75F3095 CE #247—3-57

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INDEX F. B. 2564

DATE	J. N.	DESCRIPTION	NOTES	PAGES
6		J. N. 6254.00 STORM DRAIN PROJECT #540 SOUTH TORRANCE		
		Continued from F. B. 2525		
5-60	6254.00	Cross Sections on Line B.	X-SECS.	5-63
"	"	Cross Sections on Line A.	~~X-SECS.~~	71-82
"	"	Pennsylvania Ave from 248th St. South to 250th St.	X-SECS.	93-116
"	"	Cross-Sections on Pennsylvania Ave, 250th St. on Atkinson Ave to P. C. H.	X-SECS.	127-177
3-62	6432.00	Sanitation Investigation		
"	"	256th St. & "P" Line Sta. 1+85.7 & 41 + 39.39	S.M.H.	179-180
8-62	6254.00	Horizontl Location of 3 M. H. on Pacific Coast Hwy near Hillworth Ave	X-SECS.	185-186

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

Survey of
JN Tape Std
Surveyed by
Notes Date
Indexed

F. B. PG.

Incorporated Nov. 85

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F B Pg

Profile	Notes Red	Plotted	Job No.	Division No.	F. S.	Pg.
No.	Date	Date	Survey of			
X-Sec.	Notes Chkd.	Checked	Survey by	Notes	Date	
No.	Date	Date	Map No.	Indexed	Date	

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

76L-298 S & E #307—1-56

F. B. Pg.

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.

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76L-298 S & E #307—1-56

Profile No.	Notes Red.	Plotted	Job No. 6254.00	Division No. 10	F. B. 2564 Pg. 5
	Date	Date	Survey of S. TORRANCE S.D.		
X-Sec. No.	Notes Chkd.	Checked	Survey by LINO	Notes LINO	Date 5-11-60
	Date	Date	Map No.	Index C. Jones	Date 5-16-60

CONT. FROM F.B. 2525-258

J.N. 6254.00

SOUTH TORRANCE

STORM DRAIN

PROJECT # 540

"X" SECTIONS

ALONG

LINE "B"

MAY 1960

LINO

WILKS

ELLER

TUXFORD

MASUDA

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

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76L-298 S & E #307—1-56

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F. B. 2564 Pg. 6 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile No.
Survey of S. TORRANCE 30 Date Date X-Sec. No.
Survey by LINN Notes LINN Notes Chkd. Checked
Indexed K. C. Johnson Date Date Date No.

(10)-6 STATION	B. S.	H. I.	F. S.	ELEV.	S. ON CATSKILL AVE	
2+19.0				33 31		℄
				32 95		9° R. W14
				32 84		16° " EG
				32 69		18° " FL
				33 32		18° " TC
				33 62		30° " PL
				33 05	9° L. W14	
				32 59	16° " EG	
				32 39	18° " FL	
		Lenker Rd		33 04	18° " TC	
				33 6	30° " PL	
2+59.0				33 20		℄
				33 15		9° R. W14
				32 76		16° " EG
				32 71		18° " FL
				33 35		18° " TC
				33 63		30° " PL
				33 04	9° L. W14	
				32 62	16° " EG	
				32 49	18° " FL	
				~~33 11~~	~~18° " TC~~	
				33 6	30° " PL	

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STATION	B. S.	H. I.	F. S.	ELEV.	S. ON CATSKILL AVE	
3+59°				33 29		℄
				33 23		9° R. W/A
				32 99		16° " EG
				32 82		18° " FL
				33 45		18° " TC
				33 77		30° " B.W. PL
				33 19	9° L. W/A	
		Lenker Rod		32 76	16° " EG	
				32 56	18° " FL	
				33 20	18° " TC	
				33 6	30° " PL	
601					WEST ON 223RD STREET	
81+01				33 95		℄
				33 65		20° R. W/A
				33 37		38° " EG
				33 18		40° " FL
				33 81		40° " TC
				34 3		50° "
				33 52	20° L W/A	
				33 09	38° " EG	
				32 98	40° " FL	

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 7
No. Date Date Survey of So. Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by Lind Notes Lind Date 5-11-60
No. Date Date Map No. Indexed C. Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 223 RD STREET	
60 81+01°				33 60	40° L. TC	
				33 97	49.5 " BW	
40 81+41°				34 02		℄
				33 71		20° R. W/4
				33 41		38° " EG
				33 25		40° " FL
				33 87		40° " TC
				34 3		50° "
				33 65	26° L. W/4	
				33 20	38° " EG	
		Lenker Rod		33 04	40° " FL	
				33 70	40° " TC	
				34 01	49.5 " BW	
82+05°				34 11		℄
				33 79		20° R W/4
				33 47		38° " EG
				33 30		40° " FL
				33 44		40° " TC
				34 28		50° " B.W.

F. B. 2564 Pg. 8 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So. Torrance SD Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 223	RD STREET
82+05°				33 69	20° L. W 14	
				33 26	38° " EG	
				33 11	40° " FL	
				33 76	40° " TC	
				34 00	49.5 " BW	
82+26°		Lenker Rod		33 32	FL. CATCH BASIN	40° Rt.
82 ± 45°				34 16		℄
				34 10		20° R. W 14
				33 91		38° " EG
				33 75		40° " FL
				34 45		40° " TC
				34 69		50° " B.W.
				33 88	20° L. W 14	
				33 39	38° " EG	
				33 21	40° " FL	
				33 86	40° " TC	
				34 05	49.5 " BW	

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 9
No. Date Date Survey of So. Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by Lind Notes Lind Date 5-11-60
No. Date Date Map No. Indexed C. Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.	NORTH ON DOLORES AVE
83+20.29				34 32	THE ℄ INT. OF 223RD ST. AND
					DOLORES AVE = 83+20.29 WEST
					AND 1+00 NORTH PER PG'S 50 & 115
1+46° H.				35 03	℄
"				33 62	13' Lt. F.L. of Conc C.B.
1+78° H				34 79	(49) SMH AVER RIM 5° Rt.
				28 24	8" OUTLET NORTH
		Lenker Rod			RIM 34.79
					MEAS 5.88
					T.P. 28.91
					DIA 0.67
					INVERT 28.24

F. B. 2564 Pg. 10 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So. Torrance SD Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	N. ON DOLORES AVE	
10 1+85° N.				34 76		℄
				34 64		15° R. W/L
				34 15		28° " EG
				34 02		30° " FL
				34 65		30° " TC
				34 91		40° " B.W. PL
		Lenker Rod		34 60	10° L. E.P.	
				34 0	13° " FL	
				34 2	15° " BRK	
				34 5	25° " PL	
2+25° N.				34 56		℄
				34 37		15° R. W/L
				33 94		28° " EG
				33 79		30° " FL
				34 47		30° " TC
				34 78		40° " B.W. PL
				34 36	10° L. E.P.	
				33 5	13° " FL	
				34 1	23° " PL	

Profile Notes Red ____ Plotted ____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 11
No. ____ Date ____ Date ____ Survey of So. Torrance SD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-11-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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F. B. 2564 Pg. 12 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile No.
Survey of So. Torrance SD Date Date X-Sec. No.
Survey by Lirg Notes Lirg Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	N. on Dolores Ave	
3+25° Lt.				34 08		℄
				34 07		15° R. W/A
				33 77		28° " EG
				33 25		30° " FL
				34 36		30° " TC
				34 46		39.5 " BW
				33 95	10° L. E.P.	
				33 4	13° " F.L	
				33 8	25° "	
					S. on Dolores Ave	
1+26° S		Lenker Rod		33 57	BRK FL.	℄
1+56°				35 35	BRK	℄
1+85° (or)				35 11		℄
				34 86		7.5 R. E.P.
				34 5		12° " FL
				35 1		40° " TC
				34 67	15° L. W/A	
				33 61	28° " EG	
				33 43	30° " FL	
				34 08	30° " TC	
				34 29	39.5 " BW	

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STATION	B. S.	H. I.	F. S.	ELEV.	S. on DOLORES AVE
2+25° S.				3513	℄
				3477	7½ R. EP.
				346	12° " FL
				352	40° " DL
				3474	15° L. W/4
				3359	28° " EG
				3339	30° " FL
		Lenker Rod		3409	30° " TC
				3431	39½ " BW
3+25° S.				3545	℄
				3521	7½ R. EP
				350	12° " FL
				354	40° " DL
				3499	15° L. W/4
				3374	28° " EG
				3353	30° " FL
				3425	30° " TC
				3443	39½ " BW

Profile Notes Red. _____ Plotted _____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 13
No. _____ Date _____ Date _____ Survey of So. Torrance SD
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No. _____ Date _____ Date _____ Map No. _____ Indexed C. C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.	S on Dolores	
4+50°				35 94	SMH 50 Aver Rim	24° Rt
				25 82	8" Inlet South	
				25 77	8" Outlet North	
					Rim 35.94	35.94
					Meas 9.45	9.50
					T.P. 26.49	26.44
					Dia 0.67	0.67
					Invert 25.82	25.77
					West on 223 RD Street	
83+41°		Lenker Rod		34 39	SMH 51 Aver Rim ℄	
				23 15	8" Inlet South	
				22 90	8" Outlet West	
					Rim 34.39	34.39
					Meas 10.57	10.82
					T.P. 23.82	23.57
					Dia 0.67	0.67
					Invert 23.15	22.90

F. B. 2564 Pg. 14 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
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STATION	B. S.	H. I.	F. S.	ELEV.	W. 9H 223 RD ST.	
40 83+60°				34 45		℄
				34 12		9.5 R. E.P.
				33 8		15° " FL
				35 4		50° "
				33 86	12.5 L. E.P.	
		Lenker Rod		33 6	20° " FL	
				34 8	23° " BRIL	
				35 0	50° "	
40 84+00				34 50		℄
				34 15		9.5 R E.P.
				33 8		15° " FL.
				35 2		50° "
				34 07	12° L. EP	
				33 6	20° " FL	
				34 6	23° " BRIL	
				35 2	50° "	
85+00				34 62		℄
				34 27		9.5 R. E.P.
				34 0		15° " FL
				34 2		50° "
				34 34	12° L. EP	

Profile Notes Red. ____ Plotted ____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 15
No. ____ Date ____ Date ____ Survey of So Torrance SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-11-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 223	RD ST.
85+00				33 9	20° L. FL	
				34 8	23° " BRK	
				34 7	50° " PL	
86+00				34 77	℄	
				34 28		9.5 R. EP
				34 3		15° " FL
				34 7		50° "
				34 41	12.5 L. EP.	
				33 9	20° " FL	
				35 0	23° " BRK	
				35 0	50° "	
86+47.5		Lenker Rod		34 72	SMH 52 AVER RIM ℄	
				22 22	8" INLET EAST	
					8" OUTLET WEST	
					RIM 34.72	34.72
					MEAS 11.83	11.99
					T.P. 22.89	22.73
					DIA 0.67	0.67
					INVERT 22.22	22.06

F. B. 2564 Pg. 16 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So. Torrance SD Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked No.
Index C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	W. on 223 RD	STREET
87+00				34 75		℄
				34 38		9.5 R. E.P.
				34 0		15° " FL
				34 7		50° "
				34 54	12.5 L. E.P.	
		Lenker Rod		34 0	20° " FL	
				35 4	23° " BRK	
				35 4	50° "	
				34 99		℄
88+00				34 59		9.5 R. E.P.
				34 3		15° " FL
				34 9		50° "
				34 61	12.5 L. E.P.	
				34 1	20° " FL	
				35 7	23° " BRK	
				35 3	50° "	
89+00				35 08		℄
				34 69		9.5 R. E.P.
				34 2		15° " FL
				34 7		50° "
				34 69	12.5 L. E.P.	
				34 0	20° " FL	

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 17
No. Date Date Survey of So. Torrance SD.
X-Sec. Notes Chkd. Checked Survey by Lind Notes Lind Date 5-11-60
No. Date Date Map No. Indexed C. Johnson Date

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35.30

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STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 223 RD St.	
89+00				35 2	23° L. BRK	
				34 0	50° "	
89+98.5	E	Rim 35.21		35 21	SMH AVERRIM ℄	
	W	Rim 35.21		~~35 20~~		
BM SD 2217 Elev. 33.832				21 37	8" INLET EAST	
F.B. 2525-26				~~23 34~~		
F.E. Brooks 3 May 1962				21 34	8" OUTLET WEST	
				~~23 32~~		
					RIM 35.21 / 35.20	35.21 / 35.20
					MEAS 13.17 / 11.19	13.20 / 11.21
					T.P. 22.04 / 24.01	22.01 / 23.99
					DIA .67 / 0.67	.67 / 0.67
					INVERT 21.37 / 23.34	21.34 / 23.32
		Lenker Rod				
90+00				35 20	℄	
				34 89		11° R. E.P.
				34 4		15° " FL
				35 2		50° "
				34 93	10³ L. EP	
				34 2	20° " FL	
				34 9	23° " BRK	
				34 5	50° "	

F. B. 2564 PG. 18 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So. Torrance SD Date Date No. X-Sec.
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Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 223 RD	STREET
91+00				35 32		℄
				34 98		11° R. EP
				34 6		15° " FL
				35 1		50° "
				34 95	10° L. EP.	
				34 2	20° " FL	
				34 9	23° " BRK	
		Lenker Rod		35 1	50° "	
92+ 00				35 48		SEMI TAN
				34 94		11° R. E.P.
				34 9		15° " FL
				35 3		50° "
				35 21	10° L. EP	
				34 4	20° " FL	
				35 4	23° " BRK	
				35 7	50° "	
93+00				35 40		℄
				34 94		20° R. EP.
				34 9		21° R. FL
				35 7		50° R.
				35 56	24° L. EP	

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 19
No. Date Date Survey of So. Torrance SD
X-Sec. Notes Chkd. Checked Survey by Lind Notes Lind Date 5-11-60
No. Date Date Map No. Indexed C. Johnson Date

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F. B. 2564 Pg. 20 | Job No. 6254.00 | Division No. 10 | Notes Red. | Plotted | Profile
Survey of So. Terrace C.S.D. | Date | Date | No.
Survey by Lind | Notes Lind | Notes Chkd. | Checked | X-Sec.
Index A. C. Johnson | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	W. OF 223 RD	STREET
93+00				34 5	33° L. FL	
				36 0	38° L. BRK	
				36 4	56° L.	
93+47°				35 88	20 3/54 L. S.M.H. OVER RIM	
				21 78	TRAP INLET EAST (TOP OF PIPE)	
				20 51	8" OUTLET WEST	
					RIM 35.88	RIM 35.88
					MEAS 14.70	MEAS 14.10
					T.P. 21.18	TOP OF PIPE ONLY 21.78
					DIA 0.67	
					INVERT 20.51	
93+50°		LENKER ROD		35 40		℄
				35 02		20 5/8 R. EP
				35 0		21° " FL
				35 9		50° "
				35 40	32° L. EP	
				34 6	41 " FL.	
				36 8	49° " BRK	
				36 8	50° "	

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 223 RD	STREET	
93+80°				35 36		℄	
				35 02		20° R	EP
				35 0		21° "	FL
				35 5		50 "	
93+99.5				35 72	28.3 Lt. SMH.	AVER	RIM
		Lenker Rod		19 07	8" INLET EAST		
				19 46	12" INLET SOUTH		
				19 06	12" OUTLET NORTH		
					RIM 35.72	35.72	35.72
					MEAS 15.65	15.59	15.66
					T.P. 20.07	20.13	20.06
					DIA 1.00	0.67	1.00
					INVERT 19.07	19.46	19.06

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F.B. 2564 Pg. 21
No. Date Date Survey of Sotorrance SD.
X-Sec. Notes Chkd. Checked Survey by Lind Notes Lind Date 5-11-60
No. Date Date Map No. Indexed C. Johnson Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 223 RD ST.
94+23 E				36 15	SMH. AVER. RIM 48° Rt.
T.P. 94+48.18		Lenker Rod		36 16	E. EDGE CONC. PV. ℄ THE ℄ INT. OF 223RD STREET & MAIN ST = 94+48 18 FROM EAST & TO SOUTH & 1+00 N. & W. PER PGS. 52, 119, 120.

F. B. 2564 Pg. 22 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So. Torrance SD Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked No.
Index C. Johnson Date Date Date

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	NORTH ON	MAIN STREET
1+40° N				35 72	℄	
				35 65		10° R. E. CONC PV
				35 49		20° " " " "
				35 16		24° " FL. & EP
				36 2		50° "
1+90° N		Lenker Rod		35 70	℄	
				35 64		10° R E. CONC PV.
				35 52		20° " " " "
				35 24		24° " FL. & EP.
				35 9		50° "
2+14° N				35 72	℄	
				35 64		10° R. E. CONC. PV.
				35 49		20° " " " "
				35 25		24° " FL. & EP.
				35 8		50° "
				35 68	10° L E. CONC. PV	
				35 56	20° " " " "	
				35 14	40° " EC	
				35 07	42° " FL	
				35 68	42° " TC	
				35 87	49.5 " BW	

Profile Notes Red. ____ Plotted ____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 23
No. ____ Date ____ Date ____ Survey of So. Torrance SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-11-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
R. C. Johnson

76L-298 S & E #307—1-56

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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.

35.69

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	N. OH MAIN	
2+54° N.				35 76		℄
				35 69		10° R. E.CONC. PV.
				35 55		20° " " " "
				35 35		24° " EG & FL
				35 8		50° "
				35 69	10° L. E.CONC.PV	
				35 55	20° " " " "	
				35 28	40° " EG	
				35 14	42° " FL	
				35 79	42° " TC	
				35 69	49.5 BW	
3+54° N.		Lenker Rod		35 87		℄
				35 76		10° R E CONC. PV
				35 67		20° " " " "
				35 43		24° " EG & FL
				35 6		50° "
				35 87	10° L. E.CONC PV	
				35 71	20° " " " "	
				35 34	40° " EG	
				~~35 20~~	42° " FL	
				35 85	42° " TC	
				36 05	49.5 " BW.	

F. B. 2564 Pg. 24 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile No.
Survey of So. Torrance S.D. Date Date X-Sec. No.
Survey by Lind Notes Lind Notes Chkd. Checked
Indexed C. Jo[illegible] Date Date Date No.

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	N. ON MAIN ST		
4+60.6 N.				35 64	SMH. 5C AVER RIM	37.4 Rt.	
				18 82	12" INLET SOUTH		
					8" INLET WEST		
					12" OUTLET NORTH		
					RIM 35.64	35.64	35.64
					MEAS 15.82	15.98	16.03
					T.P. 19.82	19.66	19 61
					DIA 1.00	0.67	1.00
					INVERT 18.82	18 99	18.61
		LENNER					
					WEST ON 223RD ST.		
1+21.3		1700		35 44	EDGE CONC. PVMT. ℄		
1+44.4				35 11	EDGE "X" GUTT.	13.2 RT.	
1+47.4				34 95	F.L. "X" GUTT.	12.8 Rt.	

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 PG. 25

No. Date Date Survey of So. Torrance SD

X-Sec. Notes Chkd. Checked Survey by Lind Notes Lind Date 5-11-60

No. Date Date Map No. Indexed Date

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 223 RD STREET	
1+49.0				35 26	S.M.H. 57 AVER RIM	33.8 Rt.
				20 18	8" INLET WEST	
				20 15	8" OUTLET EAST	
					RIM 35.26	35.26
					MEAS 14.41	14.44
					T.P. 20.85	20.82
					DIA 0.67	0.67
					INVERT 20.18	20.15
1+50.4		LENKER ROD		35 11	EDGE "X" GUTT.	12.4 Rt.
½ 6.10 1+70.0				35 15		℄
				35 18	13° L. W/4	
				35 21	25° " E.P.	
				35 0	30° " FL	
				35 3	50 "	

F. B. 2564 PG. 26 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance SD Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked
Inde C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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

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STATION	B. S.	H. I.	F. S.	ELEV.	W. on 223	Rd STREET
2+14°				35 38		℄
				35 39		21° Rt. W/4
				35 36		40° " E6
				35 25		42° " FL
				35 86		42° " TU
				36 01		49° " BW
				35 30	12° L. W/4	
		Lenker Rod		35 25	25° " E6	
				35 1	30° " FL	
				35 3	50 "	
2+54°				35 45		℄
				35 54		21° R. W/4
				35 40		40° " E6
				35 31		42° " FL
				35 92		42° " TU
				36 07		49° " BW
				35 40	12° L. W/4	
				35 31	25° " E6	
				35 2	30° " FL	
				35 4	50° "	

Profile Notes Red. _____ Plotted _____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 27
No. _____ Date _____ Date _____ Survey of So. Torrance SD
X-Sec. Notes Chkd. _____ Checked _____ Survey by L.M.d Notes L.M.d Date 5-11-60
No. _____ Date _____ Date _____ Map No. _____ Indexed _____ Date _____

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
				35 68	W. on 223 ℄	120 STREET
3+34°				35 64		30° R° W 14
"				35 46	End Conc. C.G. & Gutter	38⁶ " EG
"				35 36	on N. side of street	40⁶ " FC
"				35 98		40⁶ " TC
"				36 12		" BW
"				35 64	8° L. W14	
"				35 56	15⁵ " EP	
"		Lenker Rod		35 5	16° " FL	
"				36 8	50° "	

F. S. 2564 Pg. 28 Job No. 6254.00 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of So Torrence SD Date ____ Date ____ No. ____ X-Sec. ____
Survey by LMd Notes LMd Notes Chkd ____ Checked ____ Checked ____
Indexed ____ Date ____ Date ____ Date ____ No. ____

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S. OW MAIN STREET	
95+07°				35 76		℄
				34 99	BEG C.B.	36° R. E.G.
				34 97	& GUTT.	38° " FL
				35 86		38° " T.C.
95+13°				34 16	30± Lt. F.L.	CATCH BASIN
95+40°		LEMKEN ROD		35 76		℄
				35 74		10° R. E. CONC PV.
				35 61		20° " " " "
				35 19		36° " FG
				35 01		38° " FL
				35 65		38° " TC
				35 8		50° "
				35 78	10° L. E. CONC PV.	
				35 65	20° " " " "	
				35 15	25° " FL & E.P.	
				36 4	40° " FL.	

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 29
No. Date Date Date Survey of So. Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by Lima Notes Lima Date 5-11-60
No. Date Date Map No. Indexed C. Johnson Date

76L-298 S & E #307—1-56

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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.

38.37

Do not extend notes this side of this line.

F. B. 2564 Pg. 30 | Job No. 62 54.00 | Division No. 10 | Notes Red | Plotted | Profile
Survey of So. Torrance S.D. | Date | Date | No.
Survey by Lind | Notes Lind | Notes Chkd | Checked | X-Sec.
Indexed C. Johnson | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	SOUTH ON	MAIN STREET
95+90°				35 73		℄
				35 65		10° R. E. COHC PV
				35 53		20° " " " "
				35 18		36° " EG
				35 02		38° " FL
				35 64		38° " TC
				35 7		50° "
		Lenker Rod		35 74	10° L. E COH. PV	
				35 59	20° " " " "	
				35 29	25° " FL & EP	
				36 7	40° "	
96+53.76				35 78		℄
				35 77		10° R. E. COHC. PV
				35 64		20° " " " "
				35 25		36° " EG
				35 11		38° " FL
				35 75		38° " TC
				35 8		50° "
				35 66	10° L. E COHC PV	
				35 51	20° " " " "	
				35 27	25° " FL. & EP	
				36 6	40° "	

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 31
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of So Temple Ave. SD. Survey by LMM Notes LMM Date 5-12-60 Map No. ____ Indexed C. Johnson Date ____

STATION	B. S.	H. I.	F. S.	ELEV.					
					SOUTH ON MAIN ST				
97+41 ℄				38 37	58 SMH AVER RIM		37° Lt. OF SEMI TAN		
				26 39	8" INLET WEST	RIM	38.37	38.37	38.37
				20 76	12" INLET SOUTH	MEAS	11.31	16.61	16.70
				20 67	12" OUTLET NORTH	T.P.	27.06	21.76	21.67
						DIA	0.67	1.00	1.00
					DROP - INVERT		26.39	20.76	20.67
97+44 ℄				35 48	59 SMH AVE RIM		32° Rt. OF SEMI TAN		
		Lemon Rd		26 55	8" INLET W.	RIM	35.48	35.48	
				26 53	8" OUTLET E.	MEAS	8.26	8.28	
						T.P.	27.22	27.20	
						DIA	0.67	0.67	
						INVERT	26.55	26.53	
98+00					SEMI-TAN				
				35 97			3° R.	Cir Point	
				35 92			13° R.	E. CONC. PV.	
				35 79			23° R.	" "	
				35 37			40° R.	EG	
				35 26			42° R.	FL	
				35 91			42° R.	TC	
				37 0			52° R.		
				35 86	6' L. E. CONC. PV				
				35 71	16' L. " " "				
				35 50	21° L. FL. & EP				
				37 1	40° L				

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	S. ON MAIN STREET	
98+99.4				35 51	BEG CONC.	89° Rt EG
				35 58	CB & GUT.	91° Rt F.L.
				36 12		91° Rt T.C.
99+11°				35 36	F.L. AT CATCH BASIN	49.7 Rt.
99+13.66					P.I. THIS SECTION TAKEN 90° FROM N. TAN	
				35 98		2° R. E.CON. PUMT
				36 00		12° " C+R PUMT
				36 00		22° " E.CON. PUMT
				35 86		32.2 " "
				35 47		48.7 R E.G.
				35 35		50.7 R F.L
				36 25		50.7 R T.C.
				36 42		64.7 R T.C.
				35 59		64.7 R B.C.
				35 56		79° R C+R SERVICE ROAD
				35 64		91° R E.G.
				35 50		93° R F.L.
				36 16		93° R T.C
				36 4		103° R
				35 78	8.3 L. EDGE CON. PUMT.	
	T.P. 9.39			35 66	13.3 L E.P. F.L.	
				38 6	20 L	

Lenker Rod

F. B. 2564 PG. 32 Job No. 6254.00 Division No. 10 Notes Red Plotted Profile
Survey of So. Torrance SD Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd Checked
Indexed by C. Johnson Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S. ON	MAIN STREET
99+13.66					P.I. = 99+13.66	S. & SEMI TAN
					FROM S. PROOED	H_1 = 1400 N.
					PER PG. 122	
1402 E H_1				39 35	S.M.H. OVER RIM	26.3 Rt & EAST OF
						SEMI TAN PROO
				21 22	12" INLET SOUTH	
				21 13	12" OUTLET NORTH	
		Lonken Rod			RIM 39.35	39.35
					MEAT 17.13	17.22
					T.P. 22 22	22.13
					DIA 1.00	1.00
					INVERT 21.22	21.13

Profile Notes Red. ____ Plotted ____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 33
No. ____ Date ____ Date ____ Survey of Sec. Torrance SP
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-12-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S ON MAIN	STREET
(10) 99+33°					SEMI	TAN
				36 08		6° R. Ctr Pvmt.
				36 01		16² " E. CONC. PV
				35 90		26⁴ " " " "
				35 57		42⁵ " EG
				35 40		44⁵ " FL
				36 05		44⁵ " TC
				36 75		58⁵ " TC.
				36 15		58⁵ " BC.
				35 88		71⁵ " Ctr SERVICE RD
				35 68		84⁶ " EG.
				35 53		86⁶ " FL.
				36 19		86⁶ " TC.
				36 4		" PL
				36 05	4° L. E. CONC PV	
				35 98	14¹ L. " " "	
				35 88	18⁶ L. FL. & EP.	
				37 8	30° L.	

Lenker Rod

F. B. 2564 PG. 34 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So. Torrance S.D. Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 224th PLACE	
POST 100+42 27					THE INT. OF SEMI TAN OF MAIN ST. & ℄ OF 224th PLACE = 100+42 27 S. & 1+00 WEST PER pg's. 55 & 123.	
0+35 W.				37 3		℄ PROD
0+22 5				35 67	FL & EP	℄ "
0+17 0		Lenker Rod		35 92	E CONC PV.	℄ "
0+7 0				36 09	E. CONC PV.	℄ "
1+03.0 W				36 17		℄ 224th PLACE
1+13.1				36 13		℄ E. CONC. PV.
1+23.2				36 00		℄ E. CONC PV.
1+39 3				35 61		℄ E.G
1+41 3				35 41		℄ FL
1+41 3				36 09		℄ T.C.
1+55 3				36 80		℄ T.C.
1+55 3				36 36		℄ B.C.
1+68 0				36 06		℄ Ctr SERVICE RD

Profile Notes Red. ____ Plotted ____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 35
No. ____ Date ____ Date ____ Survey of So. Torrance SD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-12-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L-298 S & E #307—1-56

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STATION	S. S.	H. I.	F. S.	ELEV.	W. ON 224th PLACE			
1+76° WEST				36 04	5° Lt.	SMH.	AVER.	RIM
				24 40	TRAP	INLET.	SOUTH	Top. pipe only
				24 62	TRAP	INLET	WEST	" " "
				23 92	8" OUTLET EAST			
					RIM	36.04	36.04	36.04
					MEAS	11.64	11.42	11.45
					T.P.	24.40	24.62	24.59
					DIA			0.67
					INVERT			23.92
1+80 ±		Lenker Rod		35 84	E. COAC	GUTT	℄	
1+83 ±				35 76	FL	" "	℄	
1+86 ±				35 85	E	" "	℄	
10L 2+17°				36 12			℄	
				36 00	8°	L.	W/4	
				35 91	13°	"	EC	
				35 73	15°	"	FL	
				36 35	15°	"	TC	
				36 6	27°	"		

F. B. 2564 PG. 36 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 224 th	PLACE
10 R						
2+26°				36 12		℄
				36 05		8° R W/4
				35 90		13° " EG
				35 73		15° " FL
				36 36		15° " TL
		Lenken Rod		36 6		27° "
2+66°				36 14		℄
				36 07		8° R W/4
				35 91		13° " EG
				35 75		15° " FL
				36 39		15° " TL
				36 5		27° "
				36 05	8° L. W/4	
				35 93	13° " EG	
				35 76	15° " FL	
				36 40	15° " TL	
				36 6	27° "	

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 37
No. Date Date Survey of So. Torrance SD
X-Sec. Notes Chkd. Checked Survey by Lind Notes Lind Date 5-12-60
No. Date Date Map No. Indexed Date

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 224 TS PLACE	
3+66°				36 21		℄
				36 15		8° R W/4
				36 00		13° " EG
				35 85		15° " FL
				36 46		15° " TC
				36 4		27° "
				36 15	8° L W/4	
				36 04	13° " EG	
				35 91	15° " FL	
				36 52	15° " TC	
				36 8	27° "	
5+00 W.		Lenker Rod		36 43	5° Lt SM.H. AVER RIM	
				25 05	8" INLET WEST	
				25 04	8" OUTLET EAST	
					RIM 36.43	36.43
					MEAS 10.71	10.72
					T.P. 25.72	25.71
					DIA 0.67	0.67
					INVERT 25.05	25.04

F. B. 2564 Pg. 38 Job No. 6254.00 Division No. 10 Notes Red Plotted Profile
Survey of So. Torrance S.D. Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	SOUTH ON MAIN			
100+82°				37 98	36⁶ Lt. SMH 63 AVER RIM			
				21 69	12" INLET SOUTH			
				21 85	~~12~~ 8" INLET WEST			
				21 67	12" OUTLET NORTH			
					RIM	37 98	37 98	37 98
					MEAS.	15 29	15.46	15.31
					T.P.	22.69	22.52	22.67
					DIA	1.00	0.67	1.00
					INVERT	21.69	21.85	21.67
(16) 100+87°		Lenker Rod			SEMI TAN			
				36 19			11⁵ R. E. CONC. PVMT.	
				36 04			21⁵ R. " " "	
				35 74			37⁶ R. EG	
				35 55			39⁶ R. FL	
				36 16			39⁶ R. TC	
				36 91			53⁵ R. TC	
				36 41			53⁵ R. BC.	
				36.20			67⁵ R Lt SERVICE RD	
				35.91			79⁶ R. EG	
				35.79			81⁶ R. FL	
				36.42			81⁶ R. TC	
				36.6			92⁰ R. PL	

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 39
No. Date Date Survey of So Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by Lind Notes Lind Date 5-12-60
No. Date Date Map No. Indexed R. C. Johnson Date

76L-298 S & E #307—1-56

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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.

36.20

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S. ON MAIN ST.	
10 100+87°				36 09	8^7 L. E. CONC. PV	
				35 74	18^6 L. E. " "	
				35 77	23^6 L. E.P. & FL.	
				37 4	35° L.	
4 101+27°					SEMI	TAN
				36 24		10^5 R. E. CONC. PV
				36 07		20^5 R. " " "
				35 73		36^7 R. EG
				35 53		38^7 R. FL
				36 17		38^7 R. TC
				36 93		52^5 R. TC
				36 41		52^5 R. BC
				36 19		65^5 R. Ctr SERVICE RD
				35 93		78^7 R. E. G.
				35 80		80^7 R. FL.
				36 41		80^7 R. T.C.
				36 6		92° R. PL
				36 12	9^5 L. E. CONC. PV	
				36 01	19^5 L. " " "	
				35 78	24^5 L. EP & FL	
				37 6	39^5 L. PL	

Lenker Rod

F. B. 2564 Pg. 40 Job No. 6254.00 Division No. 10 Notes Red Plotted Profile
Survey of So Torrance S.D. Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd Checked
Indexed R. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S. ON MAIN ST.	
40/ 101+90°				36 29		℄
				36 19		10° R. E. COH. PV
				36 09		20° " " "
				35 83		36° " EG
				35 68		38° " FL
		Lenker Rod		36 32		38° " TC
				37 03		51.7 " TC
				36 50		51.7 " BC
				36 21		66' " Ctr SERVICE RD
				36 04		78° " EC
				35 85		80° " FL
				36 45		80° " TC
				36 6		92° " PL
				36 24	10° L. E. COHC. PV.	
				36 09	20° " " "	
				35 82	25° " EP & FL	
				37 2	40 " PL	
10/ 102+30°				36 28		℄
				36 25		10° R. E. COHC. PV.
				36 14		20° " " " "
				35 94		36° " EG

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 41
No. Date Date Survey of So. Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by Lind Notes Lind Date 5-12-60
No. Date Date Map No. Indexed C. Johnson Date

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S. ON MAIN STREET	
10 102+30°				35 84		40° R FL
				36 46		40° R TC
				37 07		51? R. TC
				36 61		51? R. BC
				36 45		66° R. Ctr Service Rd
				36 13		78° R. EG
				35 86		80° R. FL
				36 51		80° R. TC
				36 7		92° R. PL
				36 26	10° ℄ E. Conc. Pv.	
				36 15	20° " " "	
				35 87	25° " FL & E.P.	
				36 8	40° " PL	
102+89 99		Lenker Rod			THE ℄ INT OF MAIN ST. & 225th St	
					= 102+89 99 SOUTH & 1+00 PER PGS 57, 124	
					WEST ON 225th St.	
0+60° W.				36 3	PL	℄ 225th St. PROD.
0+75°				35 75	FL & EP.	℄ " "
0+80°				36 32	E. Conc. Pv.	℄ " "
0+90°				36 35	" " "	℄ " "
1+10°				36 32	" " "	℄ 225th St.

F. B. 2564 Pg. 42 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So. Torrance SD. Date Date No. X-Sec.
Survey by Notes Notes Chkd. Checked
Indexed G. Johnson Date Date No.

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	W. OH 225 ft	STREET	
1+20° W.				36 18		℄	E. CONC. PY.
1+35° W				36 10		℄	ED. CONC. GUTT.
1+38° W				36 10		℄	F.L. " "
1+54° W				36 91		℄	ED. " "
1+72° W				36 41	SMH 64 AVER RIM	5° RT	
				25 85	8" INLET WEST		
				25 76	8" INLET SOUTH		
				25 69	8" OUTLET NORTH		
					RIM 36.41	36.41	36.41
					MEAS 9.89	9.98	10.05
					T.P. 26.52	26.43	26.36
					DIA 0.67	0.67	0.67
					INVERT 25.85	25.76	25.69
1+77° W				36 34		℄	E. CONC. GUTT
1+80° W				36 32		℄	F.L. " "
1+83° W				36 38		℄	E " "

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 43
X-Sec. No. ____ Date ____ Date ____ Survey of So. Torrance S.D.
Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-12-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	W. on 225th STREET	
10/ 2+17° W.				36 80		℄
				36 64		9° R. W/4
				36 47		16° " EG
				36 30		18° " FL
				36 94		18° " TC
				37 0		30° "
				36 55	9° L. W/4	
				36 46	16° " EG	
		Lenker Rod		36 32	18° " FL	
				36 94	18° " TC	
				37 2	30° "	
4/ 2+57°				36 81		℄
				36 69		9° R. W/4
				36 51		16° " EG
				36 33		18° " FL
				36 45		18° " TC
				37 2		30° "
				36 69	9° L. W/4	
				36 47	16° " EG	
				36 36	18° " FL	
				36 50	18° " TC	
				37 3	30° "	

F. B. 2564 PG. 44 Job No. 6254-00 Division No. 10 Notes Red. Plotted Profile
Survey of So. Torrance S.D. Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 225 RD	ST.
3+57°				36 86	℄	
				36 75		9° R W/4
				36 54		16° " EG
				36 39		18° " FL
				37 06		18° " TL
				37 2		30° "
		Lenker Rod		36 74	9° L. W/4	
				36 55	16° " EG	
				36 41	18° " FL	
				36 50	18° " TL	
				37 3	30° "	
5+26°				36 95	S.M.H. 65 AVER RIM	5° Rt.
				27 33	8" INLET WEST	
				27 26	8" OUTLET EAST	
					RIM 36.95	36.95
					MEAS 8.95	9.02
					T.P. 28.00	27.93
					DIA 0.67	0.67
					INVERT 27.33	27.26

Profile Notes Red. ____ Plotted ____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 45
No. ____ Date ____ Date ____ Survey of So. Torrance S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-12-60
No. ____ Date ____ Date ____ Map No. ____ Index C. Johnson

76L-298 S & E #307—1-56

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F. B. 2564 Pg. 46 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So. Torrance S.D. Date Date No.
Survey by Lind Notes Lind Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	S. ON MAIN STREET.
19/ 103+40				36 44	℄
				36 39	10° R. E. CONC. P.L.
				36 21	20° " " " "
				36 10	36° " EG
				36 11	40° " FL
				36 71	40° " TC
				37 37	51 " TC.
				36 90	51 " BC
				36 68	66° " CFV. SERVICE RD
		Lenker Road		36 52	78° " EC
				36 32	80° " FL
				36 95	80° " TC
				37 3	92° " PL
				36 37	100 L. E. CONC. P.L.
				36 20	20° " " " "
				35 73	25° " FL & EP
				36 3	40° " PL
41/ 103+80				36 45	℄
				36 40	10° R. E. CONC. P.L.
				36 35	20° " " " "
				35 95	36° " EG
				35 91	38° " FL

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S. ON MAIN ST.	
40 103+80°				36 57		38° R. TC
				37 46		51° " TC
				37 02		51° " BC
				36 75		66° " Cty Service Rd
				36 55		78° " EC
				36 40		80° " FL
				37 07		80° " TC
				37 2		92° " PL
				36 40	10° L. E. conc pv	
				36 26	20° " " " "	
				35 91	25° " E.P.	
				36 1	40° " P.L.	
104+26°				35 31	37° Lt. SMH AVER Rim	
				22 74	12" INLET South	
				22 72	12" OUTLET NORTH	
					Rim 35.31	35.31
					MEAS 11.57	11.59
					T.P. 23.74	23.72
					DIA 1.00	1.00
					INVERT 22.74	22.72

Lenker Rod

Profile Notes Red ____ Plotted ____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 49
No. ____ Date ____ Date ____ Survey of So Torrance S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-12-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S. ON MAIN ST	
40) 104+42°				36 53		℄
				36 45		10° R. E CONC. PV
				36 30		20° " " " "
				36 03		36° " EG
				35 88		38° " FL
				36 52		38° " TL
				37 40		51° " TL
				37 00		51° " BC
				36 81		66° " Ctr Service RD
				36 56		78° " EG
				36 44		80° " FL
				37 06		80° " TL
				37 27		92° " PL
				36 44	10° L. E. CONC PV	
				36 35	20° " " "	
				35 93	25° " E.P. F.L.	
				36 0	40° " PL	
10) 104+82°				36 54		℄
				36 45		10° R. E. CONC PV.
				36 32		20° " " " "
				36 06		36° " EG

Lenker Rod

F. B. 2564 Pg. 48 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So. Torrance S.D. Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S. ON MAIN STREET	
10/ 104+82°				35 85		38° R. FL
				36 45		38° " TC
				37 43		51⁷ " TC
				37 02		51⁷ " BC
				36 78		66° " Ctr Service Rd
		Lenker Rd.		36 61		78° " EG
				36 46		80° " FL
				37 13		80° " TC
				37 33		92° " PL B.W.
				36 49	10° L E. CONC. PL.	
				36 31	20° " " " "	
				35 90	25° " EP	
				35 1	40° " PL.	
105+39.20					THE ℄ INT. OF MAIN STREET AND 226th St.	
					= 105+39.20 So. & 1+00 W. PER pgs 58 & 127	
0+60° W.				36 4		℄ 226th St. Prod
0+75° W.				36 04		℄ " "
0+80° W.				36 43		℄ " "
0+90° W				36 54		℄ " "
1+10° W				36 44		℄ 226th Street
1+20° W				36 37		℄ " "

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 49
No. Date Date Survey of So. Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by Lind Notes Lind Date 5-12-60
No. Date Date Map No. Indexed C. Johnson

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	W. on 226 ft St.			
1+36.0				36 12		℄	EG	
1+38.0				35 95		℄	FL	
1+38.0				36 58		℄	TC	
1+51.7				37 66		℄	TC	
1+51.7				37 17		℄	BC	
1+66.0				36 95		℄	Ctr Service Rd	
1+75.0				36 70	S.M.H. Aver Rim		5.0 Rt	
				26 58	8" Inlet W.			
				26 31	8" Inlet S.			
				26 31	8" Outlet N.			
					Rim	36 70	36.70	36.70
					Meas	9.45	9.72	9.72
					T.P.	27.25	26.98	26.98
					Dia	0.67	0.67	0.67
					Invert	26.58	26.31	26.31
1+76.8				36 78	E. Conc. Gutt.	℄		
1+78.8				36 74	FL. " "	℄		
1+82.8				36 81	E. " "	℄		

Lenker Rod

F. B. 2564 Pg.
Job No. 6254.00
Division No. 10
Notes Red. Plotted
Profile
Survey of So. Torrance SD. Date Date No.
Survey by Lind Notes Lind Notes Chkd. Checked X-Sec.
Indexed E. C. Johnson Date Date No.

76L-298 S & E #307—1-56

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

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STATION	B. S.	H. I.	F. S.	ELEV.	W. ON 226TH ST. STREET	
101 2+16°				37 15		℄
				37 08		8° R W/4
				36 89		13° " EG
				36 70		15° " FL
				37 35		15° " TL
				37 57		26.5 " BW
		Lenker Rod		37 06	8° L W/4	
				36 87	13° " EG	
				36 74	15° " FL	
				37 39	15° " TL	
				37 64	26.5 " BW	
2+56°				37 29		℄
				37 13		8° R. W/4
				36 91		13° " EG
				36 77		15° " FL
				37 40		15° " TL
				37 65		26.5 " BW
				37 17	8° L. W/4	
				36 88	13° " EG	
				36 73	15° " FL	
				37 25	15° " TL	
				37 63	26.5 " BW	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 57
X-Sec. No. ____ Date ____ Date ____ Survey of So. Torrance S.D.
Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-12-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	W ON 226 th	STREET
3+56.0				37 32		℄
				37 20		8° R WH
				36 99		13° " EG
				36 83		15° " FL
				36 91		15° " TL DRIVE
				37 70		26.5 " BW
				37 23	8° L WH	
				36 95	13° " EG	
				36 81	15° " FL	
				36 89	15° " TL DRIVE	
				36 73	26.5 " BW	
5+04.5		Lenker Rod		37 32	SMH 68 AVER RIM	5° Rt
				27 86	8" INLET W.	
				27 79	8" OUTLET E	
					RIM 37.32	37.32
					MEAS 8.79	8.82
					T.P. 28.53	28.46
					DIA 0.67	0.67
					INVERT 27.86	27.79

F. B. 2564 Pg. 52 Job No. 62.54.00 Division No. 10 Notes Red. Plotted Profile
Survey of So. Torrance SD Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked
Index C. Johnson Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	SOUTH ON MAIN STREET			
10) 105+86°				36 56		℄		
				36 51		10°	R.	E. CONC PV
				36 41		20°	R	" "
				36 18		36°	R	EG
				36 01		38°	R	FL
		Lenker Rod		36 66		38°	R	TL
				37 86		517	R	TL
				37 38		517	R	BL
				37 15		66°	R	Ctr SERVICE RD
				36 89		78°	R	EG
				36 69		80°	R	FL
				37 34		80°	R	TL
				37 75		92°	R	PL B.W.
				36 56	10° L E CONC PV			
				36 47	20° " " "			
				36 00	25° " EP			
				35 9	400 " PL			
				36 62		℄		
40) 106+26				36 56		10°	R.	E. CONC. PV
				36 45		20°	"	" "
				36 18		36°	"	EG
				35 99		38°	"	FL

Profile Notes Red ____ Plotted ____ Job No. 6254.00 Division No. 10 F.B. 2564 Pg. 58
No. ____ Date ____ Date ____ Survey of So. Terrance SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-12-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson Date ____

76L-296 CE 307 11-58

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F.B. 2564 Pg. 54 | Job No. 6254.00 | Division No. | Notes Red. | Plotted | Profile No.
Survey of So. Torrance SD | Date | Date | X-Sec. No.
Survey by Lind | Notes | Notes Chkd. | Checked | Date | Date
Indexed C. Johnson | Date

STATION	B.S.	H.I.	F.S.	ELEV.	S. on MAIN STREET	
101 106+26°				36 62		38° R. - TC
				37 86		51 " TC
				37 36		51 " BC
				37 19		66° " Ctr SERVICE RD
				36 96		78° " EC
				36 77		86° " PL
				37 42		80° " TC
		Lenker Rod		37 78		92° " PL B.W.
				36 58	10° L E. CONC. PL	
				36 51	20° L " "	
				36 15	25° L. EP.	
				35 8	40° L. PL	
101 106+90°				36 79		℄
				36 73		16° R. E. CONC. PL
				36 62		20° R " "
				36 29		36° R. EC
				36 10		38° R FL
				36 76		38° R TC
				37 97		51 R TC
				37 49		51 R BC
				37 35		66° R. Ctr SERVICE RD

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	South on	Main Street
40/ 106 +90°				37 04		78° R. EG
				36 89		80° " FL
				37 58		80° " TC
				37 84		92° " PL B.W.
		Lenker Rod		36 72	10° L. E Conc PV	
				36 60	20° " " "	
				36 24	25° " E.P.	
				36 3	40° " PL.	
10/ 107 +30				36 81	℄	
				36 77		10° R. E Conc PV
				36 65		20° " " "
				36 36		36° " EG
				36 19		38° " FL
				36 81		38° " TC
				38 02		51.7 " TC
				37 56		51.7 " BC
				37 35		66° " Ctr Service Rd
				37 09		78° " EG
				36 91		80° " FL
				37 58		80° " TC
				37 91		92° " PL

Profile Notes Red ____ Plotted ____ Job No. 6254.00 Division No. 10 F.B. 2564 Pg. 55
No. ____ Date ____ Date ____ Survey of So. Torrance S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-12-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	S. ON MAIN STREET	
10) 107+30				36 74	10° L. E. CONC. PL.	
				36 65	20° " " "	
				36 35	25° " E.P.	
				36 3	40° " PL.	
107+61°				36 51	37° Lt. SMH. (69)	AVER. RIM
				23 84	12" INLET SOUTH	
				23 82	12" OUTLET NORTH	
		Lenker Rod			RIM 36.51	36.51
					MEAS 11.67	11.69
					T.P. 24.84	24.82
					DIA 1.00	1.00
					INVERT 23.84	23.82

F.B. 2564 PG. 56

Job No. 625400 Division No. 10 Notes Red ____ Plotted ____ Profile ____

Survey of So Torrance SD Date ____ Date ____ No. ____

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

Indexed C. Johnson Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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40.90

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STATION	B.S.	H.I.	F.S.	ELEV.	W. ON 226 th PLACE	
107+86.99					THE ℄ INT. OF MAIN STREET & 226 th PL.	
					= 107+86.99 So. & 1+40. WEST PERPGS 59, & 128	
4+60° W.				36 5	PL	℄ 226 th St. Prop
0+75° W.				36 35	EP	℄
0+80° W				36 67	E. CONC PV	℄
4+90 W				36 79	" "	
1+110° W.		Lenker Rod		36 81	" "	℄
1+20° W.				36 70	" "	℄
1+76° W				36 37	EG	℄
1+38° W				36 18	FL	℄
1+38° W.				36 83	TG	℄
1+56° W				37 95	TG	℄
1+56° W.				37 36	BC	℄
1+58' W.				37 54	EG	℄
1+66° W				37 52	Ctr SERVICE ROAD	℄

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6254.00 Division No. 10 F.B. 2564 Pg. 37
X-Sec. No. ____ Date ____ Date ____ Survey of So. Torrance S.D.
Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-12-60
Date ____ Date ____ Map No. ____ Indexed C. Johnson

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STATION	B.S.	H.I.	F.S.	ELEV.	W. OH 226 th	PLACE	
1+74 E				37 30	5° Lt. SM.H. 70	AVER Rim	
				26 95	8" INLET WEST		
				27 02	8" STUB EAST		
				26 94	8" OUTLET NORTH		
					Rim 37.30	37.30	37.30
					MEAS 9.68	9.61	9.69
					T.P. 27.62	27.69	27.61
					DIA 0.67	0.67	0.67
					INVERT 26.95	27.02	26.94
		Lenker Rod					
1+76 E				37 28	E. COWG GUTT ℄		
1+79 E				37 23	FL " " ℄		
1+82 E				37 27	E " " ℄		

F.B. 2564 PG. 58 Job No. 6254.00 Division No. 10 Notes Red Plotted Profile
Survey of So. Torrance S.D. Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked
Indexed G. Johnson Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	W. on 226	℄ Place
10/ Z+19°				37 54		℄
				37 51		8° R W 14
				37 35		13° " EG
				37 19		15° " FL
				37 86		15° " TC
		Lenker Rod.		38 13		26.5 " BW
				37 41	8° L W 14	
				37 28	13° " EG	
				37 13	15° " FL	
				37 20	15° " TC	
				38 04	27° " DL	
40/ Z+59°				37 67		℄
				37 58		8° R. W 14
				37 37		13° " EG
				37 16		15° " FL
				37 86		15° " TC
				38 04		26.5 " BW
				37 51	8° L W 14	
				37 34	13° " EG	
				37 20	15° " FL	
				37 82	15° " TC	
				37 9	27° " DL	

Profile Notes Red ____ Plotted ____ Job No. 6254.00 Division No. 10 F.B. 2564 Pg. 59
No. ____ Date ____ Date ____ Survey of So. Torrance SD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 5-12-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
C. Johnson

76L-298 CE 307 11-58

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F.B. 2564 Pg. 60

Job No. 6254.00 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of So Terrance S.D. Date ____ No. ____ X-Sec. ____
Survey by Lind Notes Lind Notes Cakd. ____ Checked ____
Indexed C. Johnson Date ____ Date ____ Date ____ No. ____

STATION	B.S.	H.I.	F.S.	ELEV.	W. ON 226 #3	PLACE
3+39.5 W.				37.61	5° Lt. S.M.H.	Over Rim
				27.58	8" Inlet West	
				27.45	8" Outlet East	
					Rim 37.61	37.61
					MEAS 9.36	9.49
					T.P. 28.25	28.12
					DIA 0.67	0.67
					Invert 27.58	27.45
3+59° W		Lenker Rod		37.71		4
				37.63		8° R. W/4
				37.43		13° " EG
				37.25		15° " FL
				37.38		15° " TC DRIVE
				38.0		26.5 " BW.
				37.58	8° L. W/4	
				37.44	13° " EG	
				37.26	15° " FL	
				37.92	15° " TC	
				38.0	27° " PL	

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	S. OH MAIN STREET	
108+20				36 89	℄	
				36 82		10° R. E. CONC. PV
				36 71		20° R " "
				36 41		36° R EG
				36 23		38° R FL
				36 91		38° R TL
				37 19		49± R BW
		LENKER ROD		36 80	10° L. E. CONC PV.	
				36 70	20° L. " "	
				36 45	25° L. EP.	
				36 6	40° L. PL	
109+03				37 00	℄	
				36 94		10° R. E. CONC. PV
				36 79	ENC CONC. CB	20° " " "
				36 46	& GUTT. ON W. SIDE	36° " EG
				36 30		38° " FL
				36 92		38° " TL
				37 12		49± " BW
				36 92	10° L. E. CONC. PV.	
				36 82	20° " " "	
				36 71	25° " E.P.	
				36 8	40° " PL	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6254.00 Division No. 10 F.B. 7564 Pg. 61
X-Sec. No. ____ Date ____ Date ____ Survey of S. TORRANCE SD.
Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 5-12-60
Date ____ Date ____ Map No. ____ Indexed C. John[illegible]

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	S ON MAIN STREET		
110+00				37 12		℄	
				37 05		10° R. E. CONC PV	
				36 90		20° " " "	
				36 54		25° " E.P.	
				37 0		30° "	
				37 05	10° L. E. CONC. PV.		
				36 85	20° " " "		
				36 52	25° " E.P.		
				37 2	40° " P.L.		
110+55.00				37 03	37° Lt. S.M.H. 73	AVER RIM	
				24 74	12" INLET SOUTH		
				25 50	8" INLET EAST		
				24 73	12" OUTLET NORTH		
					RIM 37.03	37.03	37.03
					MEAS 11.29	10.86	11.30
					T.P. 25.74	26.17	25.73
					DIA 1.00	0.67	1.00
					INVERT 24.74	25.50	24.73
BM SQ 2221				37 90	BM SQ 2221, EL= 37.90	2525 -27	

Survey of S. TORRANCE SQ Job No. 6254.00 Division No. 10 Notes Red Plotted Profile
Survey by LINO Notes LINO Date Date No. X-Sec.
Indexed C. Johnson Date Notes Chkd. Checked Date No.

2564 Pg. 62

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.				
					ADDITIONAL S. M. H. INVERTS FOR S. TORRANCE S.D. LINE "B"			
1+19°	CONT. FROM F.B. 2525-235			31.40	SMH Av. Rim ℄ OF GRACE AVE			
	F.E. Brooks 2 May 1962			20.20	8" INLET EAST			
				20.02	10			
				19.85	~~12~~" INLET SOUTH			
				20.01	10			
				~~19.84~~	~~12~~" OUTLET NORTH			
		LENKER ROD			RIM	31.40	31.40	31.40
					MEAS	10.53	10.55	10.56
					I.P.	20.87	20.85	20.84
					DIA	0.67	83 1.00	83 1.00
					INVERT	20.20	20.02 19.85	20.01 19.84
					S.C. at 4+31.0 on Grace checks 10" Inlet and 10" Outlet F.E. Brooks 2 May 1962			

Profile Notes Red. ____ Plotted ____ Job No. 6250.00 Division No. 10 F.B. 2564 Pg. 63
No. ____ Date ____ Date ____ Survey of S. TORRANCE S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINN Notes LINN Date 5-12-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

F. B. 2564 Pg. 64 Job No. 6254.00 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of S. TORRANCE CO. Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76L-298 S & E #307—1-56

Notes Ck'd by Miller	Survey of So. Torrance S.D.
Map No.	JN 6254.00 Tape 074 Std 68 °F
Office Work	Surveyed by Dougherty
Checked	Notes ND. Date 5-5-60
Date	Indexed C. Johnson 5-12-60

F.B. 2564 Pg. 71

J.N. 6254.00

South Torrance Storm Drain.

℄ survey over proposed Route

From Pennsylvania Ave ℄ 248th St.

South on Pennsylvania Ave to 250th St;

thence west on 250th St of Grenshaw

Blvd; thence south on Grenshaw

Blvd ℄ Atkinson Ave to Pacific

Coast Hwy.

5-5-60

Ref:

F.B. 1227
Rd. Dept F.B's
F.B. 263
F.B 329
F.B. 356.
F.Q 915

Dougherty
Newman
Sandoval
Adams

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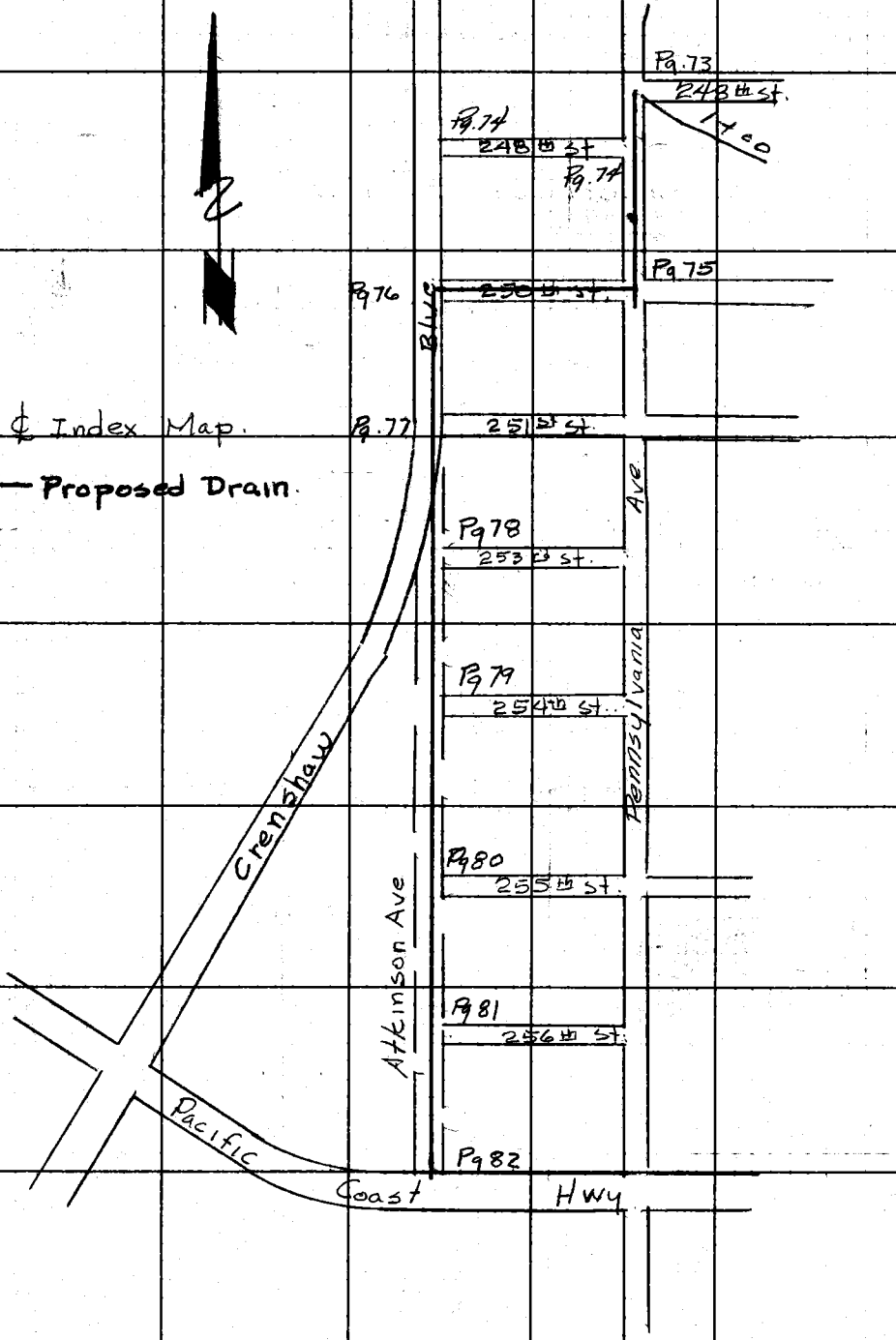
763095 CE #247—7-58

F. B. 2564 PG. 72



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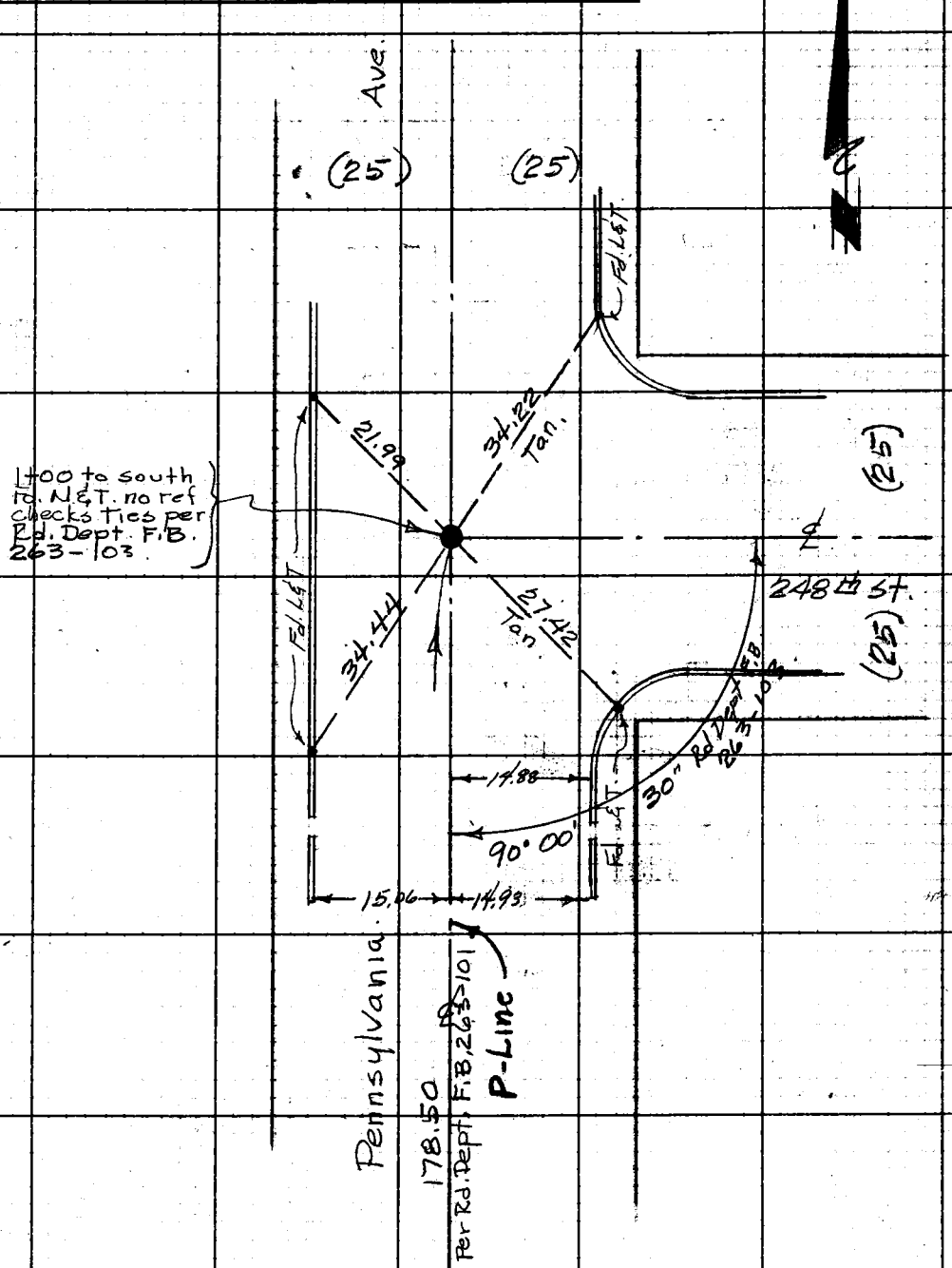
Notes Ck'd by Miller	Survey of So Torrance S.D.	F. B. 2564 Pg. 73
Map No.	IN 6254 Tape 074 Std. 68 °F	
Office Work	Surveyed by Dougherty	
Checked	Notes Dougherty Date 5-5-60	
Date	Indexed C. Johnson	

W.S. 127-E-2



Cont. on top Hfg. 74

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RETURN TO
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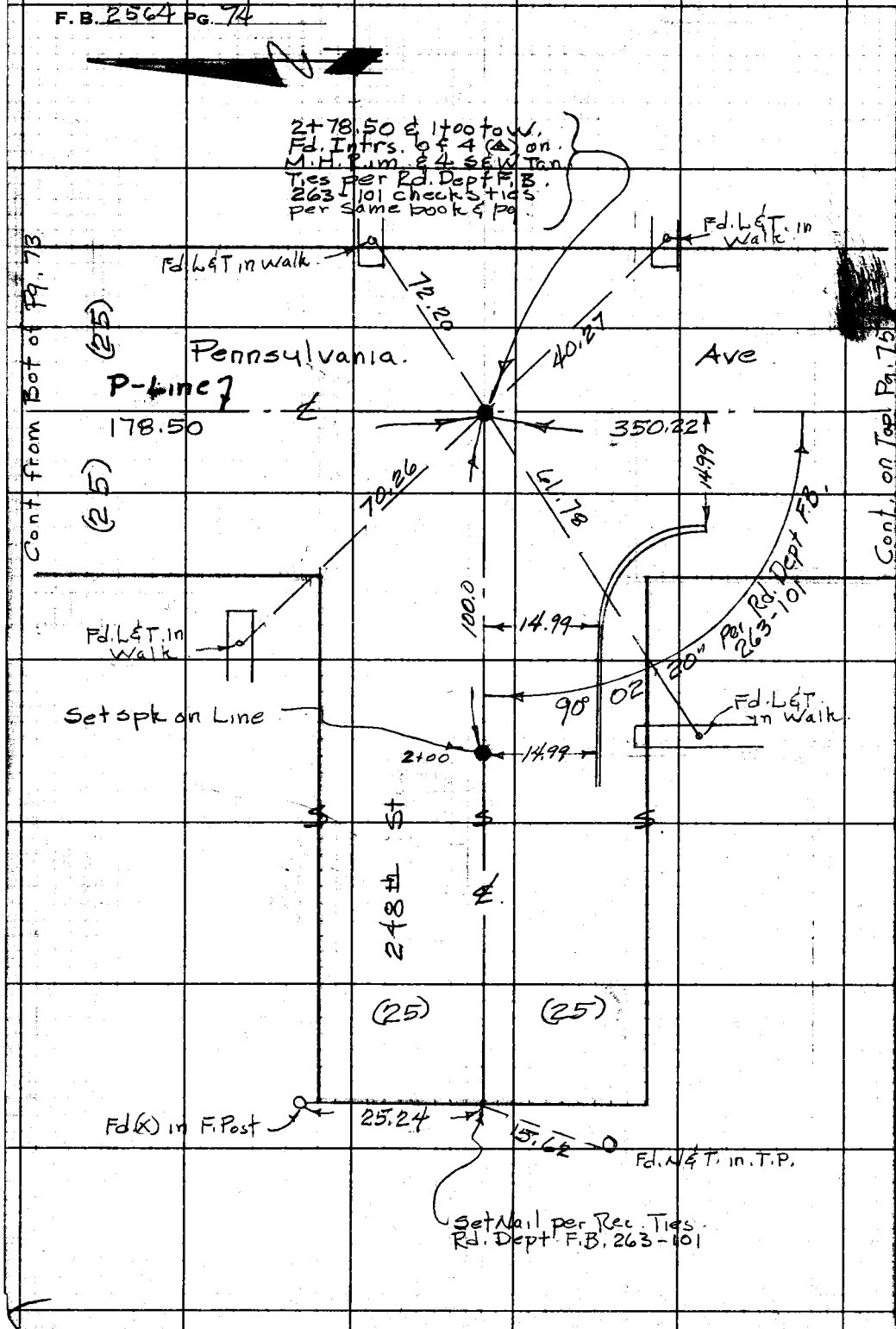
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F. B. 2564 PG. 74



W.S. 27-E-2

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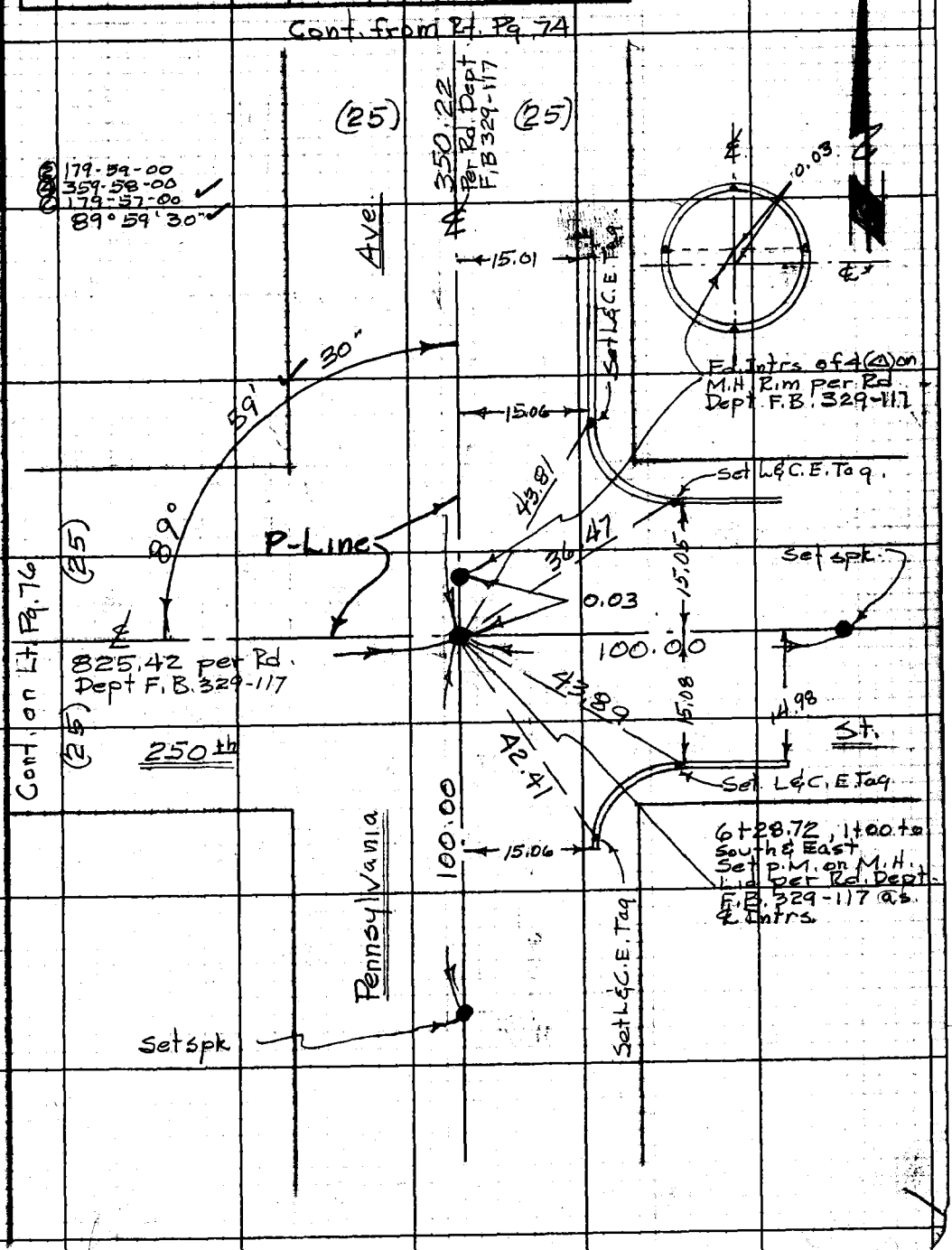
Notes Ck'd by Miller
Map No.
Office Work
Checked
Date

Survey of So Torrance S.D.
IN 6254.00 Tape 074 Std 68° °F
Surveyed by Dougherty
Notes Dougherty Date 5-6-60
Indexed C. Johnson

F.B. 2564 PG. 75

W.S. 27-E-2



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
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763098 CE #247—7-53

F.B. 2564 PG. 76

W.S. 27 F-2

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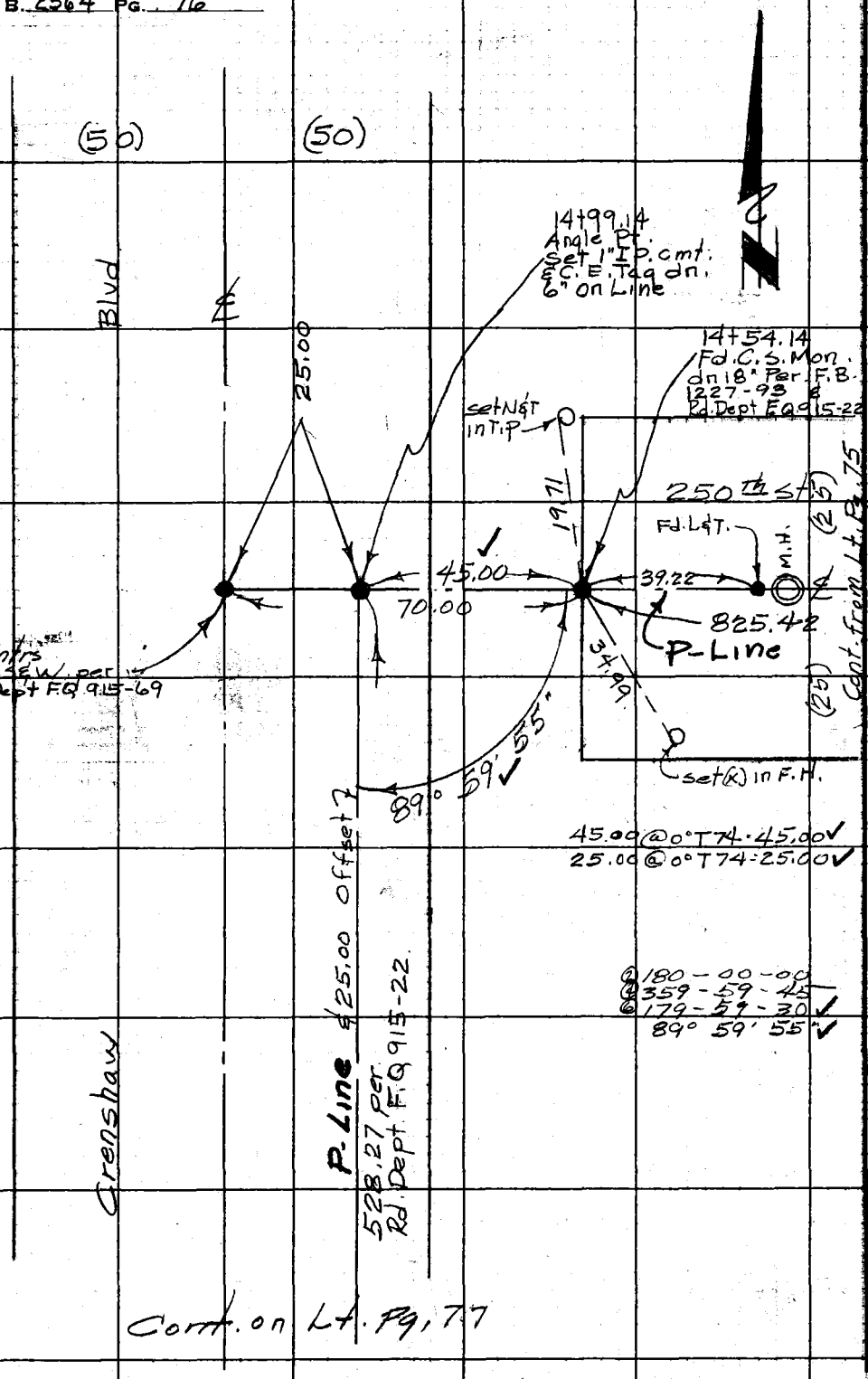
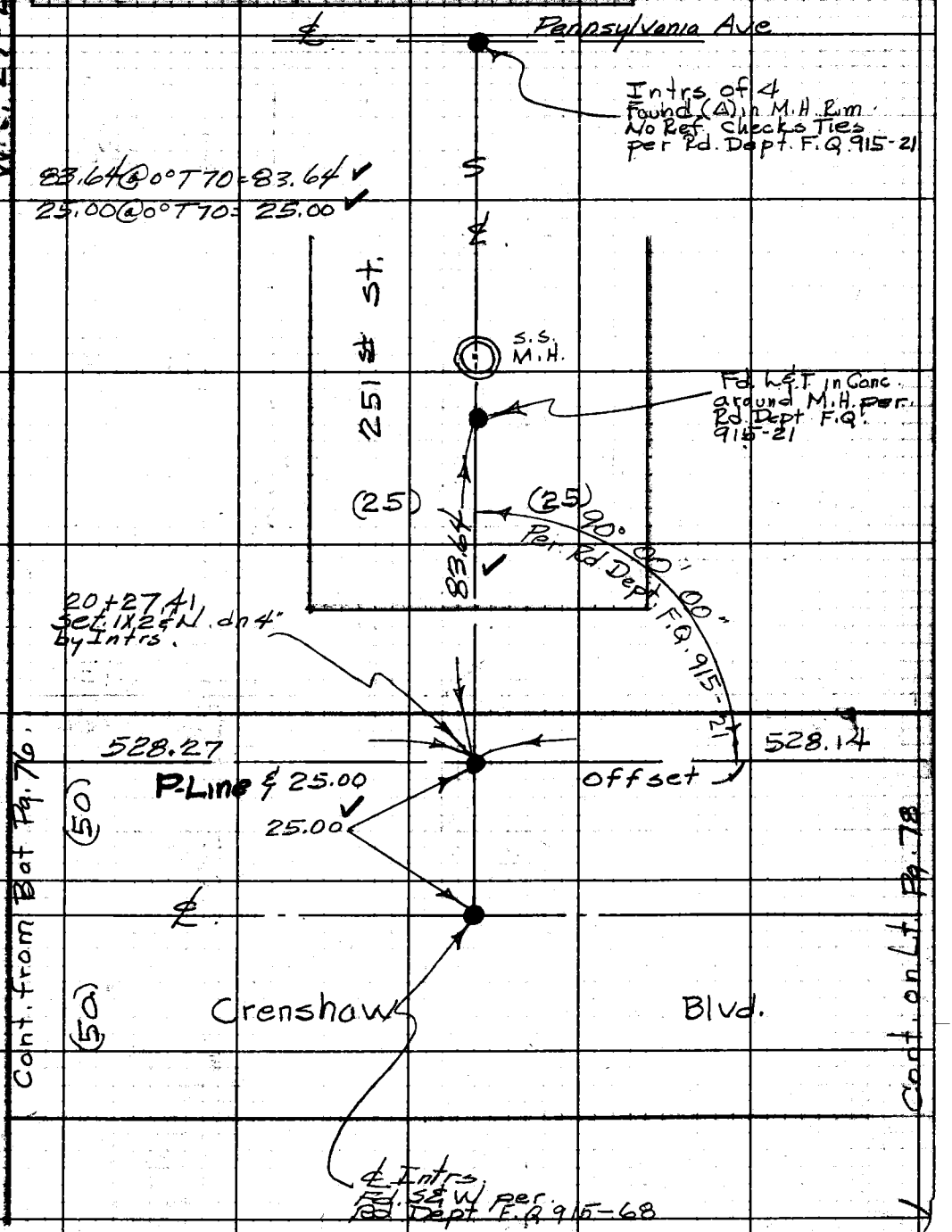
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink, With Date and Name of Person Making Change.



Cont. on Lt. Pg. 77

Notes Ck'd by Miller	Survey of So. Torrance S.D.
Map No.	IN 6254.00 Tape 074 Std 68 °F
Office Work	Surveyed by Dougherty
Checked	Notes JND Date 5-6-60
Date	Indexed C. Johnson

F. B. 2564 Pg. 77



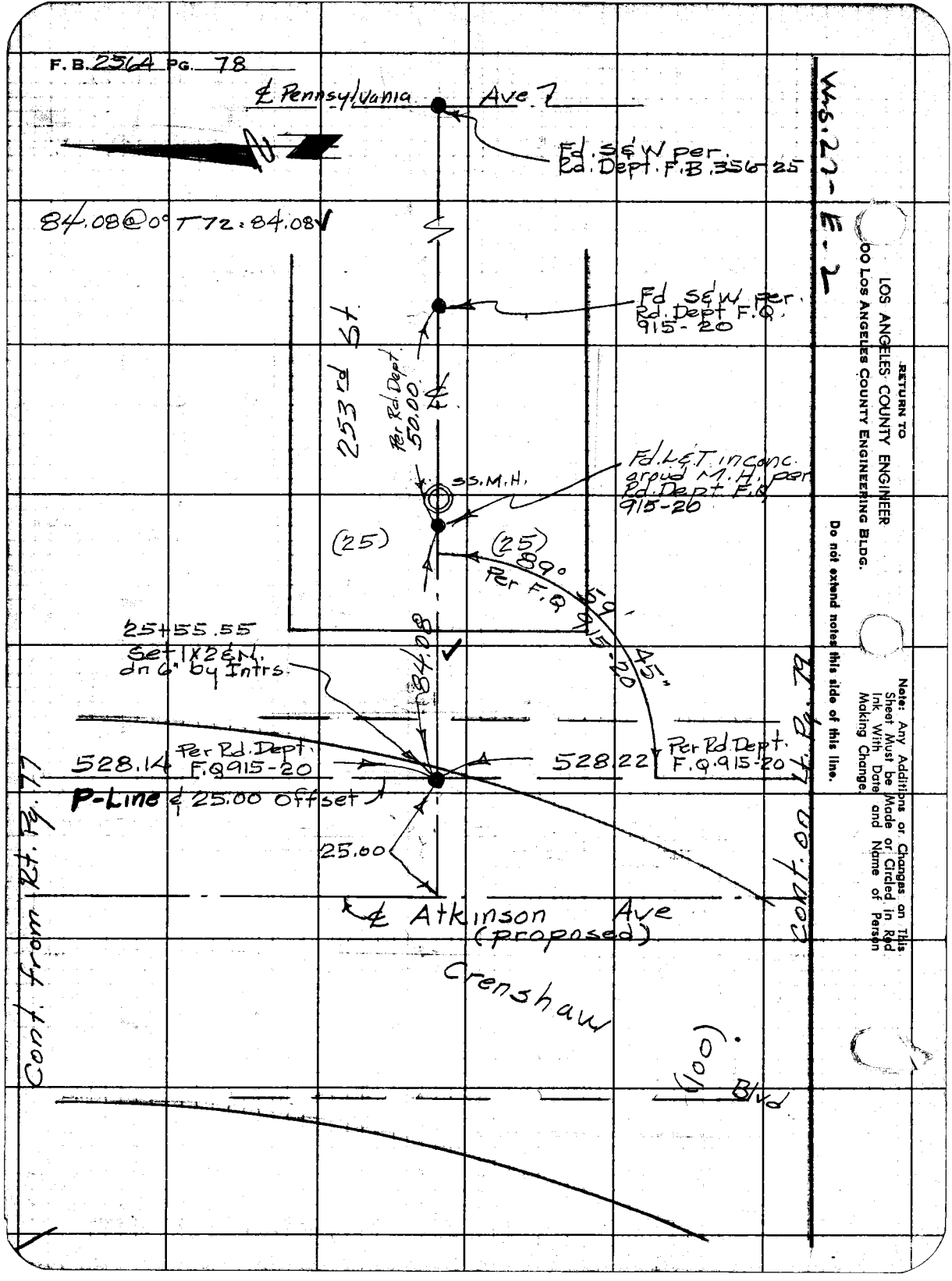
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
400 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-55

F. B. 2564 PG. 78



W.S. 27-E-2

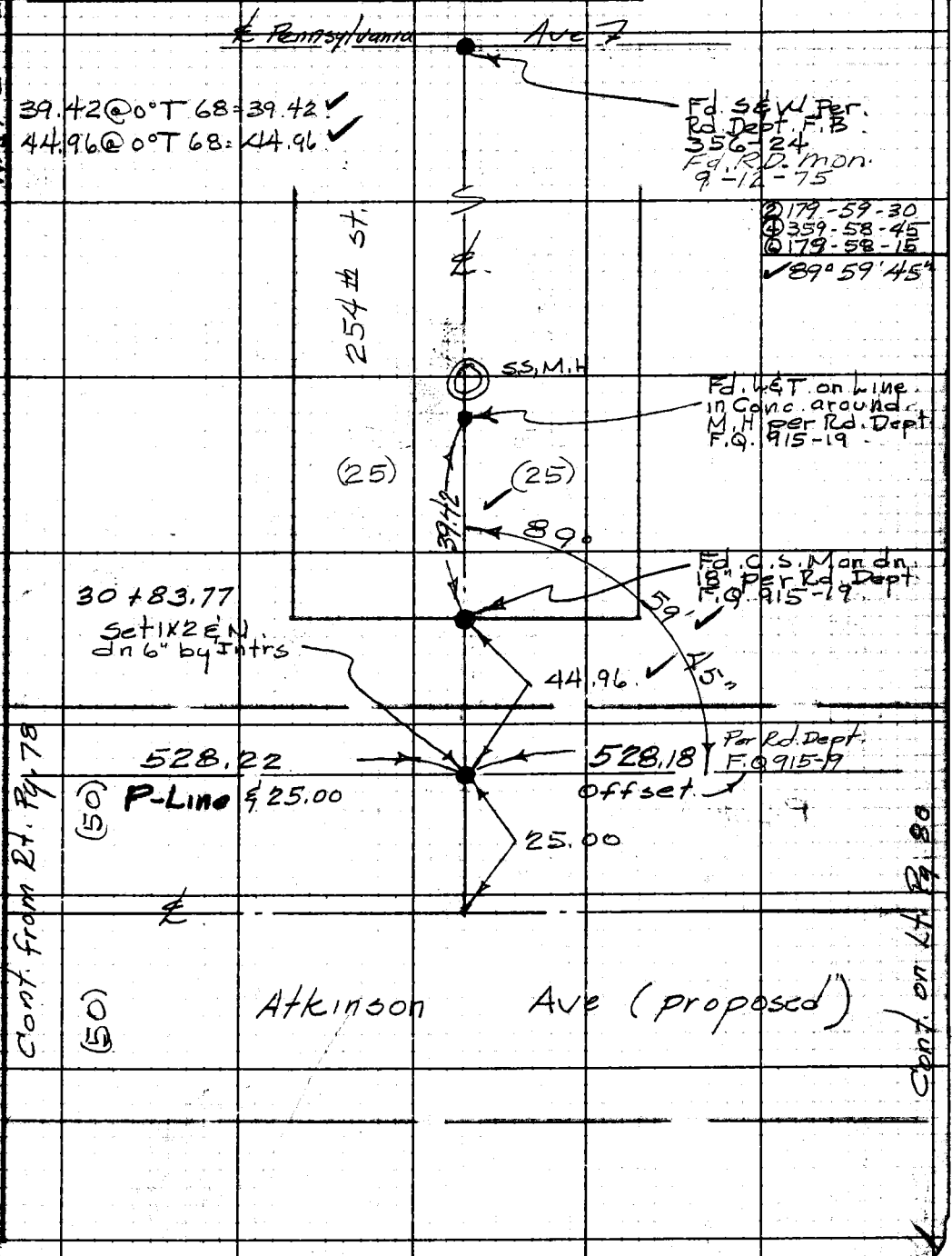
RETURN TO
LOS ANGELES COUNTY ENGINEER
00 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by Miller	Survey of So Torrance S.D.	F. B. 2564 Pg. 79
Map No.	JN 6254.00 Tape .074 Std 68 °F	
Office Work	Surveyed by Dougherty	
Checked	Notes JND Date 5-9-60	
Date	Indexed [redacted]	

W.S. 27-E-2



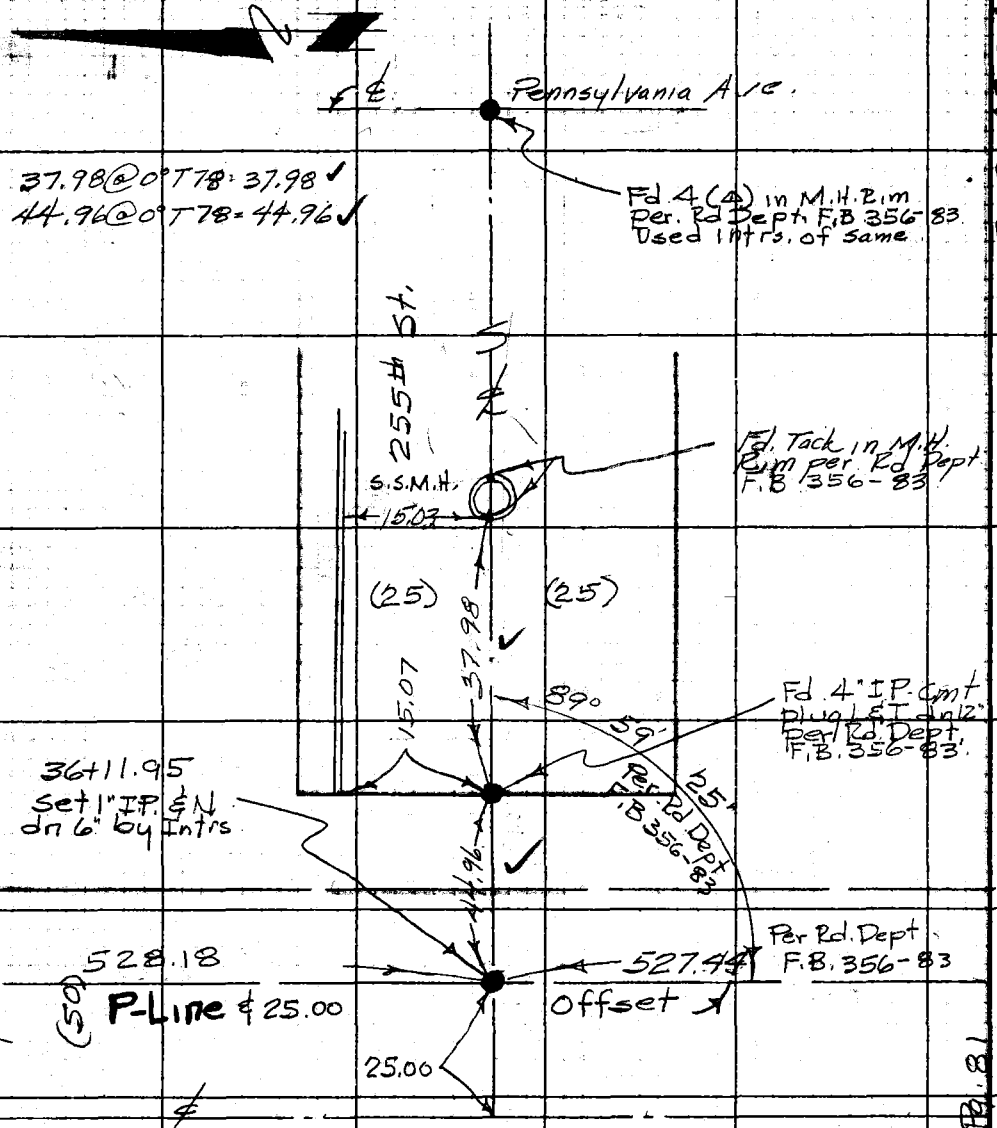
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-58

F. B. 2564 PG. 80



W.S.27-E-2

RETURN TO
LOS ANGELES COUNTY ENGINEER
900 Los Angeles County Engineering Bldg.

Do not extend noted this side of this line.

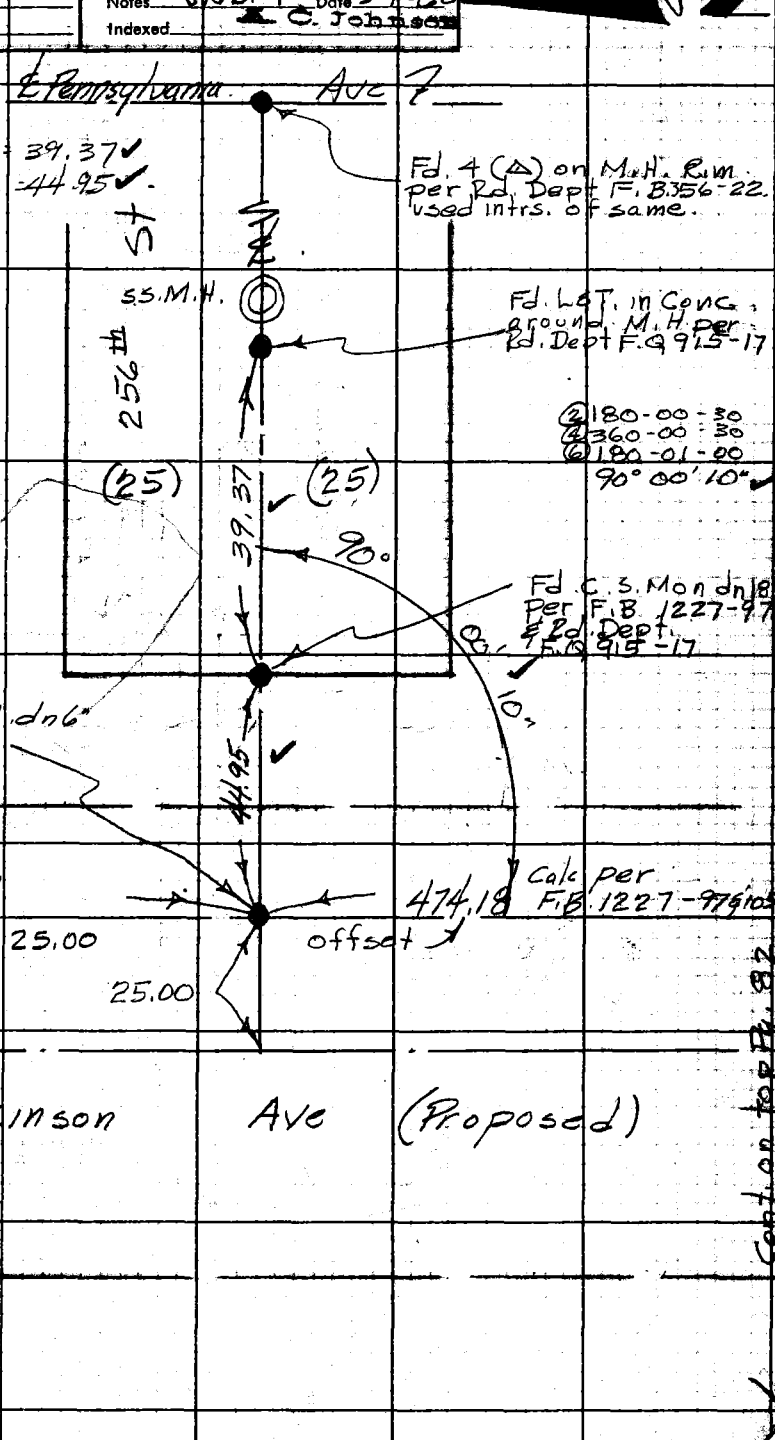
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of So Torrance S.D.
JN 6254.00 Tape 074 Std 68° °F
Surveyed by Dougherty
Notes JND. 1 Date 3-9-60
Indexed C. Johnson

F. B. 2564 Pg. 81

Ws. 27-E-2



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

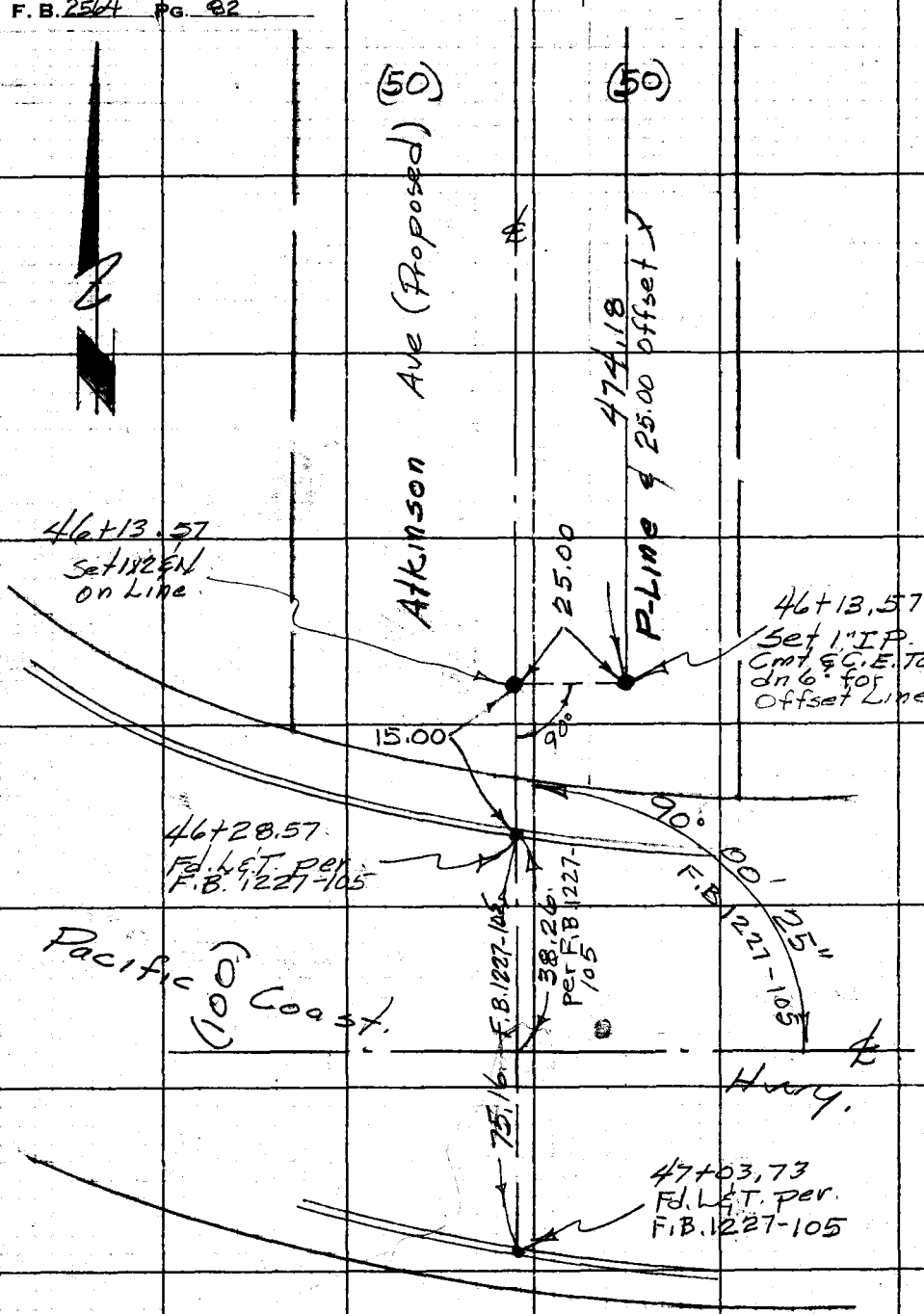
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247 7-53

Cont. from Rt. Pg 81

F. B. 2564 PG. 82



W.S. 22-E-3

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of So. Torrance SD
Map No.	JN 6254.00 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes JND-1 Date 5-6-60
Date	Indexed L. C. Johnson 5-19-60

F. B. 2564 PG. 93

J.N. 6254.00

South Torrance Storm Drain.

Location of Improvements on Pennsylvania Ave from 248th St. South to 250th St.

5-6-60

Dougherty
Newman
Sandoval
Adams.

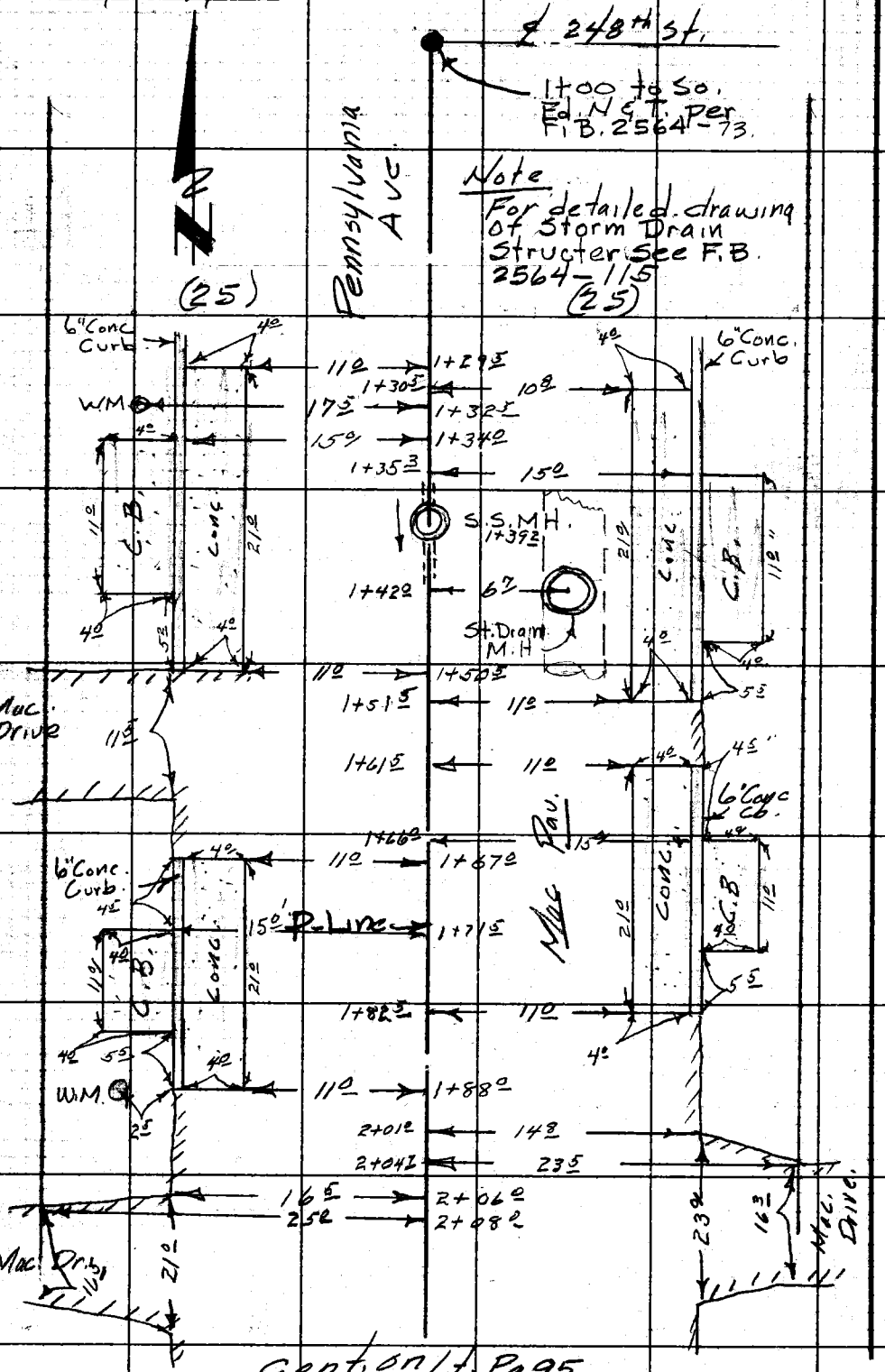
Note: Any Additions or Changes on This Sheet Must be Made or Ruled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

768095 CE #247—7-59

F. B. 2564 PG. 94



Cont. on Lt. Pg 95

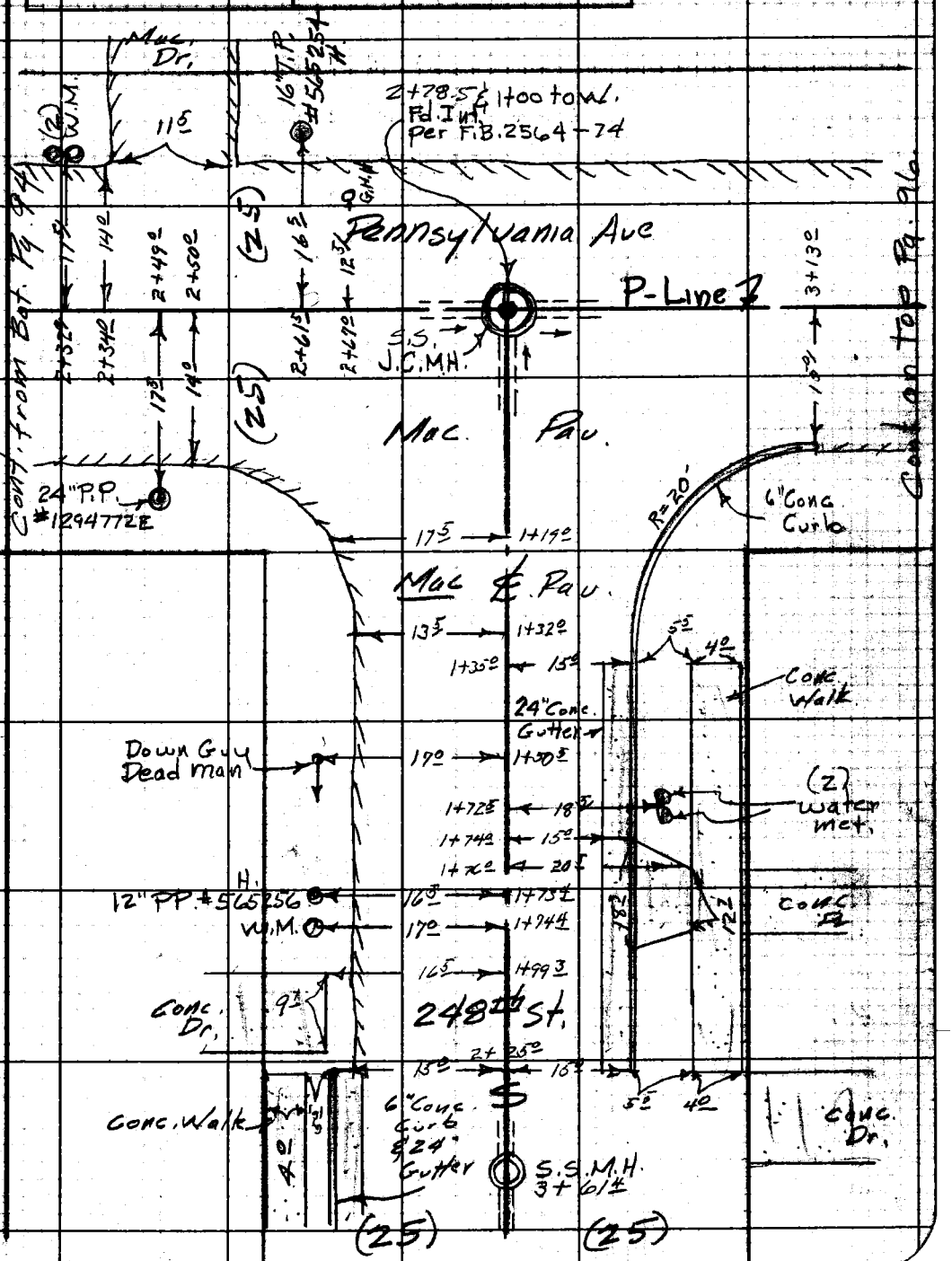
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of So Torrance S.D.
Map No.	JN 6254.00 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes JND Date 5-10-60
Date	Indexed C. Johnson

F. B 2564 PG. 95



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

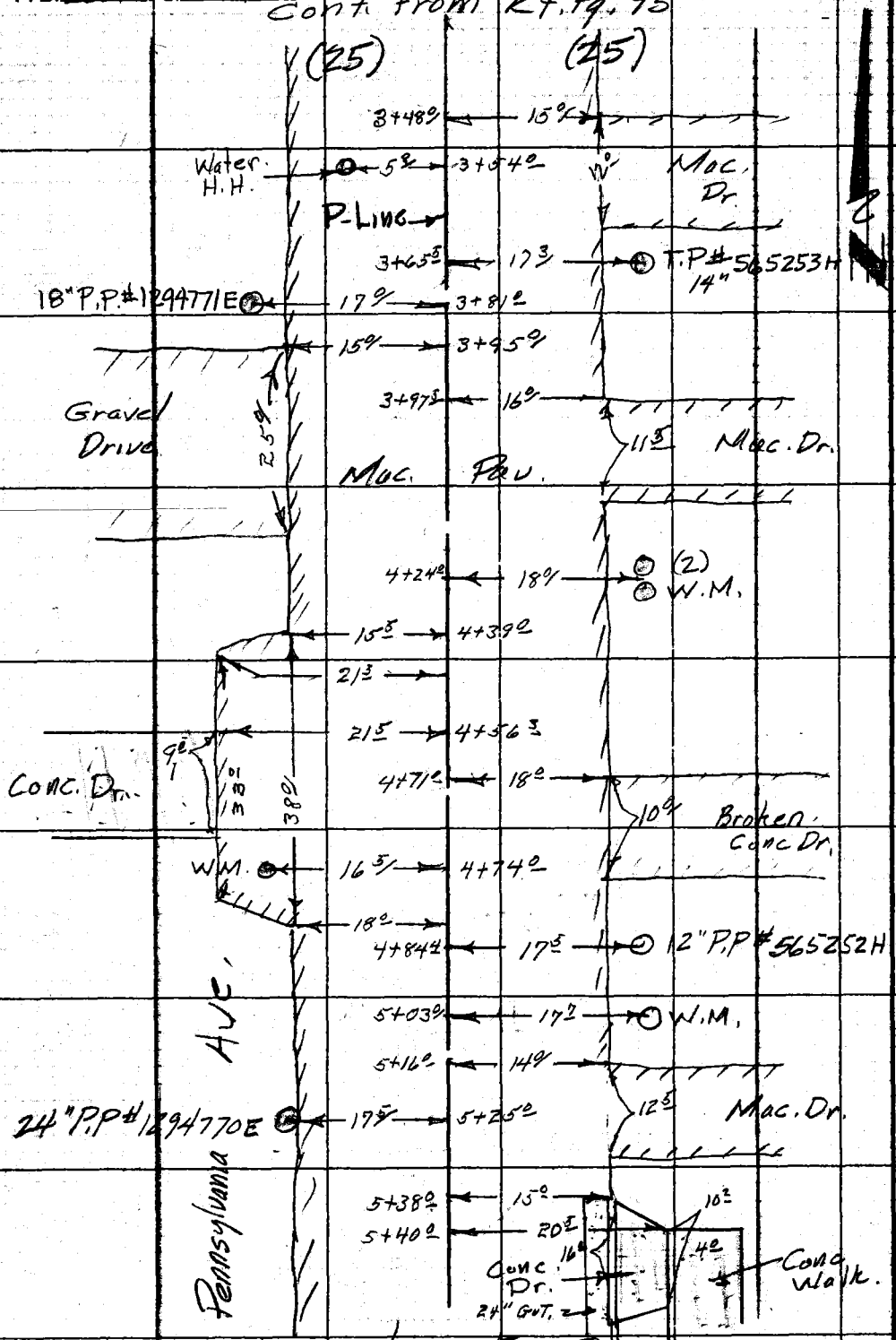
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

7650-26 CK #247—7-55

F. B. 2564 PG. 96

Cont. from Rt. Pg. 95

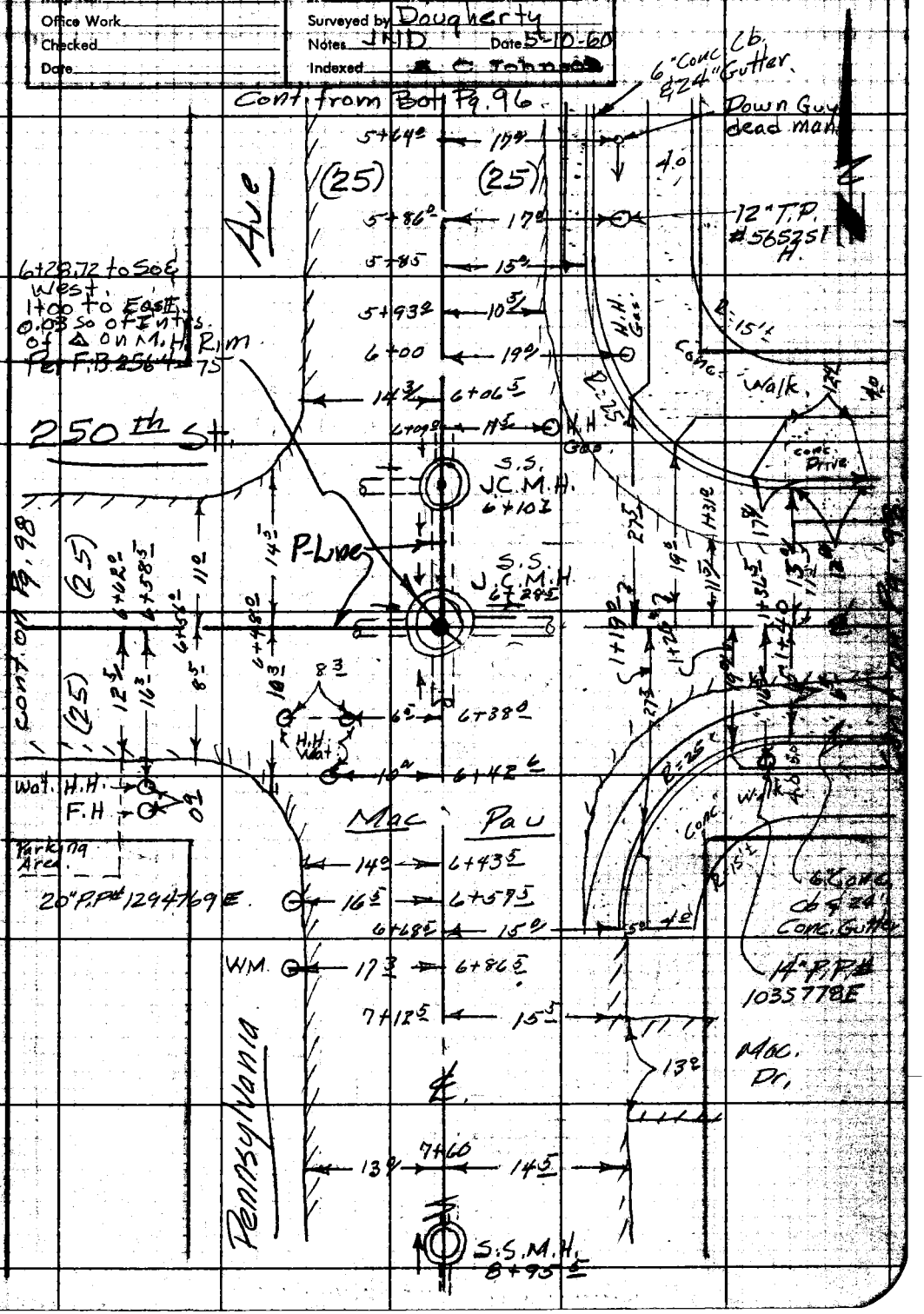


Cont. on Top Pg. 97

RETURN TO
LOS ANGELES COUNTY ENGINEER
00 Los Angeles County Engineering Bldg.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled In Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of So Torrance S.D.
Map No.	JN 6254.00 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes JND Date 5-10-60
Date	Indexed

F. B. 2564 Pg. 97



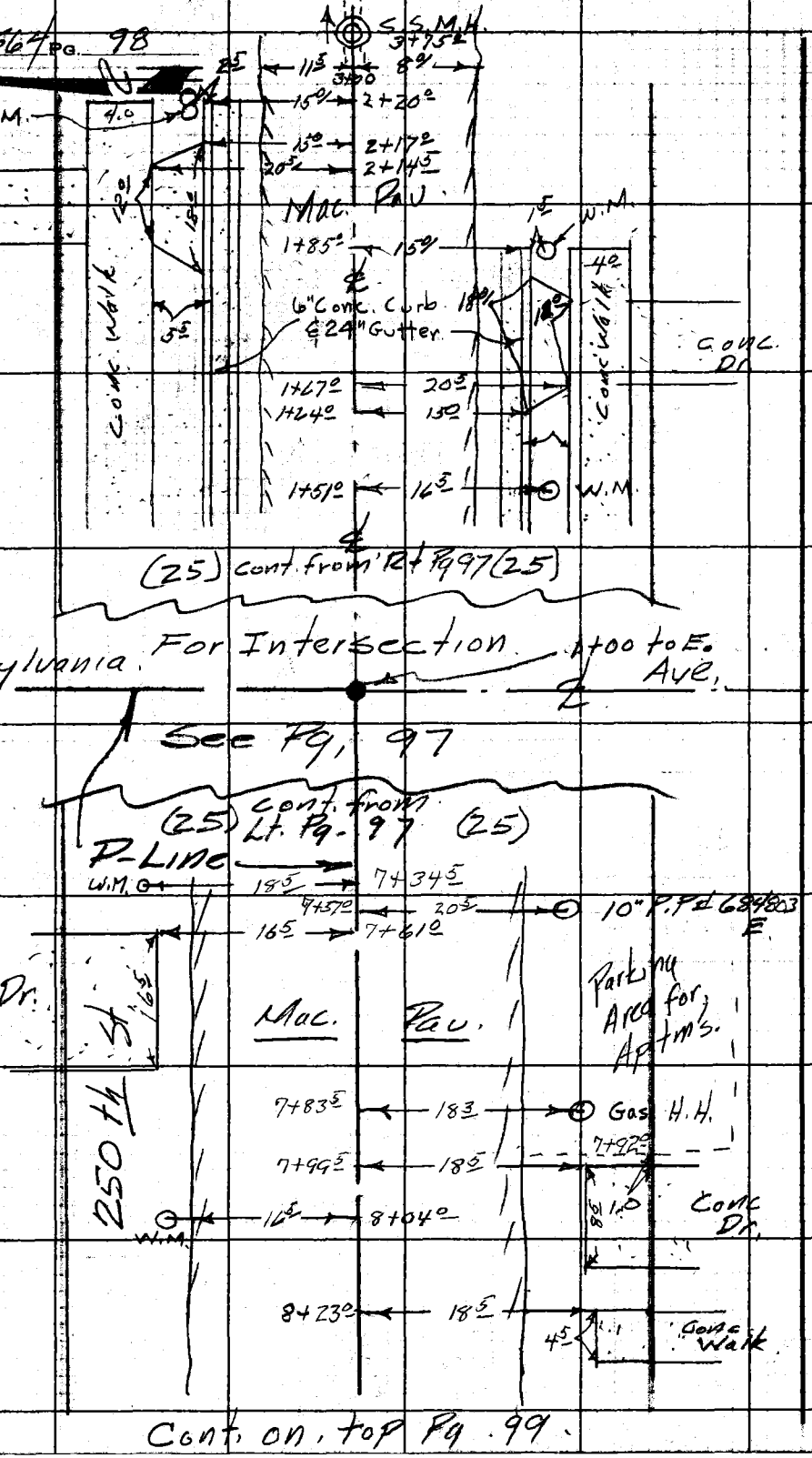
Notes: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

783028 CE #247—7-58

F. B. 2564 PG. 98



Cont. on top Pg. 99.

RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

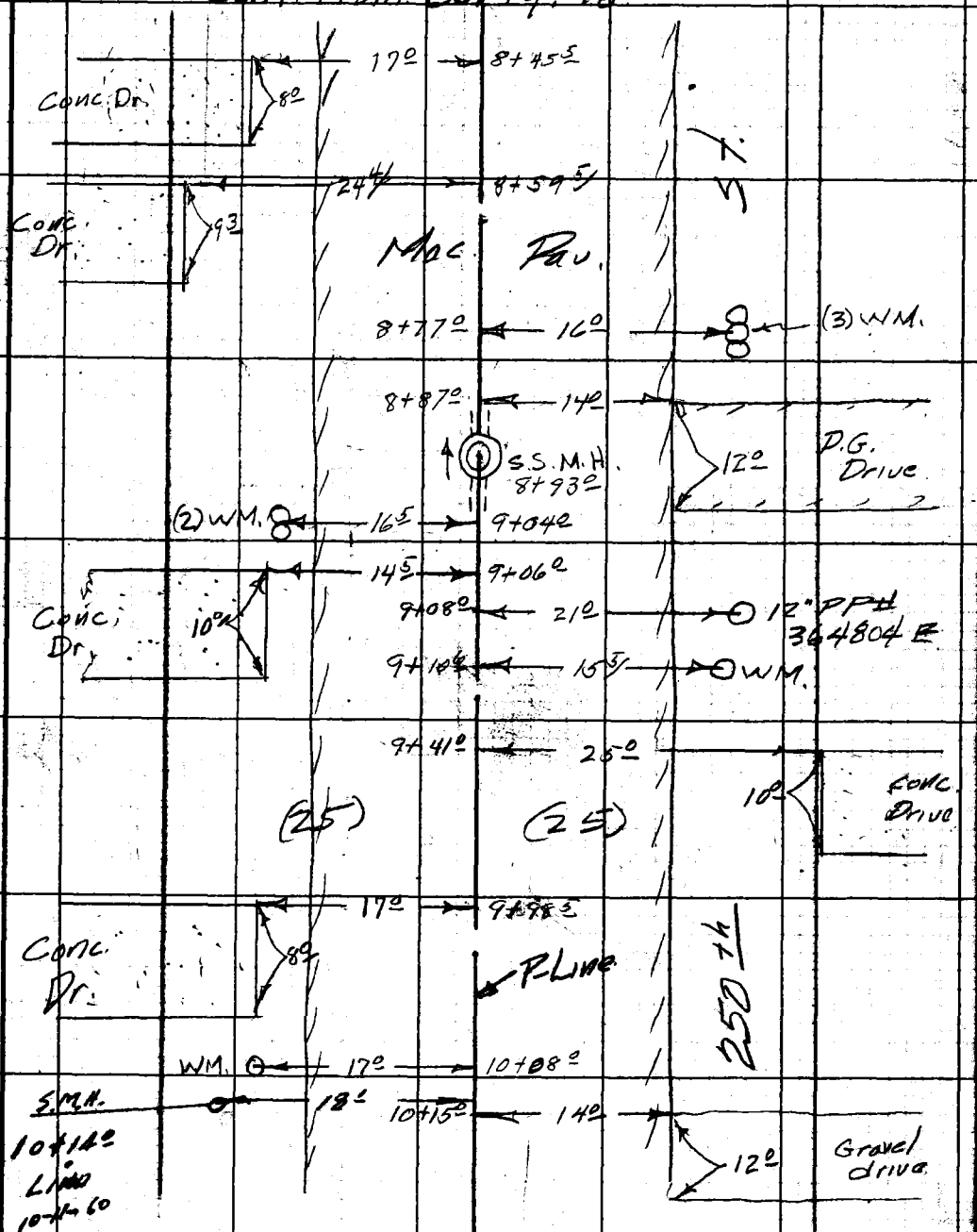
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of So Torrance S.D.
Map No.	JN 6254 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes JND Date 5-11-60
Date	Indexed C. Johnson

F. B. 2564 Pg. 99

Cont. from Bot. Pg. 98



Cont. on Top Pg. 100

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

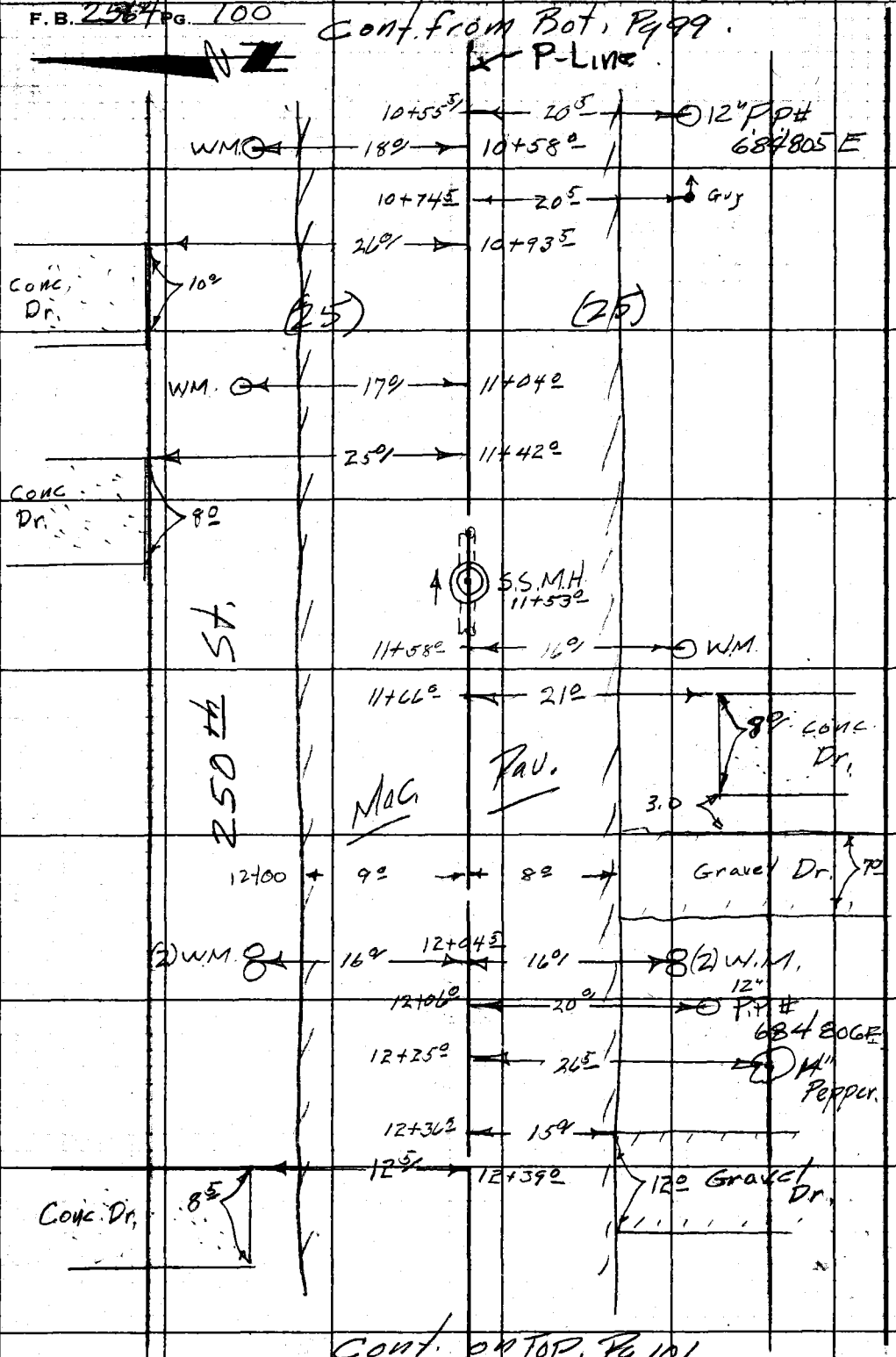
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-53

F.B. 2567 PG. 100

Cont. from Bot. Pg 99.



RETURN TO
LOS ANGELES COUNTY ENGINEER
900 Los Angeles County Engineering Bldg.

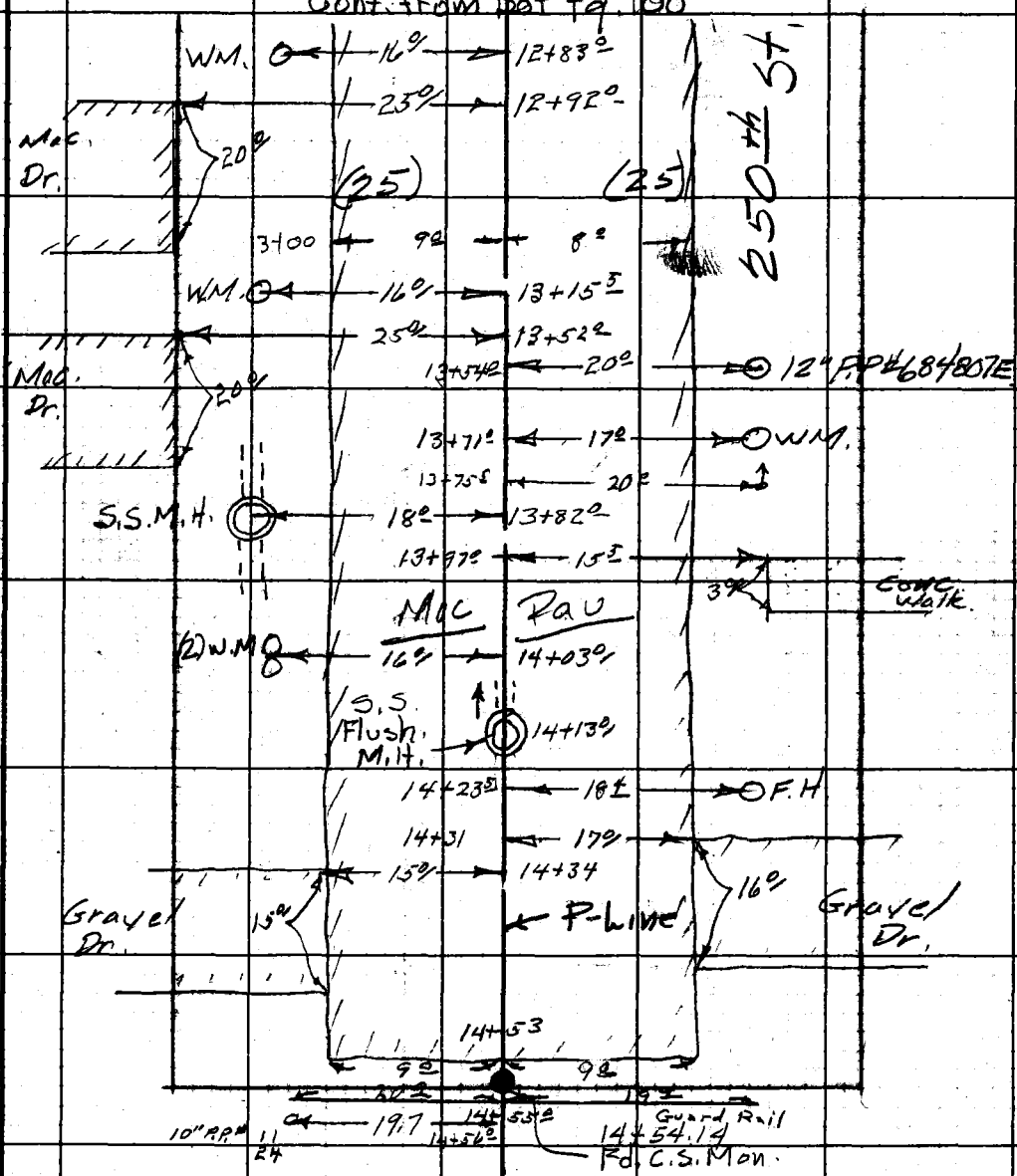
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of So Torrance S.D.
Map No.	JN 62540 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes IND. Date 5-11-60
Date	Indexed C. Johnson

F. B. 2564 Pg. 101

Cont. from Bot Pg. 100



Cont. on Rt. Pg. 102.

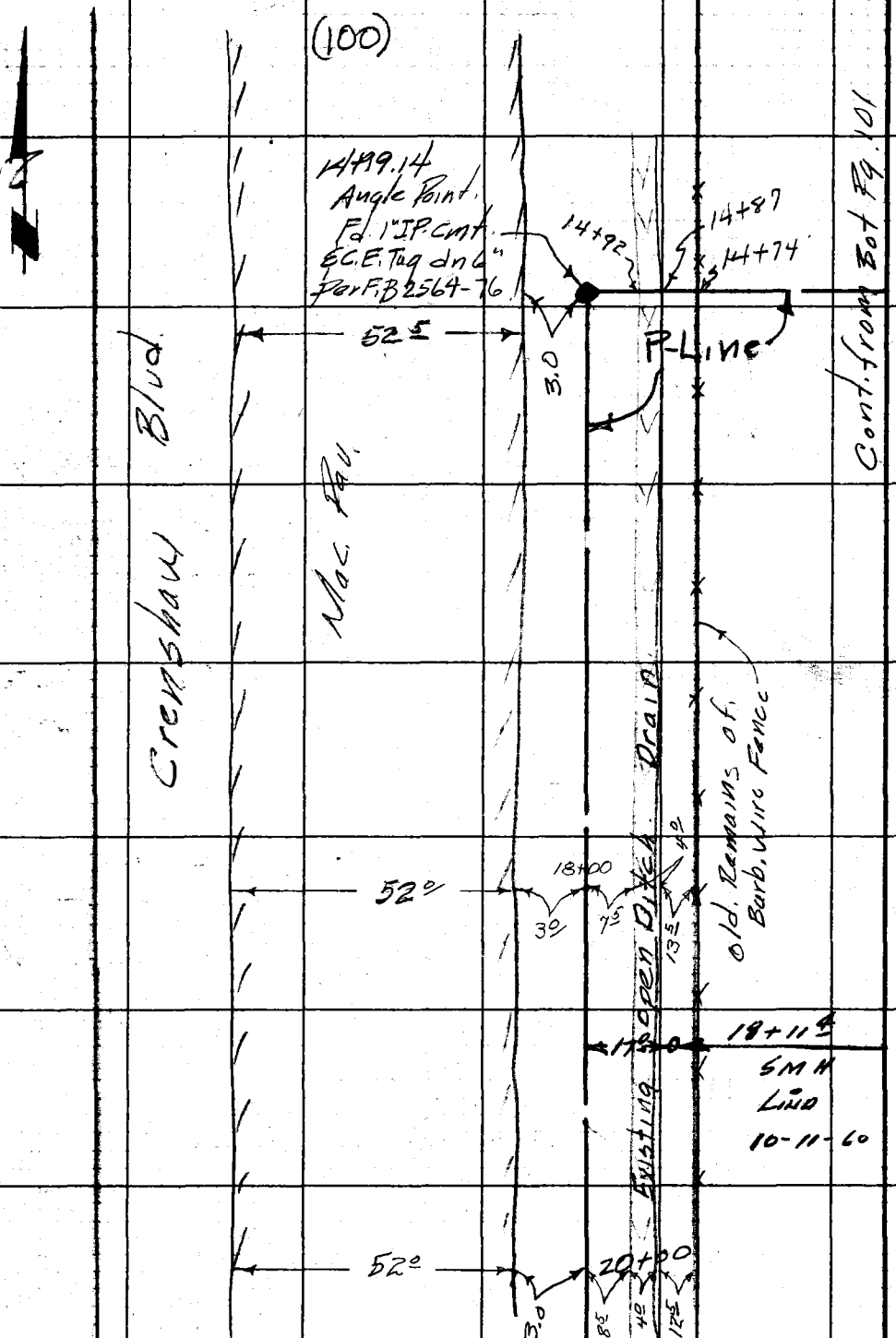
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-55

F. B. 2564 PG. 102.

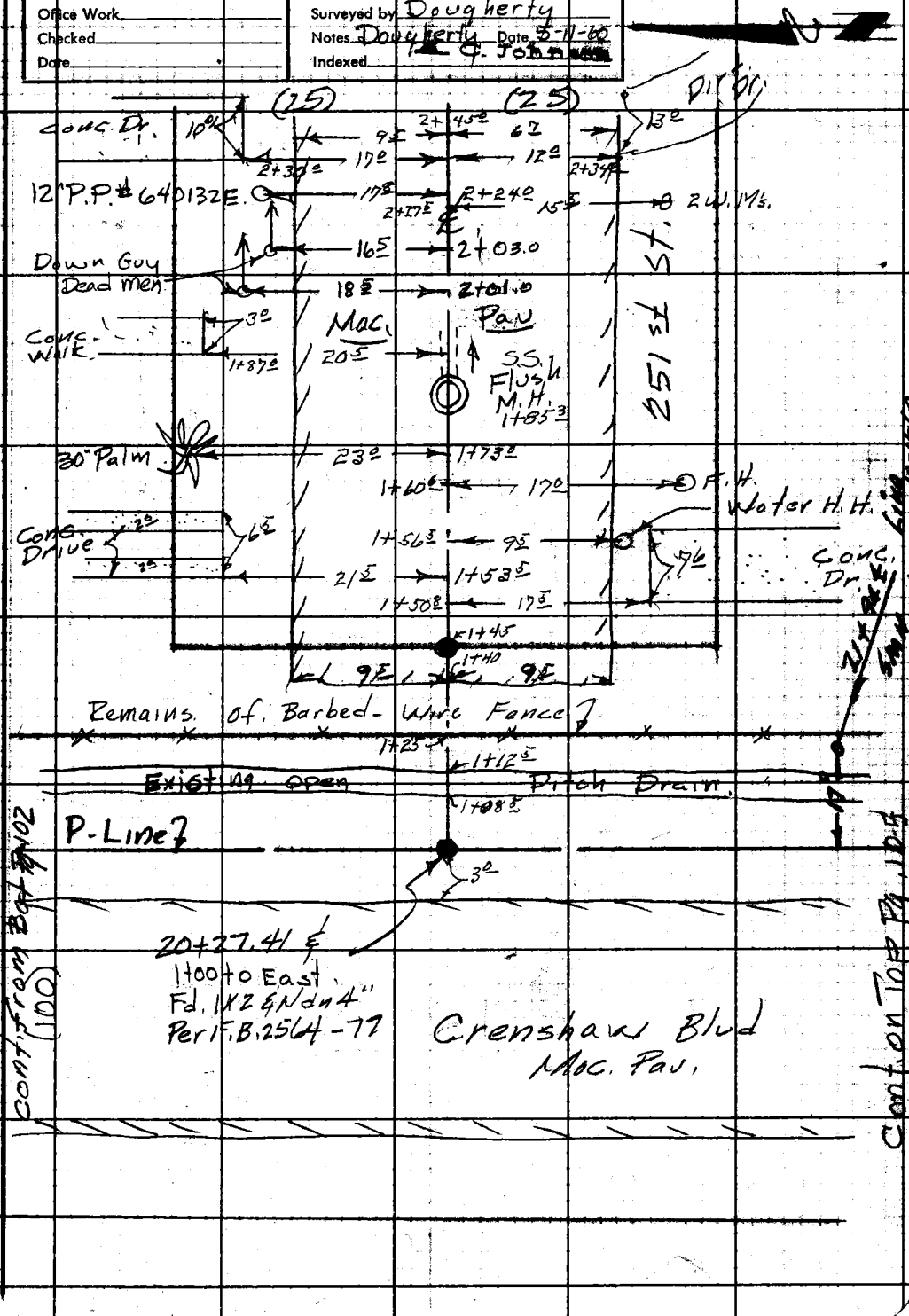


Cont. on Lt. Pg. 103.

RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of So Torrance S.P.
Map No.	JN 6254-00 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes Dougherty Date 5-11-60
Date	Indexed R. G. Johnson

F. B. 2564 PG. 103



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.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

769098 CE #247—7-53

F. B. 2564 PG. 104 Cont. from Rt. Pg. 103.

P-Line →

Void

See next Pg.

RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

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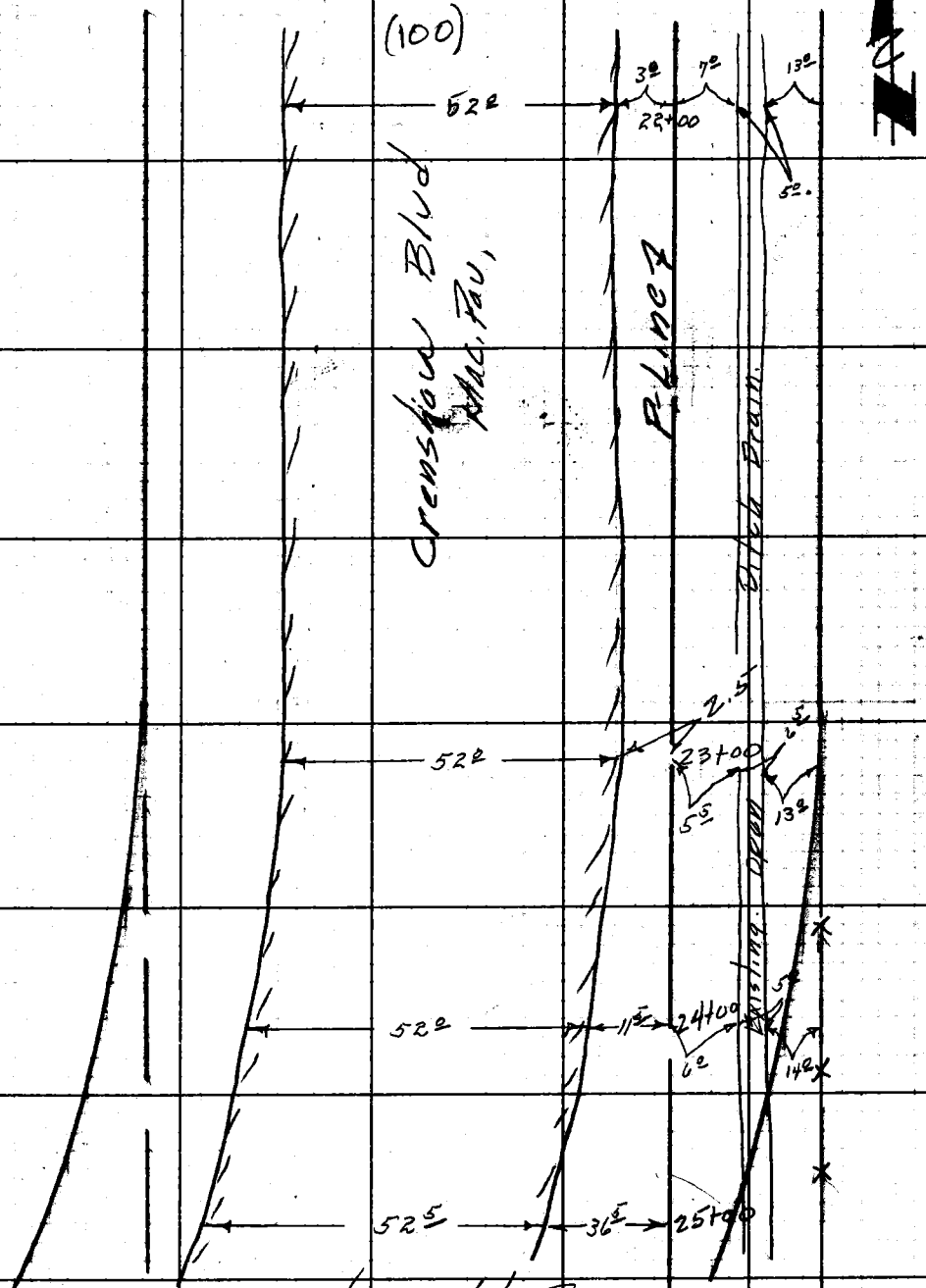
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change

Notes Ck'd by	Survey of So Torrance S.D.
Map No.	JN6254.00 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes JND Date 5-11-60
Date	Indexed C. Johnson

F. B. 2564 Pg. 105

Cont. from Rt. Pg. 103.



Cont. on Lt. Pg. 106.

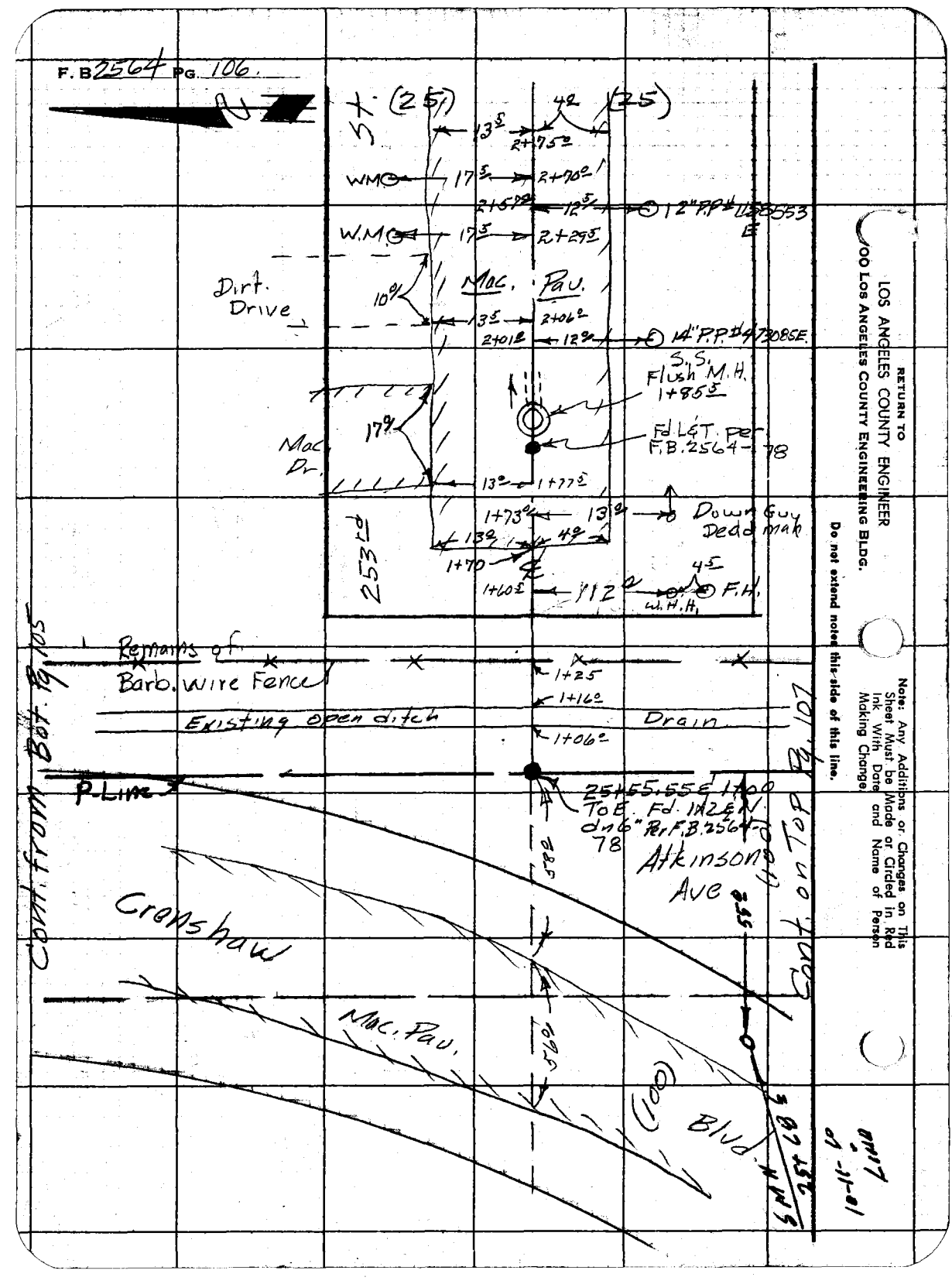
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

765C9S CE #247—7-55

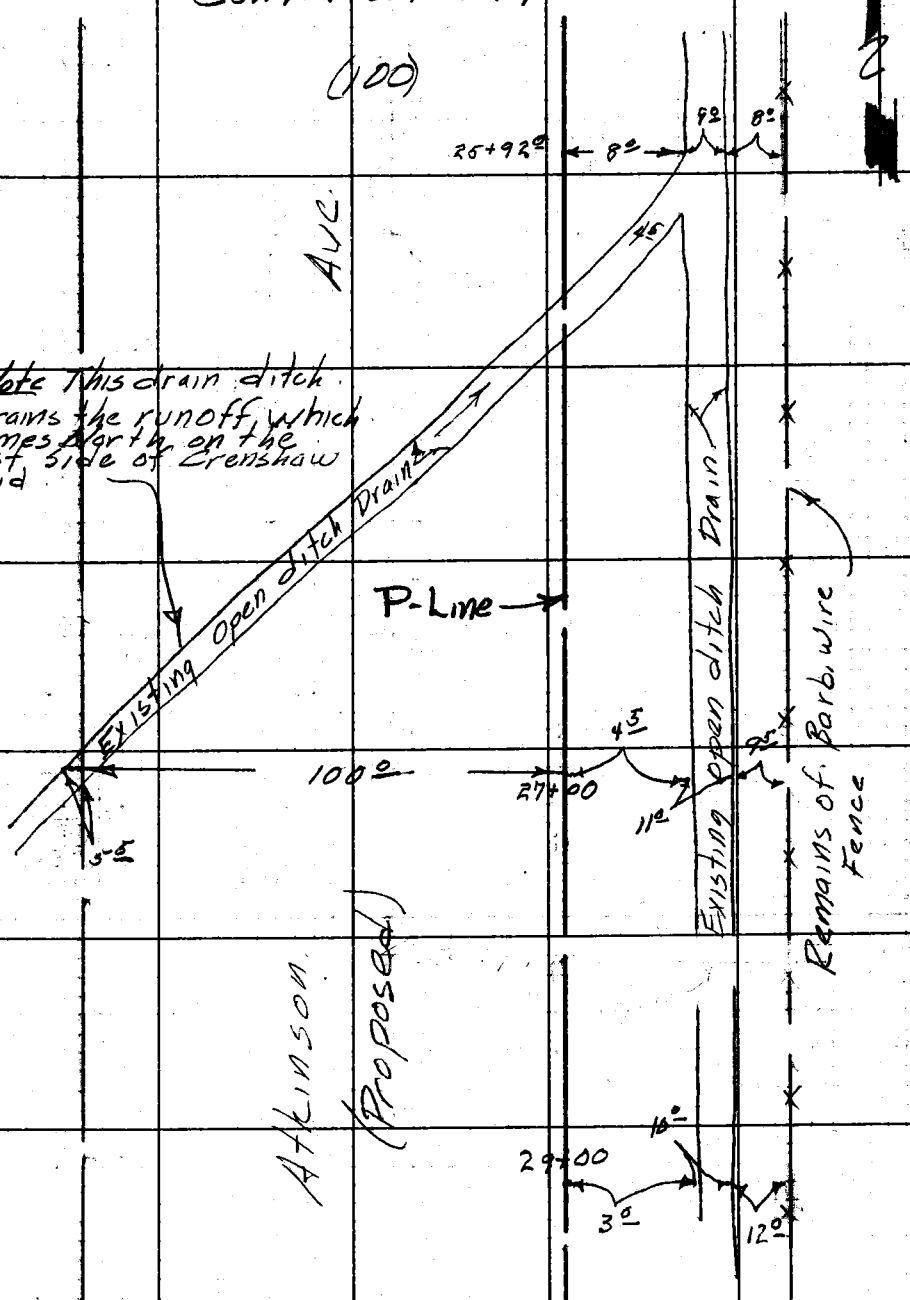
F. B 2564 PG. 106.



Notes Ck'd by	Survey of So Torrance S.D.
Map No.	JN 6254.00 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes JND Date 5-12-60
Date	Indexed C. Johnson

F. B. 2564 PG. 107

Cont. from Rt Pg. 106



Cont. on Lt. Pg. 108

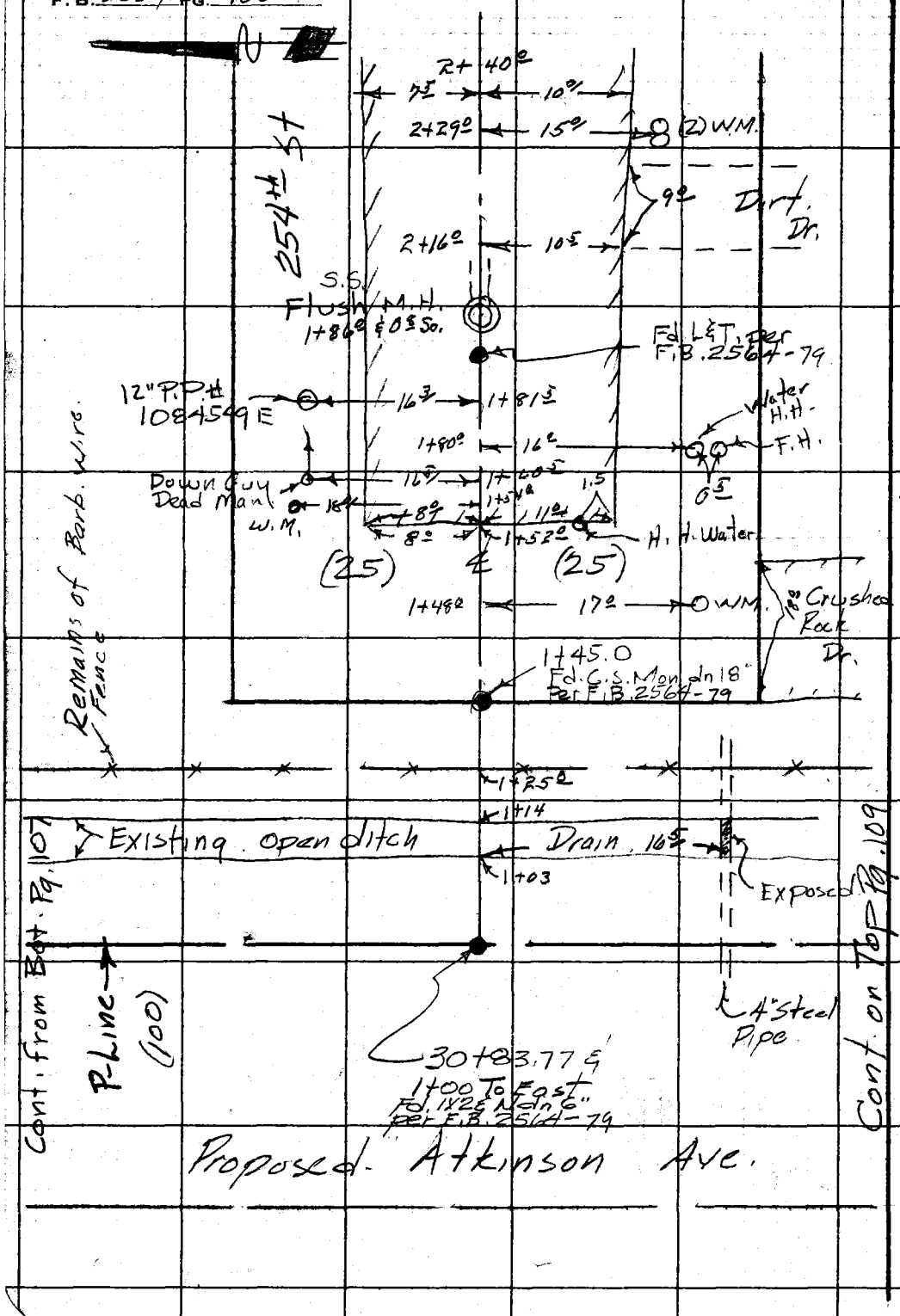
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F.B. 2564 PG. 108



RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

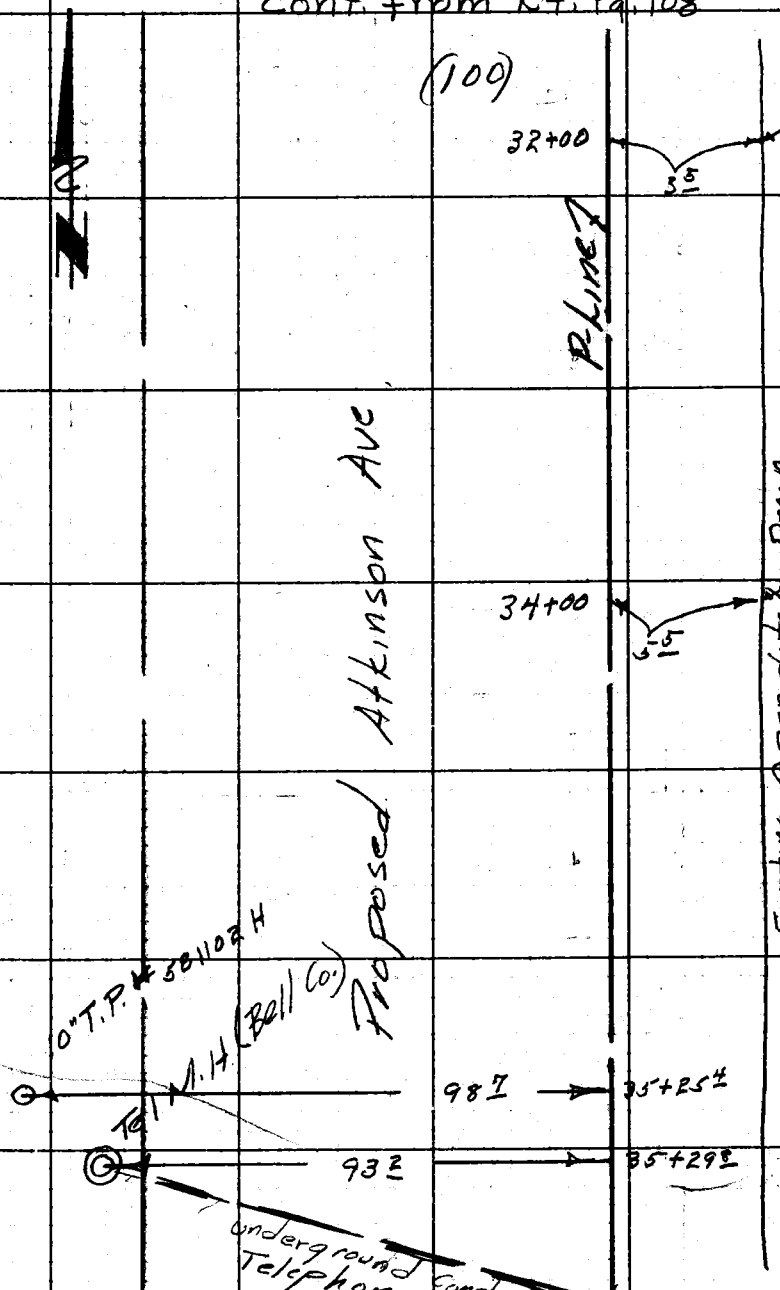
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of So Torrance S.D.
Map No.	JN 6254 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes J.N.D. Date 5-12-60
Date	Indexed C. Johnson

F. B. 2564 PG. 109

Cont. from Rt. Pg. 108



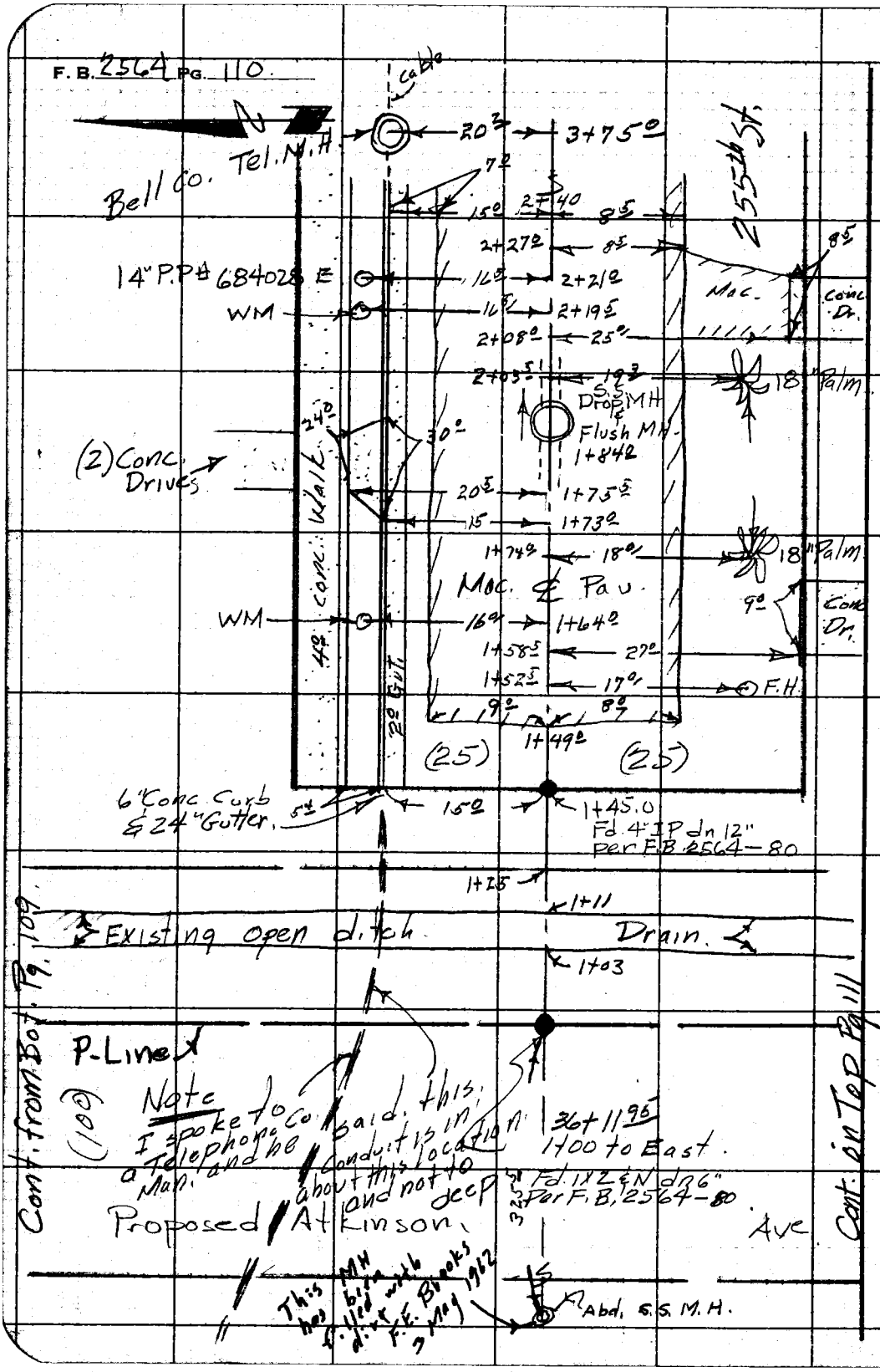
Cont. on Lt. Pg. 110

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.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

TRACES CE #247—7-55



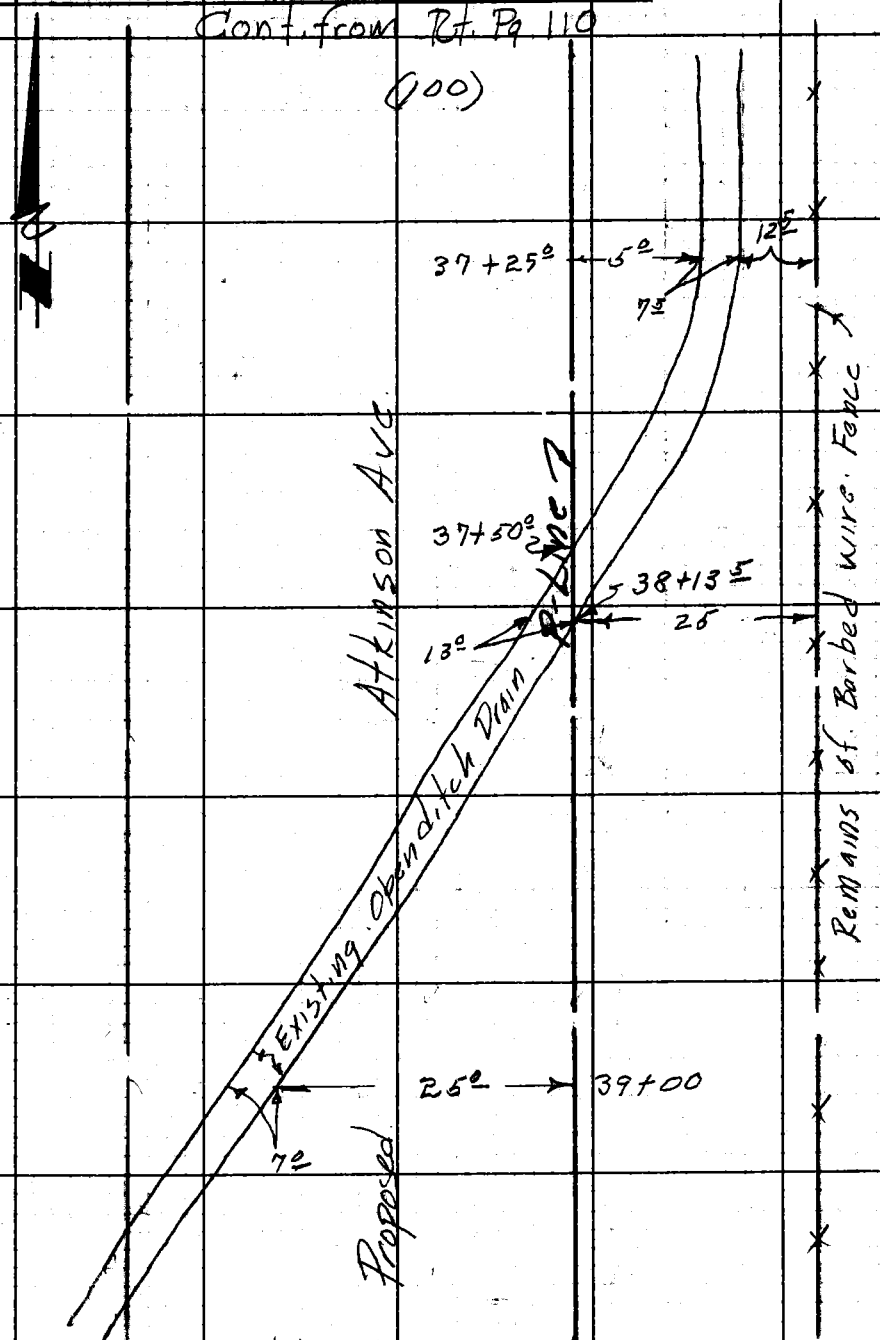
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of So Torrance S.D.	F. B. 2564 PG. 111
Map No.	JN 6254 Tape Std °F	
Office Work	Surveyed by Dougherty	
Checked	Notes JND. Date 5-12-60	
Date	Indexed C. Johnson	

Cont. from Rt. Pg 110



Cont. On Lt. Pg. 112

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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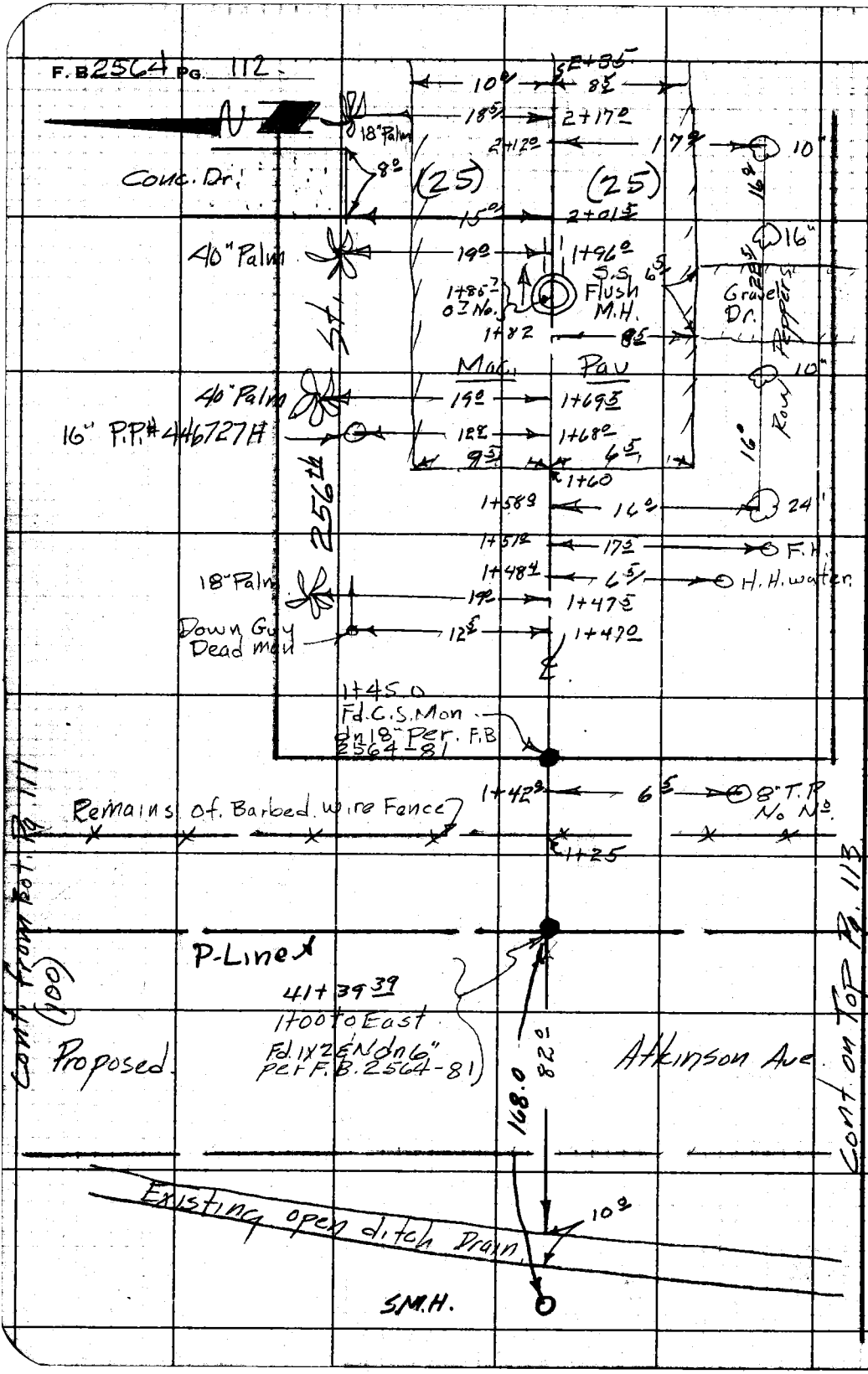
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-59

F. B 2564 PG. 112



RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

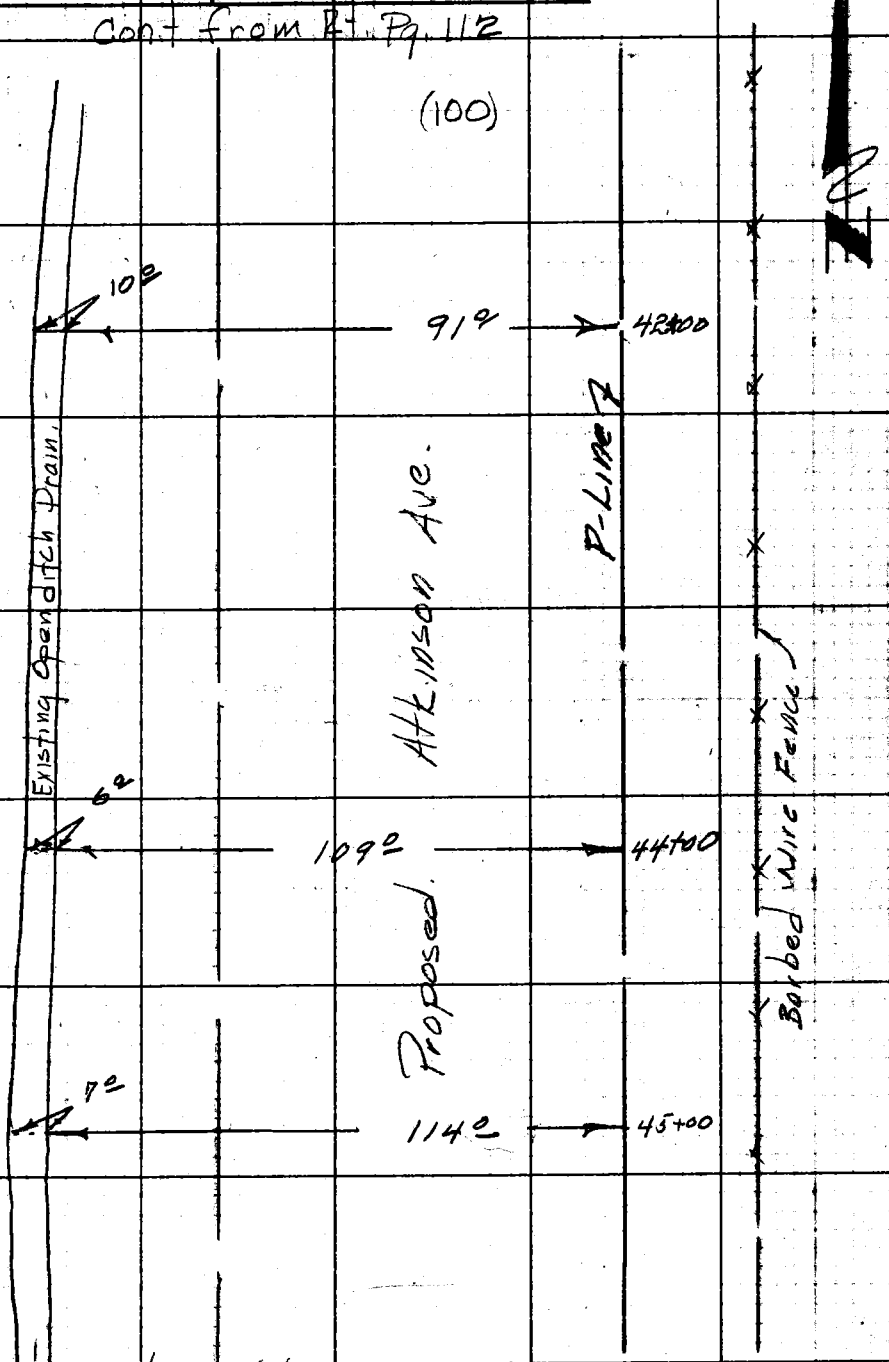
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of So Torrance S.D.
Map No.	JN 62540 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes JMD Date
Date	Indexed C. Jon[illegible]

F. B. 2564 PG. 113

Cont from Rt. Pg. 112



Cont. on Lt. Pg. 114

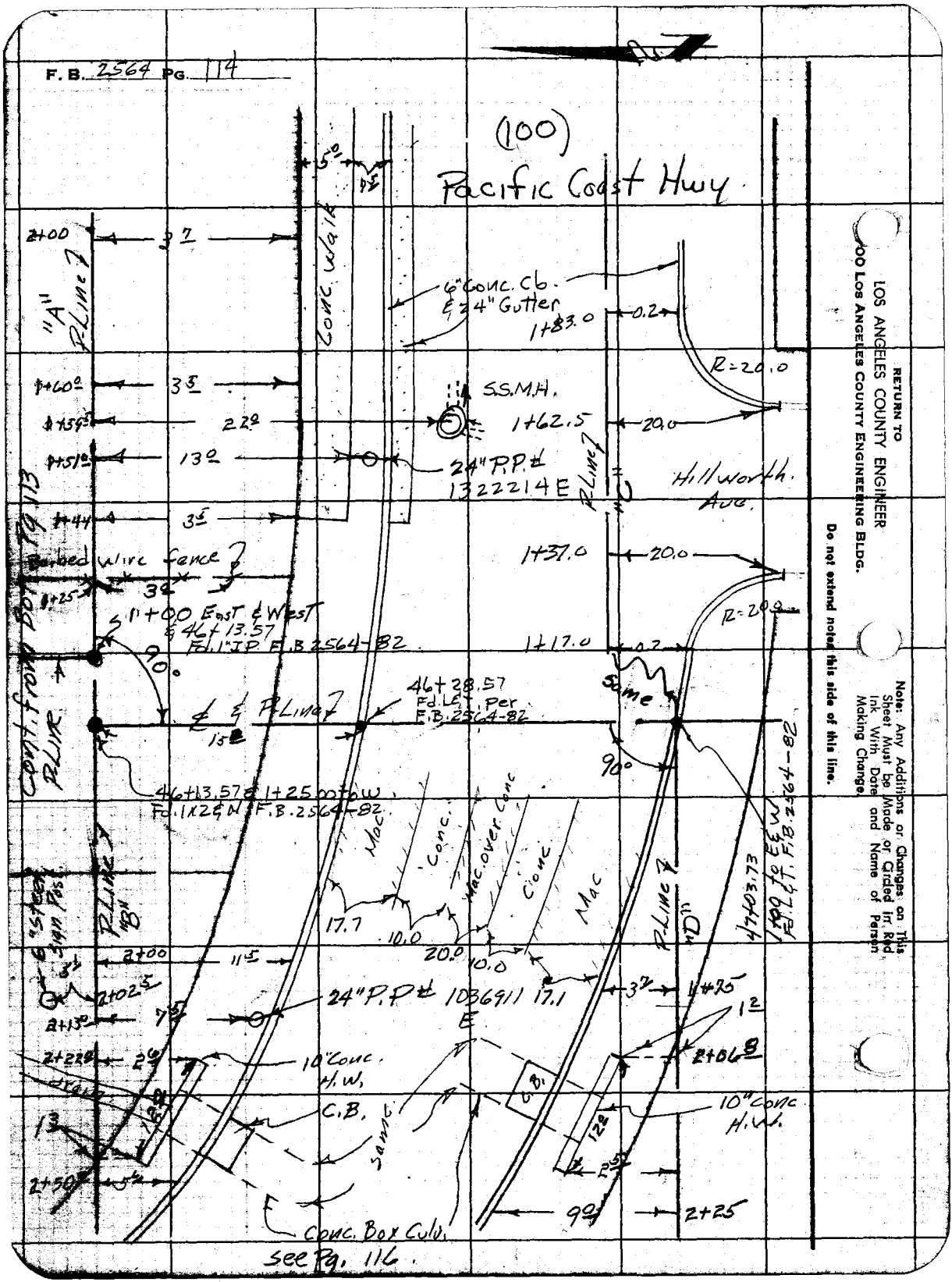
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

763098 CE #247—7-53

F. B. 2564 PG. 114



RETURN TO
LOS ANGELES COUNTY ENGINEER
00 Los Angeles County Engineering Bldg.

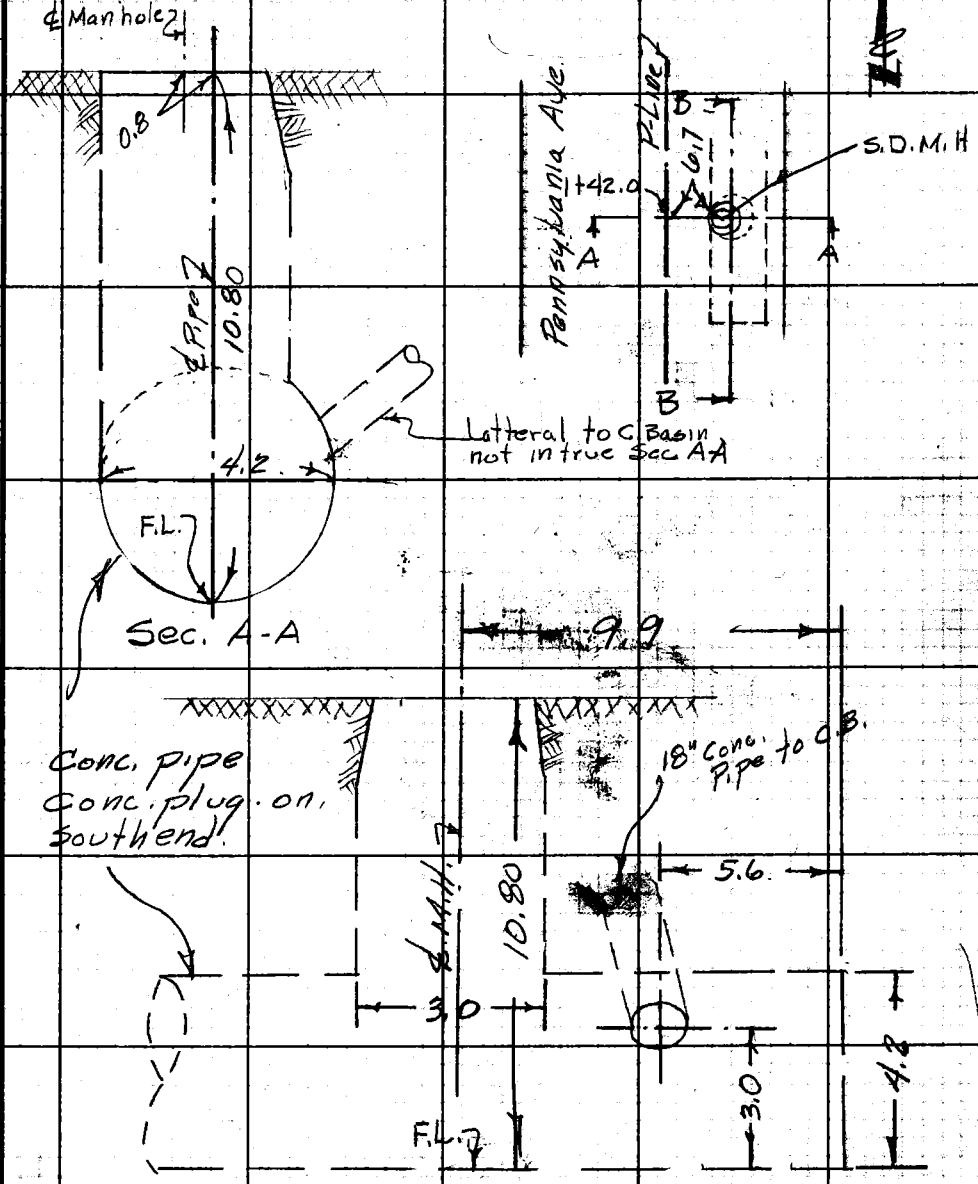
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of So Torrance S.D.
Map No.	JN 6254.0 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes JND Date 5-13-60
Date	Indexed

F. B. 2564 Pg. 115

Details of down stream structure into which proposed Drain will tie.



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

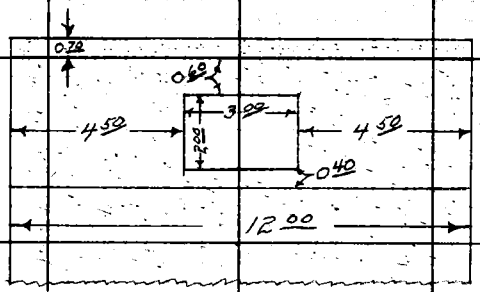
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

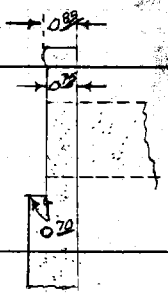
768095 CE #247—7-53

F.B. 2564 PG. 116

Details of Catch Basins on Pacific Coast Hwy.

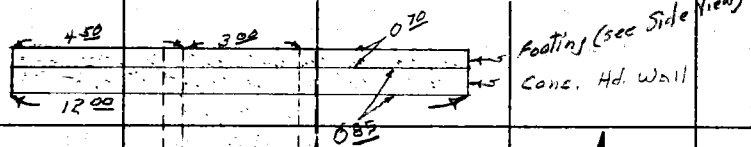


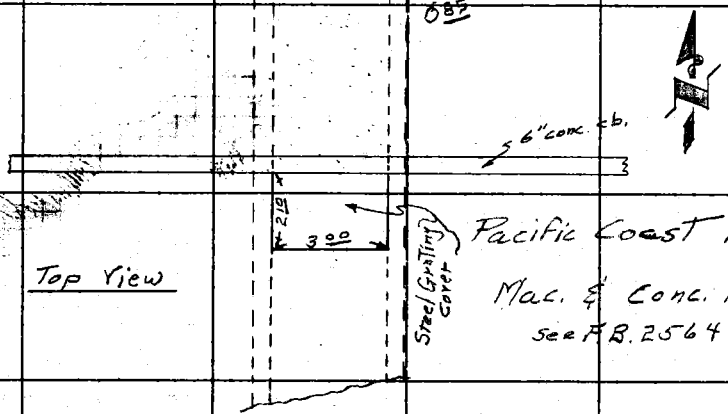
Front View



Side View

See pg. 114 for Location





Top View

Note:
The catch basin on the Southside of Pacific Coast Hwy is the same as the above.
For Location see F.B. 2564-114

RETURN TO
LOS ANGELES COUNTY ENGINEER
00 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Profile No.	Notes Red.	Plotted	Job No. 6254.00	Division No. 10	F. B. 2564 Pg. 127
	Date	Date	Survey of So Torrance S.D.		
X-Sec. No.	Notes Chkd.	Checked	Survey by JND	Notes JND Date 5-13-60	
	Date	Date	Map No.	Indexed C. Johnson 5-19-60	

J.N. 6254.00

South Torrance Storm Drain.
Profile & Cross-sections over proposed route; South on Pennsylvania Ave from 248th St to 250th, West on 250th to Crenshaw Blvd; South on Crenshaw Blvd & Atkinson Ave to Pacific Coast Hwy.

5-13-60

Dougherty
Newman
Sandoval
Adams.

Lenker Rd.

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

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	Pennsylvania Ave	
Fd. BM KE. 28				75 13	BM KE 28 Elev = 75.129 F.B. 2525-10 248th St & Pennsylvania Ave S.E. Cor. Cut spk in Cb. 2' E. of E.C.R.	
					Lt. ℄	Rt
1+29.5				75 41	℄	
				75 43		6'
				75 12		11' Ed. Gut.
				74 66		15' Gut.
				75 47		" T.C.
				76 10		25'
1+30.5				75 44	℄	
				75 48	6'	
				75 19	11' Edge Gut.	
				74 84	15' Gut	
				75 52	" T.C.	
				76 0	25'	
1+34.0				74 53		15' Gut. F.L. C.B.
				69 72		" F.L. Box Lat. to main Line.
1+50.0				74 63	15 ft. Gut. F.L. C.B.	
				70 11	" F.L. Box & Lat. to main Line.	
1+39.2				75 53	N. Rim.	℄ 75.53 − 7.13 = 68.40
S.S.M.H.				68 40	F.L. Inlet 8" Pipe	

F. B. 2564 Pg. 128
Survey of So. Torrance S.D.
Survey by Dougherty Notes VND
Indexed [illegible] Date
Job No. 6254.09 Division No. 10
Notes Red Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

76L-298 S & E #307—1-56

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Pennsylvania Ave (Cont.)

STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄ Rt
1+39.2	S.S.M.H.			75 57	So Rim	℄ 75.57
				68 36	F.L. outlet 8" Pipe	− 7.21
						68.36
1+42.0	S.D.M.H.			75 51	6.7 South Rim	75.51
				64 71	F.L. Existing S.D.	− 10 80
						64.71
1+50.5				75 27		11' Edge Gut
				74 98		15' Gut.
				75 59		" T.C
				76 6		25
1+51.5				75 40	11' Edge Gut.	
				75 09	15' Gut	
				75 70	" T.C.	
1+61.5				75 62	11' Edge Gut.	
				75 28	15' Gut	
				75 91	" T.C.	
1+67.0				75 61		11' Edge.
				75 30		15' Gut.
				75 92		" T.C.
1+ 67				74 99	15' Gut F.L. C.B.	
				72 32	" Bot Box F.L. outlet.	

602
3.70
.32

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 129
No. Date Date Survey of So Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by Dougherty Notes JNR Date 5-13-60
No. Date Date Map No. Indexed C. Johnson Date

76L-298 S & E #307—1-56

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F. B. 2564 Pg. 150 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance SD Date Date No. X-Sec.
Survey by JNB Notes JNB Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Pennsylvania Ave (Cont) Lt	℄	Rt
1+72				7496			15' Gut F.L.C.B.
				7224			" Bot Box FL outlet.
1+82.5				7596		℄	
				7593	6'		
				7581	11' Edge Gut.		
				7562	15' Gut.		
				7618	" T.C		
				765	25'		
1+88.0				7596		℄	
				7601			6'
				7564			11' Edge Gut.
				7543			15' Gut.
				7601			15' T.C
				766			25'
2+53.5				7659		℄	
				7649			7'
				7600			14' Ed. Pav
				771			17'
				772			25'
				7648	7'		

76L-298 S & E #307—1-56

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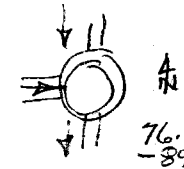
STATION	B. S.	H. I.	F. S.	ELEV.	Pennsylvania Ave (Cont.) Lt	℄	Rt
2+53.5				76 18	14' Edge, Pav.		
				76 9	18'		
				77 2	25'		
2+78.5	S.S.J.C.			76 76	N Rim M.H.	℄	76.76 − 8.92 = 67.84
				67 84	F.L. Inlet from North 8"		
				76 79	S. Rim M.H.		76.79 − 9.16 = 67.63
				67 63	F.L. Outlet 12" Pipe		
				76 79	W Rim M.H. (67.83 = F.L. Inlet on West 8" Pipe)		



76.79 − 8.96 = 67.83

248th St. West from Pennsylvania Ave 1+00 to W on ℄ 248th St. from 2+53.5 main Line ℄ Penn.

					248th St. Lt	℄	Rt
1+00 ℄ Intrs Penn. & 248th St.				76 78		℄ Int.	
1+15				76 48		℄, Cross Gut.	
1+25				76 77		℄.	
				76 59			7'
				76 27			14' E.P.
				77 2			17'
				77 2			25'

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 6254.00 Division No. 10 Survey of So Torrance S.D. Survey by Dougherty Notes JND Date 5-13-60 Map No. Indexed C. Johnson Date

F. B. 2564 Pg. 131

76L-298 S & E #307—1-56

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248th St Cont.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
1+45.0				7705		℄	
				7699	7'		
				7685	Ed. Gut. 13'		
				7671	Gut 15'		
				7733	T.C. 15'		
				776	25'		
1+85.0				7715		℄	
				7704		7'	
				7655			~~13'~~ E.P.
				770			16'
				771			25'
				7707	7'		
				7680	Ed. Gut. 13'		
				7667	Gut 15'		
				7735	T.C. W 7' 15'		
				775	25'		
1+25.0				7643			15' Gut.
				7710			" T.C.
				7681	15' Gut.		
				7748	15' T.C.		

F. B. 2564 Pg. 132 Job No. 625400 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No. X-Sec.
Survey by JND Date Notes Chkd. Checked
Indexed Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	248th st Cont.
					Lt ℄ Rt
2+75.0				7726	℄
				7702	7'
				7680	13' Edg. Gut.
				7660	15' Gut
				7722	15' T.C.
				7714	7'
				7687	E.P. 13'
				777	16'
				777	25
T.P.				7595	
3+61.4	SS.M.H.			7741	E. Rim SS.MH 77.41 − 8.93 68.48 ℄
				6848	F.L. Outlet 8" Pipe.
So. on Pannsylvania Ave on P-Line					
					Pannsylvania Ave (Cont)
					(East) Lt. ℄ Rt (West)
3+13.0				7705	℄
				7700	7'
				7672	15' Gut
				7726	15' T.C.
				776	25'

Profile Notes Red. ____ Plotted ____ Job No. 6254 Division No. 10 F. B. 2564 Pg. 133
No. ____ Date ____ Date ____ Survey of So Torrance S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by JND Notes JND Date 5-16-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson Date ____

76L-298 S & E #307—1-56

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F. B. 2564 Pg. 134 Job No. 6254.00 Division No. 10 Notes Red ____ Date ____ Plotted ____ Date ____ Profile No. ____
Survey of So. Torrance S.D. Notes Chkd ____ Date ____ Checked ____ Date ____ X-Sec. No. ____
Survey by JND Notes Dougherty
Indexed H. C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.	Pennsylvania Ave (Cont) Lt	℄	Rt.
3+13.0				7700		7'	
				7667	Ed. Pav. 14'		
				764	17'		
				773	19'		
				774	25'		
4+00				7780		℄	
				7773			7'
				7741			15' E. Pav
				783			25'
				7773		7'	
				7744	14'		
				781	25'		
Fd. BMT47				8052	BM #T47 Elev. = 80.542 F.B. 2525-11 Penn. Ave & 250th St NW Cor. Spk in NE Co of walk to House # 24919		
5+00				7876.		℄	
				7868			7'
				7836			13.5 Mac. Gut.
				7940			15' Top Mac.
				795			25'

cb

76L-298 S & E #307—1-56

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Pennsylvania Ave (cont.)

STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
5+00				7862	7'		
				7835	Mac. Gut 13.0		
				7930	Top Mac Curb. 14.0		
				794	25'		
5+38.0				7899		℄	
				7887	7'		
				7868	Ed. Gut. 13'		
				7857	Gut. 15'		
				7921	T.C. 15'		
				794	25'		
5+75.0				7930		℄	
				7920	7'		
				7905	E. Gut. 13'		
				7893	Gut. 15'		
				7959	T.C. 15'		
				7990	B.W. 25'		
6+03.72				7948		℄	
				7943		7'	
				7916			13' Mac. Gut
				8010			14' Top Mac. Curb

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 62540 Division No. 10 Survey of So Torrance S.D. Survey by WD Notes WD Date 5-16-60 Map No. Indexed C. Johnson Date

F. B. 2564 PG. 135

76L-298 S & E #307—1-56

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F. B. 2564 Pg. 136 Job No. 6254 Division No. 10 Notes Red ____ Plotted ____ Profile
Survey of So. Torrance S.D. Date ____ No. ____ X-Sec.
Survey by JND Notes Dougherty Notes Chkd. ____ Checked ____
Indexed C. Johnson Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	Pennsylvania Ave (Cont) Lt ℄ Rt
6+03.75				803	
6+10.7 SS	J.C.			7953	N. Rim M.H.
				6657	F.L. Intet fro N. 12" Pipe
				7953	S. Rim M.H.
				6651	F.L. Outlet 18" Pipe
				7953	W. Rim M.H.
				6661	F.L. Inlet from W 18" Pipe
6+28.5 SS	J.C.			7966	N. Rim M.H.
				6645	F.L. Inlet from N 18" Pipe
				7968	S. Rim M.H.
				6662	F.L. Intet form S. 10" Pipe
				7967	E. Rim M.H.
				6624	F.L. Outlet 18" Pipe
				7967	W Rim M.H.
				6657	F.L. Inlet from W. 8" Pipe
6+28.7				7968	℄ Int. Penn. Ave. & 250th st

see pages 181 to 183 for M.H. Info. KCM 7-19-62

79.53
-12.96
66.57

79.53
-13.02
66.51

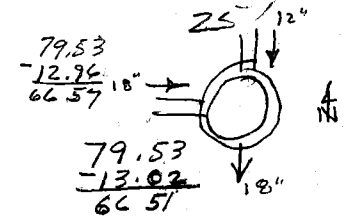
79.53
-12.92
66.61

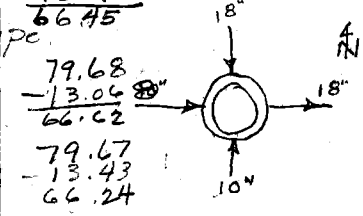
79.66
-13.21
66.45

79.68
-13.06
66.62

79.67
-13.43
66.24

79.67
-13.10
66.57





66 1003

Pennsylvania Ave So. from ℄ Int. of 250th st. Plus Cont. from North

6+53.7				7983	℄
				7978	7

76L-298 S & E #307—1-56

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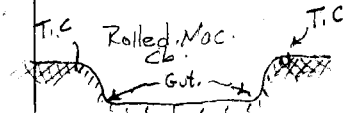
Pennsylvania Ave. (Cont) So. of 250th St.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt.	℄	Rt.
6+53.7				7952			13' Mac. Gut.
				8080			14' Top Mac Cb.
				805			25'
6+68.5				7996		℄	
				7980	7'		
				7968	E. Gut. 13'		
				7953	Gut 15'		
				8018	T.C. 15		
				8035	B.W 25'		
7+08.5				8035		℄	
				8027		7'	
				7987			13' Mac. Gut.
				8080			14' Top Mac. Rolled Cb
				809			25'
				8023	7'		
				7994	Mac. Gut. 14.5'		
				8090	T. Mac Rolled Cb. 15.5		
				810	25'		
8+08.				8113		℄	
				8099		7'	



Typical Sec. on Penn Ave.

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 137
No. Date Date Survey of So Torrance SD
X-Sec. Notes Chkd. Checked Survey by Dougherty Notes JND Date 5-16-60
No. Date Date Map No. Index C. Johnson Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	Pennsylvania Ave. (Cont) So. of 250th	
						℄
8+08					Lt	Rt.
				8073		13.5 Mac. Gut
				8200		15' T. Mac. Cb.
				816		25
				8110	7'	
				8086	Mac. Gut 13.5	
				8180	T. Mac. C. 8' No. 15.0	
				817	25	
8+95.5 SSM.H.				8196	N. Rim M. H.	81.96
				7248	F.L. outlet 10" Pipe	9.48
						72.48

10"

250th St. going east from ℄ Int. with Pennsylvania Ave.
1+00 To east, from ℄ Intrs.

					250th St.	
					Lt	℄ Rt.
1+00				7968		℄ Intrs.
1+15				7923		℄
1+50				7973		℄
				7961		7.5 E. Mac. Pav.
				7936		13' E. Gut.
				7923		15' T.C.

F. B. 2564 Pg. 138 Job No. 6254 Division No. 10 Notes Red. Plotted Profile
Survey of So. Torrance S.D. Date Date No. X-Sec.
Survey by Dougherty Notes JND Notes Chkd. Checked
Indexed C. Johnson Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	250th St (cont) from Penn. Ave	
					Lt ℄	Rt
1+50				79 83		15' T.C.
				80 10		25' B.W.
				79 56	E. Pav. 11.5	
				79 25	E. Gut. 13'	
				79 11	Gut. 15'	
				79 76	2'E. T.C. 15'	
				79 99	B.W. 25	
1+ 85.0				79 59	℄	
				79 45		7.5 E.P.
				79 25		13' E. Gut.
				79 11		15' Gut.
				79 75		15 T.C.
				80 08		25' B.W.
2+20				78 94	E.P. 11.5	
				78 87	E. Gut. 13'	
				78 73	Gut. 15'	
				79 38	T.C. 15'	
				79 62	B.W. 25'	
2+ 20				79 20	℄	
3+ 75.0	S.S.M.H.			78 43	W.R.m.	

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 139
No. Date Date Survey of So Torrance S.P.
X-Sec. Notes Chkd. Checked Survey by JNP Notes JNP Date 5-16-60
No. Date Date Map No. Indexed Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	250th St. (cont.) East of Penn Ave	
2+75.0 S.S.M.H.				64 36	F.L. Inlet. 18" Pipe	78.43 − 14.07 = 64.36 18"
250th St. West from ℄ Int. of Pennsylvania Ave. on P-Line Plus Cont. from North.						
					250th St. Lt. ℄ Rt.	
6+42.7				79 34	℄	
6+53.7				79 85	℄	
				79 78		5
				79 59		11' E.P.
				796		19'
				804		25'
				7966	E.P. 8.5	
				795	13'	
				807	25'	
7+00 ⊙				8079	℄	
				8065		5'
				8026		11' E.P.
				801		15'
				808		25'

F. B. 2564 Pg. 140 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No.
Survey by Daugherty Notes JNP Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	250th St (Cont) Lt	℄	Rt
7+00				80 54	E.P. 8'		
				80 1	10'		
				81 3	25'		
8+00				81 46		℄	
				81 30			5'
				80 87			11.5 E.P.
				80 7			20'
				81 2			25'
				81 26	E.P. 8.5		
				80 9	12'		
				82 0	25'		
8+93 S.S.M.H.				81 72	E. Rim		
				71 65	F.L. outlet 8" Pipe		
				81 72	W Rim (71.75 F.L. Inlet 8" Pipe)		
9+00				81 74		℄	
				81 62			5'
				81 34			11.5 E.P.
				81 3			25'
				81 53	8.5		
				81 4	13'		

81.72
10.07
71 65

81.72
9.97
71 75

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 141
No. Date Date Survey of So Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by Dougherty Notes JACD Date 5-16-60
No. Date Date Map No. Indexed C. Johnson Date

76L-298 S & E #307—1-56

PLEASE RETURN TO
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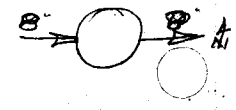
STATION	B. S.	H. I.	F. S.	ELEV.	250th st (cont.) Lt	℄	Rt
9+00				819	25'		
10+00				8204		℄	
				8195			6'
				8157			11.5 E.P.
				812			13'
				815			25'
				8188	E.P. 8.5		
				819	25'		
Fd. BM. S.D. 2201				8220	BM S.D. 2201 Elev = 82,202 F.B. 2525-11 250th st. 368' W. of Penn. Ave. Bt. spk in Cb. near P/L @ E. Side of Dr. to House # 2435		
11+00				8243		℄	
				8233			6'
				8203			11.5 E.P.
				824			25'
				8220	E.P. 8.5		
				823	25'		
11+53.0 S.S.M.H.				8259	E.R.m.		82.59 − 9.70 = 72.89
				7289	F.L. Outlet 8" Pipe		
				8261	W.R.m.		



F. B. 2564 Pg. 142
Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No. X-Sec.
Survey by Daugherty Notes Checked
Indexed C. Johnson Date Date No.

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	250th St. (Cont) Lt	℄	Rt
11+53.0	S.S.M.H.			73 00	F.L. Inlet 8" Pipe		82.61 − 9.61 = 73.00
12+00				82 62		℄	
				82 59			6'
				82 46			11.5 E.P.
				82 5			25'
				82 43	E.P. 8.5		
				83 4	25'		
13 +00				83 16		℄	
				83 12			5'
				82 91			9.0' E.P.
				83 0			25'
				83 15	4'		
				82 98	E.P. 8'		
				82 7	12'		
				83 2	25'		
13+82.0	S.S.M.H.			83 39	Rt. 18.0 E.R.M.		83.39 − 10.54 = 72.85
				72 85	F.L. Outlet 18" Pipe		18" → ⊙ → 18" N
				83 38	" " W.R.M.		83.38 − 10.48 = 72.90
				72 90	F.L. Inlet 18" Pipe		

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 6254.00 Division No. 10 Survey of So. Torrance S.D. Survey by JND Notes JND Date 5-16-60 Map No. Indexed by C. Johnson Date

F. B. 2564 Pg. 143

76L-295 S & E #307—1-56

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

Do not extend notes this side of this line.

F. B. 2564 Pg. 144 Job No. 62254.00 Division No. 10 Notes Red. ____ Plotted ____ Profile ____
Survey of So Torrance Storm Drain Date ____ No. ____ X-Sec. ____
Survey by Dougherty & Notes JNT Notes Chkd. ____ Checked ____
Indexed J. C. Johnson Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	250th st. (Cont) Lt	℄	Rt.
14+00				8367		℄	
				8356			4.5
				8332			9' E.P.
				837			25'
				8366	4.5		
				8350	E.P. 9.0'		
				839	25'		
Fd. BM. T-31				8372	BM T-31 Elev. 83.731, F.B 2525-11 250th & Crenshaw Blvd (E side) chs. □ in NW Rim S.S. MH. in Front of House # 2477		
14+13.0	Flush S.S.M.H.			8371	E. Rim.	℄	83.71
				7430	F.L. Outlet 8" Pipe.		9.41 / 74.30 ○ → 8" N
14+53.				8384		℄	
				8374			4'
				8371			9' E.P.
				837			25'
				8390		4'	
				8398	E.P. 9'		
				843	25'		

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
14+99.14				832	Ground, ℄ Intrs & P-L to So.	
South on P-Line from Dist. Rt & Lt. will be shown off P-Line not ℄ Crenshaw Blvd.				25ft. North of Intrs. ℄ 250th St & P-Line to South		
					Crenshaw Blvd (P-Line) to So.	
					(East) Lt	Rt (West)
14+74.14				829		P-Line Prod to N.
				8320		3' Ed. Pav.
				8359		13'
				8374		25' ℄
				8363		37'
				8324		51' E.P.
				8334		55'
				844		75'
				828	7.5'	
				811	8.5'	
				811	10.5'	
				828	12.0'	
				844	18.0'	
				845	25'	
				837	28'	

Profile Notes Red. Plotted Job No. 6254 Division No. 10 F. B. 2564 Pg. 145
No. X-Sec. Date Date Survey of So Torrance SD
No. Notes Chkd. Checked Survey by NP Notes NP Date 5-16-60
Date Date Map No. Indexed C. J.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Crenshaw Blvd (Cont) P-Line. Lt	℄	Rt
16+00				842		P-Line.	
				8431			3' E.P.
				8475			13'
				8491			25' ℄.
				8479			37'
				8429			50'
				8460			52' E.P.
				854			75'
				840		7'	
				817	8.5		
				818	11.0		
				840	13.0		
				854	18.0		
				848	25'		
17+00				851		P-Line	
				8520			3' EP.
				8561			13'
				8580			25' ℄
				8568			37'
				8522			50'

F. B. 2564 Pg. 146 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No. X-Sec.
Survey by Dougherty Notes J.N.D. Notes Chkd. Checked
Indexed O. Johnson Date Date Date No.

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 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.	Crenshaw Blvd (cont) P-Line Lt	℄	Rt
17+00				8560			52' E.P.
				869			75'
				849		6'	
				826		8'	
				826		10'	
				847		12'	
				863		17'	
				866		25'	
18+00				8626		P-Line	
				8625			3' E.P.
				8676			13'
				8685			25' ℄
				8679			37'
				8606			50'
				8680			52' E.P.
				881			75'
				859		7'	
				848		8.5	
				847		11.0	
				856		12.5	

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 147
No. Date Date Survey of So Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by JND Notes JND Date 5-16-60
No. Date Date Map No. Inspected C. Johnson Date

76L-298 S & E #307—1-56

PLEASE RETURN TO
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Do not extend notes this side of this line.

F. B. 2564 Pg. 148 Job No. 625400 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No. X-Sec.
Survey by Dougherty Notes LND Notes Chkd. Checked
Indexed C. Johnson Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Crenshaw Blvd (Cont) P-Line Lt	℄	Rt.
18+00				872	17'		
				873	25'		
19+00				875		P-Line	
				8759			3' E.P.
				8810			13'
				8826			25' ℄
				8814			37'
				8763			50'
				8820			52' E.P
				894			75'
				872		7'	
				851		9'	
				850		11'	
				868		125'	
				886		18'	
				888		25'	
20+00				889		P-Line	
				8900			3' E.P.
				8947			13'
				8962			25' ℄

76L-298 S & E #307—1-56

PLEASE RETURN TO
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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Crenshaw Blvd. (Cont.). P-Line
					Lt P-Line Rt
20+00				89 49	37'
				88 98	50'
				893	52' E.P.
				906	75'
				886	7'
				867	10'
				887	13.5
				901	17.5
				904	25
20+27.41 Fd. SD. 2202				892.	P-Line & ℄ 251st St Intrs Gr.
				89.76	BM SD. 2202 Elev. 89.784 F.B. 2525-12 251st St. & Crenshaw Blvd. East side L&T in Conc. 0.3 ft. W of W Rim of S.S. M.H. in front of House #2477.
251st East from Intrs of P-Line & ℄ 251st St. Intrs. = 1+00 to East. 251st St.					
					Lt ℄ Rt
1+00				8920	Intrs.

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 149
No. Date Date Survey of So Torrance SD.
X-Sec. Notes Chkd. Checked Survey by Dougherty Notes JND Date 5-16-60
No. Date Date Map No. Index C. Johnson

76L-298 S & E #307—1-56

PLEASE RETURN TO
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Do not extend notes this side of this line.

F. B. 2564 Pg. 150 | Job No. 6254.00 | Division No. 10 | Notes Red. | Plotted | Profile
Survey of So. Torrance S.D. | Date | Date | No.
Survey by Douglas | Notes J.N.D. | Notes Chkd. | Checked | X-Sec.
Indexed C. Johnson | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	251st St. (Cont) Lt	℄	Rt
1+40				90 25		℄	
				90 31			4'
				90 34			9.5 E.P.
				90 4			25'
				90 24	4'		
				90 13	E.P. 9.5		
				90 2	25'		
1+85.3	Flush. S.S.M.H.			89.74	E. Rim.	℄	
2+40				89 20		℄	
				89 15			4'
				89 06			7.0 E.P.
				89 2.			25
				89 18	4'		
				89 08	9.5 E.P.		
				89 1	25		

South on Crenshaw Blvd. P-Line.

Crenshaw Blvd (Cont) P-Line.

					Lt	P-Line	Rt
21+00				90 30		P-Line.	

76L-298 S & E #307—1-56

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700 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.	Crenshaw Blvd (Cont.) P-Line. Lt.	P-Line. Rt
21+00				90 35		3' E.P.
				90 78		13'
				90 96		25℄
				90 87		37'
				90 36		50'
				90 70		52' E.P.
				91 2		62'
				92 4		65'
				92 4		75'
				89 6	8'	
				89 0	9.5'	
				89 6	13'	
				92 1	20'	
				91 1	25'	
22+00				91 91		P-Line.
				92 12		3' E.P.
				92 44		13'
				92 40		25℄
				92 23		37'
				91 65		50'

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 151
No. X-Sec. Date Date Survey of So Torrance S.D.
Notes Chkd. Checked Survey by Daugherty Notes JND. Date 5-16-60
No. Date Date Map No. Indexed C. Johnson Date

76L-298 S & E #307—1-56

PLEASE RETURN TO
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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Crenshaw Blvd (Cont) P-Line	
					Lt P-Line	Rt
22+00				9180		52' E.P.
				924		62'
				934		65'
				933		75'
				911	8.5	
				892	9.5	
				908	10.5	
				933	16.5	
				927	25'	
Fd. BM. S.D. 2203				9679	BMSD2203 Elev: 96.780 F.B. 2525-12. 253rd St E. of Crenshaw Blvd. L&T in Conc 0.3 W of w/ Rim of SS M.H. in front of House # 2477	
23+00				937	P-Line	
				9398		3' E.P.
				9413		13'
				9373		25' ℄
				9336		37'
				9266		50'
				9310		52'

F. B. 2564 Pg. 152 Job No. 6254.00 Division No. 10 Notes Red Plotted Profile
Survey of So Torrance SD Date Date No.
Survey by Dougherty Notes JND Notes Chkd Checked X-Sec.
Indexed [illegible] Date Date No.

76L-298 S & E #307—1-56

PLEASE RETURN TO
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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Crenshaw Blvd. - Atkinson Ave (Cont) P-Line Lt	P-Line	Rt
23+00				939			58'
				952			65'
				952			75'
				931	6'		
				927	10'		
				942	16'		
				940	25'		
24 +00				953		P-Line	
				9550		11' E.P.	
				9549		22'	
				9512		33' ℄	
				9474		44'	
				9391		60'	
				9430		63' E.P.	
				952		72'	
				960		75'	
				961		80'	
				941	5'		
				940	12'		
				953	15'		

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 153
No. Date Date Survey of So Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by Dougherty Notes JND Date 5-16-60
No. Date Date Map No. Indexed E. Johnson Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Atkinson Ave - Cranshaw Blvd. (Cont) P-Line	
					Lt	P-Line Rt
24+00				971	25'	
				950	30'	
25+00				970		P-Line
				968		26'
				965		32'
				9680		36' E.P.
				9681		46'
				9649		58' ℄
				9604		69'
				9519		86'
				9540		88' E.P.
				964		98'
				983		113'
				983		123'
				971	6'	
				949	8.5'	
				947	14'	
				959	19'	
				981	25'	
				962	30'	

F. B. 2564 Pg. 154
Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No. X-Sec.
Survey by ~~Notes~~ JND Notes Chkd. Checked
Indexed Date Date Date No.

76L-298 S & E #307—1-56

PLEASE RETURN TO
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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
East on ℄ 253rd St. from Inters of ℄ 253rd St & P-Line.						
1+00	going East					
					253rd St.	
					Lt ℄	Rt
1+00				972.	℄ Intrs	
1+45				976.	℄	
				980		25'
				971	25'	
1+70				9705	℄	
				9700		4' E.P.
				972.		25'
				9691	6'	
				9657	E.P. 13'	
				956.	25'	
2+70.				9546	℄	
				9540		4' E.P.
				956.		25'
				9544	6'	
				9526.	E.P. 13'	
				945	25'	
1+855	Flush SS M.H.			9670	E.Rim.	

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 155
No. X-Sec. Date Date Survey of So Torrance S.D.
No. Notes Chkd. Checked Survey by Daugherty Notes N.D. Date 5-16-60
Date Date Map No. Indexed C. John Date

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Atkinson Ave (Cont) P-Line	
South on P-Line along Atkinson Ave.						
					Lt	P-Line Rt
25+95				981		P-Line.
				987		62'
				978		68'
				9814		73' E.P.
				982	2'	
				960	6'	
				959	16'	
				993	25'	
				976	31'	
26+10				960		P-Line.
				963		6'
				982		9'
				994		69'
				980		76'
				9836		82 E.P.
				980	2'	
				960	7'	
				960	17'	
				997	25'	

F. B. 2564 Pg. 156 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No. X-Sec.
Survey by JND Notes JND Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Atkinson Ave (cont.) P-Line Lt.	P-L.	Rt.
26+10				980	31		
27+00				995		P-L.	
				1003			84'
				999			90' F.L. Drain.
				1003			97'
				1003			100'
				993		4'	
				963		7'	
				965		17'	
				1008		26'	
				988		31'	
28+00 ⊙				1009 3		P-Line	
				1016			100'
				1010		4'	
				964		10'	
				964		12'	
				1024		27'	
				1003		32'	
29 +00				1018		P-Line	
				1025			100'

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 157
No. Date Date Survey of So. Torrance SD.
X-Sec. Notes Chkd. Checked Survey by Dougherty Notes VND Date 5-17-60
No. Date Date Map No. Indexed X C. Johnson Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

F. B. 2564 Pg. 158
Survey of So Torrance S.D.
Survey by JND Notes JND
Indexed C. Johnson Date
Job No 625400 Division No. 10
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.	Atkinson Ave (Cont) P-Line	
					Lt P. Line	Rt
29+00				1017	2'	
				983	6'	
				988	10'	
				1031	25'	
				1015	30	
30+00				1030	P-Line	
				1044		100'
				1031	2'	
				986	8'	
				986	11'	
				1049	25'	
				1024	30'	
30+83.77				1034	℄ Intr. 254th St & P. Line Gr.	
31+00				1033	P-Line	
				1055		100'
				1034	3'	
				1041	Top 4" Rpe 5'	
				1003	5'	
				1003	12'	
				1024	14'	

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Atkinson Ave (Cont) P-Line Lt	P-Line	Rt
31+00				1055	23'		
				1034	30'		
℄ 254th St. from Said	East from Intrs.			Intrs.	℄ 254th St & P-Line	1+00 to East.	
						254th St	
1+00 ℄ Intrs				1034	Lt	℄	Rt
1+52				10346		℄	
				10356			5'
				10339			11' E.P.
				1035			25'
				10333	E.P. 8'		
				10333	10'		
				1037	13'		
				1018	25'		
1+86.0	S.S. M.H. (Flush)			10291	E Rim		
2+52				10191		℄	
				10173			11'
				1023			25'

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 159
No. Date Date Survey of So Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by Daugherty Notes VND Date 5-17-60
No. Date Date Map No. Indexed C. Johnson Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	254th St (Cont) Lt	℄	Rt
				101 71	8'		
				101 2	25'		
Fd. BM SD 2204				102 92	BM SD 2204 Elev 102.930		F.B. 2525-12

South on P-Line Atkinson Ave.

STATION	B. S.	H. I.	F. S.	ELEV.	Atkinson Ave (cont) Lt	P-Line	Rt
32+00				1047		P-Line	
				1060			100'
				1046	3'		
				1010	9'		
				1062	24'		
				1042	32'		
33+00				1056		P-Line	
				1067			100'
				1055	3'		
				1023	7'		
				1070	24'		
				1050	31'		

F. B. 2564 Pg. 160 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of SO Torrance S.D. Date Date No.
Survey by Daugherty Notes JND Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 161
No. Date Date Survey of So Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by JND Notes JND Date 5-17-60
No. Date Date Map No. Indexed C. Johnson Date

STATION	B. S.	H. I.	F. S.	ELEV.	Atkinson Ave (Cont) Lt	P-Line	Rt
34+00 ⊙				10669		P-Line	
				1076			100'
				1065	4'		
				1030	11'		
				1077	25'		
				1059	31'		
35+00				1071		P-Line	
				1085			100'
				1069	4'		
				1054	6'		
				1051	12'		
				1090	24'		
				1070	28'		
35+29.8	Tel M.H			10909	E Rim.		Rt. 93.2
36+00				1085		P-Line	
				1093			100'
				1088	2'		
				1068	5'		
				1065	10'		

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Atkinson, Ave Cont. Lt.	PLine Rt
36+00				1100	23'	
				1081	31'	
36+11.95 Fd. BM. SD. 2205				1090	℄ 255th Intrs. with P-Line Gr.	
				10793	SD. 2205 Elev 107.938 F.B. 2525-13 255th st. about 800 ft W. of Penn. Ave Copper nail in NW Rim S.S.M.H. in front of House # 2477	
36+11.95 S.S.M.H.				113 50	E Rim (not in service)	Rt. 325.5 ℄ Vac. 255th

℄ 255th St. East from Int. of said ℄ and P-Line. 1+00 to East from said Intrs.

					255th St. Lt	℄	Rt
1+00				1090		℄ Int.	
1+45.0				1084		℄	
				1083			25'
				10694	Ed. Gut. 13'		
				10677	Gut 15'		
				10742	T.C. 15'		

F. B. 2564 Pg. 162
Job No. 625400 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No. X-Sec.
Survey by Dougherty Notes JND Notes Chkd. Checked
Indexed C. Johnson Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	255th St. Lt	℄	Rt
1+45.0				107 66	B.W. 24.5		
1+59.0				108 22		℄	
				108 21			4'
				107 91			8' E.P.
				108 18	4'		
				107 94	E.P. 9'		
1+8 – 4.0	Flush & drop SS. M.H.			107 94	W Rim ℄ (102.44 F.L. Top Pipe 8" Inlet)	107.94 − 5.50 = 102.44	8" → ◎ → 8"
				99 27	F.L. Bot. 8" Pipe, Inlet	107.94 − 8.67 = 99.27	107.91 − 8.77 = 99.14
				107 91	E Rim ℄ (99.14 F.L. 8" outlet)		
2+05				107 79		℄	
				107 78			4'
				107 61			8' E.P.
				107 6			25'
				107 73	4'		
				107 53	E.P. 9'		
				107 04	E.G. 13'		
				106 85	G.Ut. 15'		
				107 50	T.C. 15'		
				107 65	B.W. 24.5		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 163
X-Sec. No. ____ Date ____ Date ____ Survey of So Torrance SD
Notes Chkd. ____ Checked ____ Survey by JND Notes JND Date 5-17-60
Date ____ Date ____ Map No. ____ Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	255th St Cont. Lt	℄	Rt
2+85				107 53		℄	
				107 57			4'
				107 49			8' E.P.
				108 6			25'
				107 48		4'	
				107 26	E.P. 9'		
				107 06	E.G. 13'		
				106 92	Gut 15'		
				107 55	T.C. 15'		
				107 75	B.W. 24.5		
3+75.0 Tel. M.H.				108 31	Lt. 20.2 W Rim.		
South on P-Line. on Atkinson Ave.							
					Atkinson Ave (Cont) Lt	P-Line	Rt
37+00				109 3		℄	
				109 9			100'
				109 3		1'	
				108 0		4'	

F. B. 2564 Pg. 164 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No. X-Sec.
Survey by Dougherty Notes UND Notes Chkd. Checked
Indexed A.C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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Atkinson Ave (Cont)

STATION	B. S.	H. I.	F. S.	ELEV.	Lt	P Line	Rt
39+00				108 0		12'	
				109 0		18'	
				111 9		24'	
				108 8		30'	
37+50				109 5			℄
37+78				108 0			℄
39+00				108 9			℄
				108 5			2'
				108 8			9'
				110 6			11'
				111 0			100'
				112 6		15'	
				110 4		19'	
				109 7		30'	
38+13.5				111 3			℄
T.P.				111 28			
39+00				111 3			℄
				111 2			24'
				109 4			29'
				111 0			33'

Profile Notes Red. ____ Plotted ____ Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 165
No. ____ Date ____ Date ____ Survey of So Torrance S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by JND Notes JND Date 5-17-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	ATKINSON Ave (Cont.) LT.	P-Line	Rt.
39+00				111 0			100'
				7		25'	
				111 2		30'	
40+00				112 8		℄	
				112 5			49'
				111 0			53'
				112 6			58'
				112 4			100'
				114 0		24'	
				113 3		27'	
41+00				114 5		℄	
				114 0			73'
				111 9			78'
				114 0			83'
				114 1			100'
				115 3		25'	
				114 8		28	
Fd. B.M. # SD 2206				116 09	B.M. # S.D. 2206 Elev. 116.095 F.B. 2525-13 256th St. About 800 ft. W. of Pennsylvania Ave. Bt. spk. in conc. 0.4 N. of N. Rim of Sewer M.H. in front of Hse. # 2476		

F. B. 2564 PG. 166 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No. X-Sec.
Survey by Dougherty Notes JMP Notes Chkd. Checked
Indexed M. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	S. S.	H. I.	F. S.	ELEV.		
East on ℄ 256th St. from Intrs of ℄ 256th St & P-Line						
1+00	going East			from Intrs		
					256 th St	
					Lt	℄ Rt
1+00				1154		℄ Int. Ground
1+45				1159		℄
				1160		25'
				1153	25'	
1+ 60				11593		℄
				11560		6.5' E.P.
				11582	4'	
				11573	E.P. 9.5'	
1+85.7	S.S. Flush	M.H.		11610	E.Rim.	
2+60				11723		℄
				11712		8.5' E.P.
				1175		25'
				11700	5'	
				11668	E.P. 10'	
				1161	25'	

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 62540 Survey of So Torrance S.D. Survey by JND Map No. Notes JND Date 5-17-60 Division No. 10 Index No. Date

F. B. 2564 Pg. 167

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
South on P-Line					Atkinson Ave (cont.)	
					Lt	P Line Rt
41+39.39				1154		Intrs. Ground
42+00				1164		P Line.
				1157		29'
				1165		78'
				1156		91'
				1145		96'
				1159		101'
				1164		112'
				1168	25'	
43+00 ⊙				11878		P Line
				1189		87'
				1169		99'
				1158		103'
				1172		107'
				1187		117'
				1187		125
				1190	25'	
44+00				1211		P Line
				1207		96'

F. B. 2564 Pg. 168
Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No.
Survey by JND Notes Dougherty Notes Chkd. Checked X-Sec.
Indexed ~~C. Johnson~~ Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	Atkinson Ave (cont) Lt	P-Line	Rt
44+00				1189			108'
				1176			113'
				1190			116'
				1205			126'
				1218	25'		
45+00				1230		P-Line	
				1229			102'
				1216			115'
				1210			118'
				1212			121'
				1228			132'
				1225			140'
				1234	25'		
46+00 ⊙				12550			
Fd. BM SD. 2207					BM SD2207- Elev. 127.727 F.B. 2525-14 Pacific Coast Hwy & Hillworth Ave. N. side Bt. spk in cb. 15' E of ℄ Prod.		
46+ 13.57				1265	P-Line. & 1+00 to E&W. Ground.		

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F. B. 2564 Pg. 169
No. Date Date Survey of So Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by Dougherty Notes JNT Date 5-18-60
No. Date Date Map No. Indexed C. Johnson

76L-298 S & E #307—1-56

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F. B. 2564 Pg. 170 Job No. 6254.00 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of So Torrance SD Date ____ No. ____ X-Sec. ____
Survey by JNP Notes JNP Notes Chkd ____ Checked ____
Indexed ____ Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
P-Line "A" Sta 46+13.57	(FB. 2564-114)		1+00	to East	from Intr. P-Line from N. (25' offset) @	
					Lt P-Line "A"	Rt
1+44				12791		3.5 B.W
				12775		16' T.C.
				12701		16' Gut.
				12723		18' E.G.t.
				12779		35'
				12796		45'
P-Line "B"	1+00	to West	from	46+13.57	Intrs. P-Line from North.	
					Lt P-Line "B"	Rt
1+00				1265		Intr. Ground.
1+25				1265		P-Line
				12693	T.C. 15'	
				12621	Gut. 15'	
				12726	33'	
				12739	43'	
2+16.				1262		P-Line.
2+19.				1246.		P-Line
2+22.				12597	Top H.W 2.6'	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P-Line "B" (Cont.)
					Lt. P-Line "B" Rt
2+28.				1238	P-Line. Ground.
				12269	F.L. Box 1.9
2+34				12597	Top H.W. 1.3
2+37.				1258	P-Line
2+28				12630	T.C. 9'
				12540	F.L. e.B. 9'
				12702	27'
				12735	37'

P-Line "C" East from 47+03.73 ℄ Prod from N. of Atkinson Ave. 1+00 to East.
See F.B. 2564-114

					Lt P-Line "C" Rt
1+00				12746	Intrs. T.C.
				12658	Gut.
				12732	17'
				12752	27'
1+17				12675	0.2 Gut.
				12757	0.2 T.C.
				1275	10'
1+37.0				12710	20' Gut
				12760	20' T.C.

Profile Notes Red. Plotted Job No. 6254.00 Division No. 10 F.B. 2564 Pg. 171
No. Date Date Survey of So Torrance S.D.
X-Sec. Notes Chkd. Checked Survey by Daugherty Notes JND Date 5-18-60
No. Date Date Map No. Index C. Job Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P-Line "C" (Cont.) Lt	P-Line "C" Rt.
1+62.5				127 14		20' Gut
				127 75		20' T.C.
1+83.0				127 11		0.2 Gut
				127 78		0.2 T.C.
				127 9		10'
				127 89	17'	
				128 07	27'	
1+00 P-Line "D" from Sta. 47+03.73 Intrs. of ℄ Prod from N Atkinson Ave.						
					Lt	P-Line "D" Rt
2+06.8				126 84		1.2 Top H.W.
2+13				123 56		1.8 F.L. Conc Box
				127 00		8' T.C.
				126 15		8' F.L. C.B.
				127 68		25'
				127 72		35'
2+19				126 76		2.5 T. Conc. H.W.
Fd. B.M. SD 2207				127 73	BM 2207 Elev. 127.727 F.B. 2525-14 See F.B. 2564-169.	

F. B. 2564 Pg. 172 Job No. 6254.00 Division No. 10 Notes Red. Plotted Profile
Survey of So Torrance S.D. Date Date No. X-Sec.
Survey by Daugherty Notes JND Notes Chkd. Checked
Indexed by C. Johnson Date Date Date No.

Profile No.	Notes Red	Plotted	Job No. 6254.00	Division No. 11	F.B. 2564 Pg. 177
	Date	Date	Survey of S. TORRANCE S.D. LINE		
X-Sec. No.	Notes Chkd. Miller	Checked	Survey by LINO	Notes LINO	Date 10-11-60
	Date Oct. 1960	Date	Map No.	Indexed	Date

JN. 6254.00

PROJECT # 540-A

SOUTH TORRANCE S.D.

ADDITIONAL S.M.H. INVERTS

ALONG LINE "A"

STATION	B.S.	H.I.	F.S.	ELEV.
				10-11-60
			LINO	
			CARO	
		OHASHI		
		MASUDA		

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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76L-298 CE 307 11-58

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV	250 th STREET	NORTH SIDE
BM T-31	4 29	88 02 ✓		83 73 ✓	BM T-31, EL= 83.73	, PER FB 2525-11
T.P.	4 36	86 96 ✓	5 42	82 60 ✓		
10 + 14°			5 41	81 55 ✓	S.M.H. AVER RIM	18' RT & NORTH OF ℄ 250 th STREET
SEEPG 99						
FOR TOPOG.			17 22	69 74 ✓	15" INLET WEST	INVERT
			17 35	69 61 ✓	15" OUTLET EAST	INVERT
					WEST	EAST
					ROD 5.41	5.41
					MEAS 10.56	10.69
					DIA 1.25	1.25
					17.22	17.35
					NOTE: TOP OF M.H. IS FLUSH WITH GROUND	
	5 52	87 94 ✓	[illegible]	82 42 ✓		
BM T-31			4 22	83 72 ✓	BM T-31 EL= 83.73	, PER F.B. 2525-11

F.B. 2564 Pg. 174 Job No. 6254.00 Division No. 11 Notes Red Plotted Profile
Survey of So. TORRANCE SW. Date Date No. X-Sec.
Survey by LIND Notes LIND Notes Chkd Miller Checked / Date No.
Indexed Date Date Oct 1960

CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	CRENSHAW BLVD & 251 ST STREET
BM SD 2202	474	94 52		89 78	BM SD. 2202 EL= 89.784 PER FB. 2525-12
21+94 ±			223	92 29	SMH. AVER RIM 17° Rt.
SEE PG 103					
FOR TOPOG.			11 39	83 13	15" INLET SOUTH INVERT
			11 52	83 00	15" OUTLET NORTH INVERT

	SOUTH	NORTH
ROD	2.23	2.23
MEAS	7.91	8.04
DIA	1.25	1.25
	11.39	[illegible]52

NOTE: THIS M.H. 1° 5 12" BELOW GROUND SURFACE

Profile Notes Red ____ Plotted ____ Job No. 6250 Division No. 11 F.B. 2564 Pg. 175
No. ____ Date ____ Date ____ Survey of Sn. Terrance SD Line 4
X-Sec. Notes Chkd. Miller Checked ____ Survey by Lind Notes Lind Date 10-11-60
No. ____ Date Oct. 1960 Date ____ Map No. ____ Indexed ____ Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	CRENSHAW BLVD &	251 ST STREET
		94 52 ✓				
N. OF 251 ST ST.						
18+11 4			7 88	86 64 ✓	BM.H. AVER RIM	17° RT. OF P-LINE
SEE PG 102						
FOR TOPOG						
			18 37	76 15 ✓	15" INLET SOUTH	INVERT
			18 46	76 06 ✓	15" OUTLET NORTH	INVERT
					SOUTH	NORTH
					ROD 7.88	7.88
					MEAS 9.24	9.33
					DIA 1.25	1.25
					18.37	18.46
					NOTE THIS M.H. IS 4" BELOW GROUND SURFACE	
BM SD 2202			4 74	89 78 ✓	BM SD 2202 EL= [illegible] 784 PER FB-2525-12	

F.B. 2564 Pg. 176

Job No. 6254.00 Division No. 11 Notes Red Plotted Profile

Survey of SO TORRANCE S.D. LINE "A" Date Date No.

Survey by LIND Notes LIND Notes Chkd Miller Checked X-Sec.

Indexed Date Date Oct. 1960 Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	CRENSHAW BLVD & 253 RD STREET
BM SD 2203	5 23	102 ON		96 78	BM SD 2203, EL= 96.780, PER FB 2525-12
25+68.6			3 79	98 22	55° Lt. (Rt.) OF P-LINE SMH AVER RIM
SEE pg 106 FOR TOPOG			11 94	90 07	15" INLET SOUTH INVERT
			12 06	89 95	15" OUTLET NORTH INVERT
BM SD 2203			5 23	96 78	BM SD 2203, EL= 96.780, PER FB 2525-12

	SOUTH	NORTH
ROD	3.79	3.79
MEAS	6.90	7.02
DIA	1.25	1.25
	11.94	12.06

NOTE: TOP OF M-H. COVER IS 1° ABOVE SURFACE OF GROUND

Profile No. ____ Notes Red ____ Plotted ____ Job No. 625400 Division No. 11 F.B. 2564 Pg. 177
X-Sec. No. ____ Date ____ Date ____ Survey of S. TORRANCE SD. LINE A
Notes Chkd. Miller Checked ____ Survey by LIND Notes LIND Date 10-11-60
Date Oct. 1960 Date ____ Map No. ____ Indexed ____ Date ____

Page 124 No. 178 Job No. 6254.00 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of So. TORRANCE S.D. LINE A Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-296 CE 307 11-58

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Profile No.	Notes Red.	Plotted	Job No. 0432.00	Division No. 11	F. B. 2564 Pg. 179
	Date	Date	Survey of Sanitation Investigation		
X-Sec. No.	Notes Chkd.	Checked	Survey by F E Brooks	Notes F E B	Date 3 May 1962
	Date	Date	Map No.	Indexed H. E. OTT	Date MAY 7 '62

J. N. 0432.00

SANITATION INVESTIGATION

Inverts on SMH

256th St. at & "P" line
Sta 1485.7 0.7 N of ℄

and

256th St. & P line
Sta 41+39.39 168' Rt. P line

STATION	B. S.	H. I.	F. S.	ELEV.
		FE Brooks S. M. Maldonado E Martinez GE Cook		

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761-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.				
BM S.D. 2206				116 09	BM SD 2206 Elev. 116.095 F.B. 2525-13 256th St. about 800' W. of Pennsylvania Ave Bt spk in conc 0.4 N. of N Rim of Sewer MH in front of house # 2476			
1+85.7	D+FMH	W Rim 116.10 E Rim 116.11		116 10	D+FMH 0.7 Lt.			
						8" Inlet W	8" Inlet W	8" outlet E
	Invert	8" Inlet W		109 93	Rod	116.10	116.10	116.10
	"	" " "		107 05	meas	5.50	8.38	8.48
	"	" Outlet E		106 95	Top pipe	110.60	107.72	107.62
					dia	67	67	67
					invert	109.93	107.05	106.95
4+39.39	SMH	W Rim 117.48 E Rim 117.56		117 52	SMH 168' Rt			
						6" Inlet W	8" Outlet E	
	Invert	6" Inlet W		111 33	Rod	117.52	117.52	
	"	8" Outlet E		111 20	meas	5.69	5.65	
					Top pipe	111.83	111.87	
					dia	.50	.67	
					invert	111.33	111.20	
TP.				118 72				
BM SD 2206				116 10				

F. B. 2564 Pg. 180 Job No. 0499.00 Division No. 11 Notes Red Plotted Profile
Survey of Sanitation Investigation Date Date No.
Survey by F.E. Brook Notes FEB Notes Chkd Checked X-Sec.
Indexed H. E. Ott Date Date Date No.

Profile	Notes Red.	Plotted	Job No. 629400 Division No.	F. B. 2564	PG. 181
No.	Date	Date	Survey of So Torrance		
X-Sec.	Notes Chkd.	Checked	Survey by D. Sapnell Notes D.S.	Date 7-17-62	
No.	Date	Date	Map No. Indexed	Date	

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CHECK OF INV. ELEV.
OF J.C.M.H. AND D.D.M.H.
AT PENNSYLVANIA AND
250 TH ST.

SEE 2564 - PG 97 & 136

ELEV.

F. S.

H. I.

B. S.

STATION

Sapnell
Landa
Nunez
Bustrum

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM T-47				80 54	BM T-47 El. 80.542	F.B. 2525-11
	402	84.56			Pennsylvania Ave	& 250 TH. ST., N.W. COR.
SEE F.B.	2564-	PG 97	& 136		B. spk in N.E. cor	of walk to Ho #24919
6+10 7					J.C.M.H.	℄ Pennsylvania
			5 05	79 51	N Rim	
			5 05	79 51	S Rim	
			5 05	79 51	W. Rim	
			18 02	66 54	inv. 8" inlet N.	5.05 Rod 12.30 Meas 0.67 Diam. 18.02
			18 04	66.52	inv. 15" inlet W.	5.05 Rod 11.74 Mea 1.25 Diam 18.04
			18 54	66.02	inv. 15" outlet S.	5.05 Rod 12.24 Meas 1.25 Diam 18.54
6+28 5					D.D.M.H.	℄ int. Pennsylvania & 250 TH St.
			4 92	79 64	N. Rim	
			4 89	79 67	S. "	
			4 90	79 66	E "	

F. B. 2564 Pg. 182 Job No. 6254 00 Division No. Notes Red Plotted Profile
Survey of Sa Torrance Date 7-16-62 Date No. X-Sec.
Survey by D. Sappell Notes D.S. Notes Chkd Checked
Indexed Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		84 56				
6+28.5			4 91	79.65	W. Rim	
			18 17	66 39	inv. 15" inlet N.	4.92 Rod 12.00 meas. 1.25 diam 18.17
			14 22	70 34	inv. 10" inlet W.	4.91 8.48 0.83 14.22 ✓
			18 04	66 52	inv. 10" Drop inlet W.	4.91 12.30 0.83 18.04 ✓
			14 73	69 83	inv. 10" inlet S.	4.89 9.01 0.83 14.73 ✓
			17 94	66.62	inv. 10" Drop inlet S.	4.89 12.22 0.83 17.94 ✓
			18 46	66 10	inv. 12" outlet E.	4.90 12.56 1.00 18.46 ✓
BM T-47			4 02	80 54	BM T-47, El. 80.542 F.B. 2525-11	

Profile Notes Red. ____ Plotted ____ Job No. 6254.00 Division No. ____ F. B. 2564 Pg. 183
No. ____ Date ____ Date ____ Survey of So Torrance
X-Sec. Notes Chkd. ____ Checked ____ Survey by D. Sapre Notes D.S. Date 7-17-62
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. Pg. 1 88 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.

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76L-298 S & E #307—1-56

Notes Ck'd by	Survey of S. Torrance Storm Drain
Map No.	JN 6254.00 Tape Std °F
Office Work	Surveyed by C.V. Crowe
Checked	Notes Crowe Date Aug. 13, 62
Date	Indexed

F. B. 2564 PG. 185

SOUTH TORRANCE STORM DRAIN

C.I. #6254.00

August 13, 1962

Horizontal location of 3 M.H.s on Pacific Coast Hwy near Hillworth Ave.

Reference	Party
F.B. 2564	C.V. Crowe
	A. Carrasco
	J. Adams
	M. Sonnenschein

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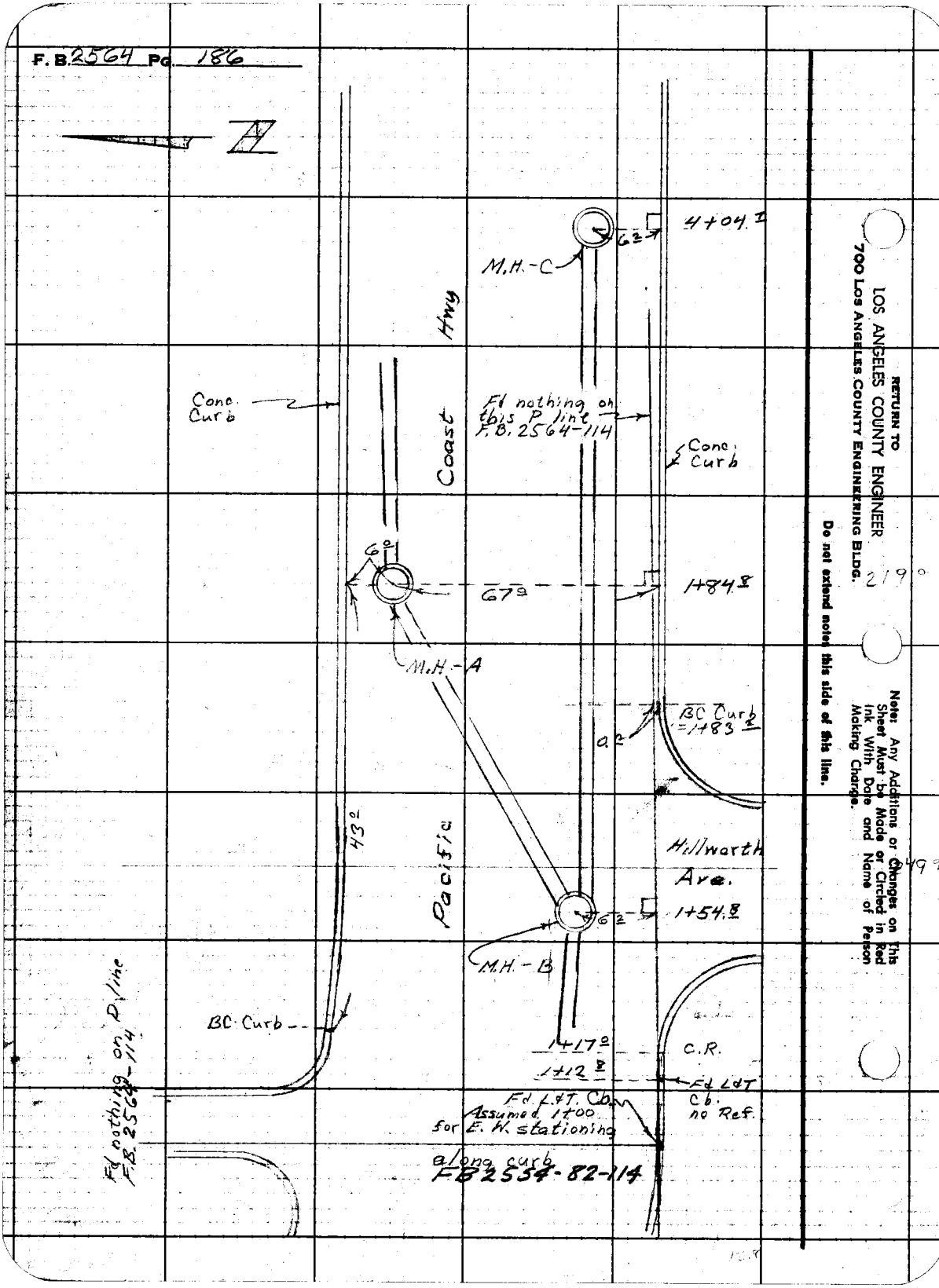
76F309S CE #247—3-57

F.B. 2564 Pg. 186



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219°

499

F.B. 2564 Pg. 187

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6254.08 Division No. ____
Date ____ Date ____ Survey of So. Torrance Storm Drain
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Crowe Notes CVC Date Aug. 13, 62
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

SOUTH TORRANCE STORM DRAIN

CI #6254.00

August 1962

STATION	B.S.	H.I.	F.S.	ELEV.
		Reference F.B. 2525	Party Crowe Carrasco Adams Sonnenschein	

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM-SD2205				107.94	BM-SD2205 Elev. 107.938 F.B. 2525-13 Fd. Cop. N.N.W. rim sewer M.H. in front of house #2477, 255th St., 800'± W. of Pennsylvania Ave.	
TP				110.17	1X1	
TP				113.64	1X1	
BM SD 2206				116.09	BM-SD 2206 Elev. 116.095 F.B. 2525-13 Fd Bt. Spk in Conc. 0.4 N. of N. rim of sewer M.H. in front of house #2476, 256th St., 800'± W. of Pennsylvania Ave.	
TP				119.98	1X1	
TP				124.17	1X1	
M.H.-A E. rim = 1+84.8				127.69	E. rim M.H. over outlet	127.69
					Dist. rim to top pipe	-10.45
						117.24
					Diam pipe	- 0.67
8" outlet E				116 57	Invert Elev. outlet	116.57 ✓
M.H.-A S.W. rim				127.70	S.W. rim M.H. over inlet	127.70
					Dist. rim to top pipe	- 10.39
						117.31
					Diam. pipe	- 0.67
8" inlet W				116 64	Invert Elev. inlet.	116.64 ✓

F.B. 2564 Pg. 188

Job No. 6254.00 Division No. ____ Notes Red ____ Plotted ____ Profile

Survey of So. Torrance Storm Drain Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.			
M.H.-3 N edge rim				127.44	Elev. M.H. rim over outlet	127.44	
					Dist. rim to top pipe	- 9.87	9.8
℄ MH.B = 1+54.8						117.57	
					Diam. pipe	- 0.67	
8" outlet NE	1+54.8			116 90	Invert Elev. outlet	116.90 ✓	
M.H.-B E. edge rim				127.41	Elev. M.H. rim over inlet	127.41	
					Dist rim to top pipe	- 9.68	9.73
						117.73	
					Diam. pipe	- 0.67	
8" inlet E	1+54.8			117 06	Invert Elev. inlet	117.06 ✓	
M.H.-B S. edge				127.36	Elev. M.H. rim over inlet	127.36	
					Dist. rim to top pipe	- 9.59	9.63
						117.77	
					Diam. pipe	- 0.67	
8" inlet S	1+54.8			117. 10	Invert Elev. inlet	117.10 ✓	
M.H.-B W. edge rim				127.41	Elev. M.H. rim over inlet	127.41	
					Dist. rim to top pipe	9.56	9.58
						117.85	
					Diam. pipe	- 0.67	
8" inlet W	1+54.8			117.18	Invert Elev. inlet	117.18 ✓	
TP				128.56	Spk. in Ld. in Cb. S. side Pacific Coast Hwy 59'± E. of E C.R. Hill north Ave.		

Profile Notes Red ____ Plotted ____ Job No. 6254.09 Division No. ____
No. ____ Date ____ Date ____ Survey of So. Torrance Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by CK Crowe Notes CKC Date Aug 13, 62
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 2564 Pg. 189

76-L298 CE 307 3-61

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F.B. 2564 Pg. 190 | Job No 6254.08 | Division No. | Notes Red | Plotted | Profile
Survey of S. Torrance Storm Drain | Date | Date | No.
Survey by Crowe | Notes Crowe | Notes Chkd. | Checked | X-Sec.
Indexed | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.		
M.H.-C rim E. edge				129.69	Elev. M.H. rim over inlet	129.69
4+04 I					Dist. rim to top inside pipe	- 10.93
						118.76
					Diam. pipe	- 0.67
8" inlet. E				118 09	Invert Elev. inlet	118.09 ✓
M.H.-C rim W. edge				129.68	Elev. M.H. rim over outlet	129.68
					Dist. rim to top pipe	- 10.96
						118.72
					Diam. pipe	- 0.67
8" outlet. W				118 05	Invert Elev. outlet	118.05 ✓
BM SD 2207				127.72	B.M.-SD 2207 Elev. 127.727 F.B. 2525-14 Fd. Bt. Spk. in Cb., Pacific Coast Hwy. & Hillworth Ave. N. side, 15'± E. of ℄ Prod. of Hillworth.	