WHITWOOD STORM DRAIN - J.M. 6253.20

10-59	6253.20	Center Line Survey - Line Change on Line "A".	C.L.	5-[illegible]
"	"	Topography " "	Topog.	13-[illegible]
"	"	Additional Bench Levels. " "	B.M's	27-[illegible]
"	"	Cross Sections " "	X-secs.	31-[illegible]31
12-60	"	Topography - Line "A".	Topog.	133-[illegible]44
5-61	"	Final Center Line Survey - Line "A".	C.L.	145-170

Microfilmed Feb. 86

TR. No.

F. B. PG.

Notes Ck'd by Miller	Survey of Whittwood S.D.
Map No.	JN 6253.20 Tape 0138 Std 68 °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.S. Date 10-1-59
Date	Indexed C. Johnson 11-3-59

J.N. 6253.20 PROJ. No 5[illegible]

WHITTWOOD STORM DRAIN

℄ SURVEY

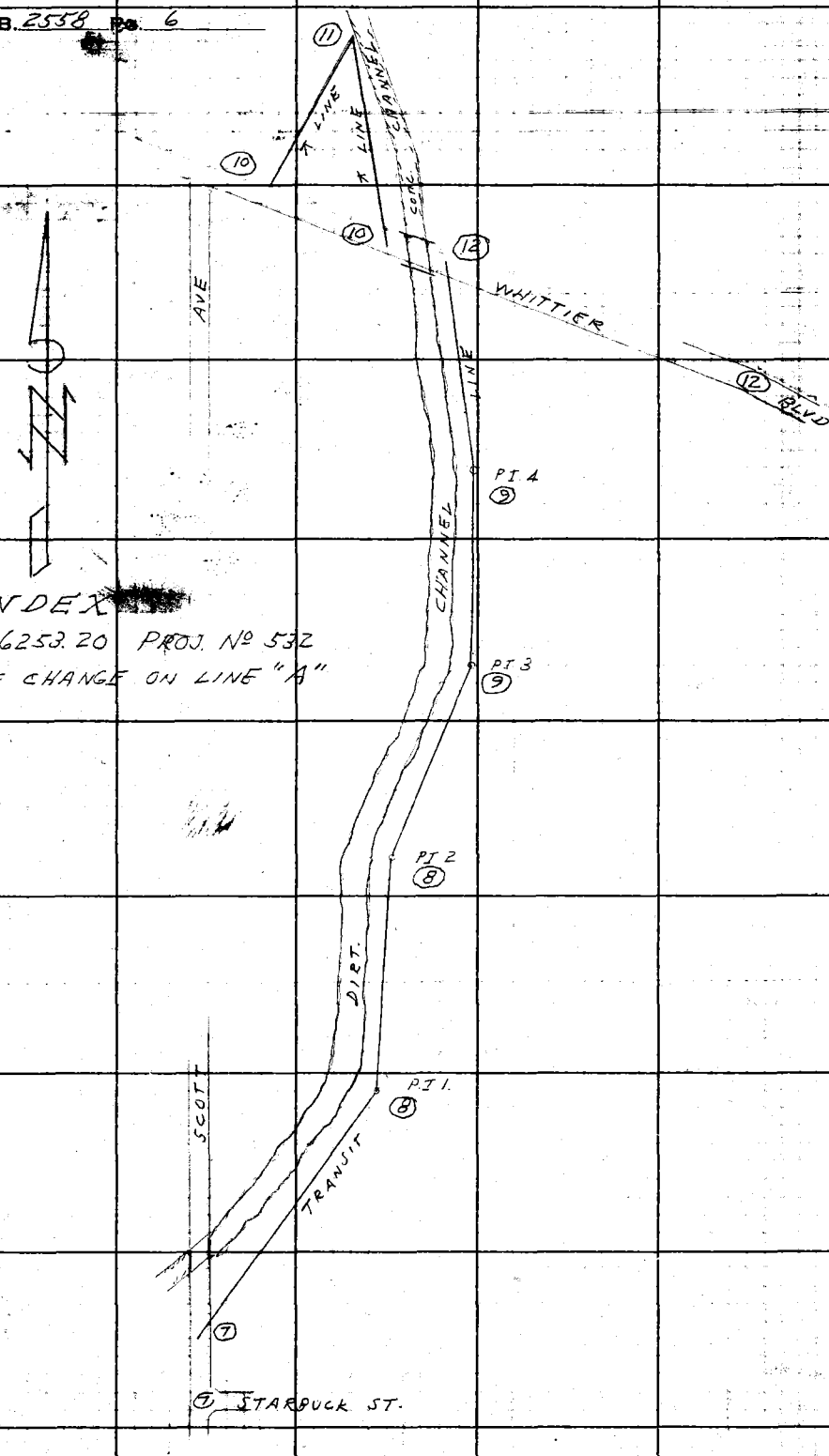
LINE CHANGE ON LINE "A"

see Index PG 6

Party: Sappell
Smith
Lieber
Caro
Clifford

RETURN TO
LOS ANGELES COUNTY ENGINEER
DO LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.

F. B. 2558 Pg. 6



INDEX

JN. 6253.20 PROJ. Nº 532

LINE CHANGE ON LINE "A"

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

Do not extend notes this side of this line.

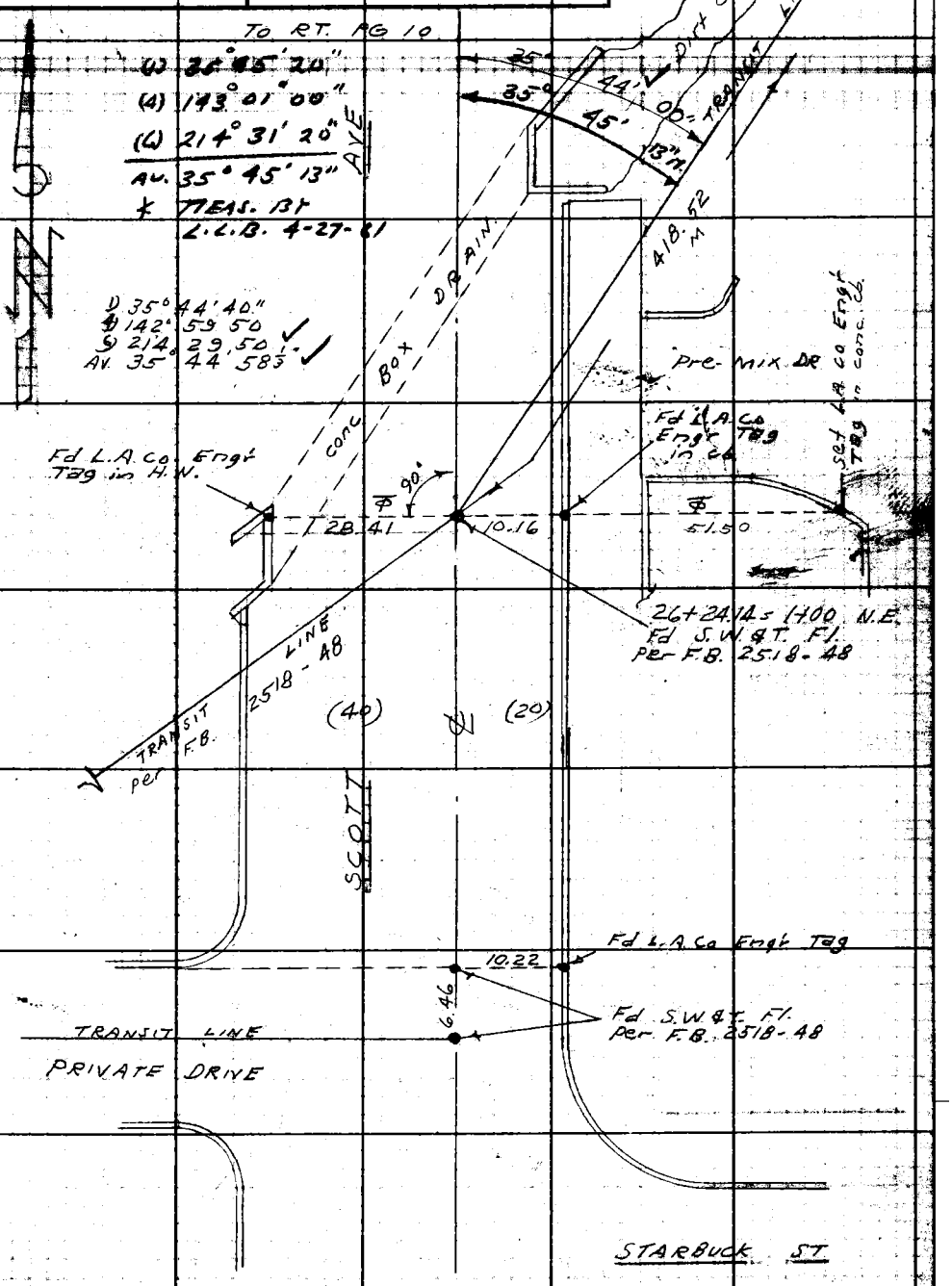
Note: Any Additions or on This Sheet Must be Made and in Red Ink With Date and of Person Making Change.

Line Change on Line "A"

Notes Ck'd by Miller	Survey of Whittwood Rd.
Map No.	JN 6253.20 Tape 0138 Std. 68 °F
Office Work	Surveyed by [illegible]
Checked	Notes D.S. Date 10-.59
Date	Indexed C. Johnson

F.B. 2558 Pg. 7

To BOTT



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.

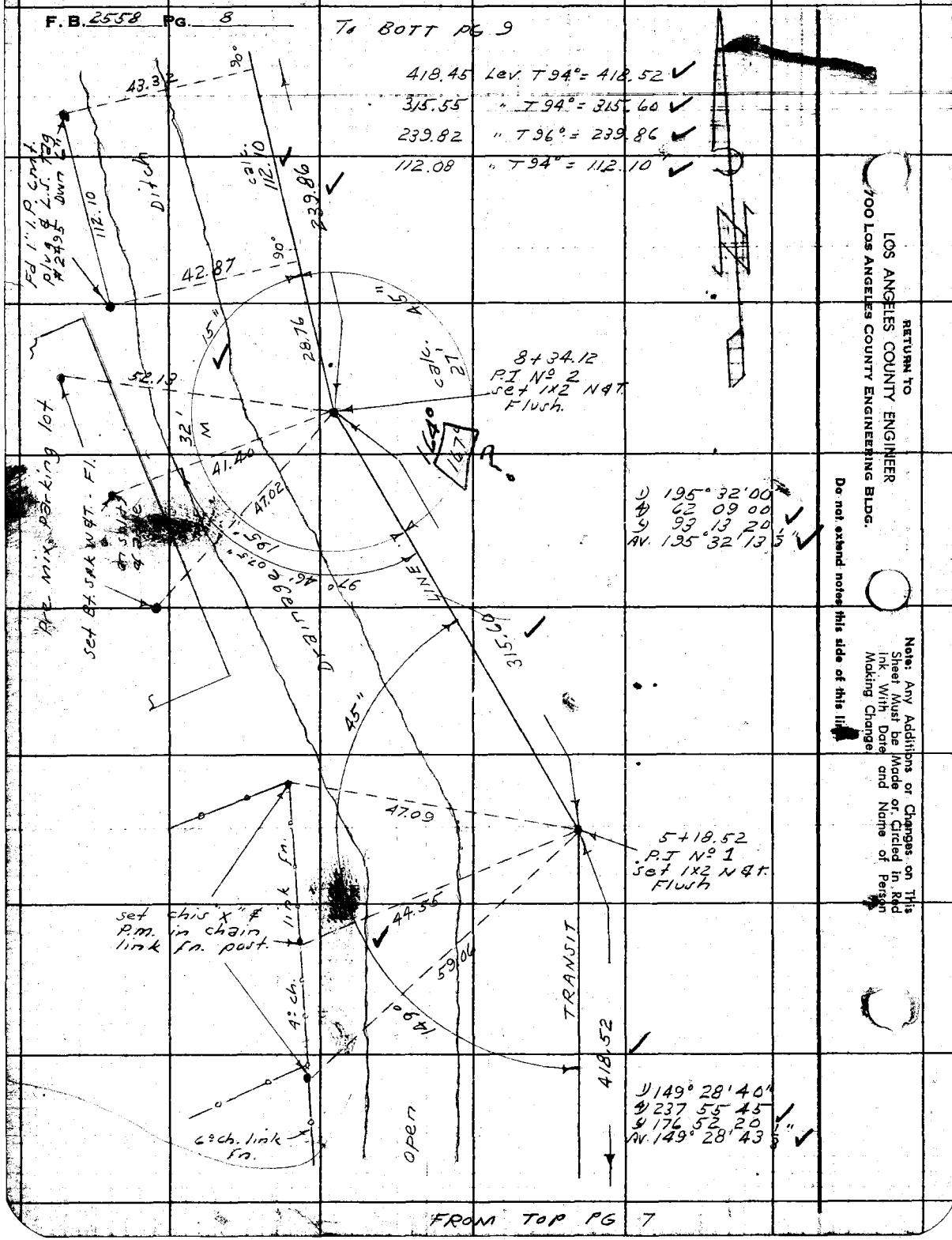
RETURN TO
LOS ANGELES COUNTY ENGINEER
DO LOS ANGELES COUNTY ENGINEERING BLDG.

768095 CE #247—7-53

F.B. 2558 PG. 8

To BOTT PG 9

418.45 Lev. T 94° = 418.52
315.55 " T 94° = 315.60
239.82 " T 96° = 239.86
112.08 " T 94° = 112.10



FROM TOP PG 7

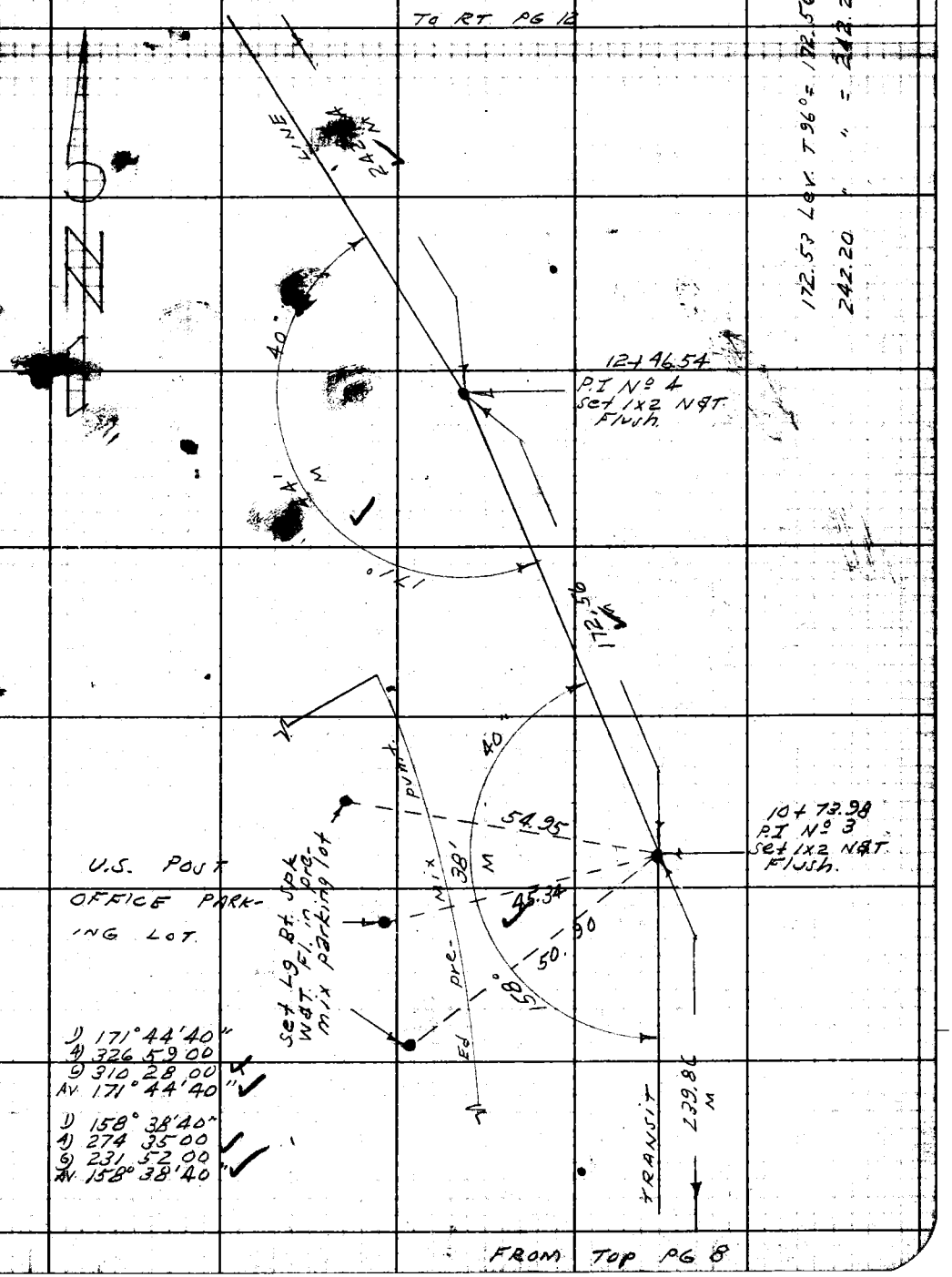
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Line change on Line "A"

Notes Ck'd by Miller	Survey of Whittwood S.D.	F.B. 2558 Pg. 9
Map No.	JN 6253.20 Tape 0138 Std 68 °F	
Office Work	Surveyed by J. Jappell	
Checked	Notes D.S. Date 10-59	
Date	Indexed C. Johnson	

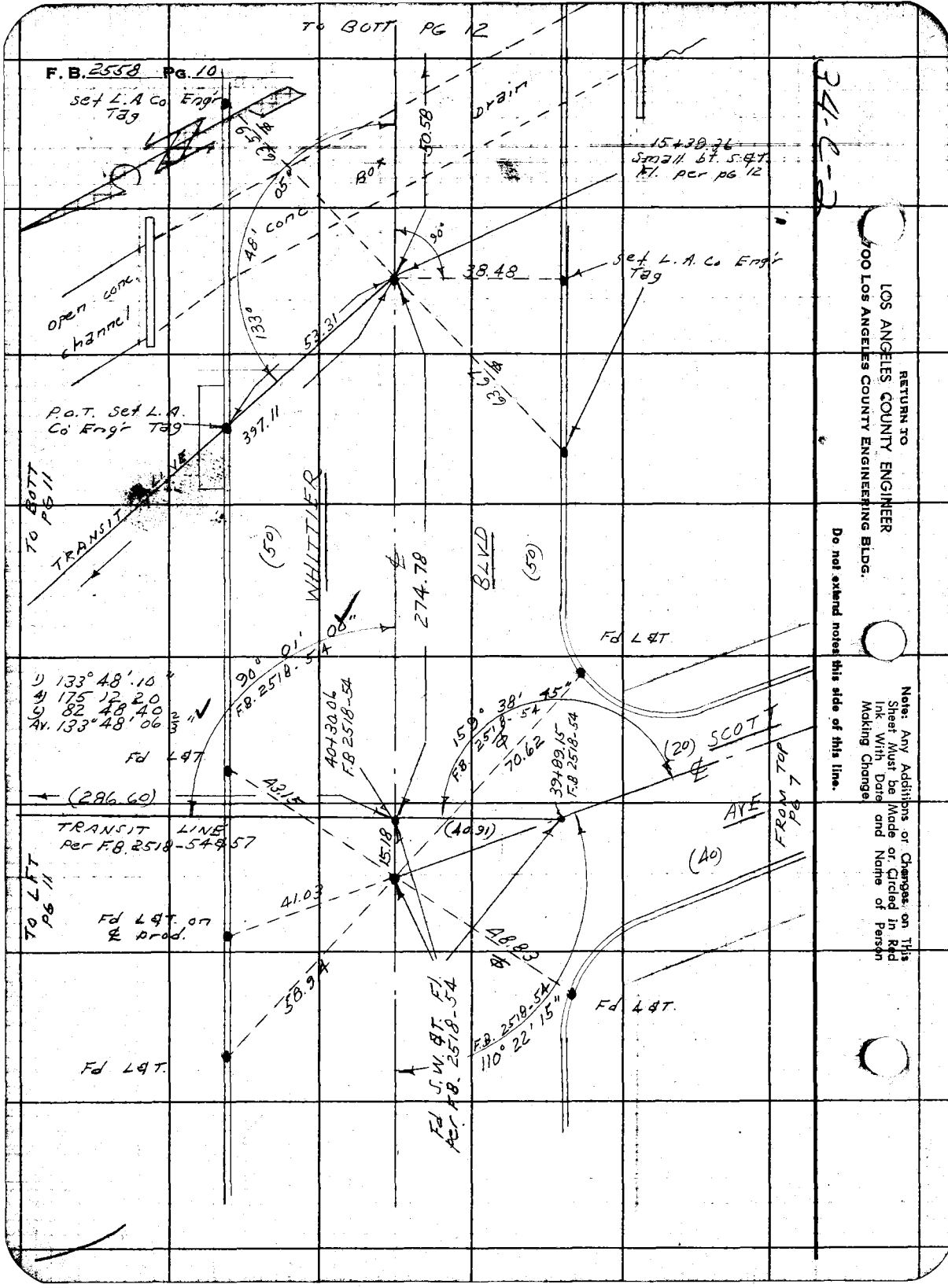


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

768098 CE #247—7-53



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

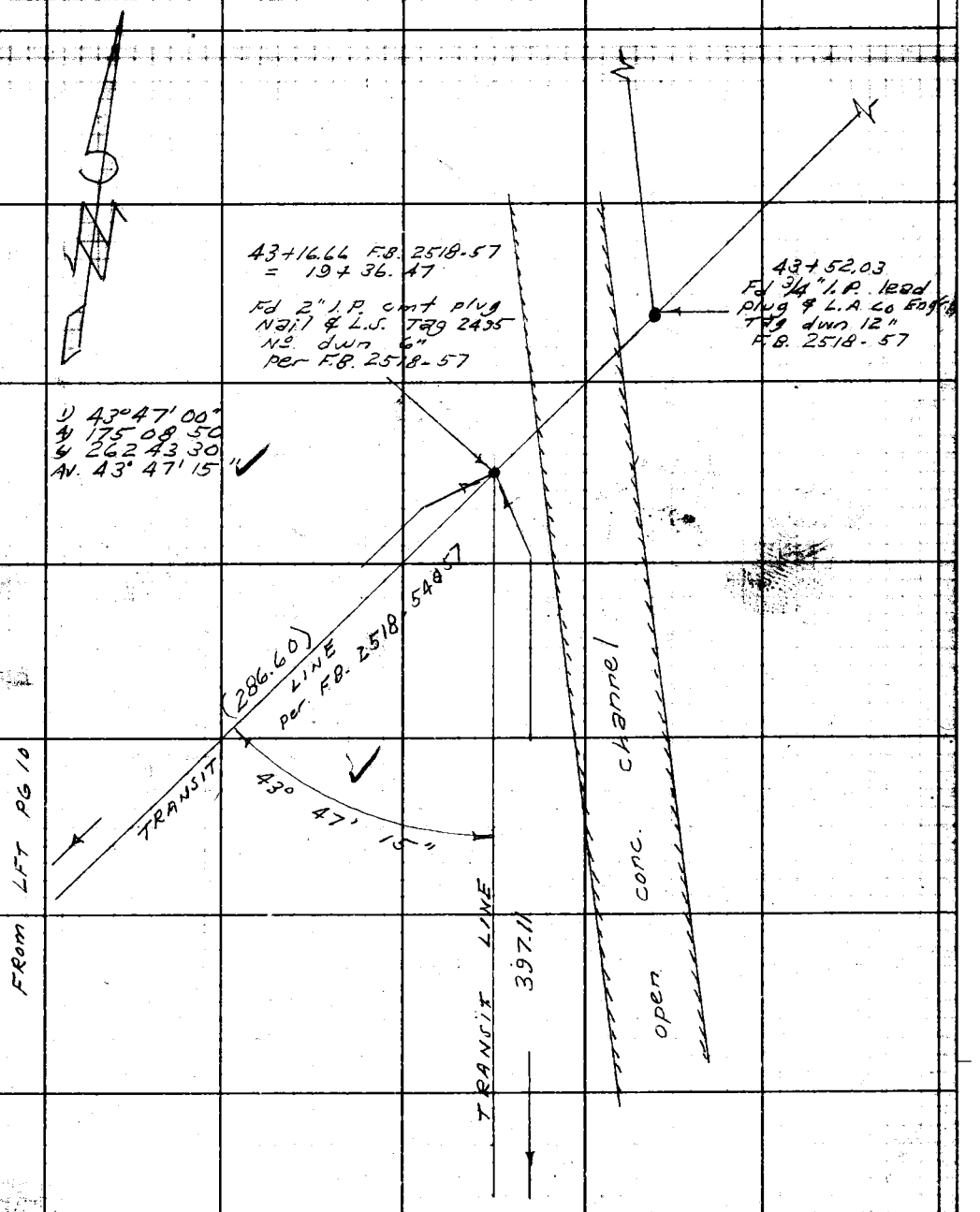
Do not extend notes this side of this line.

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

Line change on Line "A"

Notes Ck'd by Miller	Survey of Whittwood S.D.
Map No.	JN 6253.20 Tape 8138 Std 68 °F
Office Work	Surveyed by D. Jappell
Checked	Notes D.S. Date 10-59
Date	Indexed A. C. Johnson

F.B. 2558 Pg. 11



FROM LFT PG 10

TO BOTT PG 12

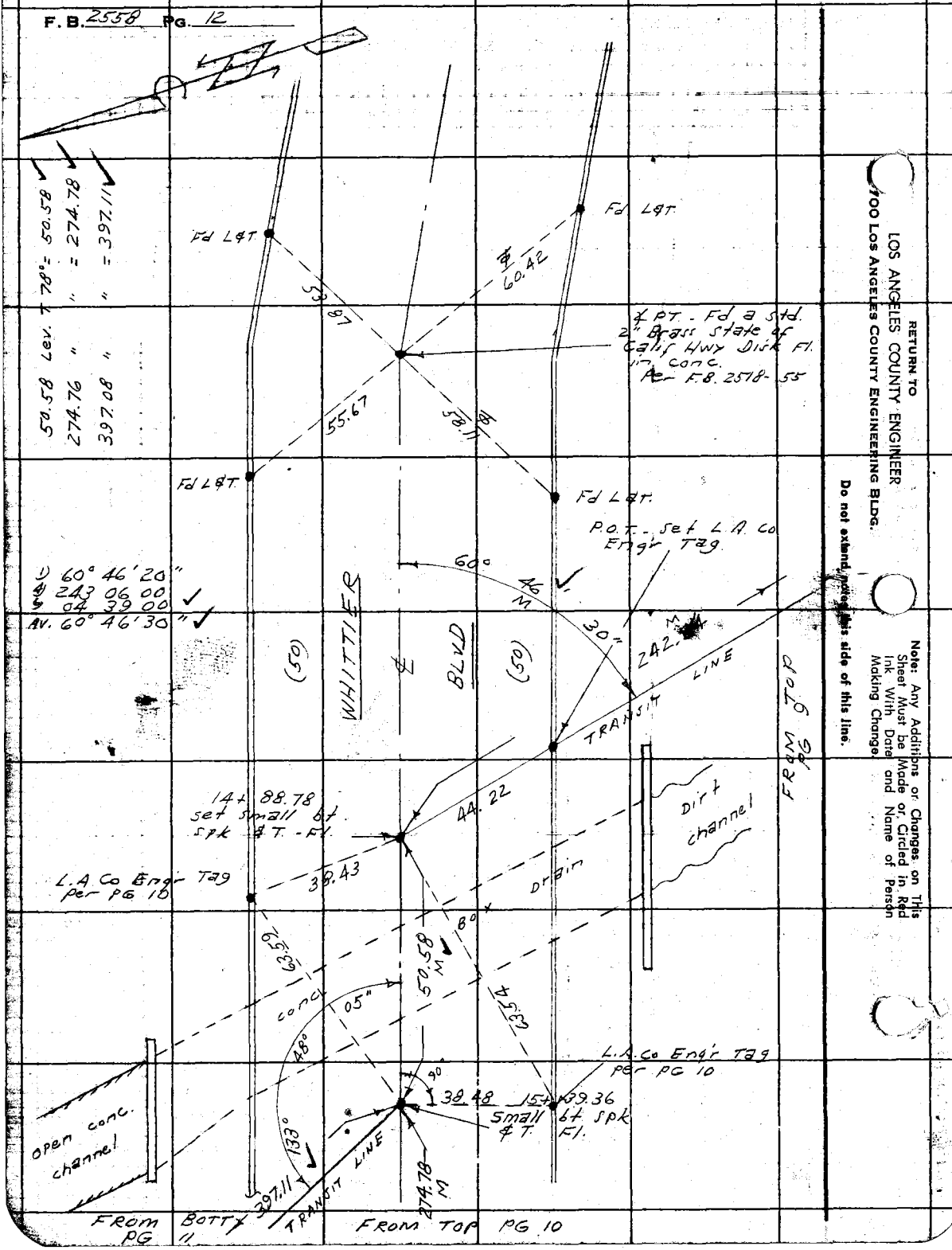
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-59

F.B. 2558 PG. 12



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.

Line Change on Line "A"

Notes Ck'd by	Survey of Whittwood S.D.
Map No.	JN 6253.20 Tape Std °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.S. Date 10-59
Date	Indexed A. C. Johnson 11-3-59

F.B. 2555 Pg. 13

J.N. 6253.20 PROJ No 532

WHITTWOOD STORM DRAIN

LINE CHANGE ON LINE "A"

LOC. OF IMP.

Party: Sappell
Smith
Lieber
Caro
Clifford

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. 2558 PG. 14

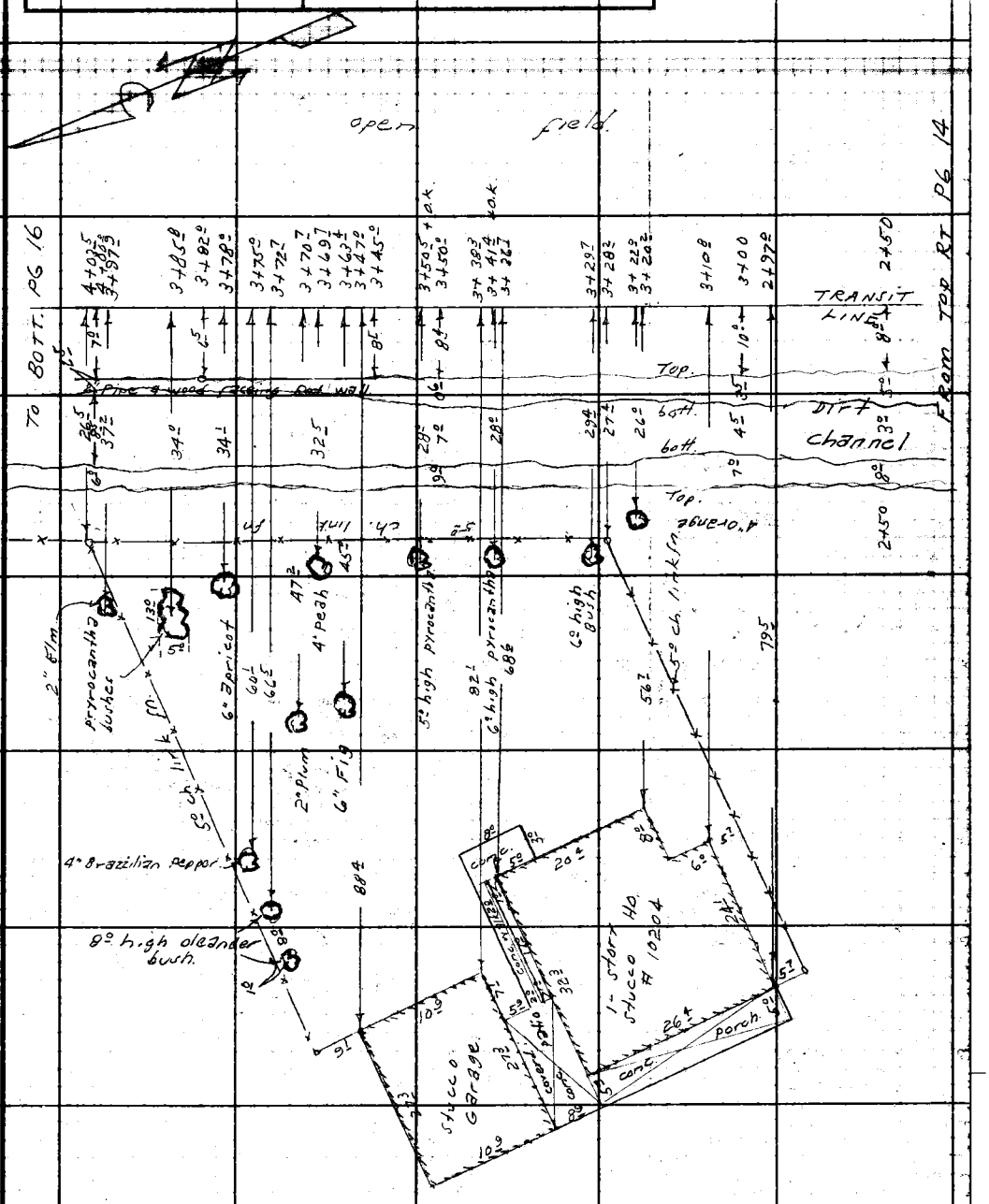
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 [illegible]
Map No.	JN 6252.20 Tape Std. °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date 10 [illegible]
Date	Indexed A. C. Johnson

F. B. [illegible] Pg. 15

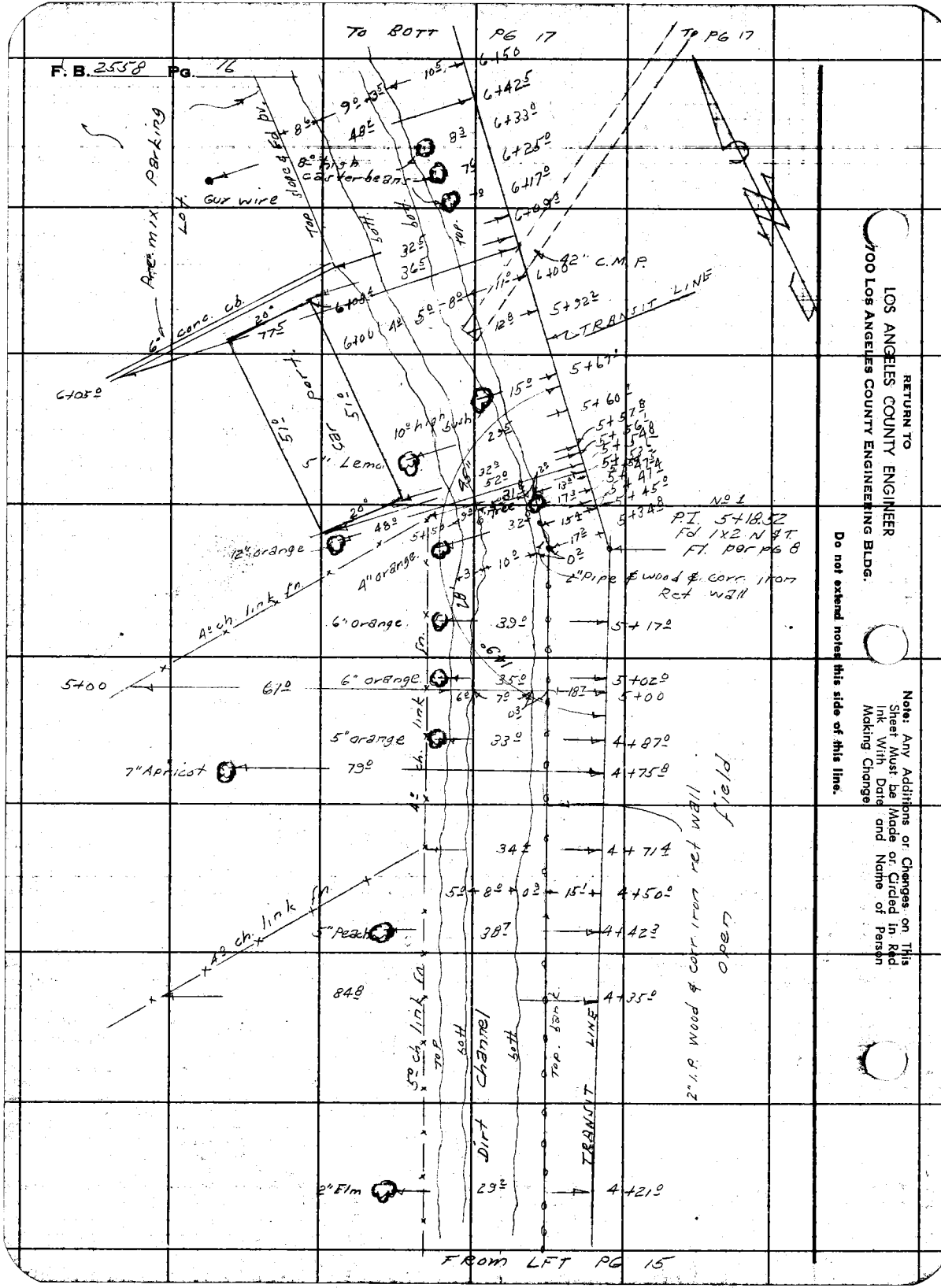


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
[illegible]00 LOS ANGELES COUNTY ENGINEERING BLDG.

768098 CE #247—7-59



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

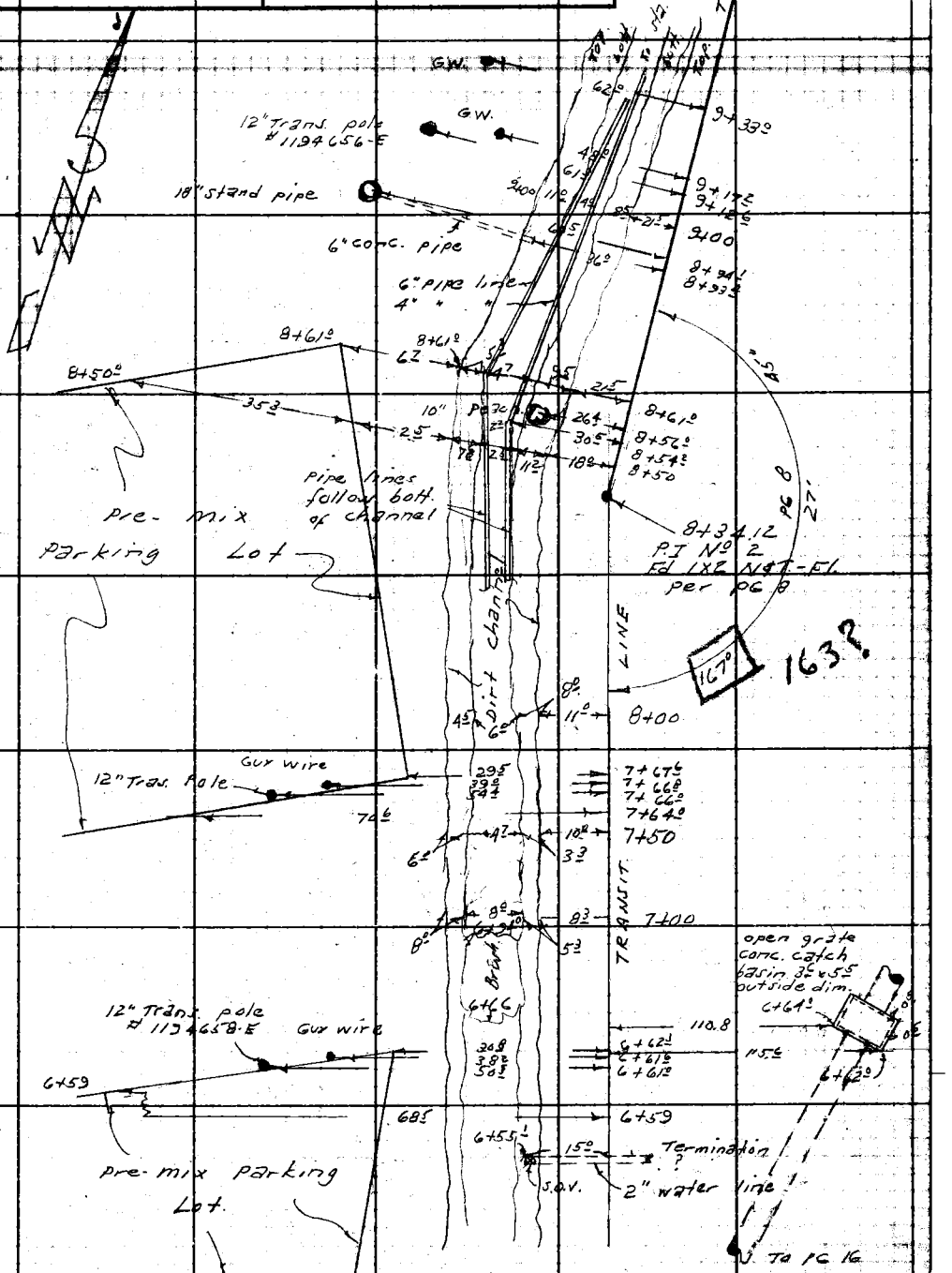
Do not extend notes this side of this line.

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

Line change on Line "K"

Notes Ck'd by	Survey of Whittwood S.D.
Map No.	JN 6253.20 Tape Std °F
Office Work	Surveyed by D. Jappell
Checked	Notes D.S. Date 10-59
Date	Indexed A. C. Johnson

F.B. 2556 Pg. 17



From Top PG 16

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

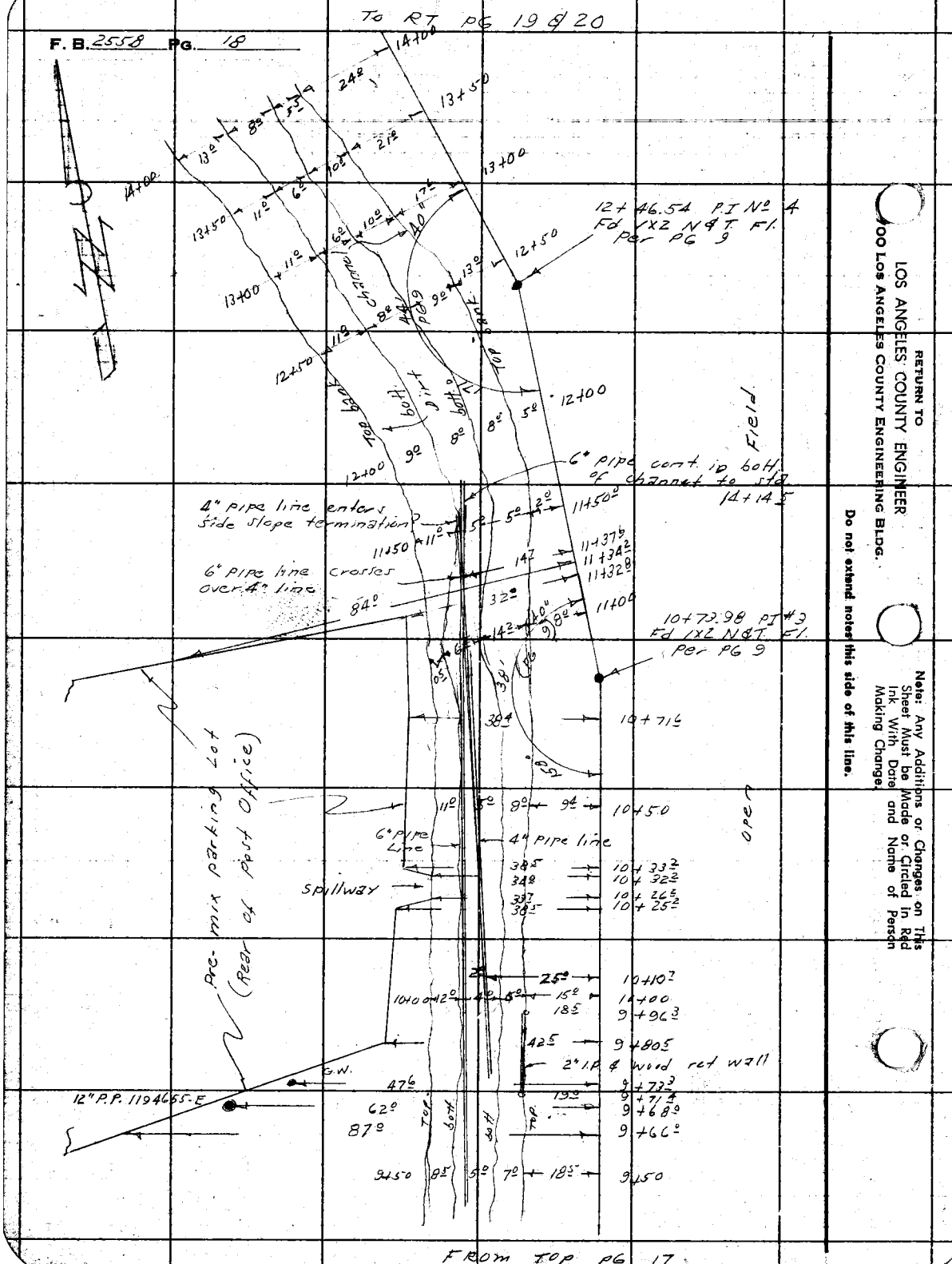
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
1100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

To RT PG 19 & 20

F. B. 2558 Pg. 18



From top PG 17

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

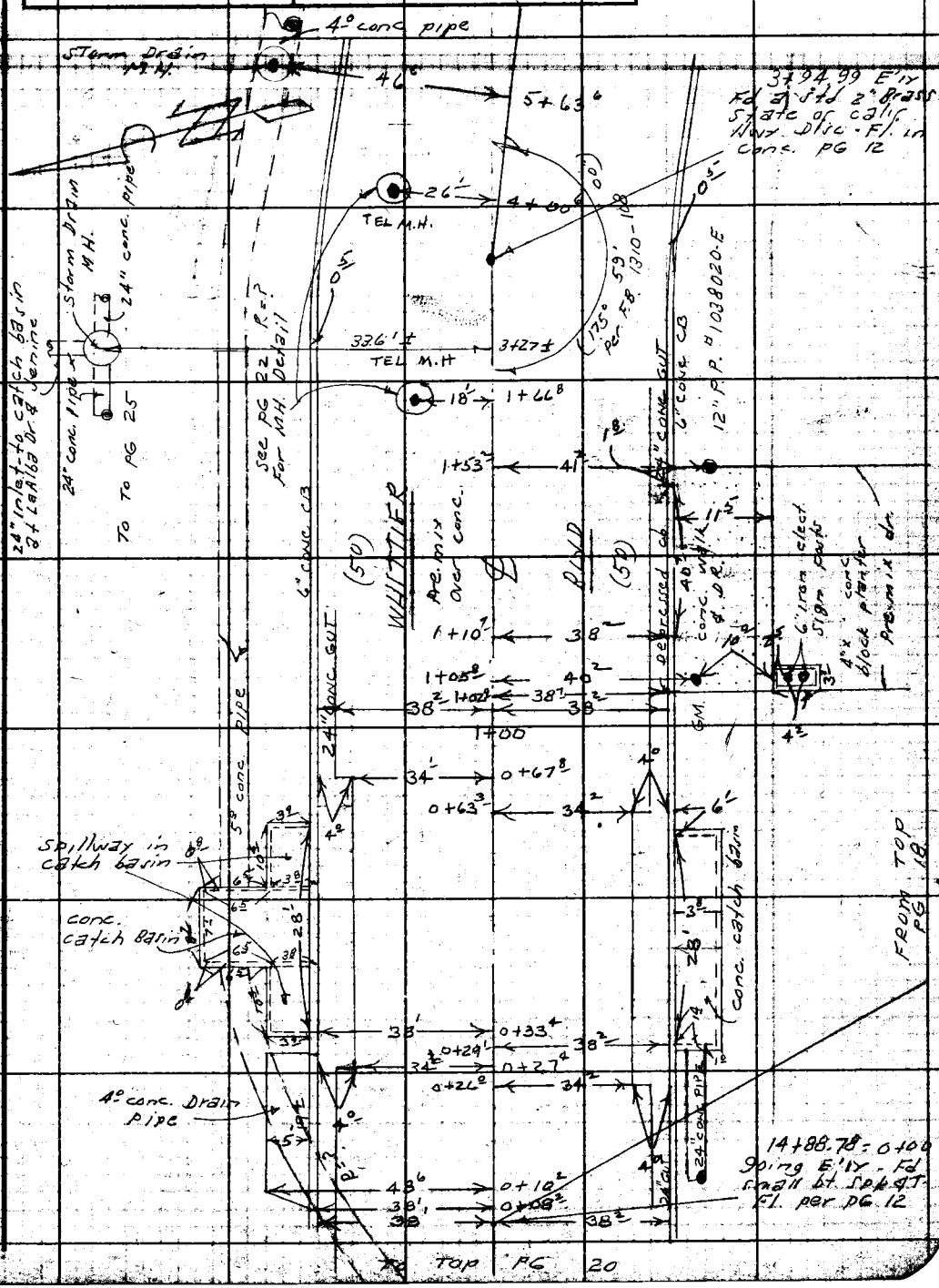
Do not extend notes this side of this line.

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

Line Change on Line "A"

Notes Ck'd by	Survey of [illegible]
Map No.	JN 6233.20 Tape Std °F
Office Work	Surveyed by [illegible]
Checked	Notes D.S. & R.D.S. Date 10-59
Date	Indexed A. C. Johnson

F.B. 2555 PG. 10

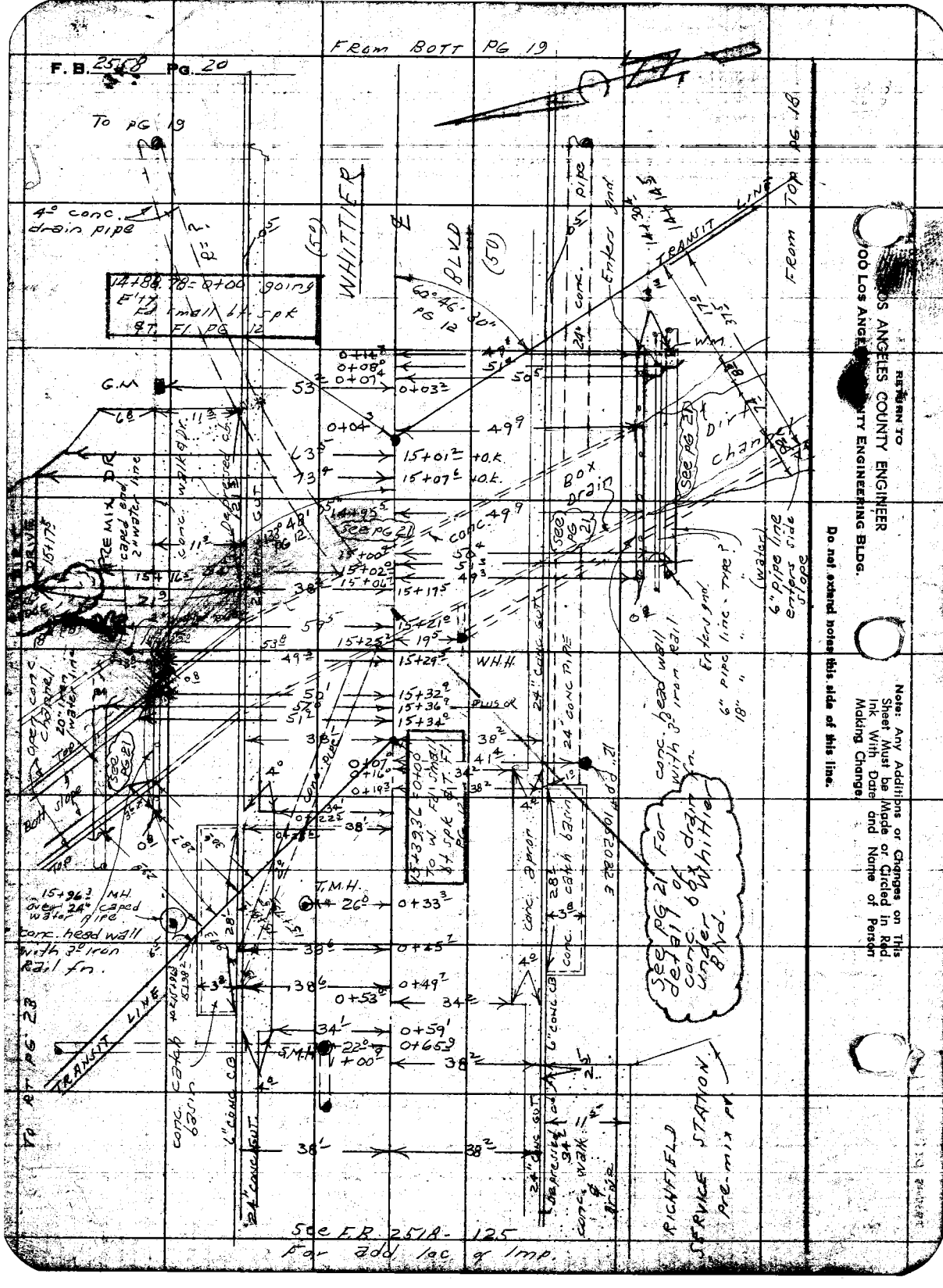


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

768098 CE #247—7-13



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.

Line Change on Line "A"

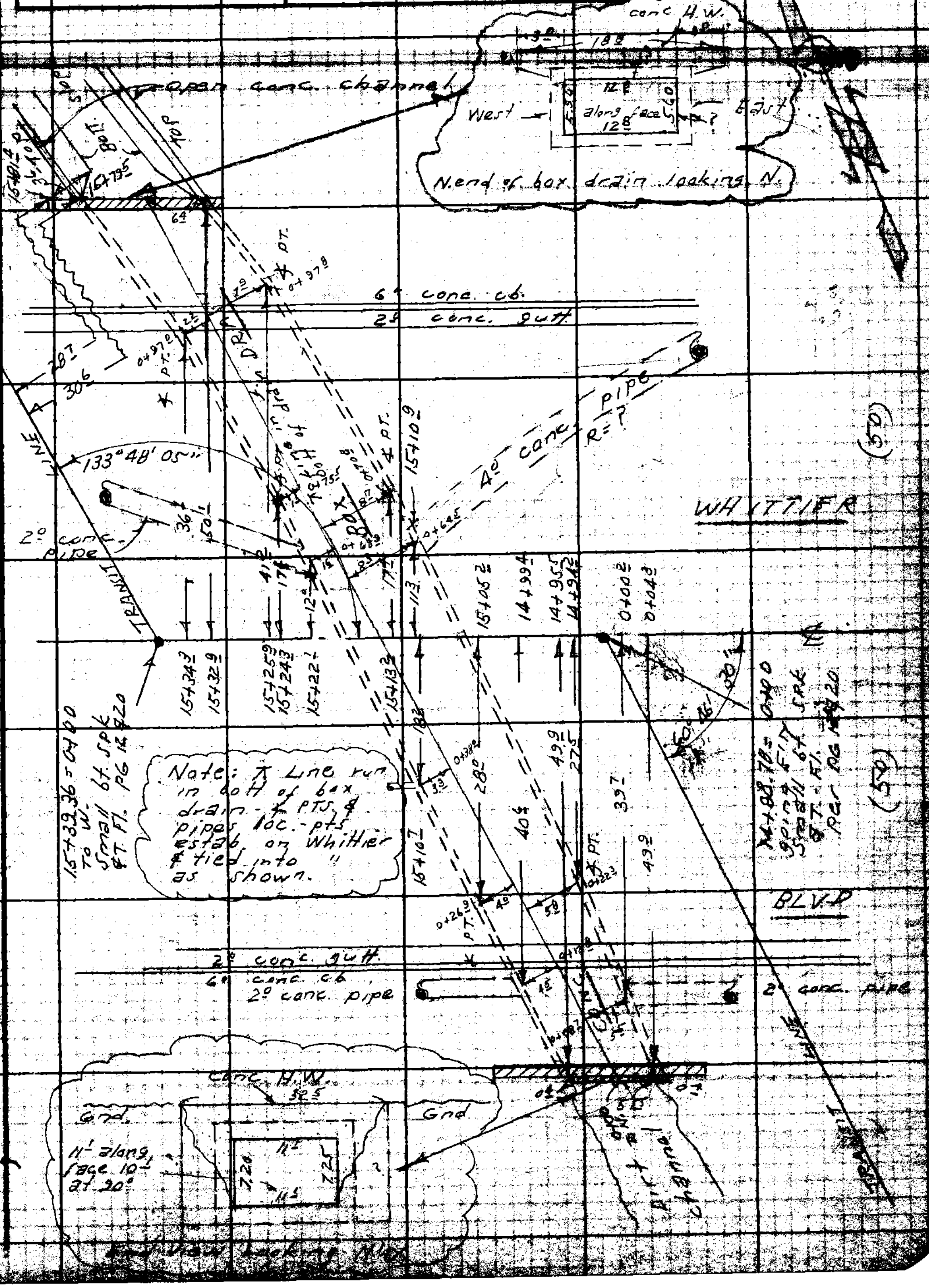
Notes Ck'd by
Map No.
Office Work
Date
Survey of Whittier Blvd
JN 6253.49 Tape Std °F
Surveyed by D. Jasper
Notes
Indexed C. Johnson
F.B. 2550 Pg. 21

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

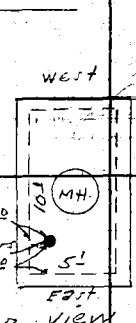
Do not extend notes this side of this line.

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

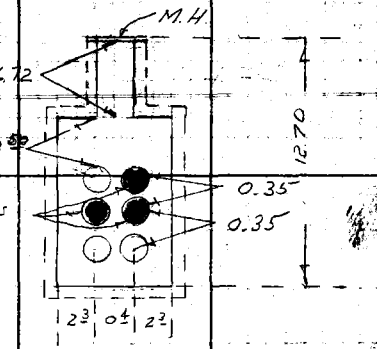
78D086 CE #247—7-53



F. B. 2558 PG. 22



Top view of both of vault.

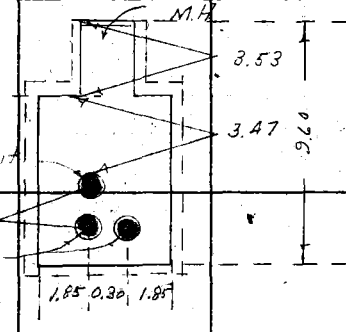


End view of west end looking west.

Tel. M.H. & Vault at Sta. 14+66.8 E'ly on Whittier Blvd 18' N'ly of ℄

see pg 19

Top View



West end vault looking west.

T. M.H. & vault at Sta. 4+00.6 E'ly on Whittier Blvd & 26' N'ly of ℄

See pg 19

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

Do not extend notes this side of this line.

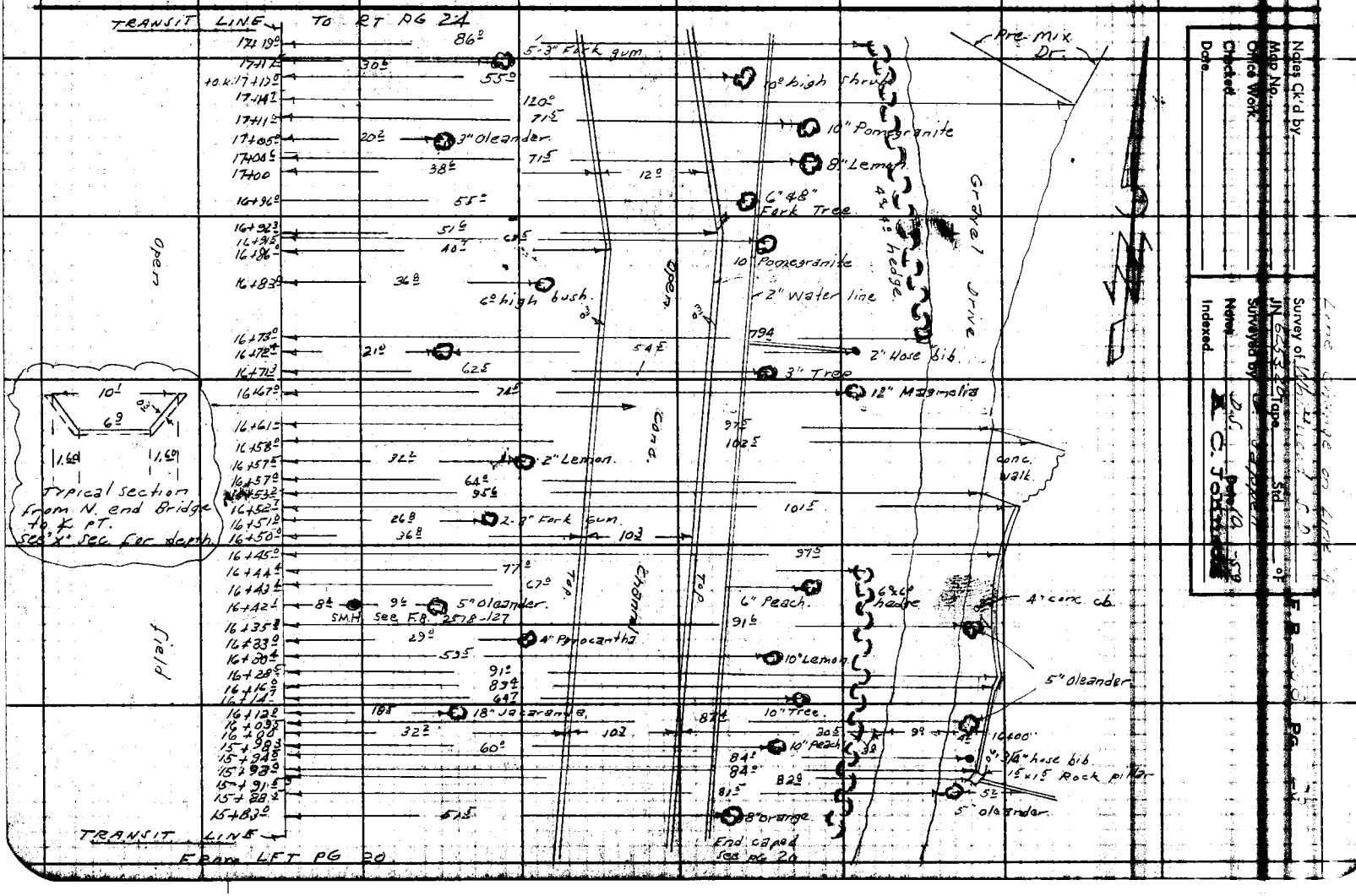
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

763098 CE #247—7-53

RETURN TO
LOS ANGELES COUNTY ENGINEER
1000 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.



F. B. 2558 PG. 24

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

Do not extend notes this side of this line.

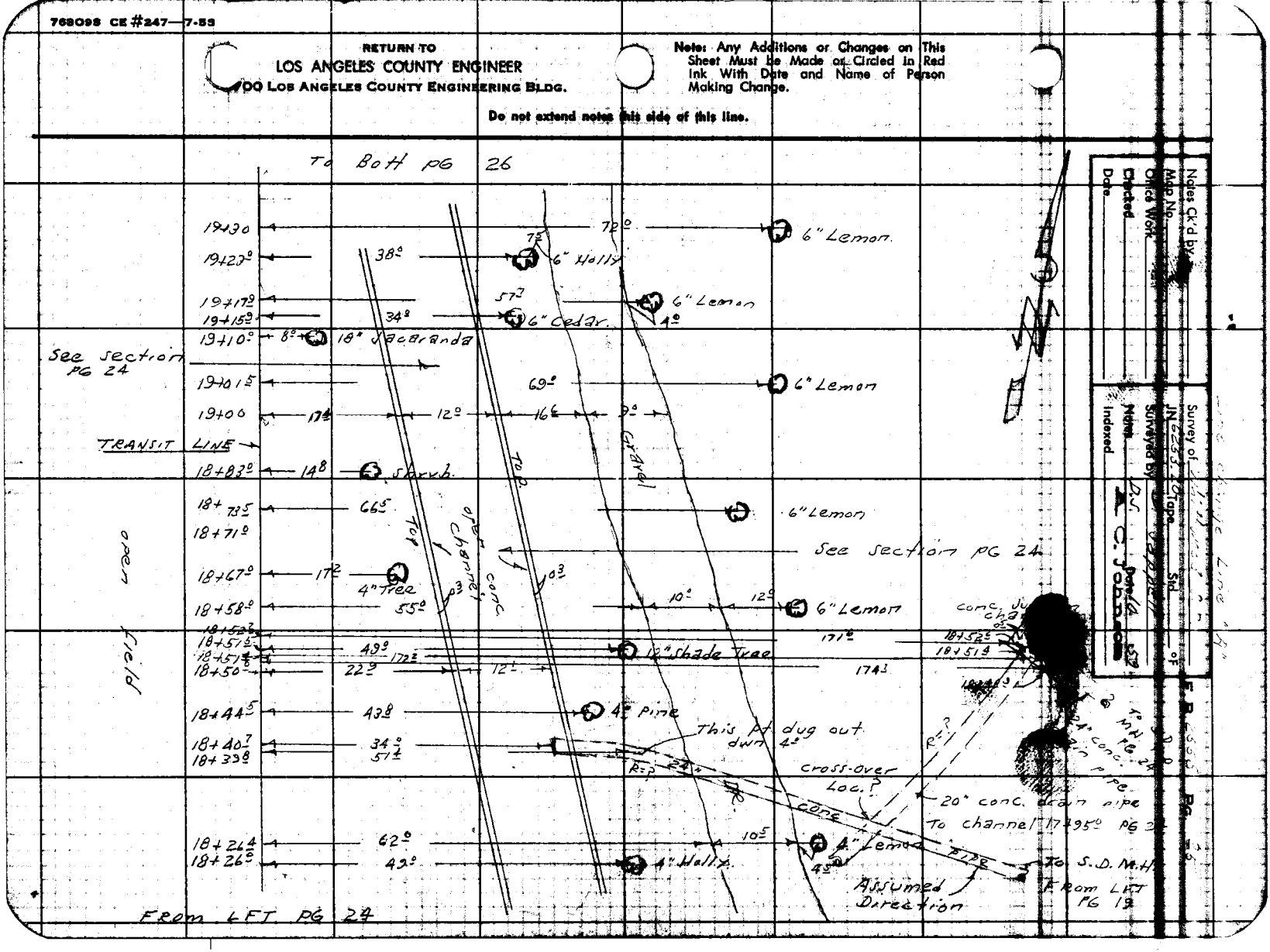
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

769098 CE #247—7-53

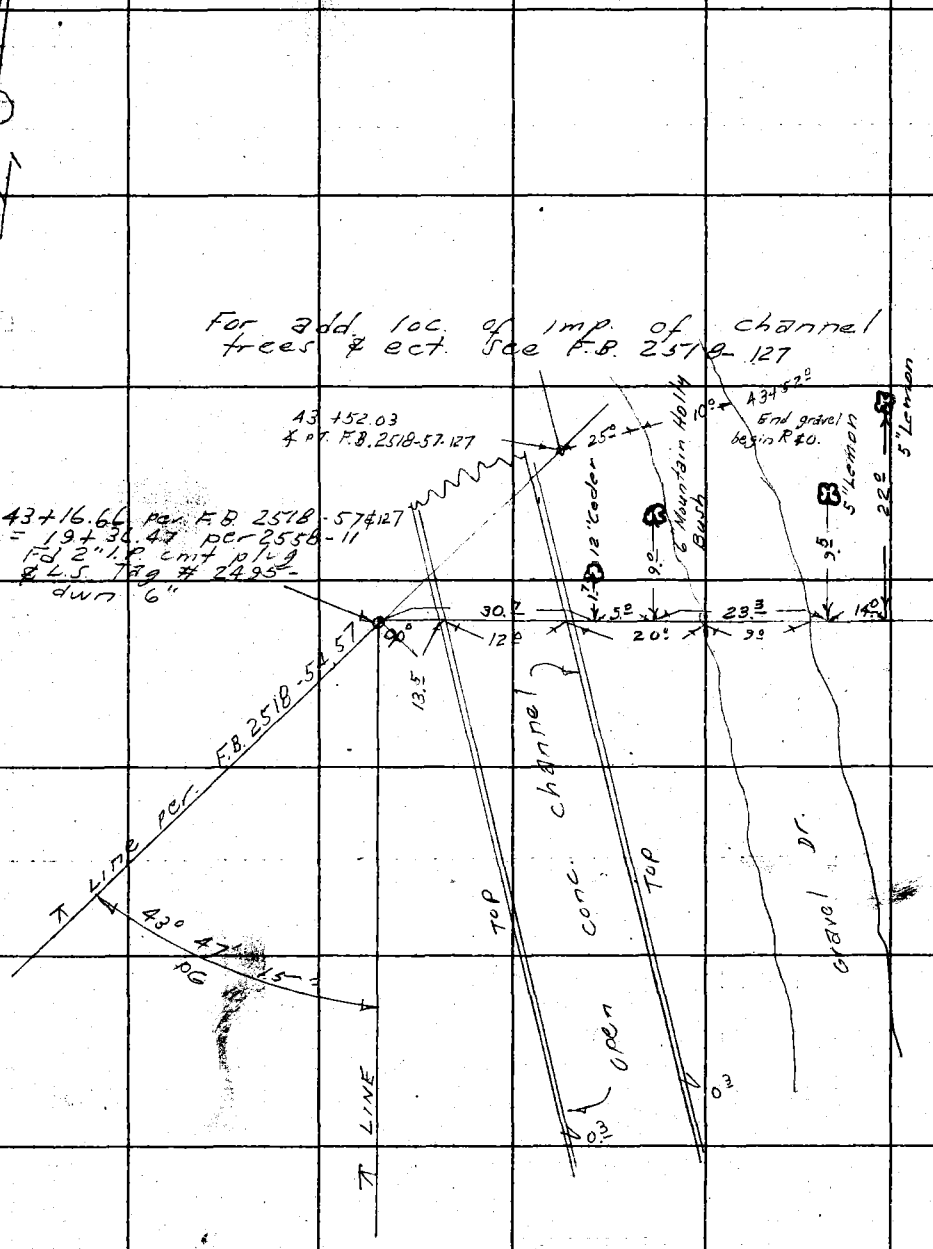
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.



F. B. 2558 PG. 26



FROM LFT PG 25

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 RED. JOB NO. 6253.20 SURVEY OF Line change on line "A" Whittwood S.D.

DATE SURVEY BY D. Sappell

NOTES CHKD. NOTES BY D.S. DATE 10-21-59

DATE INDEXED E. C. Johnson DATE 11-3-59

F. B. 2558 PG. 27

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
JN 6253.20 PROJ. Nº 532						
WHITTWOOD STORM DRAIN						
LINE CHANGE ON LINE "A"						
ADDITIONAL BENCH LEVELS						
	indexed 11-4-59					
					Party: Sappell	
					Smith	
					Lieber	
					Caro	
					Clifford.	

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.

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

76S420 S & E-353 4-54

768420 S & E-353 4-54

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

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

Do not extend notes this side of this line

JOB NO. 6253.20 SURVEY OF Whitwood SD
SURVEY BY D. Sappell
NOTES BY D.S. DATE 10-21-59
INDEXED C. Johnson DATE
NOTES RED DATE
NOTES CHKD DATE

Line change on line "A"

F.B. 2558 Pg. 28

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(Fd) BM SD 1706	228.631					B.M. S.D. 1706 El. 228.631 F.B. 2558-17 J.N. 6253.20 Scott Ave & 130'± N. of Starbuck St. - W. side Bt spk in cb 130'± N. of ℄ prod of Starbuck St. T.P.
+	5.710		5.799			
π	234.341 ✓	+1.230	+1.231			
−	4.480		4568			
T.P.	229.861 ✓					
+	5573		5419			
π	235.434 ✓	+1.745	+1.746			
−	3828		3673			
(Fd) BM SD 1707	231.606 ✓					B.M. S.D. 1707 El. 231.605 F.B. 2558-17 J.N. 6253.20 Scott Ave & Cullen St. N.W. cor. - Bt. spk in cb. 5± W. of W. end C.R. T.P.
+	5888		5692			
π	237494 ✓	+2.047	+2.049			
−	3841		3643			
T.P.	233653 ✓					
+	5931		6044			
π	239.584 ✓	+4.551	+4.551			
−	1380		1493			
(Set) BM SD 1752	238.204 ✓					BM S.D. 1752 El. F.B. 2558-28 J.N. 6253.20 144' N. of ℄ Cullen St. & 217' E. of ℄ of Scott Ave. - Bt. spk in conc. cb. 3± W. of E. end of cb. at N.E. cor. of car port. T.P.
+	4737		4622			
π	242.941 ✓	-0.038	-0.039			
−	4775		4661			
T.P.	238.166 ✓					
+	5965		5820			
π	244.131 ✓	+5.040	+5.040			
−	0925		0780			
(Set) BM SD 1753	243.206 ✓					BM. S.D. 1753 El. F.B. 2558-28 J.N. 6253.20 185± Ft. E of ℄ Scott Ave & 46± N. of ℄ prod of Jupiter St. - Bt spk in S.E cor. of conc. loading platform of U.S. Post Office Bldg. T.P.
+	2972		2823			
π	246.178 ✓	-2.096	-2.099			
−	5068		4922			
T.P.	241.110 ✓					

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	241.110 ✓					
+	4317		3938			
⊼	245.427 ✓	-0.560	-0.560			
−	4877		4498			
(Fd.) BMSD 1708	240.550 ✓					B.M. SD 1708 El. 240.535 F.B. 2518-17 J.N. 6253.20 Scott Ave & Jupiter St. N.W. cor. Bt. spk in cb. 6° W. of W. end CR.

NOTES RED. _____ JOB NO. 6253.20 SURVEY OF Line change on line "A" Whittwood S.D.
DATE _____ SURVEY BY J. Sappell
NOTES CHKD. _____ NOTES BY [illegible] DATE [illegible]
DATE _____ INDEXED [illegible] G. Johnson DATE _____

F. B. 2558 PG. 29

Profile	Notes Red	Plotted	Job No. 6253.20	Division No. 10	F.B. 2558	Pg. 31
No.	Date	Date	Survey of Whittwood S.D. - Line change on Line "A"			
X-Sec.	Notes Chkd.	Checked	Survey by Sappell	Notes J.J.	Date 10-59	
No.	Date	Date	Map No.	Indexed C. Johnson	Date 11-3-59	

J.N. 6253.20 PROJ. Nº 532

WHITTWOOD STORM DRAIN

LINE CHANGE ON LINE "A"

CROSS - SECTIONS

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

partr: Sappell
Smith
Lieber
Caro
Clifford

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

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

Do not extend notes this side of this line.

76L-298 CE 307 11-58

76L-298 CE 307 11-58

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		
BM S.D. 1706				228.63	BM S.D. 1706 El. 228.631 F.B.	2518.17 J.N. 6253.20
	636	234 99			Scott Ave ℄ 130'± N. of	Starbuck St. W. side
					Bt spk in cb. 130'± N.	of ℄ prod of Starbuck St.
For El. of box drain, pipes & ect. See F.B. 2518-?						
1+00 = 26+24.14 per F.B. 2518-48					PG 7 & 14	Int ⊼ Line & ℄ Scott Ave.
1+50			41	230 9		⊼ Line
			5 35	229 64		24.5 R Ed pv.
			39	231 1	6.0 L Top bank.	
			10 7	224 3	13.0 " bott channel	
			10 7	224 3	22.3 " " " at wing wall	
1+64.0			29	232 1	7.0 L brk.	
			38	231 2	10.5 " Top bank	
			96	225 4	14.5 " bott channel	
			95	225 5	20.4 " " "	
			38	231 2	30 " Top bank	
2+00			48	230 2		⊼ Line
			48	230 2		41.0 R gnd
			41	230 9	8.6 L Top bank	
			97	225 3	11.6 " bott channel	
			93	225 7	17.6 " " "	

F.B. 2558 Pg. 32
Job No. 6253.20 Division No. 10 Notes Red ___ Plotted ___ Profile ___
Survey of Whittwood S.D. Line change Line "A" Date ___ Date ___ No. ___
Survey by Sappell Notes D.S. Notes Chkd. ___ Checked ___ X-Sec. ___
Indexed ~~C. Johnson~~ Date ___ Date ___ No. ___

76L-298 CE 307 11-58

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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.		
2+00		234 99	39	231 1	24.5 L Top bank	
			29	232 1	44.6 " brk.	
			27	232 3	58.0 " "	
			500	229 99	68.6 " F/L & Ed. pv.	Scott Ave
2+50			47	230 3	↑	Line
			49	230 1		42.0 R gnd
			46	230 4	8.0 L Top bank	
			90	226 0	13.0 " bott channel	
			88	226 2	16 " " "	
			39	231 1	24 " Top bank	
			35	231 5	74 " gnd.	
3+00			42	230 8	↑	Line
			46	230 4		40.0 R gnd
			38	231 2	10 L Top bank.	
			83	226 7.	13.5 " bott channel	
			83	226 7	18.0 " " "	
			35	231 5	25.0 " Top bank.	
			32	231 8	74.5 " gnd at side of house	
3+50			34	231 6	↑	Line
			41	230 9		41.6 R gnd
			30	232 0	8.4 L Top bank & Red wall	

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 6253.20 Division No. 10 Survey of Whittwood S.D. Line channel line No. Survey by Sabrell Notes Date Map No. Ind. C. Johnson

F.B. 2558 Pg. 33

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		
3+50		234 99	80	227 0	9° L bott channel	
			76	227 4	16° " " "	
			46	230 4	19.4 " brk.	
			27	232 3	25° " Top bank.	
			27	232 3	75° " gnd.	
T.P.			338	231 61	T.P.	
	830	239 91				
4+00			76	232 3	⊼	Line
			82	231 7		43 R gnd
			72	232 7	7° L Top bank	
			117	228 2	9.5 " bott channel	
			122	227 7	18° " bott "	
			71	232 8	24° " Top bank.	
			65	233 4	74° " gnd	
4+50			66	233 3	⊼	Line
			75	232 4		34.9 R gnd.
			58	234 1	15.1 L Top bank at	ret. wall
			117	228 2	16° " bott channel	
			116	228 3	24° " " "	
			64	233 5	29° " Top bank.	
			54	234 5	79 " gnd	

F.B. 2558 Pg. 34

Job No. 625320 Division No. 10 Notes Red. Plotted Profile

Survey of Whitwood S.D. Line change Line "A" Date Date No. X-Sec.

Survey by Sappell Notes D.S. Notes Chkd. Checked

Indexed C. Johnson Date Date No.

76L-298 CE 307 11-58

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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.		
5+00		239 91	58	234 1	⊼	Line
			67	233 2		31³R gnd
			50	234 9	18⁷ L	Top bank & Ret wall
			115	228 4	19⁰ "	bott channel
			113	228 6	26⁰ "	" "
			56	234 3	32⁰ "	Top bank
			52	234 7	82 "	gnd
5+18.52			54	234 5	PG 8 & 16	P.I No 1
5+34⁸			48	235 1	17² L	Top bank & Ret wall
			102	229 7	17⁴ "	bott channel
			108	229 1	27⁴ "	" "
			50	234 9	30⁵ "	Top bank
5+50			47	235 2	⊼	Line
			54	234 5		37 R gnd
			41	235 8	13 L	Top bank.
			109	229 0	15 "	bott channel
			109	229 0	20 "	"
			40	235 9	29 "	Top bank.
5+92²			1012	229 79	12⁸ L	Inv. 42" C.M. Drain pipe
6+00			43	235 6	⊼	Line
			45	235 4		39R gnd

Profile Notes Red ____ Plotted ____ Job No. 625320 Division No. 10 F.B. 2558 Pg. 98

No. ____ Date ____ Date ____ Survey of Whittwood Sch. Line Change line 4

X-Sec. Notes Chkd ____ Checked ____ Survey by Jappell Notes [illegible] Date [illegible]

No. ____ Date ____ Date ____ Mon No. ____ [illegible]

76L-298 CE 307 11-58

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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	[illegible]	H. I.	F S.	ELEV		
6+00		239 91	4 3	235 6	11 L Top bank.	
			10 2	229 7	19° " bott channel	
			9 8	230 1	24° " " "	
			3 6	236 3	28° " Top bank.	
			3 7	236 2	78 " gnd	
6+05			3 5	236 4	77° L gnd & bott	conc. cb.
			1 74	238 17	77° "	Top "
			2 24	237 67	78° " pre-mix dr.	
			4 4	235 5	26.5 L brk in slope	
6+09.3			2 2	236 7	32.5 L Top bank & bott cb.	
			1 69	238 22	32.5 " Top cb. end	
6+09.8			2 18	237 73	32.5 " cor. pre-mix dr. & Top bank.	
B.M. S.D. 1752			1 69	238 22	BM S.D. 1752, El. 238.204 To be adj., F.B. 2558-26, J.N. 6253.20	
			(corr.)	238 20	144' N. of ℄ Cullen St. & 217' E. of ℄ of Scott	
	3 20	241 40			Ave. Bt. spk in conc. cb. 3.5 W. of E. end	
					of cb. at N.E. cor. of car port.	
6+50			5 2	236 2	⊼ Line	
			5 3	236 1		39.5 R gnd
			5 1	236 3	10.5 L Top bank	
			10 5	230 9	14 " bott channel	
			11 3	230 1	23 " " "	

F.B. 2558 Pg. 36
Job No. 6253.20 Division No. 10 Notes Red ___ Plotted ___ Profile ___
Survey of Whittwood S.D. Line change line "A" Date ___ Date ___ No. ___
Survey by Sappell Notes D.S. Notes Chkd. ___ Checked ___ X-Sec. ___
Indexed C. Johnson Date ___ Date ___ No. ___

76L-298 CE 307 11-58

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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.		
6+50		241 40	73	234 1	24' L	brk in slope
			328	238 12	31.6 "	Ed pre-mix pr. of Top bank.
			355	237 85	74.0 "	Top brk pre-mix dr.
			412	237 28	81.6 "	pre mix dr. (on slope)
6+57.6			405	237 35	81.6 "	Ed dr. (on slope)
6+59.0			335	238 05	68.5 "	Ed dr.
			39	237 5	81.6 "	grd Top brk from N'ly edge dr.
6+62.3			310	238 30	30.8 "	Cor pre-mix dr. of parking lot.
6+63.0			1031	231 09		113.2 R inv. 42" C.M.P.
7+00			49	236 5		⊼ Line
			49	236 5		41.7 R grd.
			53	236 1	8.3 L	Top bank.
			111	230 3	13.0 "	both channel
			111	230 3	21 "	" "
			50	236 4	23 "	brk in bank
			34	238 0	29 "	Top bank.
			32	238 2	79 "	grd.
7+50			38	237 6		⊼ Line
			44	237 0		40 R grd
			44	237 0	10.0 L	Top bank.
			104	231 0	13.3 "	both channel

Profile Notes Red ____ Plotted ____ Job No. 625229 Division No. 10 F.B. 2558 Pg. 37

No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Whittwood Coll. Line Change Line 4+4

X-Sec. ____ Date ____ Survey by ____ Notes by ____ Date ____

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		
7+50		241 40	10 2	231 2	18° L bott channel	
			2 6	238 8	24° " Top bank.	
			2 4	239 0	74° "	
7+64°			2 14	239 26	70⁶ " Ed pre-mix dr.	
7+67⁶			3 5	237 9	25° L Top bank.	
			2 67	238 73	29⁵ " cor. pre-mix	pv.
8+00			3 8	237 6		⊼ Line
			3 3	238 1		39 R gnd.
			3 3	238 1	11 L Top bank	
			6 3	235 1	13⁷ " brk.	
			6 7	234 7	18 " Top brk.	
			9 5	231 9	19 " bott channel	
			9 9	231 5	25 " " "	
			3 0	23[illegible]4	29⁵ " Top bank	
			3 00	238[illegible]	32² " Ed pre-mix pv.	
			2 81	238[illegible]	79⁵ " pre-mix pv.	
T.P.			2 65	238 75	T.P.	
	683	245 58				
8+34.12			7 0	238 6	PG 8 & 17	P.I. No 2
8+50			6 9	238 7		⊼ Line
			7 4	238 2		32° R

F.B. 2558 Pg. 38

Job No. 6253.20 Division No. 10 Notes Red Plotted Profile

Survey of Whitwood S.D. Line change line "A" Date Date No.

Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.

Indexed C. Johnson Date Date Date No.

76L-298 CE 307 11-58

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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.			
8+50		245 58	67	238 9	18 L	Top bank.	
			106	235 0	29.0 "	" brk.	
			141	231 5	29.2 "	bott channel	
			141	231 5	31.7 "	" "	
			64	239 2	39.5 "	Top bank.	
			657	239 01	42.9 "	Ed pre-mix pv.	
			601	239 57	77.3 "	" " "	Drive & bott brk.
8+53			47	240 9	77.3 L	Top brk.	
8+54.2			1308	232 50	30.5 L	Top 4" pipe line & pt	
			1298	232 60	32.7 L	" 6" "	" "
8+61.9			66	238 0		⊼ Line	
			63	239 3	21.5 L	Top bank.	
			108	234 8	29.5 "	brk in bank.	
			138	231 8	31.9 "	bott channel	
			1278	232 80	35.7 "	Top 6" pipe line & pt.	
			146	231 0	35.7 "	bott channel	
			62	239 4	41.0 "	Top bank.	
			597	239 61	47.7 "	cor. pre-mix	parking lot.
			62	239 4	67.2 "	bott brk.	
			51	240 5	73.0 "	Top "	
			47	240 9	91.0 "	gnd	

Profile Notes Red ____ Plotted ____ Job No. 62-6220 Division No. 16 F.B. 2558 Pg. 39

No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Map No. ____ Index ____ Notes ____ Date ____

X-Sec. ____ Survey of Whitmore Sub-Lue ____

Surveyed by J. Torrell ____ Noted ____ Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F S.	ELEV		
8+93.4		245 58	7 98	237 60	36.0 L inv. 6" " conc. drain pipe	
8+94.1			7 37	238 21	60.5 " " " " " " in stand pipe	
9+00			60	239 6	⊼ Line	
			68	238 8		18.5 R gnd.
			57	239 9	21.5 L Top bank.	
			138	231 8	29.0 " bott channel	
			138	231 8	33.0 " " "	
			105	235 1	34.0 " brk in bank.	
			56	240 0	44 " Top bank	
			53	240 3	69.7 " bott brk.	
			44	241 2	72.7 " Top "	
			40	241 6	94.0 " gnd.	
9+50			55	240 1	⊼ Line	
			61	239 5		21' R gnd
			46	241 0	18.5 L Top bank	
			132	232 4	25.5 " bott channel	
			130	232 6	30.5 " " "	
			50	240 6	38.5 " Top bank.	
			45	241 1	88.5 " gnd.	
9+66			434	241 24	87.0 " Ed pv.	
9+68			431	241 27	87.0 " crown.	

F.B. 2558 Pg. 40 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whittwood S.D. Line change line "A" Date Date No. X-Sec.
Survey by Sappell Notes Notes Chkd. Checked
Indexed Johnson Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
9+70.0		245 58	4 90	240 68	87.0 L bott brk.	
9+80.5			4 04	241 54	42.5 " Cor. pre-mix	parking lot.
9+85.0			5 71	239 87	47.0 " F/L	
10+00			4 6	241 0	↗	Line
			5 7	239 9		35 R gnd.
			4 5	241 1	15 L Top bank.	
			12 1	233 5	20 " bott channel	
			12 5	233 1	24 " " "	
			4 7	240 9	36 " Top bank.	
			4 73	240 85	40 " Ed [illegible]	
			5 98	239 60	44.3 " F/L	
			4 32	241 26	86 " pre-mix parking lot.	
10+10.7			11 35	234 23	25.0 L Top 4" pipe line	
			10 95	234 63	27.9 L " 6" " "	
10+26.2			5 76	239 82	33.7 L Top bank & Ed spillway	
			5 36	240 22	38.5 " Top brk.	
10+28.2			7 19	238 39	33.8 " Ed. spillway	(Top & ctr.)
			6 29	239 29	38.5 " Int F/L's	
10+32.2			5 58	240 00	34.0 " Top bank &	Ed. spillway
			5 28	240 30	38.5 " Top brk.	

Profile No. X-Sec. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 6253.70 Division No. 16 Survey of Whitewood Sd - Line change line [illegible] Survey by [illegible] Notes [illegible] Date [illegible] Date [illegible] Date [illegible]

F.B. 2558 PG. 47

76L-298 CE 307 11-58

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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		
		245 58				
BMSD 1753			2 39	243 19	BMSD 1753 El. 243.206	F.B. 2558-28 J.N. 6253.20
			(corr.)	243 21	185.4 Ft. E. of ℄ Scott Jupiter St. - Bt. spk loading platform of U.S. Post Office Bldg.	Ave. & 46° N. of ℄ prod of in S.E. Cor. of Conc.
	421	247 42				
10+50°			57	241 7	⊼	Line
			74	240 0		40.6 R grd
			57	241 7	9.4 L Top bank.	
			12 9	234 5	17° " bott channel	
			12 9	234 5	22° " " "	
			71	240 3	33° " Top bank	
			6 99	240 43	36.8 " Ed pv.	
			6 96	240 46	38.2 " brk.	
			7 61	239 81	40.7 " bott brk.	
			7 42	240 00	83° " pvmt.	
10+73.98			55	241 9	PG. 9 & 18	P.I. No 3.
11+00			50	242 4	⊼	Line
			61	241 3		42 R grd.
			53	242 1	8 L Top bank.	
			12 5	234 9	22.5 bott channel	
			12 5	234 9	29° " "	
			64	241 0	30.5 Top bank.	

F.B. 2558 Pg. 42
Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whitwood S.D. - Line change line "A" Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
11+00		247 42	625	241 17	34.8 L	Ed pv. & Top brk.
			707	240 35	39.0 "	both "
			717	240 25	80.5 "	pvmt.
11+28.8			647	240 95	36.0 "	both brks.
11+32.6			668	240 54	84.0 "	both brk.
11+32.8			52	242 2	25.0 L	Top bank
			475	242 67	32.0 L	conc. pvmt.
11+34.2			484	242 58	84.0 L	Ed pv. & Top brk.
11+37.6			1152	235 90	14.7 L	Top 6" pipe line
			1212	235 30	14.7 "	" 4" "
11+50			51	242 3		⊼ Line
			44	243 0		12 R brk
			50	242 4		48" gnd
			53	242 1	2.0 L	Top bank.
			121	235 3	7 "	both channel
			125	234 9	12 "	" "
			36	243 8	23 "	Top bank
			47	242 7	73.0 "	gnd
12+00			40	243 4		⊼ Line
			41	243 3		45.0 R gnd
			41	243.3	5.0 L	Top bank.

Profile Notes Red ____ Plotted ____ Job No. 625-220 Division No. 16 F.B. 2558 Pg. 43

No. ____ Date ____ X-Sec. ____ Date ____ Survey of W Firestone Blvd - Lime Street Line 4"

No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Notes by ____ Date ____ Initialed G. Johnson

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV		
12+00		247 42	104	237 0	13° L bott channel	
			100	237 4	21° " " "	
			23	245 1	30 " Top bank	
			31	244 3	80 " gnd	
T.P.			382	243 60	T.P.	
	686	250 46				
12+46 54			55	245 0	PG 9 & 18	P.I. No 4
12+50			54	245 1		⊼ Line
			60	244 5		37R gnd
			49	245 6	13° L Top bank	
			130	237 5	22° " bott channel	
			132	237 3	30 " " "	
			47	245 8	41° " Top bank.	
			43	246 2	91° " gnd	
13+00			50	245 5		⊼ Line
			54	245 1		32 4 R gnd.
			48	245 7	17 6 L Top bank.	
			103	240 2	26° " brk.	
			131	237 4	27° " bott channel	
			130	237 5	33° " " "	
			31	247 4	44° " Top bank	
			33	247 2	94 " gnd.	

F.B. 2558 Pg. 44 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whitwood S.D. - Line change line "A" Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

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.		
13+50		25046	46	2459	⊼	Line
			44	2461		29 R gnd
			44	2461	21 L Top bank.	
			91	2414	30 " brk	
			130	2375	31 " bott channel	
			128	2377	37 " " "	
			25	2480	48 " Top bank	
			24	2481	98 " gnd.	
14+00			38	2467	⊼	Line
			30	2475		26 R gnd
			36	2469	24 L Top bank.	
			123	2382	29.5 " bott channel	
			123	2382	37.0 " " "	
			13	2492	50.0 " Top bank	
			16	2499	100 " gnd	
T.P.			214	24832	T.P.	
	407	252 39				
14+14.5			1255	23984	37.5 L Top 6" pipe line.	
14+30.4			45	2479	⊼	Line
			42	2482	17.0 L Top bank	
			91	2433	24.0 " brk in bank	

Profile Notes Red ____ Plotted ____ Job No. 6253.20 Division No. 10 F.B. 2558 Pg. 45

No. ____ Date ____ Date ____ Survey of Whitwood S.R. Line change line [illegible]

X-Sec. Notes Chkd ____ Checked ____ Surveyed by [illegible] Notes [illegible] Date [illegible]

No. ____ Date ____ Date ____ Mo. No. ____ Job [illegible] Job [illegible]

76L-296 CE 307 11-58

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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+30.4		252 39	143	238 1	25.0 L bott channel	
			155	236 9	32.4 " " "	
			109	241 5	36.0 " brk in bank	
		? 248.90	35	241 9	45.5 " Top bank.	
			35	248 9	95.5 " gnd.	
14+88.78			375	248 64	PG 12, 19, & 20 int ⊼ Line & ℄ Whittier	
" "	= 0+00 going E'ly along the ℄ of Whittier Blvd.					
0+04.3	E'ly		1420	238 19	see detail pg 21	49.9 R or S. bott box drain & bott channel
0+09.0	"		522	247 17		49.9 " Top H.W. & bank
0+14.7	"		45	247 9		49.9 " gnd.
			525	247 14		49.9 " Top End H.W.
0+26.0	"		374	248 65		℄ Whittier
			415	248 24		19.1 R w/4
			445	247 94		34.2 " cor conc apron
			459	247 80		36.2 " Int. apron & Ed. gutt.
			479	247 60		38.2 " bott cb.
			408	248 31		38.2 " Top "
0+29.1 +O.K.	"		505	247 34		38.2 R bott cb.
			906	243 23		39.6 " F/L 24" conc. pipe & bott basin
0+27.4	"		376	248 63		℄ Whittier
			388	248 51	19.1 L w/4	

F.B. 2558 Pg. 46 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whitwood S.D. - Line change line "A" Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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.		
BM 3-20B		252 39	334	249 05	BM 3-20B El. 249.036	F.B. 2518-14
			corr.	249 04	Whittier Blvd (N. side) 280'± E of Scott Ave	
					State Hwy Brass Disc. in S.E. cor. of catch basin	
0+27.4	E'ly			248 19	34'± L cor. conc. apron.	
"				248 10	36'± " int. ed. " ℄ gutt.	
"				247 97	38'± " both cb.	
"				—	38'± " depressed cb.	
"			Lenker	249 1	50 " P/L	
0+33.4	"			248 12	35.6 L brk in apron	
"				247 67	38'± " both cb.	
"				248 65	38'± " Top "	
"			Rod	246 52	40'± " both catch basin at ctr.	
0+43.1	"			245 68	40'± " Top spillway " "	
"				241 28	40'± " both. catch basin	
				241 12	45.6 " inv. 48" conc. pipe ℄ both basin	
0+50.8	"			245 85	40'± L Top spillway at ctr.	
				241 36	40'± " both catch basin	
				241 08	45'± " inv. 60" conc. drain pipe ℄ both basin	
0+57.2	"			247 43		38'± R both cb.
				248 43		38'± " Top "
				245 71		40'± " both catch basin

Profile No. ____ Notes Red ____ Plotted ____ Job No. 62533 20 Division No. 10 F.B. 2518 Pg. 47

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Whittier Blvd. Sta. 0+27 to Sta. 0+57 Map No. ____ Notes by ____ Date ____

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STATION	B.S.	H.I.	F.S.	ELEV		
				24820	35.8 L brk apron	
0+61.5	Elly			24782	38.1 L bott cb	
				24870	38.1 " Top "	
				24642	40 " bott catch	basin at ctr.
0+63.3	"			24800		34.2 R. cor. apron
				24791		36.2 " int Ed. " & gutt.
				24777		38.2 " bott. cb.
				24846		38.2 " Top "
0+67.8	"		Lenker Rod	24822	34.1 L	
				24815	36.1 "	
				24805	38.1 " same	
				24869	38.1 "	
T.P.				24827	T.P.	
1+00	"			24879		℄ Whittier
				24835		19.1 R w/4
				24794		36.2 " Ed gutt.
				24787		38.2 " bott cb.
				24849		38.2 " Top "
				2483		50 " P/L
				24860	19.1 L	
				24822	36.2 " same	
				24807	38.2 "	

F.B. 2558 Pg. 48

Job No. 6253.20 Division No. 70 Notes Red. Plotted Profile

Survey of Whittwood S.D. - Line change line "A" Date Date No. X-Sec.

Survey by Sappell Notes D.S. Notes Chkd. Checked

Indexed K. C. Johnson Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		
1+00	5'1/4			248 73	38± L Top cb.	
				249 1	50 " P/L	
1+66.8	"	T.M.H.		248 79	18± L T.M.H.	W. Rim
	see detail	pg. 22		236 09	both vault.	248.79 - 12.70 = 236.09
				238 07	Top 3" conduit (W. end)	248.70 - 10.72 = 238.07
					see detail of vault pg 22	
2+00	"			249 00		& Whitlier
				248 54		19± R w/4
				248 15		36± " Ed gutt.
				248 07		38± " both cb
			Lenker Road	248 72		38± " Top "
				247 8		50± " P/L
				248 80	19± L	
				248 43	36± "	
				248 31	38± " same	
				248 94	38± "	
				249 2	50	
				257 04	T.P.	
3+27 ± T.P.	"	Storm Drain M.H.		262 62	336± L storm drain	M.H. W. Rim
				256 61	inv. 24" outlet W/Y.	
				256 86	inv. 24" inlet N.	from catch basin at La Alba Dr. & Jemine
				256 63	inv. 24" " E.	
				254 92	T.P.	
4+00.6 T.P.	"	T.M.H.		249 14	26± L T.M.H.	W. Rim
	see pg 22 for			239 54	both vault.	249.14 - 9.60 = 239.54
	detail of vault.			242 14	Top 2" conduit W end vault	249.14 - 7.00 = 242.14

Profile Notes Red ____ Plotted ____ Job No. 625220 Division No. 10 F.B. 2558 Pg. 43

No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Whitlier Lenker Sewer Notes by J. Sartor Date ____

No. ____ X-Sec. ____ Date ____ Date ____ Map No. ____ Index ____ Date ____

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STATION	B.S.	H.I.	F.S.	ELEV		
5+61.6	Elly			242.68	45.6 L inv. 60" conc. Drain pipe outlet.	
5+63.6	"	Drain M.H.		250.17	46.6 L Drain M.H.	
5+65.6	"			243.68	45.6 " inv. 48" conc. Drain " inlet.	
TP				248.45	T.P.	
14+90.0 Whittier				245.16	50.5 L or S. Top of 6" pipe line	
				246.46	51.4 " " " " 18" " "	
14+95.5	see	detail pg 21		238.25	49.9 " bott box drain at H.W.	
15+00			Lenker Rod	248.65		℄ Whittier.
				248.55		19.1 R W/4
				248.10		36.2 " Ed gutt.
				248.00		38.2 " bott cb.
				—		38.2 " depressed cb.
				248.93		50 " P/L & back walk
				251.6		71.5 " Top brk.
				248.30	19.0 L	
				247.79	36.2 "	
				247.70	38.2 "	
				248.31	38.2 "	
15+06.7				248.3	50.1 L 9nd.	
				247.37	50.1 " Top end H.W.	
15+29.5				249.00		49.3 R End Top H.W. & gzl.
15+32.9				241.59	see detail pg 21	50.1 " bott box drain at H.W.
				247.15		50.1 Top conc. side slope

F.S. 2558 Pg. 50 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whittwood S.D. - Line change line "A" Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
Indexed ~~C. Johnson~~ Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		
15+34.0				241.66		51.9 R bott conc. channel
15+36.9				247.86		57.0 " Top 20" metal water pipe
15+39.36				248.81	PG 12, & 20 int. ℄ Whittier & ⊼ Line N'ly	
" "	= 0+00 going W'ly along the ℄ of Whittier Blvd.					
0+16.0	W'ly			248.27	34.2 L or. So. cor. conc. apron.	
				248.12	36.2 " int. ed. gutt & "	
				247.98	38.2 " bott cb.	
				248.63	38.2 " Top "	
0+19.3	"			248.13	36.2 " Brk	
				247.63	38.2 " bott cb.	
				244.28	40.2 " inv. 24" conc. drain pipe & bott C.B.	
0+22.5	"			248.59		34.1 R cor. conc. apron
				248.46		36.1 " int ed gutt & "
				248.24		38.1 " bott cb.
				249.01		38.1 " Top "
0+25.6	"			248.09		38.1 " bott "
				244.76		38.7 " bott catch basin
0+47.4	"			248.50	35.4 L Brk	
				248.00	38.2 " bott cb.	
				246.62	38.7 " bott catch basin	
0+47.7	"			243.54		38.6 R inv. 24" conc. drain pipe

Profile Notes Red Plotted Job No. 625320 Division No. 10 F.B. 2558 Pg. 57

No. X-Sec. Date Date Survey of Whittwood Ave. Line [illegible]

Notes Chkd. Checked Survey by [illegible] Notes [illegible] Date [illegible]

No. Date Date Mon. No. [illegible] G. Johnson

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F.B. 2558 Pg. 52 Job No. 6258.20 Division No. 10 Notes Red. Plotted. Date. No. X-Sec. No.
Survey of Whitwood S.D. - Line change line "A" Date. Notes Chkd. Checked. Date. Date.
Survey by Sam H. Notes D.S. Indexed C. J. Carlson Date.

STATION	B.S.	H.I.	F.S.	ELEV			
0+33.3 +0.k.	W'ly	T.M.H		248.56			26° R T.M.H. W. Rim
	Elev. Taken when Line "A" was run F.B. 2548 pg?						
0+53.0	"			248.70	34.2 L	cor. conc.	apron.
				248.54	36.2 "	int. ed	gutt. & "
				248.36	38.2 "	both	cb.
				249.02	38.2 "	Top	"
0+53.7	"		Lenker Rod	248.75			35.1 R Brk
				248.36			38.1 " both cb.
				244.30			38.6 " both catch basin
0+59.1				248.90			34.1 R cor. conc. apron
				248.81			36.1 " int ed gutt. & "
				248.70			38.1 both cb.
				249.36			38.1 Top "
0+65.9	"	S.M.H		249.37		W. Rim	22° R S.M.H.
	see F.B. 2548-?						Rim El - M+D = invert
				239.53	inv. 8 "	inlet N.	249.34 - (9.14+0.67) = 239.53
				239.43	8 "	outlet W.	249.37 - (9.27+0.67) = 239.43
				239.68	8 "	stub E	249.34 - (8.99+0.67) = 239.68

continued on page

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
Elev. of conc. box drain & conc. drain pipes under Whittier Blvd - see Loc. of Imp. PG 20 & 21						
BM 3-20B				249 04	BM 3-20-B El. 249.036 F.B. 2518-14 Whittier Blvd (N. side) 280 ± FT. E. of Scott Ave State Hwy Brass Disc. in S.E. cor. of Catch basin	
T.P.				241 64	T.P. Top 4" I.P. in bott channel	
0+00^{2}	E'ly			241 22	39^{7} L inv. 24" conc. drain pipe	
14+94^{2}	whittier		Lenter Rod	238 55	27^{5} " bott conc. box drain ∡ PT.	
14+94^{2}				245 65	27^{5} " Top inside " "	
14+99^{4}				241 20	40^{6} " inv. 24" conc. drain pipe	
15+05^{2}				238 65	28° L bott conc. box drain ∡ PT.	
				245 75	28 " Top " " "	
15+10^{7}				242 00	18^{2} " inv. 6" iron pipe	
15+10^{9}				239 99		11^{3} R inv. 4° conc. drain pipe
				239 44		13^{3} " bott box Drain
15+13^{2}				239 72		17^{4} R " " " ∡ PT.
				246 67		17^{4} " Top " "
15+22^{1}				239 78		12^{0} R inv 24" conc. drain pipe
				239 48		12° " bott box drain

Profile Notes Red ____ Plotted ____ Job No. 6258-29 Division No. 10 F.B. 2558 Pg. 53

No. ____ Date ____ Date ____ Survey of Whitwood Rd. Long Chance [illegible]

X-Sec. Notes Chkd ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]

No. ____ Date ____ Date ____ M.N. ____ J. C. Johnson

76L-298 CE 307 11-58

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F.B. 2558 Pg. 54 Job No. 625020 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of Whitwood S.D. - Line change Line "A" Date ____ Date ____ No. ____ X-Sec. ____
Survey by Lappell Notes D.S. Notes Chkd. ____ Checked ____ No. ____
Indexed A. C. Johnson Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F S.	ELEV		
15+24.3			Lenker Rod	239.77		17.2 R both box drain & PT
				246.52		17.2 " Top " "
15+25.9				241.39		41.2 R both " " & PT.
				247.26		41.2 " Top " " "
15+34.3				241.44		36.1 " both " " "
				247.11		36.1 " Top " " "
T.P.				243.30	T.P. side slope conc. channel	
BM 3-20B				249.04	BM 3-20B El. 249.036 description PG. 53	

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STATION	B.S.	H.I.	F.S.	ELEV.	cont. From page 52	
1+00	W'ly			249.83		℄ Whittier.
				249.68		19 R W/4
				249.30		36' " Ed gutt
				249.19		38' " bott ch
				249.85		38' " Top "
				250.7		50 " P/L
			Lenker Rod	249.47	19' L	
				249.01	36' "	
				248.94	38' " same	
				249.58	38' "	
				249.7	50 "	
1+00.9	"			249.81	50' L cor conc. pvmt.	
1+50.0	"			250.37		℄ Whittier Blvd
				250.20		19 R W/4
				249.87		36' R Ed. gut
				249.75		38' R Bot. Ch.
				250.40		38' R Top Ch.
				251.1		50° R P/L
				250.08	19' L W/4	
				249.54	36' L Ed gut	
				249.47	38' L Bot Ch.	

Profile No. X-Sec. Notes Red Date Notes Chkd. Plotted Date Checked Job No. 625320 Division No. 10 Survey of Whittwood S.D. Line change line 44 Survey by [illegible] Notes [illegible] Date [illegible] F.B. 2558 Pg. 53

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STATION	B.S.	H.I.	F.S.	ELEV		
1+50 W				250.12	38^2 L Top Cb	
				250.37	50^2 L Ed Conc. walk	
15+79.5 (↑ Line)				241 75		30^6 R. bott box drain at H.W.
15+81.4				249 04	see detail pg 21	28^7 " Top end H.W.
				247 6		28^7 " grnd.
				241 79		32^3 " bott channel & slope.
15+87.3				248 05		29^8 " R Top 20" on water line
15+96.3				249 42		6^5 R. N'ly Rim
				246 44		6^5 " Top 24" caped pipe
16+00			Lenker Rod	249 1		↑ Line bott brk.
				251 1		10 R Top "
				250 7		26^0 " " "
				247 39		32^2 " Top conc. channel
				242 16		33^9 " bott " "
				242 26		41^8 " " " "
				247 40		43^5 " Top " "
				250 7		52^0 " Top brk.
				251 6		93^5 " grnd.
16+42.1		S.M.H.		252 14		8^4 R. S.M.H. N. Rim Rim El. - (M+D) = Invert
		See F.B 2548-?		243 24	inv 8" inlet N.	252.14 - (8.23+0.67) = 243.24
				242 99	inv. 8" outlet S.W.	252.12 - (8.46+0.67) = 242.99

T.S. 2558 Pg. 56 Job No. 6253.20 Division No. 10 Notes Red. Plotted Profile
Survey of Whitwood S.D. Line change line "A" Date Date No. X-Sec.
Survey by Sappell Notes Chkd. Checked
Indexed C. Johnson Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		
16+50				251 7	↗	Line
				251 1		27^{6} R Top brk.
				248 36		36^{8} " Top conc. channel
				243 31		38^{5} " bott. " "
				243 28		45^{4} " " " "
				248 51		47^{1} " Top " "
				252 0		56^{0} " Top brk.
			Lenker Rod	253 5		97^{0} " gnd.
				251 3	13^{2} L gnd.	
$16+86^{0}$				249 45		40^{7} R. Top conc. channel 4 pt.
				244 22		42^{4} " bott " "
$16+92^{3}$				244 34		42^{2} " " " "
				244 27		49^{2} " " "
				249 38		51^{6} " Top " "
17+00				252 4	↗	Line
				252 2		30^{2} R Top brk
				249 56		38^{6} " Top conc. channel
				244 46		41^{2} " bott " "
				244 50		48^{0} " " " "
				249 56		50^{6} " Top " "
				253 2		61^{5} " Top brk.

Profile Notes Red ____ Plotted ____ Job No. 625320 Division No. 10 F.B. 2558 Pg. 57

No. ____ Date ____ Date ____ Survey of Whitwood S.D. Line change [illegible]

X-Sec. Notes Chkd. Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]

No. ____ Date ____ Date ____ M. No. ____ J. C. Tobin [illegible]

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STATION	B.S.	H.I.	F.S.	ELEV		
17+00				254.0		100.6 R gnd.
				252.2	11.4 L gnd.	
17+50				253.0		⊼ Line
				252.1		30.5 R Top brk.
				250.65		33.3 " Top conc. channel
				245.70		36.1 " bott " "
				245.69		42.7 " " " "
				250.76		45.4 " Top " "
				254.6		62.5 " brk
				256.06		95.4 " pre-mix dr.
				252.9	16.7 L gnd.	
17+95.0				249.59		39.0 R inv. 20" conc. drain pipe
T.P.				253.20	T.P.	
18+00				254.0		⊼ Line
				253.8		20 R Top brk.
				251.96		28.6 " Top conc. channel
				246.90		30.8 " bott " "
				246.95		38.0 " " " "
				252.10		40.5 " Top " "
				255.2		52.6 " Top brk.
				256.2		90.5 " gnd
				254.1	21.3 L gnd	

Lenker Rod

F.B. 2558 Pg. 58
Job No. 6253.20 Division No. 10 Notes Red ____ Plotted ____ Profile
Survey of Whitwood S.D. - Line change line "A" Date ____ Date ____ No. ____
Survey by Spare 11 Notes P.S. Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. Johnson Date ____ Date ____ No. ____

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STATION	B.S.	H.I.	F.S.	ELEV.		
18+03.3				258 63		inlet N'ly 211.4 R. inv. 24" conc. drain pipe
"				257 76		211.4 R. both " " "
18+04.9				257 03		outlet W'ly 208.3 R inv. 24" conc. drain pipe
18+39.8				255 8.		51.4 R gnd.
				251 69		51.4 " Top outside 24" (inside) conc. drain pipe
18+40.7				249 37		outlet 34 R inv. 24" conc. drain pipe
18+50				254 7		↑ Line
				254 5		20.0 R Top brk.
			Lenker Road	253 18		22.9 " Top conc. channel
				248 10		25.4 " both " "
				248 05		32.5 " " " "
				253 08		35.0 " Top " "
				257 0		53.0 " Top brk.
				256 8		85 " gnd.
				255 1	17' L. gnd.	
18+51.4				255 01		outlet s'ly 172.2 R inv. of 20" conc. drain pipe
18+48.9	+0.4			255 91		inlet s'ly 174.1 R. " " 24" " "
19+00				255 8		↑ Line
				255 3		15 R Top brk.
				254 21		17.4 " Top conc. channel
				249 21		20.1 " both " "
				249 25		27.0 " " " "
TP				257 46	TP	

Profile Notes Red ____ Plotted ____ Job No. 62-7220 Division No. 14 F.B. 2508 Pg. 59
No. ____ Date ____ Date ____ Survey of 100' Hazard Cut Line Channel

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		
19+00				254 31		29^{4} R Top conc. channel
				257 3		43^{5} " Top brk.
				257 4		79^{4} " gnd
				255 9	32^{6} L gnd.	
19+36.47 = 43+16.66 PG 11	F.B. 2518-57		Lenker Rod	256 8	Int. ⊼ Lines per PG 11 & F.B. 2518-57	
				255 21		13^{5} 'R Top conc. channel
				250 06		16^{1} " bott " "
				250 06		23^{0} " " "
				255 12		25^{5} " Top " "
				258 1		42 " Top brk
				258 3		75^{5} " gnd.
T.P.				256 11	T.P.	
BM SD 1714				262 29	BM SD 1714 El. 262.290 F.B. 2518-14, J.N. 6253.20 Whittier Blvd & Scott Ave, 400' N & 100' E. of ℄ int. Bt spk in lead in N.W. cor. of conc. irrigation weir box	

For additional cross-sections see F.B. 2548 pgs 5-108

F.B. 2558 Pg. 60 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whittwood S.D. Line change Line "A" Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

Profile	Notes Red.	Plotted	Job No. 6253.20	Division No. 10	F. B. 2558 Pg. 71
No.	Date	Date	Survey of Whittwood S.D. - Line "C"		
X-Sec.	Notes Chkd	Checked	Survey by Sappell	Notes	Date 12- -59
No.	Date	Date	Map No.	Indexed G. Johnson	Date 1-7-60

J.N. 6253.20 PROJ Nº 532

WHITTWOOD STORM DRAIN

CROSS-SECTIONS

OF

LINE "C"

FROM

BOUGARDUS AVE TO N.-E'LY ON RUSSELL ST. TO VALLEY HOME AVE.

FOR CROSS-SECTIONS FROM BOUGARDUS AVE TO NORTH W'LY ON RUSSELL ST TO STA 23+00 SEE F.B. 2547 PGS 244 TO 250

ELEV.	
F. B.	
H. I.	Party: Sappell
B. S.	Shoemaker Lieber Caro
STATION	

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76L-298 S & E #307—1-56

F. B. 2558 Pg. 72 Job No. 6253.20 Division No. 10 Notes Red ____ Plotted ____ Profile

Survey of Whitwood S.D. - Line "C" Date ____ Date ____ No. ____

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

Indexed H. C. Johnson Date ____ Date ____ Date ____ No. ____

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

OPEN 244 TO 250 "X" SECTIONS TO N.

SEE F.B. 2547 - FOR ADDITIONAL W'TY OF BOUGARDUS AVE ON RUSSELL ST.

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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.	CONT. FROM FB 2547-250	
1+75.1 N				311 71	Top cb	30' R E end C.R. N.E. cor
1+87.4 N				311 16		16' R Ed gutt
				311 02	bott cb	18 " N. end C.R. N.E. cor
				311 72	Top "	18 " " " "
				312 00		29.5 " back walk
1+97.4 N				311 26		18 R bott cb & end gutt
2+17.3 N				312 20		℄ Bovogardus
			Lenker	312 10		9 R w/4
				311 70		18 " bott cb.
				312 30		18 " Top "
				312 57		29.5 " back walk
			Rod	312 18	9.5 L bott pre-mix cb.	
				312 83	9.5 " Top " " "	
				312 5	12 " P/L	
24+86.0 N				308 13		9.8 R Ed pv.
24+89.7 N				308 75		10.5 R Top H.W.
				303 5		10.5 " bott "
				302 85		13.1 " inv. 60" corr. I.P.
				308 74		15.7 " Top H.W.
				303 3		15.7 " bott "
24+93.0 N				308 74		18.0 " Top end Wing wall

Profile No. ___ Notes Red. ___ Plotted ___ Job No. 6253.20 Division No. 10 F. B. 2568 Pg. 73
Date ___ Date ___ Survey of Whittwood S.D. - Line C
X-Sec. Notes Chkd. ___ Checked ___ Survey by J.S. Powell Notes J.S. Date 16
No. ___ Date ___ Date ___ Map No. ___ Inst. G. Johnson

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.		
24+93.0				303.9		18.0 R bott W.W. & rubble ditch
				308.1		18.0 " Top rubble wall
24+94.0				308.77		5.9 R Top End wing wall
				304.2		8.4 " bott bank & rubble ditch
				303.4		13.0 " bott rubble ditch
25+00				309.60		℄ Russell
			Lenker Rod	308.55		3.8 R Ed PV.
				308.6		5.4 " Top bank
				304.2		10 " bott rubble ditch
				303.9		18.6 " bott ditch & rubble wall
				307.5		18.6 " Top rubble wall
				308.3		21.0 " P/L
				308.3		30 " P/L
25+23.5				308.43	26.8 L ∡ PT. Ed 'X' gutt.	
25+48.4				309.25		℄ Russell
				309.13	15 L W/4	
				308.83	28.0 " Ed gutt.	
				308.64	30.1 " bott cb	
				309.33	30.1 " Top "	
				309.55	39.6 back walk.	
25+88.4				309.84		℄ Russell

F. B. 2558 Pg. 74
Job No. 6253.20 Division No. 10 Notes Red. Plotted Profile
Survey of Whittwood S.D. Line "C" Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
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.

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STATION	B. S.	H. I.	F. S.	ELEV.		
25+88.4				309 78	15 L	
				309 36	28.1	
				309 16	30.1	
				309 84	30.1	
				310 10	39.6	
26+00				310 06		℄ Russell
				309 86		3.8 R Ed pv.
			Lenker	310 0		9.0 " Top bank.
				306 0		11.0 " bott rubble ditch
				306 0		18.5 " " " "
				309 5		18.5 " Top rubble wall
				309 0		30 " P/L
T.P.			Rod	310 55	T.P.	
27+00				312 03		℄ Russell
				311 90		5.9 R Ed pv.
				312 1		9.0 " Top bank.
				307 7		11.5 " bott rubble ditch
				307 4		19.0 " " " "
				311 0		19.0 " Top rubble wall
				311 7		21 " Top brk
				311 7		30 " P/L
				311 91	15.0 L W/4	

Profile Notes Red. Plotted Job No. 6253-76 Division No. 10 F. B. 2558 Pg. 75
No. Date Date Survey of Whittwood J.D. Line C
X-Sec. Notes Chkd Checked Survey by J. Russell Notes [illegible] Date [illegible]
No. Date Date Map No. Initial C. Johnson

F. B. 2558 Pg. 76

Job No. 6253.20 Division No. ______ Notes Red ______ Plotted ______ Profile

Survey of Whittwood S.D. - Line "C" Date ______ Date ______ No. ______

Survey by Sappell Notes D.S. Notes Chkd ______ Checked ______ X-Sec.

Indexed A. C. Johnson Date ______ 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.		
27+00				311 27	28' L Ed gutt.	
				311 06	30' " bott cb	
				311 74	30' " Top "	
				312 01	39.6 " back walk.	
27+31.0				312 01		28.0 R cor. conc gutt.
				312 5		28.' " grnd.
				311 79		30 " bott cb. (Fnd.)
				312 54		30. Top "
27+31.33		F.B. 2547 pg 195 & 226	Lenker Road		int. ℄ Russell & ℄ prod Cullman.	
				311 77		20.4 R. end pre-mix cb.
				—		& Top rubble wall
				312 6		40 R P/L
27+32.3				312 37		21.4 R Top pre-mix cb.
27+38.3				312 02		20.4 R Ed pre-mix gutter & conc. cb.
27+44.9				312 13		30.0 R bott pre-mix cb.V
				312 93		30 " Top premix & conc. cb
27+49.2				[illegible] 38		28 R int Ed gutters.
28+00				314 13		℄ Russell
				314 00		5.2 R Ed pv.
				314 0		8.0 " Top bank.
				309 6		12.6 " bott rubble ditch
				309 4		20.4 " " " "

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.		
28+00				312 6		20^{4} R Top rubble wall
				313 9		21^{9} " Top brk.
				313 49		28 " Ed gutt
				313 35		30 " bott cb
				314 03		30 " Top "
				314 3		40 " P/L & Top planter
			Lenker	314 03	15^{0} L w/4	
				313 43	28^{1} " Ed gutt	
				313 24	30^{1} " bott cb.	
				313 90	30^{1} " Top "	
			Rod	314 11	39^{6} " back walk	
29+00				316 42		℄ Russell
				316 27		5^{1} R
				316 2		9^{4} " Top bank
				311 2		13^{4} " bott rubble ditch
				311 2		19^{7} " " "
				314 8		19^{7} " Top rubble wall
				316 1		21^{2} " Top brk.
				315 71		28 " Ed gutt
				315 53		30 " bott cb
				316 23		30 " Top "
				316 4		40 " P/L

Profile Notes Red. Plotted. Job No. 62520 Division No. 10 F. B. 2558 Pg. 77
No. Date Date Survey of Whittwood Jnd - Line "C"
X-Sec. Notes Chkd. Checked Survey by Sappell Notes Dr. Date
No. Date Date Map No. Int'l Ed. C. Johnson

76L-298 S & E #307—1-56

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320.392

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STATION	B. S.	H. I.	F. S.	ELEV.		
29+00				316.11	15' L w/4	
				315.67	28' " Ed gutt	
				315.43	30' " bott cb	
				316.11	30' " Top "	
				316.25	39' " back walk	
T.P.				318.27	T.P.	
29+87.32		F.B. 2547 - 196 & 227		318.27	int ℄ Russell & ℄ prod Newcomb	
30+00			Lenker Rod	318.50		℄ Russell
				318.30		5' R Ed pv.
				318.2		8.0 " Top bank
				313.5		11.7 " bott conc. & brick ditch
				313.3		19.6 " " "
				316.7		19.6 " Top rubble wall
				318.0		21.5 " Top brk.
				317.88		28.0 " Ed gutt.
				317.67		30.0 " bott cb
				318.43		30.0 " Top "
				318.5		40 " P/L
				318.40	15 [illegible] w/4	
				317.77	28 [illegible] Ed gutt	
				317.68	30' " bott cb.	

F. B. 2558 Pg. 78 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whitwood S.D. - Line "C" Date Date No. X-Sec.
Survey by Sappell Notes D.J. Notes Chkd Checked
Indexed A. 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.		
30+00				318.33	30.1 L Top cb.	
				318.54	39.6 " back walk	
30+54.0				315.11		12.6 R bott brick & conc. ditch
				314.87		19.1 " " " "
30+55.3				315.61		12.6 " " " "
				315.51		19.1 " " "
31+00				320.44		℄ Russell
			Lenker Rod	320.27		5.1 R Ed pv.
				320.0		8.5 R Top bank
				316.8		12.6 R bot conc ditch
				316.7		19.1 R "
				320.4		19.1 R Top rubble wall
				320.5		21.6 R Top brk
				319.90		28.0 R Edge Gutter
				319.70		30.0 R Bot Cb
				320.41		30.0 R Top Cb
				320.5		40.0 R P/L
				320.34	15.0 L W/4	
				319.77	28.1 L Ed gutter	
				319.60	30.1 L Bot. Cb.	
				320.29	30.1 L Top Cb.	

Profile Notes Red. Plotted Job No. 625320 Division No. 10 F. S. 2558 Pg. 79
No. Date Date Survey of Whittwood Jd - Line "C"
X-Sec. Notes Chkd Checked Survey by Tappan Notes Date
No. Date Date Mgr. No. Job No. G. Johnson

76L-298 S & E #307—1-5[illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.		
31+00				320.54	39.6 L Back of walk	
31+99.0				321.22		8.4 R Top conc wall
				319.1		8.4 " Ind at bott wall
				319.0		12.4 R Bot conc ditch
+o.k. 31+88.8				321.81	30.1 L Top cb. (brk)	
32+00				322.08		℄ Russell
				318.5		18.8 R bott conc. & brick ditch
				322.2		18.8 " Top rubble wall
				321.48		28 " Ed gutt
				321.28		30 " bott cb.
				322.00		30 " Top "
				322.0		40 " P/L
32+01.8				322.03		9.4 " Ed pv.
				321.28		10.1 " Top conc wall
				319.1		10.4 " bott " & brick ditch
32+07.41		F.B. 2547 PG 198 & 229		322.21	int ℄ Russell &	℄ prod Lindesmith
" "	5	0+00	going	N along ℄ Lindesmith		
0+15 N				322.04		℄ prod "
0+28.1 "				321.61		" Ed gutt.
0+30.1				321.49		1.5 R bott box drain
"				322.46		2.0 " Top cb & Ed walk
"				321.47	1.5 L bott box drain	

Lenker Rod

F. B. 2558 Pg. 80 Job No. 6253.20 Division No. 10 Notes Red. Plotted Profile
Survey of Whittwood S.D. Line "C" Date Date No. X-Sec.
Survey by Sappell Notes D.S. 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. B.	ELEV.		
0+30.1	N			322 43	2.0 L Top cb & Ed walk.	
0+39.6	N			322 60	2.0 " int ed of walks.	
0+40	N			322 64		2.0 R Ed walk brk
				322 61	2.0 L Ed walk brk	
0+49.7	N			325 01		2.0 R " " brk
				325 02	2.0 L " " "	
0+61.9	N			323 84		1.5 R bott box drain
			Lenter Rod	323 85	1.5 L bott box drain	
0+62.4	N			324 09		6.1 R bott cb
				324 79		6.1 " Top "
				324 04	6.1 L bott cb	
				324 75	6.1 " Top "	
0+66.2	N			324 42		℄ prod Lindesmith - Ed gutt.
				324 38		6.1 R. Ed gutt.
				324 44	6.1 L Ed gutt.	
0+95.3	N			325 18		℄ Linesmith
				324 55		25.8 R Ed gutt.
				324 36		27.7 " bott cb
				325 04		27.7 " Top "
				325 24		39.1 " back walk
				324 57	25.8 L Ed gutt.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6253.20 Division No. 10 F. B. 2558 Pg. 81
Date ____ Date ____ Survey of Whittwood S.D. - Line C
X-Sec. Notes Chkd ____ Checked ____ Survey by Sappell Notes D.S. Date ____
No. ____ Date ____ Date ____ M. No. ____ Inf. No. C. Johnson

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.		
0+95.3 N				324.40	27.7 L bott cb.	
				325.07	27.7 " Top "	
				325.31	39.4 " back walk.	
32+16.4				322.20		9.3 R Ed pv.
			Lenker Rod	321.22		10.3 " Top conc. wall
				319.0		10.3 " bott conc. & brick ditch
32+19.8				321.88	Top bank.	6.8 " Top End conc wall
32+30.6				322.3		8.7 R Top bank
				319.2		11.5 " bott brick & conc. ditch
				319.1		18.8 " " " "
				321.77	30.1 L bott cb.	
				322.50	30.1 " Top "	
32+43.30		FB 2547 PG. 198 & 230		322.75	Int. ℄ Russell & ℄ prod Lindesmith to S.	
32+85.4				323.24		℄ Russell
				323.01		5.1 R Ed pv.
				323.3		6.7 " Top bank.
				320.4		10.2 " bott conc. & brick ditch
				319.9		18.2 " " " "
				323.8		18.2 " Top rubble wall
				322.96		28 " Ed gutt
				322.75		30 " bott cb.

F. B. 2558 Pg. 82 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whittwood S.D. - Line "C" Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
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.		
32+85±				323 47		30 R Top cb.
				323 4		40 " P/L
				323 14	15.9 L W/4	
				322 77	28.1 " Fd gutt.	
				322 59	30.1 " bott cb.	
			Lenker	323 29	30.1 " Top "	
				323 6	39.9 " face block wall	
33+19.2				320 1		9.8 R Ed conc. & brick bott. ditch
33+25.6				320 2		18.1 " " " "
				324 2		18.1 Top end rubble wall
33+29.0			Pool	321.4		6.6 R Cor Conc & brick bott. ditch
				320.1		9.8 R End Brk " " "
				320.2		18.1 R Cor " " "
Bm S.O. 1746				320 40	Bm S.O. 1746 El. 320.392	F.B. 2518-8 - U.N. L25320
			Corr.	320 39	Rivet St. 385± Ft. W of Tigrina Ave - 8 spk	
					in N. cb. on W. line of lot for Ho. #16309	
33+47.1				325 37	40.4 L Top wing wall & gnd.	
				324 45	40.4 " bott " "	& conc. apron
33+47.2				324 00	30.1 " Top cb.	
33+47.7				323 35	30.1 L bott "	
				323 91	30.1 " Top "	

Profile Notes Red. Plotted Job No. 62-233 Division No. 10
No. Sec. Date Date Date Survey of Whitmore St. Line "C"
Notes Chkd. Checked Survey by J. Pickell Notes K. Johnson
F. B. 3559 Pg. 85

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
33+47.7				323.57	30.6 L conc. apron	at back of cb.
33+48.4				327.95	50.5 L Top end	head wall
				324.63	50.5 " bott H.W.	& conc. apron
33+49.9				324.68	50.5 L inv. 36" corr.	I.P.
33+51.4				327.97	50.5 L Top end	head wall
				324.65	50.5 L bott.	" " & conc. apron
33+56.3				325.43	40.4 L Top wing	wall & gnd.
				324.37	40.4 L bott "	" & conc. apron.
33+61.1				323.49	30.1 L bott cb. &	wing wall
				324.09	30.1 L Top "	" "
33+74.3			Lenker Rod	324.7		37.6 R gnd at face of block wall
				324.5		40 R P/L
33+74.9				327.7		38.1 R gnd at back wall
				327.7		40 " P/L
33+85.4				323.77		℄ Russell
				323.75		5.2 R Ed pv.
				323.9		7.0 R Top bank
				320.9		7.0 " bott " & ditch
				321.3		17.0 " " " " "
				324.2		17.0 " Top bank
				323.99		28 " Ed gutt.

F. B. 2558 Pg. 84
Job No. 6253.20 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of Whittwood S.S. Line "C" Date ____ Date ____ No. ____
Survey by Sappell Notes Notes Chkd ____ Checked ____ X-Sec. ____
Indexed H. C. Johnson Date ____ Date ____ No. ____

76L-298 S & E #307—1-56

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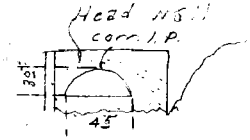
STATION	B. S.	H. I.	F. S.	ELEV.		
33+85 4				323 80		30' R bott cb.
				324 49		30 " Top "
				324 8		37 8 " gnd at face wall
				327 5		38 4 " " " back "
				327 5		40 " P/L
			Lenker Rod	323 84	15' L W/4	
				323 95	28' " Ed gutt	
				323 93	30' " bott cb.	
				324 44	30' " Top "	
				324 5	36 " brk.	
				325 8	40 " P/L side slope.	
34+11 3				324 69		5 6 L pvmt & end wing wall
				325 61		5 6 " Top " "
				321 0		5 6 " bott ditch
34+16 4				324 83		5 6 " pvmt at end H.W.
				325 66		5 6 " Top Head wall
				321 0		6 6 " bott ditch
				320 59		10 8 " inv. 3°x4 5 carr. I.P.
				325 66		16 6 " Top end head wall
				321 2		16 6 " bott ditch
				325 1		16 6 " Top bank.



Profile No. X-Sec. Notes Red. Date. Notes Chkd. Date. Plotted Date. Checked Date. Job No. 6253.20 Division No. 10 Survey of Whittwood J.D. - Line C. Survey by Jappell Notes Date. Map No. Job No. G. Johnson

F. B. 2558 Pg. 85

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
34+25.4				325 25		℄ Russell
				325 10	15 L w/4	
				324 36	28.0 " Ed gutt	
				324 74	30.2 " bott cb	
				325 34	30.7 " Top "	
				325 6	36.7 " brk	
				326 1	40 " side slope & P/L	
34+27.7			Lenker Rod	325 27		℄ Russell
				325 18		19.0 R Ed pv.
				324 80		28 " Ed gutt
				324 61		30 " bott cb.
				325 30		30 " Top "
				325 6		38.6 R gnd at face wall
				327 0		39.1 " " " back "
34+37.7				325 71		35.5 R cor. walk
				325 77		39.5 " " "
34+62.2				325 88	27.0 L ∡ pt Ed "X" gutt	
T.P.				322 74	T.P.	
34+88.23				326 90	F.B. 2547-202 & 231	℄ int. Russell & Tigrina
" "	= 0+00	going		N &	S'ly along the ℄ of Tigrina	
0+04 N				326 94		℄ Tigrina

F. B. 2558 Pg. 86 Job No. 6253.20 Division No. 10 Notes Red. Plotted Profile
Survey of Whittwood S.D. Line "C" Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
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.		
0+15° N				326 77		℄ Tigrina
0+24² N		S.M.H.		326 79		5° R SMH. N. Rim
						Rim El. -(M+D) = invert
				319 94	inv. 8" inlet N. 326.79	-(6.18+0.67) = 319.94
				319 75	" 8" outlet E. 326.82	-(6.40+0.67) = 319.75
0+27° N				326 65		℄ Tigrina Ed "X" gutt.
0+30° N				326 56		℄ " F/C " "
0+33° N			Lenker Rod	326 65		℄ " Ed "
				326 95		12° R int Ed gutter
				326 34	13' L int Ed gutters	
0+77⁵ N				327 94		℄ Tigrina
				327 87		7⁵ R W/4
				327 80		13 " Ed gutt.
				327 58		15 " bott cb.
				328 20		15 " Top "
				328 8		27 " P/L
0+80° N				328 00		℄ Tigrina
				327 89	7⁵ L	
				327 63	13' " same	
				327 47	15' "	
				329 08	15' "	
				328 1	27 "	

Profile Notes Red. Plotted Job No. 6253-20 Division No. 10 F. B. 2558 Pg. 87

No. X Sec. Date Date Survey of Whittwood Sd. Line C"

Notes Chkd. Checked Survey by Jappell Notes Dis. Date

No. Date Date No. Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+82.0	N			327.86		13.0 R cor. gutt.
0+82.5	"			327.71	13.1 L cor. gutt.	
1+00	"	S.M.H.		328.57		5.0 R S.M.H. S. Rim
					Rim	El - (M + D) = invert
				321.40	inv. 8" inlet N 328.63	-(6.56+0.67) = 321.40
				321.20	" 8" outlet S 328.57	-(6.70+0.67) = 321.20
1+17.5	"			329.16		℄ Tigrina
				329.04		7.5 R w/4
			Lenker Rod			
				328.74		15 " bott cb.
						15 " depressed cb.
				329.7		27 " P/L
				329.00	7.5 L w/4	
				329.68	15.1 " bott cb.	
					15.1 " depressed cb.	
				329.5	27 " P/L	
2+17.5				332.29		℄ Tigrina
				332.14		7.5 R w/4
				331.74		15 " bott cb.
				332.38		15 " Top "

F. B. 2558 Pg. 88 Job No. C253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whittwood S.D. - Line "C" Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd Checked
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.		
2+17.5	N			333 0		27 R P/L
				332 11	7.5 L W/4	
				331 80	15.0 " bott cb.	
				332 40	15.1 " Top "	
				332 7	27.0 " P/L	
0+39.0	S.			326 28		38.5 R or West back walk.
0+62.8	S			325 31	"	16 " cor. gutt.
				325 12	bott cb	18 " S. end C.R. [illegible]
				325 76	Top "	18 " " "
0+71.8	S		Lenker Rod	325 77	16 L or East cor. gutt.	
				325 58	18 " bott cb. - S. end C.R. S.E. cor.	
				326 28	18 " Top " - " " "	
0+72.8	S			325 77		℄ Tigrina
				325 44		9 R W/4
				324 92		18 " bott cb.
				325 55		18 " Top "
				325 87		29.5 " back walk.
0+81.8	S			325 55		℄ Tigrina
				325 57	9 L	
				325 26	18 " same	
				325 88	18 "	

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Job No. 6253.20 Division No. 10 Survey of Whitwood S.D. Line "C" Survey by Sd Bell Map No. Notes C. Johnson Date 16 Date

F. B. 3550 Pg. 89

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+81.8 S				326 24	29.5 L back walk	
		— Flow to South. —				
35+13.7 (Russell St.)				327 42	27.0 L ∡ PT Ed gutt.	
BMSD-1747				328 58	BMSD-1747, El. 328.575 F.B. 2518-8 U.N. 6253.20	
					Russell St. & Tigrina Ave, N.E. cor. Bt. spk	
					in curb 5.0 E of E. end C.R.	
35+49.2				328 19		28.5 R Ed gutt & pre-mtl pv.
				328 81		35.5 R cor. conc. walk.
				328 87		39.5 " " " "
35+51.2				328 97		℄ Russell
			Lenker Rod	329 00	2.5 L	
				328 74	15 " w/4	
				328 25	28 " Ed gutt	
				328 14	30 " bott cb.	
				328 75	30 " Top "	
				329 3	40 " P/L	
35+59.2				329 20		℄ Russell
				328 68		18.5 R Ed pv.
				328 42		28 " Ed gutt.
				328 21		30 " bott cb
				328 91		30 " Top "
				329 3		40 " P/L

F. B. 2558 Pg. 90 Job No. 6253.20 Division No. 10 Notes Red. Plotted Profile
Survey of Whittwood S.D. Line "C" Date Date No.
Survey by Sappell Notes 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.		
35+69.0				329 24		8.8 R pvmt
				329 34		8.8 " Top end Head wall
35+69.7				324 8		9.5 " bott ditch
				323 58		14.1 " inv. 3.0x4.8 corr. I.P.
				329 33		19.4 " Top end H.W. & bank
				324 3		19.4 " bott ditch
35+74.8			Lenker	329 33		8.8 R Top end wing wall & bank
				325 7		8.8 " bott ditch
35+ 91.2				330 10		℄ Russell
				330 04		5.7 R Ed pv.
			Rod	329 9		9.5 " Top bank
				325 5		11.0 " bott ditch
				325 2		18.8 " " "
				329 4		22 " Top bank
				329 25		28.1 " Ed gutt.
				329 08		30.1 " bott ch.
				329 79		30.1 " Top "
				330 2		40 " P/L
				330 15	4.0 L	
				329 95	15.0 " W/4	
				329 53	28.1 " Ed gutt.	

Profile Notes Red. Plotted Job No. 6253.70 Division No. 10 F. B. 2558 Pg. 91
No. Date Date Survey of Whittwood S.D. - Line "C"
X-Sec. Notes Chkd. Checked Survey by Sdorell Notes Date 1-6 32
No. Date Date Map No. Jobs C Jobs

76L-298 S & E #307—1-56

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F. B. 2858 Pg. 92 Job No. 6253.20 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of Whitwood S.D. - Line "C" Date ____ No. ____ X-Sec. ____
Survey by Zappell Notes D.S. Notes Chkd ____ Checked ____
Indexed C. Johnson Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
35+51.2				323.40	30.1 L bott cb.	
				330.23	30.1 " Top "	
				330.3	40 " P/L	
36+33.5				326.54		Top 4" I.P. at 13.3 R 45° bend.
36+33.6				325.27		14.5 " Top 4" I.P. at 45° bend.
36+34.3				325.12		20.4 " Top " " at 90° bend.
"				330.86		20.7 " " " "
36+35.9			Rod	330.94		24.4 " " " " End.
36+38.1				331.49		℄ Russell
				331.39		5.6 R Ed pv.
			Lenker	331.8		10.5 " Top bank
				326.3		11.7 " bott ditch
				326.3		19.9 " " "
				330.9		23.5 " Top bank
				330.50		28.1 " cor. gutt
				330.33		30.1 " bott cb. (End)
				331.05		30.1 " Top "
				331.51	5.4 L "	
				331.33	15 " w/4	
				331.00	28.1 " Ed gutt.	
				330.82	30.1 " bott cb.	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
36+38.4				331 47	30 L Top cb.	
				332 0	40 " P/L	
36+39.3				331 4		37.1 R gnd at face fn.
				331 0		37.6 " " " back "
				331 0		40.2 " P/L
36+40.2				331 6		37.1 " gnd
			Lenker Rod	332 1		40 " gnd
				333 6		40.2 "
36 + 40.5				332 58		12.6 " Top end. wing wall
				329 3		12.6 " bott " "
36+41.1				332 29		19.8 " Top end conc. "
				328 6		19.8 " bott " "
36+41.2				332 30		22.5 " Top end wing wall
36+42.1				332 24		12.1 " cor. conc. apron
36+42.5				332 44		13.4 " bott cb.
				332 62		13.4 " Top wing wall
				333 08		13.4 " Top cb.
				332 03		14.1 " Top inside bridge
				329 4		14.1 " bott ditch ahead
				326 0		14.1 " " " back
				332 03		19.8 " Top inside bridge

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 1253.70 Survey of Whitwood J.D. - Line 10 Survey by Jappell Notes D.J. Date 4-[illegible] Map No. Indexed Date

F.B. 2558 Pg. 93

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STATION	B. S.	H. I.	F. S.	ELEV.		
36+42.5				329.5		19.8 R bott ditch ahead
				326.0		19.8 " " " back.
				333.10		20.3 " Top cb. end
				332.27		20.3 " Top conc. wall
				332.48		20.3 " Top wing wall & bott cb.
				332.10		21.5 " Top conc. apron.
36+56.7			Lenker Rod	333.10		14.2 R Top cb. (end)
				332.31		14.2 " bott cb.
				332.44		14.9 " Top wing wall
				331.96		14.9 " Top inside bridge
				328.9		14.9 " bott ditch
				333.00		20.5 " Top cb. & wing wall
				331.91		20.5 " Top inside bridge
				329.3		20.5 " bott ditch
				332.30		22.0 " cor. apron.
36+57.1				332.25		13.7 R. cor. apron.
36+56.2 + O.K.				332.54		14.9 " Top bridge
				332.52		20.5 " " "
36+58.2				332.97		21.9 R Top end wing wall
"				328.8		20 " bott ditch
36+59.3				332.48		12.7 R Top end W. W. & bank

F. B. 2558 Pg. 94 Job No. 6253.20 Division No. 10 Notes Red. Plotted Profile
Survey of Whittwood S.D. - Line "C" Date Date No.
Survey by Sappell Notes 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.		
36+59.3				329.0		15° R bott ditch
BM SD 1748				332.59	BM SD 1748, El. 332.592, FB 2518-8, UN 6252.20	
					Russell St. & Pounds Ave, S.W. cor. - N.S.1	
					in lead 1° So. of S. end C.R.	
36+66.6				332.19		℄ Russell St.
				332.16	5.0 L Crown pvt.	
				332.00	15° L W/4	
				331.75	28' L Edge gutter	
			Lenker Rod	331.68	30' L Bot Cb	
				332.27	30' L Top "	
				332.7	40° L P/L	
37+00				332.97		℄ Russell St.
				332.90		5.4 R Ed. pvt
				333.0		10° R Top bank
				329.9		16° R Bot ditch
				329.3		19.3 R " "
				333.1		24.2 R Top bank
				333.6		40° R P/L
37+06.6				333.11		℄ Russell St.
				333.93	15.0 L W/4	
				332.83	28' L Ed gutter	

Profile No. X-Sec. Notes Red. Date Plotted Date Job No. 6252.20 Division No. 10 Survey of Whittwood J.D. - Line 6 Survey by Idappell Notes C.E.S. Date 12-[illegible]

F. B. 2558 Pg. 95

76L-298 S & E #307—1-56

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F. B. 2558 Pg. 96 | Job No. 62820 | Division No. 10 | Notes Red. | Plotted | Profile No.
Survey of Whitwood S.D. - Line "C" | Date | Date | X-Sec. No.
Survey by Zapell | Notes Shoemaker | Notes Chkd | Checked
Indexed C. Johnson | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
37+06.6				332.70	30.1' L Bot cb	
				333.30	30.1' L Top cb	
				334.7	40.2' L P/L	
37+15.4				333.34		℄ Russell St
				333.16		6.0' R ⊥ pt pvmt.
				333.0		11.2' R ⊥ pt Top bank
				328.9		15.5' R Bot ditch
				328.7		20.5' R " "
				332.8		23.2' R ⊥ pt Top bank
37+16.0				328.41		Invert. 17.8' R End 3.0'x4.8' Conc. I.P. Dr.
37+19.0			Lenker Rod	332.6		17.8' R End Top bank's
37+34.8				333.71		℄ Russell St.
				333.19		15.0' R W/L
				332.55	W end C.R. S.W. cor.	28.0' R Ed gutter end
				332.54	" " " " "	30.2' R Bot cb end
				332.14	" " " " "	30.2' R Top " "
				333.2		40.2' R P/L
37+51.8				333.76	21.2' L ⊥ pt Ed. gutter.	
37+70.43	Per F.B. 2547-204,233			334.32	℄ Int. Russell St & Pounds Ave N.	
" = 0+00		Going N. along ℄ Pounds Ave.				

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+15.0 N.				334.22		℄ Pounds Ave
0+27.0 N.				334.00		℄ " " Ed gutter
0+30.0 N.				333.91		℄ " " F/L "
0+33.0 N.				334.01		℄ " " Ed "
				334.14		13.0 R Ed gutter
				333.30	13.0 L Ed. gutter's	
0+40.0 N.				334.27		℄ Pounds Ave
			Lenker Rod	334.82		27.0 R Top cb
				335.3		34.0 R brk gnd
				337.1		39.4 R Top brk gnd
				334.34	27.3 L Top cb	
				335.5	38.0 L Top brk gnd	
0+55.0 N.				335.5		23.0 R Brk gnd
				337.1		37.0 R Top Brk
				334.9	18.5 Brk gnd	
				335.6	25.0 Top Brk gnd	
0+77.2 N.				335.39		℄ Pounds Ave
				335.25		7.5 R W/4
				335.04		13.0 R Ed. gutter
				334.89		15.0 R Bot. Cb
				335.52		15.0 R Top cb

Profile No. X-Sec. Notes Red. Date Notes Chkd. Date Plotted Date Job No. 6252.20 Division No. 10 Survey of Whittwood S.D. - Line "C" Survey by Sappell Notes C.E.S. Date 12-[illegible] Map No. Index C. Johnson

F. B. 2558 Pg. 97

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

F. B. 2558 Pg. 98 Job No. 6253.20 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of Whitwood Sub. Line "C" Date ____ Date ____ No. ____ X-Sec. ____
Survey by Szepell Notes Shoemaker Notes Chkd ____ Checked ____
Indexed C. Johnson Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
0+77.2 N				336.0		22° R Brk gnd
				337.1		27 R P/L & Top brk
				335.35	7.5 L	W/4
				335.13	13° L	Ed gutter
			Lenker Rod	335.01	15° L	Bot Cb
				335.05	15° L	Top "
				33[illegible]	27° L	P/L
0+82.0 N				335.25	13° L	Ed gutter end
				335.15	15° L	Bot. cb
				335.78	15° L	Top "
0+82.3 N				335.7		13° R Ed gutter end
				335.58		15° R Bot cb
				335.[illegible]		15° R Top cb
0+95.4 N		S.M.H.		———		5.2 R S.M.H.
				———	Rim El.	- (M+D) = Inv
				328.94	Inv 8" Inlet N. 336.05	- (6.44+0.67) = 328.94
				328.39	Inv 8" Outlet S. 335.95	- (6.89+0.67) = 328.39
1+17.2 N				336.97		℄ Pounds Ave
				336.90		7.5 R W/4
				336.35		15° R Bot Cb
				337.08		15° R Top Cb

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.		
1+17.2 N.				337.8		27.0 R P/L
				336.78	7.5 L W/4	
				336.51	15° L Bot Dep. Cb	
				337.4	27° L P/L	
2+17.2 N.				340.87		℄ Pounds Ave.
				340.76		7.5 R W/4
			Lenker Road	340.36		15° R bott cb
				341.22		15° R Top "
				341.5		27° R P/L
				340.75	7.5 L W/4	
				340.41	15° L Bot Cb	
				341.25	15° L Top "	
				341.2	27° L P/L	
37+79.8 E. (Russell)		S.M.H.		———	24.2 L S.M.H.	
				———	Rim El. - (M+D) = Inv	
				319.01	Inv 8" Inlet N. 334.24-(14.56+0.67) = 319.01	
				318.94	" " " E. 334.30-(14.69+0.67) = 318.94	
				318.99	" " " W. 334.28-(14.62+0.67) = 318.99	
				318.71	" " Outlet S. 334.34-(14.96+0.67) = 318.71	
				———		
				———		

Profile Notes Red. Plotted Job No. C253.20 Division No. 10 F. B. 2558 Pg. 99
No. Date Date Survey of Whittwood J.D. - Line "C"
X-Sec. Notes Chkd Checked Survey by Jappell Notes Chkd Date 12-.-53
No. Date Date Mag No. Job No. G Job 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.		
37+89.46 E				334.58	℄ Int Russell St & Pounds Ave S.	
"	=0+00	Going S along		℄ Pounds Per F.B. 2547-204, 234		
0+15.0 S				334.07		℄ Pounds Ave.
0+67.0 S				332.91	16.0 L Edge gutter, end	
				332.81	18.0 L Bot cb	
			Lenker Rod	333.50	18.0 L Top cb	
0+67.2 S				332.10		16' R Ed. gutter, end
				331.96		18' R Bot Cb
				332.60		18' R Top cb.
0+77.0 S				332.38		℄ Pounds Ave
				332.58	9.0 L W/4	
				332.54	18.0 L Bot cb	
				333.08	13.0 L Top "	
				333.3	30.0 L P/L	
0+77.2 S				332.38		℄ Pounds Ave
				332.15		9.0 R W/4.
				331.71		18' R Bot Cb
				332.33		18' R Top "
				332.6		30.0 R P/L

Flow to South.

F. B. 2558 Pg. 100 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whittwood S.D. - Line "C" Date Date No. X-Sec.
Survey by Sappell Notes Shoemaker 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.		
2+41.9 S		S.M.H.		———		5.0 R S.M.H.
				———	Rim El.	− (M.+D.) = Invert
				316.62	Inv. 8" Inlet N. 328.58	− (11.29 + 0.67) = 316.62
				316.50	" " Outlet S. 328.54	− (11.37 + 0.67) = 316.50
37+96.0 E				334.33	27.0 L	∠ pt edge gutter
38+32.2 E				335.42		℄ Russell St.
				335.28	15.0 L	W/4
			Center Rod	334.79	28.1 L	Ed. gutter
				334.62	30.1 L	Bot. cb.
				335.25	30.1 L	Top cb.
				335.7	35.4 L	Brk
				336.8	40.0 L	P/L & Top brk
38+37.5				334.86	28.1 L	∠ pt edge gut
				334.70	30.1 L	Bot Cb
				335.34	30.1 L	Top cb.
38+44.5				335.66		℄ Russell St
				335.25		15.0 R W/4
				334.63		28.1 R Ed. gutter, end
				334.45	E end C.R. S.E. cor.	30.1 R Bot cb "
				335.13	" " " "	30.1 R Top cb "
				334.7		40.0 R P/L

Profile Notes Red. ____ Plotted ____ Job No. 62553.20 Division No. 10 F. B. 25550 Pg. 101
No. ____ Date ____ Date ____ Survey of Whitewood J. D. Line
Y Sec. Notes Chkd. ____ Checked ____ Survey by Sparrell Notes C.F.J. Date 6-

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.		
38 + 56.8				335.88		℄ Russell St
				335.70		7.2 R ∠ pt edge put
38 + 59.0				335.2		18.0 R Begin top bank
38 + 61.8				331.54		inv. 3°x4.8 17.7 R Corr. I.P. Drain
38 + 64.0				336.00		℄ Russell St
			Lenker Rod	335.83		6.8 R Ed. put.
				335.5		13.5 R Top bank ∠ pt
				331.4		15.0 R Bot ditch
				331.4		20.5 R " "
				335.5		22.5 R Top bank ∠ pt
				334.8		40.0 R P/L
38+72.2				336.14		℄ Russell St
				335.96	15.0 L W/4	
				335.32	28.1 L Ed. gutter	
				335.20	30.1 L Bot. Cb	
				335.62	30.1 L Top cb	
				336.6	40.0 L P/L	
39+00				336.61		℄ Russell St.
				336.34		6.3 R Ed. put
				336.0		11.0 R Top bank
				332.6		14.0 R Bot ditch

F. B. 2558 Pg. 102 Job No. 6253.20 Division No. 10 Notes Red. Plotted Profile
Survey of Whitwood S.D. Line "C" Date Date No. X-Sec.
Survey by Sappell Notes Shoemaker Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
39+00				332.2		20.0 R Bot ditch
				335.9		22.5 R Top bank
				335.3		40.0 R P/L
39+28.1				336.97		℄ Russell St.
				336.80	15.0 L W/4	
				336.16	28.0 L Ed. gutter	
				336.02	30.0 L Bot cb	
				336.66	30.0 L Top cb	
			Lenker Rod	337.0	40.0 L P/L	
39+34.0				337.01		℄ Russell St.
				336.84		6.0 R Ed. put
				336.7		7.5 R Top bank
				333.9		10.0 R Bot. ditch
				334.1		18.0 R " "
				336.5		20.2 R Top bank
				335.9		40.0 R P/L
39+41.5				337.08		℄ Russell St.
				336.89		6.0 R Ed. put
				336.8		7.5 R Top bank
				333.9		10.0 R Bot. ditch
				334.3		17.5 R " "

Profile Notes Red. Plotted Job No. 6257.20 Division No. 10 F. B. 2558 Pg. 103
No. Date Date Survey of Whittwood J.W. - Line
X-Sec. Notes Chkd Checked Survey by Jappell Notes C.E.J. Date
No. Date Date Map No. Index No. C. Jon

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.		
39+41.5				338.3		21.8 R Top bank
				337.9		40° R P/L
39+85.1				337.60		℄ Russell St
				337.68	6° L Crown put	
				337.48	15° L W/4	
				336.85	28.1 L Ed gutter	
			Lenker Rod	336.79	30.1 L Bot cb	
				337.39	30.1 L Top cb	
				338.2	40.1 L P/L	
40+07.0				337.91		℄ Russell St.
				337.78		5° R Ed. put
				337.7		9.0 R 4 pt top bank
				334.5		11.0 R Bot. ditch
				334.4		18.5 R " "
				338.3		22° R 4 pt top bank
				338.2		40° R P/L
40+09.0				334.29		13.7 R Inv. begin 3°x4.8 Corr. I.P. Drain
40+11.5				337.8		13.7 R End top bank's
40+14.0				338.03		℄ Russell St.
				337.88		5° R 4 pt edge put
				338.00		8.2 R " " " "

F. B. 2558 Pg. 104 Job No. 6253.20 Division No. 18 Notes Red. Plotted Profile
Survey of Whittwood S.D. Line "C" Date Date No.
Survey by Sappell Notes Shoemaker Notes Chkd. Checked X-Sec.
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.		
40+25.1				338.20		℄ Russell St
				338.23	2° L Crown put.	
				337.84	15° L W/4	
				337.46	28° L Edge gutter	
				337.35	30° L Bot cb	
				337.98	30° L Top cb	
			Lenker Rod	338.8	40° L P/L	
40+27.6				337.50		26.7 R ∡ pt edge put.
40+34.8				338.32		℄ Russell St.
				338.00		15° R W/4
				337.47		28.1 R Edge gutter end
				337.24	W end C.R. S.W. cor	30.1 R Bot cb end
				337.86	" " " " "	30.1 R Top cb "
				337.8		40° R P/L
40+31.2 + o.k.				335.34		11.1 R Inv. 18" Corr. R. Drain
40+81.30				338.84	℄ Int Russell St. & Larrylyn Dr N.	
" = 0+00	Going N'ly along			Tan. Larrylyn Dr. Per F.B. 2547-206, 237.		
0+04.0 N'ly				338.87		℄ Larrylyn Dr
				338.58		℄ " "

Profile No. X-Sec. Notes Chkd. Date Plotted Date Checked Date Job No. 6252.20 Division No. 10 Survey of Whittwood S.D. - Line "C" Survey by Sarrell Notes C.G.V. Date 16- Map No. Inst. C. Johnson Date

F. B. 2558 Pg. 105

76L-298 S & E #307—1-56

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F. S. 2558 Pg. 106 Profile No. X-Sec. No.
Job No. 623220 Division No. 16
Survey of Whitwood Rd. - Lot "C"
Survey by Sapell Notes Shoemaker
Indexed R. C. Johnson Date
Plotted Date Checked Date
Notes Red Date Notes Chkd. Date

STATION	B. S.	H. I.	F. S.	ELEV.		
0+24.5 N.		S.M.H.				℄ Larrylyn Dr. S.M.H.
						Rim El - (M + D) = Inv
				330.63	Inv 8" Inlet N	338.60 - (7.30+0.67) = 330.63
				330.43	" " " E	338.60 - (7.50+0.67) = 330.43
				330.26	Inv " Outlet S	338.60 - (7.67+0.67) = 330.26
				330.28	" " " W	338.60 - (7.65+0.67) = 330.28
0+35.0 N.			Lenker Rd	338.66		℄ Larrylyn Dr.
0+43.9 N				338.18	19.4 L	⊥ pt edge gutter.
				337.93	21.5 L	Bot. Cb
				338.69	21.5 L	Top cb
0+58.1 N				338.52	14.1 L	⊥ pt edge gutter.
0+60.7 N				338.76		19.3 R Edge gutter
				338.62		21.5 R Bot Cb
				339.29		21.5 R Top "
0+63.8 N				338.56	13.9 L	Edge conc gutter.
				337.93	17.9 L	Bot. cb
				338.[illegible]	17.9 L	Top cb & CB.
				335.[illegible]	18.5 L	Bot. C.B.
				335.[illegible]	19.9 L	Inv 18" Corr. R.P. Drain
				3[illegible]	22.5 L	Top corner C.B.
0+72.6 N				3[illegible].2	18.4 L	Inv 18" Corr. R.P. Drain

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+77.9 N				338.74	13.8 L Ed conc gutter	
				338.00	17.8 L Bot cb	
				338.88	" " Top "	
				336.18	18.3 L Bot CB	
				338.99	22.2 L Top corner C.B.	
0+76.4 N OK				338.78		14.0 R 4 pt edge gutter
				338.52		18.0 R Bot cb
				339.20		" " Top "
0+81.9 N			Lanker Rod	339.00	Semi Tan. Larrylyn Dr.	
				338.76		13.8 R Edge gutter
				338.51		16.8 R Brk
				338.32		17.8 R Bot C.b.
				339.20		" " Top "
				336.45		18.3 R Bot C.B.
0+81.1 N				339.26		22.2 R Cor. Top C.B.
0+86.9 N				335.88		18.2 R Inv. 18" Corr. [illegible] Drain
0+96.3 N				339.20		℄ Larrylyn Dr
				338.83		15.8 R Edge conc. gutter
				338.25		19.1 R Bot Cb
				339.18		19.1 R Top "
				336.68		19.6 R Bot. C.B.

Profile Notes Red. Plotted Job No. 6253.20 Division No. 10 F. B. 2558 Pg. 107
No. Date Date Survey of Whittwood S.D. Line 3C
X-Sec. Notes Chkd. Checked Survey by Sdrvcll Notes Chkd. Date 1-6-
No. Date Date Map No. Job No. C. JOHNSON

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+96.5 N				339.26		23.5 R top cor. catch basin
1+00.3 N				339.28	(back) Semi ⊼ Larrylyn Dr	
				339.25		1.7 R W/L
				339.02		10.7 " W/4
				338.85		16.4 " Ed gutter
			Lenker Rod	338.44		19.7 " Bot Cb
				339.22		19.7 " Top "
				339.8		31.7 " P/L
				339.33	7.3 L W/4	
				339.09	14.6 " Edge gutter end	
				338.93	16.6 " Bot cb	
				339.58	16.6 " Top cb	
				339.6	28.3 " P/L	
1+04.3 N				338.88		16.4 R 4 pt Edge gutter
1+18.2 N				338.85		21.3 R Edge gutter end
				338.70		23.3 R Bot Cb
				339.37		23.3 R Top "
1+51.5 N - E'ly				340.10	(ahead) Semi ⊼ Larrylyn Dr.	
				339.92	13.4 L Edge gutter Begin	
				339.73	15.2 " Bot Cb	
				340.40	15.4 " Top cb	

F. B. 2558 PG. 108 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whittwood S.D. - Line "C" Date Date No. X-Sec.
Survey by Sappell Notes Shoemaker Notes Chkd Checked
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.		
1+55.6 N	E'ly			340.20		Semi ⊕ Larrylyn Dr
				340.16		2.1 R w/2
				339.76		11.1 R
				339.22		20.1 R Bot Cb
				339.86		20.1 R Top Cb
			Lenker Rod	340.2		32.1 R P/L
				340.24	6.9 L	w/4
				340.09	13.9	Edge gutter
				339.87	16.1	Bot. cb
				340.52	16.1	Top "
				340.8	27.9	P/L
1+83.8 N	E'ly	S.M.H.				℄ Larrylyn Dr. S.M.H.
					Rim El.	- (M + D.) = Invert
				332.40	Inv. 8" Inlet N.	340.84 - (7.77+0.67) = 332.40
				332.51	Inv. 8" " W.	340.83 - (7.65+0.67) = 332.51
				332.24	Inv 8" Outlet S.	340.83 - (7.92+0.67) = 332.24
2+05.15 N		F.B. 2547 -	207	341.17	℄ Int Larrylyn Dr & Rosin Ave	
40+86.50 E		F.B. 2547 -	206 & 236	338.93	℄ Int Russell St. & Larrylyn Dr. S.	
"		= 0+00	Going S'ly along ℄ Larrylyn Dr.			
0+30.0	S'ly			338.35		℄ Larrylyn Dr

Profile Notes Red. Plotted Job No. 6252.20 Division No. 10
No. Date Date Survey of Whittwood S.D. - Line "C"
X-Sec. Notes Chkd. Checked Survey by Lapuk & Notes C.E. Jones Date
Date Date Map No. Int. Date
F. B. 2558 Pg. 109

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+67.2 S.				337.55		℄ Larrylyn Dr
				336.77		13.2 R Edge gutter end
				336.63		15.2 R Bot cb
				337.22		15.2 R Top "
				337.54	13° L Edge gutter	
				337.33	15' L Bot cb	
				337.99	15' L Top cb	
0+77.2 S.			Lenker Rod	337.34		℄ Larrylyn Dr.
				337.04		7.6 R W/4
				336.54		15.2 R Bot cb
				337.11		15.2 R Top cb
				337.3		27° R P/L
				337.38	7.5 L W/4	
				337.20	15° L Bot cb	
				337.80	15° L Top "	
	Flow	to	South.	338.0	27° L P/L	
0+93.2 S		S.M.H.		———		5° R S.M.H.
				———	Rim El.	-(M + D) = invert
				329.60	Inv. 8" Inlet N. 336.82	-(6.55 + 0.67) = 329.60
				329.31	Inv 8" Outlet S. 336.80	-(6.82 + 0.67) = 329.31

F. B. 2558 Pg. 110 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whittwood S.D. Line "C" Date Date No.
Survey by Sappell Notes Shoemaker Notes Chkd Checked X-Sec.
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.		
BM. S.D. 1749				337.21	B.M. S.D. 1749 El. 337.214 F.B. 2518-8 JN 6253.20	
					Russell St. & Larrylyn Dr. S.W. Cor	
					Nail in lead. 1.5 Ft S. of S. end C.R	
41+29.7 E				339.05	32.5 L ∠pt edge gutter.	
41+37.6 E				335.55		10.5 R Inv. 18" Corr. I.R. Drain
41+38.3 E				339.74		℄ Russell St
				339.20		15.0 R W/4
				338.71		28.0 R Edge gutter end
			Lenker Rod	338.55	E end C.R. S.E. Cor.	30.0 R Bot cb
				339.20	" " " " "	30.0 R Top "
				339.4		40.0 R P/L
41+46.8				339.90		℄ Russell St.
				339.54	15.0 L W/4	
				339.46	26.0 L Edge gutter ∠pt	
				339.10	30.0 L Bot cb	
				339.74	30.0 L Top "	
				339.92		℄ Russell St
41+52.1				339.56	15.0 L W/4	
				339.51	26.0 L Edge gutter	
				339.09	30.0 L Bot cb	
				339.86	30.0 L Top cb	

Profile No. X Sec. Notes Chkd. Date Plotted Date Checked Date Job No. 6253.20 Division No. 10 Survey of Whittwood S.D. Line "C" Survey by: Sdrkell Notes C.F.S. Date 12-57 Map No. Labeled Date Drawn

F. B. 2558 Pg. 111

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
41+52.1				337.26	30.5 L	Bot C.B.
				339.95	33.4 L	Top back C.B.
41+53.3				337.06	30.5 L	Inv 18" Corr. I.P. Drain
41+57.1				339.63	26.0 L	Edge gutter
				339.10	30.0 L	Bot cb
				339.[illegible]	30.0 L	Top cb
				337.38	30.5 L	Bot C.B.
				340.02	33.4 L	Top back C.B.
41+55.0 ok			Lenker Rod	340.03		℄ Russell St
				339.81		5.4 R 4 pt edge put
41+59.0				339.3		12.7 R Begin Top bank's
41+61.0				335.31		Inv. 3.0 x 4.8 12.7 R Corr. I.P. Drain
41+64.0				340.17		℄ Russell St.
				339.95		5.4 R Edge put.
				339.7		6.5 R Top bank
				335.3		10.0 R Bot. ditch 4 pt.
				335.4		15.5 R Bot ditch 4 pt.
				339.8		19.0 R Top bank
				339.4		40.0 R P/L
				339.82	15.0 L	W/4
				339.77	26.0 L	Edge gutter

F. B. 2558 Pg. 112 Job No. 6252.20 Division No. 10 Notes Red Plotted Profile
Survey of Whittwood S.D. Line "C" Date Date No.
Survey by Sappell Notes Shoemaker 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.

STATION	B. S.	H. I.	F. S.	ELEV.		
41+64.0				339.44	30° L Bot cb	
				340.06	30° L Top cb	
				340.4	40° L P/L	
41+78.8				339.95	28° L Edge gutter	4 pt
				339.80	30° L Bot cb	
				340.45	30° L Top cb	
42+00				340.79		℄ Russell St.
				340.69		4.8 R Edge pvt
			Lenker Road	340.8		7.5 R Top bank
				336.9		9.5 R Bot ditch
				337.0		15° R " "
				340.8		16.5 R Top bank
				340.4		40° R P/L
				340.83	4° L Crown pvt	
				340.56	15° L W/4	
				340.46	28° L Edge gutter	
				340.31	30° L Bot cb	
				340.95	30° L Top cb	
				341.1	40° L P/L	
42+34.2				341.04		28° R Edge gutter begin
				340.88		30° R Bot Cb. End

Profile No. Y Sec. Notes Red. Date Notes Chkd. Plotted Date Checked Job No. 6252.20 Division No. 10 Survey of Whitwood S.D. - Line "C" Survey by Sidwell Notes C.F.J. Date 16 F. B. 2558 Pg. 113

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

B. 2558 Pg. 114 Job No. 6253.20 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of Whitwood St. - Line "G" Date ____ Date ____ No. ____ X-Sec. ____
Survey by Sapell Notes Shoemaker Notes Chkd. ____ Checked ____
Indexed G. Johnson Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
42+34.2				341.52		30.0 R Top cb end
				341.72		39.5 R Back of walk end
43+00				342.12		℄ Russell St
				342.04		4.8 R Edge put
				343.3		10.0 R Top bank
				338.3		12.0 R Bot. ditch
			Lenker Rod	338.9		17.0 R " "
				342.3		19.0 R Top bank
				342.50		28.0 R Edge gutter
				342.32		30.0 R Bot cb
				342.94		30.0 R Top cb
				343.15		39.5 R Back of walk
				343.13	3.0 L	Crown put
				342.88	15.0 L	w/4
				342.51	28.0 L	Edge gutter
				342.33	30.0 L	Bot. depressed cb
				343.2	40.0 L	P/L
43+02.7		S.M.H.		——	23.8 L	S. M. H.
				——		Rim El. - (M + D) = Invert
				335.00	Inv. 8" Inlet E.	342.74 - (7.07 + 0.67) = 335.00
				334.78	Inv 8" Outlet W.	342.68 - (7.23 + 0.67) = 334.78

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.		
44+08.8				345.42		℄ Russell St.
				345.32		5.0 R Edge put
				345.3		9.5 R Top bank
				341.5		13.5 R Bot Ditch
				341.3		16.5 R " "
				345.2		18.0 R Top bank
			Lenker Rod	344.78		28.0 R Edge gutter
				344.65		30.0 R Bot cb
				345.25		30.0 R Top cb
				345.47		39.5 R Back of walk
				345.47	4.5 L Crown Put	
				345.15	15.0 L W/A	
				344.78	28.0 L Edge gutter	
				344.65	30.0 L Bot. cb	
				345.28	30.0 L Top cb	
				345.6	40.0 L P/L	
44+48.8				346.25		℄ Russell St.
				346.15		5.0 R Edge put.
				346.2		7.5 R Top bank
				343.2		8.5 R Bot. ditch
				343.2		14.0 R " "

Profile No. X-Sec. Notes Red. Date Plotted Date Job No. 6252.20 Division No. 10 Survey of Whittwood S.D. - Line "C" Survey by Sappell Notes C.E.S. Date 16-8-57 Notes Chkd. Checked Date

F. B. 2558 Pg. 1155

76L-298 S & E #307—1-56

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F. B. 2358 Pg. 116 Job No. 6252.20 Division No. 10 Notes Red. Plotted Profile
Survey of Whitewood S.D. - Line "C" Date Date No. X-Sec.
Survey by Garrell Shaemaker Notes Chkd. Checked
Indexed C.J.C. Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
44+48.8				345.8		16.0 R Top bank
				345.63		28.1 R Edge gutter
				345.48		30.1 R Bot cb
				346.08		30.1 R Top cb
				346.30		39.6 R Back of walk
			Lenker Rod	345.95	15.0 L	W/4
				345.59	28.0 L	Edge gutter
				345.49	30.0 L	Bot cb
				346.14	30.0 L	Top cb
				346.4	40.0 L	P/L
44+84.9				346.61	26.8 L	℄ int edge gut.
45+08.2		S.M.H.		———	24.3 L.	S.M.H
				———		Rim El - M + D = Inv.
				339.62	Inv. 8" Inlet N	346.99-(6.70+0.67) = 339.62
				339.65	Inv 8" Inlet E	347.02-(6.70+0.67) = 339.65
				339.45	Inv 8" Outlet W	347.00-(6.88+0.67) = 339.45
45+13.33				347.62	℄ int Russell St &	Grayling Ave
"	= 0+00	Going N'ly along ℄ Grayling Ave				Per F.B. 2547-209,239
0+15.0 N.				347.29		℄ Grayling Ave edge gutter
0+26.8 N.				347.03		℄ " "
0+29.8 N.				346.97		℄ " " F/L gutter

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.		
0+32.8	N			347.09		℄ Grayling Ave & Ed. gutter.
				347.32		12.8 R Int edge gutter's
				346.83	12.9 L Int edge gutter's	
0+76.7	N			347.80		℄ Grayling Ave
				347.82		13.1 R Edge gutter.
				347.64		15.1 R Bot cb
				348.26		15.1 R Top cb
				348.6		27° R P/L
0+78.0	N			347.83		℄ Grayling Ave
				347.22	13.2 L Edge gutter	
				347.06	15.2 L Bot cb	
				347.70	15.2 L Top cb.	
				347.2	27.0 L P/L	
0+81.0	N			347.90		℄ Grayling Ave
				347.82		13.1 R Edge gutter end
				347.67		15.1 R Bot cb
				348.30		15.1 R Top "
0+81.5	N			347.29	13.2 L Edge gutter end	
				347.12	15.2 L Bot cb	
				347.76	15.2 L Top cb	

Lenker Rod

Profile No. X-Sec. Notes Red. Date Notes Chkd. Plotted Date Checked Job No. 6253.20 Division No. 10 Survey of Whitwood S.D. Line "C" Survey by Sappell Notes C.E.S. Date 12-[illegible] C. Johnson F. B. 2558 PG. 117

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+16.7 N				348.58		℄ Grayling Ave
				348.50		7.5 R W/4
				348.13		15.1 R Bot cb
				348.75		15.1 R Top cb
				349.0		27.0 R P/L
				348.44	7.6 L W/4	
				348.04	15.2 L Bot cb	
				348.67	15.2 L Top cb	
			Lenker Rod	348.9	27.0 L P/L	
2+16.7 N				350.86		℄ Grayling Ave
				350.74		7.5 R W/4
				350.44		15.1 R Bot cb
				351.07		15.1 R Top cb
				351.6		27.0 R P/L
				350.78	7.6 L W/4	
				350.40	15.2 L Bot cb	
				351.04	15.2 L Top cb	
				351.5	27.0 L P/L	
3+70.1 N		S.M.H.			5.0 L S.M.H. Rim El. -(M+D) = Inv	
				345.34	Inv. 8" Inlet N 354.44-(8.43+0.67)=345.34	
				345.13	Inv. 8" Outlet S 354.40-(8.60+0.67)=345.13	

F. B. 2558 Pg. 118 Job No. 6253.20 Division No. 10 Notes Red. Plotted Profile
Survey of Whittwood S.D. - Line "C" Date Date No. X-Sec.
Survey by Sappell Notes Shoemaker 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.		
45+39.4				347.53	26.8 L	4 pt edge gutter.
BM SD-1750				348.56	BM SD-1750 El. 348.564	F.B. 2518-8 J.N. 6253.20
					Russell St. & Grayling Ave, N.E. Cor., pt spk	
					in cb. 5.9 E. of E end C.R.	
45+75.4				348.80		& Russell
				348.42	15.0 L	w/4
				348.16	27.7 "	Ed gutt.
			Center	348.00	30 "	bott cb.
				348.62	30 "	Top "
				348.9	40 "	P/L
45+80.5				348.26	28 L	4 pt. Ed gutt.
46+00			Rod	349.33		& Russell
				349.26		4.2 R Ed pv.
				349.4		7.8 " Top bank
				346.4		11.4 " bott ditch
				346.4		16.0 " bott "
				349.2		17.0 " Top bank.
				348.8		28.1 " gnd
				348.92		28.1 " Ed gutt.
				348.79		30.1 " bott cb.
				349.39		30.1 " Top "
				349.59		39.5 " Back walk.

Profile Notes Red. _____ Plotted _____ Job No. 6253.20 Division No. 4
No. _____ Date _____ Date _____ Survey of Whittwood Sub-Line "C"
Y. Seq. _____ Notes Chkd. _____ Checked _____ Survey by Jaquell Notes Chk. _____ Date 1-
Notes Red. _____ Date _____ Map No. _____ Inst. No. C. Johnson

F. B. 2518 Pg. 119

76L-298 S & E #307—1-56

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F. B. 2558 Pg. 120 Job No. 625320 Division No. 10 Notes Red ____ Date ____ Plotted ____ Date ____ Profile No. ____
Survey of Whitwood S.D. Notes Notes Chkd ____ Date ____ Checked ____ Date ____ X-Sec. No. ____
Survey by Sapell
Indexed A. C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.		
46+15 ±				349 62		℄ Russell
				349 35	15° L w/a	
				349 01	28' " Ed gutt	
				348 88	30' " bott cb.	
				349 52	30' " Top "	
				349 6	40 " P/L	
46+46 6			Lenker Rd	350 3		10 R gnd. (Top bank)
				349 79		10 8 " Top conc. wall End
				348 6		11 4 " bott ditch
				348 6		15 8 " " "
				349 79		16 4 " Top conc. wall end.
				350 3		16 7 " gnd. (Top bank)
46+54 0				350 6	40° L gnd	
46+63 9				350 75		℄ Russell
				350 57	15° L w/a	
				350 07	28' " Ed gutt.	
				349 95	30' " bott cb	
				350 57	30' " Top "	
				351 0	38° " gnd-brk.	
				352 0	40 " P/L	
46+73 0				351 0		11 3 R gnd
				350 32		11 6 " Top conc wall ≠ DT.
				348 8		12 2 " bott ditch

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
46+73.0				3487		16.6 R bott ditch
				35043		17.2 " Top conc. wall ∡ pt.
				3510		17.5 " gnd.
46+74.0				35032		10.1 R Top end conc. wall
				3490		10.1 " bott ditch
				3489		18.1 " " "
				35047		18.1 " Top end conc. wall
47 ± 12.5			Lenker Rod	35204		℄ Russell
				35191		4.7 R Ed pv.
				3524		7.2 " Top brk
				3514		10.5 " Top bank
				3490		11.6 " bott ditch
				3490		14.5 " " "
				3518		17.2 " Top bank
				3518		22.0 " " brk
				3510		23.5 " bott "
				3509		28.0 " gnd
				35131		28 " Ed gutt.
				35115		30 " bott cb
				35176		30 " Top "
				35200		39.5 back walk.

Profile Notes Red. Plotted Job No. 6253.20 Division No. 10 F. B. 2558 Pg. 121
No. Date Date Survey of Whitwood S.D. - Line "C"
X-Sec. Notes Chkd. Checked Survey by Sappell Notes D.S. Date 1-60

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.		
47+12.5				352.12	5.0 L crown	
				351.86	15.1 " W/4	
				351.12	28.1 " Ed gutt	
				350.98	30.1 " bott cb.	
				351.63	30.1 " Top "	
				352.0	35.5 " brk	
				353.0	40 " P/L	
47+52.5			Lenker Rod	353.10		℄ Russell
				353.20	5.5 L	
				353.00	15.1 "	
				352.25	27.6 " same	
				351.83	29.8	
				——	29.8 " depressed cb.	
				352.70	34.3 " brk (pre-mix dr)	
				353.55	40 " P/L "	
47+62.5				353.37		℄ Russell
				353.22		6.5 R Ed pv.
				353.4		8.5 " Top bank
				351.9		11.3 " brk side slope
				349.5		13.0 " bott ditch
				350.0		15.0 " " "

F. B. 2558 Pg. 122 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whittwood S.D. Line "C" Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked No.
Index C. Johnson Date Date Date

Profile No. ____ X-Sec. | Notes Red. ____ Date ____ Notes Chkd. ____ | Plotted ____ Date ____ Checked ____ | Job No. 6253-20 | Division No. 10 | F. B. 2558 | Pg. 123

Survey of Whittwood S.D. - Line "C" -

Survey by Sappell Notes W.J. Date 1 - - 60

C. Johnson

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
47+62^{5}				352 8		16^{8} R Top bank
				351 9		22^{5} " brk
				351 6		28^{0} " gnd
				352 37		28 " Fl gutt.
				352 18		30 " bott cb
				352 83		30 " Top "
				353 06		39^{5} " back walk
47± 74^{3}			Lenker	350 19		12^{2} R cor conc. slab.
				350 20		14^{8} " " " "
47+87^{0}				354 06		7^{0} R brk pvmt
			Rod	353 91		8^{4} " pvmt.
				354 59		8^{4} " Top End. head wall & Top bank
47+87^{3}				354 60		10^{7} " Top H.W.
				353 20		11^{2} " Top inside box drain
				351 11		11^{2} " bott " "
				350 90		11^{2} " conc. slab.
				350 94		15^{2} " " " "
				351 13		15^{2} " bott box drain
				353 22		15^{2} " Top inside box "
47+88^{0}				354 12		10^{5} R pvmt.
				354 06		15^{9} " "

76L-298 S & E #307—1-56

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F. B. 2358 Pg. 124 Job No. 625220 Division No. 10 Profile No.
Survey of Whitewood L.D. Line "C" X-Sec. No.
Survey by Jepsen & S. Notes Plotted
Indexed G. Johnson Date Notes Chkd. Date Checked Date Notes Red. Date

STATION		H. I.	F. S.	ELEV.		
47+88.0				354.63		16.9 R Top end H.W.
				353.9		17.0 " Top bank.
47+88.1				352.79	26.9 L	⊄ pt. Ed "x" gutt.
48+17.37				354.54	F.B. 2347-210 ⊄ 241	⊄ int. Russell ⊄ Valley Home
" "	= 0+00	going		N. ⊄ S.	along ⊄ Valley Home	
0+08.5 S				354.84		⊄ Valley Home
				355.04	10.2 L or East	Top end Head wall ⊄ top bank ⊄ print
0+10.4 S				353.85	10.9 "	Top inside box drain
				351.54	10.9 "	bott " " ⊄ ditch
0+14.4 S			Lenker Rod	351.86	10.9 "	" " " " "
				353.88	10.9 "	Top inside " "
0+16.7 S				355.05	10.9 "	Top end head wall ⊄ bank.
				354.75	5.3 "	Ed pv.
0+39.9 S				353.40		⊄ Valley Home
				353.35		14.6 R pv
				352.75		23.0 " Ed gutt.
				352.57		25.2 " bott cb.
				353.18		35.2 " Top "
				353.27	5.0 L	brk.
				352.85	11.9 "	cor. conc. gutt
				352.75	13.0 "	bott depressed cb.
				353.5	30 "	grnd.

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.		
0+65 S.				352.64		℄ Valley Home
				352.57		10 R w/4
				352.22		18 " Ed gutt.
				352.07		20 " both cb
			Lorke Rd	352.71		20 " Top "
				352.90		29 ℄ " back walk
				352.50	5 L	brk.
				352.17	11 "	Ed gutt.
				352.12	13 "	both cb.
				353.20	13 "	Top "
				353.4	30 "	gnd.
0+15 N						℄ Valley Home
0+24 N		(Orange Co) S.M.H				12 R S.M.H.
						[illegible] - (M+D) = INV.
				346.18	inv. 8" inlet N.	353.76 - (6.91+0.67) = 346.18
				346.15	" 8" " E.	353.83 - (7.01+0.67) = 346.15
				346.00	" 8" outlet W	353.82 - (7.15+0.67) = 346.00
0+24 N		(L.A Co) S.M.H			12 L S.M.H.	
				345.49	inv. 8" inlet N.	353.22 - (7.06+0.67) = 345.49
				345.68	" 8" " E	353.26 - (6.91+0.67) = 345.68
				345.36	" 8" outlet W	353.27 (7.24+0.67) = 345.36

Profile Notes Red. ____ Plotted ____ Job No. 625220 Division No. 16
No. ____ Date ____ Date ____ Survey of Whitwood Rd - Line "C"
Notes Chkd. ____ Checked ____ Survey by Tapp & H Notes Chkd. Dated - 66
F. B. 2550 Pg. 124

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.		
0+26.9	N			353 37		℄ Valley Home - Ed 'x' gutt
0+29.9	"			353 34		" " F/L " "
0+32.9	"			353 40		" " Ed " "
				353 72		16.4 R Ed gutters
				353 06	15.8 L Ed gutters.	
0+75.7	"			354 25		℄ Valley Home
				354 37		9.0 R w/4
				354 33		16.6 " Ed gutt
				354 21		18.1 " bott cb
				354 70		18.1 " Top "
				355 5		30 " P/L
0+76.7	N		Lenker Rod	354 05	9 L	
				353 69	16 "	
				353 49	18 " same	
				354 16	18 "	
				354 1	30 "	
0+88.5	N			353 93	18 L End gutt & bott cb.	
1+15.7	N			355 15		℄ Valley Home
				355 21		9 R
				355 17		16.6 "
				355 07		18' "
				355 54		18.1 "
				356 2		30 "

F. B. 2558 Pg. 126 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whittwood S.D. - Line "C" Date Date No. X-Sec.
Survey by Sappell Notes D.J. 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.		
1+15.7 N				354 90	9 L w/4	
				354 46	18.1 " bott cb.	
				355 10	18.1 " Top "	
				355 5	30 " P/L	
2+15.7 N				357 35		℄ Valley Home
				357 34		9° R
			Lenker Rod	357 21		16.6 "
				357 12		18.1 " same
				357 58		18.1 "
				358 8		30 "
				357 20	9 L	
				356 80	18.1 "	
				357 45	18.1 " same	
				357 8	30 "	
T.P.				357 07	T.P.	
3+69.7 N		S.M.H.				12° R S.M.H.
						Rim El. - M+D ≤ inv.
				353.74	inv. 8" Inlet N. 362.82 - (8.41 + 0.67) = 353.74	
				353.53	" 8 outlet S. 362.73 - (8.53 + 0.67) = 353.53	

Profile Notes Red. ____ Plotted ____ Job No. 625720 Division No. ____
No. ____ Date ____ Date ____ Survey of Whittwood S.D. - Line "C"
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.J. Date ____ -60
F. B. 2558 Pg. 127

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.		
3+69.7		S.M.H.			12° L S.M.H	
						Rim El - (M + D) = inv.
				353.73	inv 8" Inlet N.	362.78 - (8.38 + 0.67) = 353.73
				353.48	" 8" outlet S.	362.70 - (8.55 + 0.67) = 353.48
T.P.				357.25	T.P.	
48+35.6				353.73	26.9 L ∠ pt edge gutter	
48+43.4				354.95		6.8 R ∠ pt edge put
48+46.0			Lenker Rod	355.0	34.5 L Bot brk	Back of walk
				355.7	40° L Gnd	
48+50.0				355.13	34.5 L Bot brk	Back of walk
				355.8	35.5 L Top brk	
				356.2	40° L Gnd	
48+75.0				354.68	28° L ∠ pt edge gutter	
48+81.0				355.75		℄ Russell St.
				355.85	6° L Crown put	
				355.37	15° L W/4	
				354.87	28° L Edge gutter	
				354.70	30° L Bot cb	
				355.36	30° L Top cb	
				355.45	34.5 L Bot Brk	Back of walk
				356.3	35.5 L Top Brk	

F. B. 2558 Pg. 128 Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whitwood S.D. - Line "C" Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd Checked
Indexed C. Johnson Date Date Date No.

76L-298 CE 307 11-58

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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.		
48+81.0				356.7	40° L P/L	
49+00.0				356.08		℄ Russell St
				355.92		5° R Edge put
				355.5		9° R Top bank
				352.7		10.5 R Bot ditch
				352.7		13.0 R Bot ditch
				356.0		15.5 R Top bank
				356.0		19° R Top brk
				354.6		23° R Bot brk
				355.0		30° R Gnd
49+21.0				356.45		℄ Russell St
				356.48	5.7 L Crown	
				356.20	15° L W/4	
				355.66	28° L Ed gutter	
				355.53	30° L Bot cb	
				356.15	30° L Top cb	
				356.26	34.5 L Bot Brk, Back of walk	
				356.7	35° L Top Brk	
				356.9	40° L P/L	
49 + 55.0				356.91	34.5 L Back of walk Bot Brk	
				357.5	35° L Top brk Back	

Lenker

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6253.20 Division No. 10 F.B. 2550 Pg. 120
X-Sec. No. ____ Date ____ Date ____ Survey of Whitwood S.D. Line "C"
Notes Chkd. ____ Checked ____ Survey by Sappell Notes ____ Date ____

76L-298 CE 307 11-58

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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.		
49+55°				357.6	40.° L P/L Back	
49+56°				356.91	34.5 L Back of walk & Bot brk	
				359.9	40° L Top brk ahead	
50+00				357.86		℄ Russell St
				357.71		4.° R Edge put
				357.2		8.3 R Top bank
				354.5		10.2 R Bot ditch
				354.4		13.3 R " "
				357.7		15° R Top bank
				357.1		30° R Gnd
50+21°			Lenker Rod	358.25		℄ Russell St
				358.33	5° L Crown Put	
				358.12	15° L w/4	
				357.70	28° L Edge put	
				357.58	30° L Bot Cb	
				358.18	30° L Top cb	
				358.29	34.5 L Back of walk & Bot Brk	
				361.5	40.° L P/L & Top Brk	

F.B. 2558 Pg. 130
Job No. 6253.20 Division No. 10 Notes Red Plotted Profile
Survey of Whittwood S.D. Line "C" Date Date No. X-Sec.
Survey by Sappell Notes C.E.S. Notes Chkd. Checked
Index C. Johnson Date Date Date No.

76L-298 CE 307 11-58

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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.	
50+85.8		(Orange Co) S.M.H.			23.6 L S.M.H.
					Rim E - (M + D) = Inv
				351 36	Inv. 8" Inlet E 359.08 - (7.05+0.67) = 351.36
				351 43	" " " N 359.02 - (6.92+0.67) = 351.43
				351 33	" " Outlet W 359.05 - (7.05 + 0.67) = 351.33
B.M.S.D 1751				355 17	BMSD 1751, El. 355.166 F.B. 2518-7 J.N. 6253.20
					Russell St. & Valley Home Ave, N.E. cor.
					copper Nail in Disc. Lettered "County
					Surveyor Orange Co. BM R.C.E. 7872" in
					curb at E. end C.R.

Profile Notes Red ____ Plotted ____ Job No. 6253.20 Division No. 10 F.B. 2518 Pg. 131

No. ____ Date ____ Date ____ Survey of Whitwood S.D. Line "C"

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

No. ____ Date ____ Date ____ Date ____

Notes Ck'd by	Survey of WHITTWOOD S.D.	F. B. 2558 PG. 133
Map No.	JN [illegible] Tape Std	
Checked	Notes L. L. BROWN Date 12-30-60	
Date	Indexed H. E. OTT JAN 9 '61	

LINE A
WHITTWOOD
STORM DRAIN
J.N.6252.00
TOPOGRAPHY

PARTY

BROWN, L.L.
HARRINGTON, P.
FALSEY, J.
MARTINEZ, E.
WORKMAN, A.

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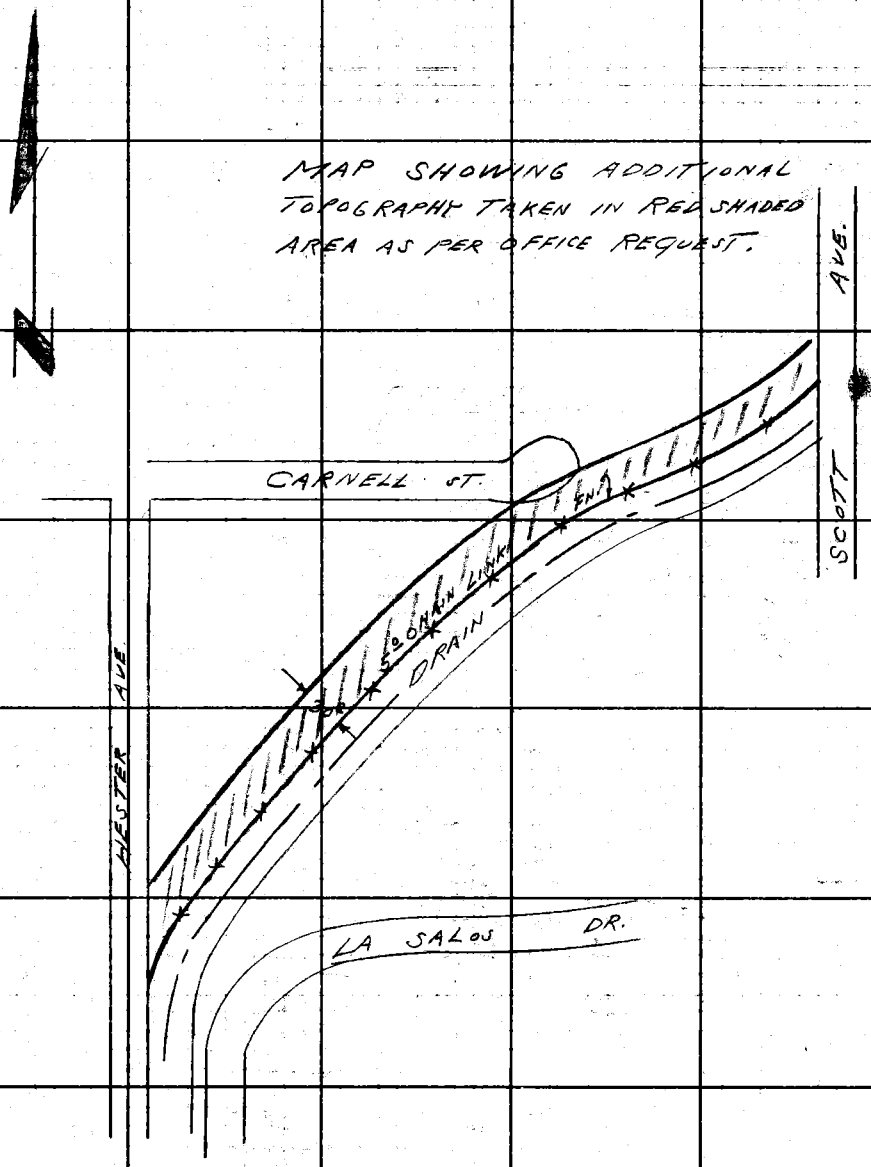
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 S&E #247 11-58

F. B. 2558 PG. 134



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700 Los Angeles County Engineering Bldg.

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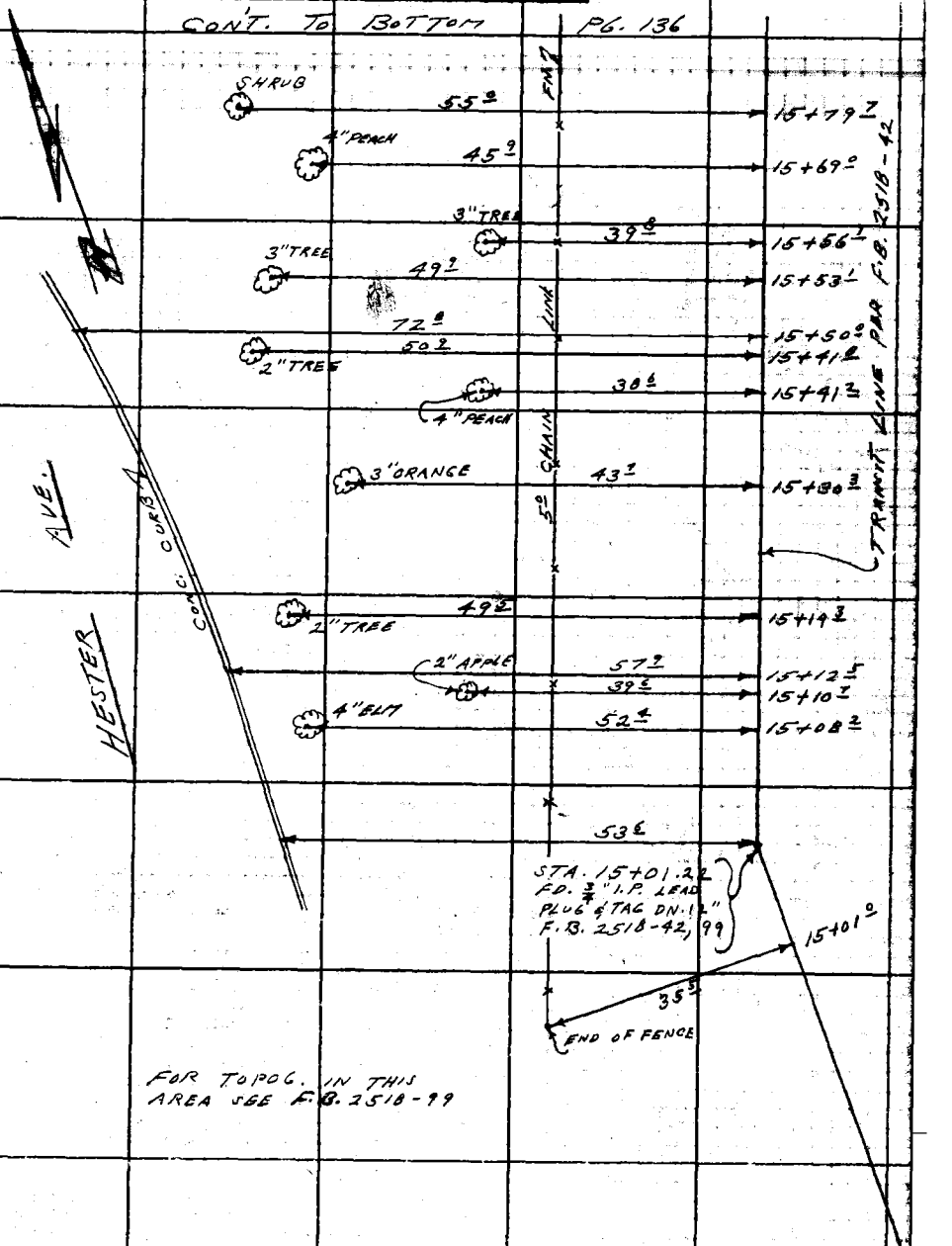
Notes Ck'd by _____
Map No. _____
Office Work _____
Checked _____
Date _____

Survey of WHITTWOOD S.D. F.B. 2518 Pg. 135
JN 2232-00 Tape _____ Std _____ °F
Surveyed by [illegible]
Notes L. L. BROWN Date 12-30-69
Indexed H. E. OTT



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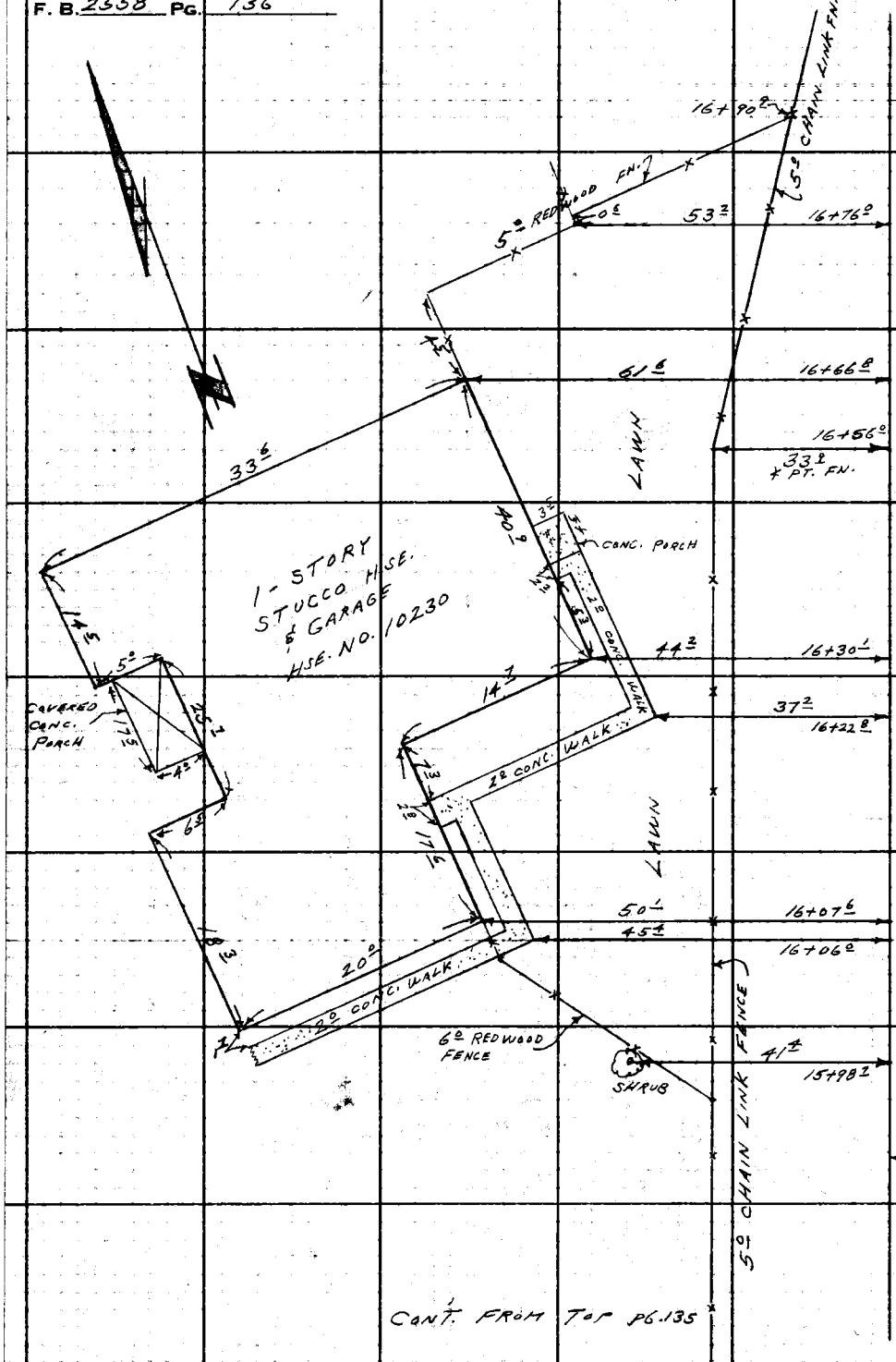
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

F. B. 2558 PG. 136

CONT. TO BOTTOM PG. 137



CONT. FROM TOP PG. 135

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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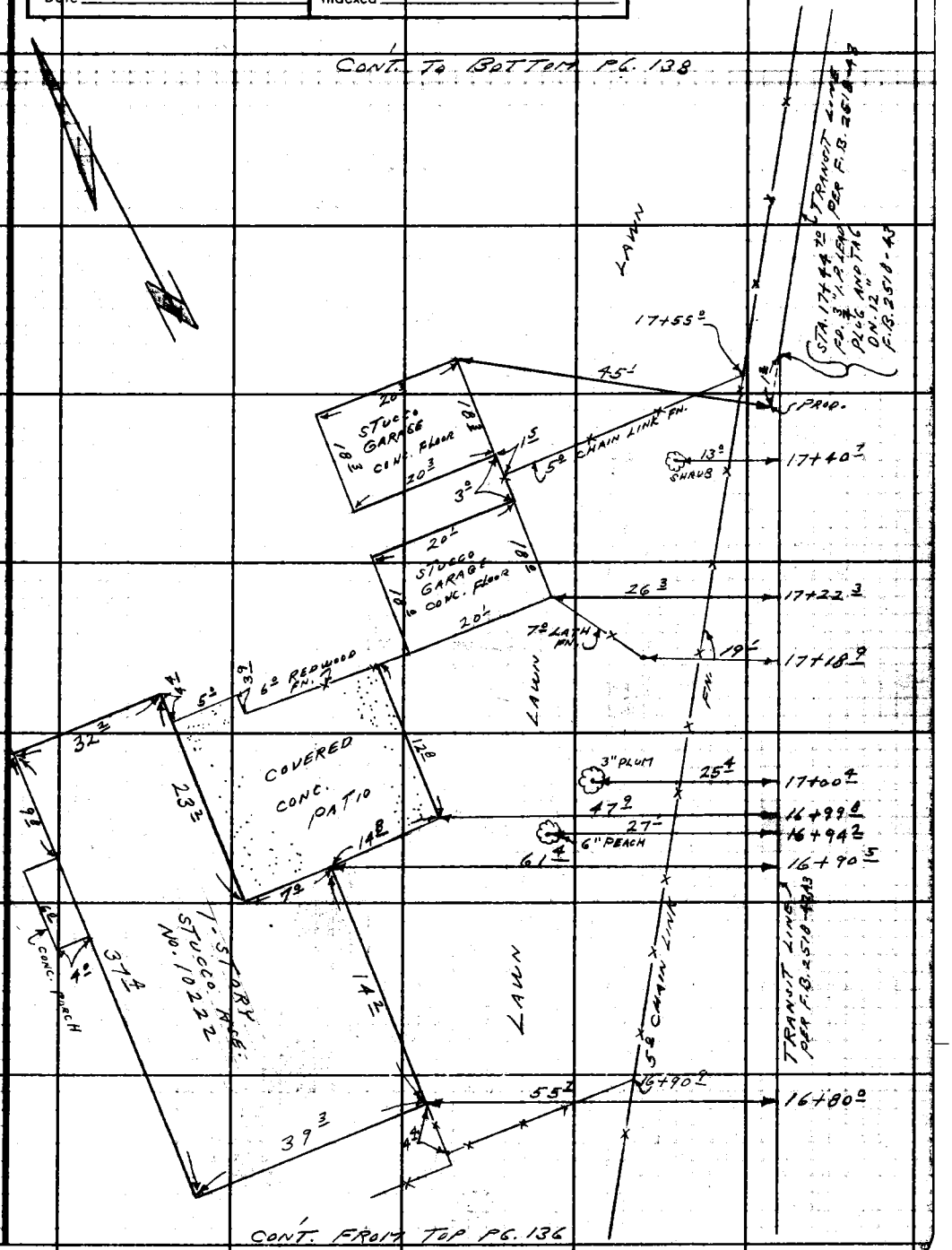
Notes Ck'd by	Survey of WHITTWOOD S.D.
Map No.	JN 52-92 Tape Std.
Checked	Notes L.L. BROWN Date 12-30-60
Date	Indexed H. E. OH

F. B. 2569 PG. 137

CONT. TO BOTTOM PG. 138



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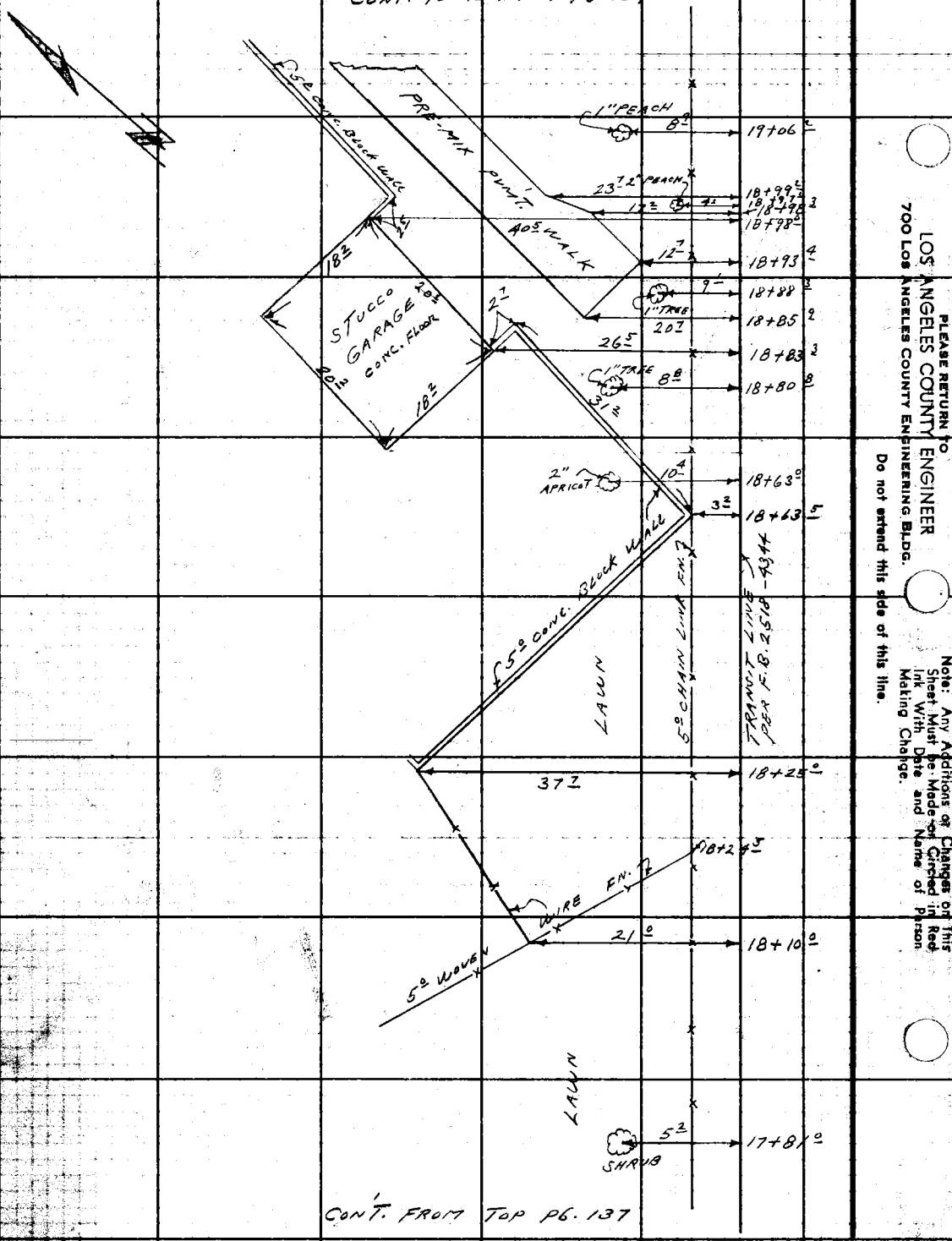
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 SAE #247 11-58

F. B. 2558 PG. 138

CONT. TO BOTTOM PG. 139



CONT. FROM TOP PG. 137

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
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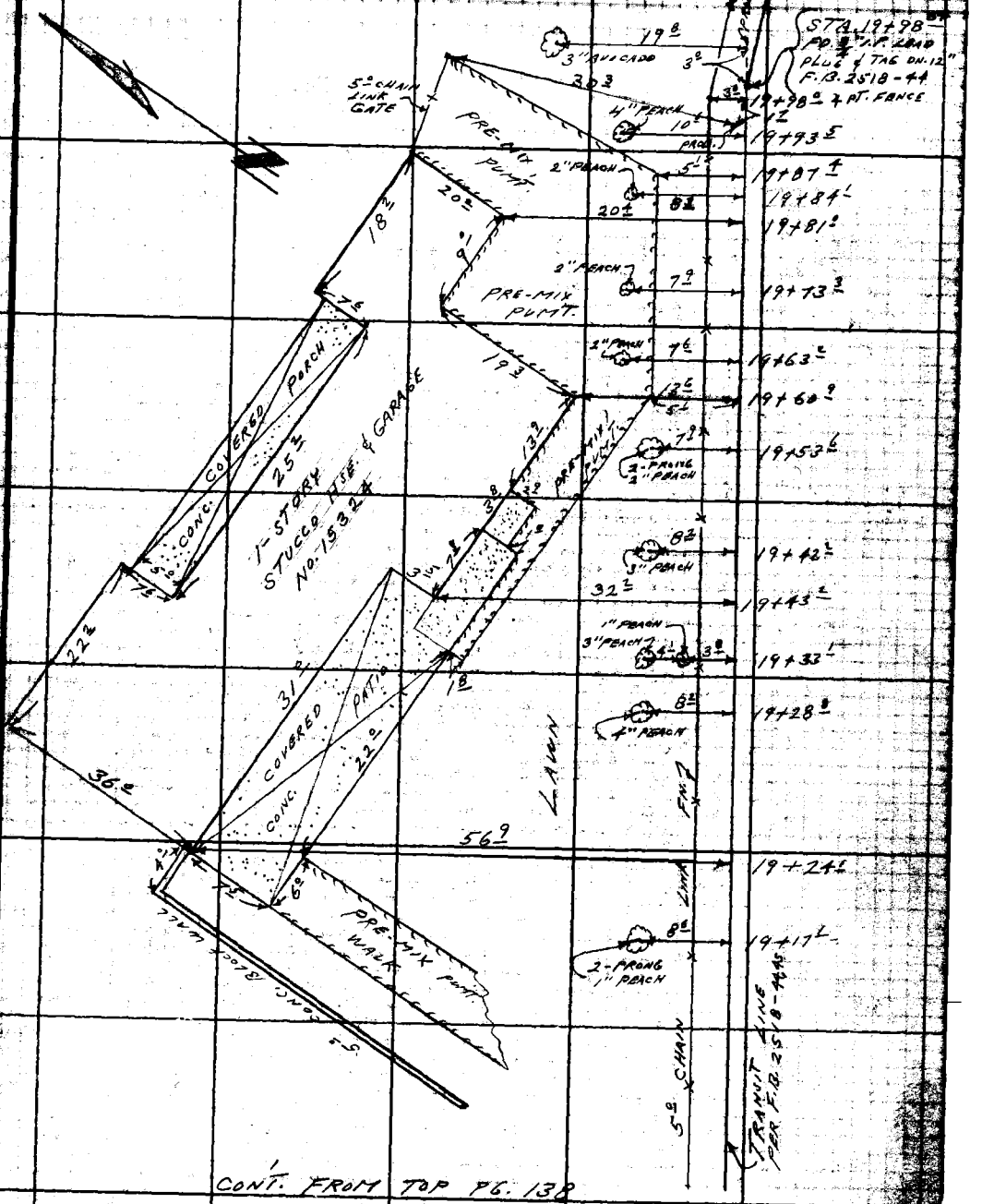
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of WHITTWOOD S.P.
JN 6282.00 Tape Std °F
Surveyed by L. L. BROWN
Notes L. L. BROWN Date 1-3-61
Indexed H. E. OTT

F.B. 2558 PG. 139

CONT. FROM BOTTOM PG. 140



CONT. FROM TOP PG. 138

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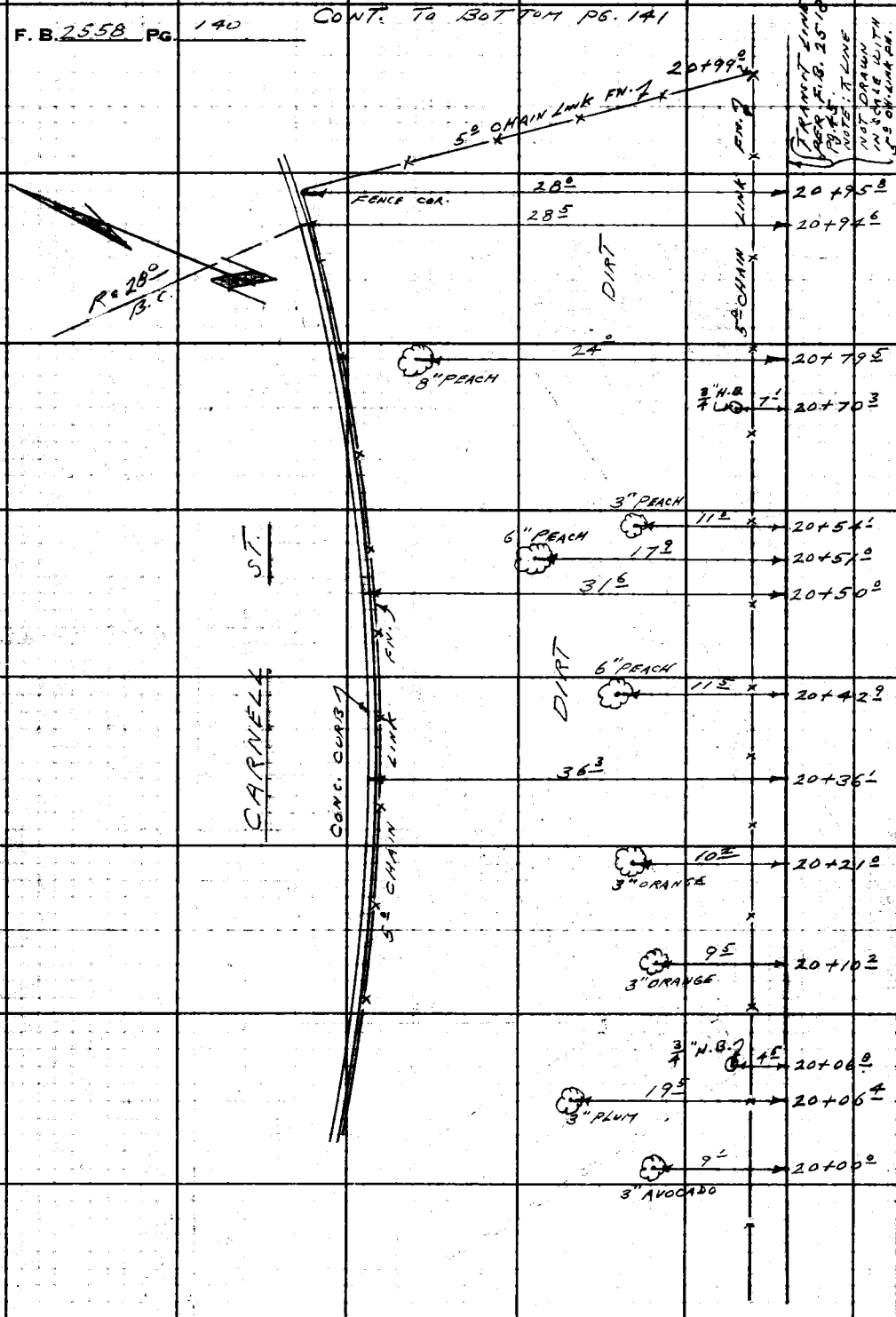
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

F. B. 2558 PG. 140

CONT. TO BOTTOM PG. 141



CONT. FROM TOP PG. 139

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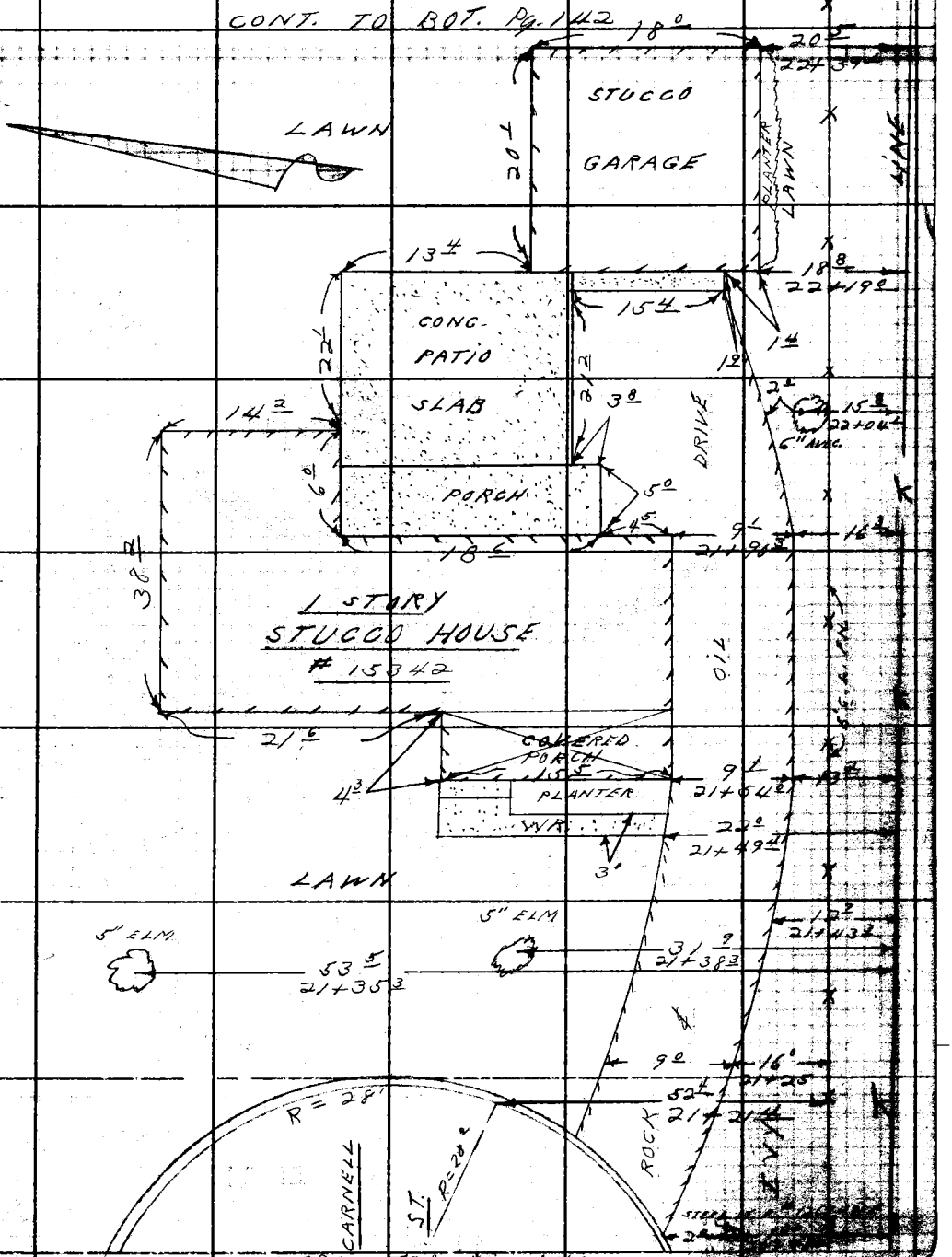
Note: Any Additions or Changes of This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of WHITTWOOD S.O.
Map No.	JN 6252.00 Tape Std °F
Office Work	Surveyed by
Checked	Notes P.H. Date 1-3-61
Date	Indexed

F. B. 2558 PG. 141

CONT. TO BOT. Pg. 142



CONT. FROM TOP Pg. 140

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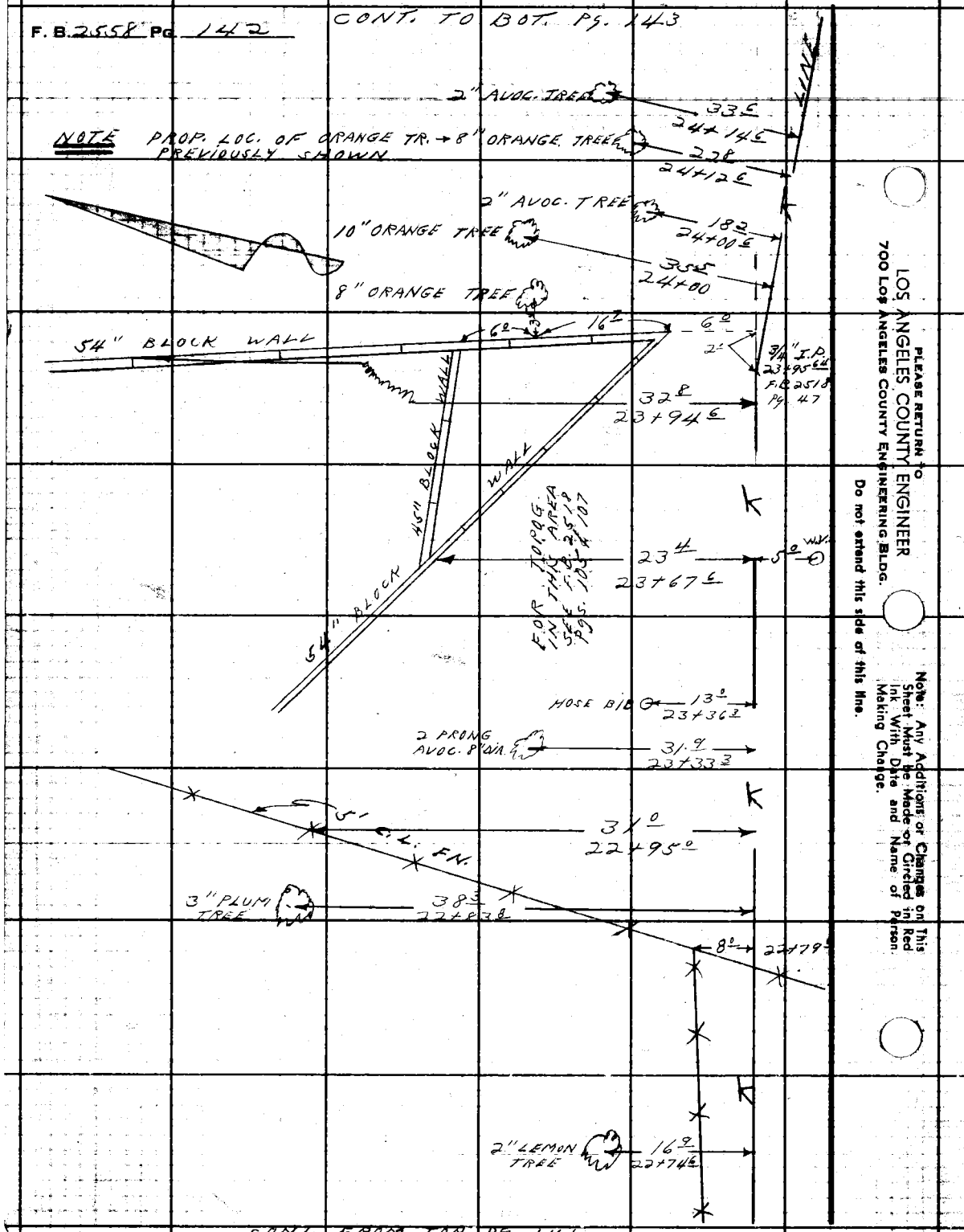
F. B. 2558 PG. 142

CONT. TO BOT. PG. 143

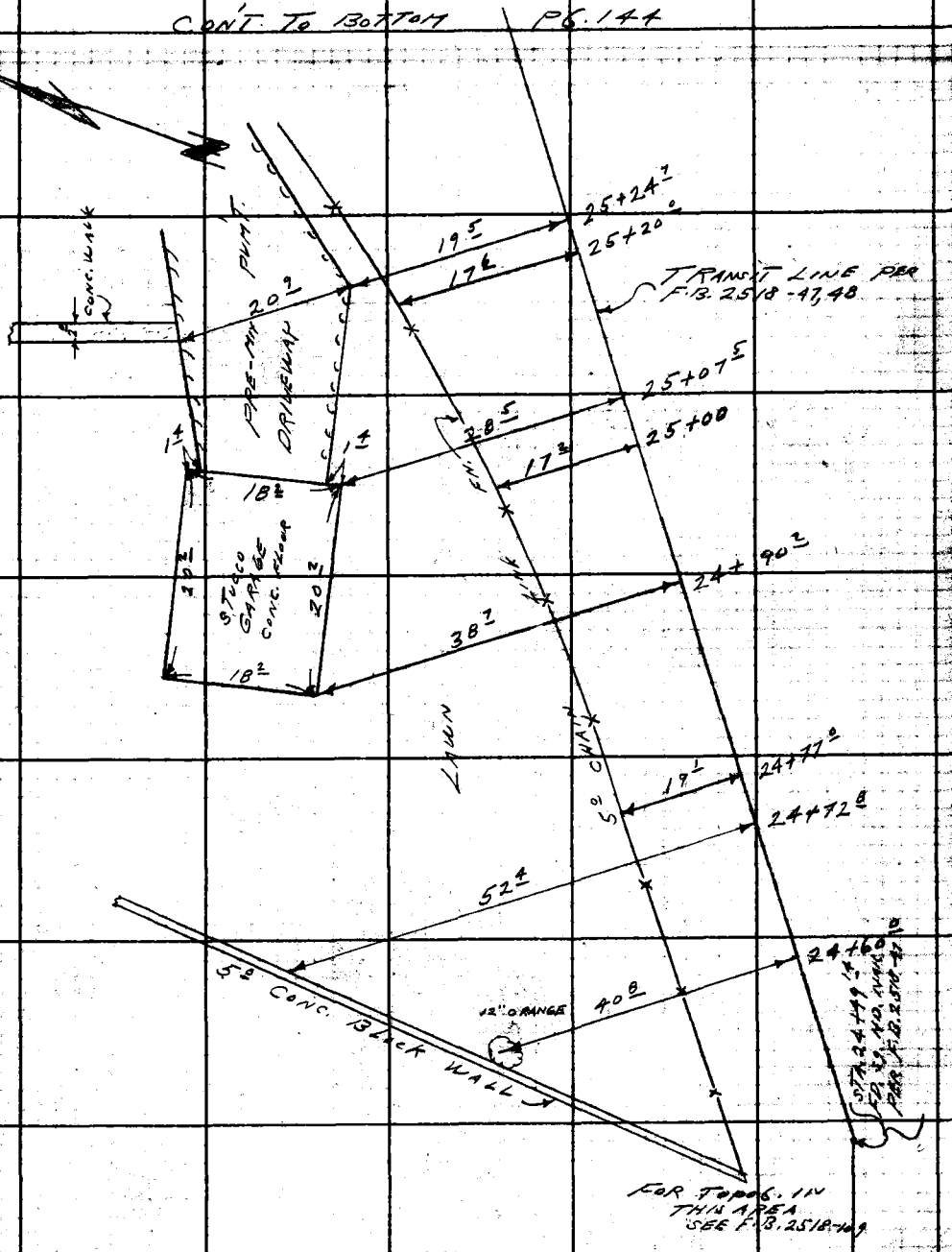


CONT. FROM TOP PG. 141

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

Notes Ck'd by	Survey of WHITTWOOD S.D.	F. B. 2558 PG. 143
Map No.	JN 6252-00 Tape Std °F	
Office Work	Surveyed by	
Checked	Notes L. L. BROWN Date 1-4-61	
Date	Indexed H. E. OTT	

CON'T TO BOTTOM PG. 144



CON'T. FROM TOP PG. 142

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

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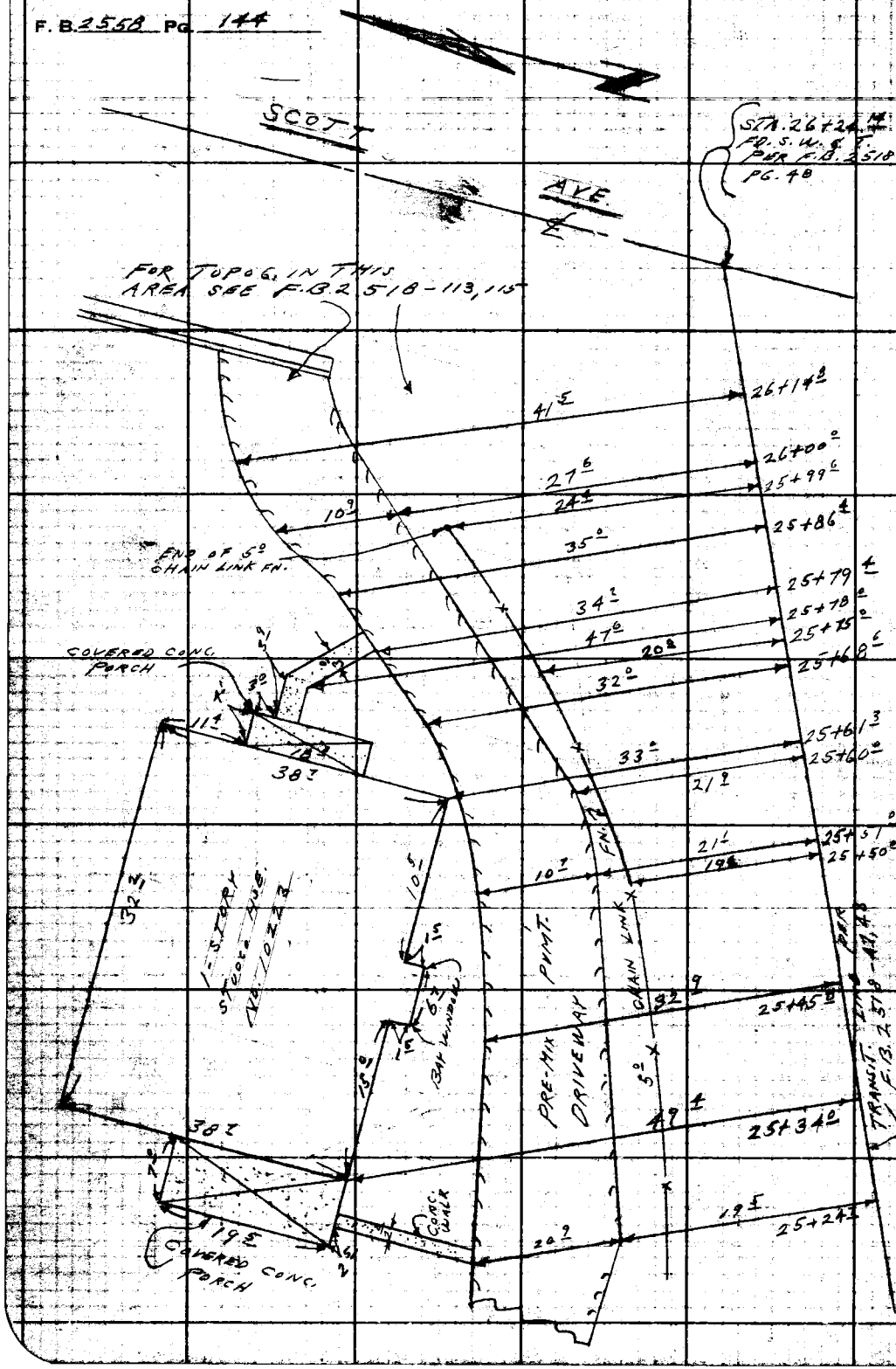
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 S&E #247 11-58

F. B. 2558 PG. 144



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700 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 WHITTWOOD S.D.
Map No.	JN 6253.40 Tape 0160 Std 68 °F
Office Work	Surveyed by
Checked L. W. BACON	Notes L.L. BROWN Date 5-11-61
Date 6-2-61	Indexed M. S. ON JUN 1 '61

F.B. 2556 PG. 145

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

WHITTWOOD STORM DRAIN

LINE A
PROJECT NO. 532
J.N. 6253.40

FINAL CENTERLINE
SURVEY

FROM COLE RD. 331'±
S. OF DUNTON DR. TO
LA SERNA DR. AND
CARRETERA DR.

NOTE:

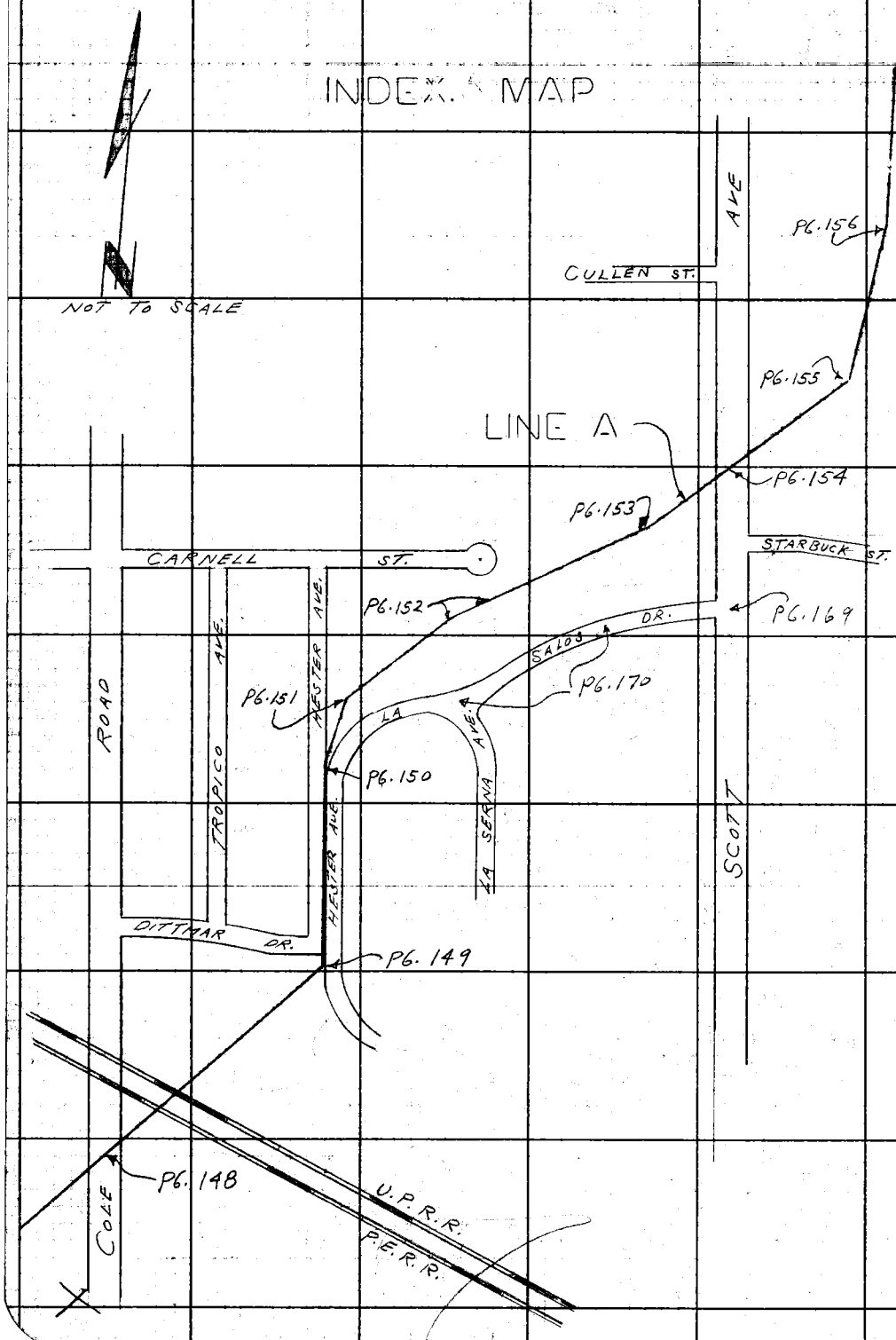
P.I.'S SET PER DISTANCES
AS SHOWN IN ALIGN—
MENT SHEETS 1-8

PARTY

BROWN, L.L.
HARRINGTON, P.
FALSEY, J.
MARTINEZ, E.
WORKMAN, A.

F. B. 2558 Pg. 146

INDEX MAP



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

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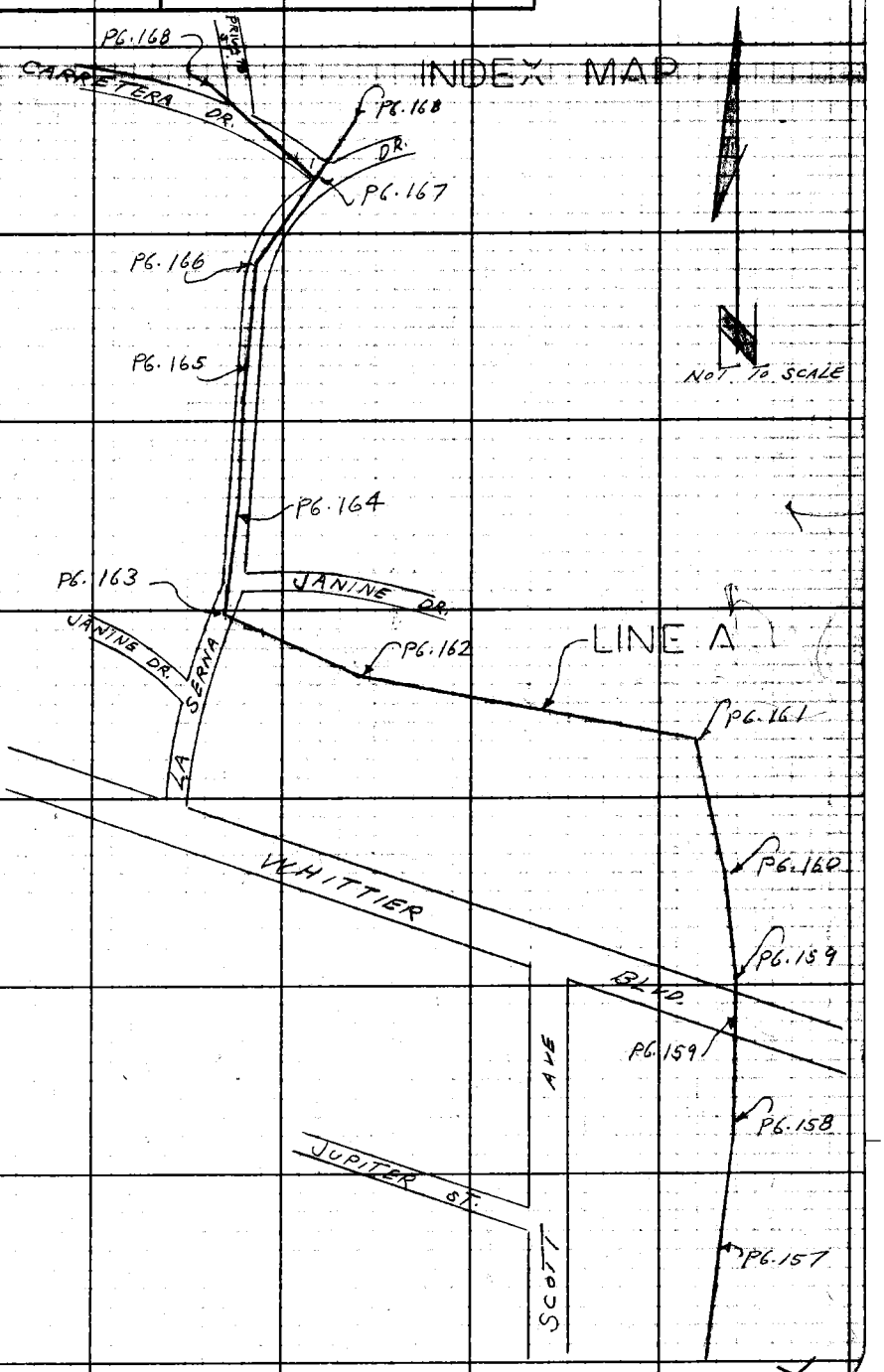
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of WHITTMOOR S.D.
Map No.	JN 62337 Tape 0160 Std 60 °F
Office Work	Surveyed by
Checked L. W. BACON	Notes L. L. BROWN Date 5-11-61
Date 6-2-61	Indexed H. E. OTT

F.B. 2555 Pg. 147



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.

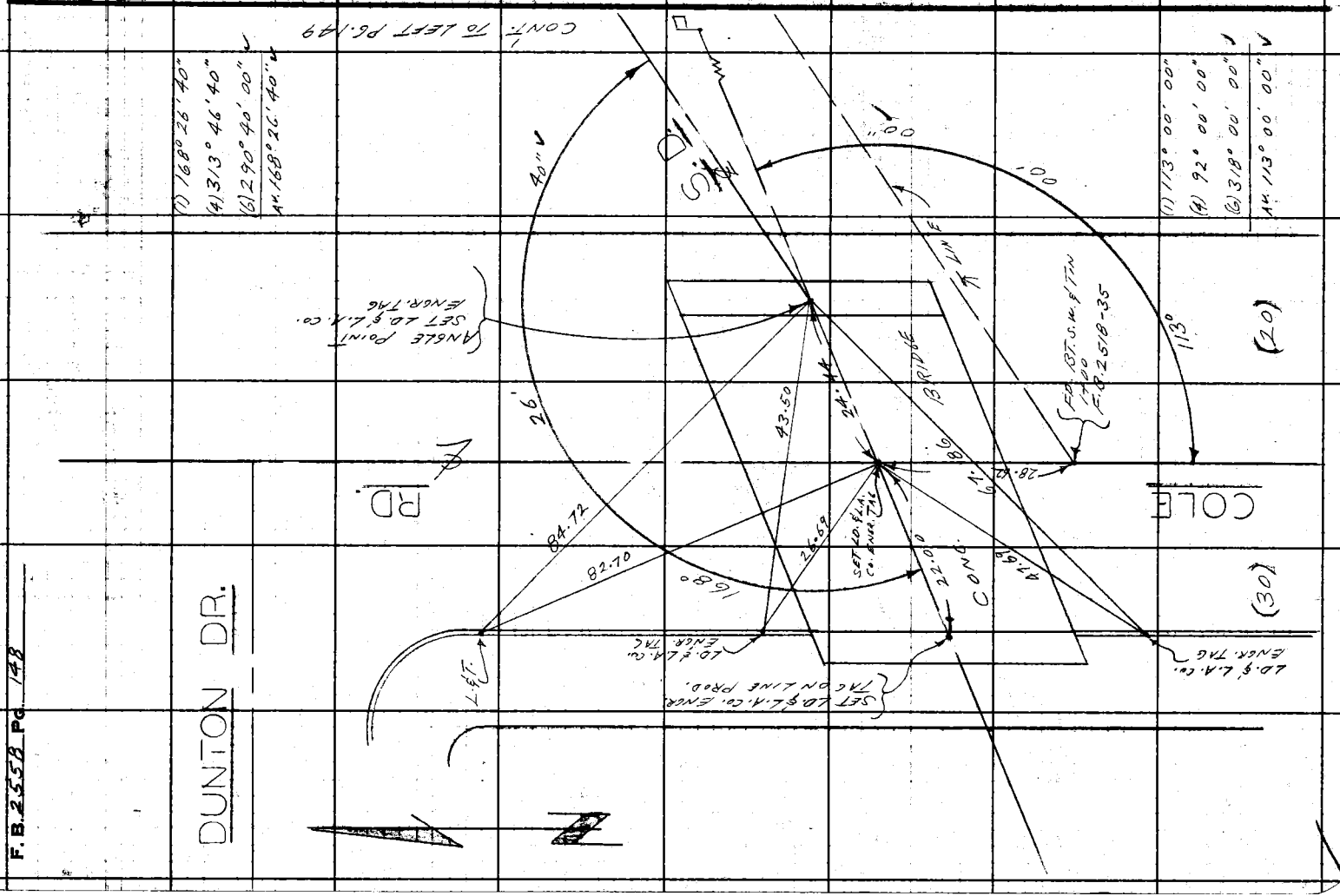
76F309S CE #247—3-57

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.

34-C-2



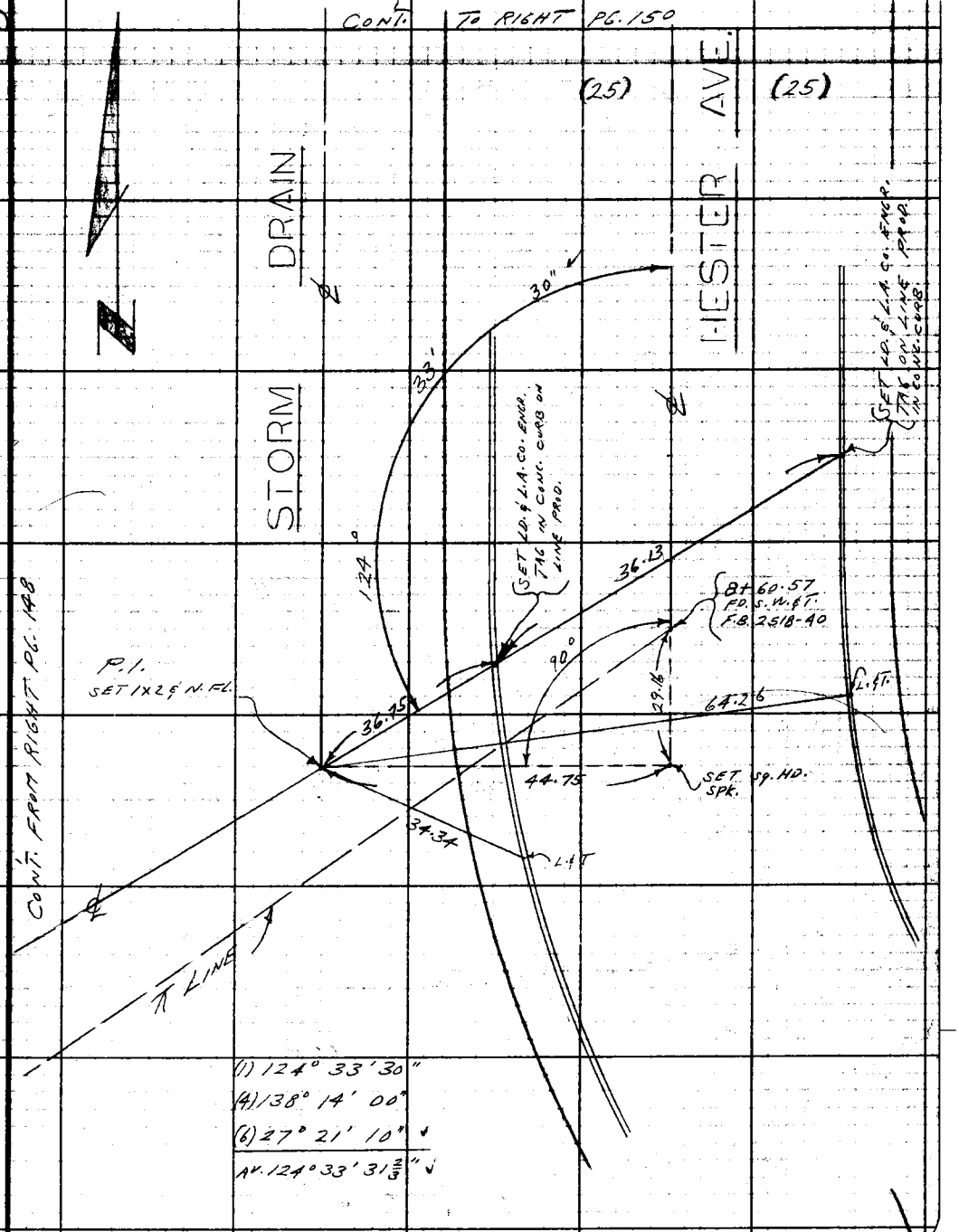
F.B. 2558 Pg. 148

Notes Ck'd by	Survey of WHITTWOOD S.D.
Map No.	JN 62558 Tape 0130 Std 68 °F
Office Work	Surveyed by
Checked L. W. BACON	Notes L.L. BROWN Date 5-11-61
Date 6-2-61	Indexed H. E. OTT

F.B. 2553 PG. 149

34-C

CONT. TO RIGHT PG. 150



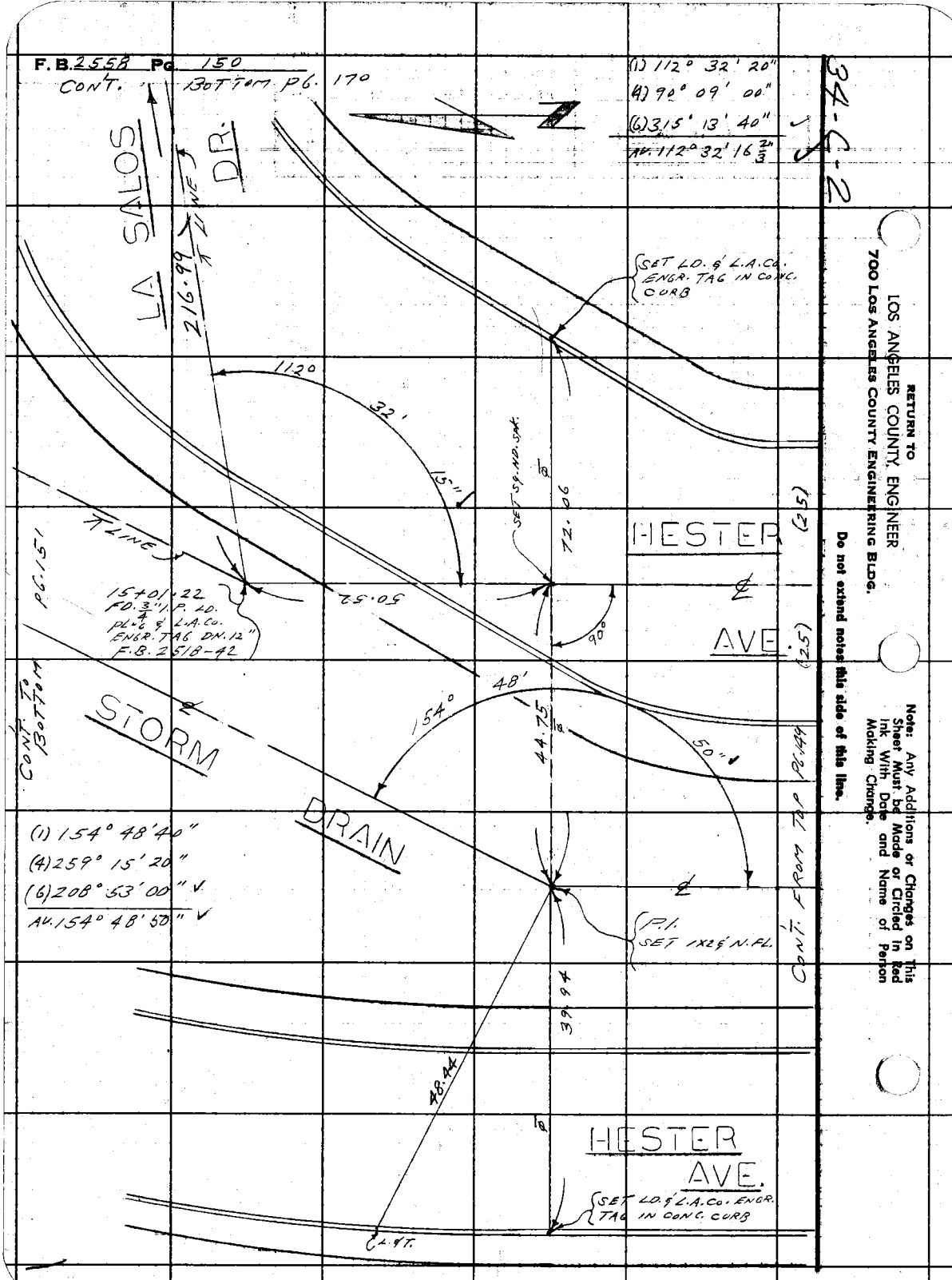
(1) 124° 33' 30"
(4) 138° 14' 00"
(6) 27° 21' 10"
AV. 124° 33' 31⅔"

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.

76F3095 CE #247—3-57



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

Do not extend notes this side of this line.

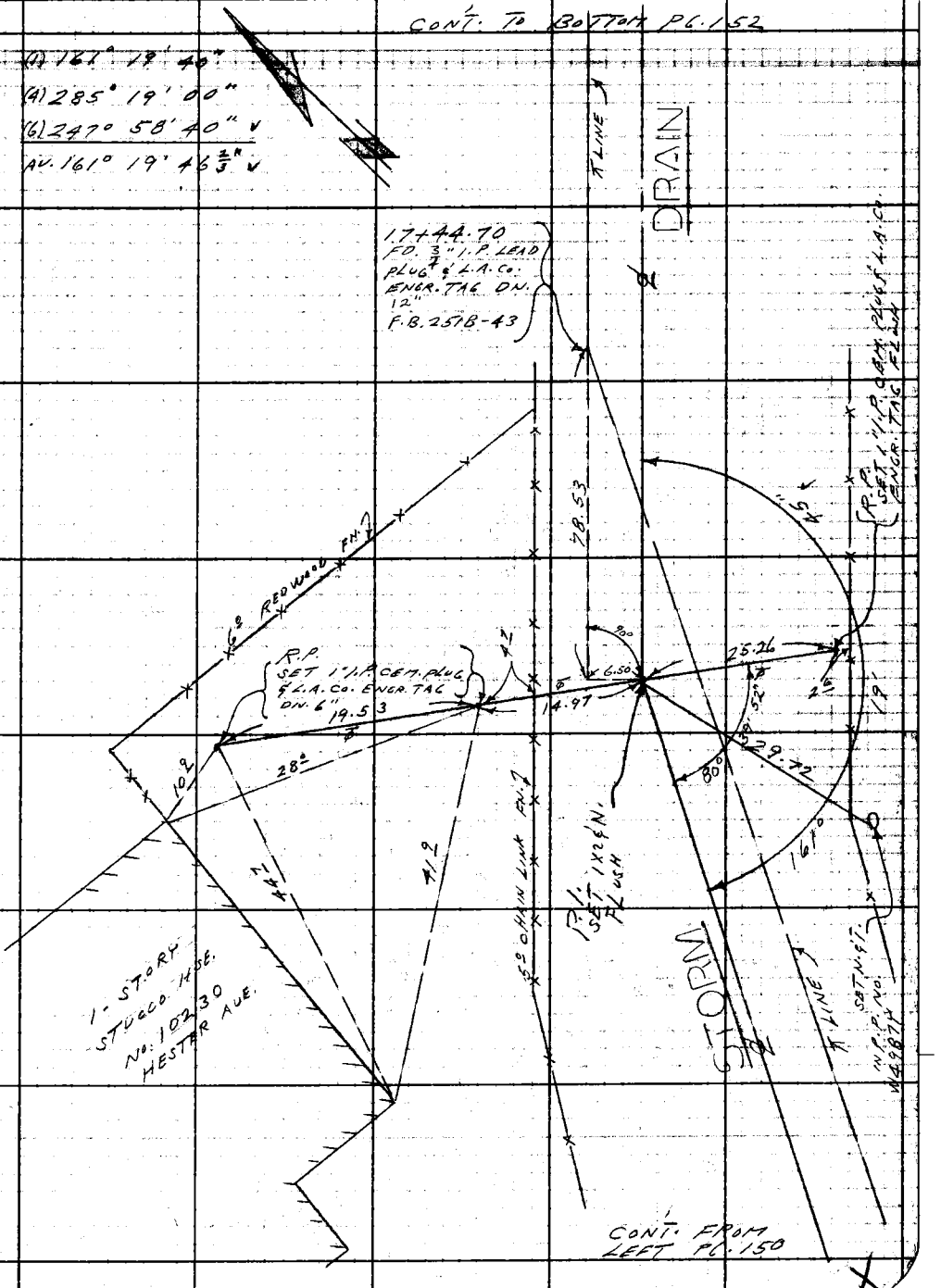
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of WHITTWOOD S.D.
Map No.	JN [illegible] Tape [illegible] Std. [illegible]
Office Work	Surveyed by
Checked L. W. BACON	Notes L. L. BROWN Date 5-11-61
Date 6-2-61	Indexed B. E. Oh

F.B. [illegible] PG. [illegible]

CONT. TO BOTTOM PG. 152

(1) 161° 18' 40"
(4) 285° 19' 00"
(6) 247° 58' 40" ✓
AV. 161° 19' 46⅔" ✓



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.

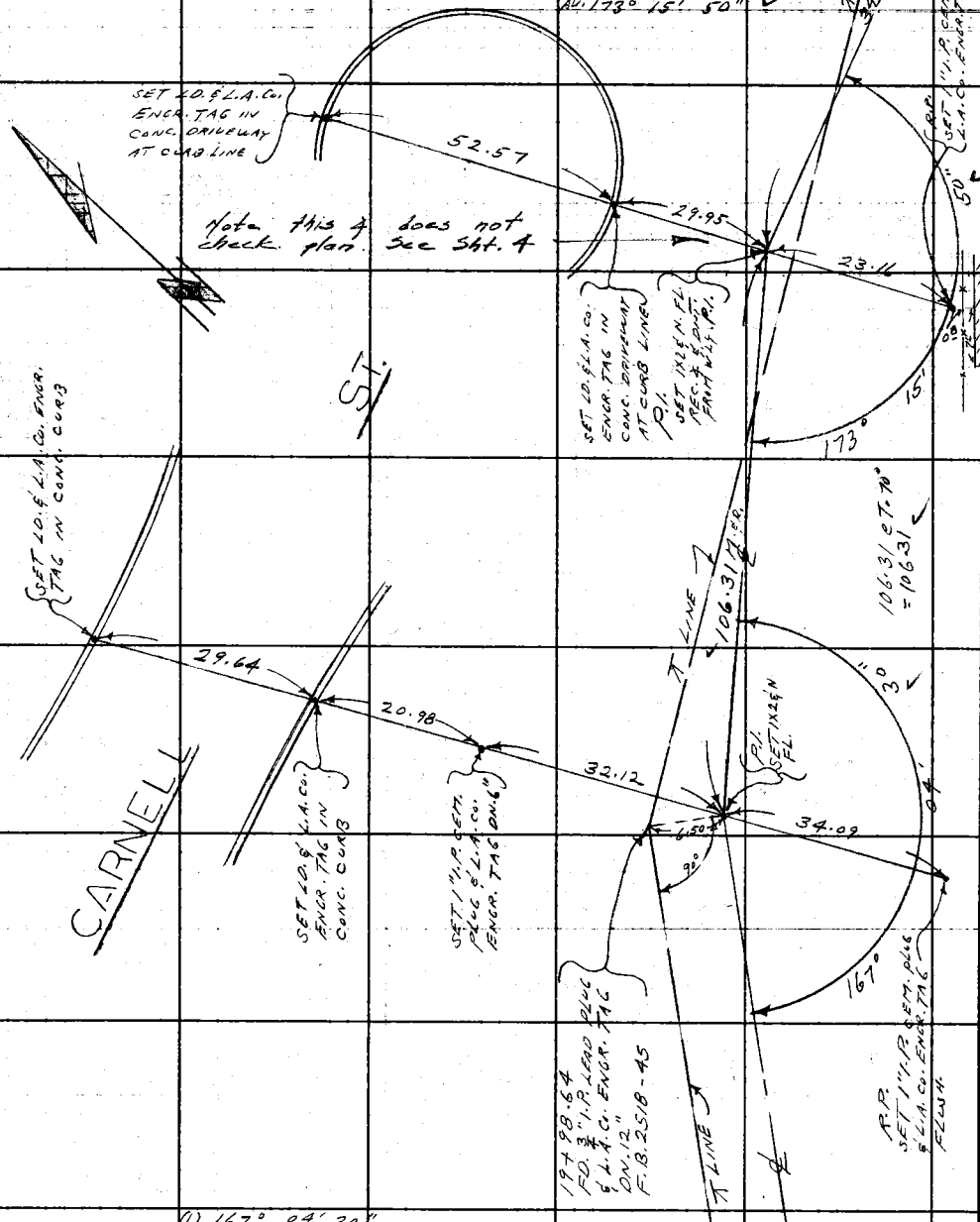
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

78F3095 CIE #247—3-57

F.B. 2558 Pg. 152

CONT. TO BOTTOM

(1) 173° 15' 50" PG. 153
(4) 333° 03' 10"
(6) 319° 35' 00"
AV. 173° 15' 50"



(1) 167° 04' 30"
(4) 308° 18' 00"
(6) 282° 27' 00"
AV. 167° 04' 30"

CONT. FROM TOP PG. 151

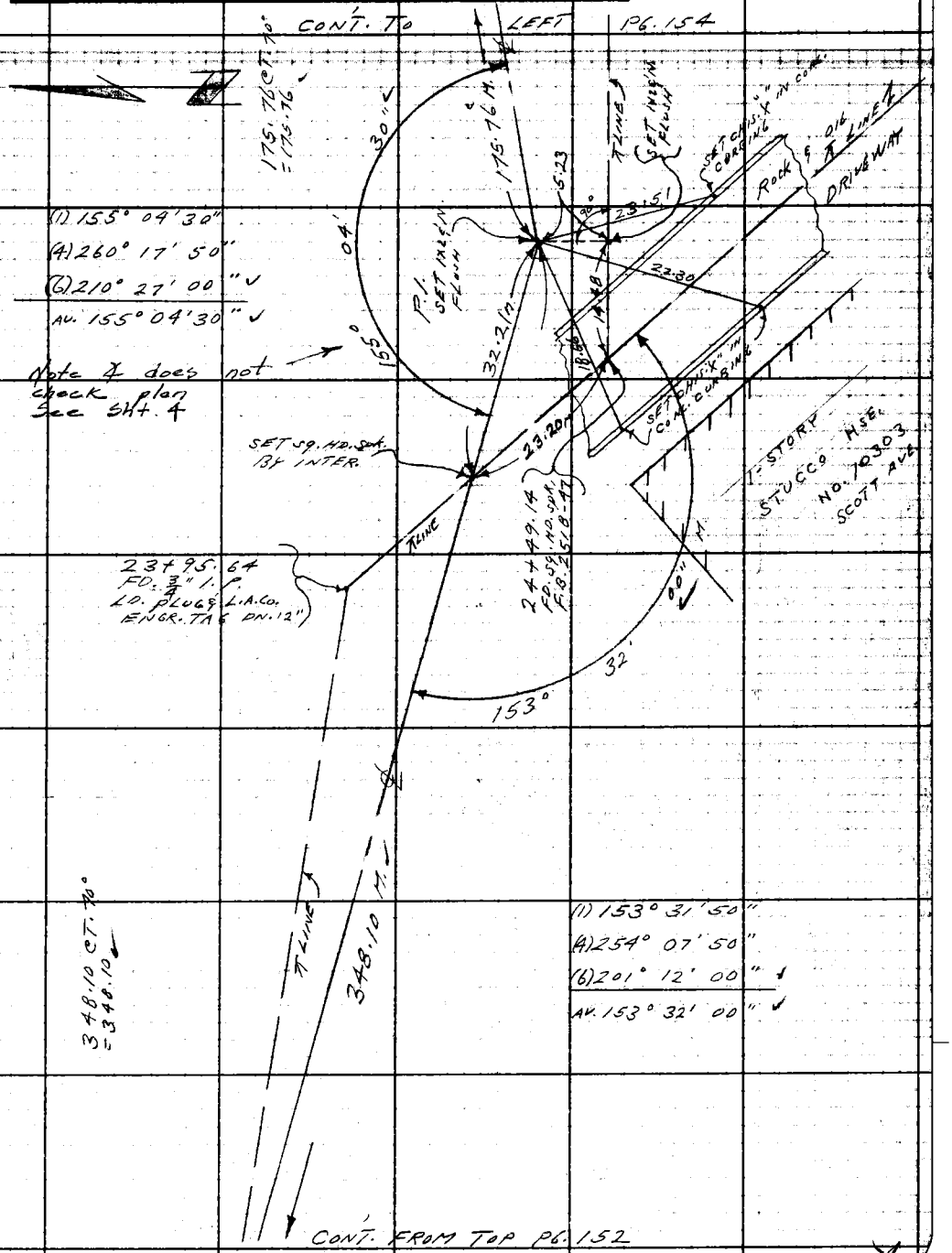
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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 WHITTWOOD S.D.
Map No.	JN 6253-70 Tape 0160 Std 68 °F
Office Work	Surveyed by L.L. BROWN
Checked L. W. BACON	Notes L.L. BROWN Date 5-11-61
Date 6-2-61	Indexed H. E. OTT

F.B. 2558 PG. 153



(1) 155° 04' 30"
(4) 260° 17' 50"
(6) 210° 27' 00" ✓
AV. 155° 04' 30" ✓

Note ∡ does not check plan See Sht. 4

(1) 153° 31' 50"
(4) 254° 07' 50"
(6) 201° 12' 00" ✓
AV. 153° 32' 00" ✓

CONT. FROM TOP PG. 152

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

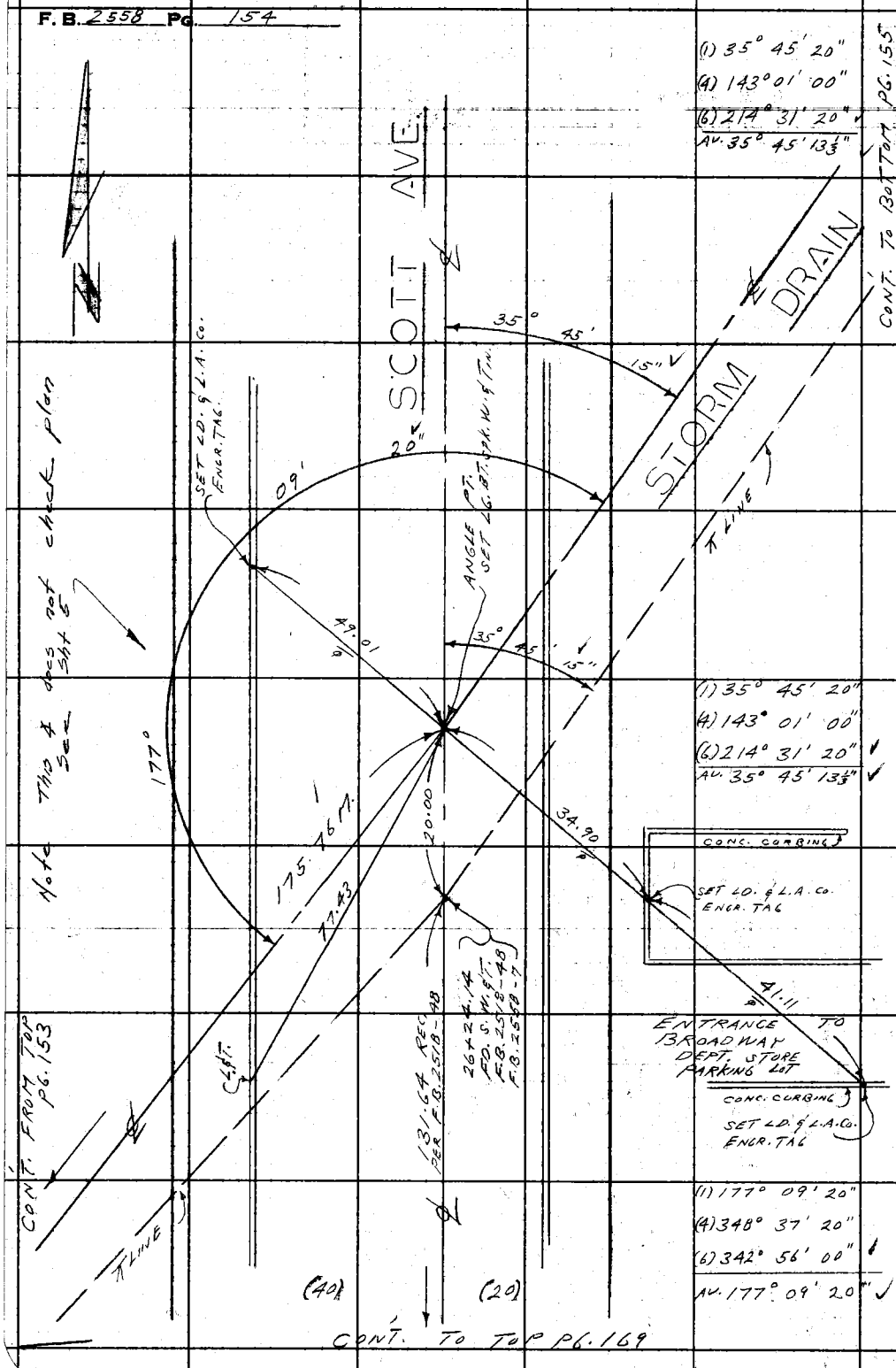
Do not extend notes this side of this line.

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

76F309S CE #247—3-57

F.B. 2558 Pg. 154

34-C-2

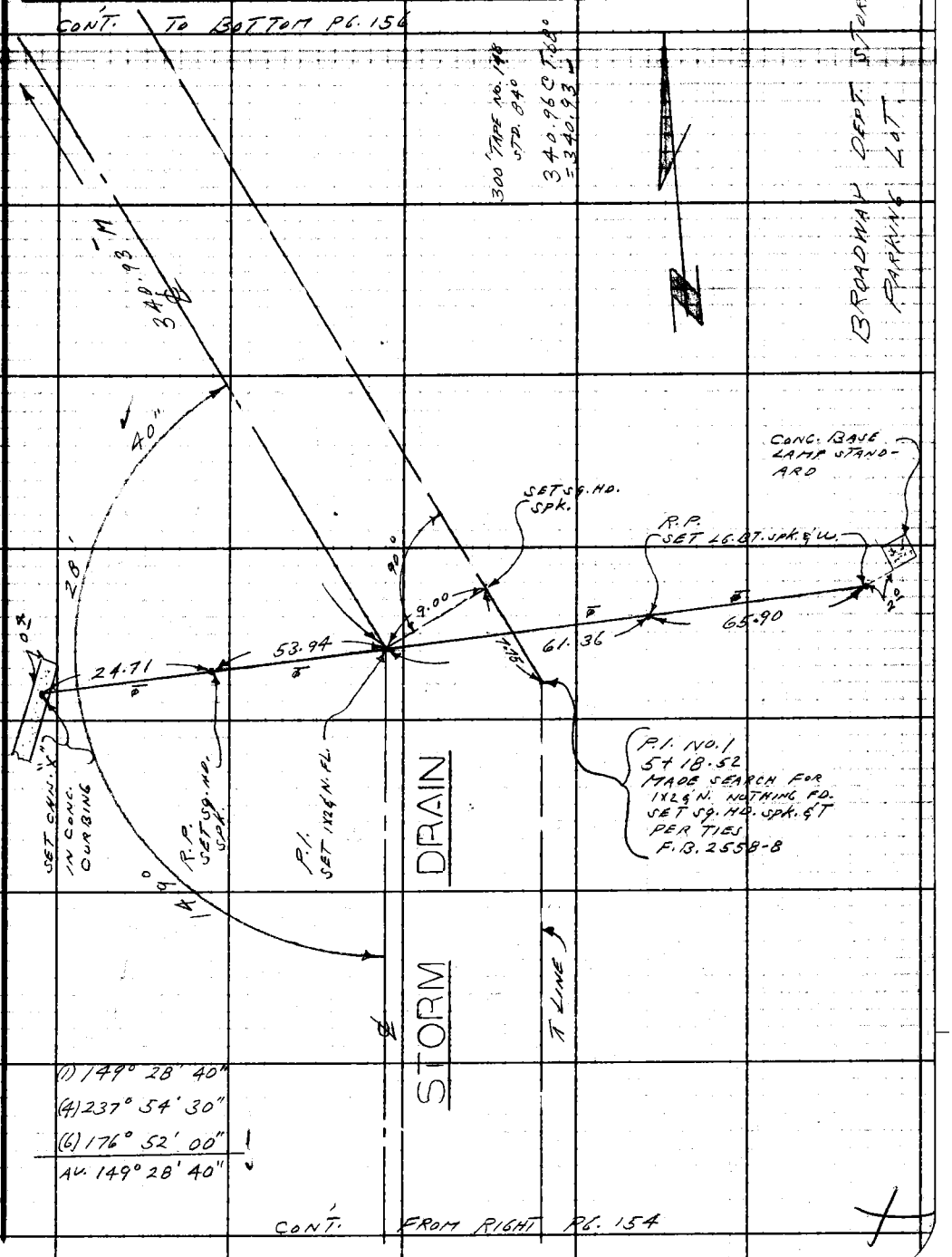


RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 WHITTWOOD S.D.	F.B. 2558 Pg.
Map No.	JN 6233 Tape 3180 Std 60 °F	
Office Work	Surveyed by	
Checked L. W. PATON	Notes L. L. BROWN Date 5-12-61	
Date 6-2-61	Indexed H. E. OTT	



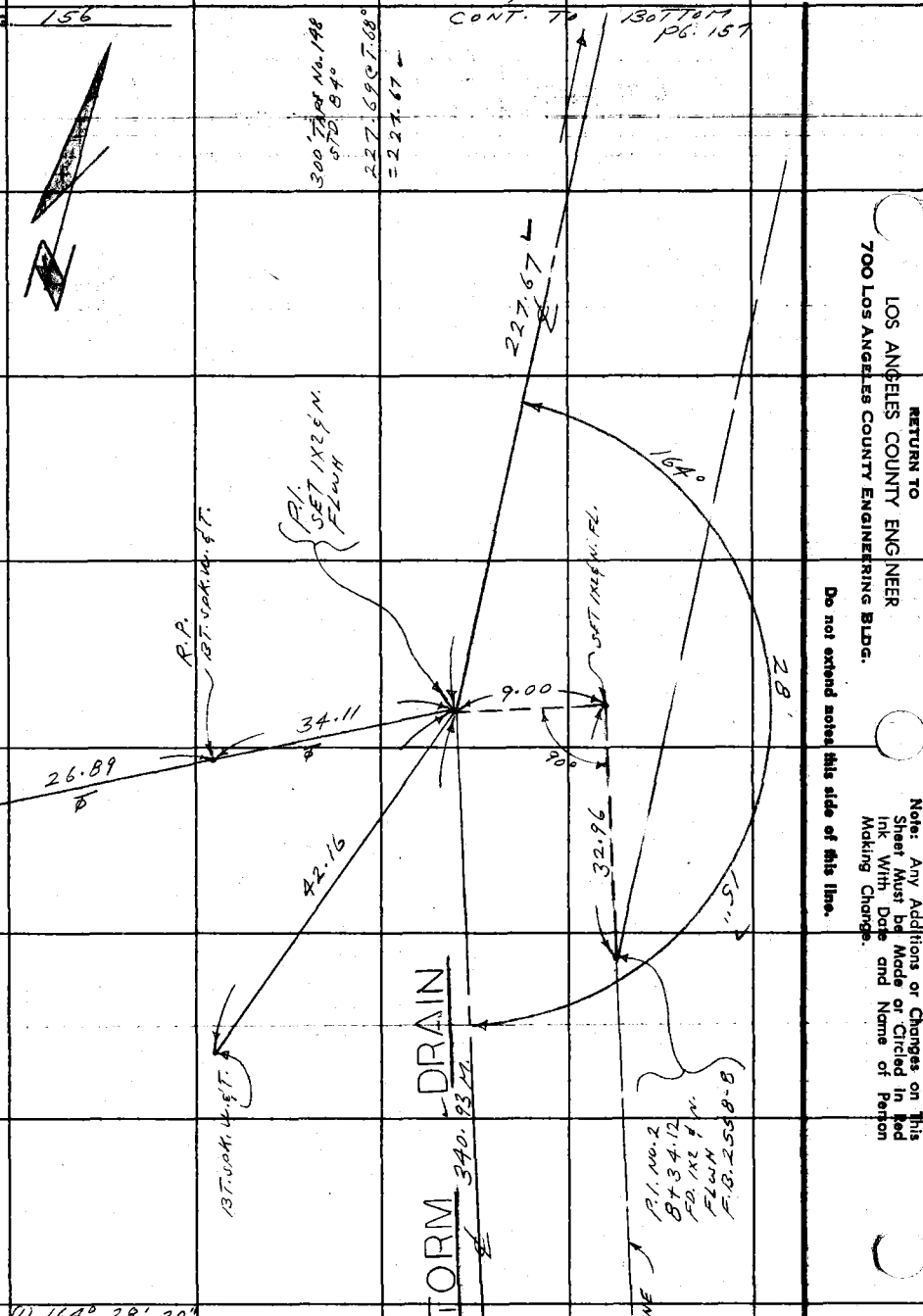
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F309S CE #247—3-57

F.B. 2558 Pg. 156



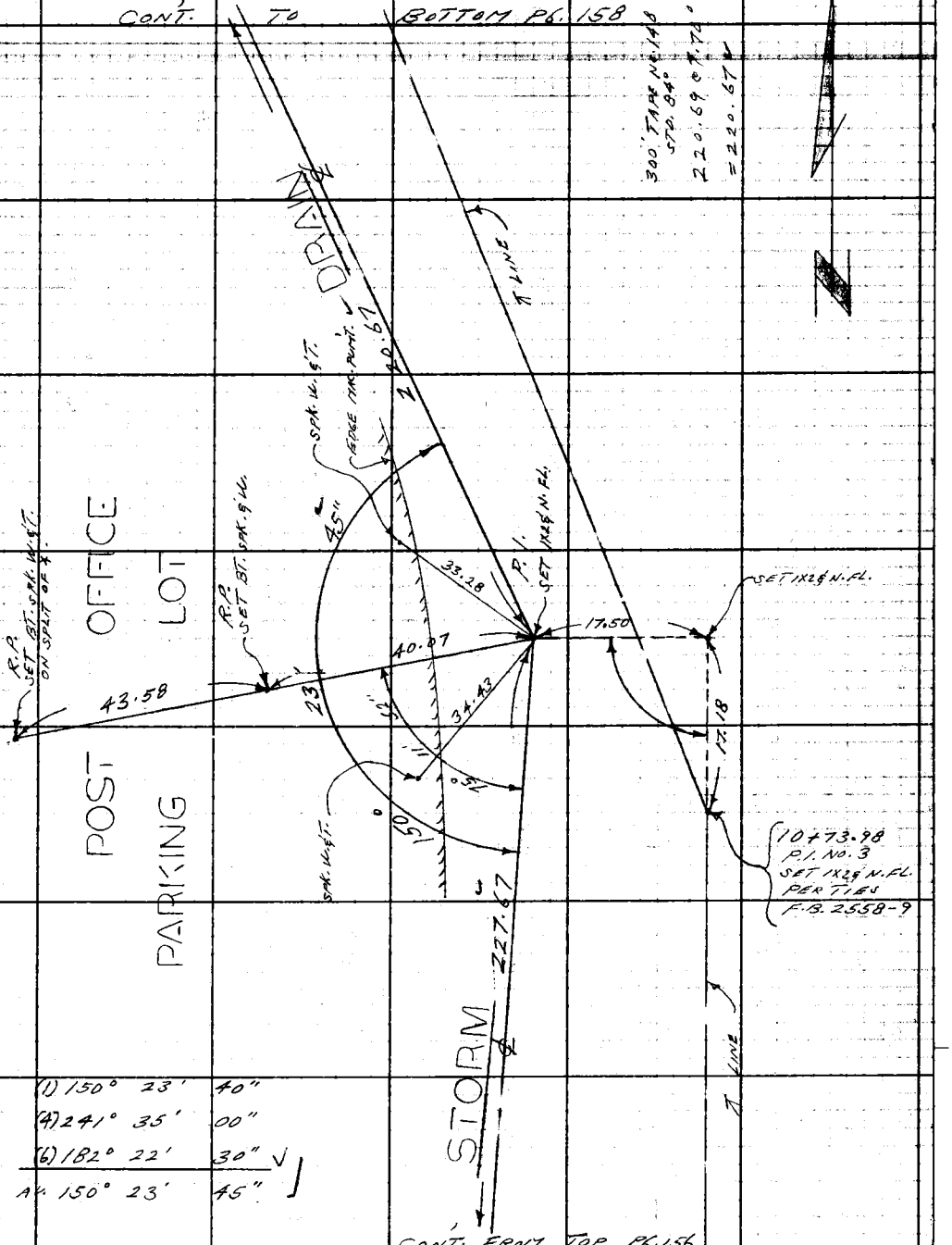
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 WHITTWOOD S.D.
Map No.	JN 6255 Tape 0160 Std 68
Office Work L. W. BACON	Surveyed by
Checked	Notes L.L. BROWN Date 5-12-61
Date 6-2-61	Indexed

F.B. 2558 PG. 157



(1) 150°	23'	40"
(4) 241°	35'	00"
(6) 182°	22'	30"
AV. 150°	23'	45"

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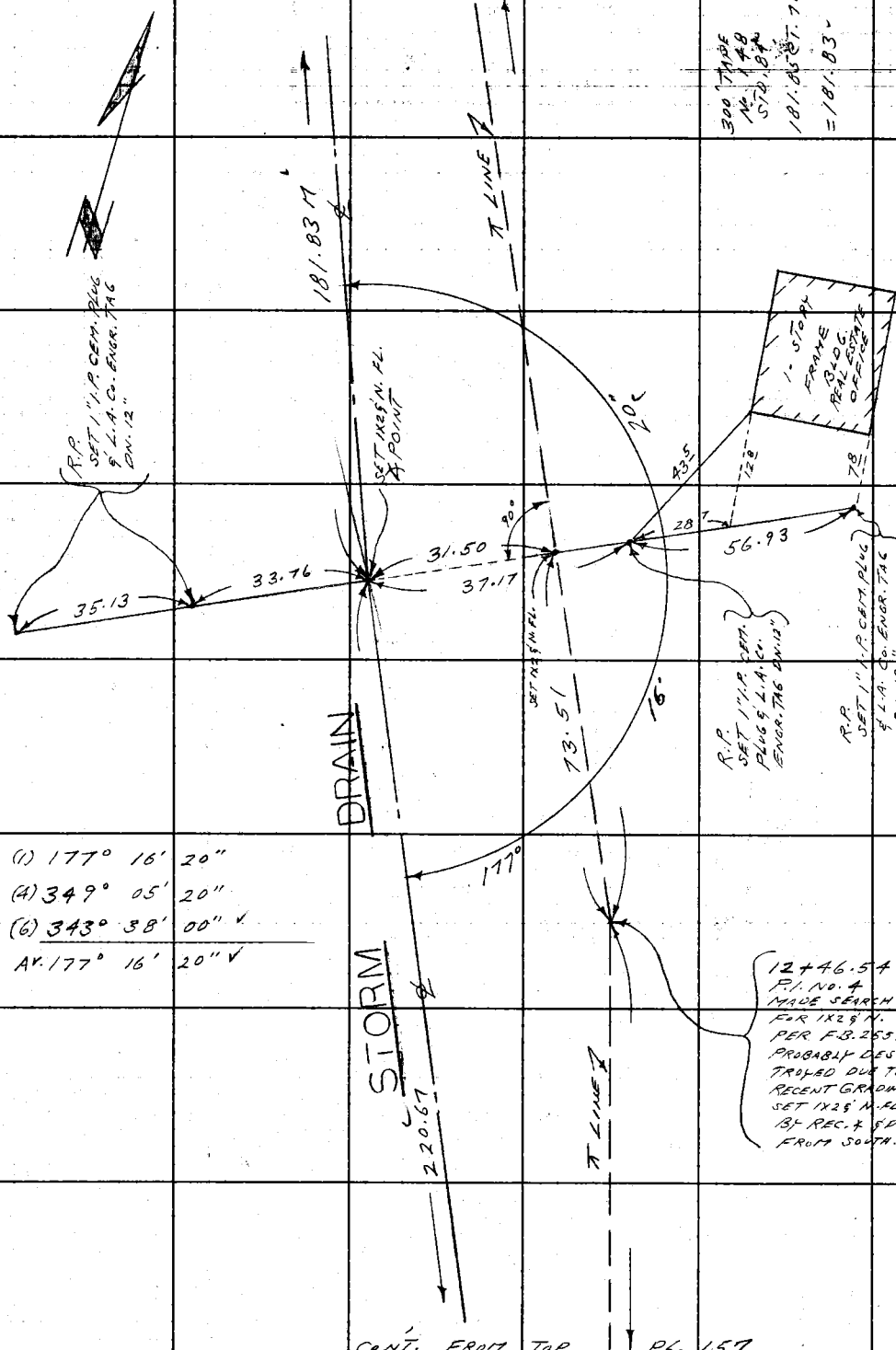
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F.B. 2558 Pg. 158

CONT. TO BOTTOM PG. 159



(1) 177° 16' 20"
(4) 349° 05' 20"
(6) 343° 38' 00" ✓
AV. 177° 16' 20" ✓

CONT. FROM TOP PG. 157

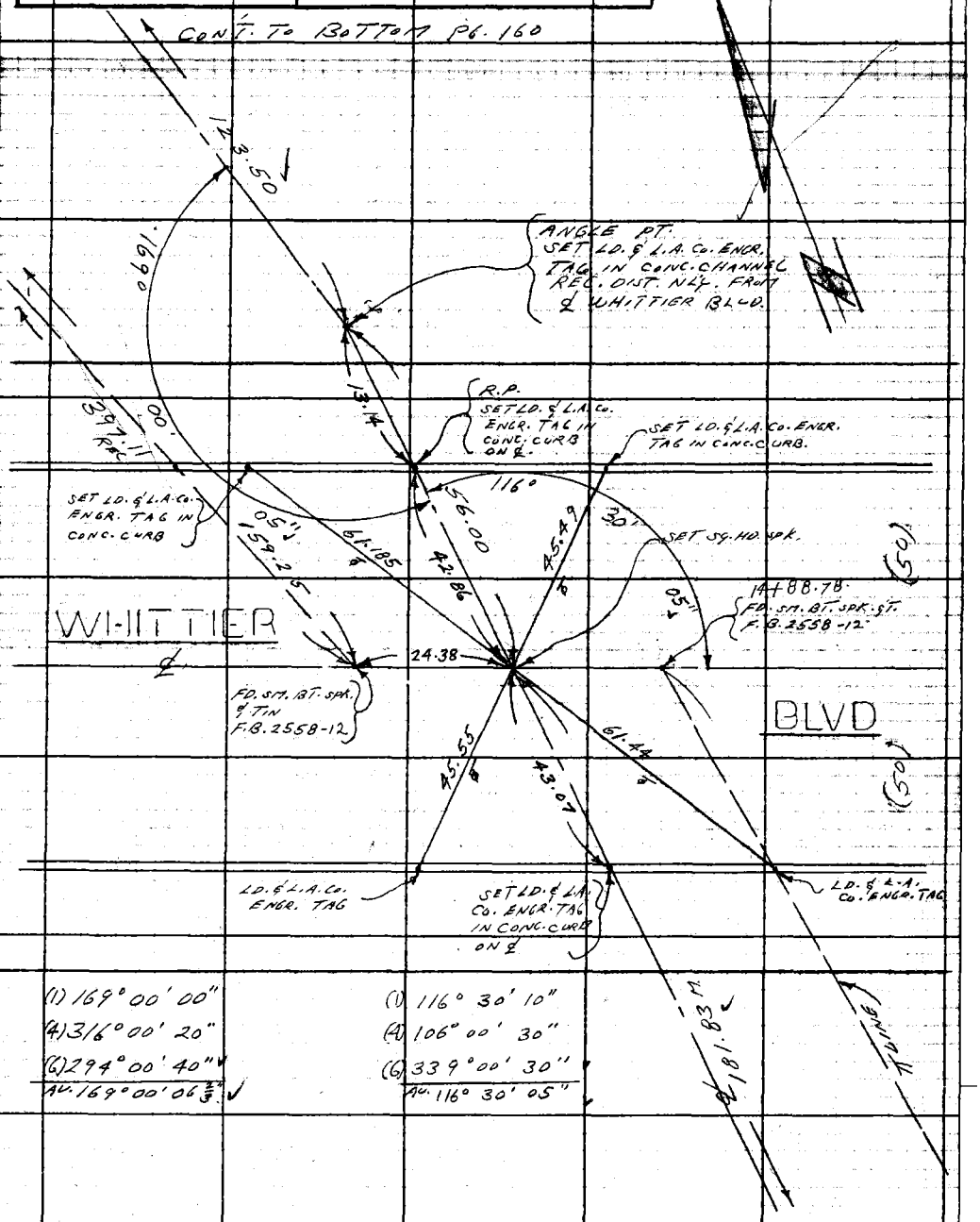
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 WHITTWOOD S.D.
Map No.	JN 6253.80 Tape 0180 Std 60 °F
Office Work	Surveyed by
Checked L. W. BACON	Notes L. L. BROWN Date 5-12-61
Date 6-2-61	Indexed B. E. OTT

F.B. 2558 PG. 159



(1) 169° 00' 00"
(4) 316° 00' 20"
(6) 294° 00' 40"
AV. 169° 00' 06 2/3"

(1) 116° 30' 10"
(4) 106° 00' 30"
(6) 339° 00' 30"
AV. 116° 30' 05"

CONT. FROM TOP PG. 158

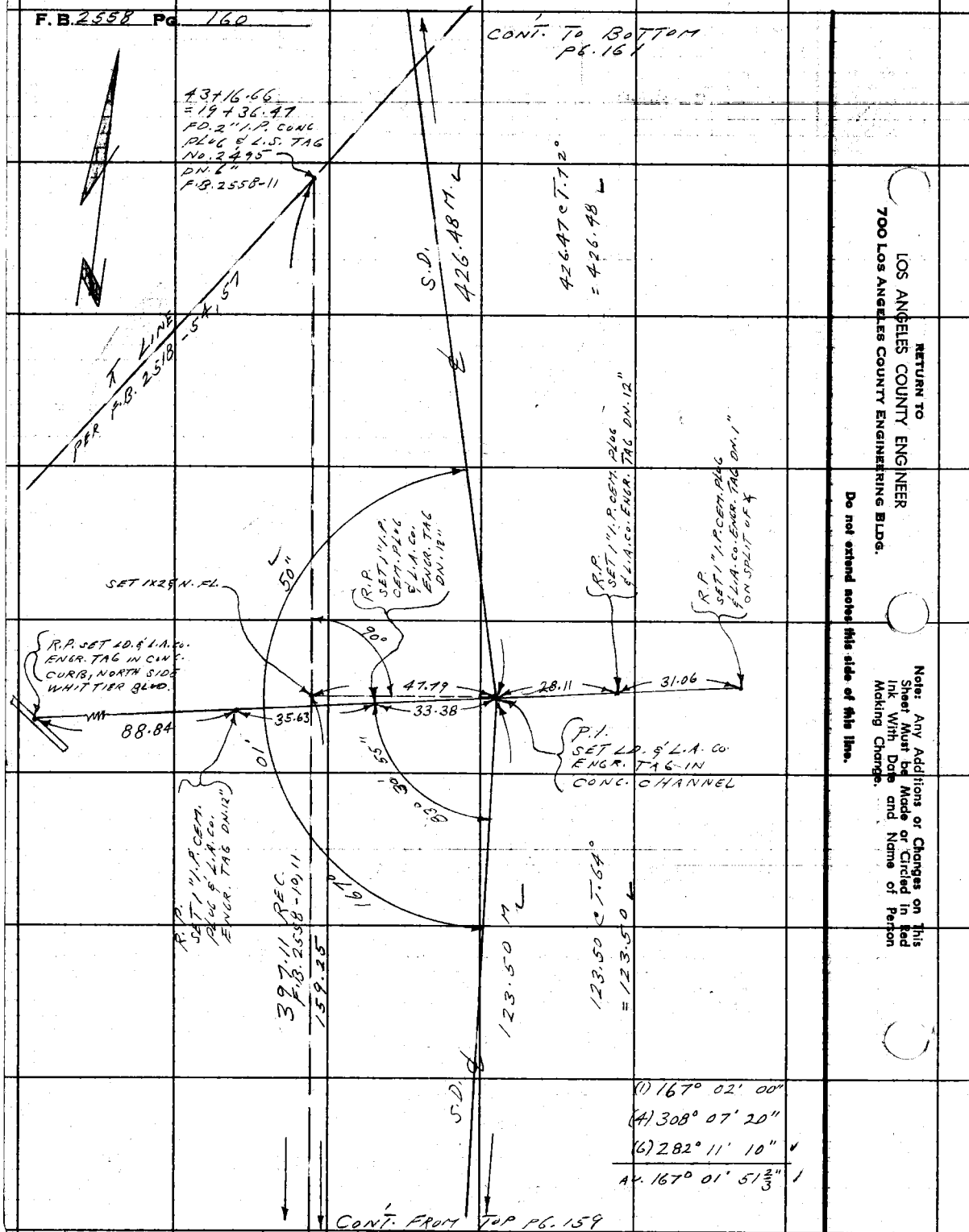
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3095 CE #247—3-57

F.B. 2558 Pg. 160



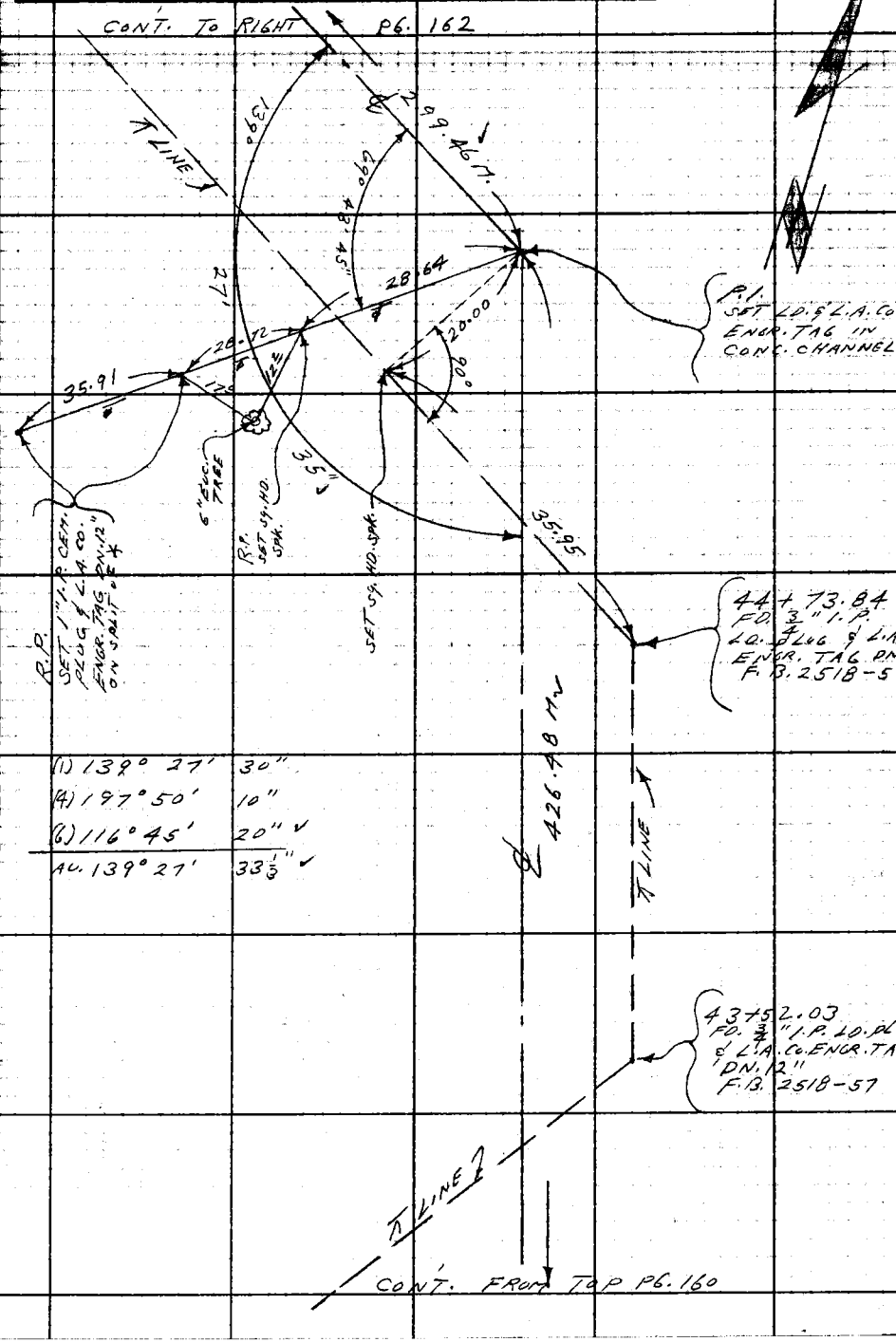
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 WHITTWOOD S.D.
Map No.	JN 6253-70 Tape 0160 Std 80 °F
Office Work	Surveyed by
Checked L. W. BACON	Notes L. L. BROWN Date 12-15-61
Date 6-2-61	Indexed H. E. OTT

F.B. 2558 PG. 161



(1) 139° 27'	30"
(4) 197° 50'	10"
(6) 116° 45'	20" ✓
AV. 139° 27'	33 1/3" ✓

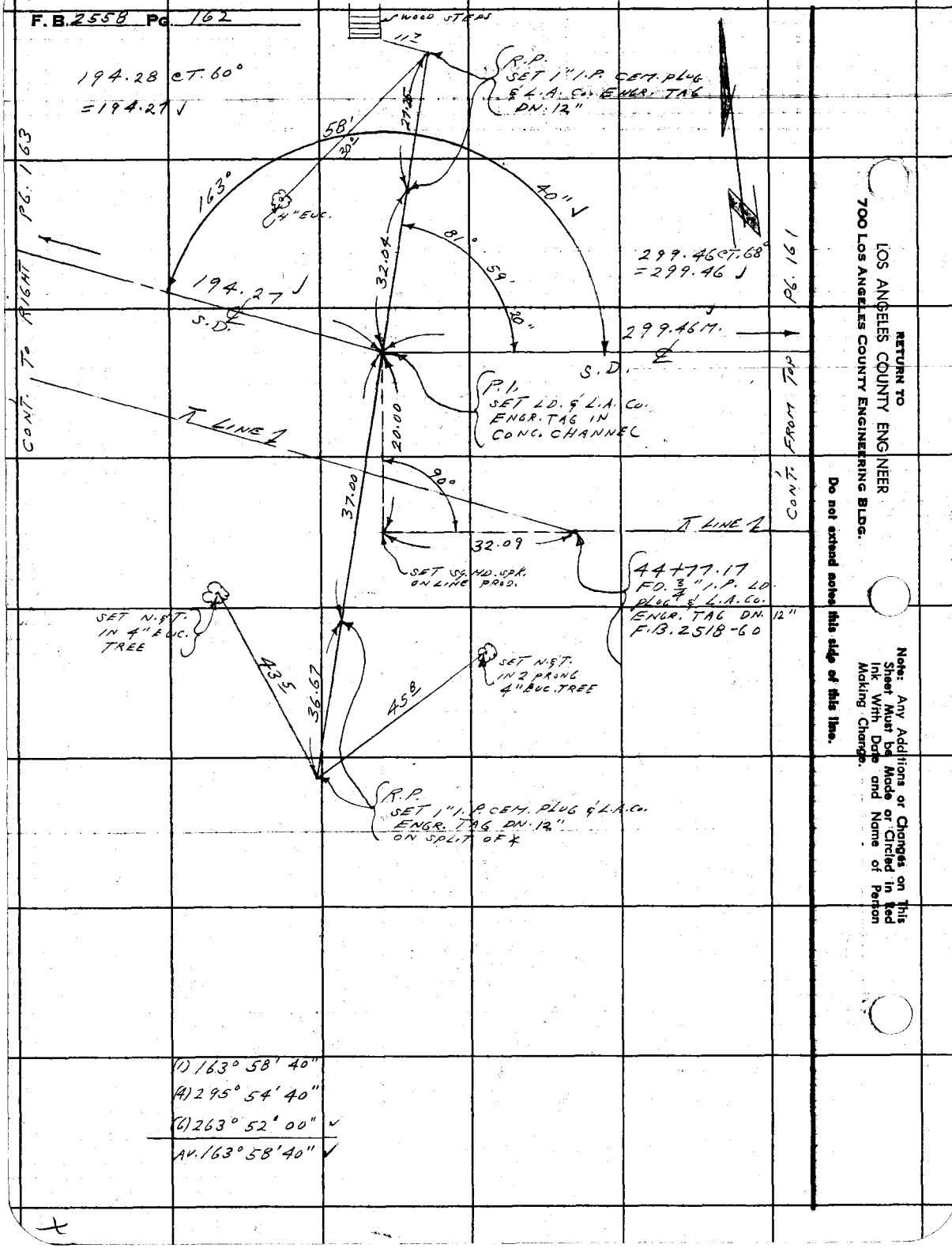
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3098 CE #247—3-57

F. B. 2558 Pg. 162



(1) 163° 58' 40"
(4) 295° 54' 40"
(6) 263° 52' 00"
AV. 163° 58' 40"

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

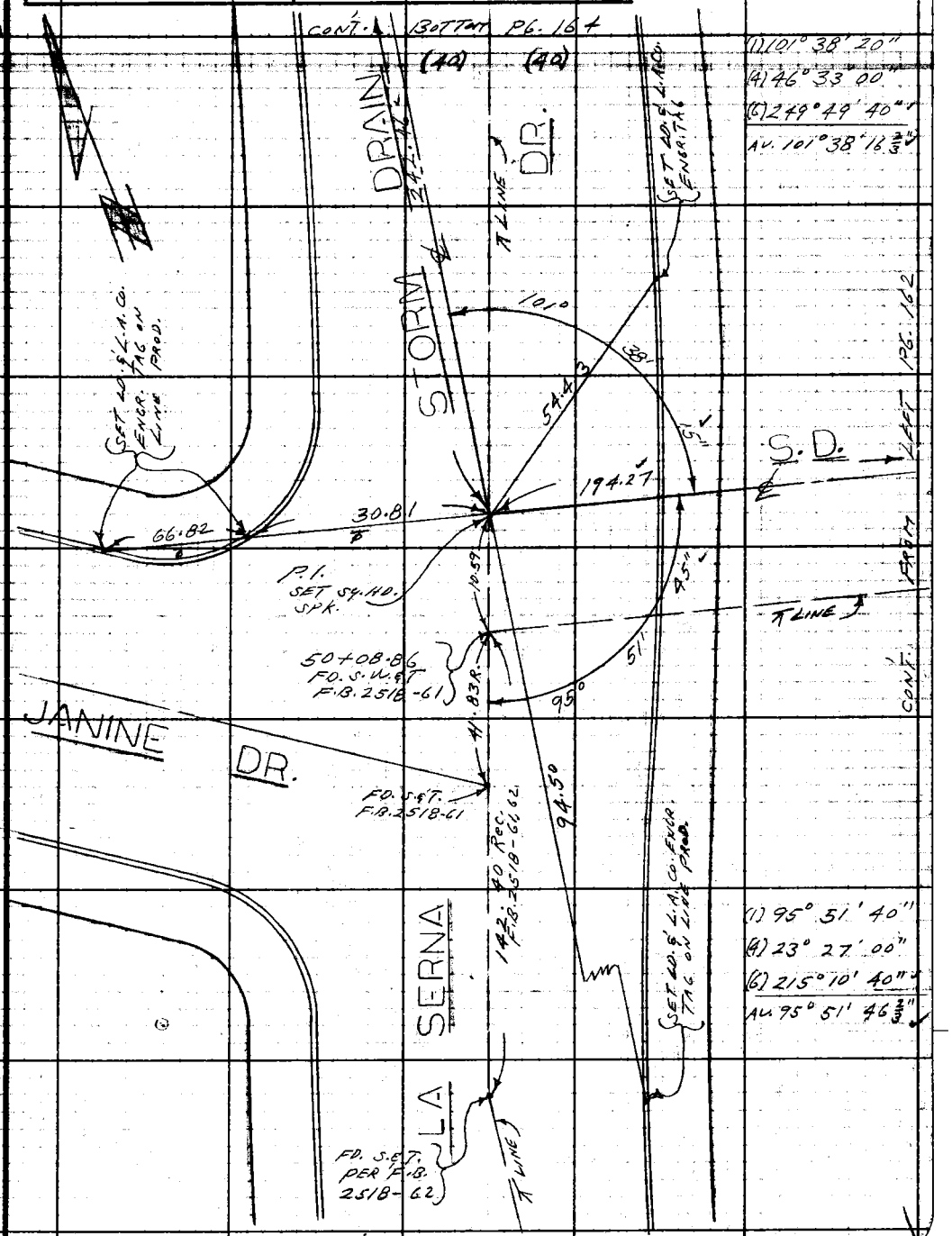
Do not extend notes this side of this line.

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 WHITTWOOD S.D.
Map No.	JN 62337 Tape 0780 Std 60 °F
Office Work	Surveyed by
Checked L. W. BACON	Notes L. L. BROWN Date 5-18-61
Date 6-2-61	Indexed H. E. OTT

F.B. 2553 PG. 153

34-C-2



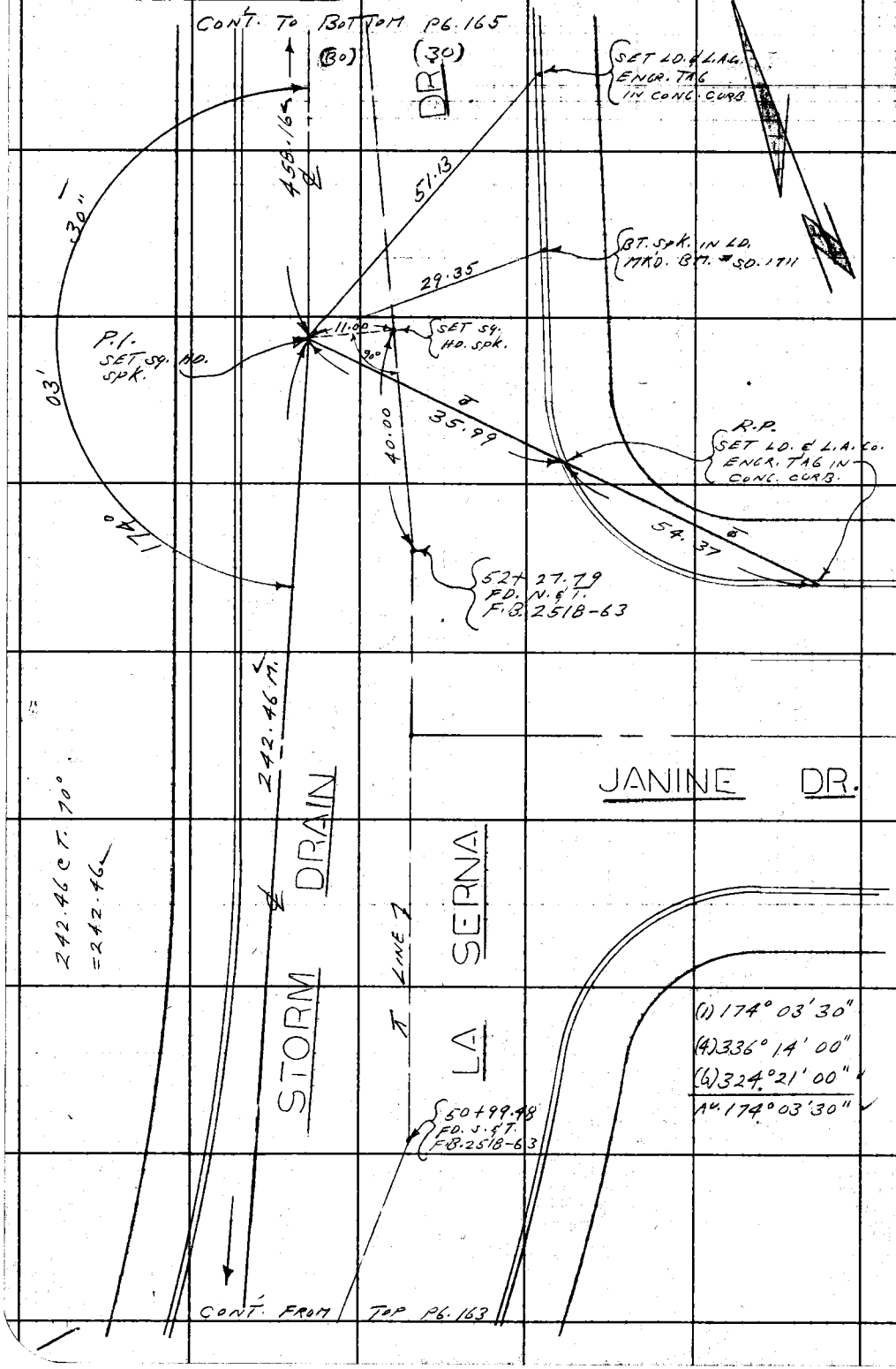
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F309S CE #247—3-57

F.B. 2558 Pg. 164



34-C-1

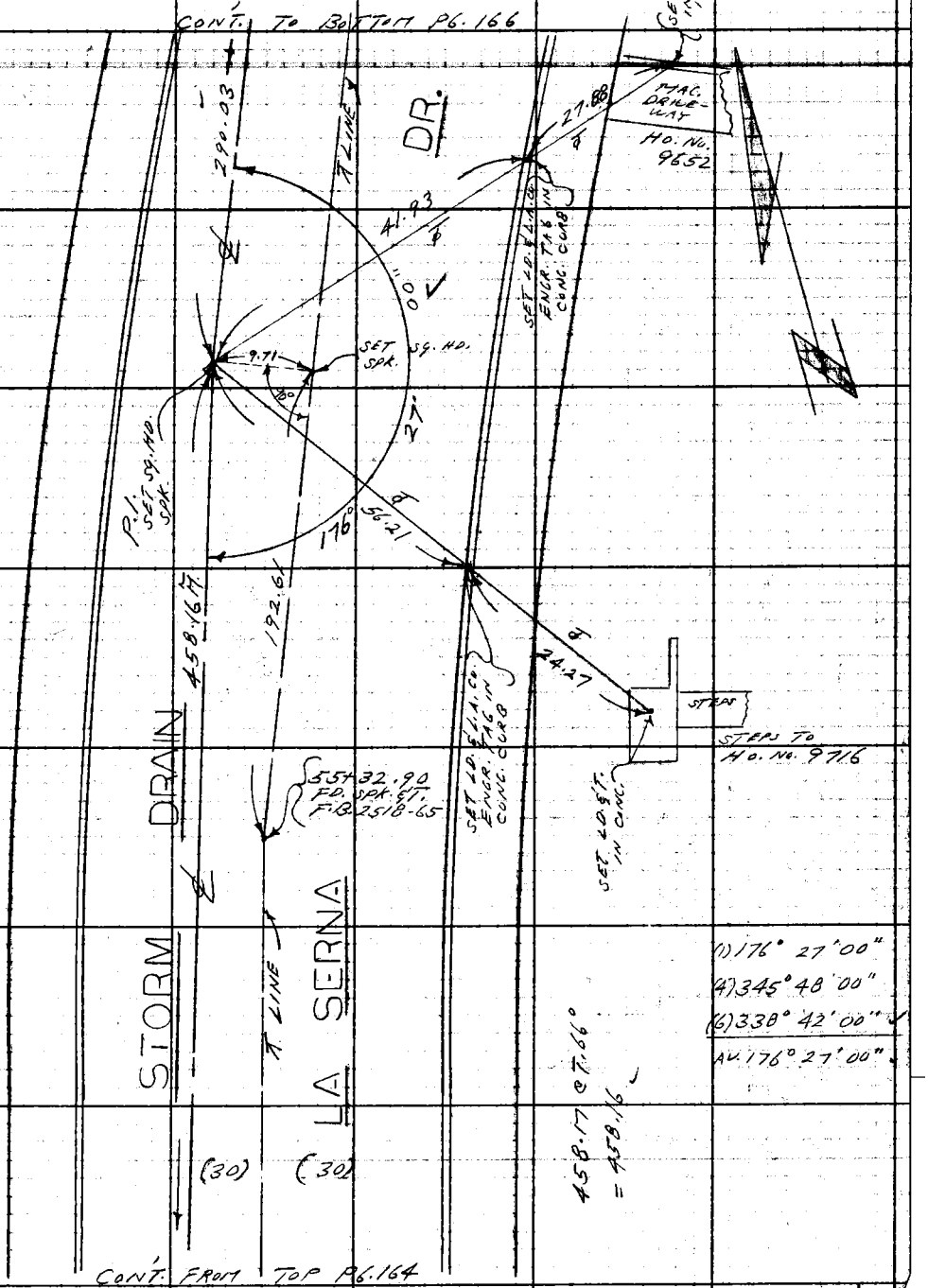
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 WHITTWOOD S.D.
Map No.	JN 62554 Tape 0160 Std 68
Office Work	Surveyed by
Checked L. W. BACON	Notes L. L. BROWN Date 5-18-61
Date 6-2-61	Indexed H. E. OH

F. B. [illegible] PG. [illegible]



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

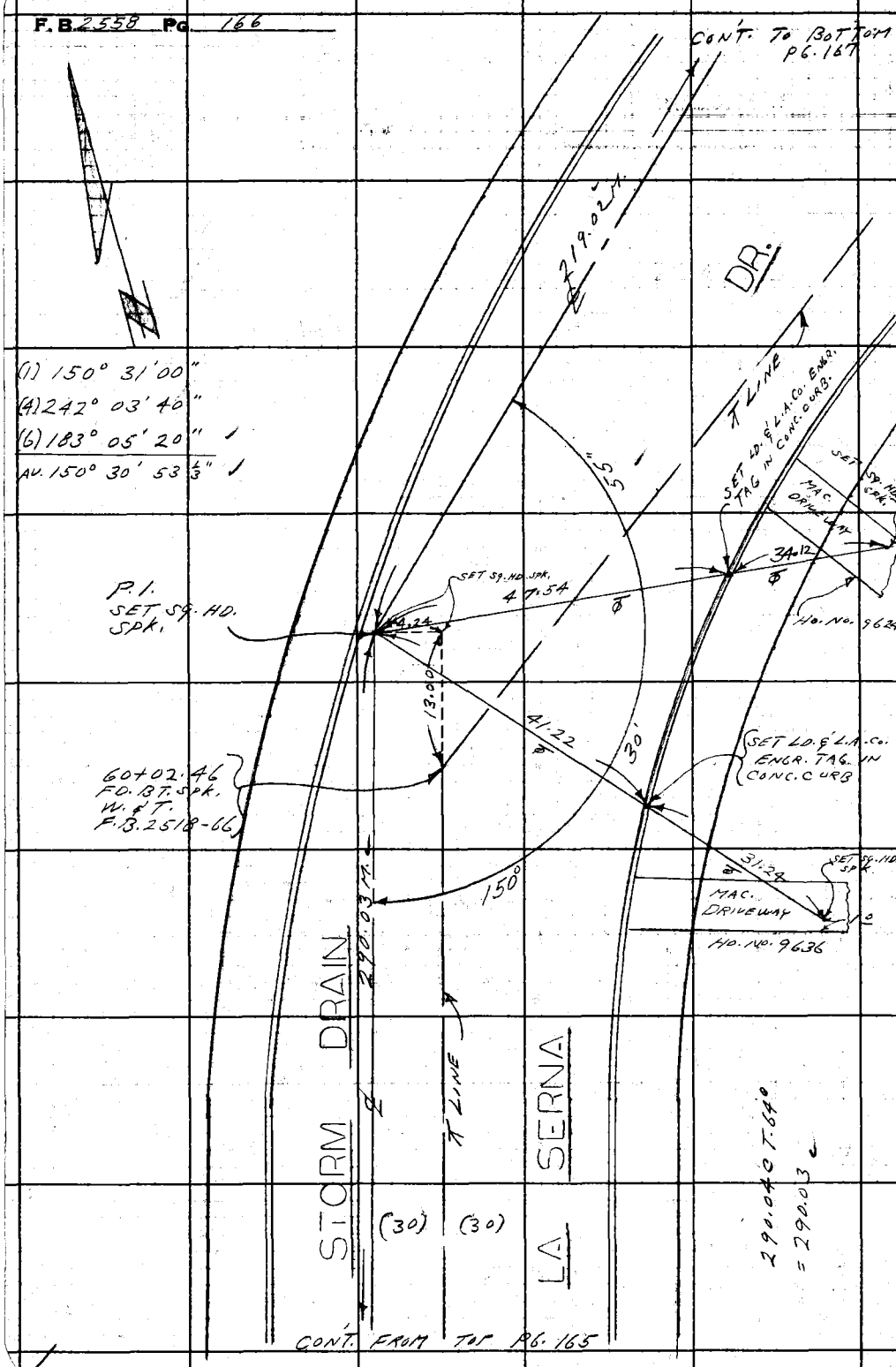
Do not extend notes this side of this line.

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

76F309S CE #247—3-57

F.B. 2558 Pg. 166

34-C-1



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.

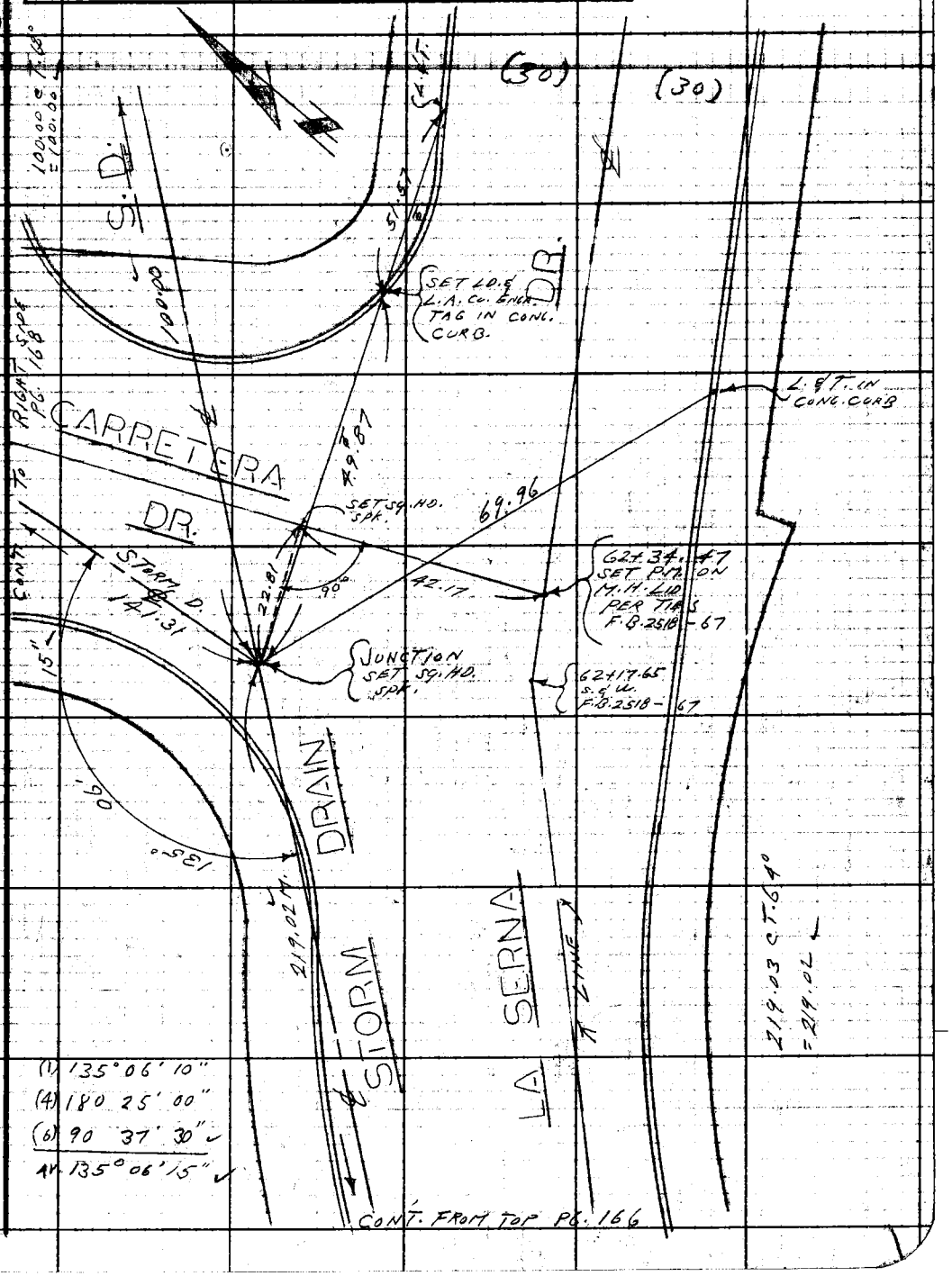
Notes Ck'd by	Survey of [illegible] F.B. [illegible] Pg.
Map No.	JN [illegible] Tape [illegible] Std [illegible]
Office Work	Surveyed by
Checked L. W. BACON	Notes L. L. BROWN Date 5-19-61
Date 6-2-61	Indexed H. E. OTT

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

Do not proceed notes this side of this line.

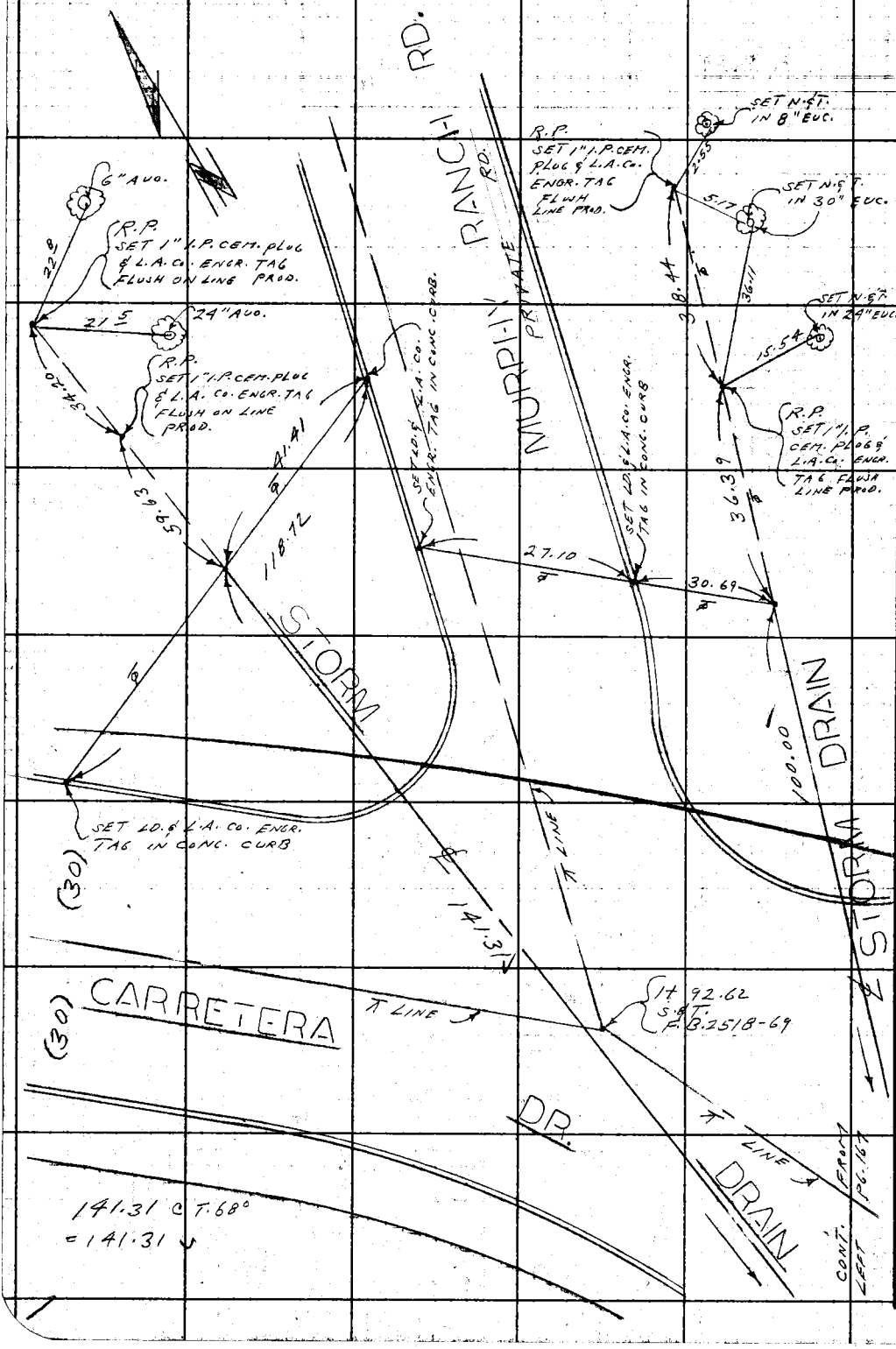
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE #247—3-57



F. B. 2558 Pg. 168

34-C-1



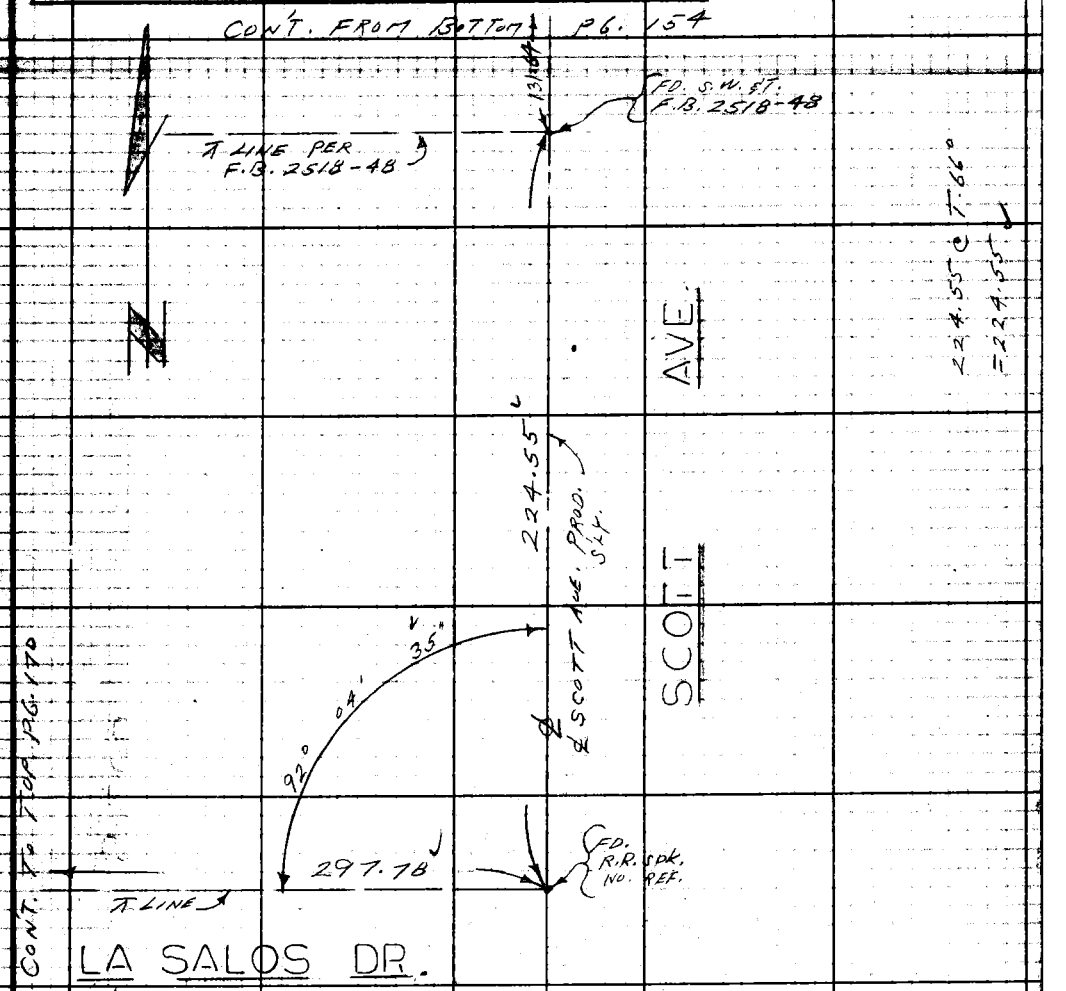
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 WHITTWOOD S.D.
Map No.	JN 6253 Tape 0780 Std 80 °F
Office Work	Surveyed by
Checked L. W. BACON	Notes L. L. BROWN Date 5-19-61
Date 6-2-61	Indexed H. E. OTT

F.B. 2558 Pg. 159



(1) 92° 04' 20"
(4) 08° 18' 10"
(6) 192° 27' 20"
AV. 92° 04' 33⅓"

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.

76F309S CE #247—3-57

F.B. 2558 Pg. 170

CONT. FROM LEFT PG. 169

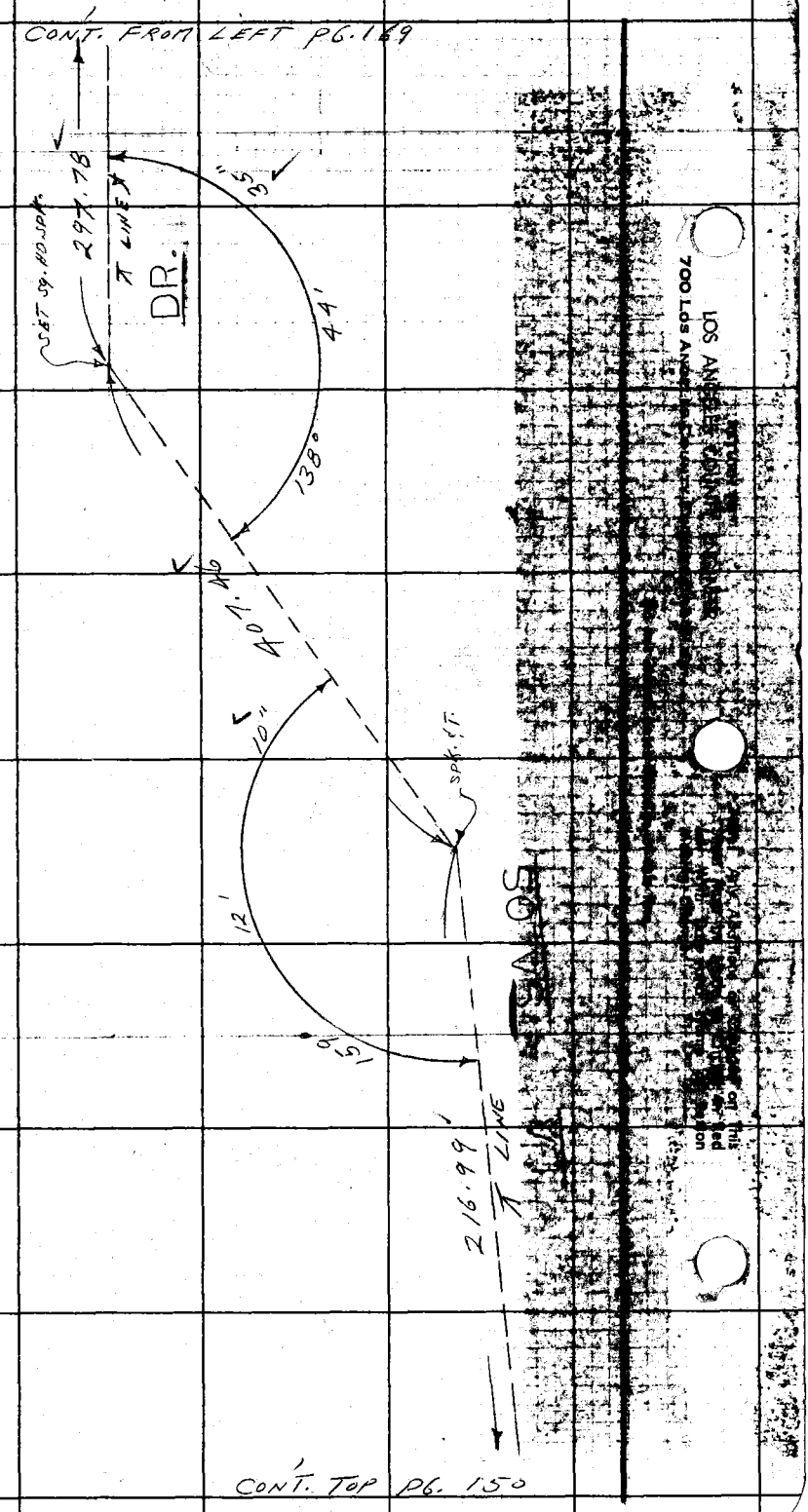
297.79 @ T.64°
=297.78

(1) 138° 44' 40"
(4) 194° 58' 20"
(6) 112° 27' 20"
AV. 138° 44' 33½"

407.47 @ T. 64°
=407.46

(1) 159° 12' 20"
(4) 276° 48' 40"
(6) 235° 13' 00"
AV. 159° 12' 10"

217.00 @ T.64°
=216.99



CONT. TOP PG. 150