pg. 49

Date ____ Date ____ Survey of SULLIVAN AVE.

X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by Granquist Notes G. Date 4-7-48

Date ____ Date ____ Map No. ____ Indexed C. Johnson Date AUG 8 '50

C. I. No. 1227

SULLIVAN AVE.

TEST HOLES.

ON

Rosemead Place. & Cortada St., #1

" " & Whitmore St. (West) #2

" " & EMERSON PL., #3

" " & BEATRICE PL., #4

SULLIVAN AVE. & Whitmore St. #5

" " & 1st ALLEY No. of Garvey Ave. #6

F.B. 1417 Pg

ELEV.

F. S.

H. I.

B. S.

STATION

Party
Granquist
Mack - A
Sappell: HC
Maldonado: R.C.

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FORM 307 10M 10-46

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STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE No. 1.				
Location:		Rosemead Place. & Cortada St. S.W. Cor.				
		40' West & 27' South of Int.				
B.M. W.M. 45"	4.22	251.14		246.~~918~~ 92	B.M. "WM. 45" EL. = 246.918	F.B. 1247 Pg 44
					Rosemead Pl. & Cortada St. N.W. Cor.	
					Bt. spkin cb. 5' N. of N. end C.R.	
Surface Test Hole #1.			3.9	247.2	Surface of Ground at test hole #1	
B.M. "WM. 45"			4.22	246.92	B.M. "WM. 45" EL. = 246.918	See above
		Log of test hole No. 1.				
			0.0 to	4.5	silty sandy clay.	(black)
			4.5 to	8.5	" " "	damp & moist (brown)
			8.5 to	9.8	(brown) (D.G.) Light Gravel & Clay Wet.	Struck Water at 8.2'
			4.5		Water stands after 24 hrs. - 4.5'	

F.B. 1447 Pg. 50 Job No. 1227 Division No. Notes Red. Plotted Profile
Survey of Sullivan Ave. Date Date No.
Survey by Notes Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date No.

FORM 307 10M 10-46

PLEASE RETURN TO
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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
			TEST HOLE No. 2		
Location:-			Rosemead Place + Whitmore St. (to West) S.W. Cor.		
			40' West + 27' South of Int		
B.M. "WM. 46"	4.26	252.04		247.78	BM "WM. 46" EL. = 247.780 F.B. 1247 - Pg 44 Rosemead Place + Whitmore St. S.W. Cor. Bt spk. in cb. 5' So. of S. end CR.
Test hole #2			3.8	248.2	Surface of ground at test hole No. 2
B.M. "WM. 46"			4.26	247.78	BM "WM. 46" EL. = 247.780 See above
			Log of Test hole No. 2.		
			0.0' to 3.0'		silty clayey sand.
			3.0' to 3.3		D.G. (brown) Sandy Light Gravel damp.
			3.3 to 3.6		" " " Sandy Light Gravel Struck water at 3.3' Wet
			3.3		Water stands after 24 hrs. - 3.3

Profile No. ____ Notes Red ____ Plotted ____ Job No. 1227 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Sullivan Ave.
Notes Chkd ____ Checked ____ Survey by Granquist Notes G Date 4-7-48
Date ____ Date ____ Map No. ____ Indexed Job Date ____

F.B. 1247 Pg. 51

FORM 307 10M 10-46

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STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE No. 3.				
Location:		Rosemead Place & E. Emerson Place. N.W. COR. 40' West & 18' North of Int.				
Bm, "WM 48"	4.19	253.25		249.06	Bm. "WM 48" EL. = 249.062 F.B. 1247 Pg 45 Rosemead Place & E. Emerson Pl. N.W. Cor. Bt. spk. in Cb. 5' No. of N. end C.R.	
Test Hole #3			4.2	249.1	Ground Surface at Test hole No. 3.	
B.M. "WM. 48"			4.19	249.06	B.M. "WM 48" EL. = 249.062 see above.	
		LOG of test hole No. 3.				
			0.0 to 1.5		silty clayey sand (brown)	
			1.5 to 3.0		adobe clay (black)	
			3.0 to 3.5		" " " damp.	
			3.5 to 4.0		" " " Wet. Struck Water 3.5'	
			2.7		Water stands at 2.7 after 24 hrs.	

F.B. 1417 PG. 52 Job No. 1227 Division No. Notes Red. Plotted Profile
Survey of Sullivan Ave. Date Date No.
Survey by Granquist Notes G. Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date 4-7-48 Date Date No.

FORM 307 10M 10-46

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STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE No. 4				
Location:-		Rosemead Place & Beatrice Place SW Cor. 40' West & 18' South of Int.				
BM "WM 49"	4.52	257.34		252.82	BM "WM 49" EL = 252.818 F.B. 1247 Pg. 45 Rosemead Place & Beatrice Place SW Cor. Bt. spk in cb 5' So. of S. end C.R.	
Test hole #4			4.1	253.2	Test hole No 4. Ground Surface	
BM "WM 49"			4.52	252.82	BM "WM 49" EL = 252.818 See above	
		Log of Test hole No 4				
			0.0' to 2.0'		sandy clayey silt. (brown)	
			2.0' to 3.0'		adobe clay. (Black)	
			3.0' to 4.3		sandy clay. Struck Water at 4.0'	Moist (Black)
			3.1'		Water stands at 3.1' after 48 hr's	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 1227 Division No. ____
Date ____ Date ____ Survey of Sullivan Ave.
X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by Franquist Notes G Date 4-7-48
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1417 Pg. 53

FORM 307 10M 10-46

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STATION	B. S.	H. I.	F. S.	ELEV.		
		Test hole No 5.				
Location:		Sullivan Ave & E. Whitmore St. S.E. Cor.				
			24' South		+ 20' E. of Int.	
B.M. "WM 307"	4.16	249.61		245.45	B.M. "WM 307" EL. = 245.450 FB 1412 Pg 9	
					Sullivan Ave. & Whitmore St. N.W. Cor.	
					Bt. Spk. inch, 6' N. of N. end C.R.	
Test hole #5			4.5	245.1	Ground Surface at Test hole No 5	
B.M. "WM 307"			4.16	245.45	B.M. "WM 307. EL. = 245.450 See above	
		Log of test hole No. 5.				
			0.0' to	1.5'	Sandy silt (brown)	
			1.5' to	2.5'	adobe clay (black)	
			2.5' to	3.5	silty clay. moist (Grey)	
			3.5' to	4.3'	" " (brown) Wet, Struck Water 3.7'	
			2.6'		Water stands at 2.6' after 20 hrs.	

F.B. 1417 Pg. 54 Job No. 1227 Division No. Sullivan Ave. Notes Red. Date Plotted Date No. Profile
Survey of Grandpist Notes G Date Checked Date No. X-Sec.
Survey by C. Johnson Notes Chkd. Date
Indexed [illegible] Date 4-7-48

FORM 307 10M 10-46

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STATION	B. S.	H. I.	F. S.	ELEV.		
			TEST HOLE No. 6			
Location:-			Sullivan Ave. & 1st ALLEY No. of Garvey Ave. S.E.Cor. 14' south & 20' East of Int.			
B.M. "WM. 300"	5.10	246.90		241.80	BM. "WM-300" EL. = 241.803 F.B. 1412 P-6 Sullivan Ave & 1st Alley No. of Garvey Ave. N.E. Cor. Bt. spk in cb. 10' No. of N. end C.R.	
Testhole No. 5			5.1	241.8	Ground Surface at test hole No 6.	
B.M. "WM. 301"			4.74	242.16	BM. "WM. 301" EL. = 242.160 F.B. 1412 Pg. 6 Sullivan Ave & Garvey Ave. N.E. Cor. Bt. spk in cb, 6' E. of E. end. C.R.	
			Log of Test Hole No 6.			
			0.0 to 0.3		Sandy Silt	
			0.3' to 1.0		" clayey Silt.	
			1.0' to 1.4		" Silt	(brown)
			1.4' to 1.7		" & Clay	
			1.7' to 3.0		clay. damp	(brown)
			3.0 to 4.7		Silty Sand Moist	(")
			4.7 to 5.8		D.G. & Sandy Silty Moist	(")
			5.8 to 7.0		Clayey Sand "	(Grey) cont over on Next Pg.

Profile Notes Red. ____ Plotted ____ Job No. 1227 Division No. ____
No. ____ Date ____ Date ____ Survey of Sullivan Ave
X-Sec. Notes Chkd. ____ Checked ____ Survey by Granquist Notes G. Date 4-7-48
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1417 Pg. 55

F.B. 1417 PG. 56

Job No. 1227 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Sullivan Ave. Date _____ Date _____ No. _____

Survey by Granquist Notes G Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date 4-7-48 Date _____ Date _____ No. _____

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STATION	B. S.	H. I.	F. S.	ELEV.	
			7.0 to 7.6		Clay black Wet. Struck Water at 7.1
			3.6		water stands 3.6 after 20 hrs

Profile No.	Notes Red.	Plotted	Job No. 1213	Division No.	F.B. 1417 Pg. 57
	Date	Date	Survey of Park Ave		
X-Sec. No.	Notes Chkd.	Checked	Survey by F. C. WALLACE	Notes J.G.	Date 4-14-48
	Date	Date	Map No.	Indexed	Date AUG 8 50

C.T. 1213

PALM AVE

TEST HOLES

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

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FORM 307 10M 10-46

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STATION	B. S.	H. I.	F. S.	ELEV.		
TEST HOLE 60' N & 30' E of ℄ Int FLOWER AVE & VIRGINIA DR						
				65.20	BM. S-38 Elev 65.202 FB 906-39 S.W. Cor Flower Ave & Virginia Dr Bt Spk in Cb 7' W of W end CR	X
BM. S-38	449	69.69				
			39	65.8	Elev Surface at test Hole	
			428	65.41	℄ Int Flower & Virginia Water Elev 2 Hrs. Later	Sand Very Moist at 5.5 to 6.0 Dn. Sandy Clay Very Moist at 8.0 Dn
BM S-38			449	65.20	See Above	
TEST HOLE 35' S & 25' W of ℄ Int. VIRGINIA DR & BELMONT AVE.						
BM S-37				66.44	BM El. 66.437 FB 906-38 Virginia Ave 110± S. of Belmont Ave X in Conc. Drwy W. side Ho # 1667 & Sandy Clay	X
	374	70.18				
			44	65.8	El. Surface at test hole	
			400	66.2	℄ Int Virginia & Belmont Water Elev 2 Hrs later	Sand Moist at 5.5 Sandy Clay
BM S-37			374	66.44	See Above	

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red ____ Date ____ Notes Chkd ____ Date ____

Job No. 1213 Division No. ____ Palm Ave

Survey of ____ Notes V. Gregory

Survey by R. C. WALLACE

Indexed R. C. JONES

F.B. 1417 PG. 58

FORM 307 10M 10-46

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STATION	B. S.	H. I.	F. S.	ELEV.	
TEST HOLE 50' E & 30' S. of ℄ Int. LAKEWOOD BLVD & FLOWER Ave.					
				63 77	BM El. 63.771 F.B. 906-36 Lakewood Blvd & Flower Ave 50' N & 14' W of ℄ Int Ct Spk in Conc. Pav.
BM 36	4 14	67 91			
			4 4	63 5	Elev. Surface at test Hole. T.C.
3.00			4 08	63 83	℄ Int Lakewood & Flower
					Sandy Silt
					Water Elev 2 Hrs. Later
					Sandy Clay Very Wet
BM			4 14	63 77	See Above.
TEST HOLE 350'± N of ℄ LAUREL AVE & 45' E of ℄ LAKEWOOD BLVD.					
				64 10	El. 64.096 F.B. 906-37
BM 38	4 86	68 96			BM Lakewood Blvd & Laurel Ave 50 N & 14' W of Int Ct Spk in Conc. Pav.
			4 19	64 77	Elev Surface at test Hole T.Curb
					Sand
					Sand & Water cannot go deeper
					Water Level 20 Hrs Later
B.M.			4 86	64 10	See Above

Profile Notes Red ____ Plotted ____ Job No. 1213 Division No. ____
No. ____ Date ____ Date ____ Survey of Palm Ave
X-Sec. Notes Chkd ____ Checked ____ Survey by T. C. WALLACE Notes V.G. Date 4-15-49
No. ____ Date ____ Date ____ Map No. ____ Indexed E. Johnson Date ____

F.B. 1417 Pg. 59

FORM 307 10M 10-46

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STATION	B. S.	H. I.	F. S.	ELEV.	
TEST HOLE 150'± N & 45' E of ℄ Int. LAKEWOOD BLVD & ARTESIA AVE					
BM #37-S.H.	410	65 83		61.73	BM #37-S.H. El. = 61.730. F.B. 1402-8 Lakewood Blvd. & Artesia Ave S.W. Cor. L&T in fence post of S. Cal. Edison Co. gate 50'± S. & 160'± W. of ℄ Int.
			46	61.2	Elev. Surface at test Hole
					SILT
					Sandy Clay Wet 65' Dn to 12'
					1.0 Clay
					Water Elev. 2 Hrs. Later
					Sandy Clay
BM #37-S.H.			410	61 73	See Above.
TEST HOLE 45' S & 45' E of ℄ Int. LAKEWOOD BLVD. & PARK AVE S.E. COR.					
BM #31	480	68 12		63 32	BM #31 El. 62.320 F.B. 1402-6 Lakewood Blvd & Park Ave S.W. Cor. Ct. Spk in pvt. 1' from Edge, 14' W & 50' S of ℄ Int.
			46	63 5	Elev at Surface of test hole
			462	63 50	℄ Int. Lakewood Blvd & Park Ave.
					Sandy Silt
					Sandy Clay Wet at 6° to 11° Dn.
					Water Level 2 Hrs Later
BM #31			480	63 32	See Above

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chkd. Date
Division No. Palm Ave
Job No. 1213
Survey of E. C. WALLACE Notes J. Gregory
Survey by
Indexed E. C. Johnson
F.B. 1417 PG. 60

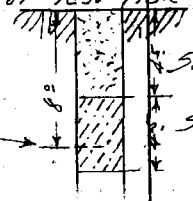
FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		
TEST HOLE ON PARK AVE. 1300'± E of ℄ LAKEWOOD BLVD ℄ of ℄ PARK AVE						
BM S-44	454	68 63		64 09	B.M. S-44 Elev 64.087 F.B. 1402-L Park Ave (S. Side) 1400'± E of ℄ Lakewood Blvd Bt. Spk. in N.W. Cor. Conc. Base to Flag Pole in Front of American Legion Hall	
			50	63 6	Elev. at Surface of Test Hole	
			505	63 58	Crown of Pav.	Sandy Silt.
					Water Level 30 Min Later	Sandy Clay Wet. 6" to 9" Dn.
BM S-44			454	64 09	See Above.	



Profile Notes Red ____ Plotted ____ Job No. 1213 Division No. ____
No. ____ Date ____ Date ____ Survey of Palm Ave
X-Sec. Notes Chkd. ____ Checked ____ Survey by E. C. WALLACE Notes N.G. Date 4-15-48
No. ____ Date ____ Date ____ Map No. ____ Indexed J. Johnson Date ____

F.B. 1417 Pg. 61

F.B. 1417 PG. 62

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

Survey of _____ Date _____ Date _____

Survey by E. C. WALLACE Notes _____ Notes Chkd. _____ Checked _____

Indexed _____ Date _____ Date _____ Date _____

Profile No. _____

X-Sec. No. _____

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

FORM 307 10M 10-46

PLEASE RETURN TO
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700 HALL OF RECORDS

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1417 63

Notes Ck'd by	Survey of [illegible] E.B. [illegible] Pg. [illegible]
Map No.	W. O. 5314 Tape [illegible]
Office Work	Surveyed by Rosecrans
Checked	Notes [illegible] Date 11-21-57
Date	Indexed L. C. Johnson

AUG 8 '58

PALMDALE PARKSITE #2

J.N. 5314

TEST HOLES TO DETERMINE WATER SEEPAGE

Party E.A. Rosecrans
J.P. Perez
J.C. Pierce

Note: Any Additions or Changes on File 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.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

BOARD OF SUP 11-48

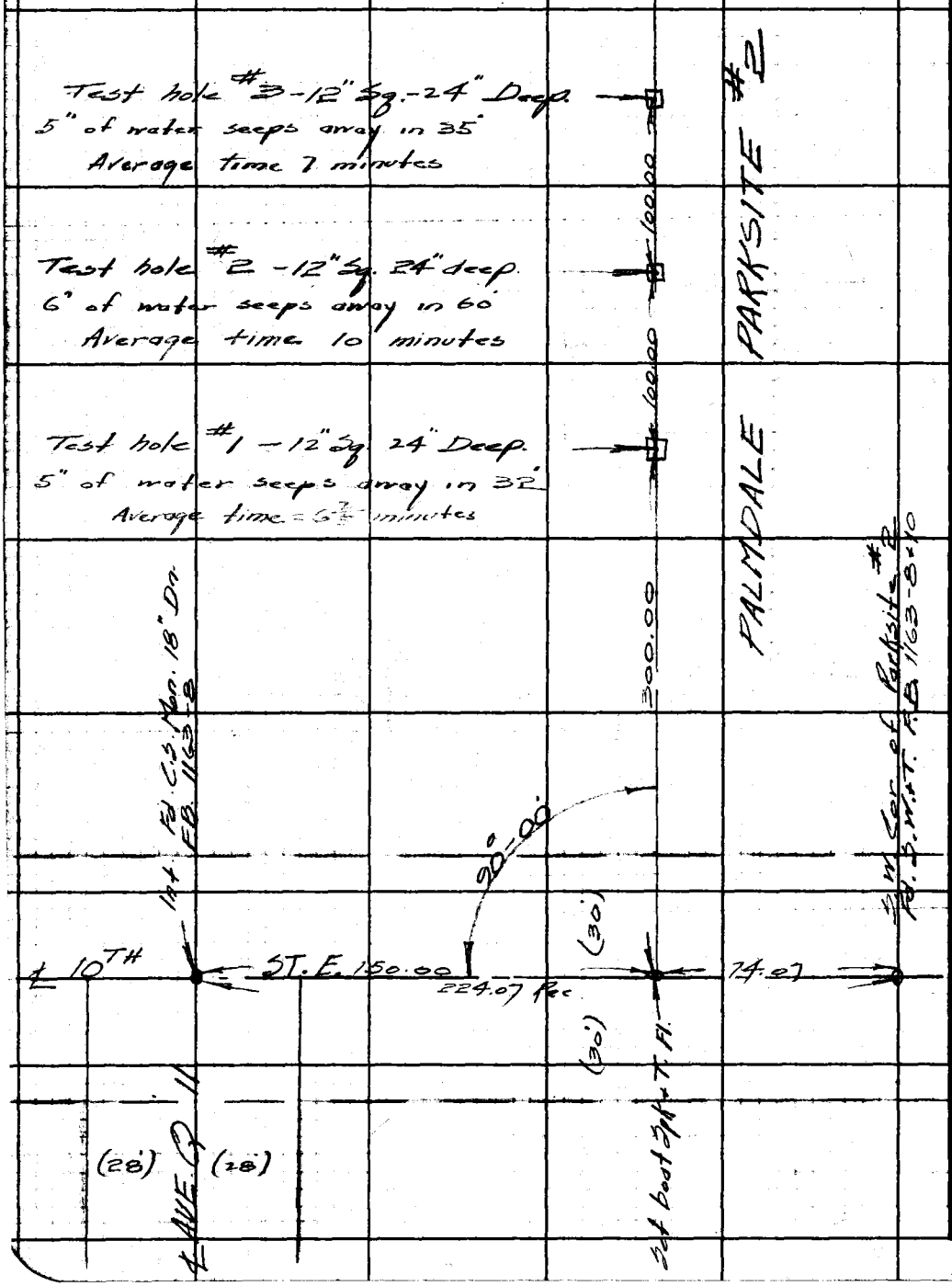
1417 64

F. B. ~~1216~~ PG. 118

Test hole #3 - 12" Sq. - 24" Deep
5" of water seeps away in 35'
Average time 7 minutes

Test hole #2 - 12" Sq. 24" deep
6" of water seeps away in 60'
Average time 10 minutes

Test hole #1 - 12" Sq. 24" Deep
5" of water seeps away in 32'
Average time = 6 7/8 minutes



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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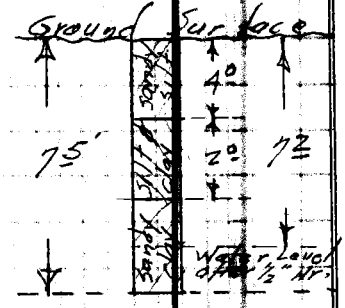
Do not extend notes this side of this line.

72
55
127

STATION	B. S.	H. I.	F. S.	ELEV.	
			TEST HOLE No 5		
140' W ℄	25'S	OF ℄ INT.-	CORTLAND AVE & EL GRANADA AVE		
BM-E-10	4.72	87.96		83.24	BM-E10 El: 83.243 FB 1278-132 Duncan Ave & Cortland Ave N E Cor Bt Spk in Cb-5' N of N end CR
			4.96	83.00	Ctr Pvt Cortland Ave - opposite Test Hole
			5.5	82.5	Ground El. at Test Hole
			12.7	75.3	Water El after 1/2 Hrs
TP	4.50	87.76	4.70	83.26	
BM-E-10			4.52	83.24	BM-E-10 El: 83.243. See above



Profile No. ____ Notes Red ____ Plotted ____ Job No. 1228 Division No. 1 F.B. 1417 Pg. 65

X-Sec. No. ____ Date ____ Date ____ Survey of El Granada Ave

Notes Chkd. [illegible] Checked ____ Survey by Sunderson Notes HWG Date 6-8-48

Date ____ Date ____ Map No. ____ Indexed C. Johnson Date AUG 8 '50

FORM 307 10M 10-46

PLEASE RETURN TO
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700 HALL OF RECORDS

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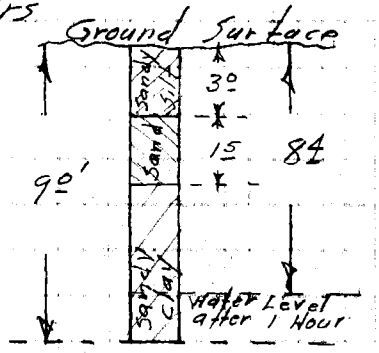
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
		TEST HOLE No 6			
20' W OF INT EL GRANADA AVE & S BDRY OF SS. DIST					
BM-EA3	3 69	86 15		82 46	BM-EA3 El: 82.464 FB 1278-133 El Granada Ave (E Side) 750'± S of ℄ Cortland Ave Bt Spk in conc Dr in front of Hse # 11674
			4 65	81 50	℄ Pvt opposite Test Hole
			4 1	82 0	Ground at Test Hole
			13 6	72 5	Water Elev after 1 Hrs
TP	4 67	85 94	4 88	81 27	
BM-EA3			3 48	82 46	BM-EA3 Elev: 82.464 See Above



F.B. 1417 PG. 66
Job No. 1228 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of El Granada Ave Date ____ Date ____ No. ____
Survey by Gunderson Notes HWG Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed E. C. Johnson Date ____ Date ____ No. ____

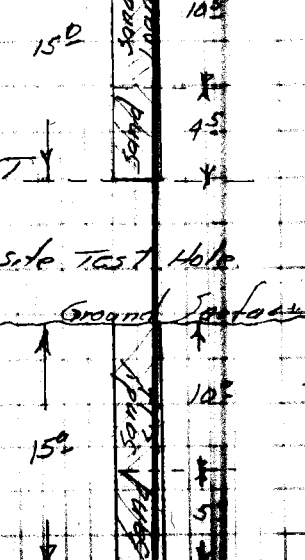
FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.	
					TEST HOLE No. 1
					70' W & 20' N OF ℄ INT. - OLD RIVER SCHOOL RD & BENARES ST
BM-LA-1	5.13	112.44		107.31	BM-LA-1 - El: 107.312 FB 1225-76 Old River School Rd & Luxor ST cut spk in Pvt-9' E & 30' S of ℄ int
			3.93	108.51	ctr of Pvt Benares St opposite Test Hole
			3.9	108.5	Ground Elev at Test Hole
					~~Water level after Hrs~~
					No Water after 1 Hr
					TEST HOLE No. 2
					60' W & 25' S OF ℄ Int OLD RIVER SCHOOL RD & LUXOR ST
			5.06	107.38	ctr Pvt Luxor St - opposite Test Hole
			5.6	106.8	Ground Elev at Test Hole
					No water after ½ Hr
TP	4.79	112.22	5.01	107.43	
BM-LA-1			4.91	107.31	BM-LA-1 El: 107.312 See above



Profile Notes Red ____ Plotted ____ Job No. 1233 Division No. ____
No. ____ Date ____ Date ____ Survey of Luxor St
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sunderson Notes Hwy 6 Date 6-8-48
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Johnson Date ____

F.B. 1417 Pg. 67

F.B. 417 PG. 68

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

Survey of _____ Date _____ Date _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____

Indexed _____ Date _____ Date _____ Date _____

Profile No. _____

X-Sec. No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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FORM 307 10M 10-46

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of San Dimas Sewer Dist
W. O. 835 Tape No. 235 St'd 68 °F
Surveyed by J.S. Coates
Notes J.S.C. Date 7-27-48
Indexed A. C. Johnson

F. B. 1417 Pg. 69

AUG 8 '50

TEST HOLES
ON
℄ SEWERS ON GLADSTONE AVE.

7-27-48

J.S. Coates
J.L. Willey
D.H. Beers
A.L. McLinari

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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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 SM 11-46

F. B. 1417 PG. 70

CATARACT AVE.

5° 10.0

Z

TEST HOLE #4
5+00
Rock 1.5 dn

Note: Holes #4 & 4A appear to be center of Rock & D.G. 150'± along ℄ of street

AVE

10.0

TEST HOLE #4A
Rock 1.5' dn

4" water line recently laid 30" dn

10.0

4+18.0

End of line & M.H.
3+36.0

9.0

TEST HOLE #3
3+50

Note: Due to Rocks from 8" to 10" we were unable To go lower then 7.0. appears to be fill

Sewer

TEST HOLE #2
3+00
Rock 1' dn

10.0

TEST HOLE #2A
Rock 1' dn

Note. Holes #2 & 2A appear to be center of 60'± outcropping of rock along ℄ of St.

GLADSTONE

TEST HOLE #1
2+04.0

0.0 TO 3½' - 2" Rock & Adobe
3½ TO 6.0 - Black Adobe
6.0 TO 11.0 - Adobe with D.G.

Note: Hole appears to have been fill

Proposed

Note: I believe it possible by Top indications That the rock is mixed with D.G. and can be dug with an air Spade, either side

Note: Dist. Down are from Top of pavement

5° 10+00

MONTE VISTA AVE

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Profile No. | Notes Red | Plotted | Job No. 1238 | Division No. V | F.B. 417 Pg. 71
Date | Date | Survey of Muscatel Ave.
X-Sec. No. | Notes Chkd | Checked | Survey by Lanigan | Notes Lanigan | Date 8-24-48
Date | Date | Map No. | Indexed J. C. Johnson | Date AUG 9 '50

TEST - HOLES
For
MUSCATEL AVE.
C.I. 1238

STATION	B.S.	H.I.	F.S.	ELEV.
			J. J. Lanigan	
			A. S. Curtis	
			A. L. York	
			J. W. Thurich	
			G. C. Olivas	

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PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 307 10M 10-48

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
		Test-Hole #1				
Location					Ramona Blvd. and 1st Alley West of Rosemead Blvd. 59' N. of ℄ of Ramona Blvd and 3' W. of ℄ of ALLEY	
B.M.# R 27	575	279 91		274 76	B.M.# R 27	Rosemead Blvd & Ramona Blvd. N.E. cor. Roofing nail in lead in M.C.R. - Elev 274.159 per F.B. 1247-46
Test Hole #1			46	275 3	Surface elev at test-hole #1	
B.M.# R 26			518	274 73	B.M.# R 26	Rosemead Blvd & Ramona Blvd N.W. cor., L&T in curb at N. end C.R. Elev. 274.719 per F.B. 1247-46
		Log of test hole				
			0.00' to 3.5		Sandy silt	
			3.5' to 6.5		Sandy silt with some gravel	
			6.5' to 8.0		Silty sand with gravel	
			8.0' to 12.0		sandy clay	
			12.0' to 14.0'		sand	
			14.0' to 15.0'		moist clay	
			(did not strike water)			
			4 1/2 hours later - no water			

F.B. 1417 Pg. 72 Job No. 1238 Division No. V Notes Red Plotted Profile
Survey of Muscatel Ave Date Date No. X-Sec.
Survey by Lanigan Notes Lanigan Notes Chkd Checked No.
Indexed R. C. Johnson Date Date

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			Test-Hole #2			
Location					Marshall St. and Muscatel Ave	
					27' W. of ℄ of Muscatel Ave and 2.5' S. of ℄	
					prod. of Marshall St	
B.M. WM #453				291 60	B.M. # W.M 453 - S.E. cor., Bt. spk in curb 7' S. of S. end C.R.	Marshall St and Muscatel Ave
	3 58	295 18			Elev. 291.604 per F.B. 1412-116	
Test hole			26	272 6	Surface elev. at test hole #2	
B.M. # W.M. 454			6 84	288 34	B.M. # W.M 454	Muscatel Ave (E. side) 305' S. of ℄ of Marshall St., Bt. spk in top of E. wall of catch basin. Elev. 288.344 per F.B. 1412-116
			Log of test-hole #2			
			0.0' to 15.1'		Sandy Silt (dry)	
			(did not strike water)			
			18 hours later no water			

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1238 Division No. V

X-Sec. No. ____ Date ____ Date ____ Survey of Muscatel Ave

Notes Chkd. ____ Checked ____ Survey by Lanigan Notes Lanigan Date 8-24-48

No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.B. 1417 Pg. 73

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
			TEST-HOLE #3.			
Location					Valley Blvd (S. side) between Ivar Ave & Muscatel Ave - 353±' W. of ℄ of Ivar Ave and 38' S. of ℄ of Valley Blvd.	
B.M #1				318 55	B.M #1 Valley Blvd. & Ivar Ave. N.E. cor. cut spk in E. end C.R. Elev. 318.5482 per F.B. 1247-75	
	5 52	324 07				
Test-hole #3			4 0	32[illegible]	Surface at test-hole #3	
B.M #2			6.84	317 23	B.M #2. Valley Blvd. & Ivar Ave. S.E. cor. L.&N. in curb, 2' E. of E. end C.R. Elev. 317.226 per F.B. 1247-75 Note - description in error - should read 2' N. of S. end C.R	
			LOG of TEST HOLE #3			
			0.0' to 4.5'		Sandy Silt	
			4.5' to 7.3'		Sand with small rocks.	
			7.3' to 9.1		Clayey sand	
			9.1 to 11.2		Gravel (sandy) very loose - caves in	
			11.2 to 13.0		moist sand	
			13.0 to 13.5		clay	
			13.5 to 15.2		sand	
			(did not strike water)			
			5 hours later - no water			

F.B. 1417 PG. 74

Job No. 1238 Division No. V Notes Red ____ Plotted ____ Profile ____

Survey of Muscatel Ave Date ____ No. ____

Survey by Lanigan Notes Lanigan Notes Chkd ____ Checked ____ X-Sec. ____

Indexed R. O. Johnson Date ____ Date ____ No. ____

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
			TEST Hole #4			
Location					Valley Blvd and Walnut Grove Ave 56.5' N of ℄ of Valley Blvd 34.5' E of ℄ of Walnut Grove Ave	
B.M. # R 51				321 27	B.M. # P 51	Valley Blvd & Walnut Grove Ave N.W. cor. Bt. spk. in curb 3.5' S. of Catch [illegible] Elev. 321.267 per F.B. 1247-73
	6 04	327 33				
Test hole #4			5 4	321 9	Surface at test hole #4	
B.M. # F.C 58-511			4 44	322 89	B.M. # F.C. 58-511	Valley Blvd & Rubio Wash, N.E. cor. Bronze tablet in N.E. cor. bridge wall, marked B.M 58-511 Elev 322.883 per F.B. 1247-73
			LOG of TEST-HOLE #4			
			0.0 to 11.0		sandy silt	
			11.0 to 12.0		Clayey sand	
			12.0 to 15.5		sand	
			(did not strike water)			
			3.5 hours later - no water			

Profile No. ____ Notes Red ____ Plotted ____ Job No. 1238 Division No. V
Date ____ Date ____ Survey of Muscatel Ave
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Lanigan Notes Lanigan Date 8-25-48
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1417 Pg. 75

FORM 307 10M 10-46

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LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST-HOLE #5				
Location					Walnut Grove Ave & Rubio Wash 580'± S of ℄ of Valley Blvd. 25' E. of ℄ of Walnut Grove Ave and 78.5' N of N'erly channel wall.	
B.M. W.M. 437				313 00	B.M. W.M. 437 Walnut Grove Ave (E side), 560'± S. of Valley Blvd, Bt. spk. in N. end of E. curb of Flood control bridge over Rubio wash Elev. 313.003 per F.B. 1412-108	
	839	321 39				
Test Hole #5			8 2	313 2	Ground surface at test hole #5	
B.M. 51			0 12	321 27	B.M. 51 Valley Blvd. & Walnut Grove Ave N.W. cor. Bt spk. in curb 3.5' S. of catch basin Elev. 321.267 per F.B. 1247-73	
		LOG of TEST HOLE #5				
		0.0' to 11.8			Sandy Silt	
		11.9 to 15.3			Sand	
		(did not strike water)				
		17 hrs. later			no water	

F.B. 1417 Pg. 74 Job No. 1238 Division No. V Notes Red ____ Plotted ____ Profile ____
Survey of Muscatel Ave Date ____ Date ____ No. ____
Survey by Lanigan Notes Lanigan Notes Chkd ____ Checked ____ X-Sec. ____
Indexed A. C. Johnson Date ____ Date ____ No. ____

F.B. 147 Pg. 77

Profile No. _____ Notes Red _____ Plotted _____ Job No. 1244 Division No. _____

Date _____ Date _____ Survey of GRAPE ST.

X-Sec. No. _____ Notes Chkd _____ Checked _____ Survey by Butler Notes _____ Date 10/4/48

Date _____ Date _____ Map No. _____ Indexed C. Johnson Date AUG 8 '50

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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PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

C.I. #1244

GRAPE ST.

TEST BORINGS

7 Locations

Butler
Stangland
Nowacki
Johnson
Papek

FORM 307 10M 10-46

FORM 307 10M 10-46

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700 HALL OF RECORDS

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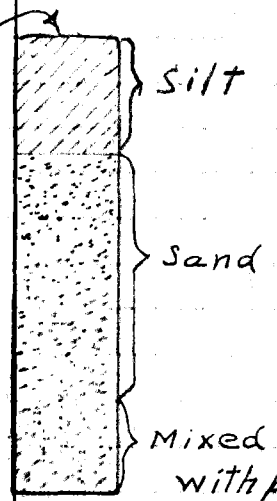
STATION	B. S.	H. I.	F. S.	ELEV.		

S.W. cor. of Myrtle St. and Edna St.
BM P135 El. 176.78 F.B. 1441/9 N.E. cor. L. & T. in curb

Location of Test hole:
@ Wend - S.W.C.R.

vert. scale:
1' = 1 sq.



Cave in and stones make impossible to go beyond 10'

F.B. 1417 Pg. 78
Job No. 1244 Division No. Notes Red. Plotted Profile
Survey of GRADE ST. Date Date No.
Survey by Butler Notes Nowacki Notes Chkd. Checked X-Sec.
Indexed E. C. Johnson Date 9/6/48 Date Date No.

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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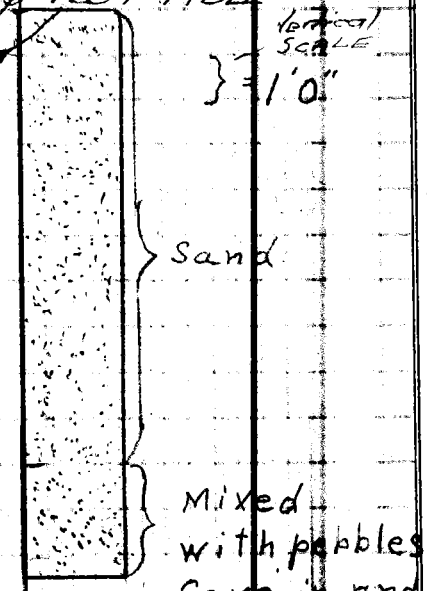
STATION	B. S.	H. I.	F. S.	ELEV.	
					S.W. corner of Olympic and Pine St.
	BM-P124			174.84	F.B. 144 1/T L&T in Ch.
	5.8	180.6	6.1		@ N.W. Cnr 2' W of W.C.R. End
				174.5	El. Grade of Top TEST HOLE



Location of Test hole:
19' S. of ℄ of Olympic Blvd.
37' W. of ℄ of Pine St.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 1244 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of G. Sch. St.
Notes Chkd. ____ Checked ____ Survey by Butler Notes A.C.S. Date 9/48
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1417 Pg. 79

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

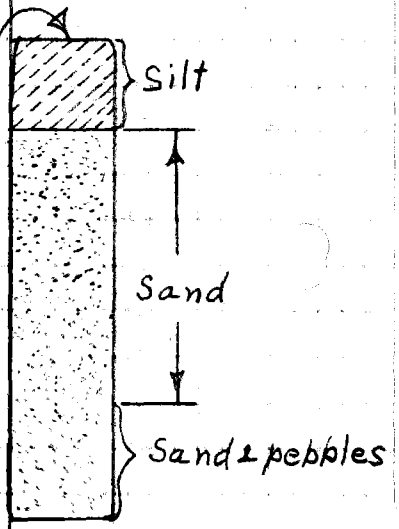
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

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

Test Hole E. side of Grape St. between Edna St. and Elnora St. - 271' S of ℄ of Edna St.
B.M. P.136 El 177.48 FB 1441/9
Loc. N.E cor. of Grape St. & Edna St. L&T.

El. 177.38



Ver. scale: 1' = 1 sq.

Cave-in & stones at 10.5' - impossible to dig deeper.

Profile No. ___ X-Sec. No. ___
Plotted ___ Date ___ Checked ___ Date ___
Notes Red ___ Date ___ Notes Chkd ___ Date ___
Division No. ___ Job No. 1244
Survey of Grape St.
Survey by Butler Notes Nowacki
Indexed C. Johnson Date 9/6/48
F.B. 1417 Pg. 80

FORM 307 10M 10-46

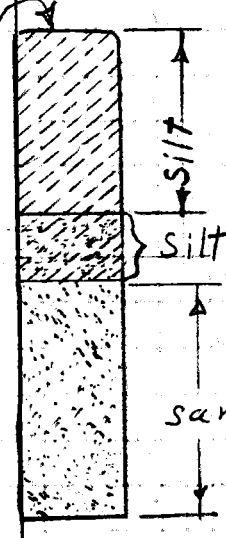
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.
		Test hole E. side of Pine St. 30' S. of tract line		
		BM P140 179.35 FB 144 1/6 @ 50'S 30'E Beverly & Pine		
BM "P140"	5.4	184.75	5.4	179.35 BM "P140"

Bt. sak.



Vert. scale: 1" = 1 sq.

Cave-in & stones at 10.5 - impossible to dig deeper

Profile No. ____ Notes Red ____ Plotted ____ Job No. 1244 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Grades St.
Notes Chkd ____ Date ____ Checked ____ Date ____ Survey by Butler & Nowack Notes Nowack Date 9/2/48
Map No. ____ Indexed C. Johnson

F.B. 1417 Pg. 81

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

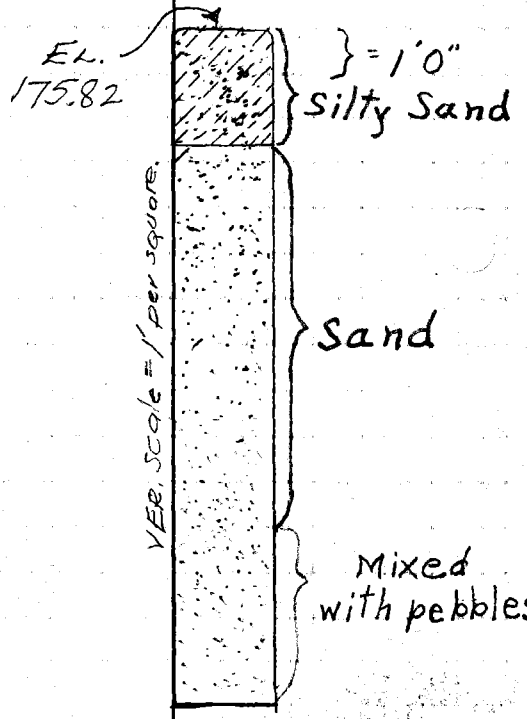
Do not extend notes this side of this line.

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

Test Boring S.W. cor. of Pine St & Elnora St.
@ So. End SWCR - 2.5' S'LY

Bm. P-186 175.820 FB 1441/7 Bt. Sp. on Ch. @ S.W. cor. 2.5' S. of S.C.R.

Test hole elev. same as B.M. elev. ✓



F.B. 1417 Pg. 82 Job No. 1244 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of Grape St. Date ____ Date ____ No. ____
Survey by Butler Notes Nowacki Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed E. C. Johnson Date 9/4/48 Date ____ Date ____ No. ____

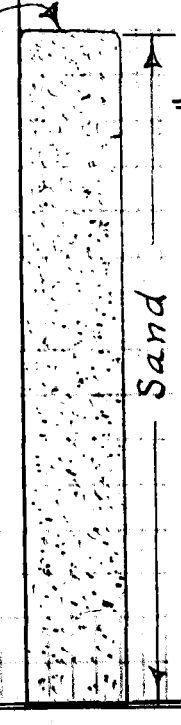
FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE & Alley No. of WHITTIER BLVD @ W. LINE TRACT				
		1.e. ± 150' W - IVY ST				
		BM P128 El. 174.35 FB 1441/10				
		@ Ivy St. & 1st alley N. of Whittier Blvd.				
BM" P128"				174.35 BM" P128"		
	4.9	179.3	5.6	173.7	El. 173.7	



Verticle scale = 1' per square

Profile Notes Red ____ Plotted ____ Job No. 1244 Division No. ____
No. ____ Date ____ Date ____ Survey of Grape St.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Butler Notes Nowacki Date 9/5/48
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1417 Pg 83

FORM 307 10M 10-46

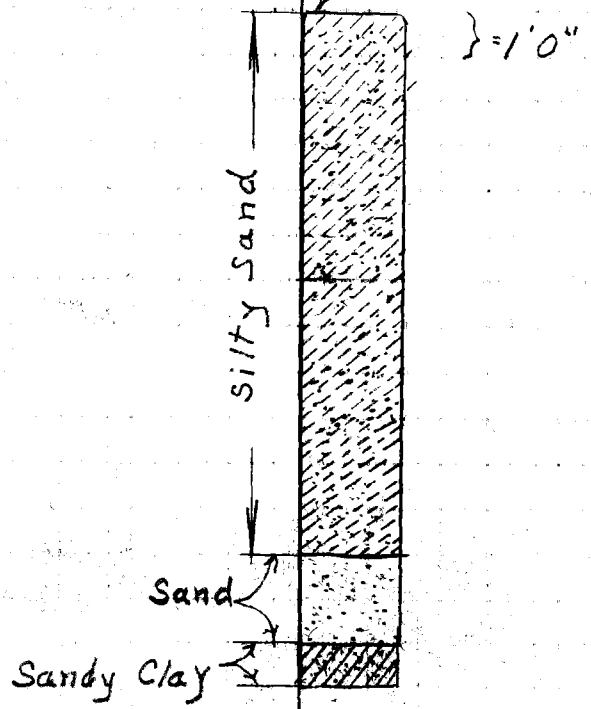
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

@ S.W. cor. of 1st alley N. of cor. Olympic Blvd & Grape St.
B.M. P125 FB 1441/7 Bt. Spk. on curb 5' S. of S.W. curve end.
Test hole elev. same as B.M. elev. 174.76



F.B. 1417 Pg. 84 Job No. 1244 Division No. Notes Red. Plotted Profile
Survey of Grape St Date Date No.
Survey by Butler Notes Nowacki Notes Chkd. Checked X-Sec.
Indexed C. Date 9/5/48 Date Date No.

F.B. 1417 PG. 85

Profile No. ____ Notes Red ____ Plotted ____ Job No. 1241 Division No. ____

Date ____ Date ____ Survey of 16TH ST

X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by Wallace & Johnson Notes ECW Date 2-21-47

Date ____ Date ____ Map No. ____ Indexed ____ Registered AUG 8 '50

C.V. 1241 - 16TH ST.

TEST HOLES

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

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.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 HIGGINS BLDG.

76L298 307 3M 11-48

76L298 307 3M 11-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 HIGGINS BLDG.

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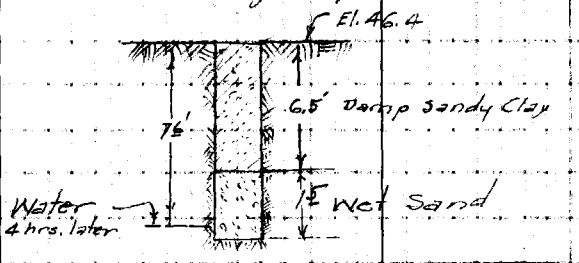
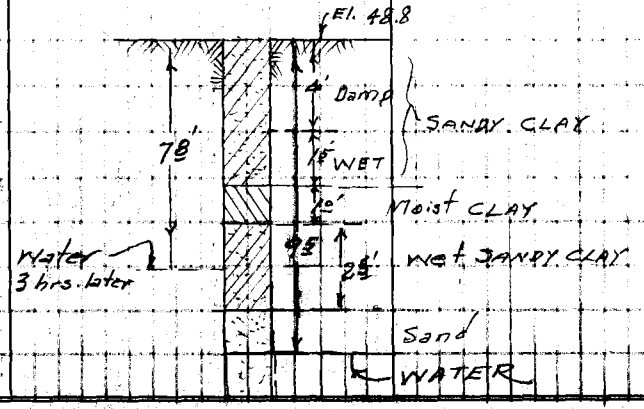
STATION	B. S.	H. I.	F. S.	ELEV.	
TEST HOLE - N.E. COR. Garden St. & Orangethorpe Ave					
B.M. MA35	3 96	51 00		47 04	B.M. MA-35 El. 47.036 F.B. 1433-12 Garden St. & Orangethorpe Av. N.W. Cor. B.Spk. 28.5' W & 13' N
Elev. of surface by Test Hole			46	46 4	
B.M. MA35			3 96	47 04	
TEST HOLE - GARDEN AVE. 600'± S. of 16TH ST.					
B.M. MA33	3 70	52 52		48 82	B.M. MA 33 El. 48.82 F.B. 1433-12 Garden Ave. (W. Side) 715'± S. of ℄ B.Spk. in cb. N.S. driveway to No. 18731 (old # 1723)
Elev. of Surface by Test Hole			49	47 6	
B.M. MA33			3 70	48 82	





F.B. 1417 PG. 8C

Job No. 1242 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of 16TH ST Date ____ Date ____ No. ____

Survey by Wallace Notes ECW Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed C. Johnson Date ____ Date ____ No. ____

76L298 307 3M 11-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 HIGGINS BLDG.

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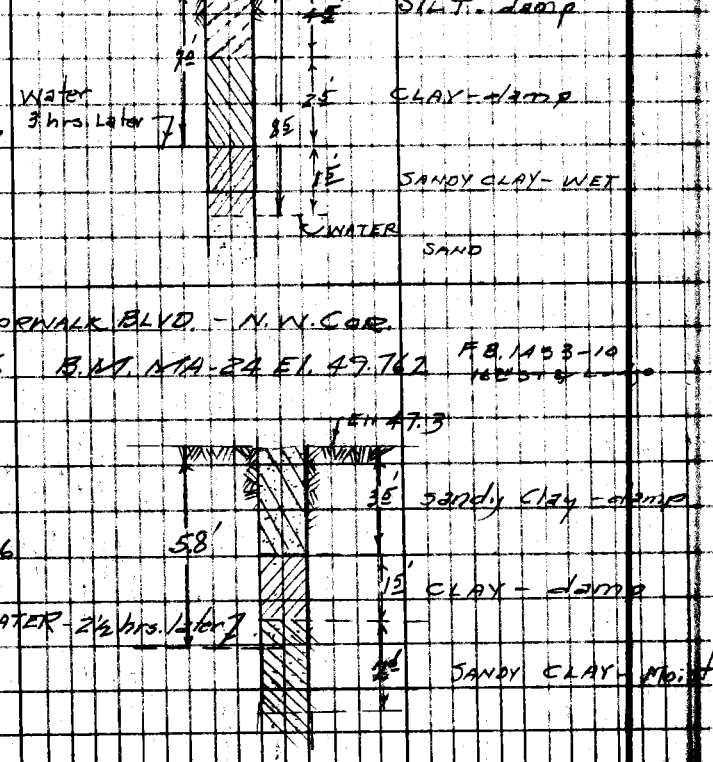
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
		TEST	HOLE- GARDEN AVE. & Alley N. of 16TH ST. - S.W. COR.		
B.M. MA-22	480	53 8 77		48 97	B.M. MA-22 - El. 48.969 F.B. 1433-10
El. of top of Test hole			49	48 7	SILT - damp
					CLAY - damp
B.M. MA22			480	48 97	SANDY CLAY - WET
					SAND
		TEST HOLE - 16TH ST & NORWALK BLVD. - N.W. COR.			
B.M. MA24	395	53 71		49 76	B.M. MA-24 El. 49.762 F.B. 1433-10 16th St & Lodge
Elev. top of Test hole			64	47 3	sandy Clay - damp
B.M. MA24			395	49 76	CLAY - damp
					SANDY CLAY - Moist



Profile Notes Red ____ Plotted ____ Job No. 1242 Division No. ____
No. ____ Date ____ Date ____ Survey of 16TH ST
X-Sec. Notes Chkd ____ Checked ____ Survey by WALLACE Notes ECIN. Date 2-21-49
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1417 Pg. 87

76L298 307 3M 11-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 HIGGINS BLDG.

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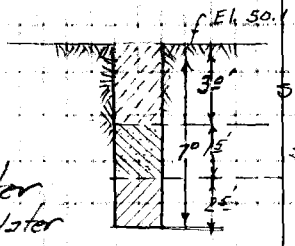
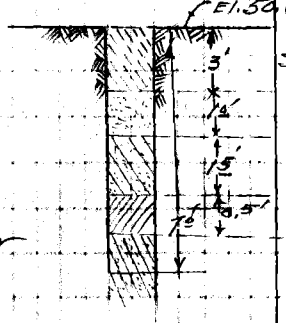
STATION	B. S.	H. I.	F. S.	ELEV.		
TEST HOLE - Alley bet. Borah St. & Lodge St.					100' S. of Alley S. of 14TH ST.	
B.M. MA13	583	55 4 37		49 54	B.M. MA-13 El. 49.54 Lodge & 14TH ST.	F.B. 1433-7
Top of Test hole			5.3	50.1		
B.M. MA-13			583	49 54		
					No Water 2½ hrs. later	
TEST HOLE - 14TH ST. & GAIL ST. - S.W. COR.						
B.M. MA9	417	55 5 45		51 28	B.M. MA9 El. 51.276	F.B. 1433-6
Elev. Top Test Hole			4.9	50 6		
B.M. MA-9			417			
					No Water 2 hrs. later	



SILT - damp
SANDY CLAY - damp
CLAY - damp



SILT - damp
SAND - damp
SANDY CLAY - damp
CLAY - damp
SANDY CLAY - Moist

F.B. 1417 PG. 88
Job No. 1242 Division No. 16TH ST
Survey of
Survey by Wallace Notes ECW
Indexed R. C. Johnson Date
Profile No.
X-Sec. No.
Plotted Date
Checked Date
Notes Red. Date
Notes Chkd. Date

76L298 307 3M 11-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 HIGGINS BLDG.

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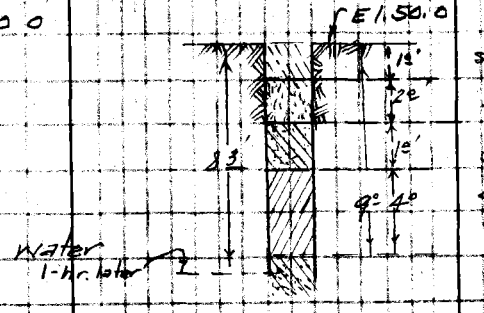
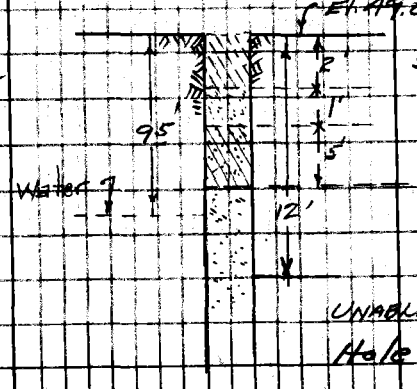


STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE - MARTHA ST & 1st Alley N. of 16th ST - S.E. Cor				
B.M. 2A	415	54 74		50 59	B.M. 2A - El. 50.59	- F.B. 1433-9
El. Top Test hole			47	50 0		
						SILT - damp
						SAND - damp
						SANDY CLAY - damp
						CLAY - damp
						SANDY CLAY - WET
		TEST HOLE - Prop. Location of Pumping Plant - Approx 700' S. of 16th ST. on Helen pool				
B.M. P4	531	53 86		48 55	B.M. P4 - El. 48.55	F.B. 1433-13
El. top of Hole			49	49 0		
B.M. P4			531	48 55		
						SILT - dry
						SAND - dry
						SANDY CLAY - damp
						SAND - WET
						UNABLE TO go any deeper Hole caves in



El. 50.0
1'
2'
1'
8.3'
9' 4'
Water 1-hr. later

El. 49.0
2'
1'
9.5'
5'
Water
12'

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 12A2 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of 16th ST.
Notes Chkd. ____ Checked ____ Survey by Wallace Notes EZW Date 2-21-49
Date ____ Date ____ Map No. ____ Indexed ____

F.B. Pg. 89

F.B. PG. 90 | Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed: _____ Date _____ Date _____ Date _____ No. _____

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

76L298 307 3M 11-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 HIGGINS BLDG.

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F.B. 1417 Pg. 91

Profile No. | Notes Red | Plotted | Job No. 1225 | Division No.
Date | Date | Survey of DELTA St.

X-Sec. No. | Notes Chkd. | Checked | Survey by Granquist Notes G. | Date 4-8-49
Date | Date | Map No. | Indexed B. G. Johnson Date AUG 8 50

C.I. No. 1225

DELTA St.

TEst borings

8 TEst HOLES.

F.B. 1417 Pg 91 to Pg 100

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

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

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PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 307 10M 10-46

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			TEST	HOLE	NO 1.	
LOCATION: -		EAST	MARSHALL	ST.	& S. BARTLETT AVE.	N.W. COR.
			30' W.	& 20' N.	of ℄ Int.	
B.M. "W.M. 172"	1.76	304.31		302.55	B.M. "W.M. 172" EL. 302.552 FB. 1247 Pg 112	
					MARSHALL St. & WALNUT GROVE AVE, N.W. COR.	
					L & T. IN S.E. Cor. conc. WALK to ho. # 1163.	
T.P.	3.49	301.38	6.42	297.89	set bt spk stub. N. E. Pvmt. Marshall St. fr. ho Drwy #1223	
TEST hole #1			5.9	295.5	Ground surface at test hole #1.	
T.P.	6.58	304.57	3.39	297.99	bt spk. stub. 3' N. of ℄ of pvmt. fr. ho Drwy #1223 Marshall St.	
B.M. "W.M. 173"			2.48	302.09	B.M. "W.M. 173" EL. 302.083 FB 1412 Pg 32	
					MARSHALL St. & WALNUT GROVE AVE. N.W. Cor.	
					Bt. spk. in S. Side P.P. # 74080-E	
			LOG	of TEST	hole #1	
		0.0' to	12.0		SANDY SILT. damp. brown D.G. No Water.	
					No Water after 55 hrs	

F.B. 1417 Pg 2

Job No. 1225 Division No. DELTA St. S.S. Notes Red. Plotted No. Profile

Survey of Notes G Date Date X-Sec.

Survey by Granquist Notes Chkd. Checked No.

Indexed A. C. Johnson Date 4-8-49 Date Date

76L298 307 3M 11-48

FOR RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 HIGGINS BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	
		TEST HOLE No. 2			
Location :-		E. MARSHALL St & Walnut Grove Ave N.E. Cor			
		2nd ~~1st~~ 35 ~~30~~' East & 25 ~~20~~' N. of ℄ Int.			
BM "WM 172"	3.32	305.87		302.55	BM "W.M. 172" EL = 302.552 FB. 1247 Pg 110
					MARSHALL St & Walnut Grove Ave. N.W. Cor
					L+T. in SE Cor. conc. Walk to ho. # 1163.
Test Hole #2			4.6	301.3	Ground surface at test hole #2
BM "W.M. 173"			3.79	302.08	BM "WM-173" EL = 302.083 FB. 1412 Pg 32
					Marshall St. & Walnut Grove Av. N.W. Cor.
					Bt Spk. in S. side P.P. #74080E.
		Log of Test hole #2			
		0.0' to	9.0'		Silty sand. damp. brown D.G. Traceling Gravel
		9.0' to	11.0'		Sand & Gravel (2" & 4" stone) damp, caves, dug 4 hrs
		11.0' to	12.0'		Sandy silt damp. No Water after 24 hrs
					Made 2 Holes caves at 9 to 9½'
					(dug on 1st hole 4 hrs.)
					8 hrs this corner.

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 1225 Division No. ____ F.B. 1417 Pg. 93

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of DELTA St

Survey by Franquist Notes T. Date 4-8-49

Map No. ____ Date ____ Date ____

76L298 307 3M 11-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 HIGGINS BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	
		TEST Hole No. 3			
Location:-		E. MARSHALL St. & EARLE St. N.E. Cor.			
		2p East & 25 North of ℄ Int			
B.M. "W.M. 169"	4.67	309.39		304.72	BM "W.M. 169" EL. 304.718 FB. 1247 Pg 111
					MARSHALL St. (N.Si) at EARLE AVE to South
					L.+T. in S.E. Cor. Conc. Walk to ho. #101. 9'± E ℄ EARLE Ave Prod.
Test Hole #3			4.5	304.9	Ground Surface at test hole #3
BM. "W.M. 168"			5.72	303.67	BM "W.M. 168" EL. 303.658 FB. 1247 Pg 11
					MARSHALL St + EARLE St, S.W. Cor.
					L.+T. 6' W. of E end conc. Walk to ho. # 1903
		Log of TEST Hole #3.			
		0.00 to 7.5			Sandy Silt. damp.
		7.50 to 10.2			" " trace light gravel damp
		10.2 to 11.4			" " Large Rock.
		11.4			Stopped on top " " dry Hole.

F.B. 1417 Pg. 94

Job No. 1225 Division No. DELTA St. Notes Red. Date Plotted Date No. Profile

Survey of Notes Date Checked Date No. X-Sec.

Survey by Granquist Notes Date 4-11-49

Indexed R. C. Johnson

76L298 307 3M 11-48

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726 HIGGINS BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	
			TEST HOLE No. 4.		
LOCATION:		MARSHALL St & CHARLOTTE AVE, N.E. Cor.			
		32' North & 16' East of ℄ Int. of Charlotte Ave to North			
BM "WM163"	4.63	313.51		308.~~878~~ 88	BM "W.M.-163. EL. 308.878 F.B. 1247 Pg 110
					MARSHALL St. & CHARLOTTE AVE, N.E. Cor.
					Bt. spk. in S. side P.P. #1372 87E.
TEST hole #4			5.6	307.9	Ground surface at test hole #4
B.M. WM164"			4.74	308.77	BM "W.M. 164" EL. 308.770 F.B. 1247 Pg 110
					Marshall St (N. Sd) 42± E. of ℄ of Charlotte Ave. Prod
					L+T. in SW Cor. concWalk to no. #905.
			LoG of TEST hole No 4		
		0.0' to	9.0		Sandy silt damp. (brown D.G.)
		9.0' to	12.0		" " " Traces of Light Gravel
					No Water after 18 hrs

Profile No. ____ Notes Red ____ Plotted ____ Job No. 1225 Division No. ____ F.B. 1247 Pg. 95

X-Sec. No. ____ Date ____ Date ____ Survey of DELTA AVE. SS.

Notes Chkd ____ Checked ____ Survey by H. GRANQUIST Notes G. Date 4-11-'49

Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L298 307 3M 11-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 HIGGINS 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	B. S.	H. I.	F. S.	ELEV.	
		TEST HOLE No. 5.			
Location :-		Walnut Grove Ave. (E side) 205' South of ℄ Shea Place.			
			19' E. of ℄ Walnut Grove Ave.		
B.M. "W.M. 344"	1.16	312.24		311.08	B.M. "W.M. 344" EL. 311.084 F.B. 1412 Pg. 31
					Shea Pl. (N.Si.) 75' W. of ℄ Walnut Grove Ave.
					Bt spk. in conc walk to ho. # 1805
Test hole #5			4.6	307.6	Ground surface at test hole #5
B.M. "W.M.-346"			6.51	305.73	B.M. "W.M. 346" EL. 305.734 F.B. 1412 Pg. 32
					Norwood Pl. (N.Si.) 60' W. of ℄ of Walnut Grove Ave.
					Bt spk. in conc walk to ho. #1161
		Log of Test Hole #5.			
		0.0' to	6.0		Sandy Silt. damp (brown DG)
		6.0 to	12.0		" " " Traces of Gravel (brown DG) No Water

Profile
Plotted ____ Date ____ No. ____
Notes Red ____ Date ____
Division No. 1225 Delta St. S.S.
Job No. 1225
Survey of ____ Notes G
Survey by H.E. Granquist
Indexed C. Johnson Date 4-11-49
X-Sec.
Checked ____ Date ____ No. ____
Notes Chkd. ____ Date ____
B.1417 Pg. 96

76L298 307 3M 11-48

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STATION	B. S.	H. I.	F. S.	ELEV.	
			TEST HOLE No. 6		
Location :- Walnut Grove Ave. & L.A. Co. Flood Control Wash (Rubio Wash)					
		120 ~~81~~ 'South & 14 ~~18~~ East of ℄ Int of Wash & Walnut Grove Ave.			
B.M. W.M. WM 343	6 30	318.13		311.83	B.M. W.M. 343 EL. 311.832 F.B. 1412 Pg 31
					Walnut Grove Ave. & Rubio Wash bridge S.E. Cor.
					Bt. spk. in S.E. Wing Wall
TEST hole #6			53	312.8	Ground surface at Test hole #6
B.M. "WM. 343"			6 30	311.83	B.M. "WM. 343" EL. 311.832. See Above.
			Log of TEST Hole No. 6.		
		0.0 to	7.0		Silty Sand trace Gravel damp
		7.0'	12.0'		Sand & Light Gravel. damp (No water) (O.G. brown)

Profile Notes Red ____ Plotted ____ Job No. 1225 Division No. ____ F.B. 1417 Pg. 97
No. ____ Date ____ Date ____ Survey of DELTA ST.S.S.
X-Sec. Notes Chkd. ____ Checked ____ Survey by H.E. Granquist Notes G Date 4-12-49
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L298 307 3M 11-48

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
		TEST hole No. 7.			
Location ÷		EARLE St. North End R/w. 14' W. of ℄ EARLE St. 393.5' of ℄ Valley Blvd.			
B.M. "W.M.-341"	5.43	325.08		319.65	B.M. "W.M.-341" EL. 319.653 FB. 1412 P. 30
					Vachon Dr. (WSi) 500' ± So. of Valley Blvd.
					Bt. spk. 1' S. of N. edge of apron to Garage ho. #1638 S. Earle St.
TEST hole #7			5.5	319.6	Ground Surface at Test hole #7
T.P.	3.51	323.28	5.31	319.77	H.Tag. 2x2' stk. RE. 6067 (WSi) EARLE St. S.P.L. ho. #1631
B.M. "R-113"			4.48	318.80	B.M. "R-113" EL. 318.794 FB 1412 Pg 29
					EARLE St. (ESi) 1400' ± N. of ℄ of MARSHALL St.
					Cut spk. W.S. side P.P. #477518 E.
		LOG of TEST Hole #7			
		0.0 to 12.0			Sandy Silt. damp. traces Light Gravel.
					No water.

F.B. 1417 Pg. 98

Job No. 1225 Division No. Notes Red. Plotted No. Profile

Survey of DELTA St. ss. Date Date X-Sec.

Survey by H.E. Granquist Notes G Notes Chkd Checked No.

Indexed C. Johnson Date 4-12-49 Date Date

76L298 307 3M 11-48

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726 HIGGINS BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			TEST	HOLE	No. 8	
Location: VALLEY BLVD. & DELTA St. S.W. Cor						
		51' South			+ 22' West of ℄ Int.	
B.M. "W.M. 339"	3.37	329.49		326.12	B.M. W.M. 339" EL. 326.124	F.B. 1412 Pg 27
					VALLEY BLVD & DELTA St. S.E. Cor	
					Bt. spk. in W. end of N. island of Service Station	
Test Hole #8			4.0	325.5	Ground surface at test hole #8	
" B.M. W.M. 339"			3.37	326.12	B.M. W.M. 339 EL. 326.124	see above
			Log of	TEST	hole No. 8	
		0.0 to	12.0		Sandy silt. damp.	No water

Profile Notes Red ____ Plotted ____ Job No. 1225 Division No. ____ F.B. Pg. 99
No. ____ Date ____ Date ____ Survey of DELTA St. S.S.
X-Sec. Notes Chkd. ____ Checked ____ Survey by H. Granquist Notes G. Date 4-12-49
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.B. 1417 PG. 100

Job No. 1225 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of DELTA St. S.S. Date _____ Date _____ No. _____

Survey by H E Granquist Notes G Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date 4-12-49 Date _____ Date _____ No. _____

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

76L298 307 3M 11-48

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F.B. 417 Pg. 101

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 1239 Division No. _____

Date _____ Date _____ Survey of _____

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by Schoen Notes K.S. Date 6-14-49

Date _____ Date _____ Map No. _____ Indexed _____ Date AUG 8 '50

A. C. Johnson

C.I. 1239 - ELLIS LANE

TEST HOLES

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

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76L298 307 3M 11-48

76L298 307 3M 11-48

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
		TEST HOLE No 1 - N.E. Corner Ellis Lane & Guess St			
					(28' N ℄ Guess St, 40' E ℄ Ellis Lane)
T.H. at same elev as ℄ Ellis Lane					
				9.8'	No Water
			2¼ hrs later		No Water
		TEST HOLE No 2 - N.E. Cor. Guess & Strang Ave			
					(26' E ℄ Strang; 48' N ℄ Guess St)
T.H. at same elev. as ℄ Strang Ave					
				5.7'	Water
	after 1½ hrs			4.0'	Water
		TEST HOLE No 3 - N.E. cor Strang Ave & Ramona Blvd.			
					(30' E ℄ Strang Ave; 50' N of N.P.L. Ramona)
T.H. 0.2' higher than ℄ Strang Ave					
				7.4'	No water
	after 1 hr 10 min.			7.1'	Water

F.B. 1417 PG. 102
Job No. 1239 Division No. Notes Red. Plotted
Survey of Ellis Lane Date 6/14/49 No. Profile
Survey by Schorr Notes Schorr Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

76L298 307 3M 11-48

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE No 4			(S.E. cor. Brookline Ave & Alley Sov of Valley Blvd)	
					(20' E & Brookline; 40' S & Int of Alley)	
T.H. 0.2' higher than &					Brookline Ave	
				9.3'	No water	
after 4 3/4 hrs				9.2'	No water	
		TEST HOLE No 5			N.E. cor. Marshall St. & Ellis Lane	
Septic tank excavation - water level at 6.5' below surface after 24 hrs.						
		TEST HOLE No 6			S.E. cor. Marshall St & Strang Ave.	
					55' S & Int, 18' E & Strang Ave	
				5.3'	Water	
after 4 hrs				5.0'	Water	

Profile No. ___ Date ___ Notes Red ___ Plotted ___ Job No. 1239 Division No. ___
X-Sec. No. ___ Date ___ Notes Chkd ___ Checked ___ Survey of Ellis Lane
Survey by Schorr Notes K.S. Date 6/14/49
Map No. ___ Date ___ Indexed ___ Date ___

F.B. 1417 PG. 103

F.B. 417 PG. 104

Job No. 1239 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Ellis Lane Date _____ Date _____ No. _____

Survey by Scherr Notes S. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date 6/14/49 Date _____ Date _____ No. _____

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

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76L298 307 3M 11-48

F.B. 1417 Pg. 105

Profile No. _____ Notes Red _____ Plotted _____ Job No. 1249 Division No. _____
Date _____ Date _____ Survey of Shirley Ave
X-Sec. No. _____ Notes Chkd _____ Checked _____ Survey by K. Schory Notes K.S. Date 6/14/49
Date _____ Date _____ Map No. _____ Indexed L.G. Johnson Date AUG 8 50

C.I. 1249 - SHIRLEY AVE

TEST HOLES

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

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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76L298 307 3M 11-48

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
	TEST HOLE Nº 1				S.W. cor Valley Blvd & Gibson Rd
				9.4'	No water
	after 3½ hrs			9.3'	No water
	TEST HOLE Nº 2				S.W. cor Baldwin Ave & Cedar Lane
				6.0'	Water
	after 1¼ hrs			5.4'	Water
	TEST HOLE Nº 3				N.W. cor Baldwine Ave & Ramona Blvd
				10.0'	Water
	after 2 hrs			9.2'	Water
	TEST HOLE Nº 4				N.E. cor Valley Blvd & Rowland Ave
				8.9'	No water
	after ½ hr			8.9'	No water

F.B. 1417 Pg. 106
Job No. 1249 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of Shirley Ave Date ____ Date ____ No. ____
Survey by Scherr Notes 12.5 Notes Chkd. ____ Checked ____ X-Sec.
Indexed A. C. Jones Date 6/14/49 Date ____ Date ____ No. ____

Profile No. | Notes Red | Plotted | Job No. 501-6200 | Division No. | F.B. 1417 Pg. 107

X-Sec. No. | Notes Chkd | Checked | Survey of Lee Ave | Date | Survey by Schorr | Notes K.S. | Date 6/13/49

Date | Date | Map No. | Indexed R. C. Johnson | Date AUG 8 50

LEE AVE. PET. DIST.

TEST HOLES

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

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76L298 307 3M 11-48

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
	TEST HOLE N° 1				50'N ℄ Fern Ave; 25'E ℄ Loma Ave
				9.7'	No Water
	after 5¼ hrs			9.4'	Water
	TEST HOLE N° 2				28'N ℄ Rush St, 40'E ℄ Loma Ave
				9.7'	No water
	after 3½ hrs.			8.9'	Water
	TEST HOLE N° 3				44'S. ℄ Rush St; 53'W ℄ Rosemead Blvd
				7.1'	Water
	after 3½ hrs			5.2'	Water
	TEST HOLE N° 4				46'E ℄ Troy Ave; 16'N ℄ Short St.
				6.0'	Water
	after 4 hrs			4.8'	Water

F.B.1417 PG. 108

Job No. Lee Ave Division No. Notes Red. Plotted Date 6/13/49 Date No. Profile

Survey of Lee Ave Notes K.S. Date Checked Date No. X-Sec.

Survey by K. Scherr Notes K.S. Date Checked Date No.

Indexed C. Johnson Date

76L298 307 3M 11-48

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
	TEST HOLE No. 5				20' S ℄ Nabel; 25' W of W.P.L. Rosemead Blvd	
				8.2'	Water	
	after 3 hrs.			8.0'	Water	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 501-6200 Division No. ____

X-Sec. No. ____ Date ____ Date ____ Survey of Lee Ave

Notes Chkd. ____ Checked ____ Survey by K. Schaer & C. Johnson Notes K.S. Date 6/13/49

Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. M17 Pg. 109

F.B. 1417 PG. 115

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

Survey of _____ Date _____ Date _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76L298 307 3M 11-48

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE NO. 1				
		Sta. 6+00 on ℄ PIMENTA AVE				
				51.63	Top of Cb @ 6+00 =	
				50.61	Top of Ground - ie Sub-grade	
				43.80	Damp clay & Sand	
				43.30	Very damp Sand - Soft.	
		TEST HOLE NO. 2				
		Sta. 9+00 on ℄ PIMENTA AVE				
				52.09±	Top of Curb @ 9+00	
				51.49	Top of Ground - ie Sub grade	
				45.50	Damp Sandy clay. (firm)	
				44.60	Very damp Sand	
				44.20	Wet Sand - Water after 3 min.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of PIMENTA AVE - Camerino To Lkwd.
Notes Chkd. ____ Checked ____ Survey by Collins & Son Notes Collins Date 3-11-50
Date ____ Date ____ Map No. ____ Indexed ____ Date AUG 8 50

F.B. 1417 PG. 111

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE NO. 3				
		Sta. 6+00 on OLIVA AVE ℄				
				50.96	Top of Curb @ 6+00	
				50.00	Top of Ground, ie, subgrade	
				44.10	Damp clayey sand	
				43.20	Damp Sand	
				42.80	Damp Clay	
		TEST HOLE NO. 4				
		Sta. 9+23 on ℄ OLIVA AVE.				
				51.48	Top of Curb (Average Across)	
				50.88	Surface	
				44.50	Damp Clayey Sand	
				43.70	Wet Sand Water in 3 min.	

F.B. 1417 PG. 112

Job No. 3309 Division No. Notes Red. Plotted No. Profile

Survey of OLIVA AVE. - Camerino to South Date 3-11-50 Date X-Sec.

Survey by Collins & Son Notes Collins Notes Chkd. Checked No.

Indexed R. C. Johnson Date Date Date

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE NO. 5				
		Sta 18+45 on ℄ HAYTER AVE.				
				54.64	Top of Curb @ 18+45	
				54.10	Top of Ground, ie Sub.grade	
				48.90	Very damp sand	
				48.10	Wet sand	
				47.10	Damp Clay - Water coming in	
		TEST HOLE NO. 6				
		Sta 9+23 on ℄ HAYTER AVE.				
				51.19	Top of Curbs @ 9+23 (Average Across	
				50.65	Top of Subgrade -	
				45.65	Damp Sand	
				44.65	Damp Clay	
				43.45	Damp Sand (No Water)	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 3309 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of HAYTER AVE.
Notes Chkd. ____ Checked ____ Survey by Collins & Gm Notes Collins Date 3-11-50
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. J417 PG. 113

F.B. 1417 PG. 114

Job No._____ Division No._____ Notes Red._____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

76L298 307 5-49

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76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE NO. 1				
		Sta 16+15 on ℄ SUNFIELD AVE,				
				54.70 Ground Surface (Ungraded)		
				47.50 Damp Clay (firm)		
		TEST HOLE NO. 2				
		Sta 17+75 on ℄ ALLEY W. OF CLARK AVE.				
				55.00 Ground Surface (Ungraded)		
				46.00 Damp Clay (firm)		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 3310 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of SUNFIELD AVE
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Collins-Lee Notes Collins Date 3-12-50
Map No. ____ Indexed C. Johnson Date AUG 8 50

F.B. 1412 PG. 115

F.B. 147 PG. 116

Job No._____ Division No._____ Notes Red._____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

76L288 307 5-49

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F.B. 4/7 Pg. 117

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6200 Division No. ____

Date ____ Date ____ Survey of Ferris Rd. Pet. Dist

X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by Ruth Notes R.S. Date 4/3/50

Date ____ Date ____ Map No. ____ Indexed C. Johnson Date AUG 8 '50

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

FERRIS RD. PETITION DISTRICT

TEST HOLES

C. Ruth
C. Drucker

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PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 307 10M 10-46

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

TEST HOLE No 1
La Madera & Ferris Rd, N.W. Corner
15' N. of ℄ Ferris Rd & 35' W. of La Madera Ave

Test hole 0.5' lower than ℄ Ferris Rd
0-5' Moist top soil
5-6' Moist sand
6-15' Moist clay & sand
No water at 15' after 3 1/4 hrs

TEST HOLE No 2
Ferris Rd & Richwood Ave, N.E. Corner
35' E. of Richwood & 18' N. of Ferris

Test hole 0.5' lower than ℄ Ferris Rd
0-7' Damp top soil
7-11' Damp clay
11-14' Very fine, slightly damp sand. Came up easily but didn't pack well
No water at 14' after 2 1/2 hrs

F.B. 1417 PG. 118
Job No. 6200 Division No. Notes Red Plotted Profile
Survey of Ferris Rd. Pet. Dist Date 4/3/50 Date No.
Survey by Notes Notes Chkd Checked X-Sec.
Indexed E. C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

TEST HOLE Nº 3
FERRIS RD & SAN BERNADINO S.W. Corner
30' S. of ℄ Ferris Rd & 10' W. of ℄ San Bernardino

Test hole 1' lower than ℄ San Bernardino

0-3 Damp top soil
3-4 Damp clay & sand
4-6 Clay & fine sand
6-10 Damp clay

No. water at 10' after 2 hours

Profile Notes Red ____ Plotted ____ Job No. 6200 Division No. ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by Ruth Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 417 Pg. p119

F.B. 1417 Pg 1-9

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 SM 1-46

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LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

F.B. 117 PG. 121

Profile No. | Notes Red. | Plotted | Job No. 1241 | Division No.
Date | Date | Survey of Grape St
X-Sec. No. | Notes Chkd. | Checked | Survey by Schorr | Notes K.S. | Date 6/28/50
Date | Date | Map No. | Indexed R. C. Johnson | Date AUG 8 '50

C.I. 1244 - GRAPE ST.

TEST HOLES FOR SOIL CONDITIONS

K. Schorr
C. White

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

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

76L298 307 5-49

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE	Nº 1		on ℄ Spruce St at East end of St	
			0-.5'		Top soil	
			.5-11'		Damp sand - test hole held, but when soil was formed into ball, it fell apart into small clumps	
			11-12'		Damp sand (as above) with slightly heavier gravel	
		TEST HOLE	Nº 2		Pine St & Beverly Blvd - S.W. corner	
			0-1'		Top soil	
			1'-3'		Fine sand - slightly damp, hole held, but ball would crumble	
			3'-10.5'		Damp sand - would not hold moulded shape	
					Note: Unable to dig deeper - appeared that hole was caving in at bottom	

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red. ____ Date 6/28/50 Notes Chkd. ____ Date ____

Division No. ____ Job No. 1244

Survey of Grape St Notes K.S.

Survey by Schorr Date

Indexed E. C. Johnson

F.B. 1417 PG. 122

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		
		TEST HOLE No 3			On ℄ Alley No of Whittier Blvd at West End	
			0'-1'		Topsoil	
			1'-3'		Damp sand - held shape	
			3-7'		Wet sand & clay - held shape	
		TEST HOLE No 4			North end Ivy St on ℄	
			0-3'		Fine topsoil	
			3-6'		Damp sand } would not hold shape	
			6-8'		Damp sand }	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1244 Division No. ____
X-Sec. No. ____ Date ____ Date 6/22/50 Survey of Grape St
Notes Chkd. ____ Checked ____ Survey by Schorr Notes KJ Date 6/22/50
Date ____ Date ____ Map No. ____ Index No. [redacted] Date ____

F.B. 141 PG. 123

F.B. 1417 PG. 124

Job No._____ Division No._____ Notes Red._____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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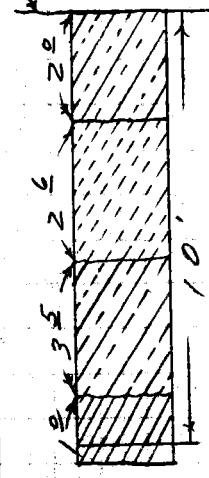
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
					TEST HOLE Nº 1
					30' E. of Int. of Slater St., & Alvaro St.
BM.-LN-5	4 1	99 5		95 44	BM. LN-5 El: 95.441 F.B. 1702-15
			5 4	94 1	Alvaro St. (W. Side), 70' ± N. of ℄ of Slater St.
T.P.	4 8	99 7	4 6	94 9	Bt. spk. in N. Side of & 8' W. of E. end of conc. dr. Ho. #1170
			5 4		top Gnd. test hole #1



clayey silt.

silt.

clayey silt.

clay Note slightly damp

BM. LN.6			5 4	94 3	BM. LN-6 El: 94.346 F.B. 1702-15
					Slater St. (E. Side), 320' ± N. of ℄ 118th St.
					Bt. spk. in N. Side & 3' E. of W. end conc. wall & Ho. #1738

Profile Notes Red. Plotted Job No. 1388 Division No. F.B. 1417 Pg. 125
No. Date Date Survey of Antelope Ave.
X-Sec. Notes Chkd. Checked Survey by Butler Notes Sailing Date 8-16-51
No. Date Date Map No. Indexed Date

76L29B 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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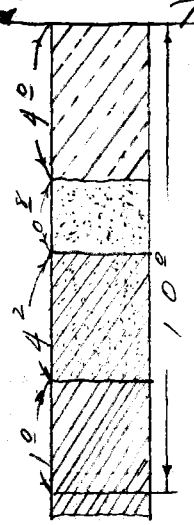
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
					TEST HOLE #2
					35' So. & 35' W. of ℄ Int. Success St. & 118th St.
BM. LN-14	3 7	96 8		93 07	B.M. LN-14 El: 93.068 F.B. 1702-18 Success Ave. & 118th St., N.W. Cor. Bt. spk. in conc. catch basin.
			3 8	93 0	Top Gnd. test hole #2.
					clayey silt.
					sand.
					Clayey Sand. (damp)
					clay (Moist)
BM. LN-10			3 1	93 7	B.M. LN-10 El: 93.664 F.B. 1702-16 118th St., & Parmelee Ave., S.E. Cor. Bt. spk. in N.W. Cor. bottom step to No. #11812



Note: Local Resident (Employee of Water co.) estimates water table @ approx 12.0 ft.

Profile
Plotted ____ Date ____ No. ____
X-Sec.
Checked ____ Date ____ No. ____
Notes Red. ____ Date ____
Notes Chkd ____ Date ____
Division No. ____ Date ____
Job No. 1388
Survey of Antwerp Ave.
Survey by Butler Notes Smiley
Indexed ____ Date ____

NOTES RED _____ JOB NO. CI 227614 SURVEY OF Retford St S.S. Dist

DATE _____ SURVEY BY D.E. Holmes

NOTES CHKD. M. OSHI NOTES BY _____ DATE 11-4-63

DATE _____ INDEXED [redacted] DATE [redacted]

F.B. 1417 Pg. 127

CI 227614

RETFORD ST S.S. Dist.

BENCH LEVELS

Holmes
WALSH
MASSEY
MOYA

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

768420 S & E-353 9-55

768420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
39-6	664.048				664.048	B.M. 39-6 Elv. 664.048 F.B. 1417-128
	+ 6.878		6.806	6.981		CYPRESS AVE & GLENDORA AVE
⊼	670.926	+ 3.020	+ 3.025	+ 3.022		℄ INTER, C.S. MON. in H.H. with COVER,
	- 3.858		3.781	3.959		Stamped "COUNTY SURVEYOR.
T.P.	667.068					R.E. 63 (dn. 7")
	+ 5.580		5.482			F.B. 1360-12 1958 Adj. Elv. 664.048
⊼	672.648	+ 2.120	2.120			
	- 3.460		3.362			
TP	669.188					
	+ 6.259		6.208	6.092		
⊼	675.447	+ 2.640	+ 2.645	2.642		
	- 3.619		3.563	3.450		
TP	671.828					
	+ 6.267		6.163			
⊼	678.095	+ 3.217	+ 3.214			
	- 3.050		2.949			
TP	675.045					
	+ 5.699		5.521	5.739		HV 70
⊼	680.744	+ 3.171	+ 3.161	+ 3.171		
	- 2.528		2.360	2.568		
TP	678.216					
	+ 6.740		6.600			
⊼	684.956	+ 3.851	+ 3.850			
	- 2.889		2.750			
TP	682.067					

F.B. 1417 PG. 128

JOB NO. CI 2276.14 SURVEY OF Petford St SS Dist NOTES RED.
SURVEY BY D E Holmes DATE
NOTES BY M A Walsh Jr DATE NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

765420 S & E-353 9-55

PLEASE RETURN TO
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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	682.067					
	+ 5.100		5.027			
π	687.167	-0.840	-0.840			
	- 5.940		5.867			
Set HV 170	681.227				681.224	BM HV 170 - Elev FB 1417-129
	+ 1.389		1.335			Cypress St & Banna Ave - S.W. Cor
π	682.616	-2.992	-2.994			Bt. Spk in cb - 10' So. of S.C.R.
	- 4.381		4.329			
TP	678.235					
	+ 5.827		5.738			
π	684.062	+0.008	+0.010			
	- 5.819		5.728			
TP	678.243					
	+ 4.136		4.030	3.980		
π	682.379	-1.243	-1.248	-1.245		
	- 5.379		5.278	5.225		
Set HV 171	677.000				676.999	BM HV 171 - Elev FB 1417-129
	+ 3.624		3.499			Banna Ave. & Culver Pl - N.E. Cor
π	680.624	-2.097	-2.100			Bt. Spk in cb - 10' No. of N.C.R.
	- 5.721		5.599			
TP	674.903					
	+ 6.859		6.771			
π	681.762	+6.349	+6.346			
	- 0.510		0.425			
Set HV 172	681.252				681.249	BM HV 172 - Elev FB 1417-129
	+ 10.679		10.602			Banna Ave & Farland St - S.E. Cor.
π	691.931	+7.890	+7.893			Bt. Spk in cb - 10' So. of S.C.R.
	- 2.789		2.719			
TP	689.142					

NOTES RED _____ JOB NO. _____ SURVEY OF Pet Ford St SS Dist
DATE _____ SURVEY BY D.E. Holmes
NOTES CHKD M. OSHITA NOTES BY M.A. Walsh Jr. DATE 11-4-63
DATE _____ INDEXED R.J. BALL DATE _____

F.B. 1410 Pg. 129

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	689.142					
	+ 2.514		2.401			
⊼	691.656	-6.533	-6.531			
	- 9.047		8.932			
Set HV 173	682.609				682.604	BM HV 173 - Elev - FB 1417-130
	+ 4.630		4.528	4.451		Retford Ave & Banna Ave - N.E. Cor
⊼	687.239	+0.001	+0.007	0.003		Bt. Spk in cb - 10° E of E P.R.
	- 4.629		4.521	4.448		
TP	682.610					
	+ 5.750		5.601			
⊼	688.360	+1.340	+1.339			
	- 4.410		4.262			
TP	683.950					
	+ 5.799		5.664			
⊼	689.749	+1.640	+1.639			
	- 4.159		4.025			
Set HV 174	685.590				685.587	BM HV 174 - Elev - FB 1417-130
	+ 2.369		2.259			Retford Ave S. Side - 627'± E of inter
⊼	687.959	-5.726	-5.727			Retford Ave & Banna Ave - Bt. Spk
	- 8.095		7.986			in cb - in front of garage to HO# 20256
TP	679.864					
	+ 3.951		3.871			
⊼	683.815	-1.619	-1.619			
	- 5.570		5.490			
Set HV 175	678.245				678.242	BM HV 175 - Elev - FB 1417-130
	+ 3.411		3.329			Edgecomb Ave - S. side 583'± E inter
⊼	681.656	-4.199	-4.202			Edgecomb Ave & Banna Ave - Bt. Spk
	- 7.610		7.531			in cb - in front of HO# 20252 - 14'± W of S.B.C.
TP	674.046					in cul de sac

F.B. 1417 Pg. 130

JOB NO. GI 227614 SURVEY OF Retford St SS Dist NOTES RED.
SURVEY BY D.E. Holmes DATE
NOTES BY M.A. Walsh Jr. DATE 11-4-63 NOTES CHKD.
INDEXED C. J. GAIN DATE DATE

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	674.046					
	+ 2.782		2.699	2.611		
π	676.828	-4.656	-4.649	-4.653		
	- 7.438		7.348	7.264		
SET HV 176	669.390				669.388	BM HV176 - Elev - FB 1417-131
	+ 1.691		1.635			BANNA AVE & EDGECOMB AVE - S.E. Cor
π	671.081	-5.608	-5.607			Bt. Spk in cb - 5' E. of E.C.R.
	- 7.299		7.242			
SET HV 177	663.782				663.780	BM HV 177 - Elev - FB 1417-131
	+ 7.261		7.198			BANNA AVE & RUDDOCK ST - N.E. Cor.
π	671.043	+5.608	+5.608			Bt. Spk in cb - 8' N. of N.C.R.
	- 1.653		1.590			
HV 176	669.390				669.390	BM HV 176 - Elev FB 1417-131
	+ 6.684		6.545			SEE ABOVE
π	676.074	+4.908	+4.906			
	- 1.776		1.639			
TP	674.298					
	+ 8.949		8.860			
π	683.247	+8.301	+8.300			
	- 0.648		0.560			
HV 173	682.599				682.604	BM HV 173 - Elev - FB 1417-130
	+ 10.188		10.100			RETFORD AVE & BANNA AVE - N.E. Cor.
π	692.787	+6.534	+6.532			Bt. Spk in cb - 10° E. of E.C.R.
	- 3.654		3.568			
T.P.	689.133					

NOTES RED ____ JOB NO. ____ SURVEY OF Retford St SS Dist
DATE ____ SURVEY BY D.E. Holmes
NOTES CHKD. M. OSHIN NOTES BY M. A. Walsh Jr DATE 11-5-63
DATE ____ INDEXED R. J. GALLI DATE ____

F.B. 1417 PG. 131

768420 B & E-353 9-55

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C.F. JOB NO. 22916.14 SURVEY OF Rexford St S.S. Dist NOTES RED.
SURVEY BY D.E. Holmes DATE NOTES CHKD.
NOTES BY M.A. Walsh Jr. DATE 11-5-63 DATE
INDEXED E.J. Gallu DATE

F.B. 1417 PG. 132

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	689.133					
	+ 2.093		2.041			
π	691.226	- 7.887	- 7.887			
	- 9.980		9.928			
HV 172	681.246				681.249	BM HV 172 - Elev - FB 1417-129, 132
	+ 0.395		0.271			Banna Ave & Farland St. - S.E. Cor
π	681.641	- 6.346	- 6.349			Bt Spk in cb - 10° S. of S.C.R.
	- 6.741		6.620			
TP	674.900					
	+ 6.266		6.179			
π	681.166	+ 2.097	+ 2.097			
	- 4.169		4.081			
HV 171	676.997				676.999	BM HV 171 - Elev - FB 1417-129, 132
	+ 5.841		5.739			Banna Ave & Colver Pl - N.E. Cor.
π	682.838	+ 1.242	+ 1.240			Bt Spk in cb - 10° N. of N.C.R.
	- 4.599		4.499			
TP	678.239					
	+ 5.571		5.491			
π	683.810	+ 0.091	+ 0.089			
	- 5.480		5.402			
TP	678.330					
	+ 4.175		4.090			
π	682.505	+ 2.891	+ 2.889			
	- 1.284		1.201			
HV 170	681.221				681.224	BM HV 170 - Elev - FB 1417-129, 132
	+ 6.690		6.529			Cypress St & Banna Ave - S.W. Cor
π	687.911	+ 0.801	+ 0.801			Bt Spk in cb - 10° So. of S.C.R.
	- 5.889		5.728			
TP	682.022					

768420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	682.022					
	+ 5.134		5.020			
π	687.156	+1.454	+1.452			
	- 3.680		3.568			
TP	683.476					
	+ 7.361		7.261	7.197		
π	690.837	+3.533	+3.538	+3.536		
	- 3.828		3.723	3.661		
Set HV 178	687.009				687.006	BM HV 178 - Elev - FB 1417-133 Cypress St & Kidder Ave - S.E. Cor Bt Spk in ch - 5° E. of E.C.R.
	+ 6.110		5.988			
π	693.119	+2.561	+2.564			
	- 3.549		3.424			
TP	689.570					
	+ 7.579		7.541			
π	697.149	+4.003	+4.002			
	- 3.576		3.539			
TP	693.573					
	+ 6.167		6.099			
π	699.740	+1.822	+1.824			
	- 4.345		4.275			
TP	695.395					
	+ 5.274		5.181			
π	700.669	-0.528	-0.528			
	- 5.802		5.709			
BM 39-7	694.867				694.856	BM 39-7 - Elev 694.856 - FB 1360-13 Cypress St & Bonnie Cove Ave - ℄ inter in a well with C.S. Cover - A L'T on Tp conc. box culvert

NOTES RED. CJ JOB NO. 2276.14 SURVEY OF Retford St SS
DATE SURVEY BY Holmes
NOTES CHKD. M. OSHIII NOTES BY M. A. Walsh Jr. DATE 11-5-63
DATE INDEXED E. J. GALLI DATE

F.B. 1417 Pg. 133

F. B. 1417 PG. 134

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED E. J. GALLI DATE _____ DATE _____

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

Do not extend notes this side of this line

768420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by M. OSHITA	Survey of Retford St. SS Dist
Map No.	CI JN 2276.14 Tape Std °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes Holmes Date 11-4-63
Date	Indexed R. J. GALLI NOV 8 '63

F. B. 1417 Pg. 135

CI 2276.14

RETFORD ST. S.S. Dist.

INDEX

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PLEASE RETURN TO
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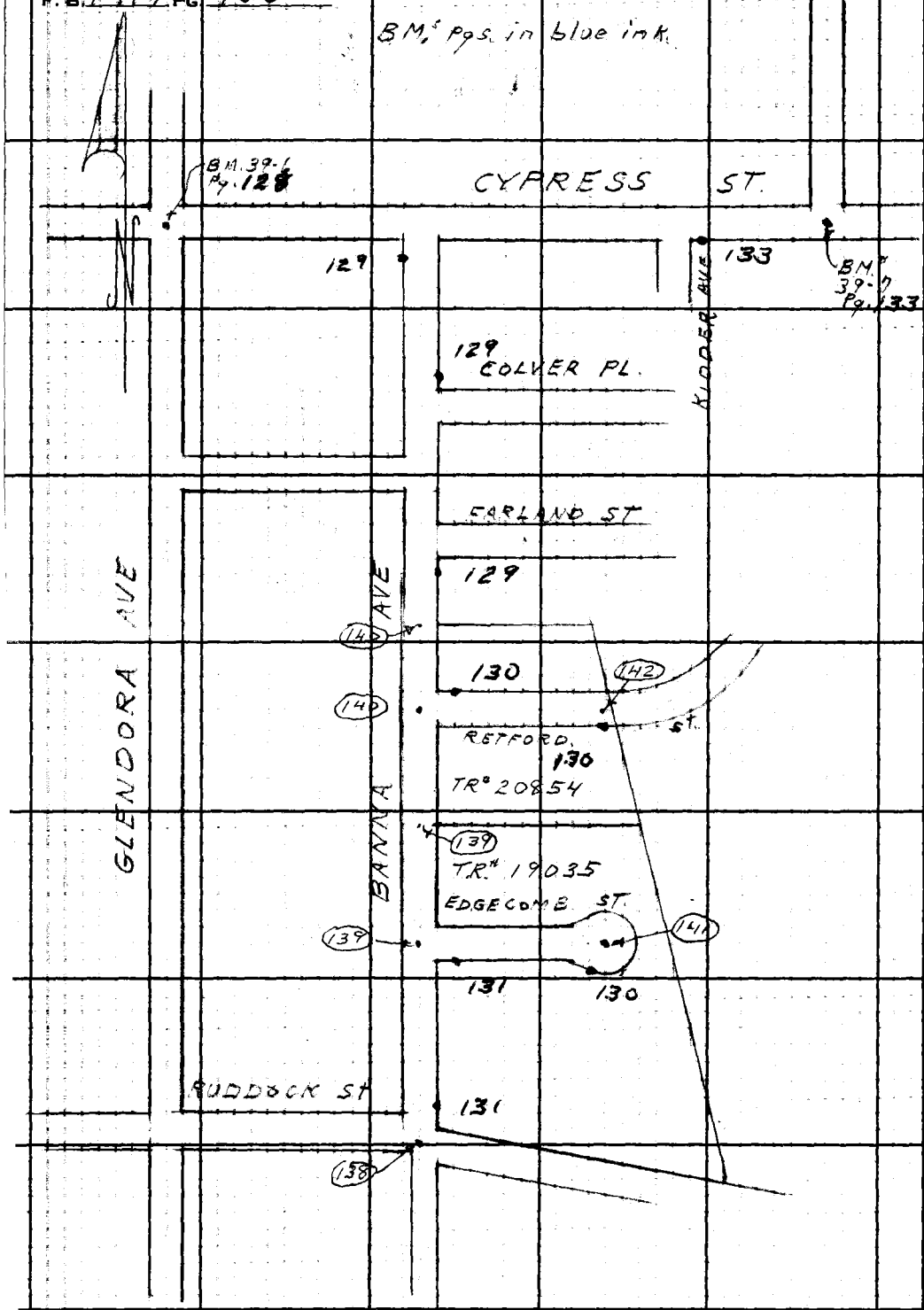
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S C.E. #310 6-62

F.B. 1417 PG. 136

BM's pgs. in blue ink.



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PWFB 1433 594

Notes Ck'd by M. OSHITA	Survey of Retford St. SS Dist
Map No.	CI JN 227614 Tape 0211 Std 68 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes Holmes Date 11-1-63
Date	Indexed E. J. GALLI NOV 8

F. B. ~~1417~~ Pg. ~~139~~

CI. 227614
RETFORD ST. S.S. Dist
& SURVEY
OF
EDECOMB ST & RETFORD ST.
IN
TR# 19035 & TR# 20854
COVINA AREA

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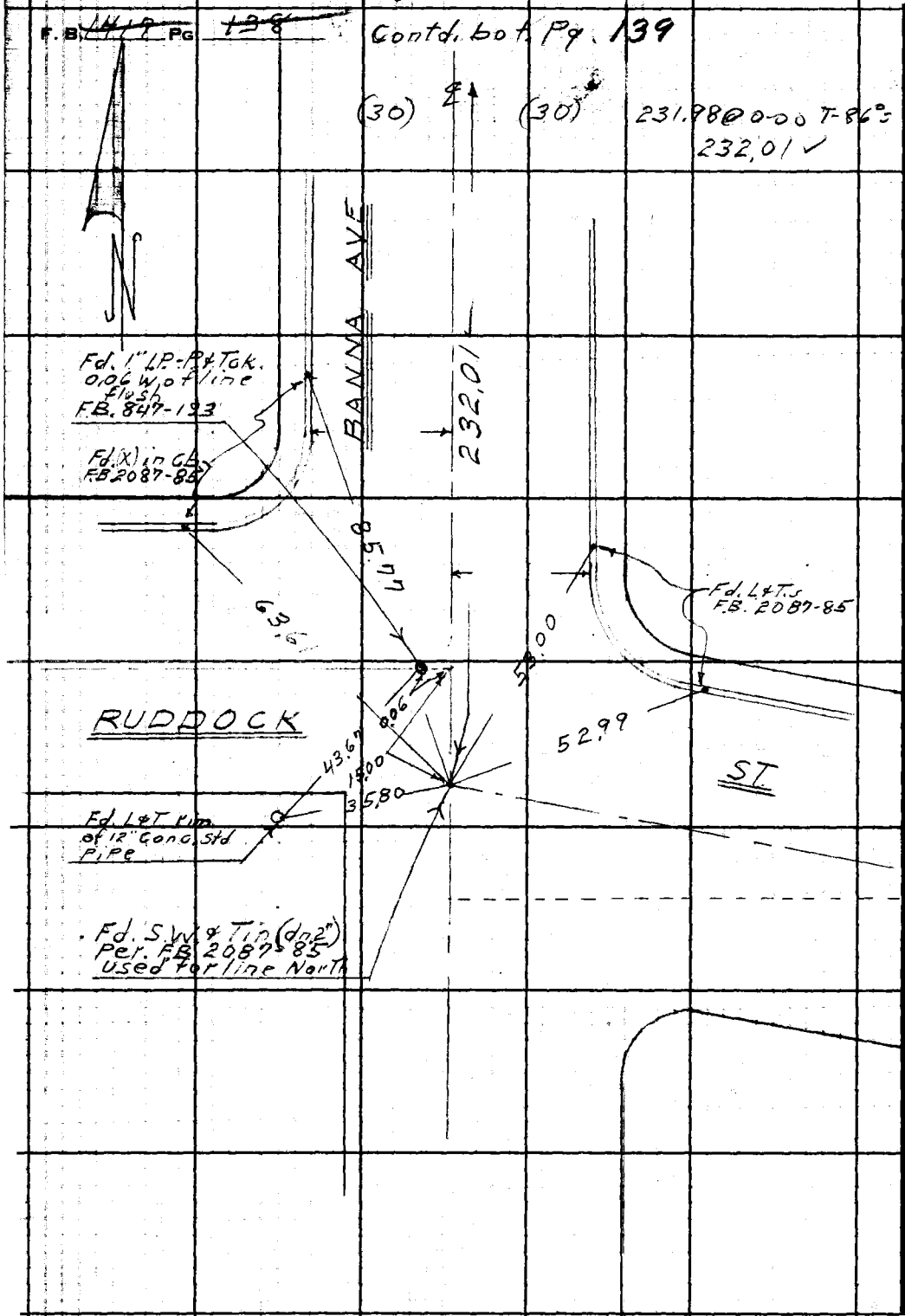
76F309S C.E. #310 6-62

PWFB 1433 595

F.B. ~~1417~~ PG ~~138~~ Contd. bot. Pg. 139



WS 98 A-4

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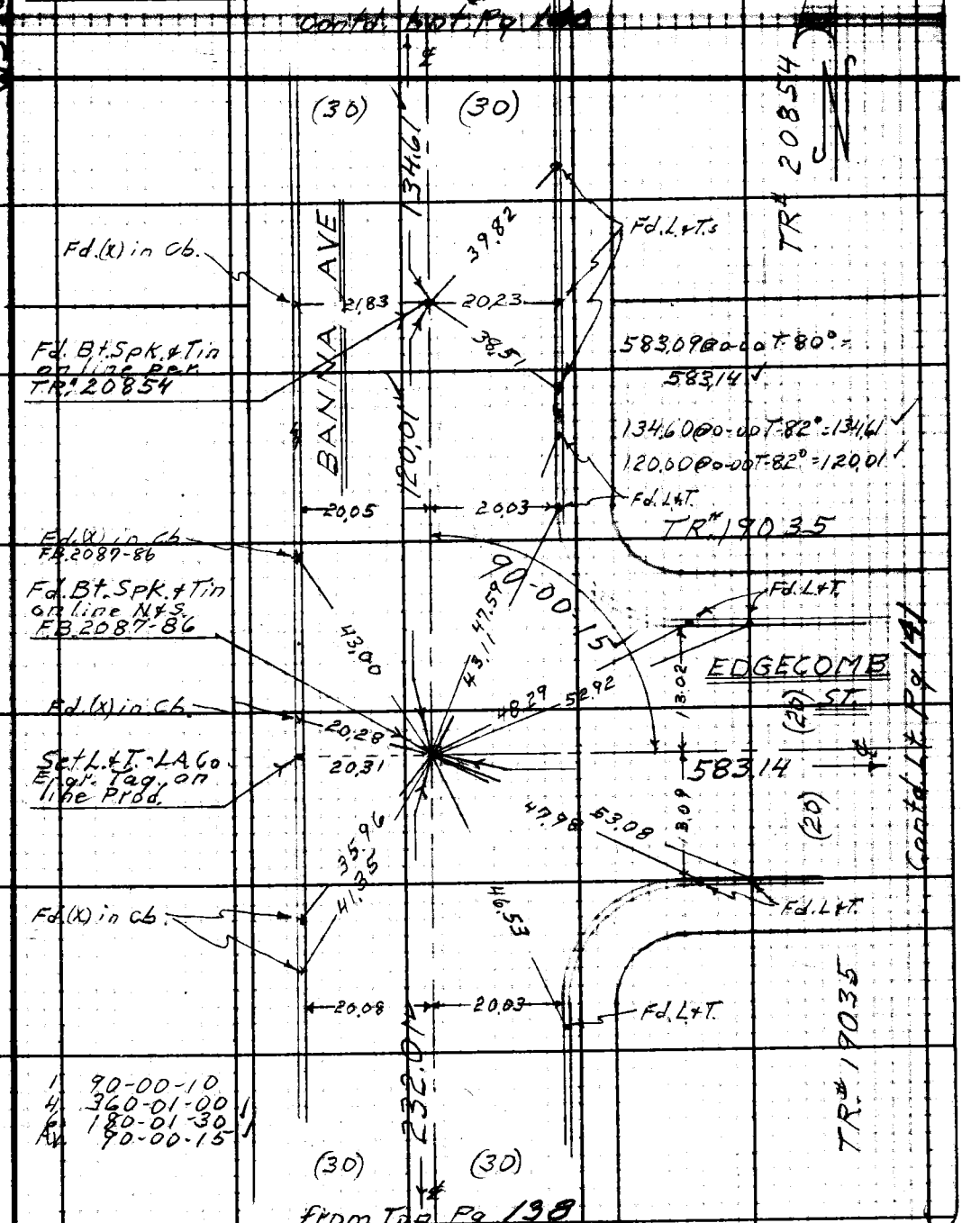
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1433 596

Notes Ck'd by M. OSHITA	Survey of Retford St. SS Dist
Map No.	JN 2276.14 Tape 0211 Std 68 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes Holmes Date 11-1-63
Date	Indexed B. J. GAR

F. B. 1417 Pg. 139

W598 A-4



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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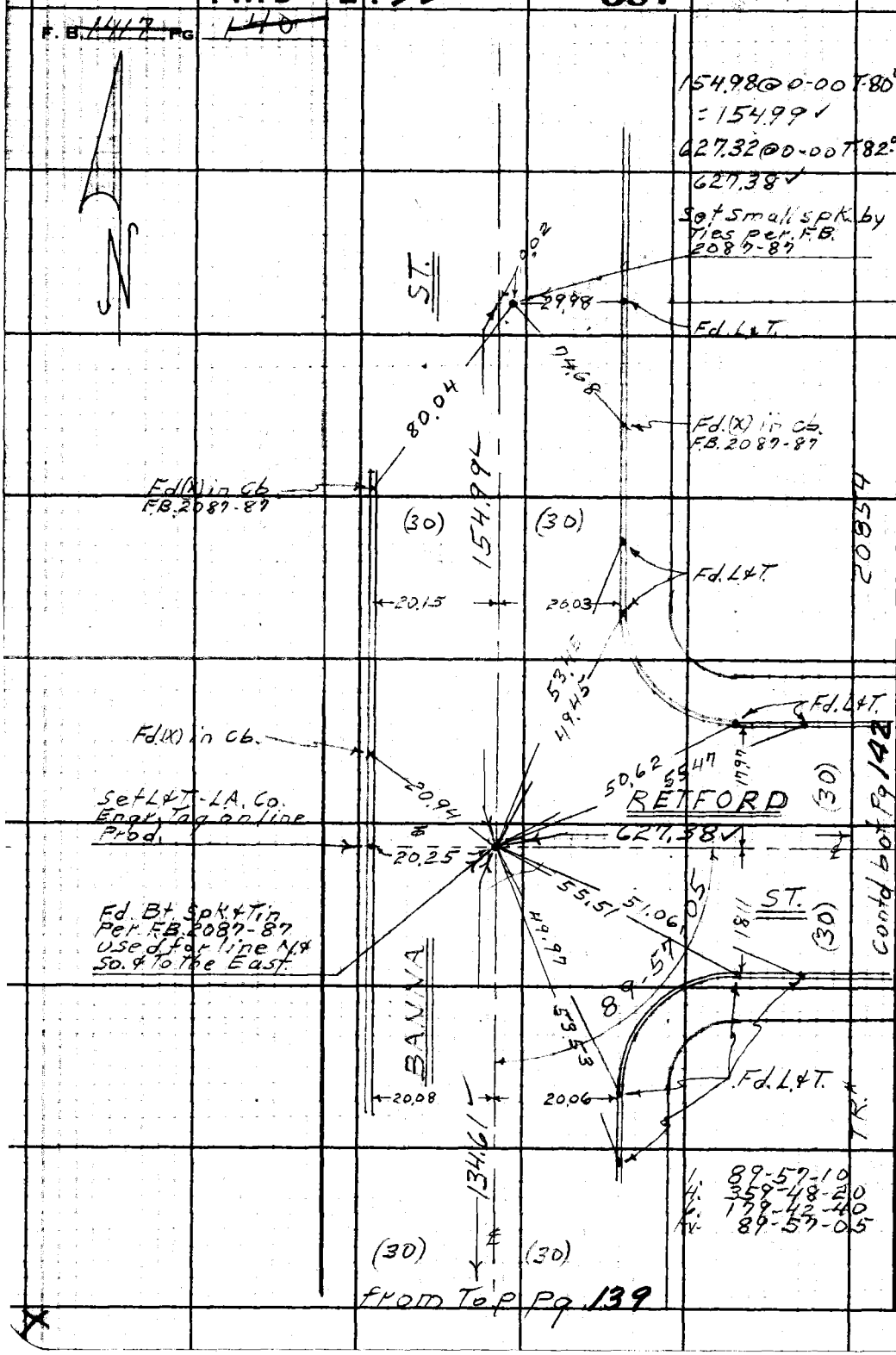
76F3095 C.E. #310 6-62

PWFB 1433 597

F. B. ~~1417~~ PG ~~140~~



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PWFB 1433

598

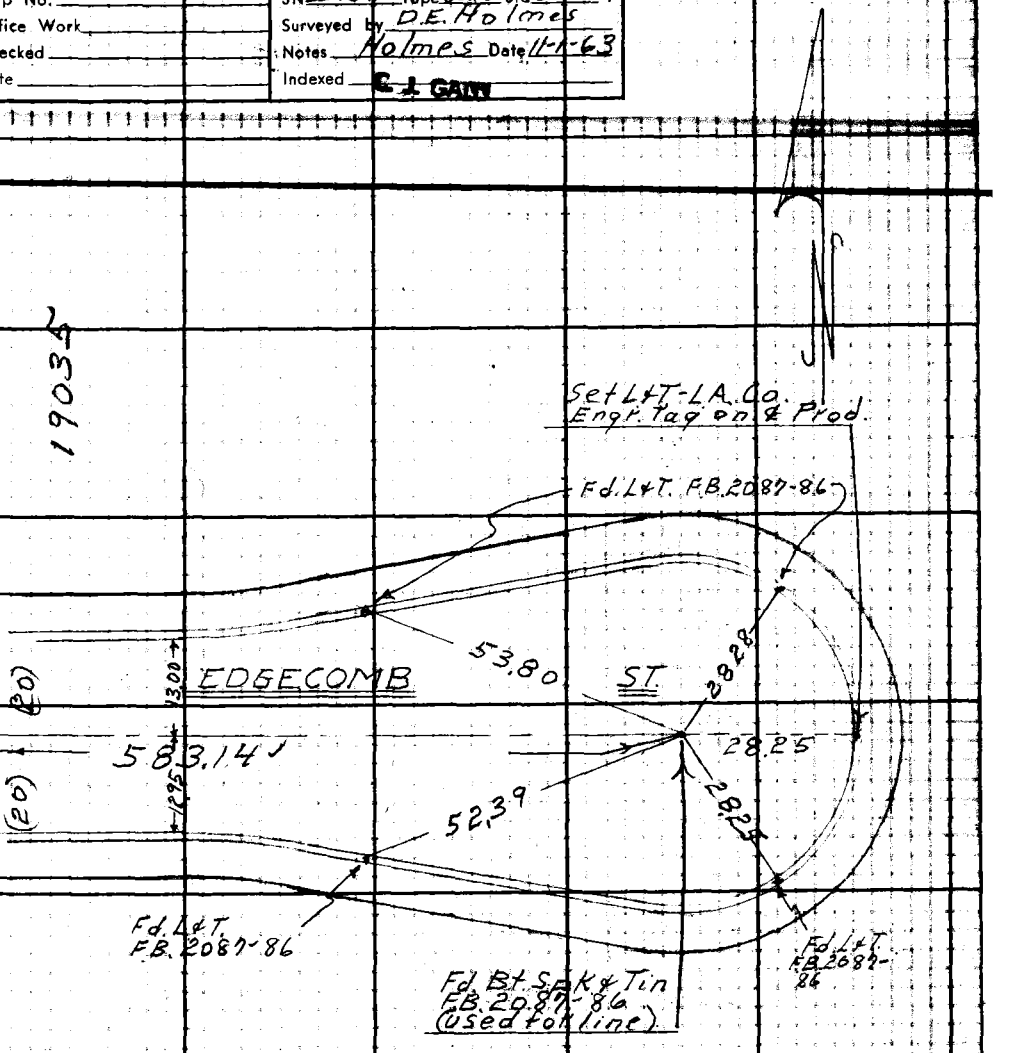
Notes Ck'd by M. OSHITA	Survey of Pettord St. SS Dist
Map No.	JN 2276.14 Tape 0211 Std 68 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes Holmes Date 11-1-63
Date	Indexed C. J. GAIN

F. B. ~~1417~~ Pg. ~~1411~~

A-4

WS 98

19035



TR #

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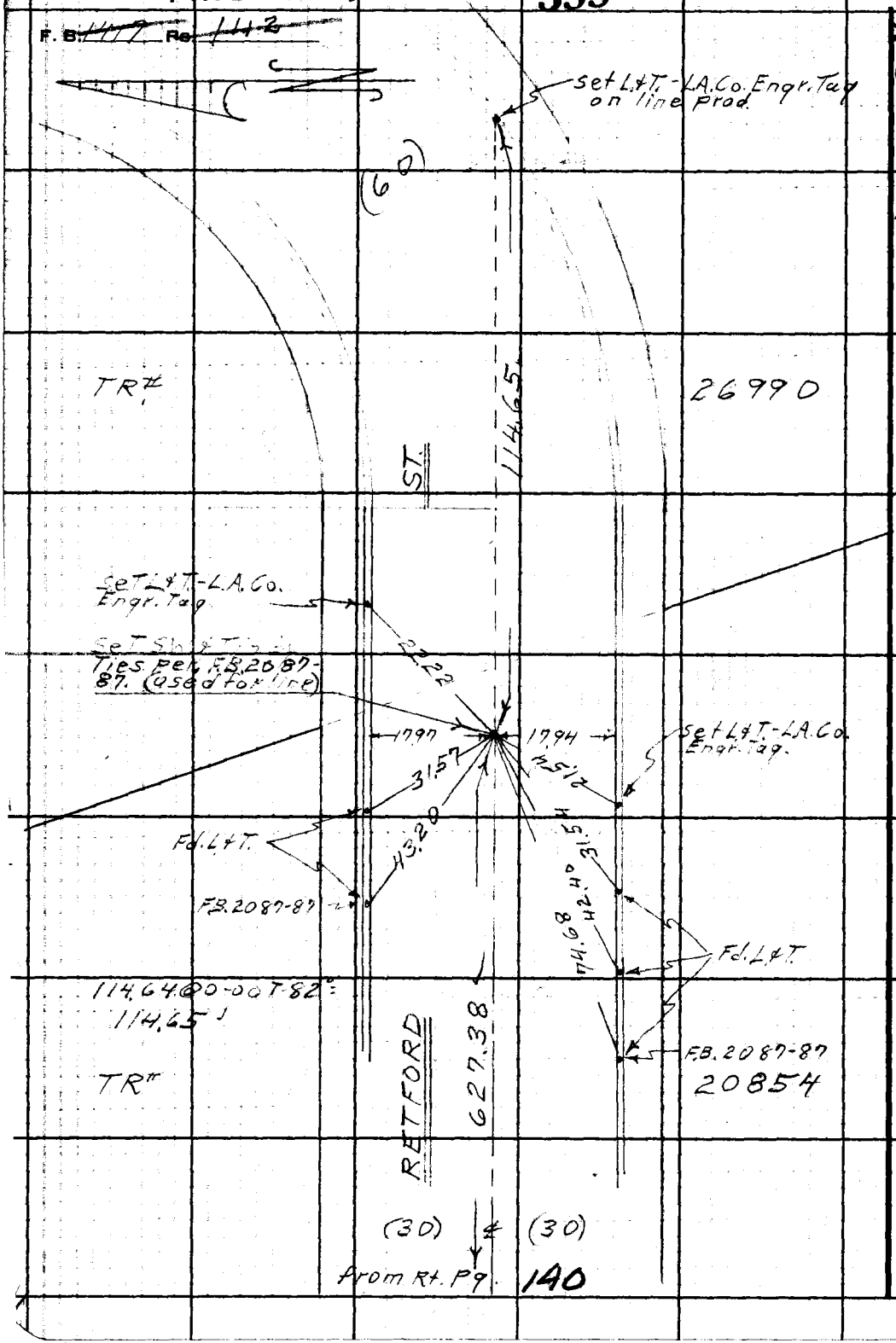
76F309S CE #310 6-62

PWFB 1433

599

F. B. ~~1417~~ Re. ~~1412~~



WS 48 A-4

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Notes Ck'd by	Survey of Retford St SS Dist F. B. 1417 Pd. 143
Map No.	JN 227614 Tape Std °F
Office Work	Surveyed by Holmes
Checked	Notes Holmes Date 11-4-63
Date	Indexed Z. J. GALLI NOV 8 '63

C.I. 227614
RETFORD ST S.S. DIST.
LOCATION of IMPROVEMENTS
AT INTER.
RUDDOCK ST. @ BANNA AVE

Holmes
Walsh Jr.
Massey
Moya

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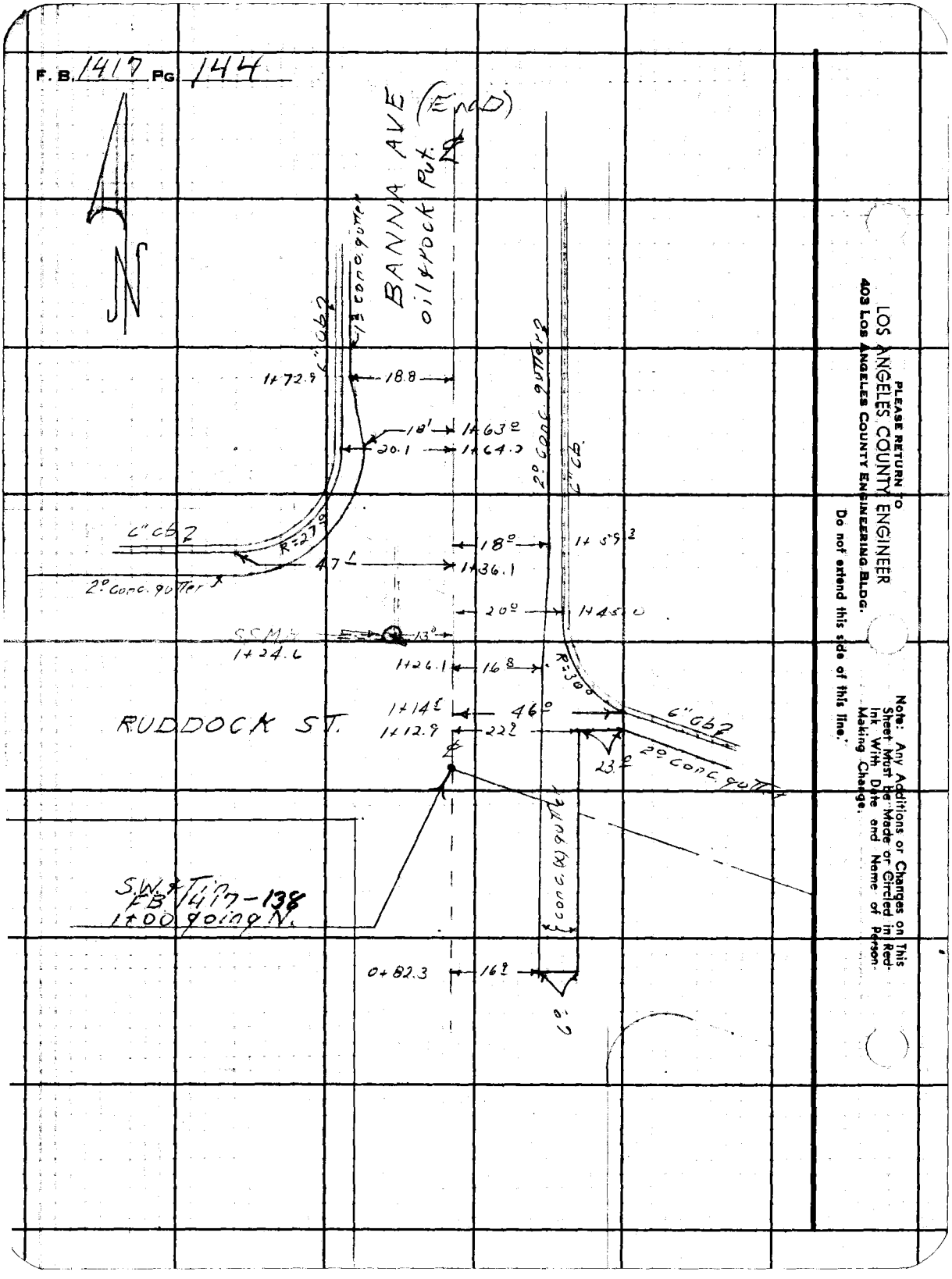
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F30PS C.E. #310 8-62

F. B. 1417 PG. 144



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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.

Notes Ck'd by	Survey of RETFORD ST
Map No.	JN 2276.14 Tape Std °F
Office Work	Surveyed by HOLMES
Checked	Notes WALSH Date 11-4-63
Date	Indexed E. J. GATTI NOV 8 '63

F.B. M17 Pg. 1-4-5

CT 2276 14

RETFORD ST S S DIST.

LOCATION of IMPROVEMENTS

ON

EDGECOMB ST

from

BANNA AVE To E. END. (CUL DE SAC.)

HOLMES
WALSH
MASSEY
MOYA

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403 Los Angeles County Engineering Bldg.

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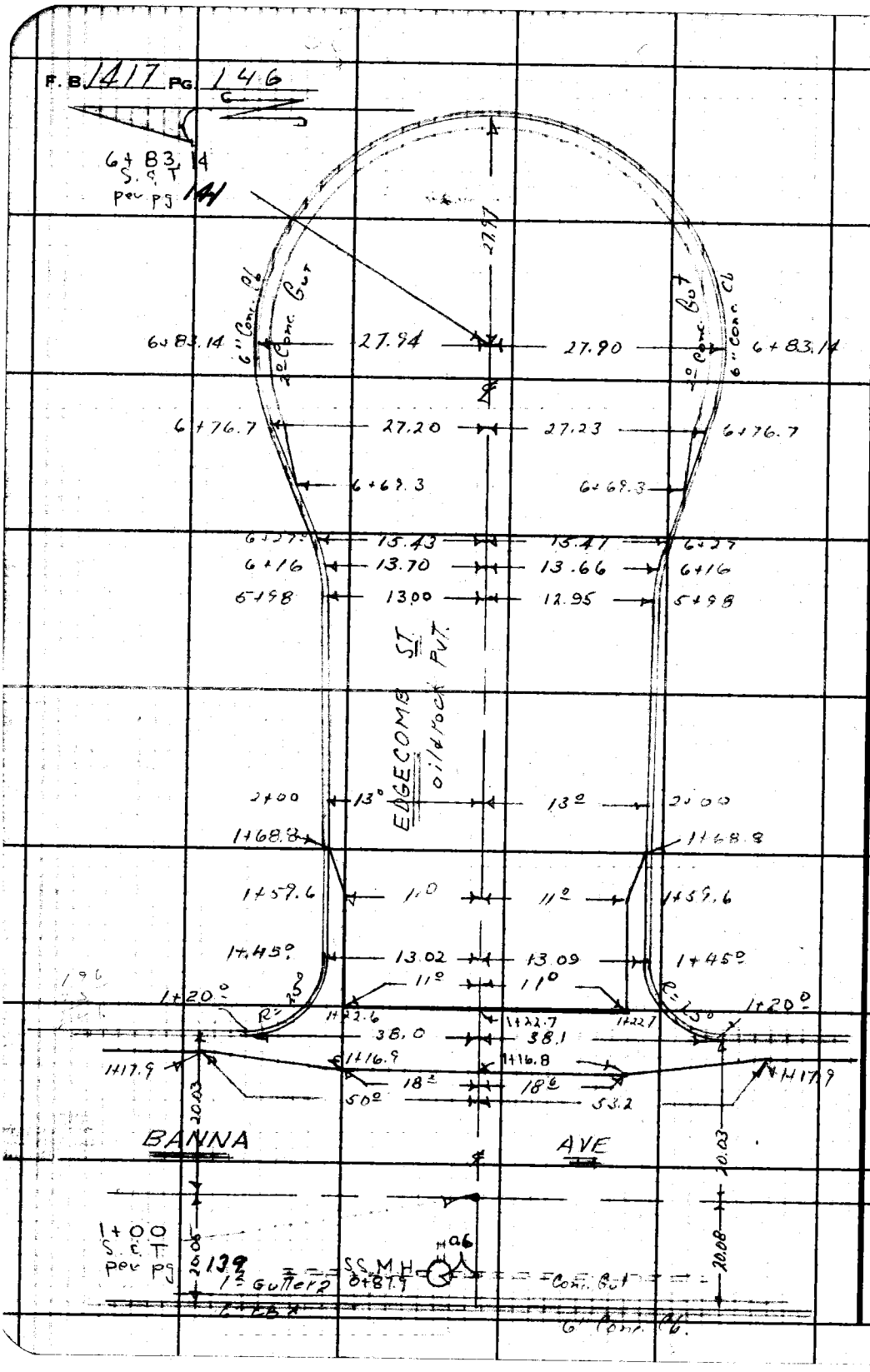
76F309S C.E. #310 6-62



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of RETFORD ST. S.S.
Map No.	JN 2276.14 Tape Std °F
Office Work	Surveyed by HOLMES
Checked	Notes WALSH Date 11-4-62
Date	Indexed C. J. GALLI JUN 5 '63

F. B. 1417 Pg. 149

C.I. 2276.14

RETFORD ST S.S. DIST.

LOCATION of IMPROVEMENTS

ON

RETFORD ST.

from

BANNA AVE E. To E. LINE TR# 20854

HOLMES
WALSH
MASSEY
MOYA

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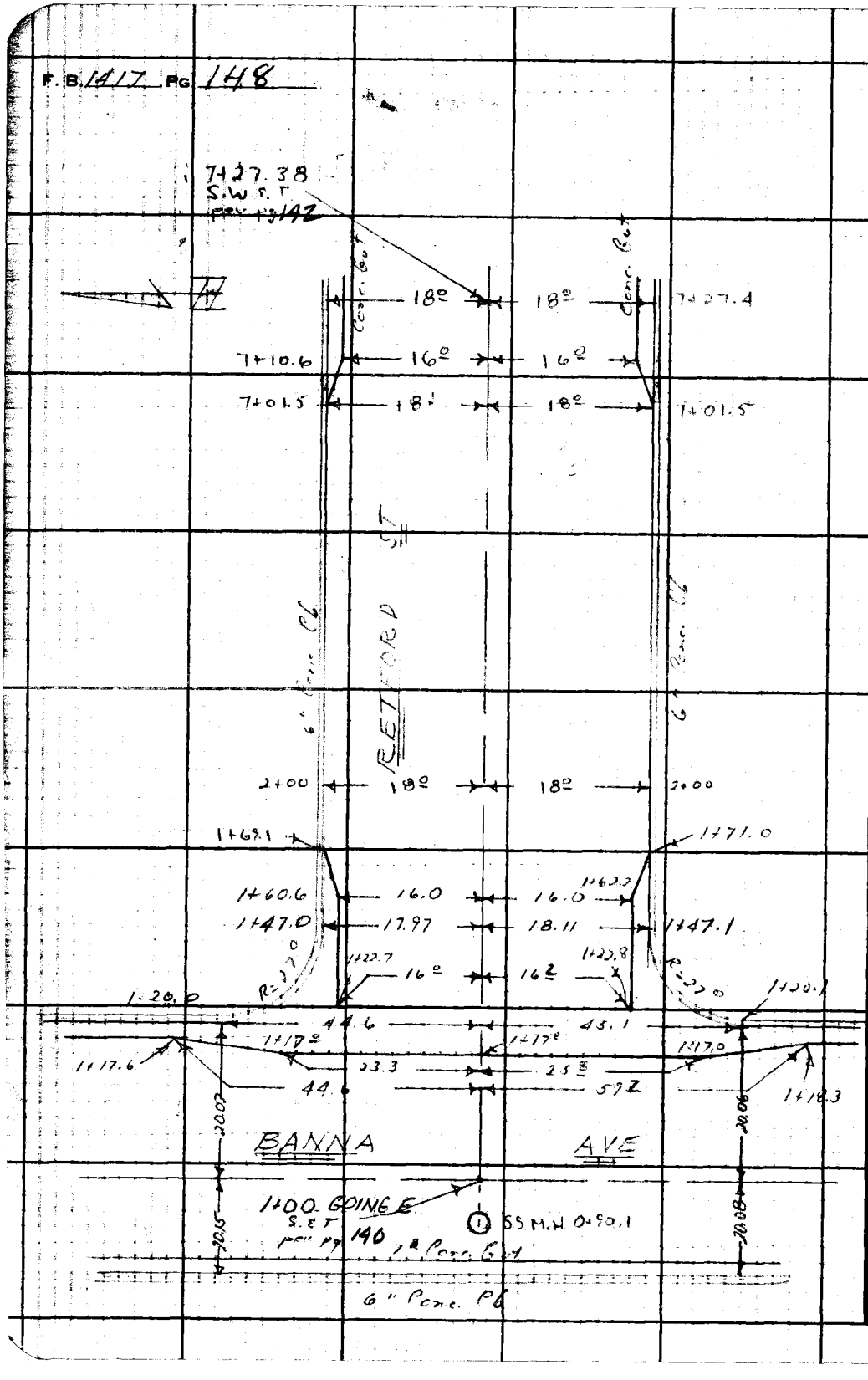
76F309S C.E. #310 6-62

F.B. 1417 PG 148



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403 Los Angeles County Engineering Bldg.
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Profile No.	Notes Red	Plotted	Job No. CI 2276.14	Division No. 11	F.B. 1417	Pg. 149
	Date	Date	Survey of RETFORD ST S.S. DIST			
X-Sec. No.	Notes Chkd.	Checked	Survey by Holmes	Notes WALSH	Date 11-5-63	
	Date	Date	Map No.	Indexed	Date	

C.I. 2276.14
RETFORD ST S.S.

INVERTS ON M.H. @ INTER.
RUDDOCK ST & BANNA AVE

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

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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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt	℄	Rt.
BM HV 177				663 78	BM HV177 - Elev 663.782 - FB 1417-131		
					BANNA AVE & RUDDOCK ST. - N.E COR		
					Bt. Spk in cb. - 8° N. of N.C.R.		
1+24.6					13° M.H		
N. Rim				663 09	INLET N.		
INLET N	(INVERT)			655 04	7.38 meas		
					.67 dia.		
E. Rim				663 08	8.05		
INLET E	(INVERT)			654 92	INLET E		
					7.49 meas		
W. Rim				663 05	.67 dia		
					8.16		
OUTLET W	(INVERT)			654 82	OUTLET W.		
					7.56 meas		
					.67 dia		
					8.23		
BM HV 177				663 78	See above		

F.B. 1417 Pg. 150 Job No. 2276.14 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of RETFORD ST S.S. Date ____ Date ____ No. ____
Survey by Holmes Notes WALSH Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed [redacted] J. GAR[redacted] Date ____ Date ____ No. ____

Profile No.	Notes Red	Plotted	Job No. CI 2276.4	Division No. 11	F.B. 1417	Pg. 157
	Date	Date	Survey of RETFORD ST S.S.			
X-Sec. No.	Notes Chkd.	Checked	Survey by Holmes	Notes WALSH	Date 11-5-63	
	Date	Date	Map No.	Indexed J. GALL	Date NOV 8 '63	

C.I. 2276.4
RETFORD ST. S.S. DIST.

CROSS-SECTIONS ON EDGECOMB ST.
FROM BANNA AVE ELY to end.

Holmes
WALSH
MASSEY
MOYA

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

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76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
BM HV 176				66[illegible] 39	BM HV 176 - Elev 669.390 - FB 1417-131		
					Banna Ave & Edgecomb St. - S.E. Cor.		
					Bt. Spk. in cb - 5° E. of E.C.R		
0+87.9					M.H 0.6		841
N. Rim				669 25	Inlet N 7.74 meas .67 dia 841		
INLET N	(INVERT)			660 84			
E Rim				669 23	Inlet E 7.67 meas .67 dia 8.34		
INLET E	(INVERT)			660 89			
S. Rim				669 13	Outlet W 7.83 meas .67 dia 8.50		
OUTLET W.	(INVERT)			660 65			
1+00				66[illegible] 44		℄	
				667 98			38° Pvmt
				670 94	38° Pvmt		
1+16.8				668 97		℄	edge x gut
				668 22			18[illegible] edge "
				669 13	18[illegible] edge gut		
1+17.9				667 17			53.2 edge gut
				671 18	50° edge gut		

F.B. 1417 Pg. 152 Job No. 2276.14 CI Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Retford St. S.S. Date ____ Date ____ No. ____
Survey by Holmes Notes Walsh Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed R. J. GAIN Date ____ Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
1+20.0				66886		℄	F.L. X gut
				66735			38.1 bot cb
				66804			" Tp
				66940	13° F.L. INTER		
				67048	38° Bot cb		
				67113	" Tp "		
1+22.7				66898		℄	edge X gut
				66856			11° edge gut
				66944	11° edge gut		
1+45				66954		℄	
				66888			11° edge gut
				66869			13° bot cb
				66901			13° Tp "
				66971	5° brk pvmt		
				66971	11° edge gut		
				66955	13° bot		
				67008	13° Tp		
1+59.6				66991		℄	
				66934			11° edge gut
				66989	11° edge gut		

Profile Notes Red ____ Plotted ____ Job No. 2276-14 Division No. 11 F.B. 1417 Pg. 153
No. ____ Date ____ Date ____ Survey of Ret Ford St. S.S.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Holmes Notes Walsh Date 11-5-63
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
1+68.8				669.40			13° bot cb
				669.88	13° bot cb		
2+00				670.61		℄	
				669.94			13° bot cb
				670.44			13° Tp "
				670.1			26° Tp brk
				668.9			36° bot "
				670.75	5° brk punt		
				670.13	13° bot cb		
				670.87	13° Tp "		
2+50				671.49		℄	
				671.77			13° bot cb
				672.30			13° Tp "
				671.64	5° punt		
				671.07	13° bot cb		
				671.77	13° Tp "		
3+00				672.30		℄	
				671.37			13° bot cb
				672.04			13° Tp "
				672.40	5° punt		
				672.13	13° bot cb		
				672.60	13° Tp "		

F. B. 1417 Pg. 154 Job No. 2276.14 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Retford St SS Date ____ Date ____ No. ____
Survey by Holmes Notes Walsh Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed R. J. GALL Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
3+50				673 13		℄	
				672 45			13° bot cb
				672 92			13° Tp "
				673 29	5° brk punt		
				672 97	13° bot cb		
				673.47	13° Tp "		
4+00				674 06		℄	
				673 31			13° bot cb
				673 79			13° Tp "
				674 18	5° brk punt		
				673 85	13° bot cb		
				674 35	13° Tp "		
4+50				674 84		℄	
				674 10			13° bot cb
				674 63			13° Tp "
				674 96	5° brk punt		
				674 62	13° bot cb		
				675 12	13° Tp "		

Profile No. ____ Notes Red ____ Plotted ____ Job No. CJ 2276.14 Division No. 11 F. B. 1417 Pg. 155
X-Sec. No. ____ Date ____ Date ____ Survey of Retford St S.S.
Notes Chkd. ____ Checked ____ Survey by Holmes Notes Walsh Date 11-5-63
Date ____ Date ____ Map No. ____ Indexed R. J. GAUD Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
5+00				675 71		℄	
				675 00			13° bot cb
				675 48			13° Tp "
				675 81	5° pvmt		
				675 53	13° bot cb		
				675 99	13° Tp "		
5+50				676 58		℄	
				675 84			13° bot cb
				676 34			13° Tp "
				676 66	5° brk pvmt		
				676 32	13° bot cb		
				676 82	13° Tp "		
5+98				677 35		℄	
				676 57			13° bot cb
				677 2			13° Tp "
				677 15	5° brk pvmt		
				677 19	13° bot cb		
				677 66	13° Tp "		
6+00				677 39			

F.B. 1417 PG. 156 CI Job No. 2276.14 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Retford St S.S. Date ____ Date ____ No. ____
Survey by Holmes Notes Wa-54 Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed [redacted] J. GAUT Date ____ Date ____ Date ____ No. ____

Profile No.	Notes Red	Plotted	Job No. CJ 2276.14	Division No. 11	F.B. 1417	Pg. 159
	Date	Date	Survey of Retford St. S.S.			
X-Sec. No.	Notes Chkd.	Checked	Survey by Holmes	Notes Walsh	Date 11-5-63	
	Date	Date	Map No.	Indexed	Date	

CJ 2276.14

RETFORD ST. S.S. DASH

CROSS-SECTIONS ON RETFORD ST

FROM BANNA AVE ELY TO E. LINE

TR# 20854

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

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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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
BMHV 173				682 61	BM HV 173 - Elev 682.609 - FB 1417 -		
					RETFORD ST & BANNA AVE - N.E. COR		
					Bt. Spk in cb - 10° E. of E.C.R.		
0+90.1		MH				℄	
N. Rim				681 36	INLET N 12.82 meas .67 dia 13.49		
INLET N				667 87			
E. Rim				681 31	INLET E 12.80 meas .67 dia 13.47		
INLET E				667 84			
S. Rim				681 05	OUTLET S 12.92 meas .67 dia 13.59		
OUTLET S.				667 66			
1+00				681 54		℄	INTER
				678 09			45° punt
				684 11	45° punt		
1+17°				680 82		℄	edge gut
				679 49			25.8 " "
				682 01	23.3 edge gut		
1+17.6				683 80	44.6 edge gut		
1+18.3				677 89			59.7 edge gut
1+20.1				680 75		℄	F.L. x gut

F.B. 1417 Pg. 160 Job No. 2276.14 CI Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of RETFORD ST S.S. Date ____ Date ____ No. ____
Survey by Holmes Notes WALSH Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed R. J. GAIN Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	RT	℄	Lt
1+20.1				678 49			45.1 bot/cb
				679 12			45.1 Tp "
				681 60	18° F.L. gut		
				683 06	44.6 bot cb		
				683 71	44.6 Tp "		
1+22.8				680 02		℄	edge gut
				680 80			16.0 edge gut
				681 56	16.0 edge gut		
1+ 47				681 50		℄	
				680 51			16.1 edge gut
				680 36			18.1 bot cb
				680 98			18.1 Tp cb
				682 01	10.0 bnk pvmt		
				682 00	16.0 edge gut		
				681 82	18.0 bot cb		
				682 52	18.0 Tp cb		
				682 08	10.0 bnk pvmt		
1+60.6				682 14	16.0 edge gut		
1+62.2				680 89			16.0 edge gut
1+69.1				682 00	18.0 bot cb		
1+71.0				680 89			18.0 bot cb

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2276.14 Division No. 11 F.B. 1417 Pg. 161
X-Sec. No. ____ Date ____ Date ____ Survey of Retford St S.S
Notes Chkd. ____ Checked ____ Survey by Holmes Notes Walsh Date 11-5-63
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt	℄	Rt
2+00				682 10		℄	
				681 20			18° bot cb
				681 28			18° Tp "
				682 29	10° bot pvmt		
				682 20	18° bot cb		
				682 16	18° Tp "		
2+50				682 42		℄	
				681 33			18° Bot cb
				682 11			" Tp "
				682 41	18° bot cb		
				682 37	" Tp "		
3+00				682 68		℄	[illegible]
				681 36			18° bot cb
				682 47			18° Tp "
				682 67	18° bot cb		
				682 21	18° Tp "		
3+50				682 97		℄	
				682 19			18° bot cb
				682 19			18° Tp "
				682 [illegible]	18° bot cb		
				683 60	18° Tp "		

F.B. 1417 Pg. 162 Job No. 2276.14 Division No. 11 Notes Red ___ Plotted ___ Profile ___
Survey of Retford St S.S. Date ___ Date ___ No. ___
Survey by Holmes Notes Walsh Notes Chkd. ___ Checked ___ X-Sec. ___
Indexed [illegible] J. CAIN Date ___ Date ___ No. ___

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
4+00				683 38		℄	
				682 52			18° bot cb
				683 18			18° Tp "
				683 31	18° bot cb		
				683 93	18° Tp "		
4+50				683 68		℄	
				682 85			18° bot cb
				683 48			18° Tp "
				683 68	18° bot cb		
				684 27	18° Tp "		
5+00				684 04		℄	
				683 20			18° bot cb
				683 83			18° Tp "
				684 05	18° bot cb		
				684 63	18° Tp "		[illegible]
5+50				684 37		℄	
				683 56			18° bot cb
				684 18			18° Tp "
				684 43	18° bot cb		
				684 98	18° Tp "		

Profile Notes Red ____ Plotted ____ Job No. 22 76 14 Division No. 11 F. B. 1417 Pg. 163
No. ____ Date ____ Date ____ Survey of Rev Ford St SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by Holmes Notes [illegible] Date 11-7-63
No. ____ Date ____ Date ____ Map No. ____ Indexed R. J. GALL Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LT	℄	RT
6+00				684.62		℄	
				683.10			18° bot cb
				684.[illegible]3			18° Tp "
				684.[illegible]7	18° bot cb		
				685.[illegible]7	18° Tp "		
6+50				685.01		℄	
				684.[illegible]1			18° bot cb
				684.86			18° Tp "
				685.04	18° bot cb		
				685.62	18° Tp "		
7+01.5				685.43		℄	
				684.58			18° bot cb endgut
				685.21			18° Tp "
				685.[illegible]7	18° bot cb endgut		
				685.[illegible]7	18° Tp "		
7+10.6				684.83			16° edge gut
				685.[illegible]5	16° edge gut		

F. B. 1417 Pg. 164 Job No. 2276.14 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Retford St. S.S. Date ____ Date ____ No. ____
Survey by Holmes Notes Walsh Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed R. J. GAIN Date ____ Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
7+07.38				685 63		℄	
				684 95			16° edge gut
				684 90			18° bot cb
				685 60			18° Tp
				685 56	16° edge gut		
				685 61	18° bot cb		
				686 19	18° Tp "		
BM HV 174				685 59	BM HV 174 - Elev 685.590 - FB 1417 - Retford St. S side - 627'± E. of inter of Banna Ave & Retford St. - Bt. Spk in cb in front of Ho# 20256		
			Additional		Cross-Section on Edgecomb Ave		
BM				669 39	BM HV 176 - Elev 669.39 - FB 1417 - 131		
1+44.5				669 53		℄	
				667 0			119° back Lot Line
2+30.3				671 17		℄	
				670 9			77° grd
				670 6			119° back Lo
4+30.6				674 57		℄	
				673 7			73° grd
				673 2			119° back Lot Line

Profile Notes Red ____ Plotted ____ Job No. 02 22.16.16 Division No. 11 F.B. 1417 Pg. 165
No. ____ Date ____ Date ____ Survey of Retford St. SS.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Holmes Notes Walsh Date 11-7-63
No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt	℄	Rt
5+40				676 42		℄	
				675 5			77° grd
				674 6			119° back Lot Line
6+34				678 11		℄	
				677 0			86° grd back hse
				676 4			88° grd " "
				676 2			119° back Lot Line
Additional Cross-Section on Retford St							
BM HV173				682 61	BMHV173-Elev 682.609		-FB 1417-160
1+49				681 56		℄	
				677 7			111.2 grd
				675 2			134 back Lot Line
2+38				682 33		℄	
				679 5			91° grd
				677 1			134 back Lot Line
3+42				682 74		℄	
				680 5			95° grd
				678 0			134 back Lot Line
4+50				683 68		℄	
				681 7			86° grd
				680 3			back lot Line

F.B. 1417 Pg. 166 Job No. CE 2276 14 Division No. 11 Notes Red ___ Plotted ___ Profile ___
Survey of Retford St S.S. Date ___ Date ___ No. ___
Survey by Holmes Notes Walsh Notes Chkd. ___ Checked ___ X-Sec. ___
Indexed ___ Date 1-7-64 Date ___ Date ___ No. ___

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
5450				684 37		℄	
				682 6			100⁵ grd
				681 5			134 back Lot Line
6457				685 09		℄	
				683 7			100⁵ grd.
				682 2			134⁰ back Lot line

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. CE 2276.14 Division No. 11 Survey of Rey Ford Sr. S.S. Survey by Holmes Notes Walsh Date 1-7-64 Map No. Indexed Date

F.B. 1417 Pg. 167

F. B. Pg.

Job No. Division No. Notes Red Plotted

Survey of Date Date

Survey by Notes Notes Chkd. Checked

Indexed Date Date Date

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

G-L298 C

Notes

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