DATE			NOTES	PAGES
4/59	0881.05	COVINA STORM DRAIN LINE "B" PROJECT # 423	℄	5-21
5/59	"	BARRANCA AVE, FROM GHARTER OAK CREEK N. TO SAN BERNARDINO RD.	TOPOG	34-68
5/59	"	" " " " " " " " " " "	X-SEC	75-140
5/59	"	COVINA STORM DRAIN LINE "C" PROJECT 423	℄	152-160
5/59	"	C" SECTION GRAND AVE. FROM SAN BERNARDINO RD. TO CYPRESS ST.	TOPOG	171-188
5/59	"	" " " " " " " " " " "	X-SEC.& PROFILE	195-229

Notes Ck'd by
Map No.
Checked
Date

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed

F. B. PG.

Microfilmed Mar. '85
P.W. Dept. file o.k.

Notes Ck'd by S. H. MILLER
Map No.
Checked
Date MAY 20 1959

Survey of COVINA STORM DR.
JN 0861.05 Tape 0162 Std 60 °F
Surveyed by H. R. Stock
Notes Stock Date 4-24-59
Indexed A. C. Johnson 5-12-59

F. B. 2545 PG. 5

COVINA STORM DRAIN
LINE "B"
PROJECT # 423
J.N. 0861.05

CENTER LINES

PARTY
STOCK
MOODY
LYBRAND
VALDEZ
BICKSLER

RETURN TO
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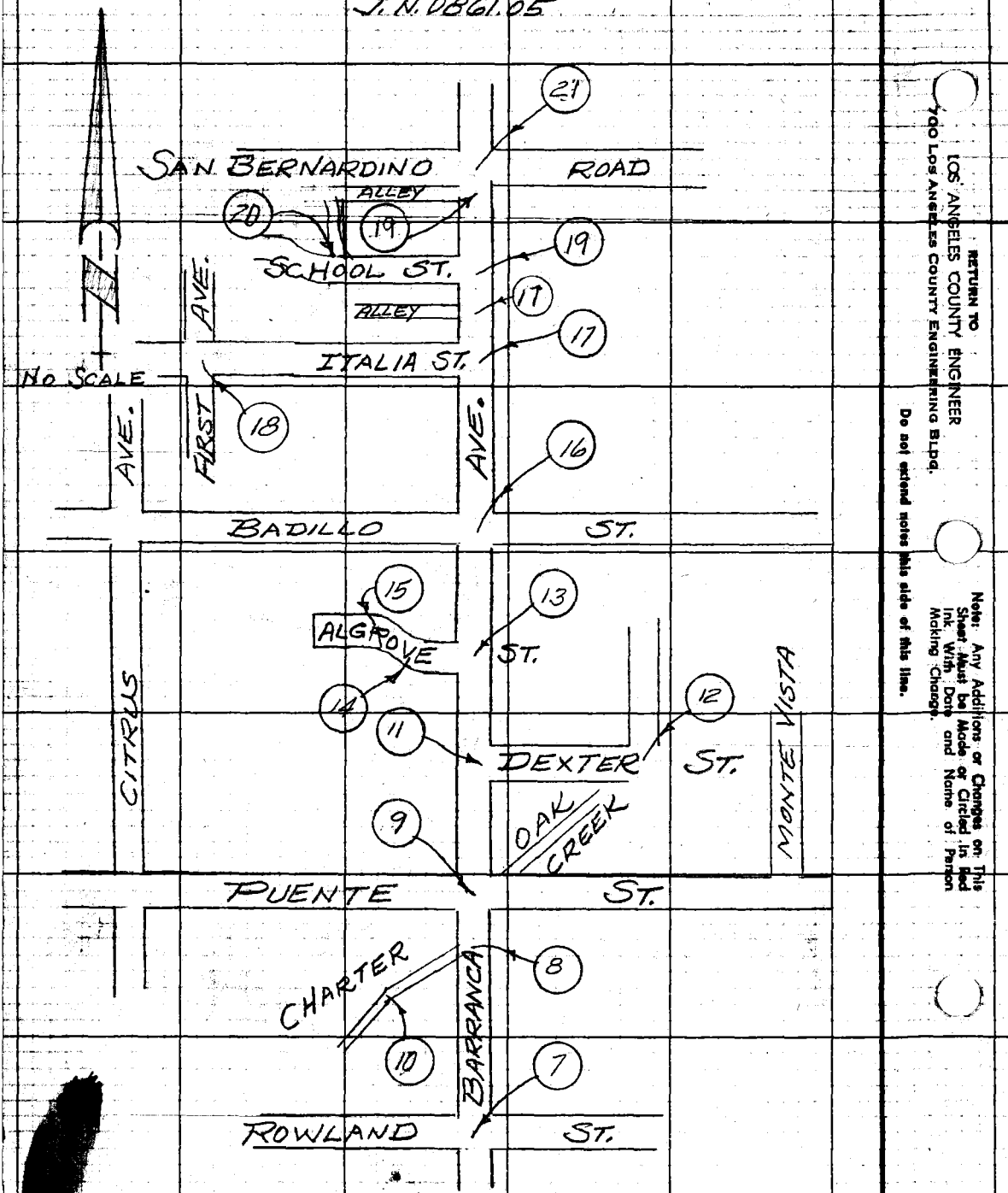
76F3008 CE #247—8-57

F. B. 2545 Pg. 6

INDEX

COVINA STORM DRAIN (LINE "B") PROJECT 723

J.N. 0861.05



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

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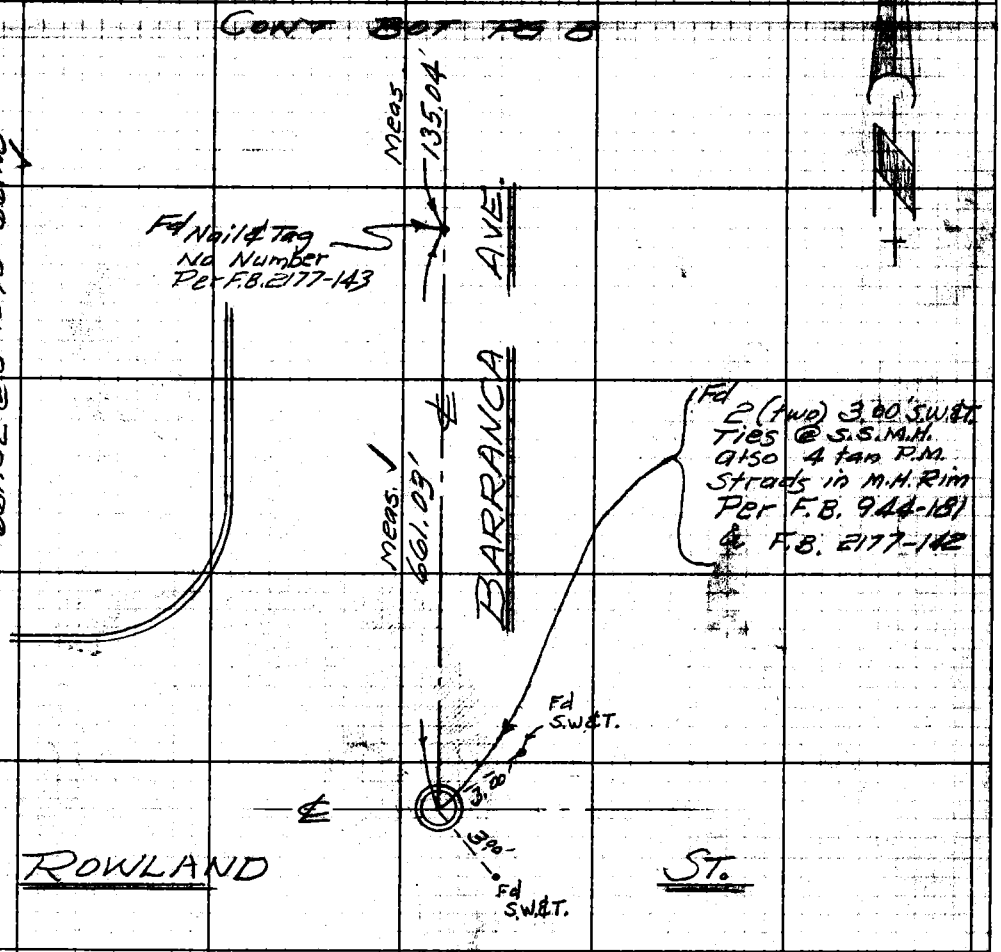
Notes Ck'd by S. H. MILLER
Map No.
Checked
Date MAY 20 1959

Survey of COVINA STORM DR.
JN 0861.05 Tape 0162 Std 68 °F
Surveyed by H. R. Stock
Notes STOCK Date 4-27-59
Indexed A. C. Johnson

F. B. 2545 Pg. 7



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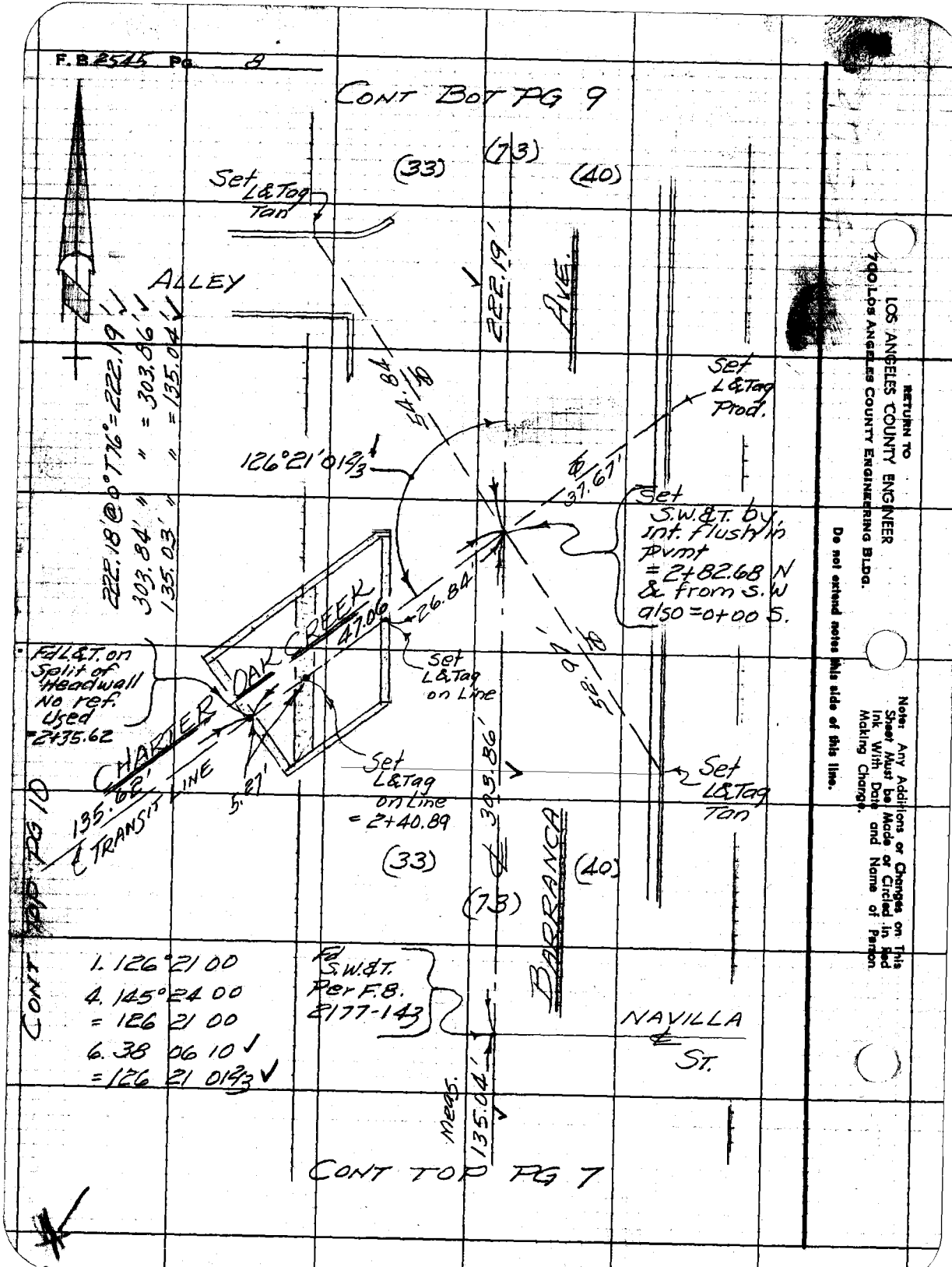
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F.B. 2545 Pg. 8

CONT BOT PG 9



CONT TOP PG 10

CONT TOP PG 7

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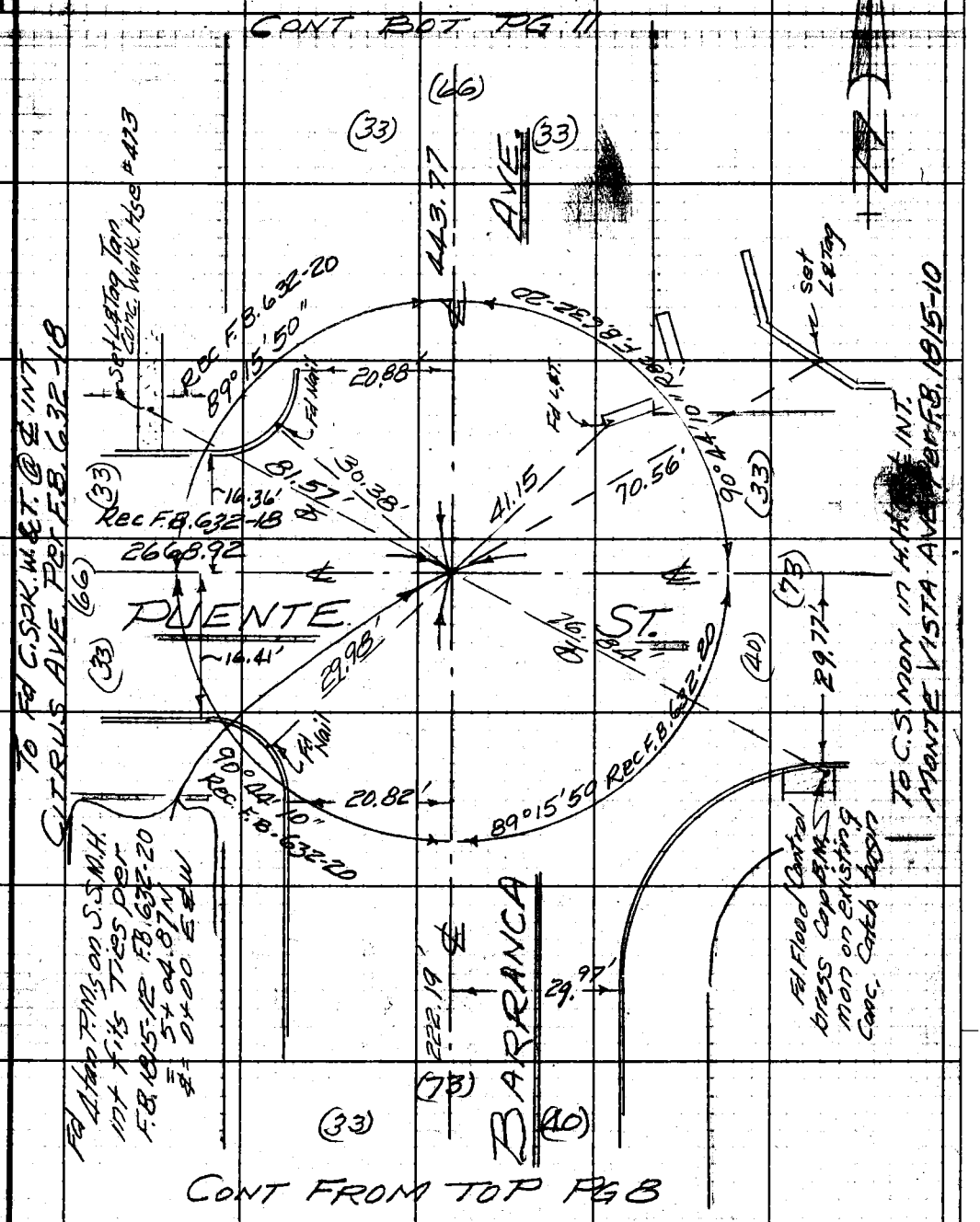
Notes Ck'd by S. H. MILLER	Survey of COVINA ST. DR.
Map No.	JN 0861.05 Tape 0162 Std 68 °F
Office Work	Surveyed by H. F. STOCK
Checked	Notes STOCK Date 4-27-59
Date MAY 20 1959	Indexed L. C. Johnson

F. B. 2545 PG. 9

47-0-4



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

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RETURN TO
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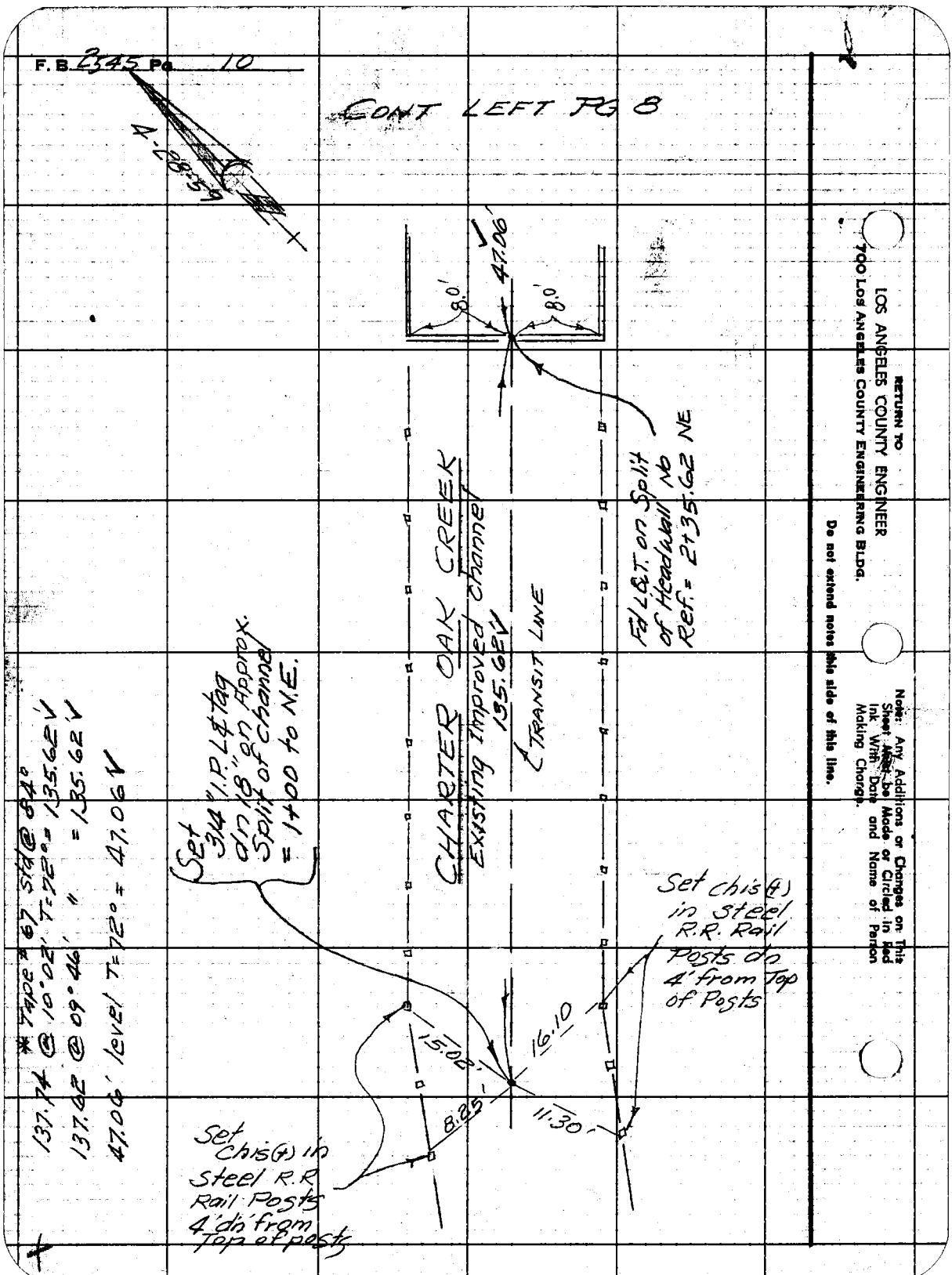
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE #247—3-57


F.B. 2545 Pg. 10
CONT LEFT PG 8
4-28-59
47.06'
8.0'
8.0'
Fd L&T. on Split of Headwall No Ref. = 2+35.62 NE
CHARTER OAK CREEK
Existing Improved Channel
135.62V
TRANSIT LINE
Set 314" I.P. L&Tag dn 18" on Approx. Split of Channel = 1+00 to N.E.
Set Chis(+) in Steel R.R. Rail Posts dn 4' from Top of Posts
16.10
15.02'
8.25'
11.30'
Set Chis(+) in Steel R.R Rail Posts 4' dn from Top of posts
137.74 @ 10°02' T=72° = 135.62V
137.62 @ 09°46' " = 135.62V
47.06' level T=72° = 47.06V
* Tape # 67 std @ 84°
RETURN TO
LOS ANGELES COUNTY ENGINEER
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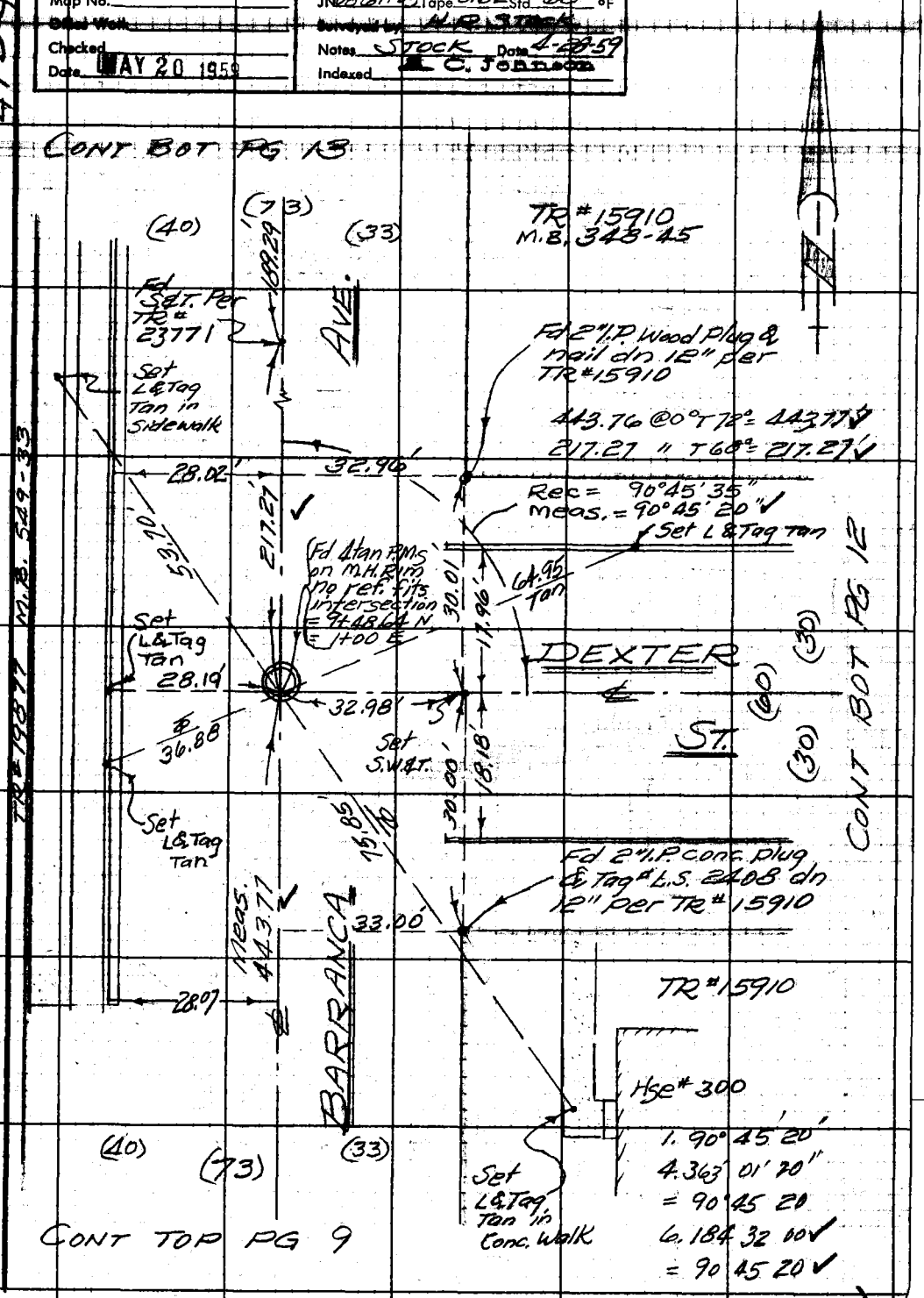
Notes Ck'd by S. H. MILLER	Survey of COVINA ST. DR.	F. B. 2545 PG. 11
Map No.	JN 0861.05 Tape 0162 Std 68 °F	
Office Work	Surveyed by H. R. STOCK	
Checked	Notes STOCK Date 4-28-59	
Date MAY 20 1959	Indexed A. C. Johnson	

47-D-4



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RETURN TO
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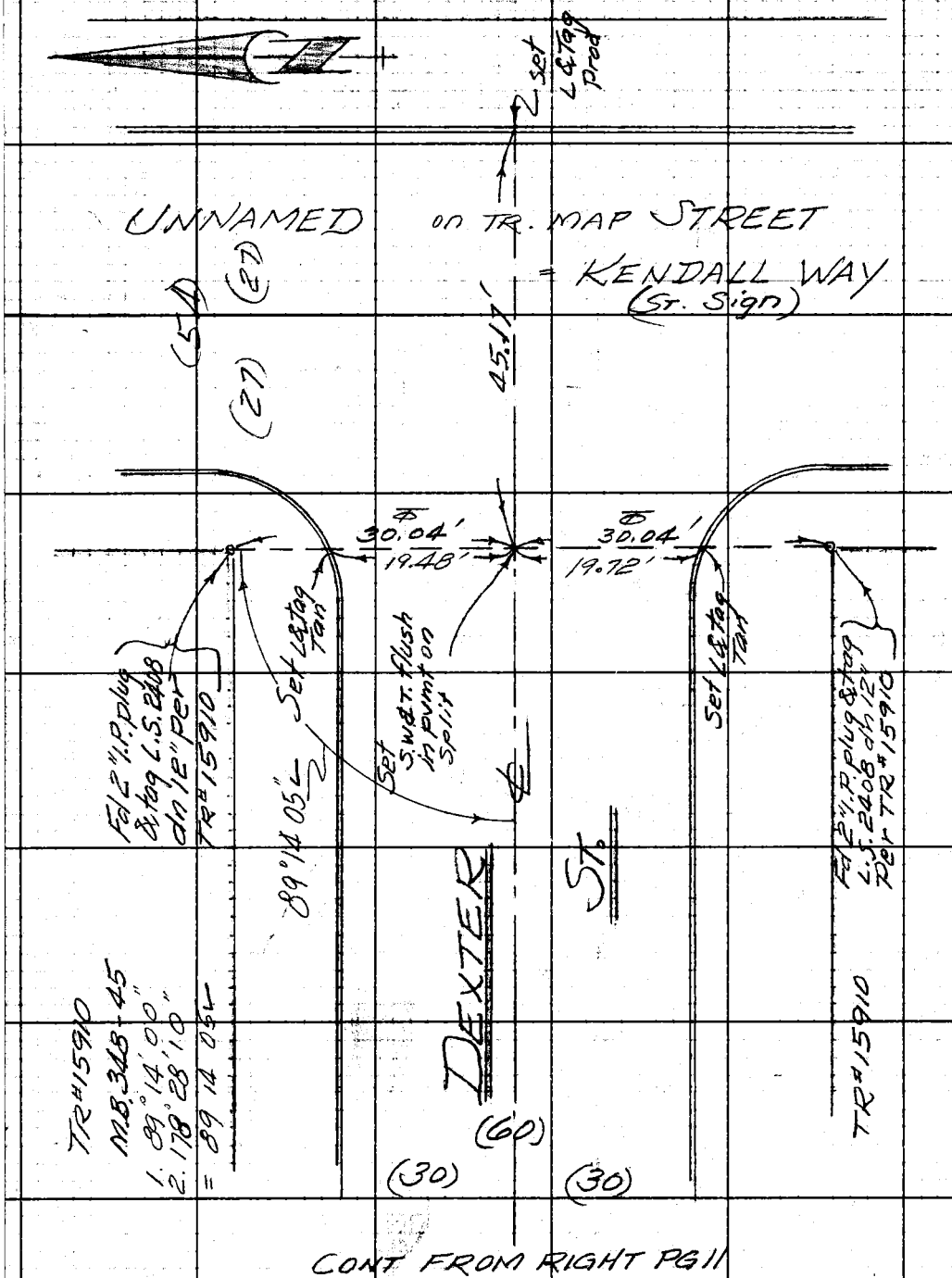
76F3099 CE #247—3-57

F.B. 2545 Pg. 12



CONT FROM RIGHT PG 11

47-D-4

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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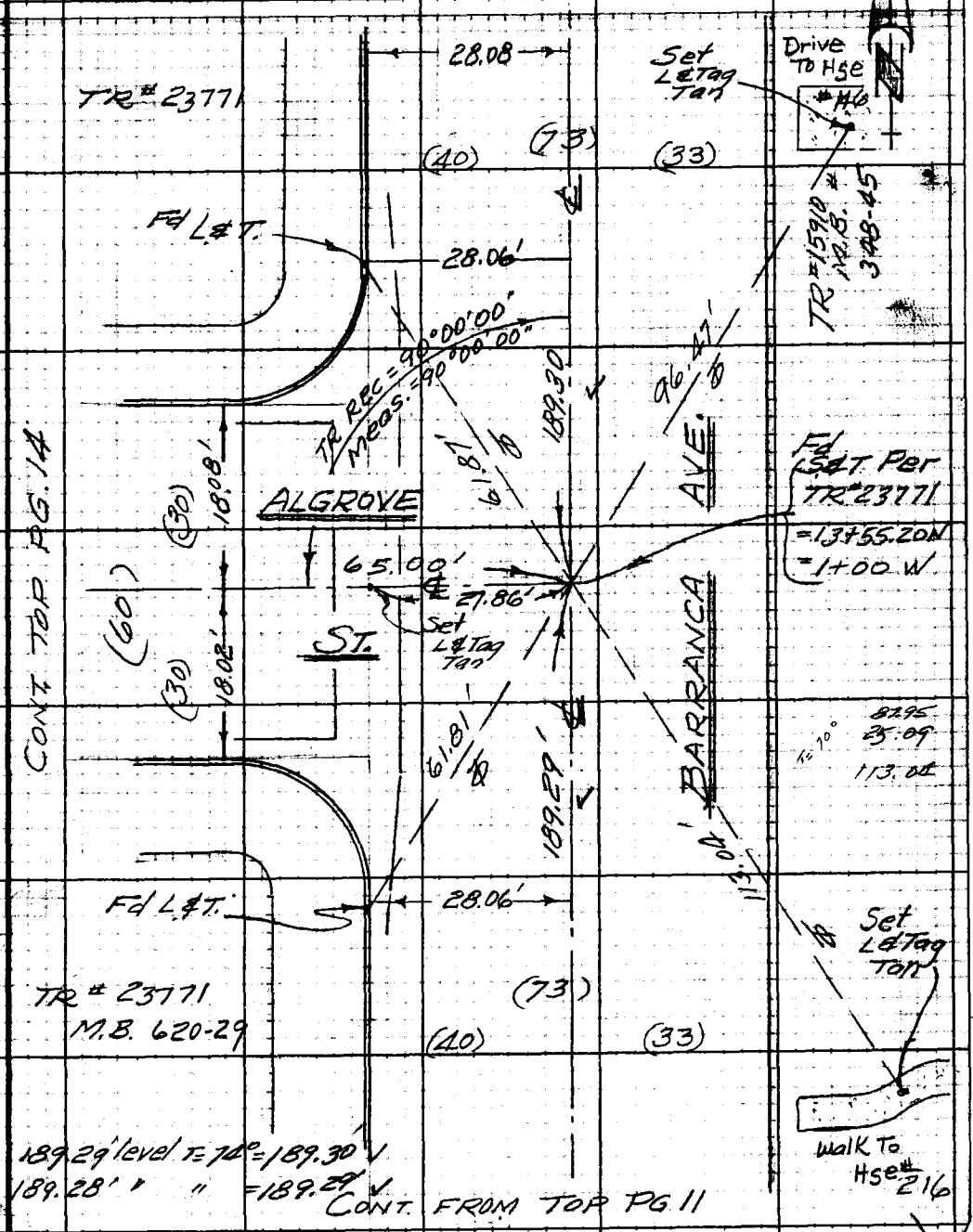
Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DR.	F. B. 2545 PG. 13
Map No.	JN 0861.05 Tape 0162 Std 68 °F	
Office Work	Surveyed by [illegible]	
Checked	Notes STOCK Date 4-27-59	
Date MAY 20 1959	Indexed A. C. Johnson	

47-D-4

CONT. ON BOT. PG. 16



CONT. FROM TOP PG 11

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

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

763098 CE #2[illegible]

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.

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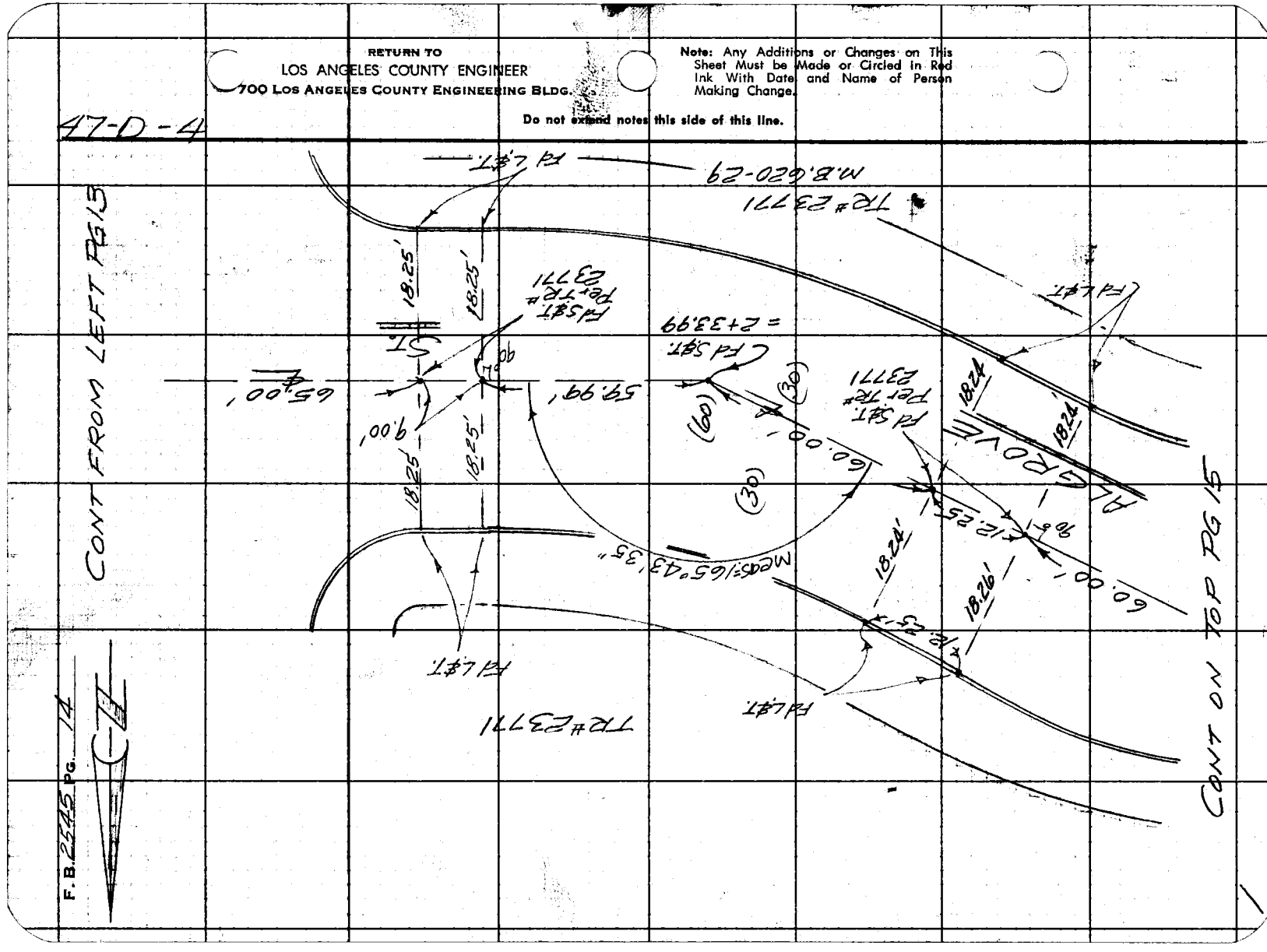
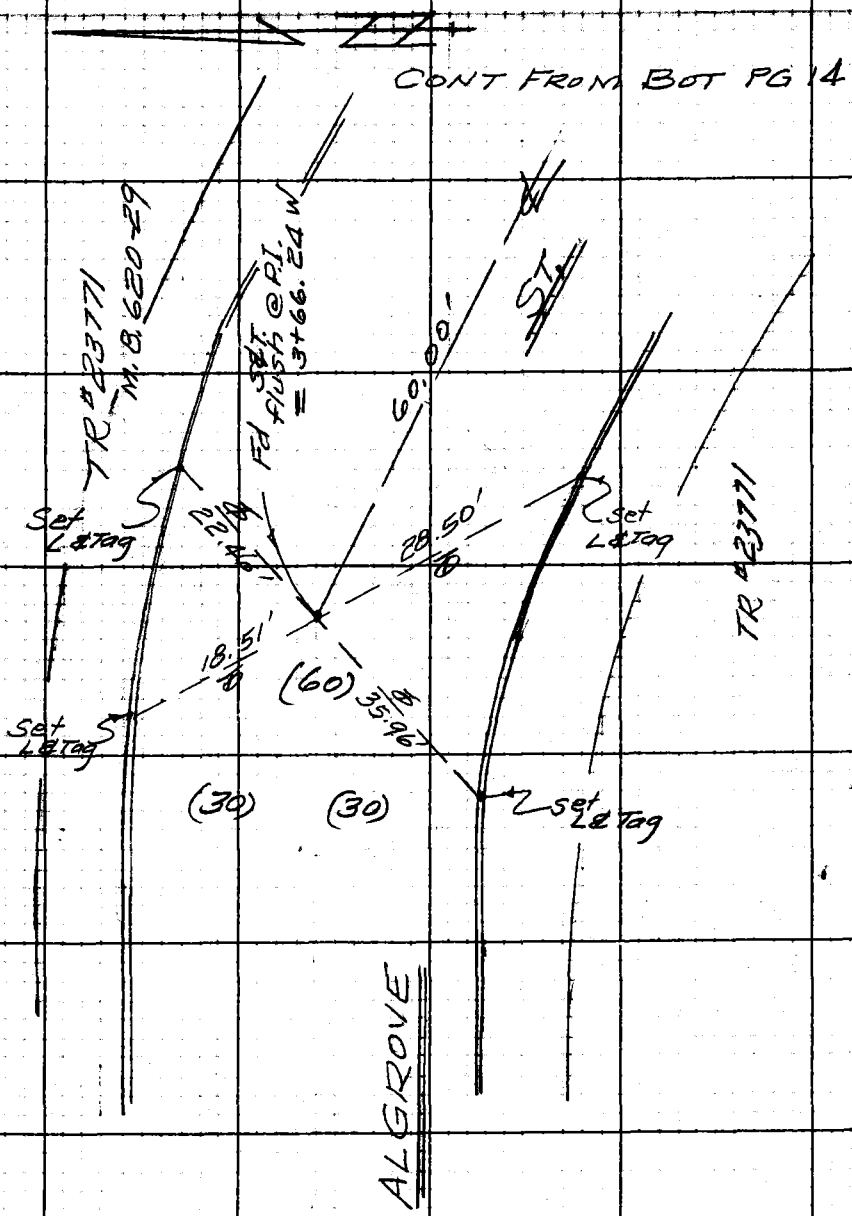
47-D-4



F.B. 2545 PG. 14

Notes Ck'd by S. H. MILLER	Survey of COVINA S. DR.
Map No.	JN 0861.05 Tape 0162 Std 68 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 4-30-59
Date MAY 20 1959	Indexed [illegible] C. Johnson

F. B 2545 PG. 15



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768098 CE #247—7-53

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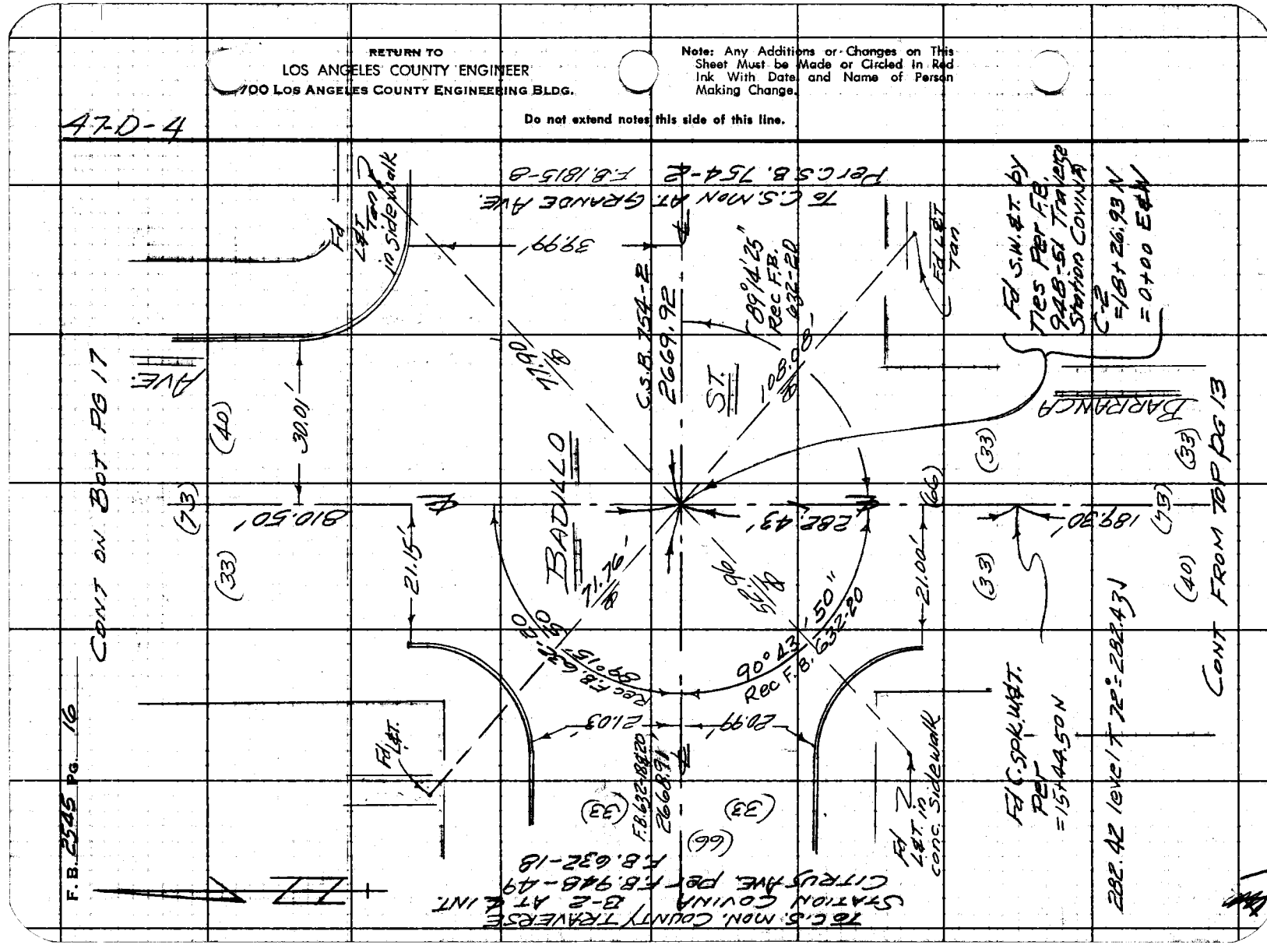
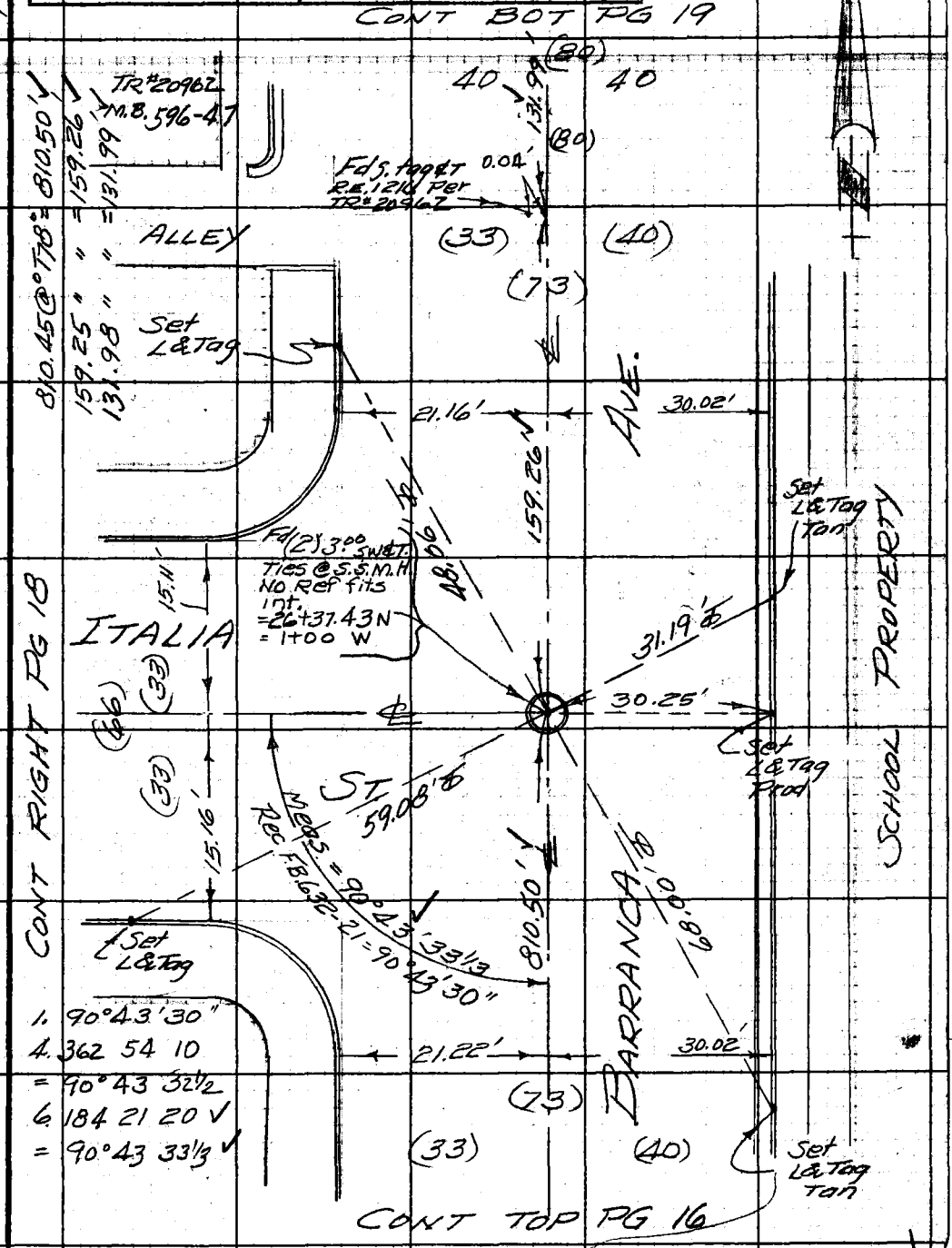
47-D-4



Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DR.
Map No.	JN 0861.05 Tape 0162 Std 68 °F
Office Work	Surveyed by N. R. STOCK
Checked	Notes STOCK Date 4-28-59
Date MAY 20 1959	Indexed C. Johnson

F. B. 2545 PG. 17

47-D-4



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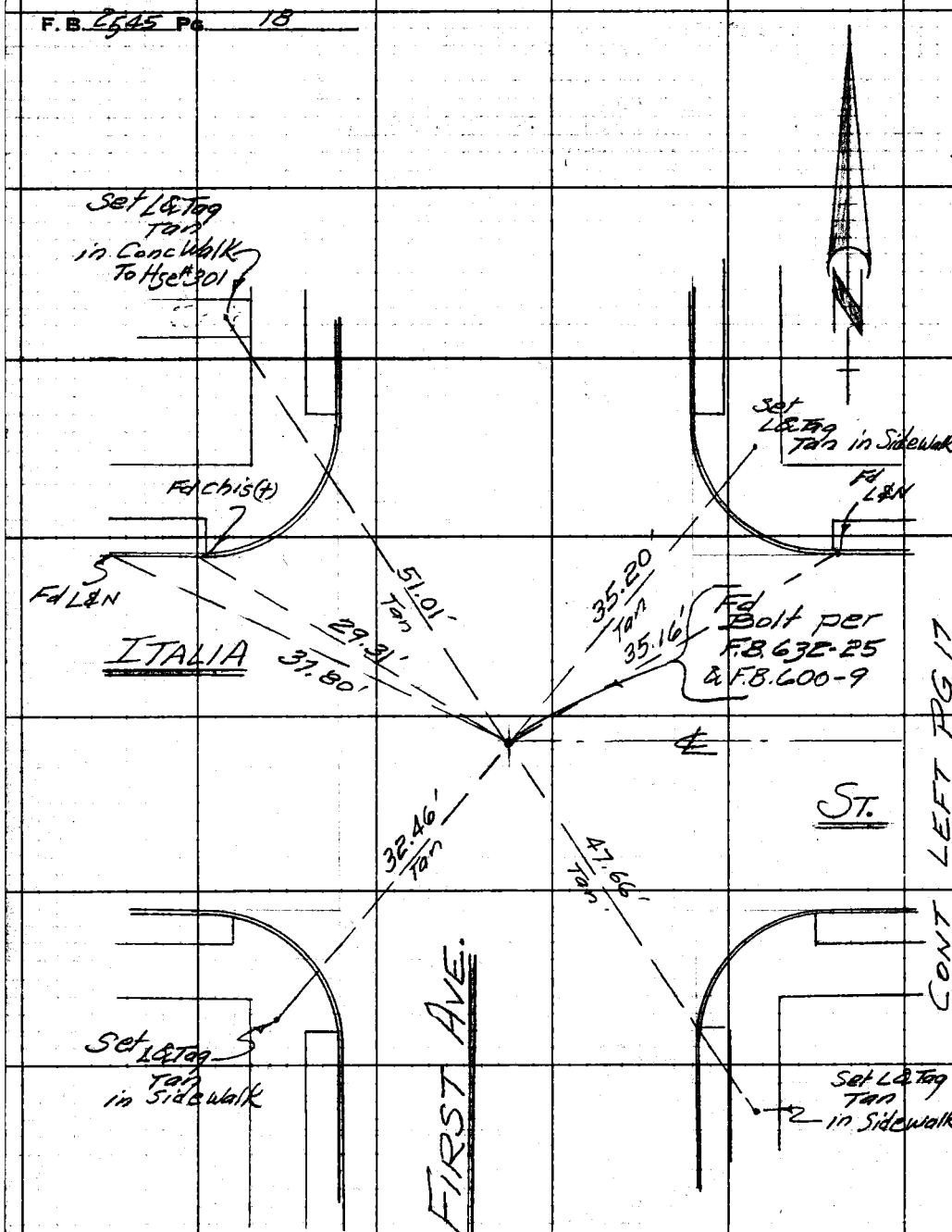
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F.B. 2545 Pg. 18



CONT LEFT PG 17

47-D-4

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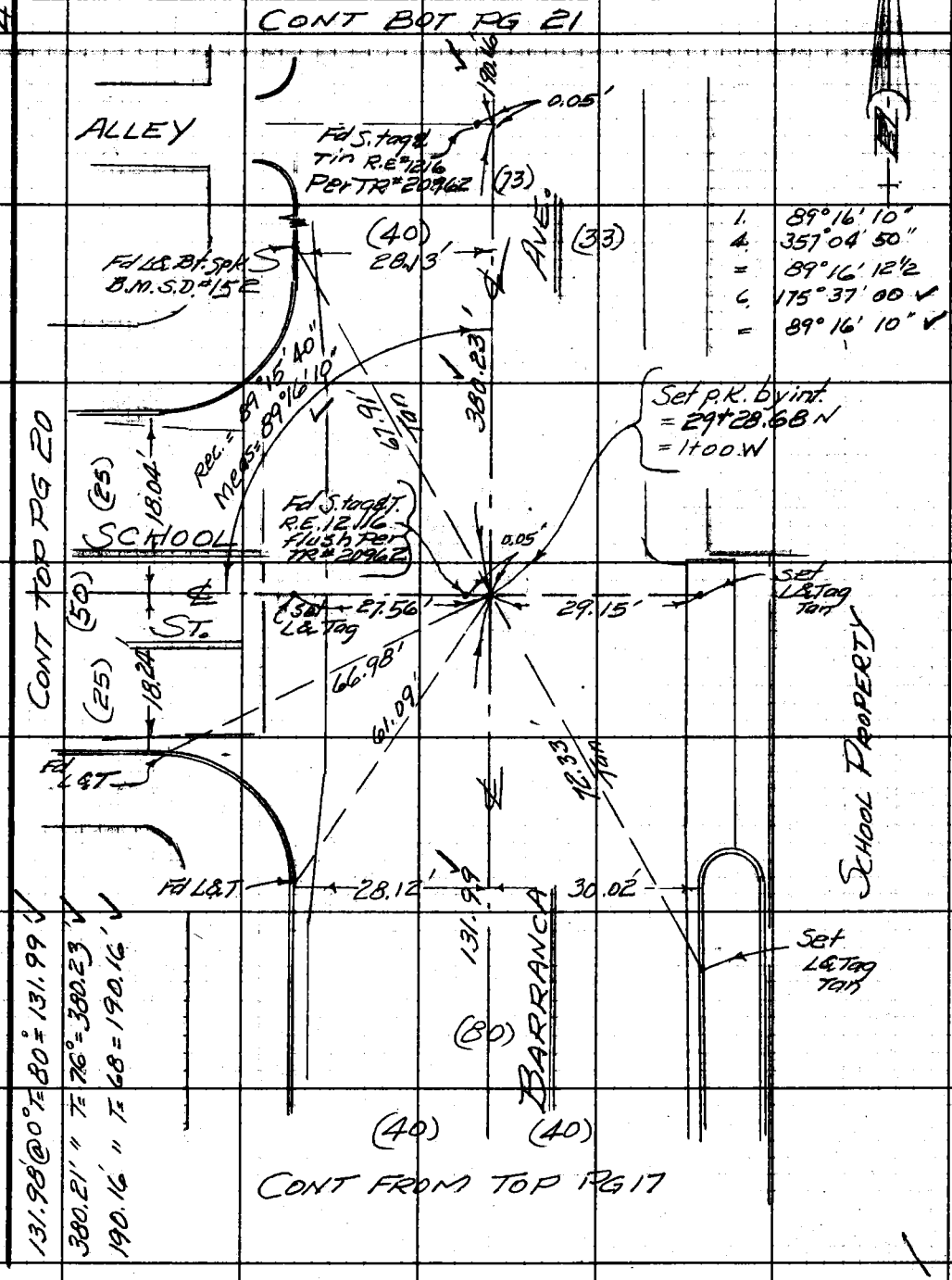
Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DR.
Map No.	JN 0861.05 Tape 0162 Std 68 °F
Office Work	Surveyed by [illegible]
Checked	Notes STOCK Date 4-28-59
Date MAY 20 1959	Indexed E. C. Johnson

F. B. 2545 PG. 19

47-D-4



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RETURN TO
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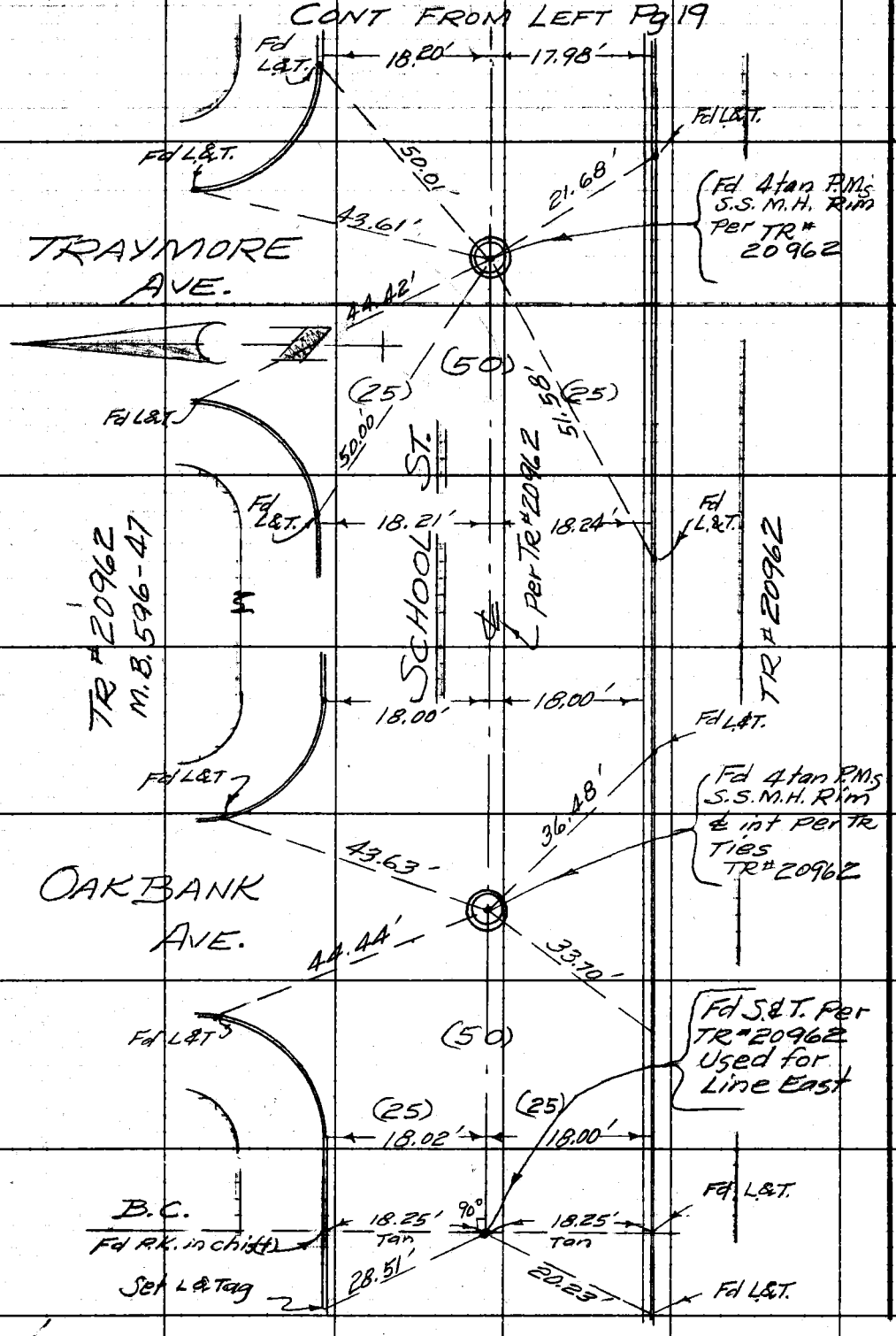
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F. B. 5345 Pg. 20

CONT FROM LEFT Pg 19



47-D-4

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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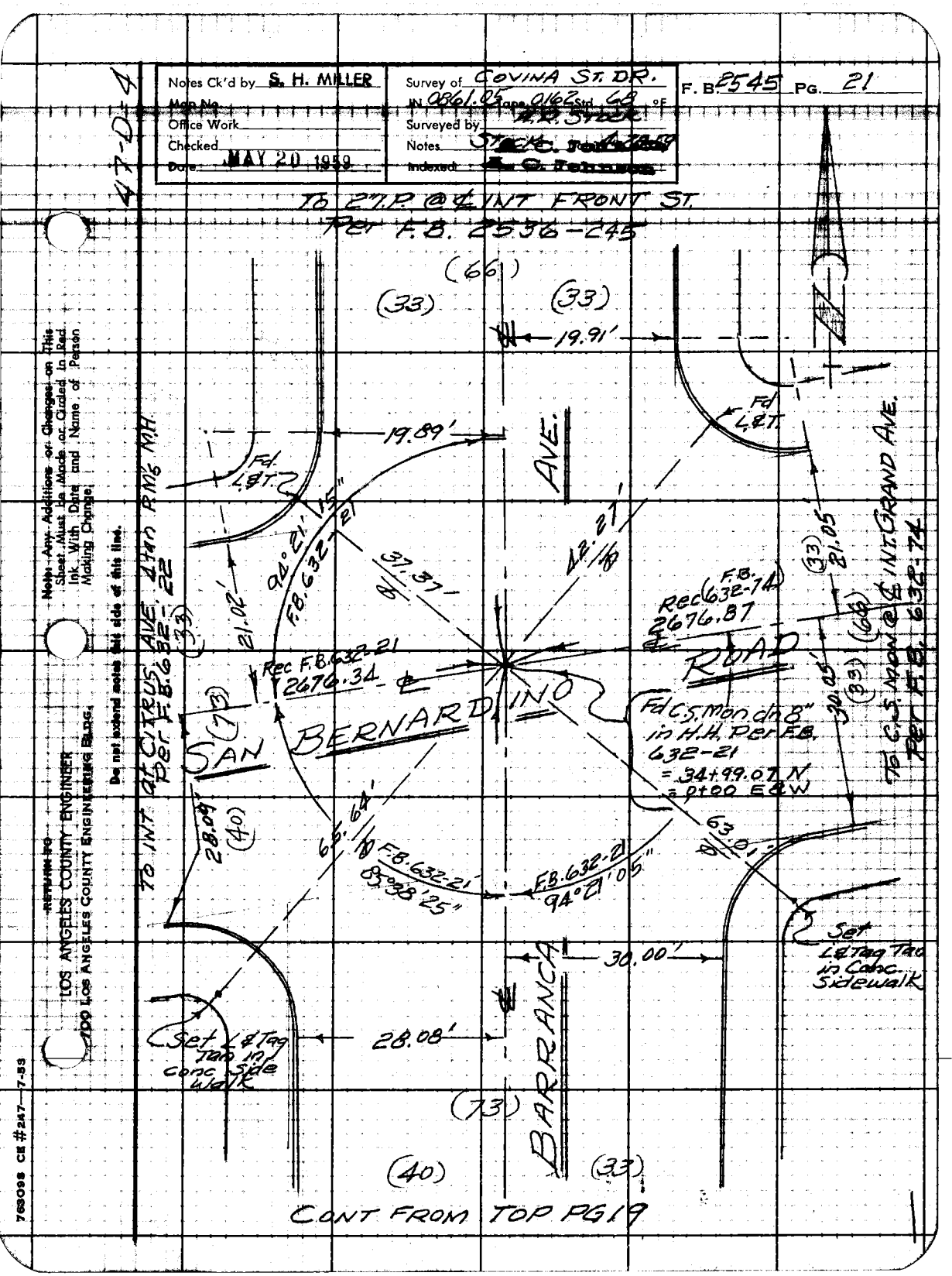
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.



Notes Ck'd by S. H. MILLER
Map No.
Office Work
Checked
Date MAY 20 1959
Survey of COVINA ST. DR.
IN 0861.05 Tape 0162 Std 68 °F
Surveyed by H.R. STOCK
Notes STOCK C. Johnson 4-28-59
Indexed C. Johnson
F. B. 2545 PG. 21
47-D-4
TO 2" I.P. @ ℄ INT FRONT ST.
PER F.B. 2536-245
(66)
(33)
(33)
19.91'
19.89'
Fd L&T.
Fd L&T.
AVE.
15"
94°21'
F.B. 632-21
37.37'
42.27'
21.02'
(33)
(33)
21.05
(66)
Rec F.B. 632-74
2676.87
Rec F.B. 632-21
2676.34
ROAD
SAN BERNARDINO
(73)
Fd C.S. Mon dn 8" in H.H. Per F.B. 632-21
= 34+99.07 N
= 0+00 E&W
30.05'
(33)
TO C.S. MON @ ℄ INT. GRAND AVE. PER F.B. 632-74
TO INT. AT CITRUS AVE. 4 tan P.M.'s M.H. PER F.B. 632-22
28.09'
(40)
65.64'
F.B. 632-21
85°38'25"
F.B. 632-21
94°21'05"
63.01'
Set L&Tag Tac in Conc. Sidewalk
30.00'
BARRANCA
Set L&Tag Tac in conc. Side walk
28.08'
(73)
(40)
(33)
CONT FROM TOP PG 19
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
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763098 CE #247—7-53

Notes Ck'd by H. MILLER	Survey of COVINA STORM DR	F. B. 2545 Pg. 33
Map No.	JN 0861.05 Tape 0162 Std. 68 °F	
Office Work	Surveyed by [illegible]	
Checked	Notes MOODY Date 5-6-59	
Date MAY 20 1959	Indexed C. Johnson 5-18-59	

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76F3098 CE #247—8-57

COVINA STORM DRAIN

LINE "B"

BARRANCA AVE FROM CHARTER OAK CREEK NORTH TO SAN BERNARDINO ROAD

PROJECT # 423

J.N. 0861.05

PARTY
STOCK
MOODY
LYBRAND
VALDEZ
BICKSLER

X

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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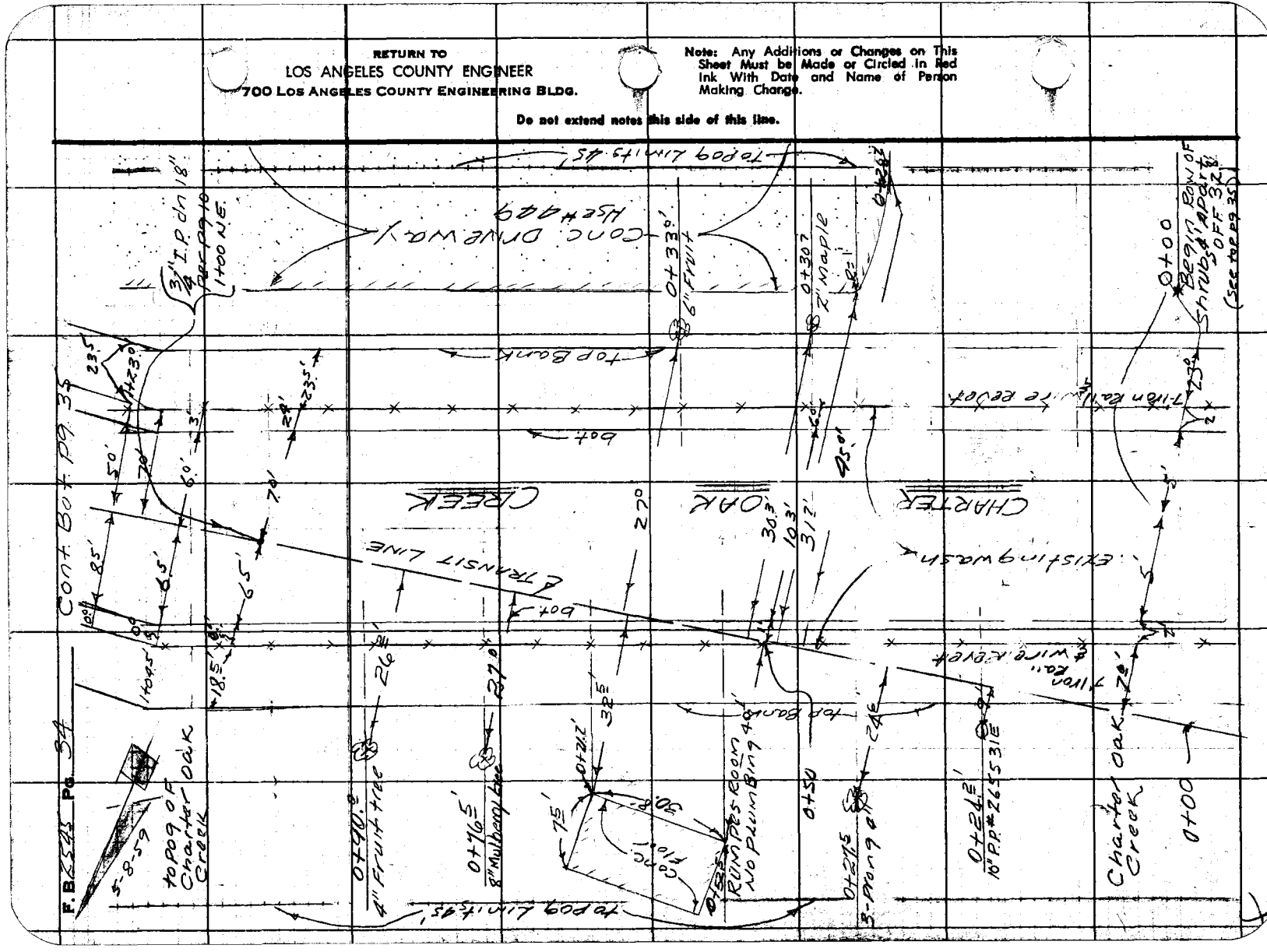
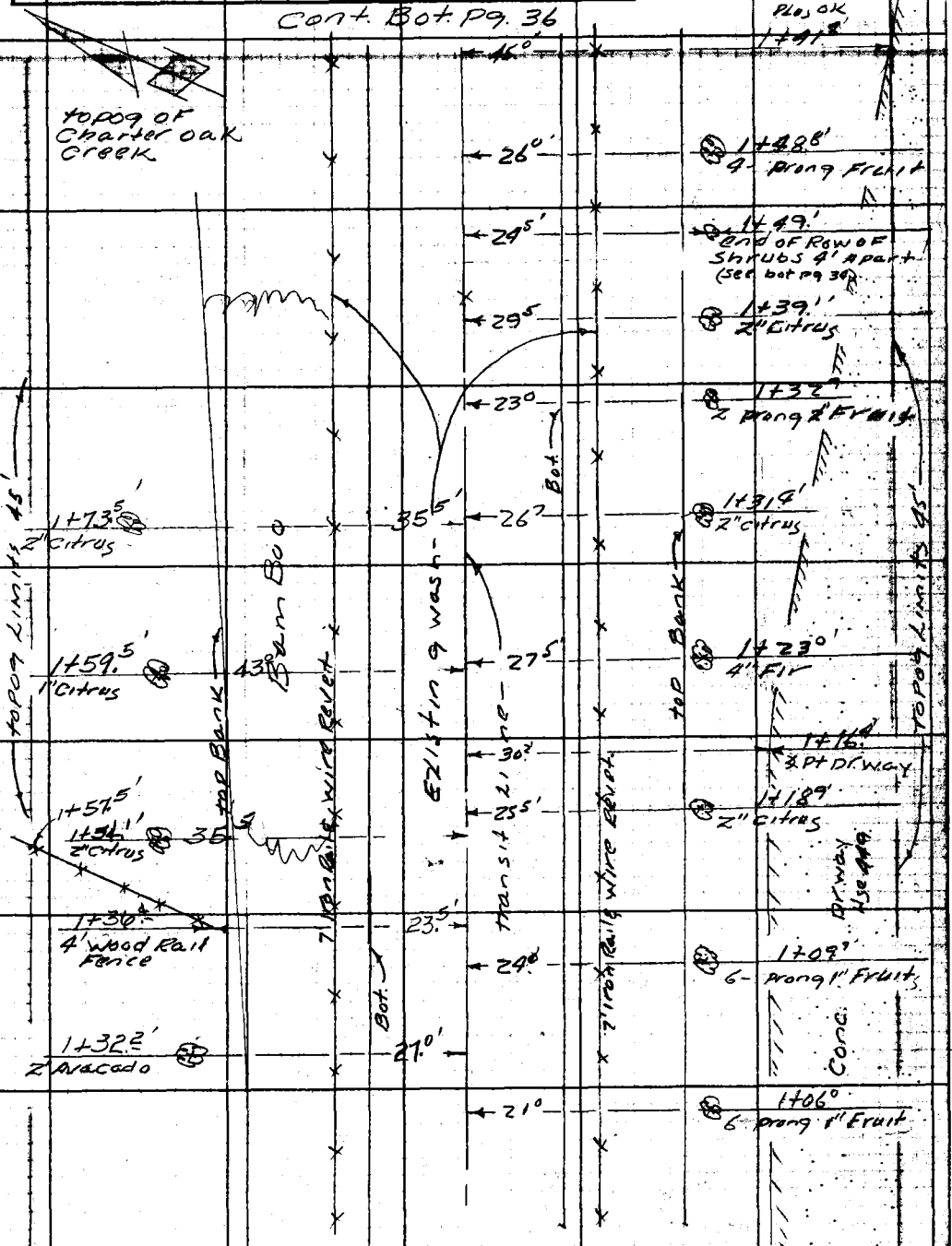


Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DRAIN
Map No.	JN 086105 Tape 0162 Std 68 °F
Office Work	Surveyed by [illegible]
Checked	Notes MOODY Date 5-8-59
Date MAY 20 1959	Indexed C. Johnson

F. B. 2545 Pg. 35

Cont. Bot. Pg. 36



Cont. From top Pg 34

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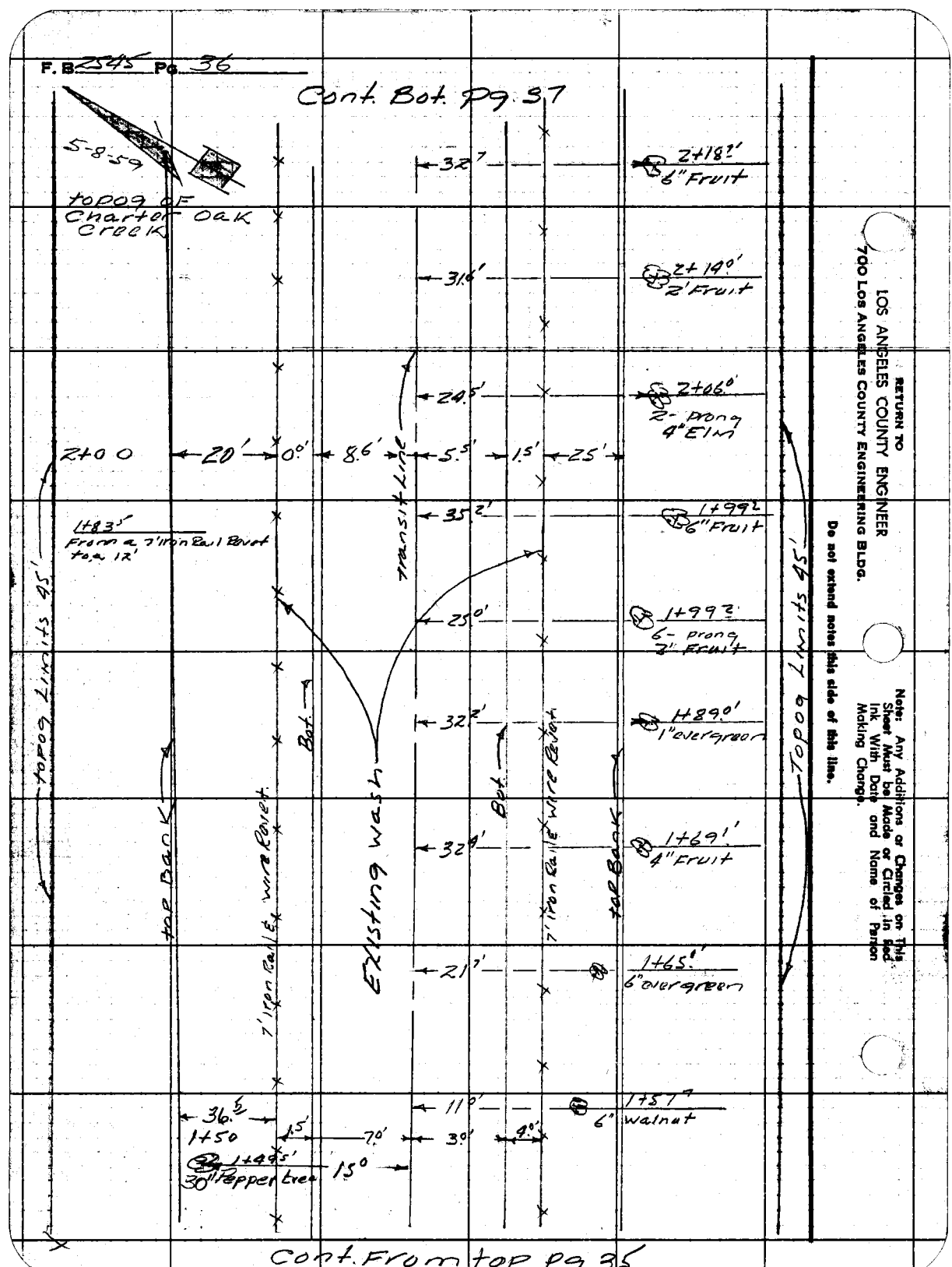
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F. B. 2545 Pg. 36

Cont. Bot. Pg. 37



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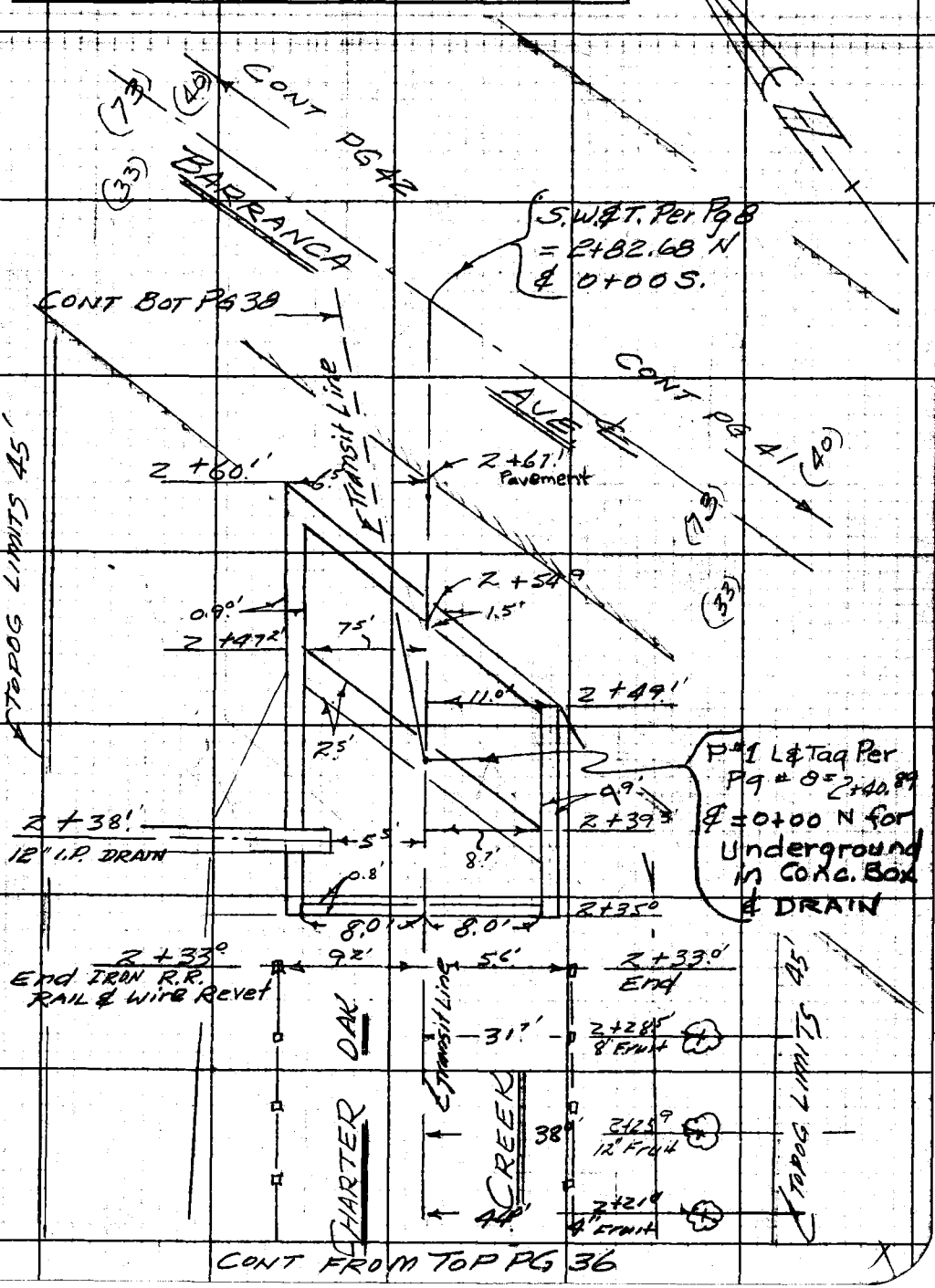
Cont. From top Pg. 35

Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DRAIN
Map No.	IN 0861.05 Tape 0162 Std 68 °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes STOCK Date 5-8-59
Date MAY 20 1959	Indexed A. C. Johnson

F. B. 2545 Pg. 37



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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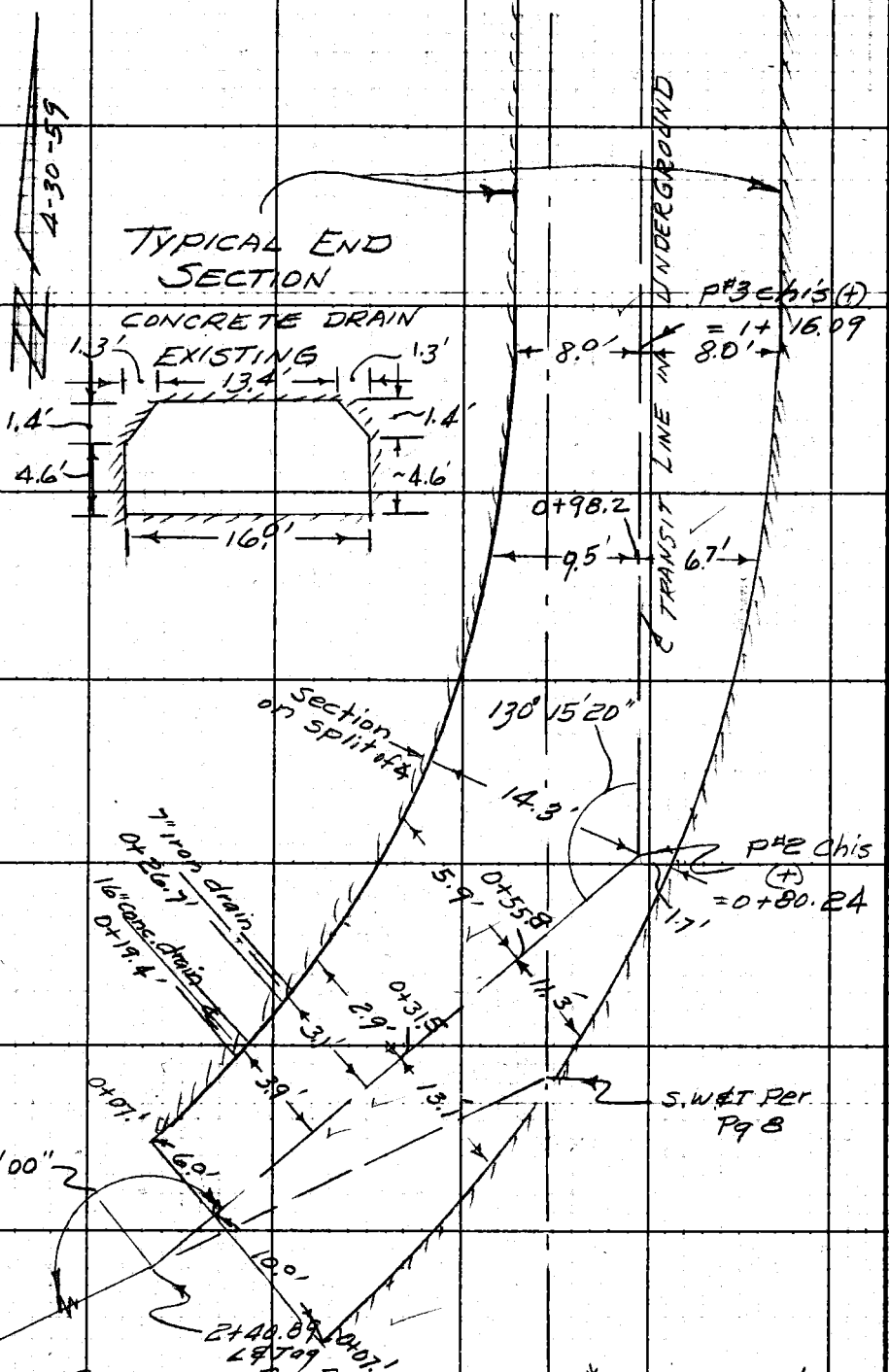
1100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F. B. 2545 PG. 38

CONT BOT PG 39.



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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 S. H. MILLER	Survey of BADILLO AVE. S.D.	F. B. 2545 PG. 39
Map No.	IN 6251.90 Tape 0162 Std GB °F	
Office Work	Surveyed by W.E. Stock	
Checked	Notes STOCK Date 5-7-59	
Date MAY 20 1959	Indexed C. Johnson	

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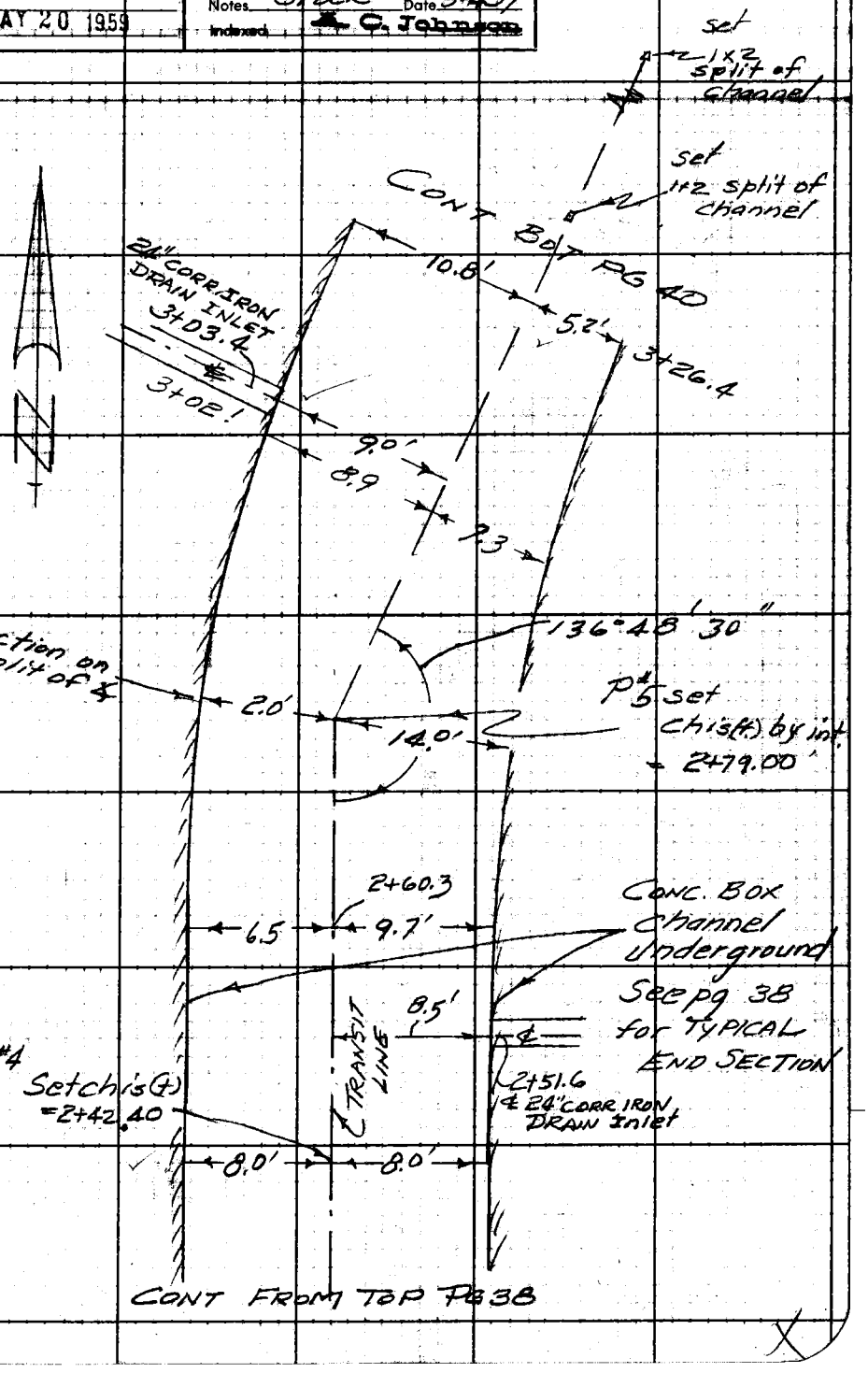
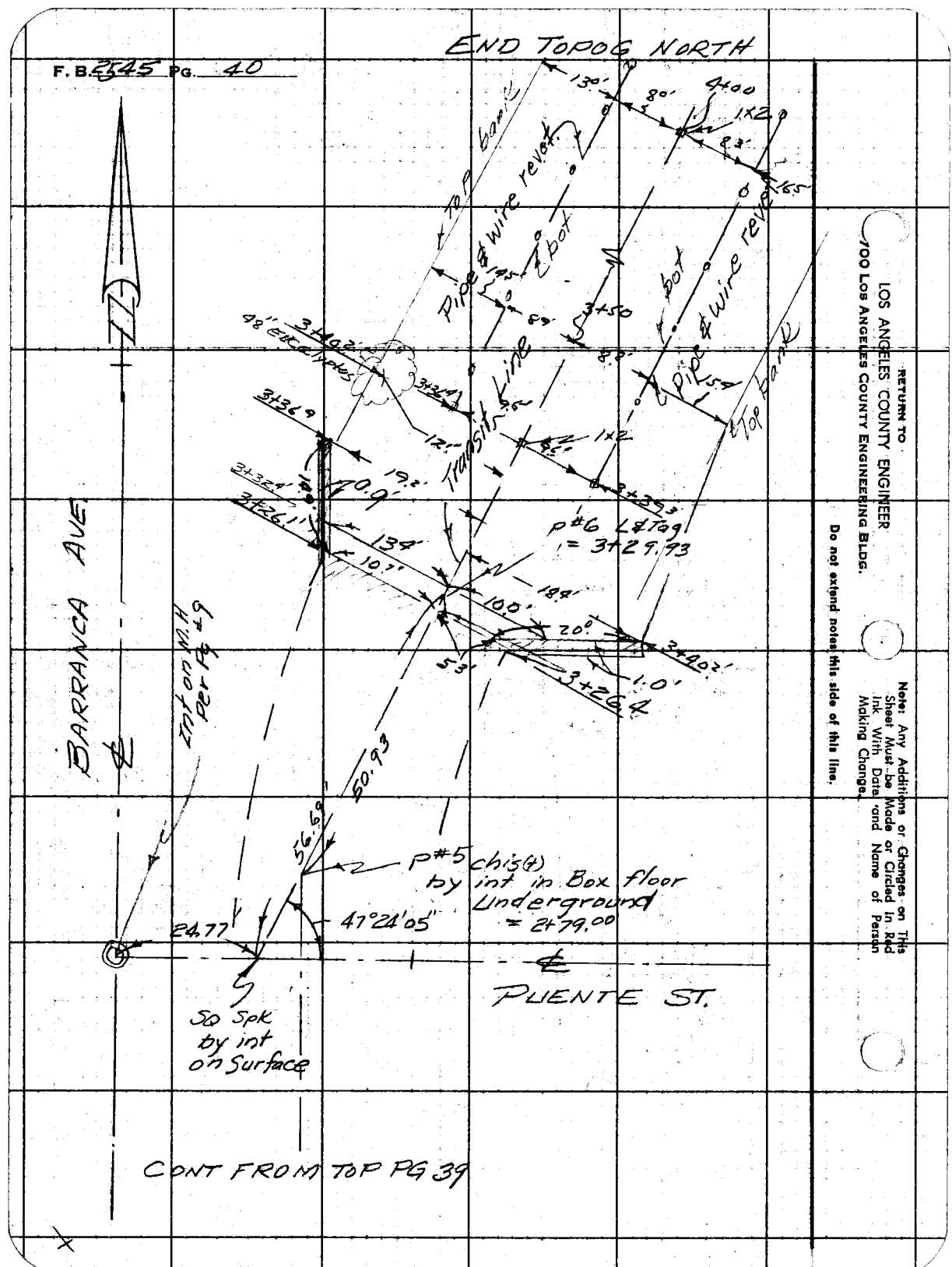
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53



F. B. 2545 PG. 40



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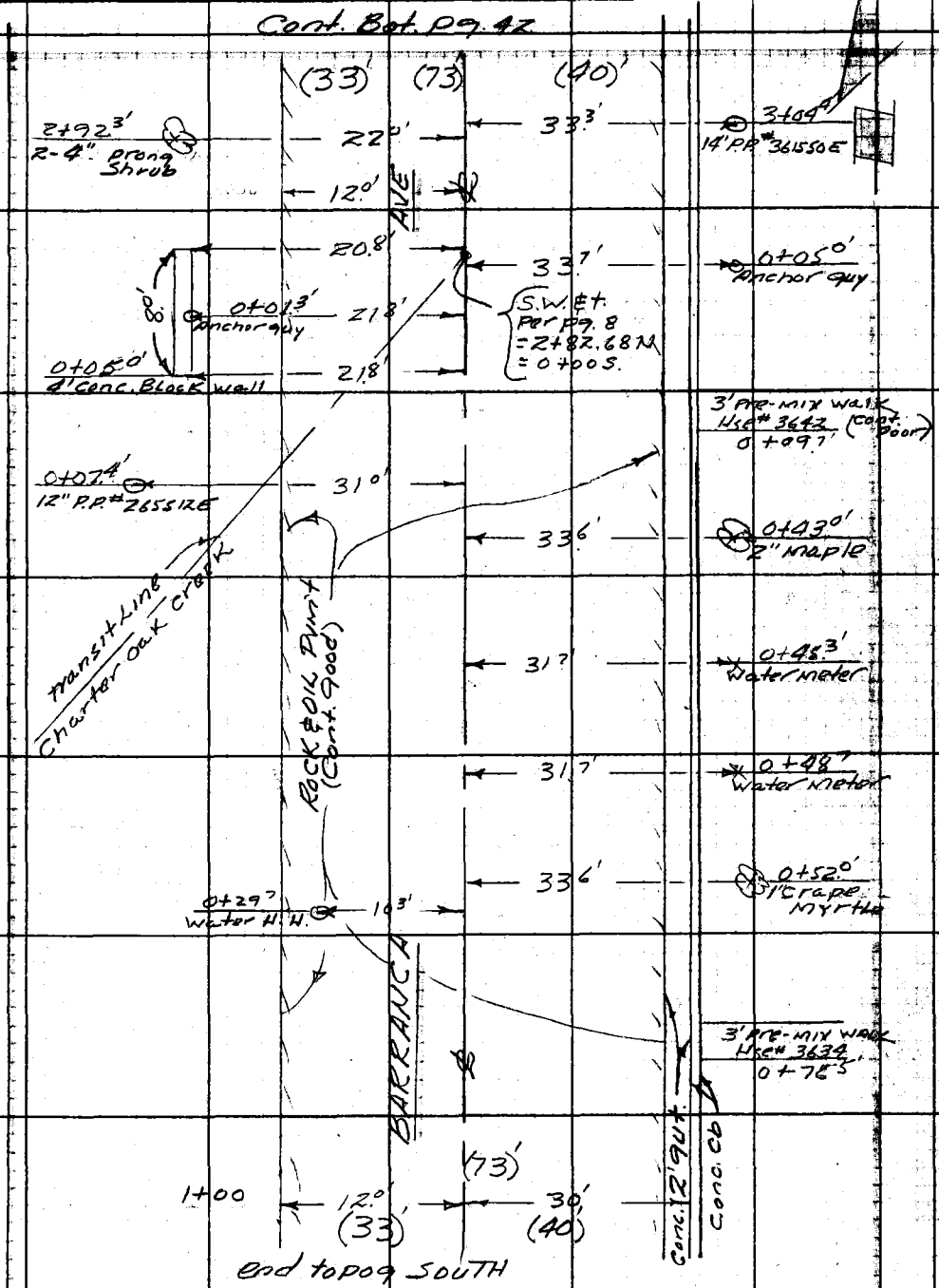
Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DRAIN	F. B. 2545 PG. 41
Map No.	JN 0861.05 Tape 0162 Std 68 °F	
Office Work	Surveyed by STOCK	
Checked	Notes MOODY Date 5-6-59	
Date MAY 20 1959	Indexed K. C. Johnson	



Cont From top Pg. 37

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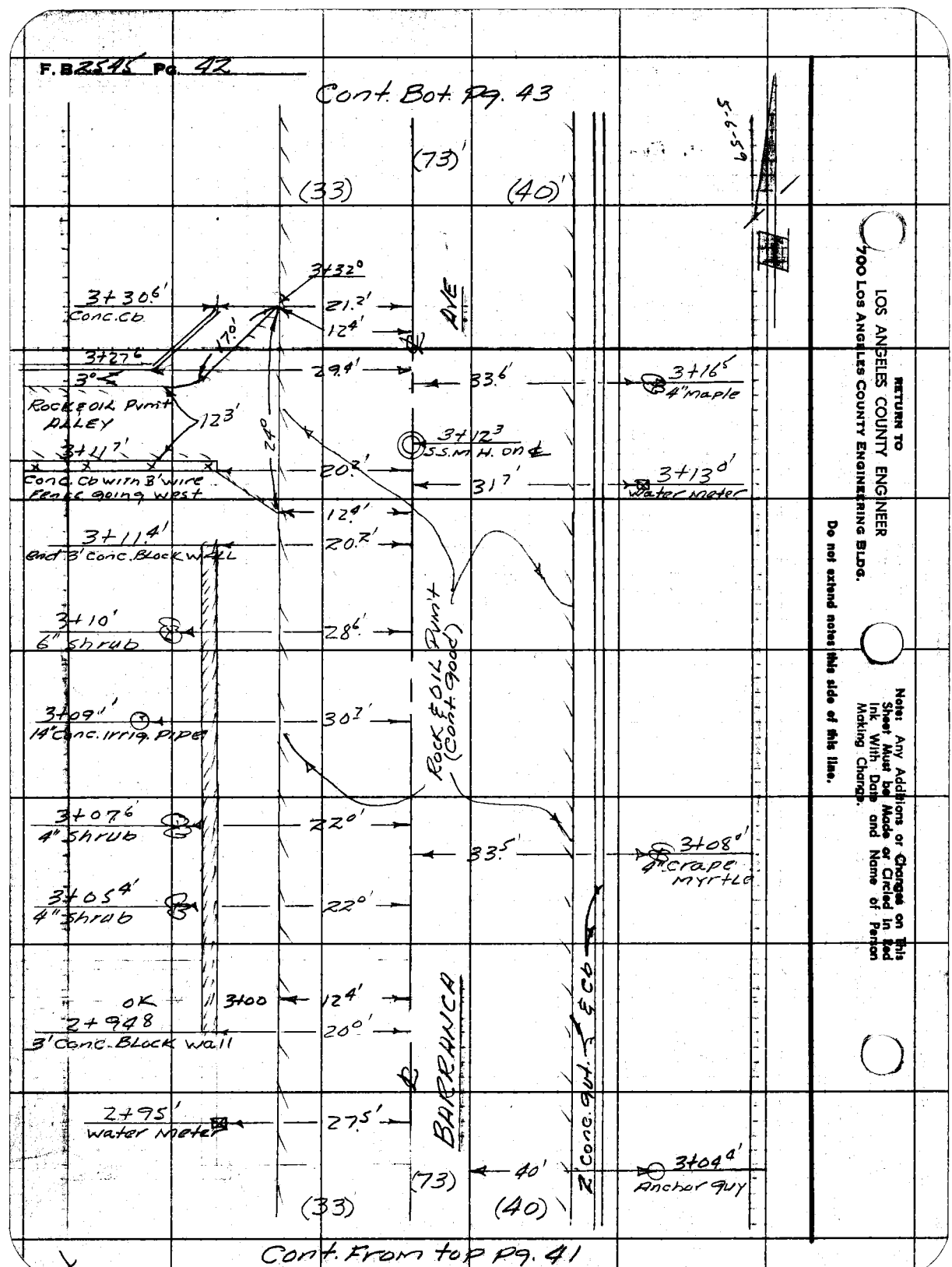
76F3098 CE #247—3-57

F. B 2545 Pg. 42

Cont. Bot. Pg. 43



Cont. From top Pg. 41

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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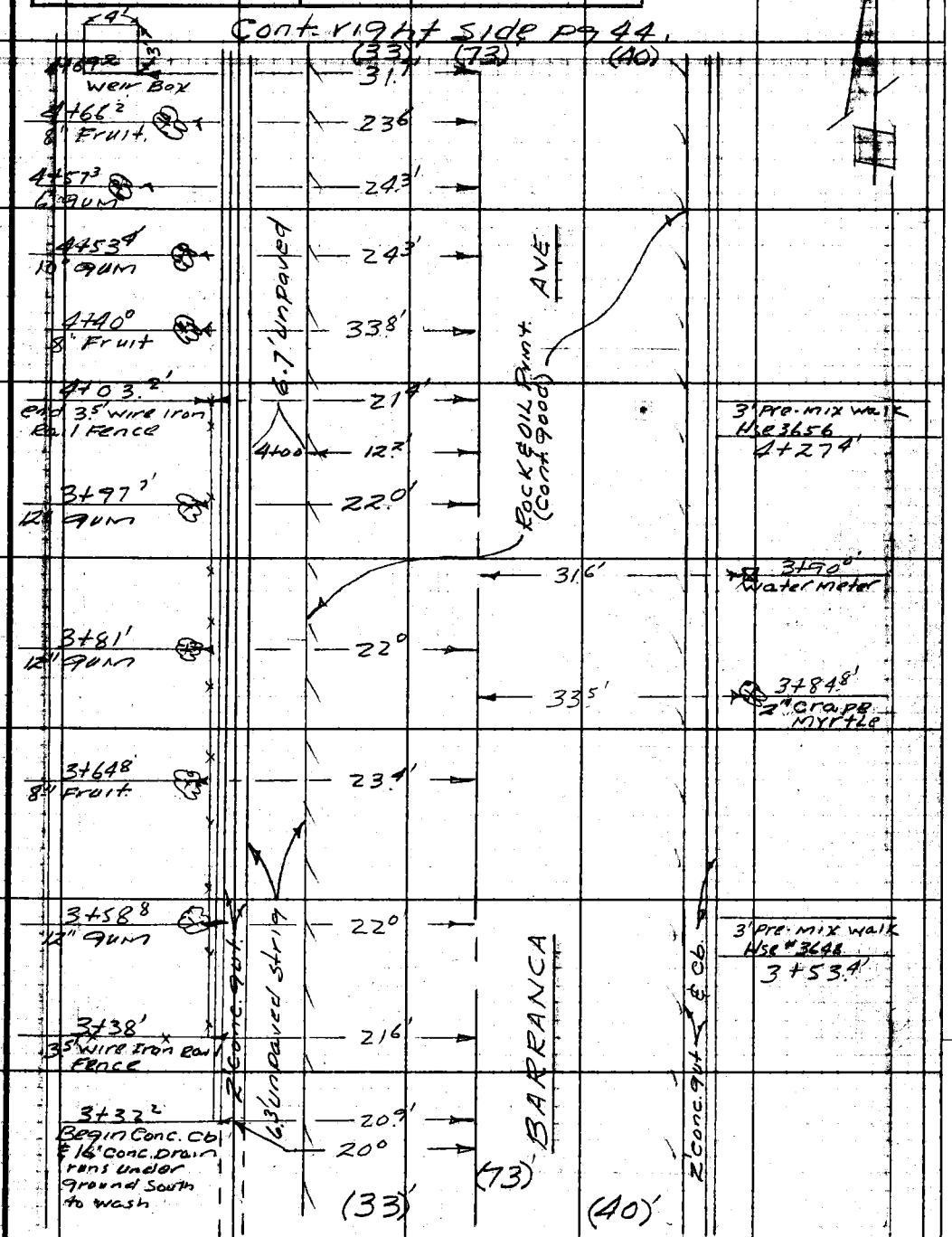
Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DRAIN
Map No.	JN 0861.05 Tape 0162 Std 68 °F
Office Work	Surveyed by [illegible]
Checked	Notes MOODY Date 5-6-59
Date MAY 20 1959	Indexed C. Johnson

F. B 2545 Pg. 43



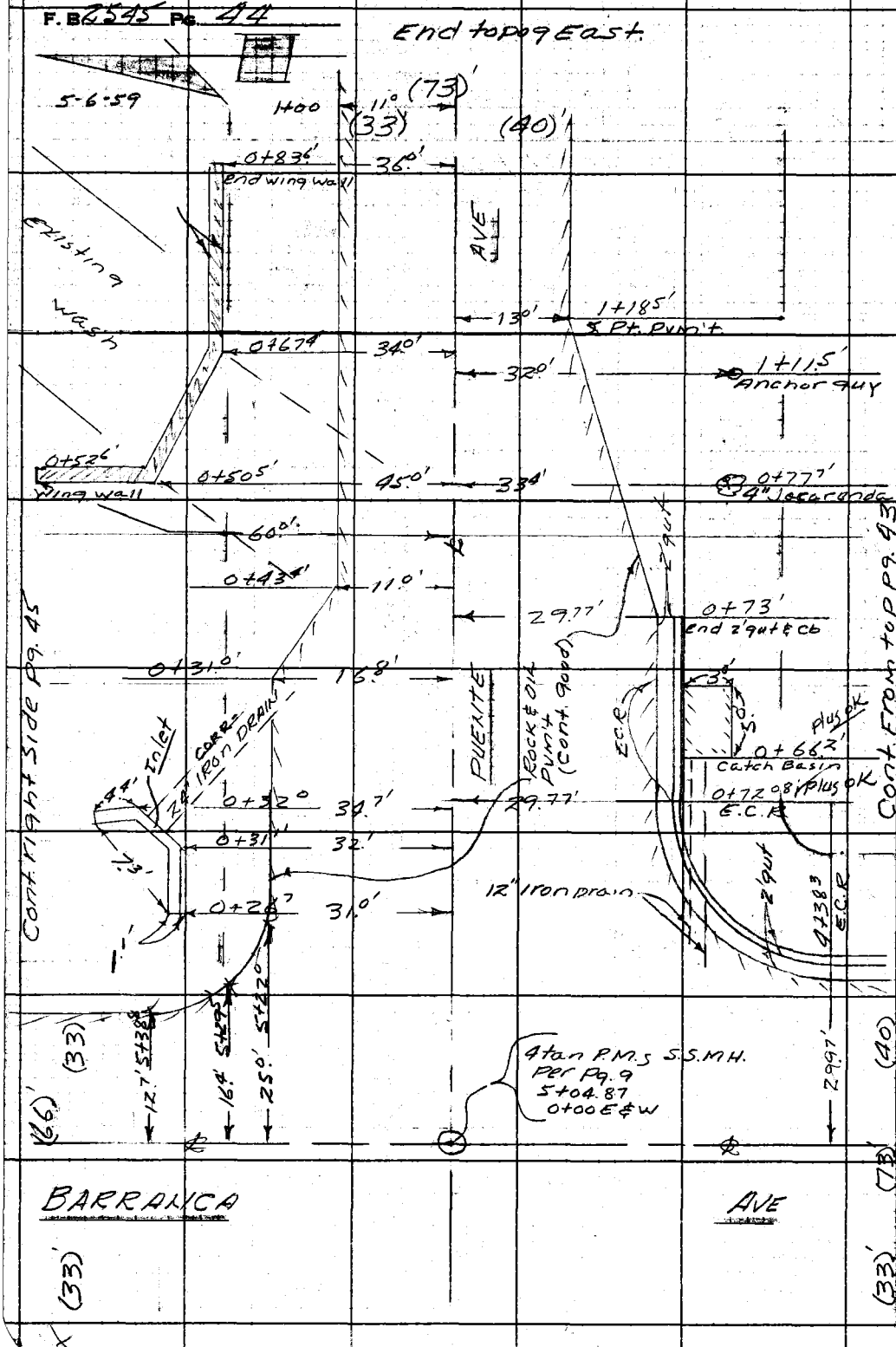
Cont. From top Pg. 42

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

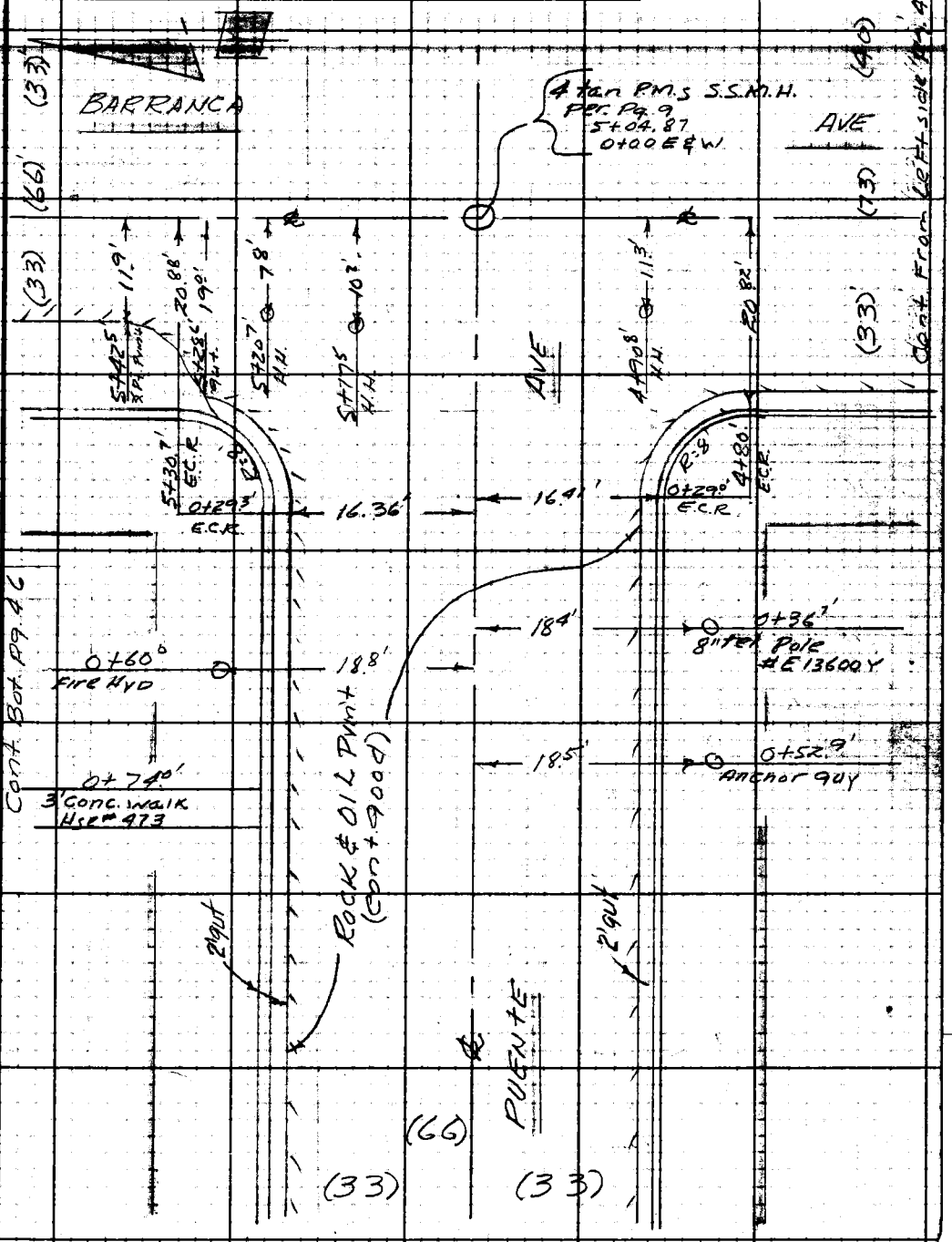


RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 S. H. MILLER	Survey of Covina Storm Dr.	F. B 2545 Pg. 45
Map No.	JN 0861.05 Tape 0162 Std 68 °F	
Office Work	Surveyed By Stock	
Checked	Notes Moody Date 5-6-59	
Date MAY 20 1959	Indexed A. 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.

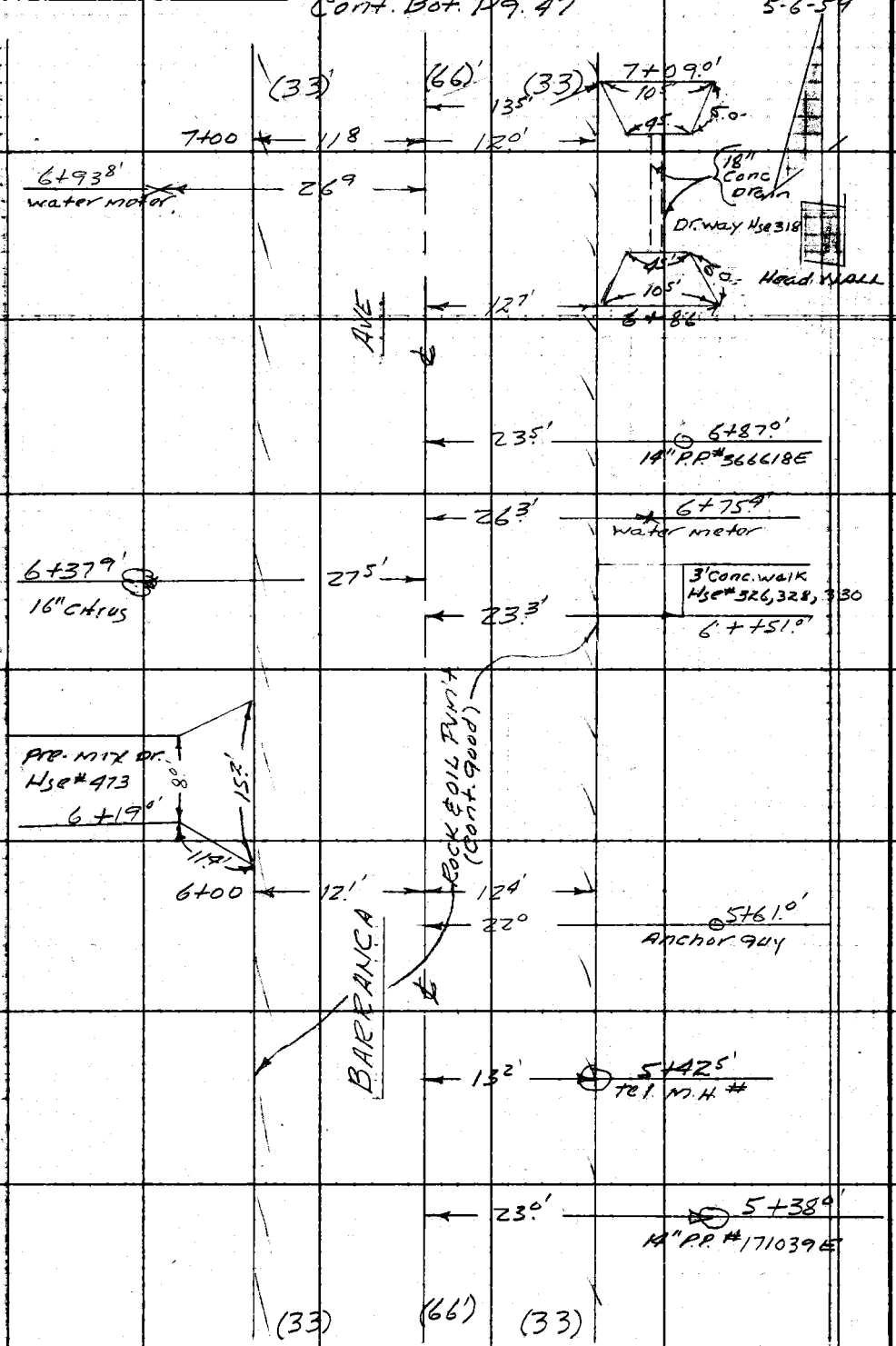
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

763098 CE #247—7-58

F. B. 2545 PG. 46

Cont. Bot. Pg. 47

5-6-59



Cont. From Left Side Pg 45

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

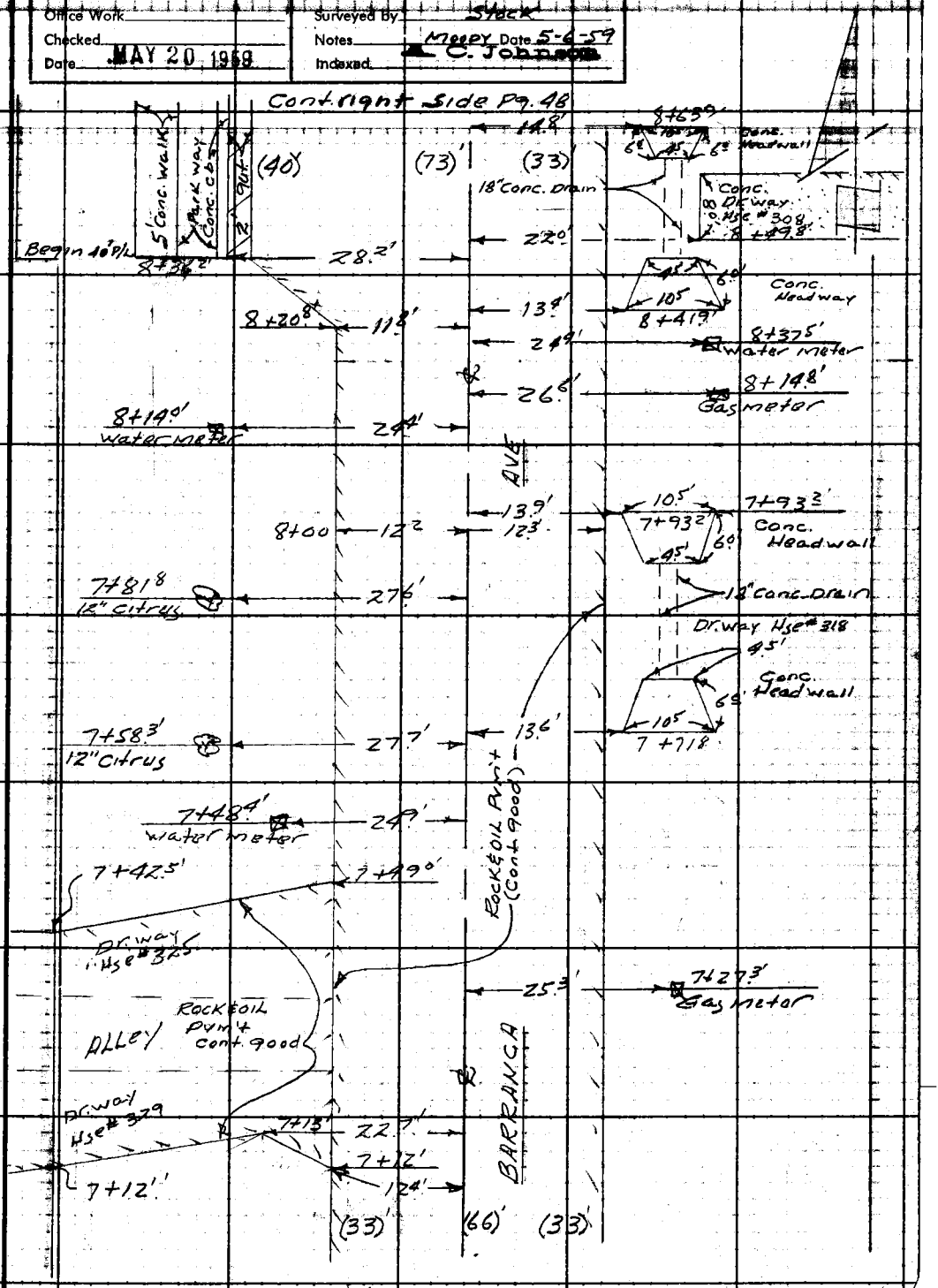
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

Notes Ck'd by S. H. MILLER
Map No.
Office Work
Checked
Date MAY 20 1958

Survey of COVINA STORM DRAIN
JN 086105 Tape 0162 Std. 68 °F
Surveyed by Stuck
Notes Meepy Date 5-6-59
Indexed C. Johnson

F. B. 7545 Pg. 47



Cont. From top Pg. 46

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

Do not extend notes this side of this line.

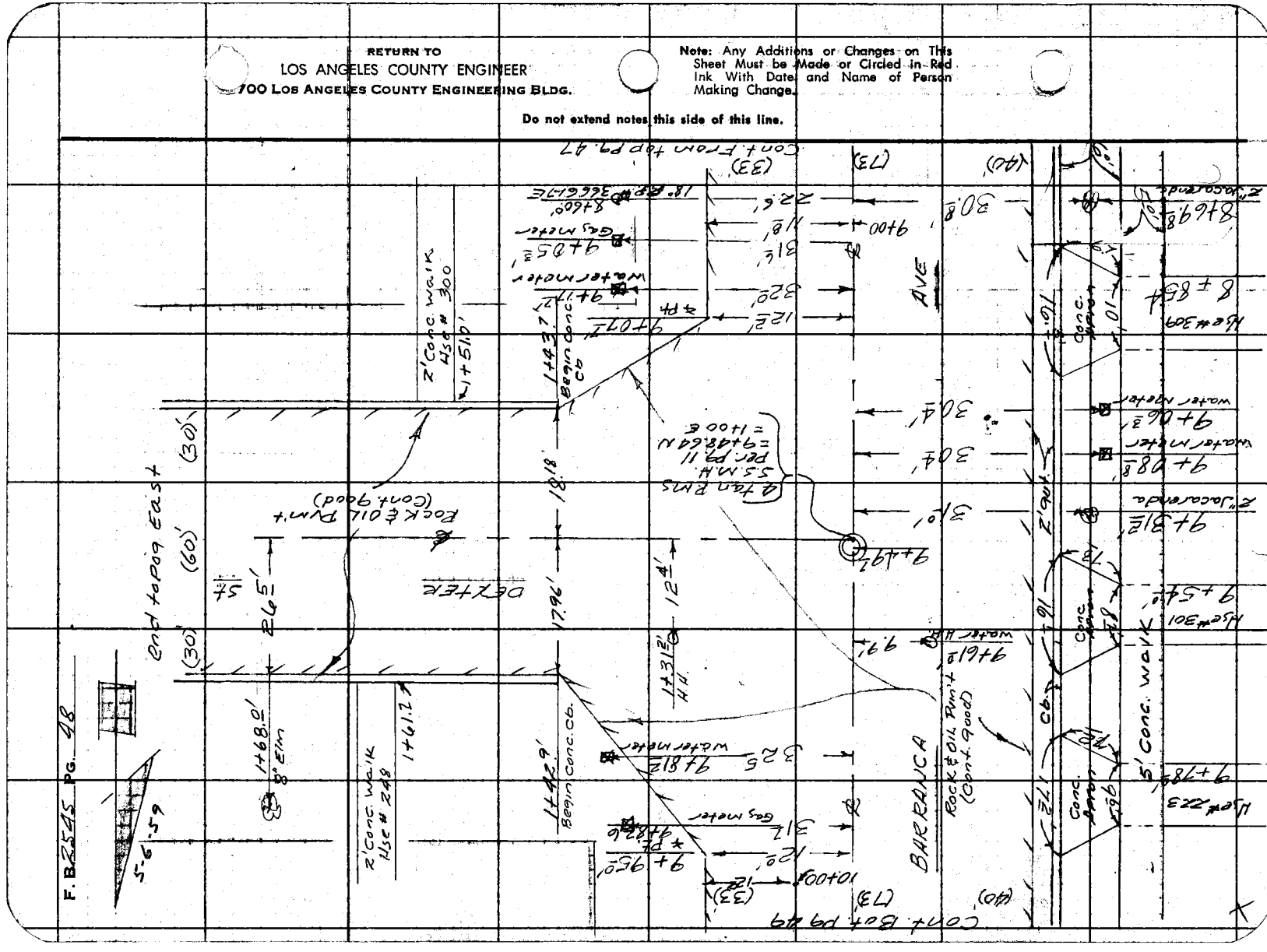
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

763098 CE #247—7-53

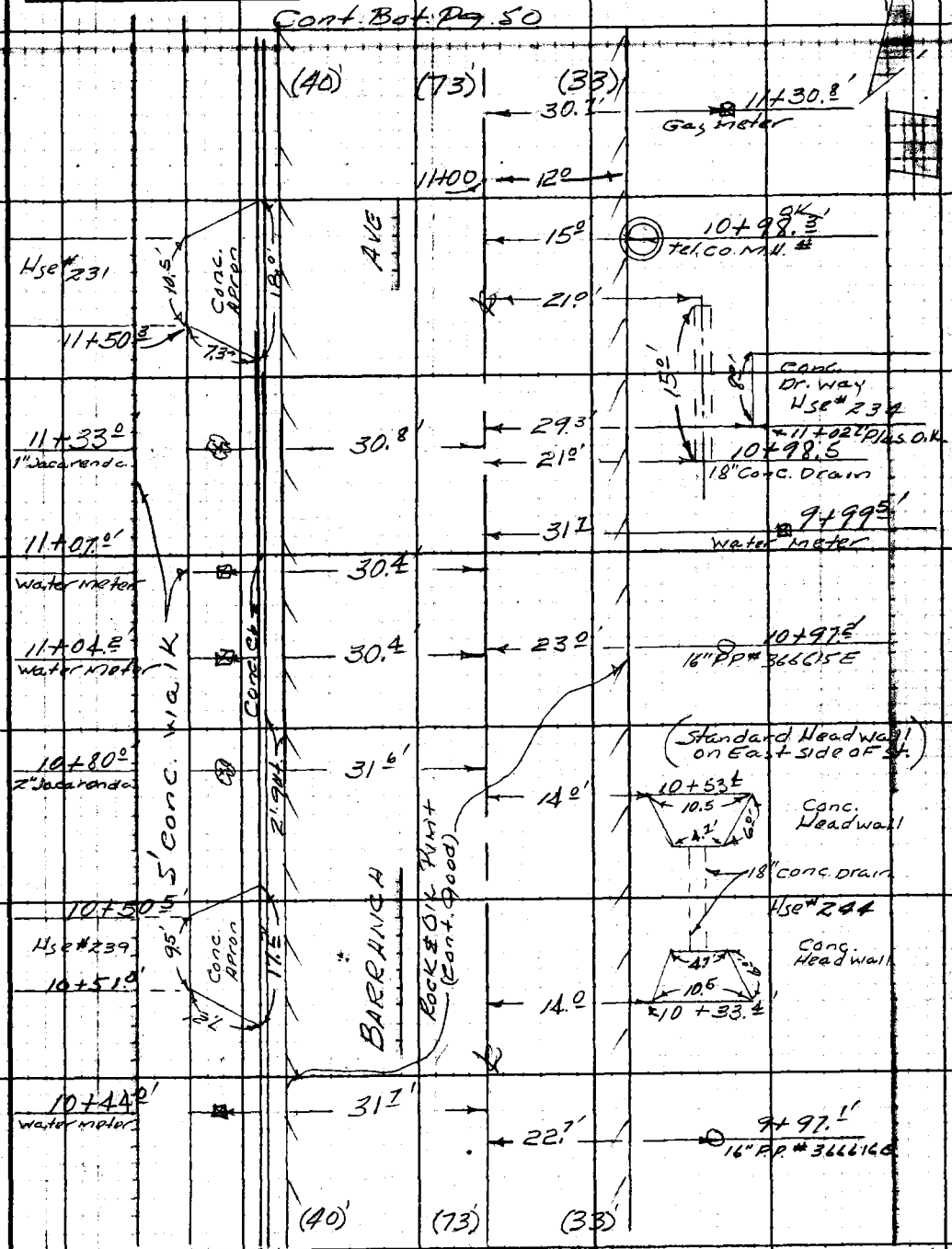
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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.



Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DRAIN	F. B 2545 PG. 49
Map No.	IN 086105 Tape 0162 Std 68 °F	
Office Work	Surveyed by STOCK	
Checked	Notes MOODY Date 5-6-59	
Date MAY 20 1959	Indexed A. C. Johnson	



Cont. From Left side Pg 48

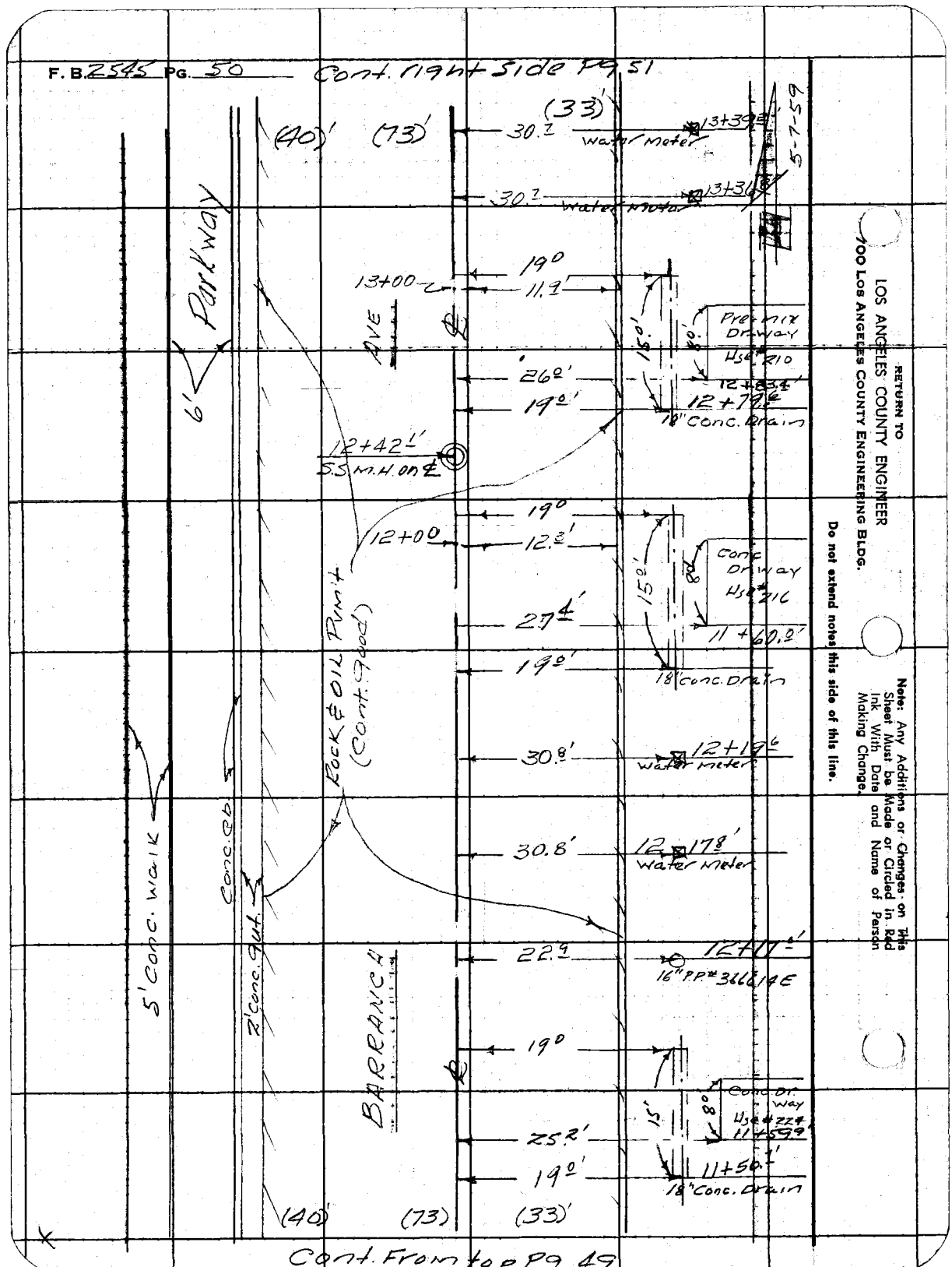
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76309S CE #247—7-53

F. B. 2545 PG. 50 Cont. right side Pg. 51



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

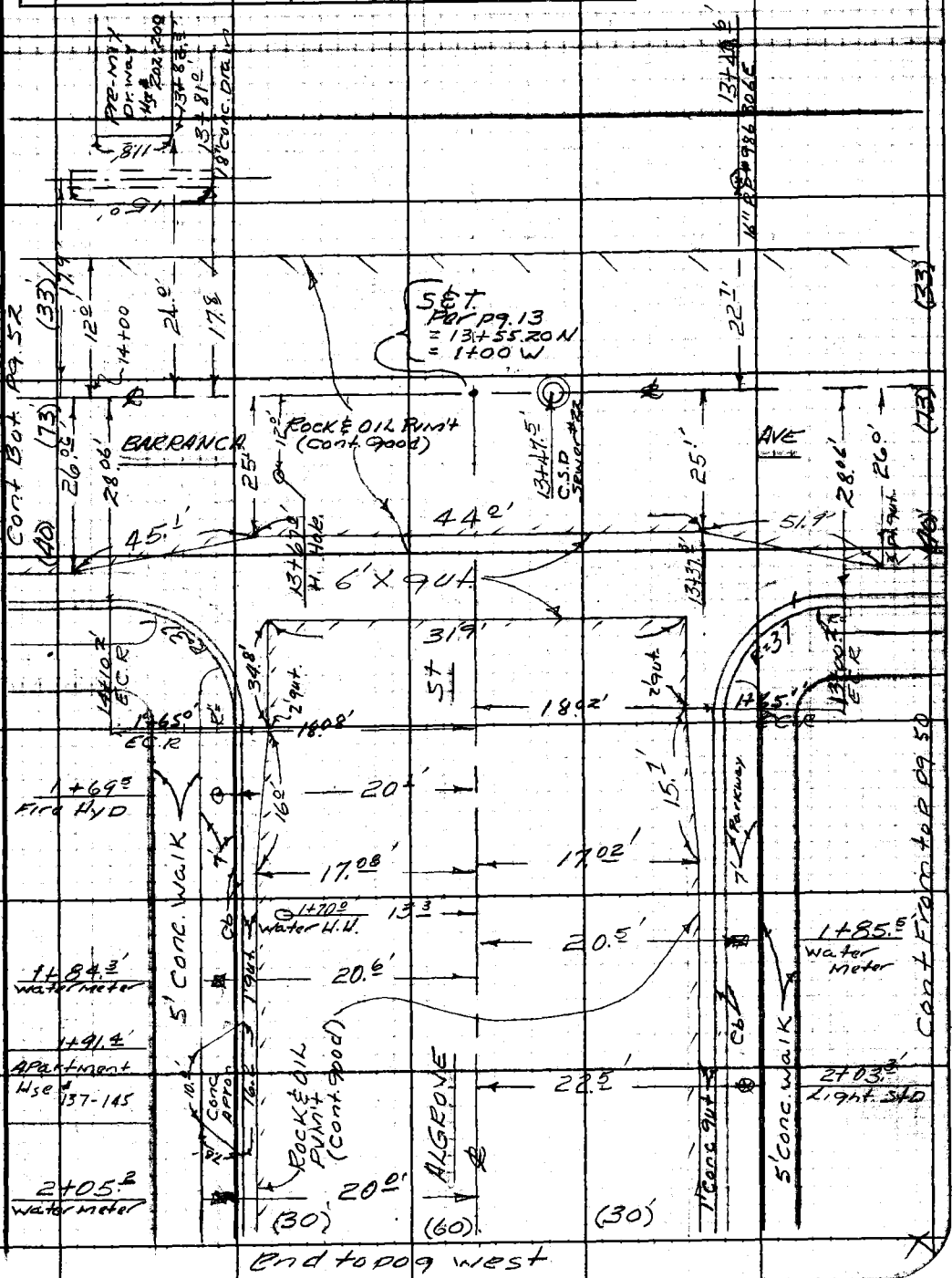
Do not extend notes this side of this line.

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

Cont. From 49 to Pg 49

Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DRAIN
Map No.	IN 0861.05 Tape 0162 Std 68 °F
Office Work	Surveyed by Stock
Checked	Notes MOODY Date 5-7-59
Date MAY 20 1959	Indexed [illegible]

F. B. 3545 PG. 51



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

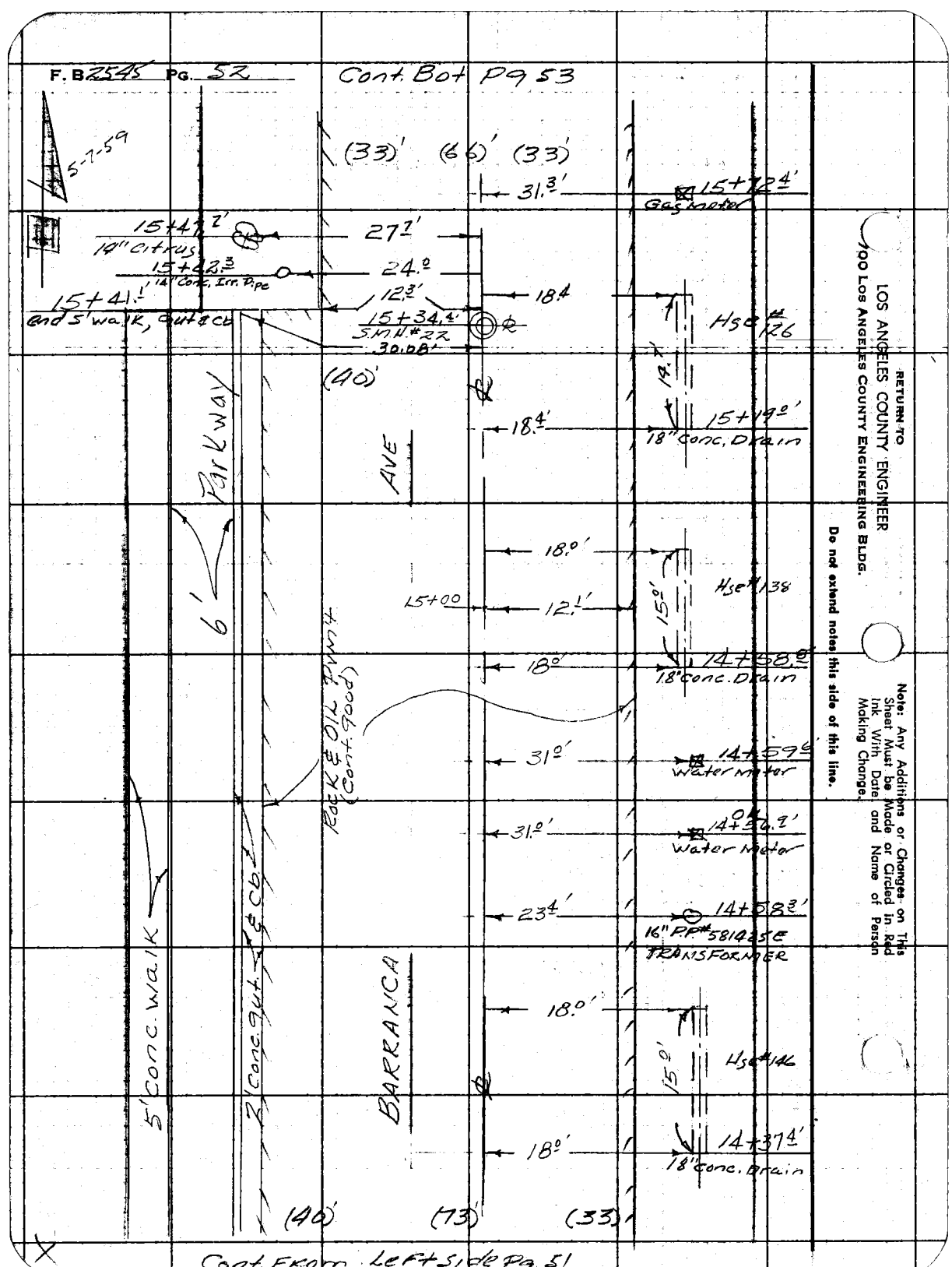
Do not extend notes this side of this line.

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

763098 CE #247—7-53

F. B. 2545 PG. 52

Cont. Bot Pg 53



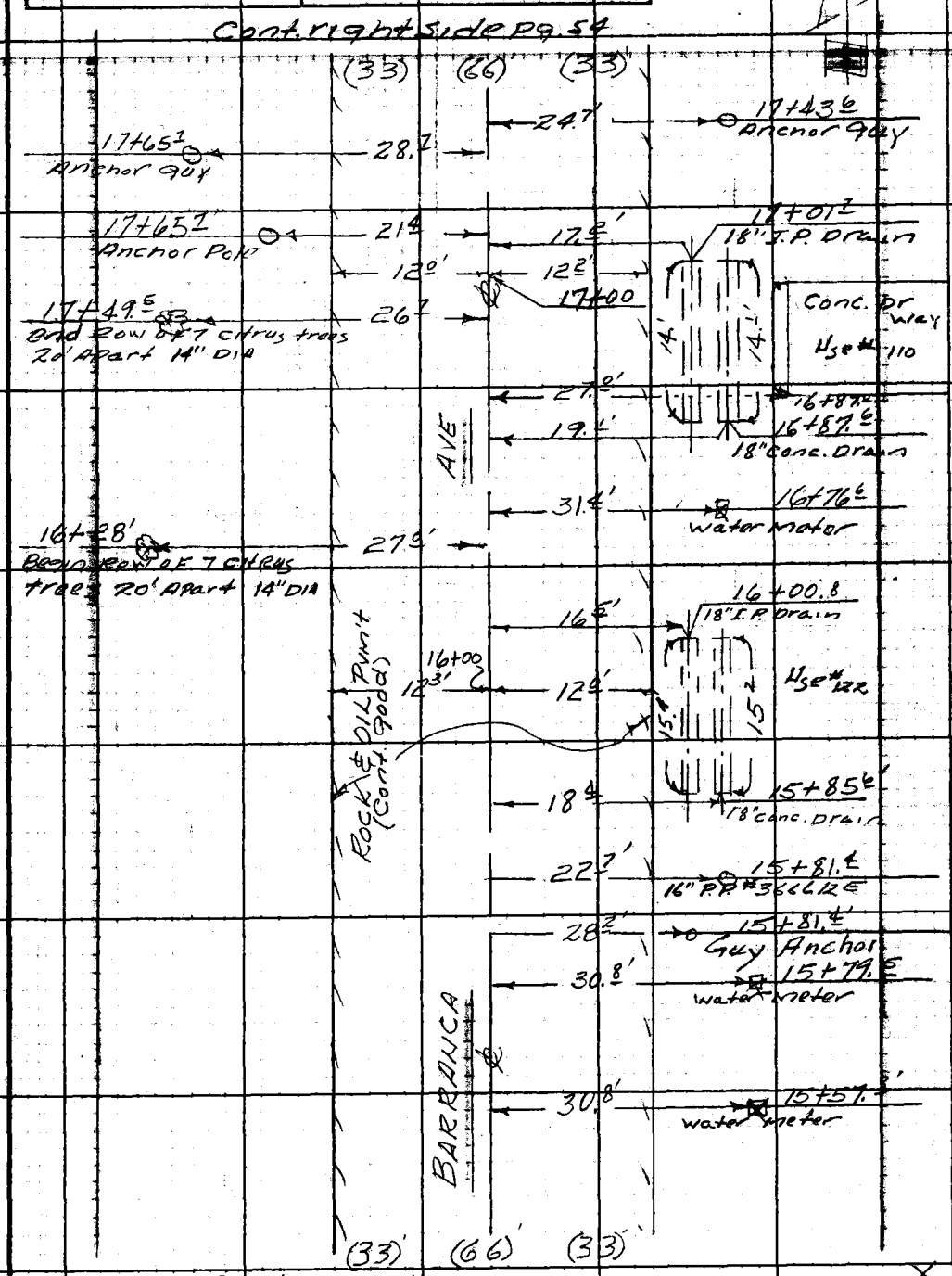
Cont. From Left Side Pg 51

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

Do not extend notes this side of this line.

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

Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DRAIN	F. B 2545 PG. 53
Map No.	JN 0861.05 Tape 0162 Std. 68 °F	
Office Work	Surveyed by Stock	
Checked	Notes MOODY Date 5-7-59	
Date MAY 20 1959	Indexed [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.

763095 CE #247—7-53

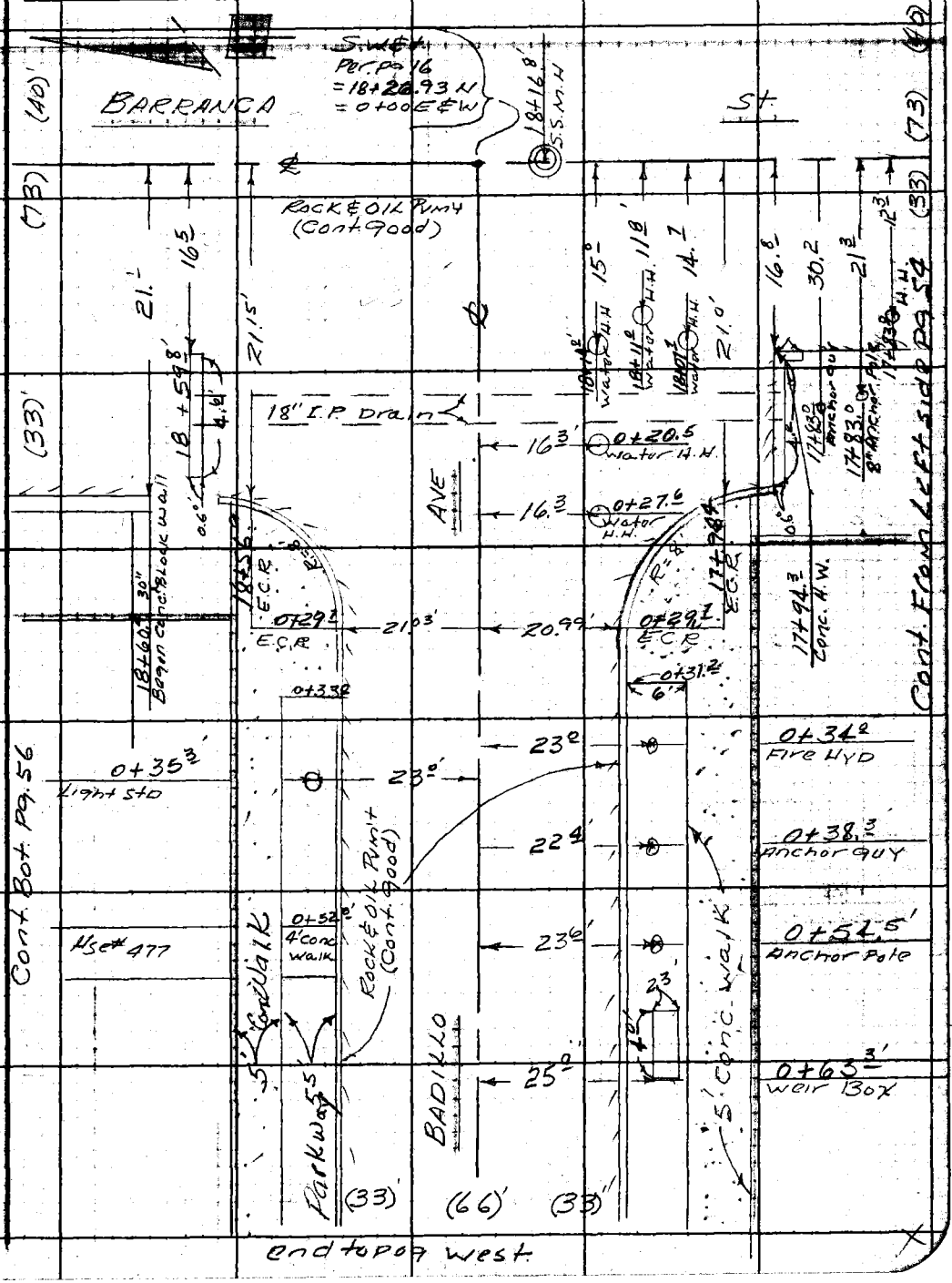
F. B. 2545 PG. 54

RETURN TO
LOS ANGELES COUNTY ENGINEER
100 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.

Notes Ck'd by S. H. MILLER	Survey of Covina storm drain	F. B. 2545 Pg. 55
Map No.	JN 0861.05 Tape 2162 Std 68 °F	
Office Work	Surveyed by Stock	
Checked	Notes Moody Date 5-7-59	
Date MAY 20 1959	Indexed A. C. Johnson	

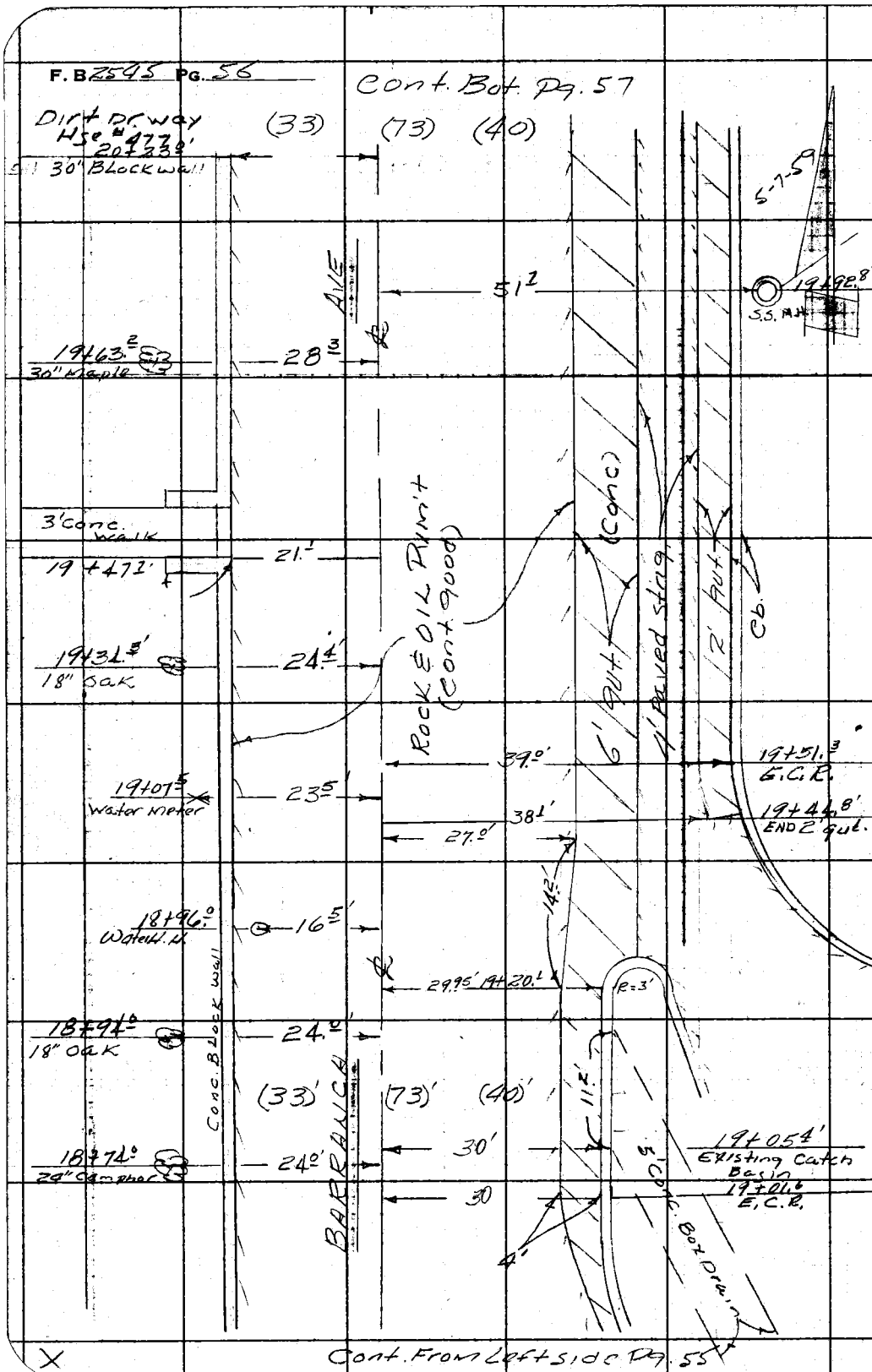


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763093 CE #247—7-53



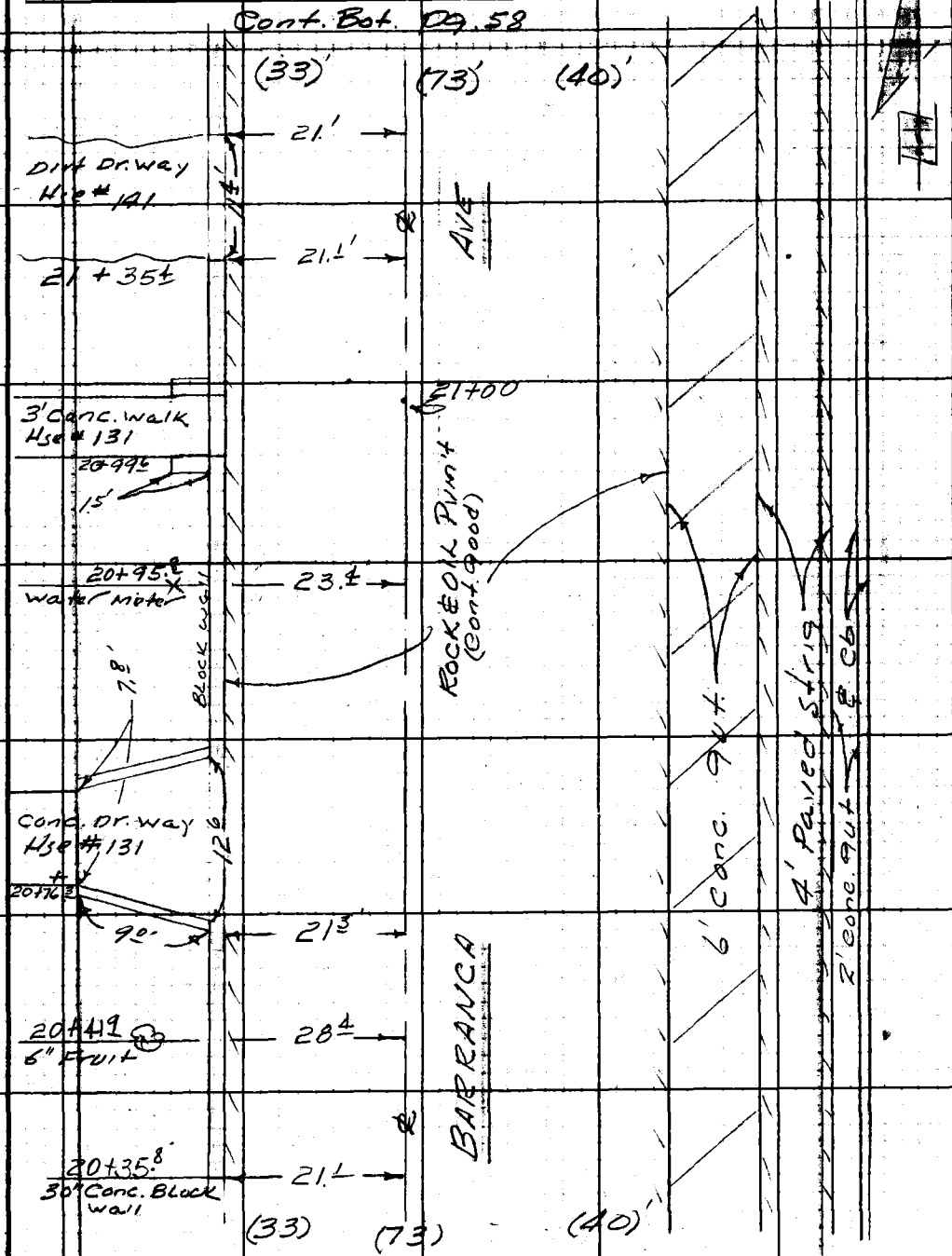
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DRAIN	F. B 2545 PG. 57
Map No.	IN 0861-06 Tape 0163 Std 68 °F	
Office Work	Surveyed by STOCK	
Checked	Notes MOODY Date 5-7-59	
Date MAY 20 1959	Indexed C. Johnson	

Cont. Bot. Pg. 58



Cont. From top Pg. 56

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.

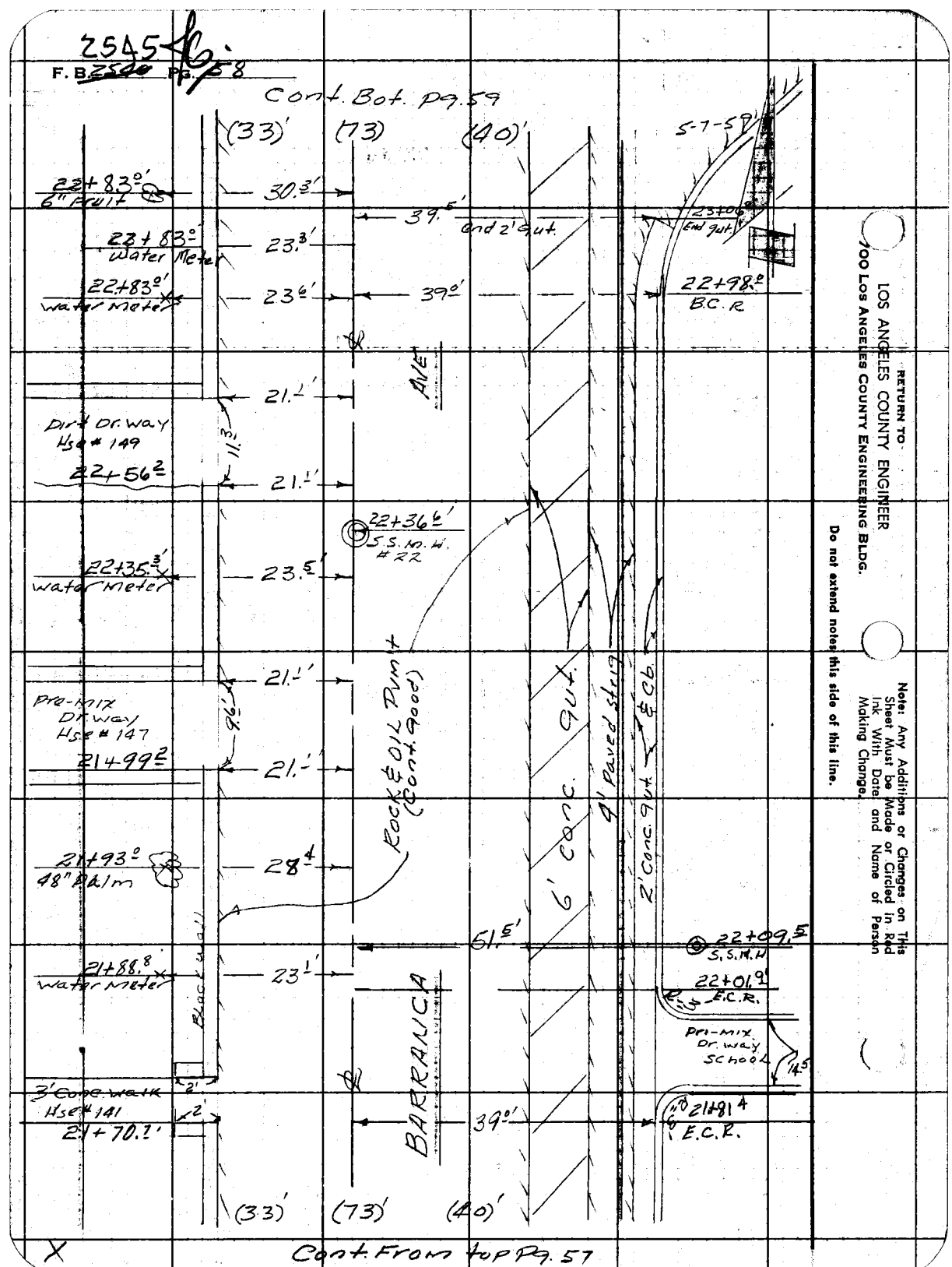
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763093 CE #247—7-53

2545 46

F. B. 2500 Pg. 58

Cont. Bot. Pg. 59



X

Cont. From top Pg. 57

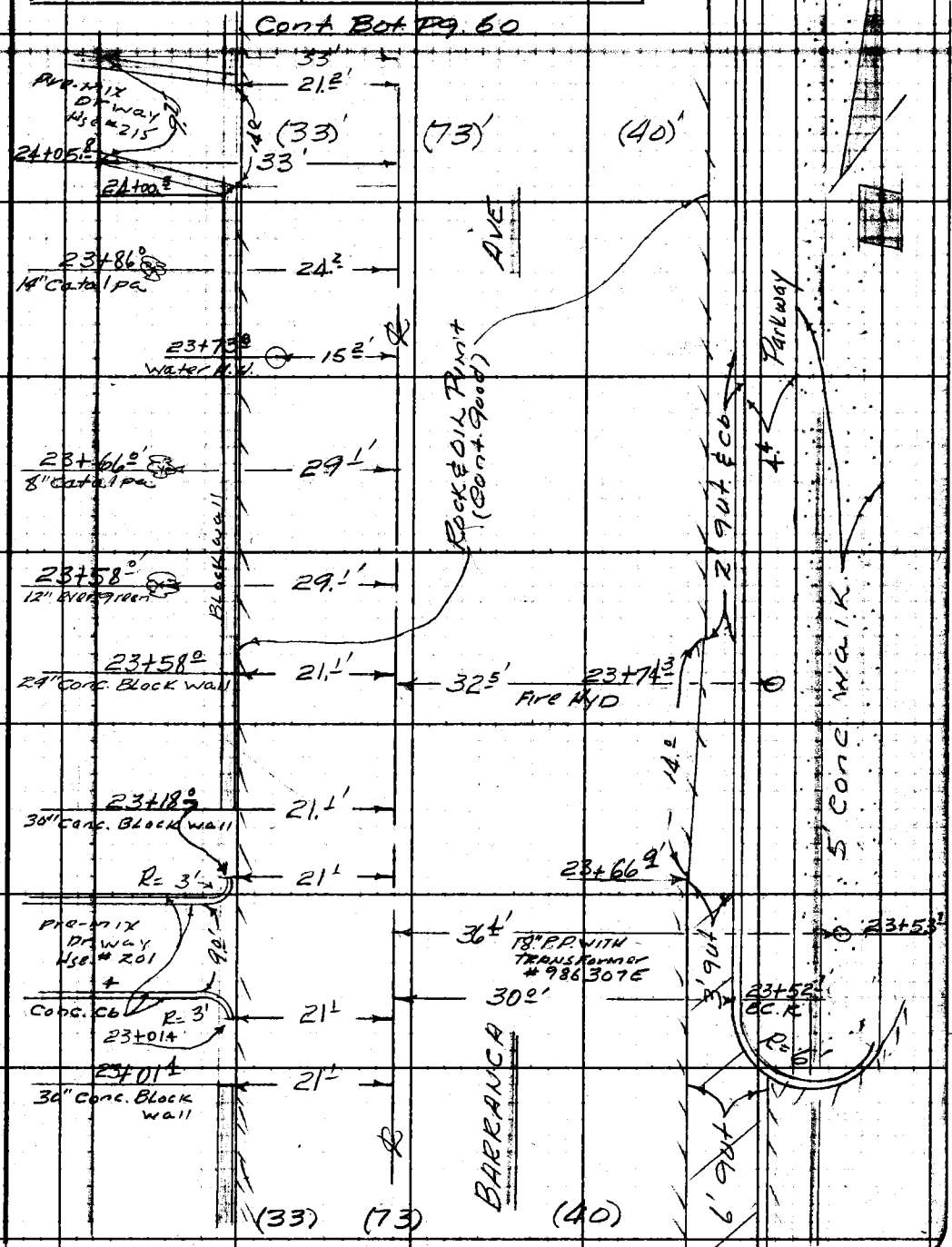
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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 S. H. MILLER	Survey of COVINA Storm DRAIN
Map No.	IN 0861.05 Tape 0162 Std 68 °F
Office Work	Surveyed by STOCK
Checked	Notes MOODY Date 5-7-59
Date MAY 20 1959	Indexed A. C. Johnson

F. B 2545 PG. 59



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.

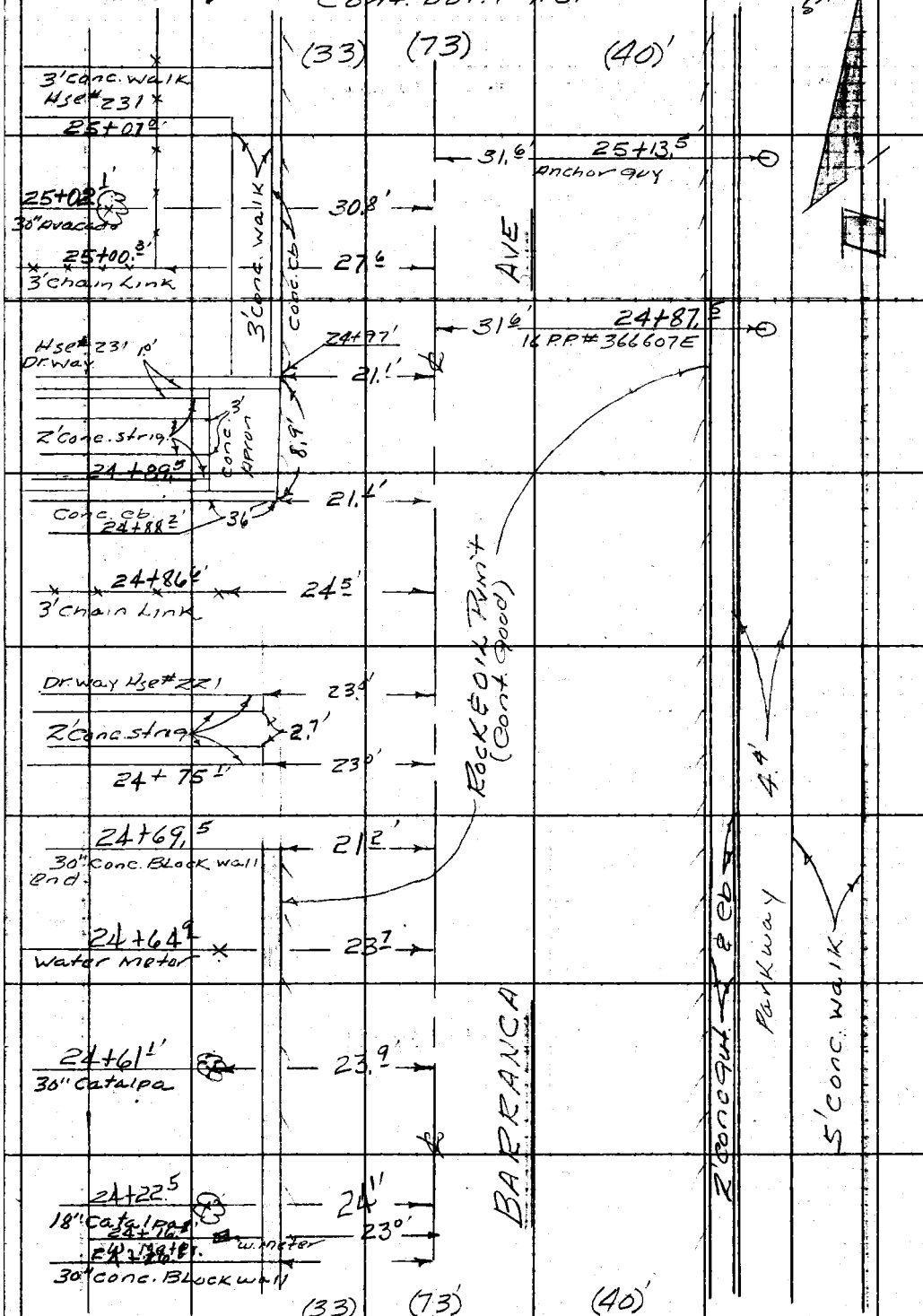
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

2545 Pg.

F.B. 2540 Pg. 60

Cont. Bot. Pg. 61



Cont. From top Pg. 59

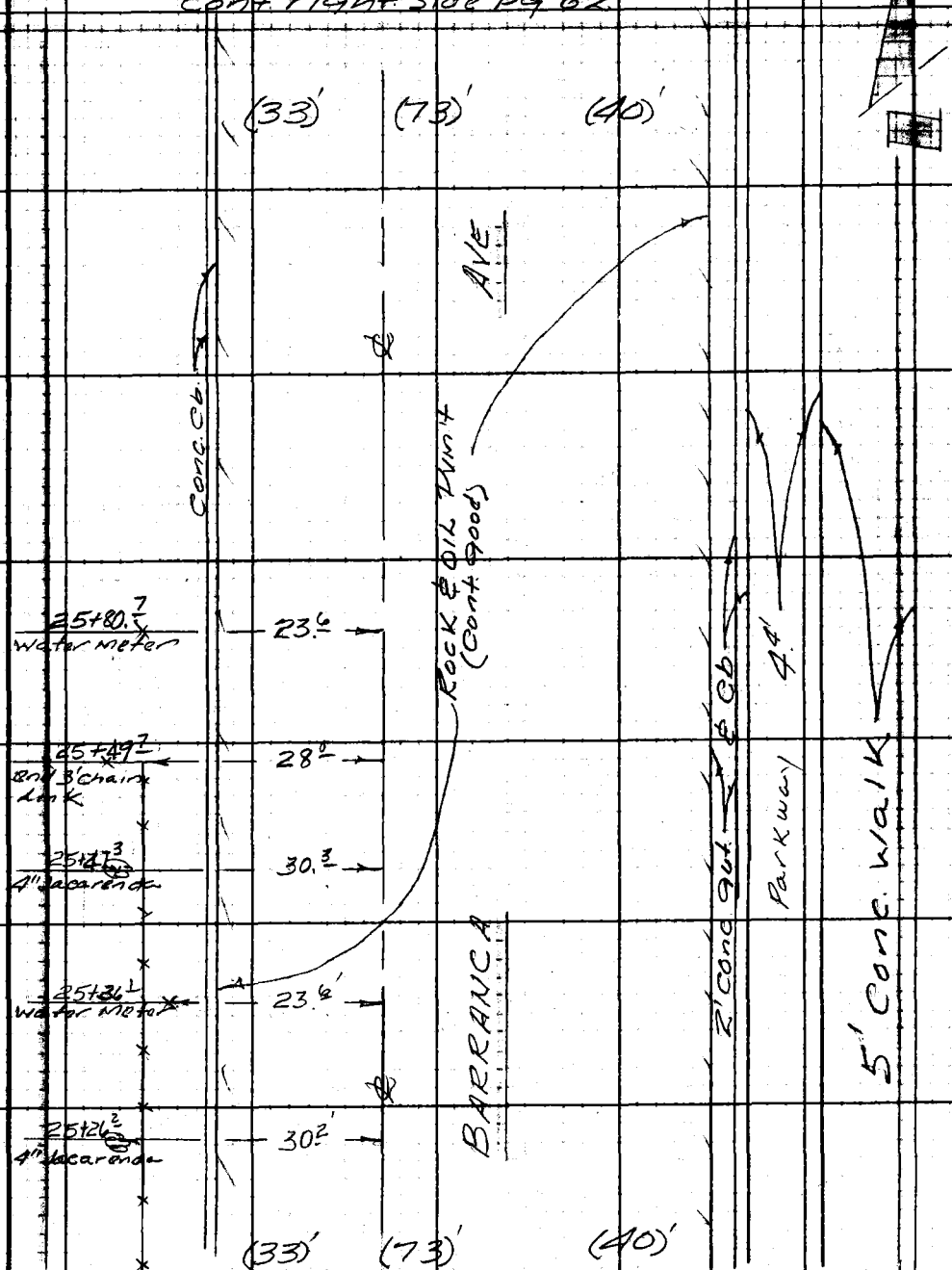
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DRAIN	F. B. 2545 PG. 61
Map No.	IN 086105 Tape 0162 Std 68 °F	
Office Work	Surveyed by Stock	
Checked	Notes Moody Date 5-7-59	
Date MAY 20 1959	Indexed C. Johnson	

Cont right side pg 62



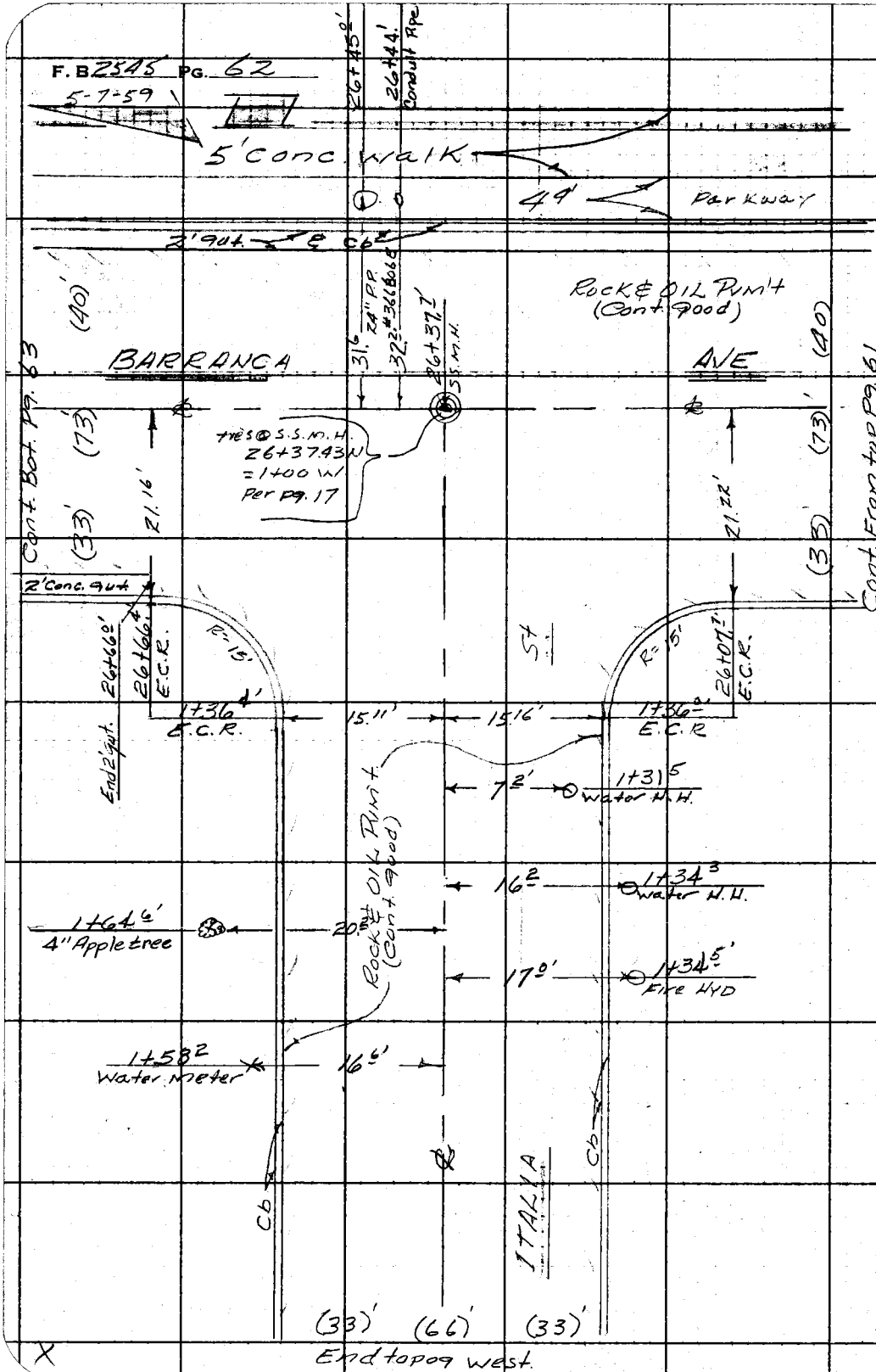
Cont. From top pg. 60

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
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

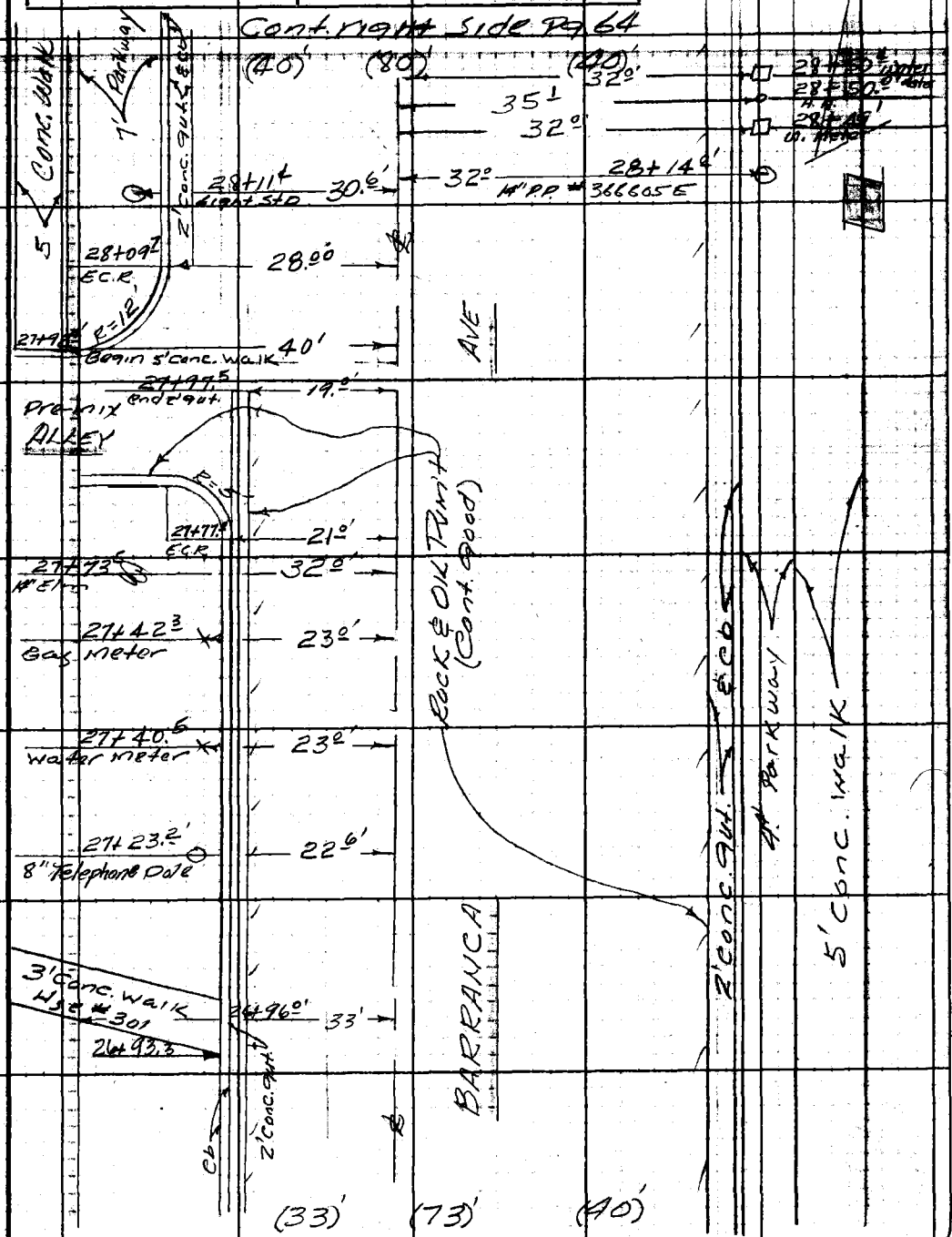


RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DRAIN	F. B. 2545 Pg. 63
Map No.	IN 086105 Tape 0162 Std 68 °F	
Office Work	Surveyed by STOCK	
Checked	Notes MOODY Date 5-7-59	
Date MAY 20 1959	Indexed A. 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.

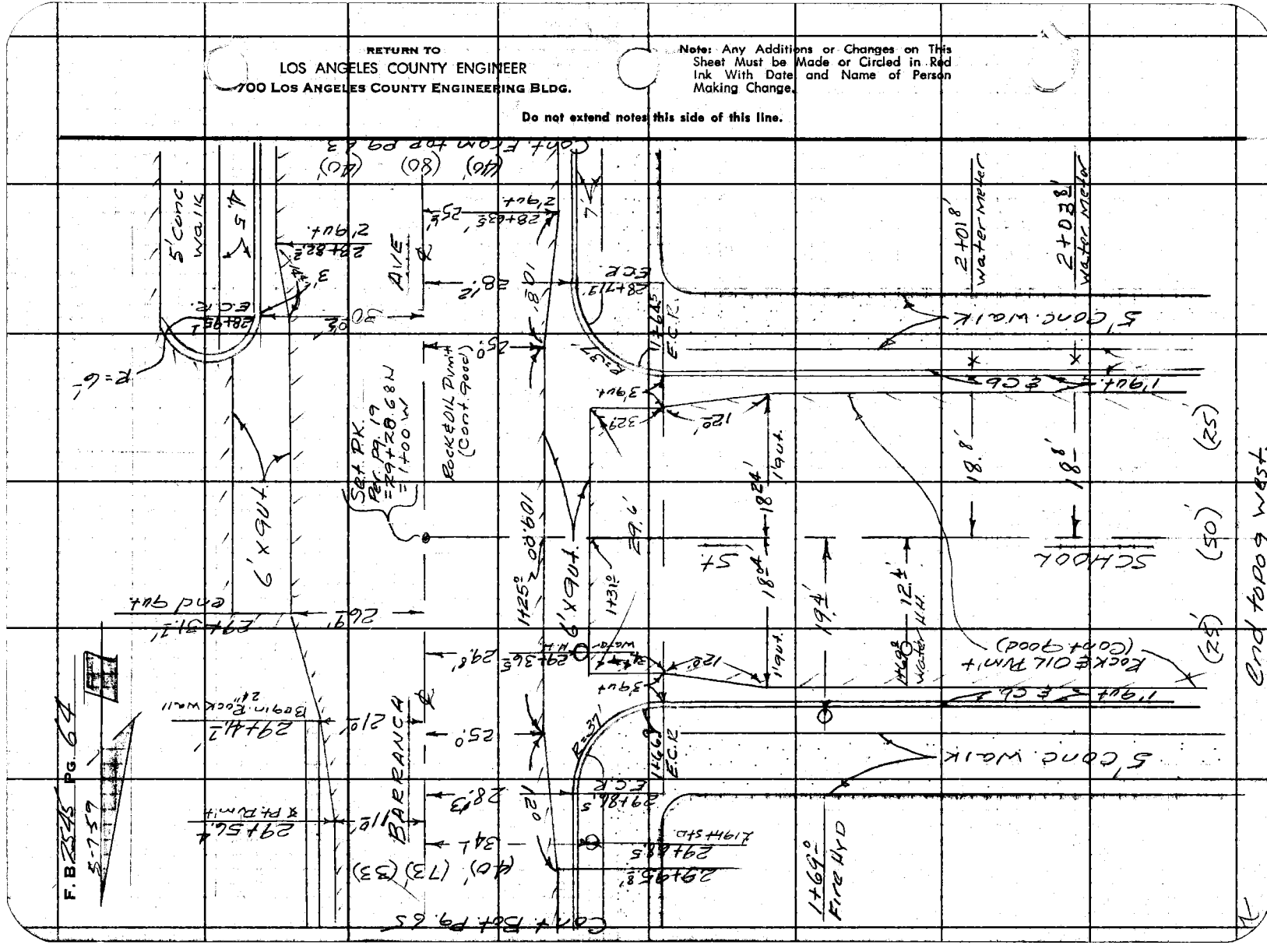
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

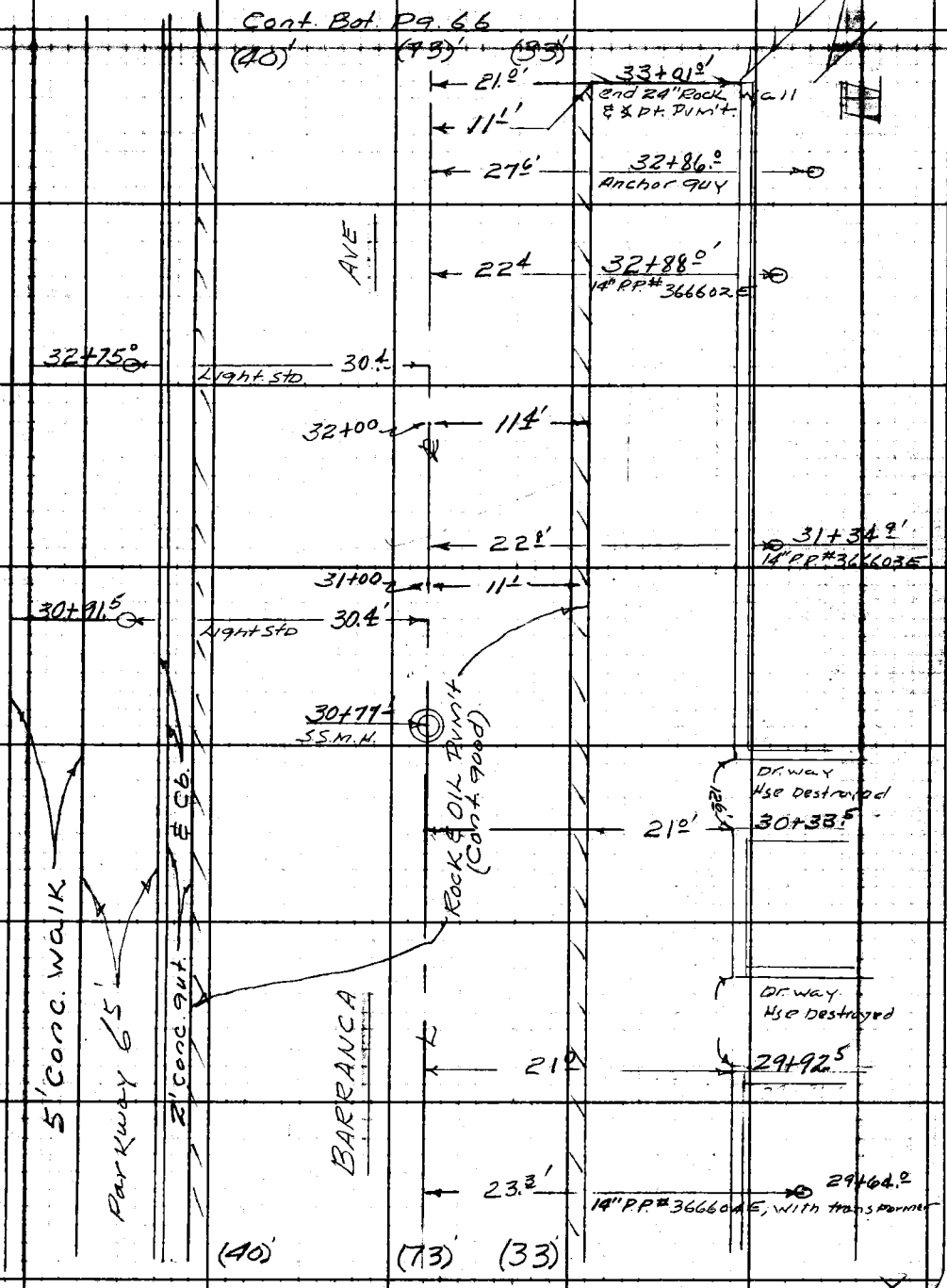
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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.



Notes Ck'd by S. H. MILLER	Survey of COVINA STORM DRAIN	F. B 2545 PG. 65
Map No.	IN 0861-05 Tape 0162 Std 68 °F	
Office Work	Surveyed by Stock	
Checked	Notes MOODY Date 5-7-59	
Date MAY 20 1959	Indexed A. C. Johnson	



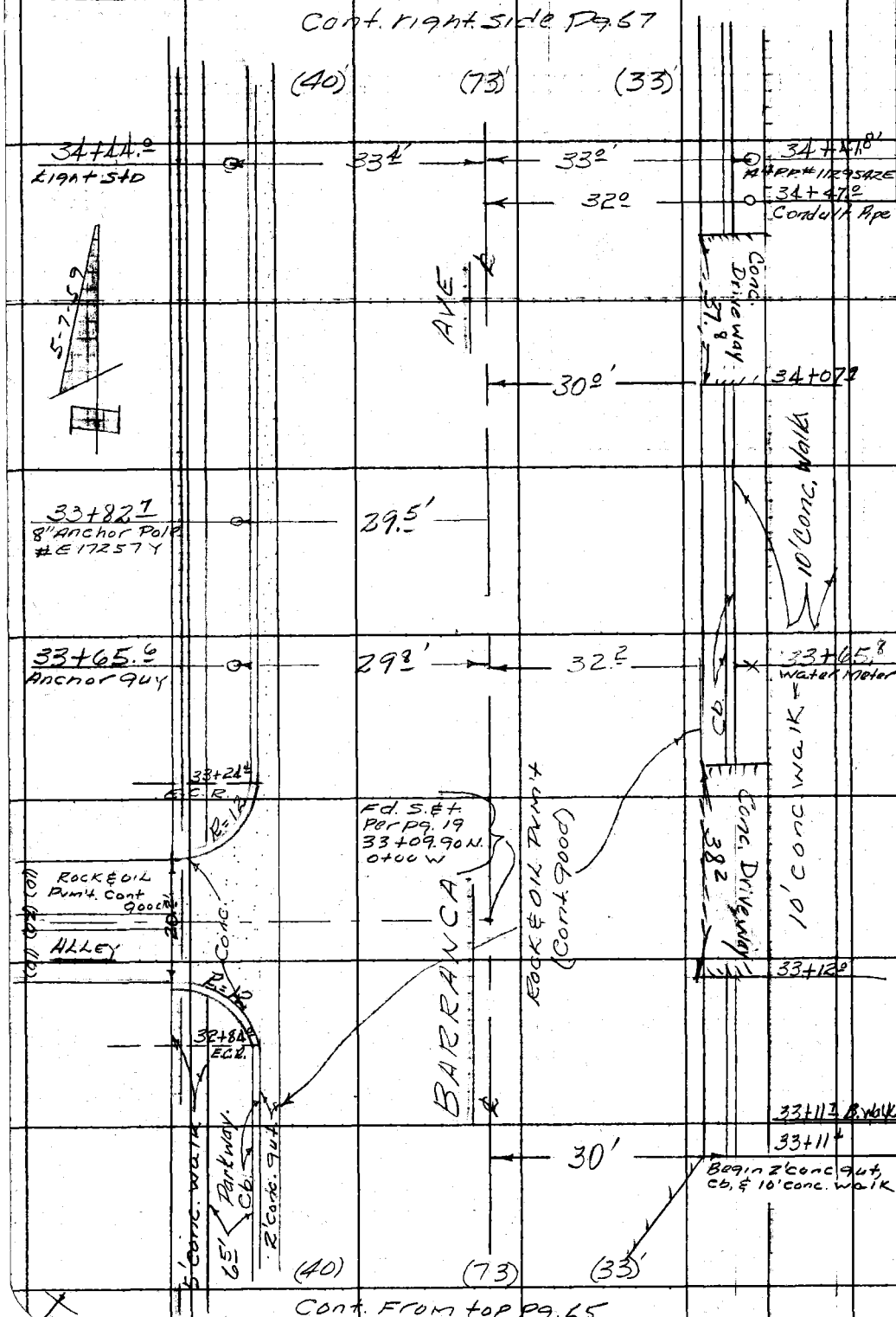
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-53

F. B. 2545 PG. 66

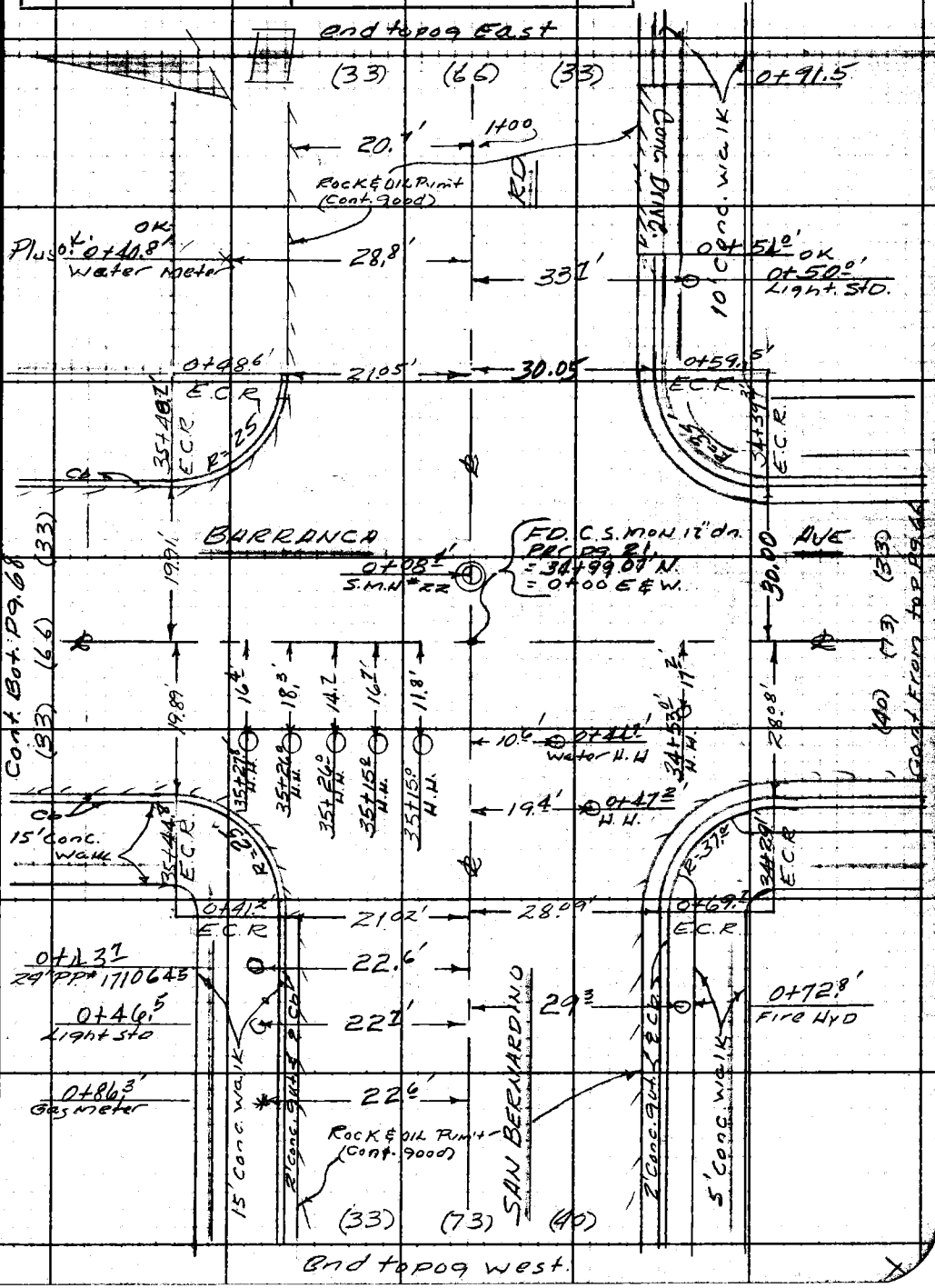


RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by S. H. MILLER	Survey of Covina Storm Drain	F. B. 2545 Pg. 67
Map No.	IN 0861.05 Tape 0162 Std 68 °F	
Office Work	Surveyed by H. R. Stock	
Checked MAY 20 1959	Notes J. A. Moody Date 5-7-59	
Date	Indexed [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.

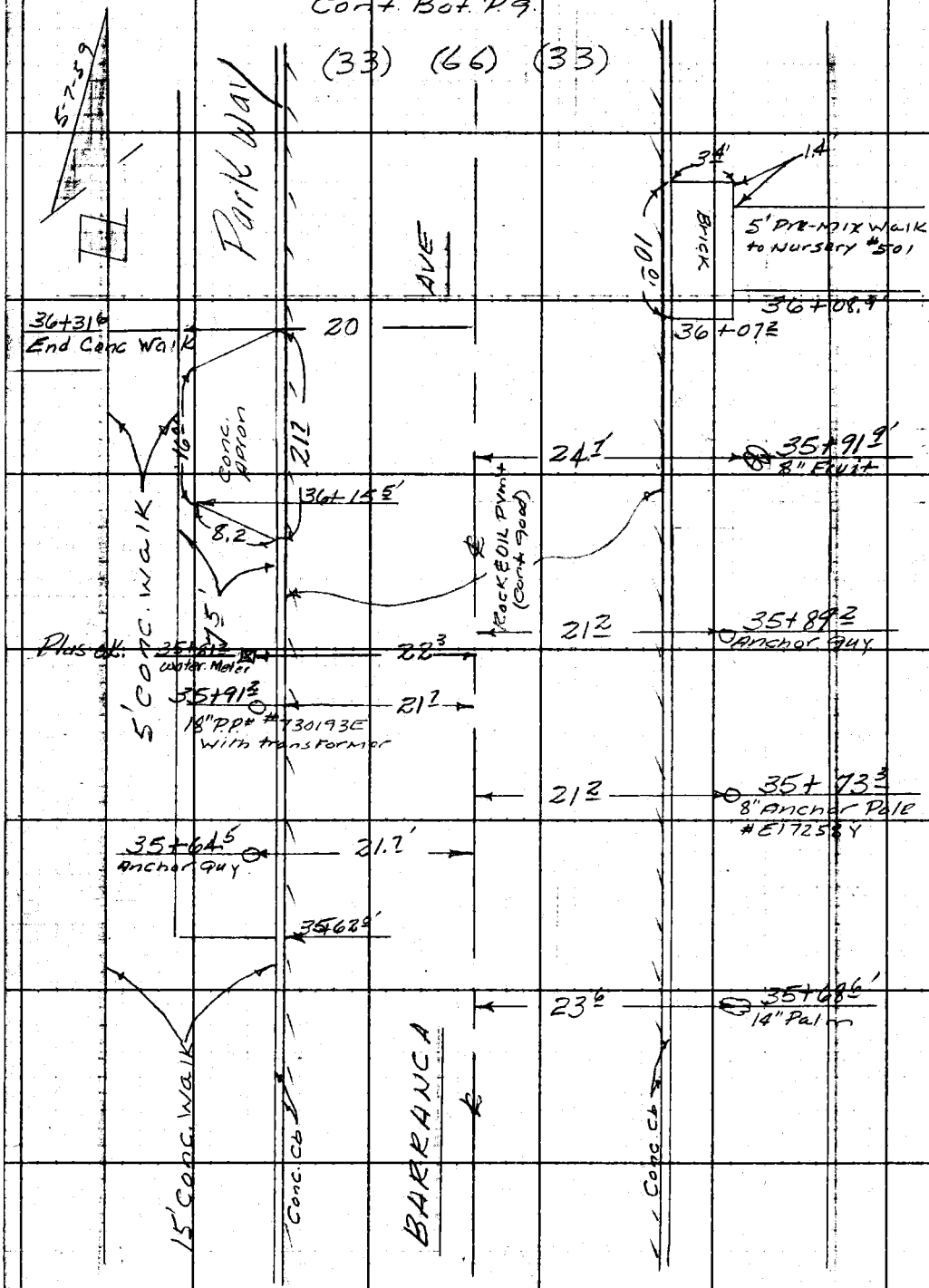
Do not extend notes this side of this line.

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

763098 CE #247—7-53

F. B. 2545 PG. 68

Cont. Bot. P.9.



Cont. From Left Side P.9.

RETURN TO
LOS ANGELES COUNTY ENGINEER
OO 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.

Profile No. ____ X-Sec. No. ____

Notes Rad. ____ Date ____ Notes Chkd. S. H. MILLER Date MAY 20 1959

Plotted ____ Date ____ Checked ____ Date ____

Job No. 0861.05 Division No. ____ Survey of COVINA STORM DRAIN Survey by STOCK Notes MOODY Date 5-1-59 Map No. ____ Indexed C. Johnson

F. B. 254 [illegible] 75

COVINA STORM DRAIN
LINE "B"
BARRANCA AVE. FROM CHARTER OAK
CREEK NORTH TO SAN BERNARDINO
ROAD

PROJECT # 423
J.N. 0861.05

PARTY:
STOCK
MOODY
VALDEZ
BICKSLER

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

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

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

Do not extend notes this side of this line.

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	[illegible]	H. I.	F. S.	ELEV.		℄
rd B.M.S.D. #184				541.82 ✓	B.M.S.D. #184 Elev. 541.818 ✓ F.B. 2540-14 BARRANCA AVE & PUENTE ST. S.E. COR. BT. SPK IN N.W. COR. OF CATCH BASIN AT E. END C.R.	
0+00				32.9		℄ Top N bank
				18.9		7.0' R(S) Revet
				16.7		9.0 " bot
				16.6		14' " ℄ Channel
				16.9		20' " bot
				18.0		22' " Revet
				33.4		45' "
				33.5	15' L(N)	
0+50				17.4		℄ Revet
				16.8		2' R(S) bot
				17.0		7.8' " ℄ Channel
				17.2		10.8' " bot
				18.7		15.5' " Revet
				34.2		25' " Top bank

F. B. 2545 Pg. 76 Job No. 0861.05 Division No. Notes Red Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STOCK Notes STOCK Notes Chkd Checked Date No.
Index C. Johnson Date Date

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		℄
0+50				35 1		45' R(S)
				33 3	13 L(N) Top bank	
				33 8	45 "	
1+00				516 05		℄ Top 3/4" I.P.
				17 2		℄ ground
				17 5		7.0' R(S) bot
				18 3		9.4' " Revet
				35 7		23' " Top
				36 42		45' " driveway
				17 9	6.5 L(N) bot & Revet	
				33 9	25' " Top	
				35 0	45' "	
1+50				17 5		℄
				17 7		4' R(S) bot
				19 1		7' " Revet
				37 2		25' " Top bank
				37 3		45' "
				17 7	7' L(N) bot	
				19 1	9' " Revet	
				35 2	26 " Top bank	
				35 5	45' "	

X

Profile No. X-Sec. No. Date Notes Red. Date Notes Chkd. S. H. MILLER Date MAY 20 1959 Plotted Date Checked Date Job No. 0861.05 Division No. Survey of COVINA STORM DRAIN Survey by STOCK Notes MOORE Date 5-11-59 Map No. Index [illegible] F. B. 2545 Pg. 77

76L-298 S & R #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
[illegible]				5181		℄
				181		5.5' R(S) bot
				193		7' " Revet
				371		32' " Top bank
				376		47' "
				183	8.6 L(N) bot & Revet	
				364	28.6' " Top bank	
				368	45' "	
2+35.0'				192		℄ bot channel
				192		8.0' R(S) bot
				38.0		25' " Top bank
				38.5		45' "
				194	8.0' L(N) bot	
				36.6	19' " Top bank	
				367	45 "	
2+35.4				2791		℄ Top Head wall
			30.14	2794		8.0' R(S) Top "
			30.33	2788	8.0' L(N) Top Headwall	
2+36.0				2711		℄
				2714		8.0' R(S)
				2707	8.0' L(N)	

X

F. B. 2545 Pg. 78
Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STOCK Notes MOODY Notes Chkd. Checked No.
Index [illegible] Date Date Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
2+38.1				531 55	5.5 L(N) invert 12" Iron drain	
2+39.3				28 17		8.7' R(S) Top Conc Rib
2+39.5				27 25		" " bot
2+47.2				28 21	7.5 L(N) Top Conc Rib	
2+47.5				27 22	" " bot	
2+49.1				538 70		11° R(E) Top Headwall
2+54.9				538 73		℄ Top Headwall
2+60.1				538.77	6.5 L(N) Top Headwall	
2+67.1				39.84		℄ edge pvmt
2+82.68						℄ INT. BARRANCA AVE.

BEGIN PROFILE & CROSS SECTION OF UNDERGROUND CONC BOX DRAIN (0+00) = 2+40.89 IN CHARTER OAK CREEK

0+00				528 25		℄
0+07.1				530 15		℄
				530.17		2.0' R(S) ℄ Drain
				530 24		10 " bot

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0861.05 Division No. ____ F. B. 2545 Pg. 79
X-Sec. No. ____ Date ____ Date ____ Survey of COVINA STORM DRAIN
Notes Chkd. S. H. MILLER Checked ____ Survey by STOCK Noted Moore Date 5-11-59
Date MAY 20 1959 Date ____ Map No. ____ Indexed ____ Date ____

76L-298 S & E #307—1-56

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F. B. 2545 Pg. 80 Job No. Division No. Notes Red. Plotted Profile
Survey of Date Date No. X-Sec.
Survey by Notes Notes Chkd. Checked
Ind. C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
						℄
0+07.1				530.21	6' L(N) bot.	
0+19.4				530.34	3.9' L(N) bot drain Floor	
				533.14	" " invert 16" Conc drain	
0+26.7				530.41	3.1 " bot drain Floor	
				530.73	" " invert 7" iron drain	
1+16.09				531.47		℄ E.C. channel box bot
				531.47		8.0 R(E) bot.
				531.47	8.0 L(W) bot.	
1+69.2				531.99		℄
				532.00		8.0' R(E) bot.
				532.01	8.0' L(W) bot.	
2+42.40				532.93		℄ B.C. Box Drain
				532.95		8.0 R.E. bot
				532.95	8.0 L(W) bot	
2+51.6				[illegible]01		8.5' R(E) bot
				[illegible]02		" " invert 24" Corr. iron drain
3+03.4				336.1	9.0 L(W) bot	
				335.53	" " invert 24" Corr. iron drain	
3+26.4				333.80		℄ 5.2 R(E) bot
				333.89		
				333.81	10.8' L(W) bot.	

76L-298 S & E #307—1-56

35.51
63
620

541.19

535.63

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
3+32.4'				535 65		10.0' R(E) Bot.
				535 71	13.4' L(W) bot.	
3+36.9'				35 3		℄
				35 9	3' L(W) brk	
				36 5	16 8 " "	
				41 24	19.2' " top wingwall	
3+40.2'				35 4		℄
				35 6		11' R(E) @ Revet
				40 0		18' " @ wingwall
				41 23		18 4 " Top Wingwall
3+50				35 5		℄
				35 6		8 8' R(E) bot @ Revet.
				42 6		15.4' " top bank
				37 1	8.9' L(W) bot. @ Revet.	
				41 5	14.5' " top bank	
4+00				35 5		℄
				35 5		8.3' R(E) bot @ Revet.
				42 0		16.5' " top bank
				36 0	8.0' L(W) bot. @ Revet.	
				41 7	13.0' " top bank	

X

Profile No. X-Sec. No. Notes Red. Date Notes Chk. Date MAY 20 1959 Plotted Date Checked Date Job No. Survey of Survey by Map No. Division No. Notes Date Index

S. H. MILLER

F. B. 2545 Pg. 81

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
End PROFILE & CROSS SECTION OF Underground Conc. Box DRAIN & EXISTING CHARTER OAK CREEK WASH N.E'LY						
BEGIN — PROFILE & CROSS SECTION OF BARRANCA AVE "SOUTH" & BARRANCA AVE				2+82.68 N = 0+00 S. INT. CHARTER OAK CREEK		
FD B.M.S.D. #184				541 82		
0+00				40 16		℄
0+50				39 62		℄
1+00				38 81		℄
				38 30		12' R.(W) edge Pim't.
				37 7		19' " brk
				37 6		33' " P/L
				38 36	15' L(E) W/4	
				37 81	28' " edge gut.	
				37 58	30' " F.L. "	

X

F. B. 2545 Pg. 82
Job No. Division No. Notes Red. Plotted Profile
Survey of Date Date No. X-Sec.
Survey by Notes Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
1+00				53818	30' L.(E) t.cb.	
				387	40' " P/L	
	END PROFILE & CROSS SECTION OF BARRANCA AVE SOUTH					
	RESUME PROFILE & CROSS SECTION OF BARRANCA AVE NORTH @ INT. OF CHARTER OAK CREEK & BARRANCA AVE = 2+82.68 N.					
2+82.68				54016		℄
2+88.3				4017		℄
				3969		15' R.(E) W/4
				3941		28' " edge gut.
				3923		30' " F.L. "
				3986		" " t.cb.
				400		40' " P/L
				3978	12.4' L.(W) edge pvm't	
				390	21' " brk	
				376	33' " P/L	

X

Profile Notes Red. Plotted Job No. 0861.05 Division No. F. B. 2545 Pg. 93
No. Date Date Survey of COVINA STORM DRAIN
X-Sec. Notes Chkd. S. H. MILLER Checked Survey by STOCK Notes MOODY Date 5-11-59
No. Date MAY 20 1959 Date Map No. Index C. J.

76L-298 S & E #307—1-56

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F. B. 2545 Pg. 84 Job No. 0861.05 Division No. Notes Red Plotted Profile
Survey of Covina Storm Drain Date Date No. X-Sec.
Survey by Stock Notes Moody Notes Chkd. Checked
Inde[illegible] C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		℄
3+12.3	S. Rim 40.15 N Rim 40.16			540.16	S.S. M.H. Mean Rim on ℄	= 540.16 15.11 Mean Dia. 525.05 1.48 dia. 523.57 Invert.
				523.57	Invert 18" Inlet N.	(Elev. 540.16 15.15 525.01 dia. 1.49 523.52
		540.16 Mean Rim 15.28 Mean Dia. 524.88 .69 dia. 524.19		523.52	Invert 18" Outlet S.	
				524.19	Invert 8" outlet Stub W.	
3+88.3				40.65		℄
				40.34		15' R(E) W/4
				40.42		28' " gut edge
				40.27		30' " " F.L.
				40.92		" " T.cb.
				41.4		40' " P/L
				40.45	12' ℄(W)	
				39.39	18.8 " gut edge	
				39.24	20.8 " " F.L.	
				40.32	20.8 " T.cb	
				39.9	21.5 " back of curb	
				39.6	33' " P/L	
4+28.3				541.01		℄
				40.71	ok does dip !	15' R(E) W/4
				40.95		28'
				40.80		30'
				41.41		"

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	℄
4+28.3				541 7	40' R(E) P/L
4+70.1				41 59	℄
				41 28	12.0' L(W) pvmt edge
				40 51	18.8' " gut edge
				40 38	20.8 " " F.L.
				41 22	" " T.cb
				40 9	33' " P/L
5+04.87				542 10	℄ INT. PUENTE ST.
Fd B.M.S.D.#184				541 82	B.M.S.D.#184 Elev. 541.818 F.B. 2540-14 BARRANCA AVE. & PUENTE ST. S.E. COR. BT. SPR IN N.W. COR OF CATCH BASIN AT E. END C.R.

BEGIN PROFILE & CROSS SECTIONS PUENTE ST.
EAST 0+00 = ℄ INT BARRANCA AVE.

STATION	B. S.	H. I.	F. S.	ELEV.	℄
0+00				542 10	℄
0+16				41 81	℄ x-gut
0+31.5				42 25	33.4 L(N) Top Conc. Headwall
				39 60	" " invert 24" CORR. IRON DRAIN Inlet
0+68.5				42 31	℄
				41 84	15 R(S) W/4
				41 30	28 " gut edge

Profile No. X-Sec. No. Notes Red. Date Notes Chk'd. S. H. MILLER Date MAY 20 1958 Plotted Date Checked Date Job No. 0861.05 Division No. Survey of COVINA STORM DRAIN Survey by STOCK Notes MOODY Date 5-11-59 Map No. Indexed A. C. Johnson

F. B. 2545 Pg. 85

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
0+68.5				540 94	℄ Catch Basin	30' R(S) gut F.L.
				41 87		" " T.cb.
				42 10		40 " P/L
*invert 24" inlet in bot of C.B. =				42 11	11' L(N) edge Pvmt	
				41 7	30' " brk	
				39 9	33' " P/L	
	Note Head Wall of Drain North Side See Pg #					
1+08.5				42 49		℄
				42 16		11' R(S)
				42 00		15' " edge gut
				41 5		28' " F.L.
				41 9		29' " Top
				42 4		40' " P/L
				42	11' L(N) edge pvmt	
				40 4	28' " drain	
				42 7	32' " brk	
				43 1	40' " brk P/L	
2+08.5				43 23		℄
				42 78		11' R(S) edge pvmt
				42 1		28' " F.L.

X

F. B. 2545 Pg. 86 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STOCK Notes MOODY Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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Profile Notes Red. Plotted Job No. 0861.05 Division No.
No. Date Date Survey of COVINA STORM DRAIN
X-Sec. Notes Chkd. H. MILLER Checked Survey by STAFF Notes KROOV Date 5-11-59
No. Date MAY 20 1959 Date Map No. Indexed C. JAMES Date

F. B. 2545 PG. 87

STATION	B. S.	H. I.	F. S.	ELEV.		℄
2+08.5				543 1		29' R(S) brk
				42 7		40' " P/L
				4298	11' L(N) edge pvmt	
				419	30' " F.L.	
				424	32' " brk	
				433	40 " P/L	
		END PROFILE & X-SECTION PUENTE ST. EAST BEGIN WEST ON PUENTE		0+00 = ℄ INT BARRANCA AVE.		
0+10				4181		℄ W/A
0+21				4069		℄ x-out
0+39.0				4146		℄
				4118	8' L(S) W/A	
				4066	14.4' " out edge	
				4039	16.6 " " F.L.	
				4135	" " T.CB	
				4100	33' " P/L	
0+39.3				4146		℄
				4131		8' R(N) W/A
				4095		14.4' " out edge
				4077		16.4 " " F.L.
				4176		" " T.CB
				430		33' " P/L

76L-298 S & E #307—1-56

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F. B. 3545 Pg. 88
Survey of COVINA STORM DRAIN
Survey by STOCK Notes MOODY
Index C. Johnson
Job No. 0861.85 Division No. Profile
Plotted Notes Red. No. X-Sec.
Date Date Date
Checked Notes Chkd. No.
Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.		℄
0+79.3				54153		℄
				4143		8 R(N) W/A
				4097		14.4 " out edge
				4084		16.4 " " F.L.
				4183		" " T.cb
				432		33 " P/L
				4127	8' L(S) W/A	
				4073	14.4 " out edge	
				4046	16.4 " " F.L.	
				4141	" " T.cb	
				408	33' " P/L	
1+79.3				54164		℄
				4158		8' R(N) W/A
				4116		14.4 " out edge
				4102		16.4 " " F.L.
				4196		" " T.cb.
				435		33 " P/L
				4134	8 L(S) W/A	
				4084	14.4 " out edge	
				4057	16.4 " " F.L.	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
1+79.3				541 43	16.4 L(S) T.cb.	
				40 9	33' " P/L	
		END PROFILE & X-SECTION PUENTE ST. WEST. RESUME BARRANCA AVE. NORTH.				
5+04.87				542 09	S.S.M.H. on ℄	Mean Rim Elev.
	542.09 S			529.88	Invert 18" Inlet N.	542.09 Meas. Dn. 10.67 531.42 1.54 Dia. 529.88 Invert.
	542.09 N	M. Rim Elev. 542.09 Meas. Dn. 10.90 531.19 dia. .69 530.50		529.77	Invert 18" outlet So.	542.09 Mean Rim Elev. 10.80 Meas. Dn. 531.29 1.52 dia 529.77
				530.50	Invert 8" outlet E. Stub	
5+30.7				542 45		℄
				41 69	15.4 L(W) edge pvmt.	
					18.8 " gut edge	buried black Tap
					20.8 " " F.L.	
				41 82	21' " T.cb	
				32 7	33' " P/L	
5+40.7				42 56		℄
				42 22		12.7 R(E) edge Pvmt
				41 2		22' " brk
				39 8		24 " drain

X

Profile No. X-Sec. No. Date Notes Red. Date Plotted Date Notes Chk. S. H. MILLER Checked Date MAY 20 1959 Job No. 0861.05 Division No. Survey of COVINA STORM DRAIN Survey by STOCK Notes MOODY Date 5-11-59 Map No. Index F. B. 2545 Pg. 89

76L-298 S & E #307—1-56

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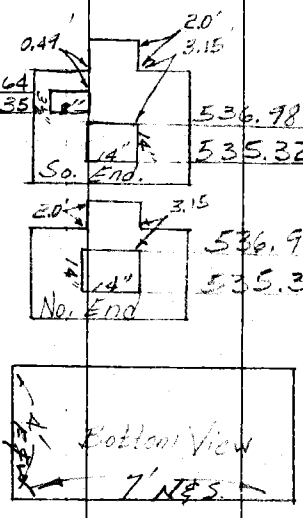
F. B. 2345 Pg. 90 Job No. 4861.05 Division No. Profile
Survey of COVINA STORM DRAIN No. X-Sec.
Survey by STOCK Notes MOODY Plotted Notes Red. Date No.
Indexed C. Johnson Date Checked Notes Chkd. Date No.
Date Date

STATION	B. S.	H. I.	F. S.	ELEV.		℄
5+40.7				540.0		28 R(E) brk
				41.7		33' " P/L
				42 23	11.0' L(W) edge pvmt	
				416	13' " F.L.	
				428	33' " P/L	
5+42.5	539.64			542 13	Tel. M.H. #93-C Mean Rim	R(E) 13.2
	538.35			539.64	Top 3.5'x8" Conduit So.	S. Rim = 542.14
				539.35	bot 3.5'x8" " "	N. Rim = 542.12
				536.98	Top 14"x14" Conduit Sp.	Mean Elev. 542.13
				535.32	bot " "	
				536.98	Top " " " No.	
				535.32	bot. " " " "	
5+80.7				42 84		℄
				42 31		12.4 R(E) edge pvmt.
				40 6		15.5 " bot F.L.
				40 6		19.5 " " "
				420		21 " top brk
				42 1		33' " P/L
				42 72	12.1' L(W) edge pvmt	
				426	14' " F.L.	
				433	33' " P/L	



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STATION	B. S.	H. I.	F. S.	ELEV.		℄
6+80.7				544 07		℄
				43 53		12° R(E) edge pvmt
				41 9		14.5' " bot
				41 9		20' " "
				43 5		22' " Top
				44 2		24' " brk
				43 3		33' " P/L
				43 89	11.8' L(W) edge pvmt	
				43 7	13' " F.L.	
				44 6	33' " P/L	
						544.45 T.P. 7+00
7+68.6				45 45		℄
				45 24		6' R(E) W/A
				44 99		12.2' " edge pvmt
				43 3		15.5' " bot
				43 3		20.5' " "
				45 8		24° " Top
				44 8		26' " brk
				44 4		33 " P/L
				45 36	6' L(W) W/A	
X				45 17	11.8' " edge pvmt	

Profile No. X-Sec. No. Date MAY 20 1959 Notes Red. Date Notes Chkd. S. H. MILLER Plotted Date Checked Job No. 0861.05 Division No. Survey of COVINA STORM DRAIN Survey by STOCK Notes MOODY Date 5-11-59 Map No. Indexed C. JONES Date

F. B. 2545 Pg. 91

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
7+68.6				5450	13' L(W) F.L.	
				457	33' " P/L	
8+36.2				4630		℄
				4623	14' L(W) W/4	Begin Conc. Curb gut & sidewalk West side
				4589	26' " gut edge	
				4575	28' " F.L.	
				4639	" T.cb	
				4654	40' P/L back of walk	
8+68.6				4679		℄
				4661		6 R(E) W/4
				4640		12.2 " edge pvmt
				449		17' " bot
				449		20' " "
				467		23' " Top
				467		33 " P/L
				4645	14' L(W) W/4	
				4631	26' " gut edge	
				4617	28' " F.L.	
				4682	" " T.cb.	
				4707	40' " P/L	

F. B. 2545 Pg. 92 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No.
Survey by STOCK Notes MOODY 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.		℄
9+08.6				547.55		℄
				47.32		6' R(E) W14
				46.99		13 " edge pvm't
				45.5		18.5 " bot
				45.5		21.5 " "
				47.4		25' " TOP
				47.2		33 " P/L
				46.20	14 L(W) W14	
				46.98	26' " gut edge	
				46.78	28' " gut F.L	
				47.43	" " T.cb.	
				47.67	40 " P/L back of walk	
9+48.64				548.10		℄ INT DEXTER AVE.
Fd						
B.M.S.D.#183				548.~~07~~ 06	B.M.S.D.#183 Elev. 548.064 F.B. 2540-14 BARRANCA AVE. & DEXTER ST. W. SIDE, BT. SPK. in CURB 5' S. of ℄ PROD.	

BEGIN PROFILE & X-SECTION DEXTER ST. East ℄ INT. BARRANCA AVE. = 1+00 East.

Profile No. X-Sec. No. Date Notes Red. Date Notes Chkd. S. H. MILLER Date MAY 20 1959 Plotted Date Checked Date Job No. 0861.05 Division No. Survey of COVINA STORM DRAIN Survey by STOCK Notes MOODY Date 5-11-59 Map No. Index [illegible] F. B. 2545 Pg. 93

76L-298 S & E #307—1-56

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F. B. 2345 Pg. 94 Job No. 0861.05 Division No. Profile
Survey of COVINA STORM DRAIN Notes Red Plotted
Survey by Stock Notes Moody Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date Date No. No.

STATION	B. S.	H. I.	F. S.	ELEV.		
						℄
0+20				5494		℄ prod
+60				4830		℄ P/L back of walk
+72				4814		℄ TCB.
+72				4748		℄ gut F.L.
+74				4763		℄ " edge
+86				4768		℄ W/A
1+00				5238 10		℄ INT. BARRANCA AVE.
+06				4792		℄ W/A
+12				4762		℄
1+33				4600		℄ × gut F.L.
1+37				4550		℄
1+42.9				4574		℄
				4574	9' L(N) W/A	
				4633	18' " gut	
				4716	" " TCB	
				479	30' " P/L	
1+43.7				4575		℄
				4560		9' R(S) W/A
				4626		18' " gut
				4689		" " TCB
				471		30' " P/L

76L-298 S & E #307—1-56

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Profile Notes Red_____ Plotted_____ Job No. 0861.05 Division No._____
No._____ Date_____ Date_____ Survey of COVINA STORM DRAIN
X-Sec. Notes Chas. H. Miller Checked_____ Survey by STACK Notes_____ Date 5-11-59
No._____ Date MAY 20 1959 Date_____ Map No._____ Index C. Johnson

F. B. 2345 Pg. 95

STATION	B. S.	H. I.	F. S.	ELEV.		℄
1+83.7				546.90		℄
				46.74		9' R(S) W14
				46.44		18' " gut
				47.02		" " T.cb.
				47.1		30' " P/L
				46.95	9' L(N) W14	
				46.73	18' " gut	
				47.38	" " T.cb.	
				48.0	30' " P/L	
2+83.7				47.22		℄
				47.05		9 R(S) W14
				46.76		18 " gut
				47.40		18 " T.cb
				47.2		30 " P/L
				47.31	9 L(N) W14	
				47.13	18 " gut	
				47.70	" " T.cb.	
				48.2	30 " P/L	

END PROFILE & X-SECTIONS DEXTER ST. EAST RESUME BARRANCA AVE. NORTH.

76L-298 S & E #307—1-56

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F. B. 2545 Pg. 96 | Job No. 0861.05 | Division No. | Notes Red | Date | Plotted | Date | Profile | No.
Survey of Covina Storm Drain | Date | Notes Ckd. | Date | Checked | Date | X-Sec. | No.
Survey by Stock Notes | Date | Notes Ckd. | Date | Checked | Date | No.
Indexed C. Johnson | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	℄
9+49 7'L				548 11	S.S.M.H. Mean Rim ℄ INT
S	548.11			536 27	INVert 18" inlet North
N.	28.1			536 92	INVert 8" inlet East
	548.11			536 19	INVert 18" outlet south
					Mean Rim 548.11 / 10.32 Meas dn / 537.79 / 1.52 Dia / 536.27 INVert.
					Mean Rim 548.11 / 10.50 meas dn / 537.61 / .69 DIA / 536.92 INVert
					Mean Rim 548.11 / 10.40 Meas dn / 537.71 / DIA 1.52 / 536.19
9+78.6				48 55	℄
				48 46	6' R(E) W14
				48 10	12' " edge Pvmt
				47 23	16' " bot
				47 60	21' " "
				47.7	25' " Top
				48.1	33' " P/L
				48 43	14' L(W) W14
				48 19	26' " gut edge
				48 06	28' " " F.L.
				48 31	" " T.cb driveway
				48 91	40' " P/L back of walk
10+18.6				49 14	℄
				49 05	6' R(E) W14
				48 80	12.3' " edge Pvmt

76L-298 S & E #307—1-56

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Profile Notes Red_____ Plotted_____ Job No. 2861.25 Division No._____ F. B. 2545 Pg. 97
No._____ Date_____ Date_____ Survey of Covina Storm Drain
X-Sec. Notes Chkd. H. Miller Checked_____ Survey by Sprecher Notes_____ Date 5-11-59
No._____ Date MAY 20 1959 Date_____ Map No._____ Indexed C. Johnson Date_____

STATION	B. S.	H. I.	F. S.	ELEV.		℄
10+18.6				5469		16' R(E) bot
				469		20' " "
				493		23' " Top
				490		33' " P/L
				4894	14' L(W) W/A	
				4876	26' " gut edge	
				4864	28' " " F.L.	
				4930	28' " T.cb.	
				4954	40' " P/L back of walk	
11+18.6				5051		℄
				5045		6' R(E) W/A
				5019		12' " Pumt edge
				488		17' " bot
				488		21' " "
				500		23' " Top
				501		33' " P/L
				50.40	14' L(W) W/A	
				5014	26' " gut edge	
				4999	28' " " F.L.	
				5061	28' " T.cb	
				5082	40' " P/L back of walk	

X

76L-298 S & E #307—1-56

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F. B. 2345 Pg. 98 | Job No. 0861.05 | Division No. | Notes Red. | Plotted | Profile
Survey at COVINA STORM DRAIN | Date | Date | No.
Survey by STOCK | Notes | Notes Chkd. | Checked | X-Sec.
Indexed C. Johnson | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		℄
10+98.3		North & South view		549.46	Tel M.H. #92-C 15.9' R(E)	Mean Rim 549.46 Meas dn 5.43 Top 544.03 1.16 bot. 542.87
549.43 N. Rim		2.28		544 03	top 14" x 14" Conduit North	
549.49 S. Rim		14" 14" 3.15		542 87	bot. " x " " "	
549.46 Mean Rim				544 03	top 14" x 14" " South	
7' N&S bot. view 4' E&W				542 87	bot. " x " " "	
11+50.2				550 63		℄
				5051		6' R(E) W14
				5047		12' " Pvmt edge
				486		17 " bot
				486		21 " "
				493		25 " Top
				503		33 " P/L
				5063	14' L(W) W14	
				5045	26' " gut edge	
				5037	28' " " F.L.	
				5033	28 " T.cb. driveway	
				5115	40 " P/L back of walk	
12+42' N. Rim 552.05 S. " 552.07 mean 552.06		Mean Rim 552.06 Meas dn 10.35 541.71 DIA 1.52 Invert 540.19		552.06	S.S.M.H.	℄ Mean Rim Mean Rim 552.06 Meas dn 10.30 541.76 DIA 1.52 Invert 540.24
				540 24	Invert 18" inlet North	
				540 19	" " outlet South	

76L-298 S & E #307—1-56

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Profile Notes Rod____ Plotted____ Job No. 256.05 Division No.____
No.____ X-Sec. Date____ Date____ Survey of COVINA STORM DRAIN
No.____ Notes Chkd. H. Miller Checked____ Survey by Steck Notes____ Date 5-11-59
Date____ Date MAY 20 1959 Map No.____ Indexed C. Johnson Date____

F. B. 2345 Pg. 99

STATION	B. S.	H. I.	F. S.	ELEV.		
12+50.2				55219		℄
				5217		6' R(E) W/L
				5197		12'" " edge pvmt
				506		16 " bot
				506		20 " bot
				520		23 " Top
				518		33' " P/L
				5186	14' L(W) W/L	
				5165	26' " gut edge	
				5152	28' " " F.L.	
				5217	28' " T.Cb.	
				5244	40' " P/L back of walk	
12+90.2				5258		℄
				5257		6 R(E) W/L
				5238		12' " edge pvmt
						" bot
					driveway	" "
						" Top
				524		33' " P/L
				5240	14' L(W) W/L	
				5214	26' " gut edge	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	℄
12+90.2				552.00	28 L(W) gut F.L.
				52.67	28 " Tcb
				52.92	40 " P/L back of walk
13+47.5'	Mean 553.19			553.19	S.S.M.H. on ℄ Mean Rim
N.Rim 553.19	Meas dn 9.99			541.73	Invert 18" inlet North
S. " 553.18	top 543.20			541.67	Invert 18" outlet South
Mean 553.19	DIA 1.53			542.75	Invert 8" inlet stub west.
	Invert 541.67				
	Mean Rim 553.19				
	Meas dn 9.76				
	top 543.43				
Fd.	DIA 0.68				
B.M. S.D. #182	Invert 542.75			554.~~10~~ 12	B.M. S.D. #182 Elev. 554.124 F.B. 2540-14
					Barranca Ave & Al grove St., N.W. cor., B.spk. in
					Curb 5' Ft. W. of W. end. C.R.
13+55.20				553.26	℄ Int.
Begin Profile & Cross of Algrove St. West.					
Int. Barranca Ave & Algrove St. = 13+55.20 N ℄ = 1+00 W.					
0+50				534	℄
0+67				534	℄ P/L
0+77				536	℄ top
0+80				520	℄ bot
0+84				520	℄ bot.
0+87				530	℄ brk

Mean Rim 553.19
9.93 Meas dn
543.26 top
DIA 1.53
Invert 541.73

Profile
Plotted
Date
No.
X-Sec.
Checked
Date
No.
Notes Red
Date
Notes Chkd
Date
Division No.
Job No. 0861 05
Survey of COVINA STORM DRAIN
Survey by STOCK
Notes
Indexed C. Johnson
Date
F. B. 2545 PG. 100

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
0+88				553 21		℄ edge Pvmt.
0+94				53 34		℄ W/4
1+00				53 26		℄ int.
1+25.1'				52 92		℄ E. edge X gut
1+28.1'				52 84		℄ F.L. " "
1+31'				52 93		℄ W. edge " "
1+75.0				553 63		℄
				53 64		9' R.(N) W/4
				53 59		16' " edge gut.
				53 49		18' " F.L "
				54 13		" " t.cb
				54 40		30' " P/L
1+75.0'				53 33	9' L(S) W/4	
				53 11	16' " edge gut.	
				52 97	18' " F.L "	
				53 61	" " t.cb.	
				53 83	30' " P/L	
2+15.0'				53 76		S.T. 1.8' R(N) = ℄ Pvmt
				53 77		
				53 80		10.8 R.(N) W/4
				53 65		18.6 " edge gut.
X				53 58		19.8 " F.L "

Profile Notes Red ____ Plotted ____ Job No. 0861.05 Division No. ____ F. B. 7545. Pg. 101
No. ____ Date ____ Date ____ Survey of Covina Storm Drain
X-Sec. Notes Chk. S. H. MILLER Checked ____ Survey by Stock Notes Moody Date 5-11-59
No. ____ Date MAY 20 1959 Date ____ Map No. ____ Index ____ C. Tab ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
2+15.0				55423		19.8 R(N) t.cb.
				55450		32 " P/L
2+15.1'				5349	7.2' L(S) W/4	
				5317	15.3 " edge gut.	
				5305	16.5 " F.L. "	
				5369	16.5 " t.cb.	
				5392	28' " P/L	
3+15.0'				5403		℄
				5405		9' R(N) W/4
				5396		17' " edge gut.
				5381		18' " F.L. "
				5448		" " t.cb.
				5476		30' " P/L
3+15.1'				5375	9' L(S) W/4	
				5351	17' " edge gut.	
				5342	18' " F.L. "	
				5405	" " t.c.b.	
				5430	30' " P/L.	

end Profile & Cross Section of Al grove st.
Resume " & " " " Barranca Ave

F. B. 2545 Pg. 102
Job No 086105 Division No. Notes Red. Plotted Profile
Survey of Covina Storm Drain Date Date No.
Survey by Stack Notes Moody 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.		℄
13+55.20				553.25		℄ int.
14+20.2				554.27		℄
				554.19		6' R(E) W/4
				553.96		12' " edge Dirt
				554.4		13 " brk
				552.7		16 " bot.
				552.7		20 " "
				554.8		23 " top
				554.2		33 " P/L
						℄
				554.03	14' L(W) W/4	
				553.87	26' " edge gut.	
				553.78	28' " F.L. "	
				554.42	" " t.cb.	
				554.72	40' " P/L back of walk	
14+60.2				554.88		℄
				554.63	14' L(W) W/4	
				554.47	26' " edge gut.	
				554.34	28' " F.L. "	
				554.99	" " t.cb.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 086105 Division No. ____ F. B. 5545 Pg. 103
X-Sec. No. ____ Date ____ Date ____ Survey of Covina Storm Drain
Notes Chkd. S. H. MILLER Checked ____ Survey by ____ Notes ____ Date 5-11-59
Date MAY 20 1959 Date ____ Map No. ____ Index [redacted] C. Job [redacted]

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℞
14+60.2'				555.27	40' L(W) P/L back of walk	
15+00				555.52		℞
				555.46		6' R(E) W/4
				555.18		12' " edge Pvm't.
				555.0		13 " brk.
				553.7		17 " bot.
				553.7		20 " bot.
				555.8		24 " top
				555.2		33' " P/L
15+34.4'	N. Rim	556.04		556.05	S.S.M.H. on ℞	556.05 Mean Rim Elev.
	S. Rim	556.05		544.42	Invert 18" Inlet North.	10.10 Meas. Dn.
	Mean "	556.05		544.35	Invert 18" outlet South	545.95
						1.53 dia.
						544.42 Invert.
15+41.1'	Mean Elev	556.05		556.16		℞
	Meas. Dn	10.17		556.01	6.1' L(W) W/4	
		545.88		555.79	12.3' " edge Pvm't.	end 5' conc. walk, 2' " gut. & cb
	dia	1.53		555.66	28' " " gut.	
		544.35		555.47	30' " F.L "	
				556.11	" " T.Cb	
				556.47	40' " P/L Back of walk	

F. S. 2545 Pg. 104 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of Covina Storm Drain Date Date No.
Survey by Stock Notes Moody Notes Chkd. Checked X-Sec.
Lev. C. Johnson Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℞
15+60				556.43		℞
				556.20	6' L(W) W/4	
				555.90	12.3' " Edge Pvmt.	
				555.8	15 " bot.	
				555.8	18 " top	
				556.0	33 " P/L	
15+60						℞
				556.37		6' R(E) W/4
				556.08		12' " Edge Pvmt
				555.8		14 " brk
				554.4		17 " bot.
				554.4		20 " "
				556.4		23 " top
				556.1		33' " P/L
					~~6' L(W) W/4~~	
					~~12.3' " Edge Pvmt~~	
					~~15 " bot.~~	
					~~18 " top~~	
					~~33' " P/L~~	
16 + 48.4				557.66		℞
				557.60		6' R(E) W/4

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2861.05 Division No. ____ F. B. 2545 Pg. 105
X-Sec. No. ____ Date ____ Date ____ Survey of Covina Storm Drain
Notes Chkd. S. H. MILLER Checked ____ Survey by Stock Notes Moody Date 5-11-59
Date MAY 20 1959 Date ____ Map No. ____ Indexed C. Jordan

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
16+48.4'				557.38		12.1' R(E) edge Pvmt
				557.2		14 " brk
				555.6		16 " bot.
				555.6		20 " "
				557.1		23 " top
				557.0		33' " P/L
				557.50	6.1' L(W) W/4	
				557.20	12.2' " edge Pvmt	
				556.5	17 " bot F.L.	
				557.3	20 " top	
				557.5	33' " P/L	
17+00						~~℄~~
						~~6.1' R(E) W/4~~
						~~12.2' " edge Pvmt.~~
						~~" brk~~
						~~" bot.~~
						~~" bot.~~
						~~" top~~
						~~33' " P/L~~

X

F. B. 2545 Pg. 106 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of Covina Storm Drain Date Date No.
Survey by Stock Notes Moody 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.	℄	
17+00					~~6' L.(W) W/4~~	
					~~12' " edge Pvm't.~~	
					~~" brk~~	
					~~" bot.~~	
					~~" top~~	
					~~33' " P/L~~	
17+48.4'				559.85	℄	
				559.80		6.1' R.(E) W/4
				559.60		12.2' " edge Pvm't.
				559.6		" brk
				557.1		" bot.
				557.1		" bot.
				559.8		" top
				558.7		33' " P/L
				559.74	6.1' L.(W.) W/4	
				559.60	12.1' " edge Pvm't.	
				559.4	" brk	
				558.3	" bot.	
				559.3	" top	
				558.6	33' " P/L	

Profile No. X-Sec. No. Date Notes Chkd. S. H. MILLER Date MAY 20 1959 Plotted Date Checked Date Job No. 0861.05 Division No. Survey of Covina Storm Drain Survey by Notes Date Map No. Indexed C. Johnson

F. B. 7545 Pg. 107

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.		℄
17+65.3'				560.21		℄
				560.30		7' R(E) W/4
				560.30		14' " top Rock Headwall
				555.35		15' " " " bot.
17+65.8'				557.98		" Rock Headwall
				559.03		" " " top
				559.4		33' " P/L
17+68.6				553.15	Bot.	19.6' R(E) invert, 36" Armco Drain out let
17+78.3'				560.51		℄
				560.50		8' R(E) W/4
				560.39		16' " Join Pvmt
				560.32		" brk
				559.61		" bot.
				560.47		" top (edge Pvmt)
				559.9		" bot. (ground)
17+88.4'				560.94		℄
				560.92	7.5' L(W) W/4	
				560.77	15' " edge Pvmt.	
				559.3	" bot.	

F. S. 25.15 Pg. 108 Job No. 0861.05 Division No. Notes Red Plotted Profile
Survey of Covina Storm Drain Date Date No. X-Sec.
Survey by Stack Notes Moody Notes Chkd Checked
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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Profile No. X-Sec. No. Notes Red. Date Plotted Date Checked Date MAY 20 1959 Job No. 8861-05 Division No. Survey of Surveyed by Stock Notes Inked Date 5-59 Map No. F. B. 2545 Pg. 109

STATION	B. S.	H. I.	F. B.	ELEV.	
					℄ 561.52 Top E. H.W.
17+88.9'				560.7	L(W) to P
				559.9	33' P/L
17+94.3'				561.15	℄
				561.54	16° L(W.) top conc. Headwall
					18° " Invert 18" I.P. Drain outlet
17+94.9'				561.88	21° " T.C.b. Broken
17+97.0'	N. Rim = 561.20			561.19	Mean Rim Elev. 13.0' R(E) tel. M.H.# None
	S. Rim = 561.17				* See Pg. #139 For Data on Tel. M.H.
	Mean Rim 561.17				
18+00				561.38	℄
18+16.8'	N. Rim 562.00			562.01	Mean Rim Elev. S.S.M.H. 1' L.(W)
	S. Rim 562.01				* See Pg #140 For Data on " "
	Mean Rim 562.01				
18+27.93'				562.00	℄ Int. Barranca Ave & Badillo St.
	Begin Profile & cross section of Badillo St. west 18+27.93 N. = 0+00 W.				
				✓ 561.75	✓ BM. 17-7 ELEV. 561.75 (1952 ADJ) F.B. 1381-114 Near the int. of Badillo St. & Barranca St. 100' Ft. N. & 10 Ft. E. of ℄, in a well Protected by a cast iron cover a Sto. Co. Sur. Bm. Mon. Marked "B.M. 17-7 1952 R.E. 63 Set in Conc. 18" Below The Surface
FD. B.M.# 17-7					
Y					

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+00				562.00		℞ going west.
0+39 7				562.11		℞
				562.24		10.5' R.(N) W/4
				562.29		21' " gut.
				562.41		" " t.cb.
				562.60		33' " P/L back
				561.94	10.5' L(S) W/4	
				561.62	21' " gut.	
				561.69	" " t.c.b.	
				561.95	33 " P/L back walk	
0+79 7				561.85		℞
				562.00		10.5' R.(N) W/4
				561.85		21' " gut.
				562.11		" " t.c.b.
				562.25		33' " P/L
				561.61	10.5' L(S) W/4	
				561.25	21' " gut.	
				561.41	" " t.cb.	
				561.67	33' " P/L	

F. B. 2545 Pg. 110 Job No. 0861.05 Division No. Notes Red Plotted Profile
Survey of Covina Storm Drain Date Date No. X-Sec.
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B.M. = 561.75

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
1+79.7				561.30		℄
				561.40		10.5' R.(N) W/4
				561.28		21' " gut.
				561.57		" " t.cb.
				561.79		33' " P/L
				561.00	10.5' L(S) W/4	
				560.62	21' " gut.	
				560.90	" " t.cb.	
				561.11	33' " P/L	

End Profile & cross section Badillo St west.
Begin " & " " " East
18+27.93 N. = 0+00 East.

0+00				562.00		℄ int going east.
0+56.5'				61.07		℄
				60.89		11.2' R.(S) Join Pvmt.
				60.16		26.6' " F.L. "
				60.84		36.4' " brk "
				60.1		44' " P/L

Profile No. X-Sec. No. Date Notes Chkd. S. H. MILLER Date MAY 20 1959 Notes Red. Date Plotted Checked Date Job No. 2861.05 Division No. Survey of Covina Storm Drain Survey by Hoel Notes Moody Date 5-12-59 Map No. Index No. C. Johnson

F. B. 23415 Pg. 111

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+73.9'				60 78		℄
				60 70	20' L(N) W/4	
				60 10	38 " edge gut.	
				59 94	40' " F.L. "	
				60 62	" " t.cb.	
				60 76	44' " P/L on walk	
0+90.5'				60 64		℄
				60 52		11' R(S) Join Pr mt
				60 14		20' " F.L. "
				60 86		28.2' " brk "
				59 9		44' " P/L
0+94.7'				60 07	36' L(N) edge gut.	catch Basin outlet
				59 47	40' " F.L. "	
				60 37	" " t.cb	
1+05.9'				60 07	36' L(N) edge gut.	
				59 46	40' " F.L. gut.	
				60 37	" " t.cb.	
1+13.9'				60 53		℄
				60 42	20' L(N) W/4	

F. B. 2545 Pg. 112
Job No. 086105 Division No. Notes Red. Plotted Profile
Survey of Covina Storm Drain Date Date No. X-Sec.
Survey by Stock Notes Moody Notes Chkd. Checked
Indexed C. Johnson Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	℄
1+13.9'				60 04	38' L(W) edge gut.
				59 72	40' " F.L. "
				60 37	" " t.c.b.
				60 54	44 " P/L Parkway
1+84.8'	E. Rim = 560.75			60 59	℄
	W. Rim = 560.75				
	Mean Rim = 560.75			560.75	M.W.D. M.H. on ℄ Sealed
[illegible]				60 69	
				60 65	70' L(W) W/4
				60 17	38' " edge gut.
				60 03	40' " F.L. "
				60 67	" t.c.b.
				60 86	40' " P/L Parkway
	End Profile & cross section of Badillo St. East				
	Resume " & " " " Barranca Ave North				
18+27.93				562 00	℄ Int.
18+56.9'				62 13	℄
				62 07	10.5' L(W) W/4
				62 02	21.15' " gut.

Profile Notes Red ____ Plotted ____ Job No. 0861.05 Division No. ____ F. B. 2575 Pg. 113

No. ____ Date ____ Date ____ Survey of Covina Storm Drain

X-Sec. Notes Chkd. S. H. MILLER Checked ____ Survey by Stock Notes Mood Date 5-17-59

No. ____ Date MAY 20 1959 Date ____ Map No. ____ Indexed A. C. Johnson Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
18+56.9'				5269	21.5' L.(W) + Cb.	
18+5[illegible]	N. Rim	61.79		561.21	Mean Rim Elev.	43.0' R.(E) S.S. M.H.
	S. Rim	61.23		548.50	Invert 22" outlet West	561.21 Mean Rim Elev.
Mean	Rim	561.21		548.47	Invert 22" Inlet East	10.93 Meas. Dn.
	Mean R.E.	561.21				550.28
18+59.3'	Meas. Dn.	10.88				1.81 Dia.
		550.33				548.47
	Dia.	1.83		6214	18.8' L(W) Center Head wall	
		548.50		6019	" " Invert 18" I.P. Drain inlet	
18+69.5'				6106	S.W.	35.5' R(E) Iron Drain cover
				6105	S.E.	
				6097	N.E	
				6096	N.W.	
18+66.9				6215		
				6191	10.5' L.(W) W/4	
				6046	21.1' " FL gut.	
				6254	" " top wall	
				625	22' " ground	
				630	33' " D/L	
19+06.9				6253		
				6245	10.5' L.(W) W/4	
				6120	21.1' " FL. gut.	
				6325	" " top wall	

F. B. 2545 Pg. 114 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of Covina Storm Drain Date Date No. X-Sec.
Survey by Stock Notes Moody Notes Chkd. Checked Date No.
Indexed C. Johnson Date Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		℄
19+06.9				563.0	22' L (W) ground	
				562.7	33' " P/L	
19+05.4'				62.15		15' R(E) W/4
				61.67		26' " edge gut.
				62.56	catch	30' " F.L. "
				62.05	Basin	" " t.c.b.
19+16.6'				62.13	inlet	15' R(E) W/4
				61.80		26' " edge gut.
				61.29		30' " F.L. "
				62.18		" " t.c.b.
19+51.6				63.18		℄
				62.67		15' R(E) W/4
				62.48		27.0' " edge X gut.
				62.23		30.0' " F.L. " "
				62.46		33' " edge " "
				62.56		37' " " gut.
				62.49		39' " F.L. "
				63.02		" " t.c.b.
				63.34		40' " P/L Parkway
X9 ± 92.8				564.08	Mean Rim Elev.	51.7' R(E) S.S.M.H.
				554.11	Invert 6" outlet West	

Inlet on S.S.M.H. is a Flushing Type

564.08 Mean Rim Elev.
9.45 Meas. Dn.
554.63
.52 Dia.
554.11

E. Rim 64.10
W. Rim 64.06
Mean Rim 564.08

Profile No. X-Sec. No. Date Notes Red. Date Plotted Date Notes Checked S. H. MILLER Date MAY 20 1959 Job No. 086106 Division No. Survey of Covina Storm Drain Survey by Notes Checked Date Map No. Index [illegible] C. Johnson Date 5-12-59

F. B. 2545 Pg. 115

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
20+00				56394		℄
				6346		15' R.(E) W/4
				6339		27' " edge x gut
				6312		30' " F.L. " "
				6336		33 " edge " "
				6348		37 " " gut.
				6344		39 " F.L. "
				6393		" " t.ob.
				6425		40' " P/L
20+069				6403		℄
				6382	10.5' L(W) W/4	
				6306	21.1' " F.L. gut.	
				6510	" " top wall	
				642	22 " ground	
				644	33' " P/L	
20+596				6471		℄
				6431		15' R.(E) W/4
				6416		27' " edge x gut.
				6396		30' " F.L. " "
				6415		33' " edge " "
				6438		37' " " gut X

F. B. 2545 Pg. 116 Job No. 0861.05 Division No. Notes Red. Plotted Profile
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Survey by Stock Notes Moody Notes Chkd. Checked
Indexed C. Johnson Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
20+59.6'				56435		39' R(E) F.L. gut
				6486		" " T.C.b.
				6506		40' " P/L
21+00				6557		℄
				6521		15' R.(E) W/4
				6506		27.0' " edge X gut
				6479		30' " F.L. " "
				6490		33 " edge "
				6511		37 " " gut.
				6507		39' " F.L. "
				6558		" " T.C.b.
				6581		40' " P/L
				6535	10.5' L.(W) W/4	
				6469	21' " F.L gut.	
				6676	" " top wall	
				659	22' " ground	
				660	33' " P/L	
21+50				6652		℄
21+91.4				6728		℄
				6683		15' R(E) W/4
X				6652		27.0' " edge X gut.

Profile Notes Red. Plotted Job No. 086105 Division No.
No. Date Date Survey of Covina Storm Drain
X-Sec. Notes Chkd. S. H. MILLER Checked Survey by Notes Date
No. Date MAY 20 1959 Date Map No. Index C. Jo[illegible]

F. B. 234 Pg. 117

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
21+91.4				56634		30' R(E) F.L. X gut.
				6649		33' " edge " "
				6675	℄	37' " " gut
				6675	School	39' " F.L. "
				6685	Drive	42' "
22+00				6743		℄
				6703		15' R(E) W/4
				6670		37' " edge X gut
				6648		30' " F.L. " "
				6668		33' " edge " "
				6689		37' " " gut.
				6691		39' " F.L. "
				6645		" " T.C.O
				6749		40' " P/L
				6715	10.5' L(W) W/4	
				6650	21' " F.L. gut.	
				6861	" " top wall	
				681	22' " ground	
				679	33' " P/L	
22+09.5'	E. Rim 67.92			567.92	Mean Rim Elev.	51.5' R(E) S.S.M.H.
	W. Rim 67.92					
	Mean Rim 567.92			564.62	Invert 6" outlet West	

Inlet on S.S. M.H. is a Flushing Type

567.92 Mean Elev.
2.80 Meas. Dn.
565.12
.50 Dia.
564.62

F. B. 2545 Pg. 118 Job No. 0861.05 Division No. Notes Red Plotted Profile
Survey of Covina Storm Drain Date Date No. X-Sec.
Survey by Stack Notes Moody Notes Chkd Checked
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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
22+36⁶	N. Rim. 68.04			568.02	S.S.M.H. on ℄	Mean Rim Elev.
	S. Rim. 68.02			554.67	Invert 16" Outlet North	568.02 Mean Elev.
	Mean Rim. 568.03			554.63	Invert 16" Inlet South	12.06 Meas. Dn.
						555.96
						1.33 Dia.
						554.63
22+50		568.03 Mean Elev.		568.22		℄
22+98⁰		12.05 Meas. Dn.		68.72		37' R(E) edge gut.
		555.98		68.70	E.C.R.	39' " F.L. "
		1.31 Dia		69.24		" " t.cb.
		554.67				
23±00				69.01		℄
				68.75		15' R(E) W/4
				68.49		27' " edge X gut
				68.28		30' " F.L. " "
				68.47		33' " edge " "
				68.78		37⁸ " " gut
				68.81		39⁶ " F.L. "
				69.33		" " t.cb
				68.66	10⁵' L(W) W/4	
				68.27	21.1' " F.L. gut.	
				70.25	" " top wall	
				69.5	22' " ground	
				69.5	33' " D/L	

X

Profile No. X-Sec. No. Date MAY 20 1959 Notes Red. Date Notes Chkd. S. H. MILLER Plotted Date Checked Date Job No. Survey of Carina Storm Drain Survey by Notes Date 5-12-59 Map No. Index S. C. Johnson Division No. F. B. 7545 Pg. 119

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
23+50				569 84		℄
23+52.7'				69 37		28' R(E) edge gut
				69 22	E.C.R	30' " F.L. "
				69 84		" " T.C.b.
24+00				70 79		℄
				70 45		15' R(E) W/4
				70 16		28' " edge gut.
				69 99		30' " F.L. "
				70 58		" " T.C.b.
				70 78		40' " P/L back of walk
				70 39	10.6' L(W) W/4	
				69 84	21.2 " F.L. gut.	
				71 23	" " top wall	
				70 9	22' " ground	
				70 9	33' " P/L	
24+57.7'				71 85		℄
				71 47		15' R(E) W/4
				71 14		28' " edge gut.
				70 99		30' " F.L. "
				71 64		" " T.C.b.
				71 82		40' " P/L back of walk

F. B. 2545 Pg. 120 Job No. 0861.05 Division No. Notes Red Plotted Profile
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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+57.7				571 47	10.5' L (W) W/4	
				70 97	21' " gut	
				73 32	" " top wall	
				72 03	22' " ground	
				71 7	33' " P/L	
25+57.7'				73 50		℄
				73 14		15' R(E) W/4
				72 81		28' " edge gut.
				72 67		30' " F.L. "
				73 29		" " T.Cb.
				73 49		40' " P/L back of walk
				73 22	10.5' L (W) W/4	
				72 57	21.1' " F.L. gut.	
				73 46	" " T.Cb.	
				73 3	33' " P/L	
25+97.7				74 14		℄
				73 77		15' R(E) W/4
				73 46		28' " edge gut.
				73 33		30' " F.L. "
				73 98		" " T.Cb.
				74 18		40' " P/L back of walk
				73 73		10.5 L (W) W/4
				73 21		21.2' " gut
				74 09		" " T.Cb.
				74 0		33' " P/L

Profile Notes Red ____ Plotted ____ Job No. 088105 Division No. ____ F. B. 7545 Pg. 121

No. X-Sec. Date ____ Date ____ Survey of Covina Storm Drain

Notes Chkd. S. H. MILLER Checked ____ Survey by [illegible] Notes Moody Date 5-12-59

No. ____ Date MAY 20 1959 Date ____ Map No. ____ Indexed [illegible] C. Johnson

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
F.O. BM.S.D.# 151				574 52	BM.S.D.#151 Elev. 574.523, F.B. 2540-11 Barranca Ave & Italia St., E. side, Bt. SPK in E. curb. 5' Ft. S. of ℄ Prod.	
26+37.43				74 78		℄ Barranca Ave Int. & Italia St.
Begin Profile & Cross Section of Italia St. west. Int. = 26+37.43 = 1+00 west.						
0+00				76 72		℄ School Ground
0+18²				75 92		℄ t.cb.
0+11				75 48		℄ gut.
0+57⁶				74 92		℄ edge Rim't
0+60'				74 78		℄ P/L
0+70'				74 58		℄ t.cb.
0+70'				73 94		℄ F.L. gut.
0+72'				74 11		℄ edge gut.
0+85'				74 51		℄ W/4
1+00				74 78		℄ int.
1+10				74 44		℄ W/4
1+21				74 13		℄ X-gut
1+46				74 70		℄

F. B. 2545 Pg. 122 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of Covina Storm Drain Date Date No.
Survey by Stack Notes Moody 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.		℄
1+46.4				74 75		7.5' R(N) W/4
				74 61		15 " gut
				74 96		" " T.cb.
				74 8		33 " P/L
				74 51	7.5' L(S) W/4	
				74 08	15' " gut	
				74 43	" " T.cb	
				74 2	33 " P/L	
1+86.4				74 30		℄
				74 37		7.5' R(N) W/4
				74 11		15' " gut
				74 60		" " T.cb
				74 5		33 " P/L
				74 02	7.5' L(N) W/4	
				73 65	15' " gut	
				74 17	" " T.cb	
				73 9	33 " P/L	
2+86.4				73 47		℄
				73 52		7.5' R(N) W/4

Profile No. X-Sec. No. Notes Red. Date Plotted Date Notes Chkd. S. H. Miller Checked Date MAY 20 1959 Job No. 086105 Division No. Survey of Covina Storm Drain Survey by Stock Notes Moat Date 5-12-59 Map No. Index C. Jones F. B. 73515 Pg. 173

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

(73.47)

F. B. 3345 Pg. 124 Job No. 086105 Division No. Profile No. X-Sec. No.
Survey of COVINA STORM DRAIN Notes Red. Date Plotted Date
Survey by STOCK Notes MOODY Notes Chkd. Date Checked Date
Inde[illegible] C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.		℄
2+86.4				573.32		15' R(N) gut
				73.80		" " TCb
				74.1		33 " P/L
				73.28	7.5' L(S) W/A	
				72.87	15' " gut	
				73.35	" " T.Cb	
				73.99	33 " P/L	
Fd B.M.S.D.151				574.52	B.M.S.D. 151. Elev 574.523 F.B. 2540-11 BARRANCA AVE & ITALIA ST. E. SIDE. Bt SPK IN E. CURB 5'S. OF ℄ PROD.	
END PROFILE & CROSS SECTIONS ITALIA ST. WEST. RESUME BARRANCA AVE. NORTH						
26+37.7	574.79 Mean Elev. 12.82 Meas. Dn. 561.97 .73 Dia. 561.24			574.79	S.S.M.H. Mean Rim Elev	℄
	S. Rim 74.78			560.39	Invert 16" Inlet North	574.79 Mean Elev. 13.08 Meas. Dn. 561.71 1.32 Dia. 560.39
	N. Rim 74.80			560.33	Invert 16" Outlet South	
	mean 74.79			516.24	Invert 9" Inlet East.	574.79 Mean Rim Elev. 13.14 Meas. Dn. 561.65 1.32 Dia. 560.33 X

76L-298 S & E #307—1-56

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Profile Notes Red. Plotted Job No. 2861.25 Division No. 2545 Pg. 125
No. X-Sec. Date Survey of COVINA STORM DRAIN
Notes Chkd. H. MILLER Date Checked Survey by STAFF Notes MARK Date 5-12-59
No. Date MAY 20 1959 Date Map No. Index C. Jackson

STATION	B. S.	H. I.	F. S.	ELEV.		℄
26+76.4				675 38		℄
				75 00		15 R(E) W14
				74 63		28 " gut edge
				74 42		30 " " F.L.
				75 07		30 " T.cb.
				75 27		40 " P/L
				75 12	10.6 L(W) W14	
				74 91	19.2 " gut edge	
				74 74	21.2 " " F.L.	
				75 19	" " T.cb	
				74 79	33 " P/L	
27+16.4				75 94		℄
				75 53		15' R(E) W14
				75 10		28' " gut edge
				74 93		30' " " F.L.
				75 58		" " T.cb
				75 77		40 " P/L
				75 65	10.6 L(W) W14	
				74 87	19.2 " gut edge	
				74 67	21.2 " " F.L.	
				75 62	" " T.cb.	

76L-298 S & E #307—1-56

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NOTE: ANY [illegible]NS OR CHANGES ON THIS [illegible] BE MADE OR CIRCLED IN [illegible] WITH DATE AND NAME OF [illegible] MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	[illegible] S.	ELEV.		℄
27+16.4				75 3	33' L(W) P/L	
28+16.4				77 12		℄
				76 70		15' R(E) W/4
				76 33		28' " gut edge
				76 17		30' " " F.L.
				76 80		" " T.cb.
				77 01		40 " P/L back of walk
				76 55	14' L (W) W/4	
				76 00	26' " gut edge	
				75 88	28' " " F.L.	
				76 71	28' " T.cb	
				77 00	40' " P/L back of walk	
28+61.9				77 69		℄
				77 22		15' R(E) W/4
				76 88		28' " gut edge
				76 72		30' " " F.L.
				77 34		" " T.cb
				77 57		40 " P/L
				77 01	14 L(W) W/4	
				76 63	26 " gut edge	
				76 52	28 " " F.L.	

X

F. B. 2545 [illegible]26 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STOCK Notes MOODY Notes Chkd. Checked
Index [illegible] 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.	℄
28+61.9				577 32	28' L(W) T.cb
				77 53	40' " P/L back of walk
29+29.68					℄ INT. SCHOOL ST.
Fd					
B.M.S.D #152				578 49	B.M.S.D #152 Elev. 578.492 F.B. 2540-11 BARRANCA AVE. & SCHOOL ST., N.W. COR., BT SPK IN CURB 6' N. OF N. END C.R.
BEGIN PROFILE & CROSS SECTIONS SCHOOL ST. WEST ℄ INT. BARRANCA AVE. = 1+00 WEST.					
0+00				579 58	℄ Produced
0+67.1				77 64	℄ E. edge Conc X-gut
0+70.1				77 45	℄ & ℄ F.L. " "
0+73.1				77 60	℄ W. edge " "
0+85				78 13	℄ W/4
1+00				78 37	℄ INT BARRANCA AVE.
1+14				77 78	℄ W/4
1+25				77 16	℄ E. edge Conc X-gut
+28				77 07	℄ F.L. " " "
+31				77 16	℄ W. edge " " "
1+74.5				77[illegible]	℄

Profile No. X-Sec. No. Notes Red. Date Plotted Date Notes Chk. S. H. MILLER Checked Date MAY 20 1959 Job No. 0861.05 Division No. Survey of COVINA STORM DRAIN Survey by STOCK Notes MOODY Date 5-12-59 Map No. Index [illegible] C. Jo[illegible]

F. B. 2545 Pg. 187

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	℄	
1+74.5				577 66	9 L(S) W14	
				77 43	16 " gut edge	
				77 38	18 " " F.L.	
				78 02	" " T.cb	
				78 2	30 " P/L back of walk	
1+76.9				77 71	℄	
				77 63		9 R(N) W14
				77 35		16 " gut edge
				77 27		18 " " F.L.
				77 93		" " T.cb
				78 00		30 " P/L back of walk
2+16.9				77 52	℄	
				77 38		9 R(N) W14
				77 04		16 " gut edge
				76 97		18 " " F.L.
				77 65		" " T.cb
				77 75		30 " P/L
				77 46	9 L(S) W14	
				77 30	16 " gut edge	
				77 20	18 " " F.L.	X

F. B. 2545 PG. 128 Job No. 0861.05 Division No. Notes Red Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by C. STOCK Notes MOODY Notes Chkd Checked
Indexed 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+16.9				577 88	18' L(S) T.Cb	
				78 01	30 " P/L	
3+16.9				75 50		℄
				75 38		9 R(N) W/4
				75 19		15 " edge gut
				75 07		18 " F.L. "
				75 71		" " T.Cb.
				75 89		30 " P/L
				75 41	9' L(S) W/4	
				75 22	16' " gut edge	
				75 08	18' " " F.L.	
				75 76	18' " T.Cb	
				75 95	30' " P/L	
	END PROFILE & CROSS SECTIONS SCHOOL ST. WEST RESUME BARRANCA AVE. NORTH					
29+96.5				578 95		℄
				78 94		5.5' R(E) W/4
				78 70		11.0' " Pvmt edge
				78 2		21' " bot wall
				80 2		" " Top "

X

Profile Notes Red. Plotted Job No. 0861.05 Division No. F. B. 2545 Pd. 129
No. Date Date Survey of COVINA STORM DRAIN
X-Sec. Notes Chkd. S. H. Miller Checked Survey by STOCK Notes MOODY Date 5-12-59
No. Date MAY 20 1959 Date Map No. Index [illegible]

76L-298 S & E #307—1-56

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F. B. 2345 Pg. 130 Job No. 2861.05 Division No. Notes Red Date Plotted Date Profile
Survey of COVINA STORM DRAIN No. Date X-Sec.
Survey by Stock Notes Moody Notes Chkd. Checked
Indexed C. Johnson Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		℄
29+96.5				5798		33' R(E) P/L
				7847	14' L(W) W/4	
				7777	26' " gut edge	
				7767	28' " " F.L.	
				7848	" " T.cb	
				7872	40' " P/L back of walk	
30+36.5				7926		℄
				7919		5.5' R(E) W/4
				7892		11.0 " edge pvmt
				7857		21 " bot Wall
				7997		" " Top "
				7880		33 " ℄
				7819	14' L(W) W/4 -	
		579.47 Mean Elev.		7807	26' " gut edge	579.47 Mean Elev.
		11.49 Meas. Dn.		7887	28' " " F.L.	11.36 Meas. Dn.
		567.98		7911	" " T.cb	568.11
		1.33 Dia.			40' " P/L back of walk	1.32 Dia
		566.65				566.79
30+77.1				579.47	S.S.M.H. on ℄	mean Rim
	N. Rim = 579.47			566.79	Invert 16" Inlet North	
	S. Rim = 579.47			566.65	Invert 16" outlet South	
	Mean " = 579.47					

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
31+36.5				579 86		℄
				79 78		5.5' R(E) W14
				79 52		11' " edge pvmt
				79 6		21' " bot @ wall
				81 27		" " Top of "
				81 1		33 " P/L
				79 52	14' L(W) W14	
				78 95	26' " gut edge	
				78 85	28' " " F.L.	
				79 66	" " T.cb	
				79 91	40' " P/L	
32+34.0				80 86		℄
				80 70		5.5' R(E) W14
				80 45		11' " edge pvmt
				80 2		21 " bot @ wall
				82 10		" " Top of "
				82 5		33 " P/L
				80 15	14' L(W) W14	
				79 70	26' " gut edge	
				79 62	28' " " F.L.	
				80 40	" " T.cb	

Profile No. X-Sec. No.
Notes Red. Date
Plotted Date
Notes Chkd. S. H. MILLER Date MAY 20 1959
Checked Date
Job No. 0861.05 Division No.
Survey of COVINA STORM DRAIN
Survey by STOCK Notes MOODY Date 5-12-59
Map No. Indexed C. J. Date
F. B. 2545 PG. 131

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
32+34.0				580 67	40 L(W) P/L back of walk.	
32+74.0				81 16		℄
				81 30		5.5' R(E) W14
				80 77		11' " edge pvmt
				80 8		21 " bot @ wall
				82 32		21 " Top of Wall
				82 5		33 " P/L
				80 47	14' L(W) W14	
				79 95	26' " gut edge	
				79 87	28' " " F.L.	
				80 65	" " T.cb.	
				80 90	40' " P/L back of walk	
33+11.7				81 47		℄
				81 10	Begin Curb gut & walk on East Side	15' R(E) W14
				80 60		28' " gut edge
				80 53		30' " " F.L.
				81 18		" " T.cb.
				81 44		40 " P/L back of walk
33+34.4				81 57		℄
				80 95	14' L(W) W14	

F. B. 2345 Pg. 132 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No.
Survey by STOCK Notes MOODY Notes Chkd. Checked X-Sec.
Indexed A. 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.		
33+34.4				5 80 37	26' L(W) gut edge	
				80 27	28' " " F.L.	
				80 95	" " T.cb	
				81 29	40' " P/L back of walk	
33+79.1				81 75		℄
				81 49		15' R(E) W/4
				80 90		28' " gut edge
				80 77		30 " " F.L.
				81 44		" " T.cb
				81 70		40 " P/L Back of walk
				81 06	14' L(W) W/4	
				80 53	26' " gut edge	
				80 37	28' " " F.L.	
				81 70	" " T.cb.	
				81 45	40 " P/L Back of walk	
34+19.1				81 89		℄
				81 35	14' L(W) W/4	
				80 71	26' " gut edge	
				80 59	28' " " F.L.	
				80 67	" " T.cb Driveway	

Profile Notes Red. Plotted Job No. 0861.05 Division No. F. B. 2545 Pg. 133
No. Date Date Survey of COVINA STORM DRAIN
X-Sec. Notes Chkd. S. H. MILLER Checked Survey by STOCK Notes MOODY Date 5-11-59
No. Date MAY 20 1959 Date Map No. Indexed [illegible] Date

76L-298 S & E #307—1-56

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F. B. 2545 Pg. 134 | Job No. 0861.05 | Division No. | Notes Red | Plotted | Profile
Survey of COVINA STORM DRAIN | Date | Date | No.
Survey by Stock Notes | Notes Chkd | Checked | X-Sec.
Indexed C. Johnson | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	℄
34+19.1				581.55	40 L(W) P/L back of walk
34+29.3				581.92	℄
				581.71	15' R(E) W/A
				581.12	28' " gut edge
				580.97	30' " " F.L.
				581.03	" " T.cb driveway
				581.90	40' " P/L back of walk
34+99.07				582.46	℄ INT SAN BERNARDINO RD
Fd B.M.S.D.# 153				583.03	B.M.S.D.# 153 Elev. 583.033 F.B. 2540-11 BARRANCA AVE. & SAN BERNARDINO RD., N.E. Co. P.K. SPK IN CURB 1' N. of N. end C.R.
BEGIN PROFILE & CROSS SECTION SAN BERNARDINO ROAD WEST ℄ INT BARRANCA AVE. = 0+00 WEST					
0+00				582.46	℄
0+51.2				581.72	℄
				581.66	105' R(N) W/A
				581.58	19' " gut edge
				581.34	21' " " F.L.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
				581 83		21' R(N) T.cb
0+51.2				82 13		33' R(N) P/L back of walk
0+79.7				81 38		℄
				81 10	14' L(S) W14	
				80 51	26' " gut edge	
				80 44	28' " " F.L.	
				81 09	28' " Tcb	
				81 35	40' " P/L Back of Walk	
1+19.7				80 87		℄
				80 79		10.5' R(N) W/4
				80 21		19 " edge gut
				80 04		21 " F.L. "
				80 10		" " T.cb
				81 00		33 " P/L Pumpt.
				80 65	14' L(S) W14	
				80 07	26' " gut edge	
				80 00	28' " " F.L	
				80 08	28' " T.cb. driveway	
				80 91	40' " P/L back of walk	
2+19.7				79 68		℄
				79 49		10.5 R(N) W14
				79 32		19' " gut edge

Profile Notes Red. Plotted Job No. 0861.05 Division No. F. B. 2545 Pg. 135
No. Date Date Survey of COVINA STORM DRAIN
X-Sec. Notes Chk. S. H. MILLER Checked Survey by STOCK Notes MOODY Date 5-12-59
No. Date MAY 20 1959 Date Map No. Index [illegible]

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+19.7				579 21		21' R(N) gut F.L.
				79 30		" " T.cb Dr. way
				79 84		33' " P/L [illegible]
				79 48	14' L(S) W/4	
				78 85	26' " gut edge	
				78 77	28' " " F.L.	
				79 38	28' " T.cb.	
				79 58	40' " P/L	
END PROFILE & CROSS SECTIONS SAN BERNARDINO ROAD WEST & BEGIN EAST 0+00 = ℄ INT BARRANCA AVE.						
0+48.6				83 17		℄
				83 04	10.5 L(N) W/4	
				82 69	21' " gut	
				83 13	" " T.cb	
				83 6	33' " P/L	
0+69.5				83 47		℄
				83 16		15 R(S) W/4
				82 56		28 " gut edge
				82 39		30 " " F.L.
				82 42	Dr. Nr. way	30 " T.cb X

F. B. 2545 Pg. 136 Job No. 086105 Division No. Notes Red Plotted Profile
Survey of COVINA STORM DRAIN Date Date No.
Survey by STOCK Notes MOODY Notes Chkd. Checked X-Sec.
Indexed [illegible] C. Johnson Date Date No.

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		℄
0+69.5				583.32		40' R(S) P/L Back of walk
1+09.5				83.98		℄
				83.76		15' R(S) W/4
				83.16		28' " gut edge
				83.04		30' " " F.L.
				83.69		" " T.cb.
				83.90		40' " P/L
				83.97	10.3' L(N) W/4	
				83.47	20.7' " edge pvmt	
				83.4	22' " F.L.	
				83.6	33' " P/L	
2+09.5				85.08		℄
				84.86		15' R(S) W/4
				84.25		28' " gut. edge
				84.09		30' " F.L.
				84.71		" " T.cb.
				84.92		33' " P/L
				84.95	10.3' L(N) W/4	
				84.56	21' " Pvmt edge	
				84.4	23' " F.L.	
				84.8	33' " P/L	

Profile Notes Red. Plotted Job No. 0861.05 Division No. F. B. 2545 PG. 137
No. Date Date Survey of COVINA STORM DRAIN
X-Sec. Notes Chkd. S. H. MILLER Checked Survey by STECK Notes MOODY Date 5-12-59
No. Date MAY 20 1959 Date Map No. Indexed C. O. Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		℄
0+084				582.56	S.S.M.H.	on ℄ Mean Rim
	E. Rim 582.55			570.12	Invert 15" Inlet North	
	W. Rim 582.56			570.11	Invert 15" outlet South	
	Mean Rim 582.56				Invert 10" Inlet East.	

582.56 Mean Elev
11.17 Meas. Dr
571.39
1.27 Dia.
570.12

582.56 Mean E.
11.21 Meas. Dr.
571.35
1.24 Dia.
570.11

582.56 Mean
12.05 Meas D
570.51
.83 Dia
579.68

END PROFILE & CROSS SECTIONS SAN BERNARDINO ROAD EAST — RESUME BARRANCA AVE. NORTH

35+20'				582.00		℄ X 90+.
35+54.8				82.26	10' L(W) W14	
				81.91	19.9' " gut	
				82.54	" " Tcb	
				82.71	33' " P/L Back of Walk	
35+58.7				82.58		℄
				82.63		10' R(E) W14
				82.38		19.9' " gut
				83.09		" " Tcb
				83.6		33' " P/L
35+98.7				82.91		℄
				82.87		10' R(E) W14 X

F. B. 2545 Pg. 138
Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No.
Survey by STOCK Notes MOODY Notes Chkd. Checked X-Sec.
Indexed C. J. Date Date No.

76L-298 S.S.E. #307—1-56

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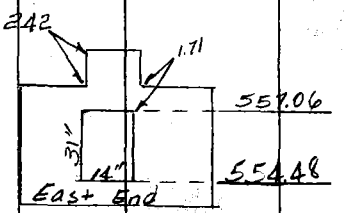
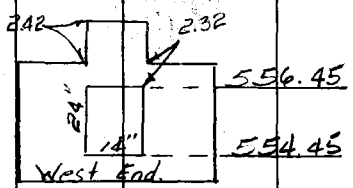
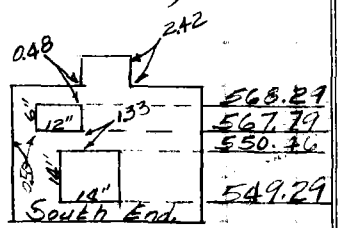
STATION	B. S.	H. I.	F. S.	ELEV.		℄
35+98.7				58265		20'R(E) gut
				8335		" " Tcb
				838		33' " P/L
				8262	10' L(W) W14	
				8231	20' " gut	
				8287	" " Tcb	
				8311	33' " P/L back of Walk	

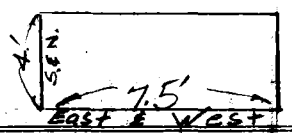
Note: For PROFILE & CROSS SECTIONS
NORTH SEE "C" SECTION BADILLO AVE.
STORM DRAIN PROJECT #519 IN. 6251.90
F.B. 2536 - Pg 269

17+[illegible]				[illegible]	Mean Rim Elev. (No. Number.)	
				557.06	Top 14"X31" Conduit East.	
				554.48	Bot. " " " "	
				556.45	Top 14"X24" " West.	
				554.45	Bot. " " " "	
				568.29	Top 12"X6" " South	
				567.79	Bot " " " "	
				550.46	Top 14"X14" " "	
				549.29	Bot " " " "	









Profile Notes Red. Plotted Job No. 086105 Division No. F. B. 2545 Pg. 139
No. X-Sec. Date Date Survey of COVINA STORM DRAIN
Notes Chk. S. H. MILLER Checked Survey by STOCK Notes MOODY Date 5-12-59
No. Date MAY 20 1959 Date Map No. Indexed Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
18+16.8'		562.01 M.R. Elev. 11.90 Meas. Dn. 550.11 1.81 Dia 548.30		562.01 548.30 549.89 549.90	S.S. M.H. Mean Rim Elev. Invert 22" Inlet North. East. Invert 18" Inlet North Invert 18" outlet South	562.01 10.62 Meas Dn 551.39 1.50 Dia. 549.89 562.01 Mean Rim Elev 10.61 Meas. Dn. 551.40 1.50 Dia. 549.90

F. B. 2545 Pg. 140

Job No. 0861.05 Division No. Notes Red Plotted Profile

Survey of Covina Storm Drain Date Date No. X-Sec.

Survey by H.R. Stock Notes J.R. Moody Notes Chkd. Checked

Indexed C. Johnson Date Date Date No.

Notes Ck'd by	Survey of COVINA STORM DR.
Map No.	JN 0861.05 Tape 0162 Std 68 °F
Office Work	Surveyed by H.R. Stock
Checked	Notes MOODY Date 5-14-59
Date	Indexed [illegible] 5-29-59

F. B. 2545 PG. 151

COVINA STORM DRAIN

LINE "C"

PROJECT # 423

J.N. 0861.05

CENTER LINES

PARTY

STOCK

MOODY

LYBRAND

VALDEZ

BICKSLER

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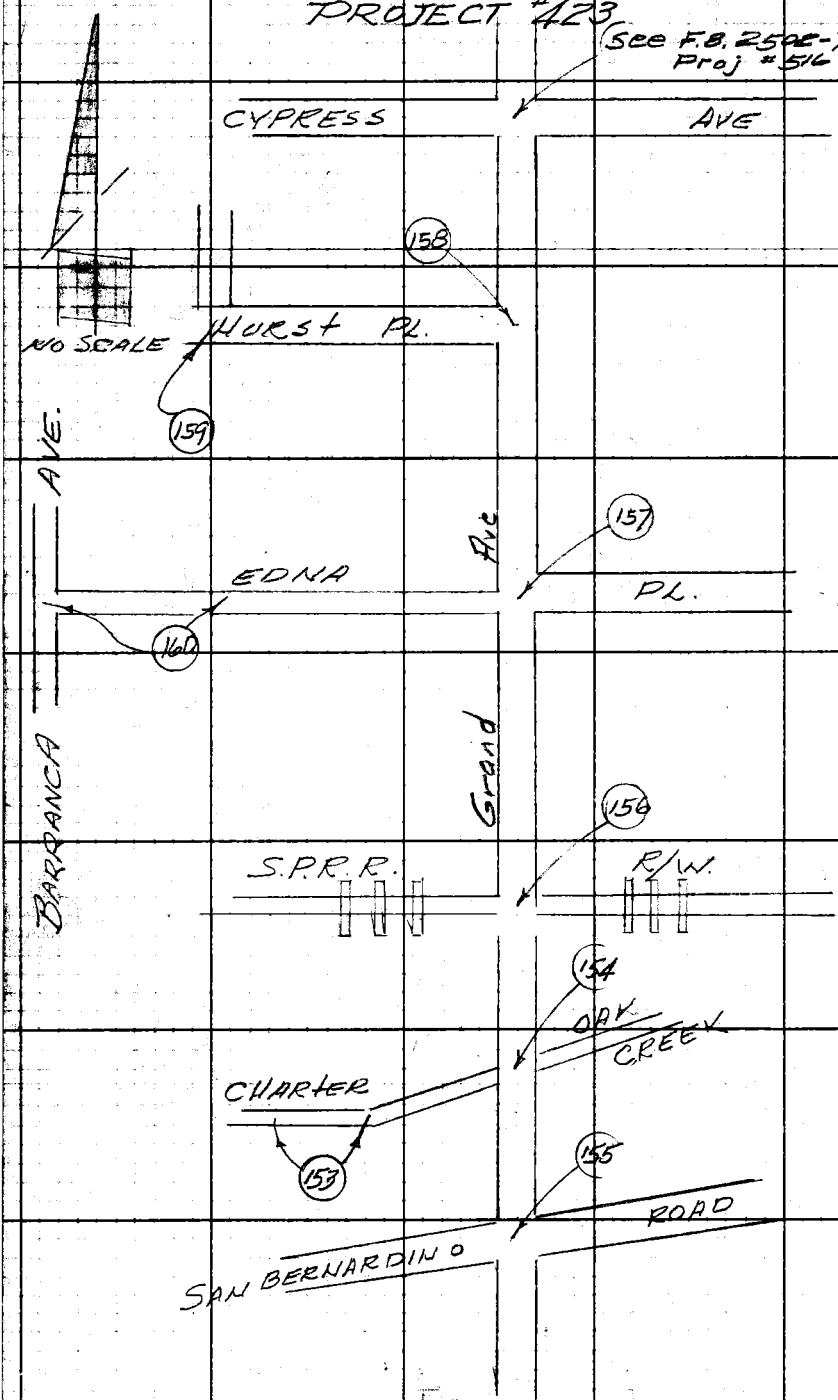
76F309S CE #247—8-57

F. B. 2545 Pg. 15R

INDEX

COVINA STORM DRAIN LINE "C" J.N. 086105
PROJECT #423



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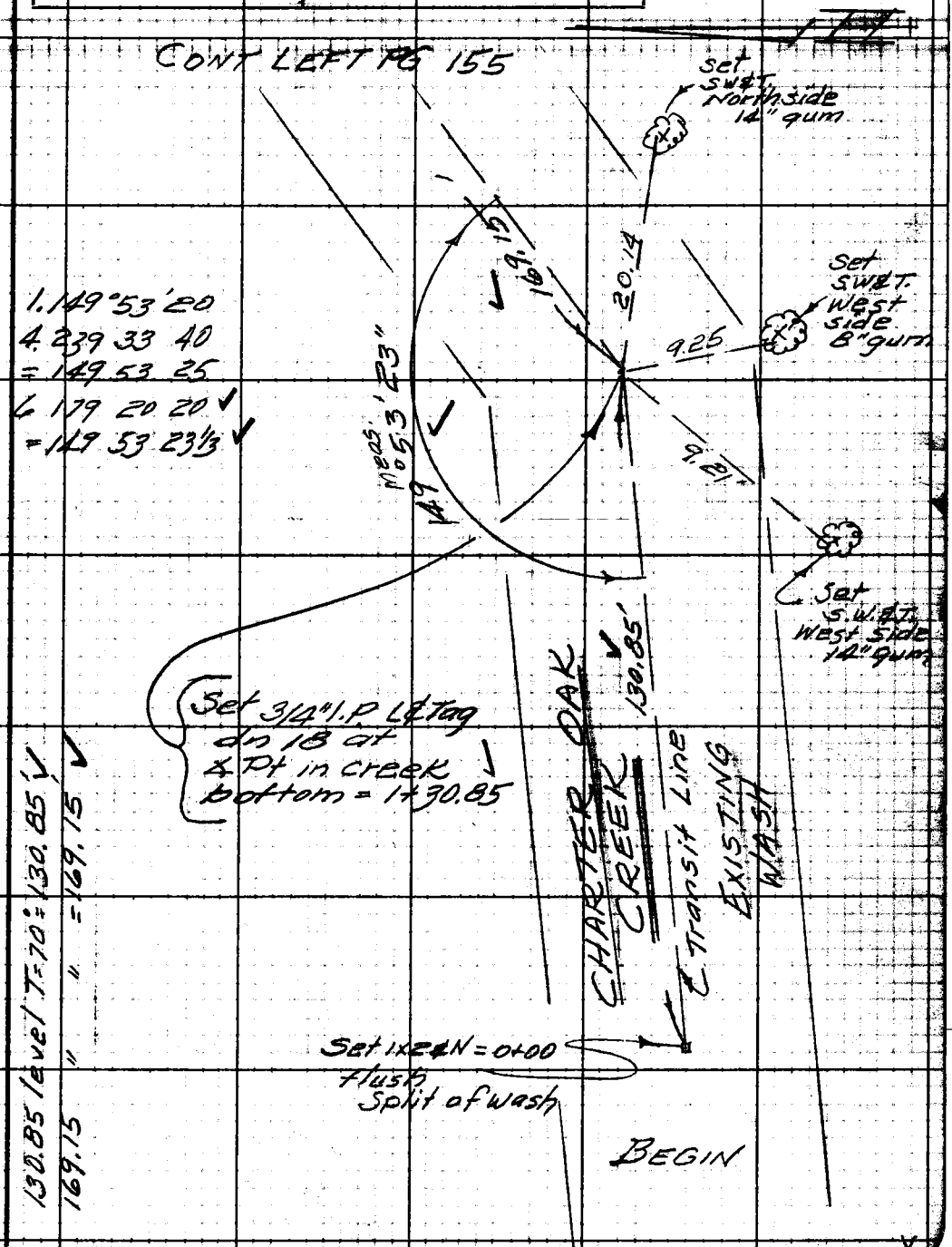
Notes Ck'd by Miller	Survey of COVINA S. DR.
Map No.	IN 0861.05 Tape 0162 Std. 68 °F
Office Work	Surveyed by STOCK
Checked	Notes STOCK Date 5-18-59
Date	Indexed [illegible]

F. B. 2545 PG. 153



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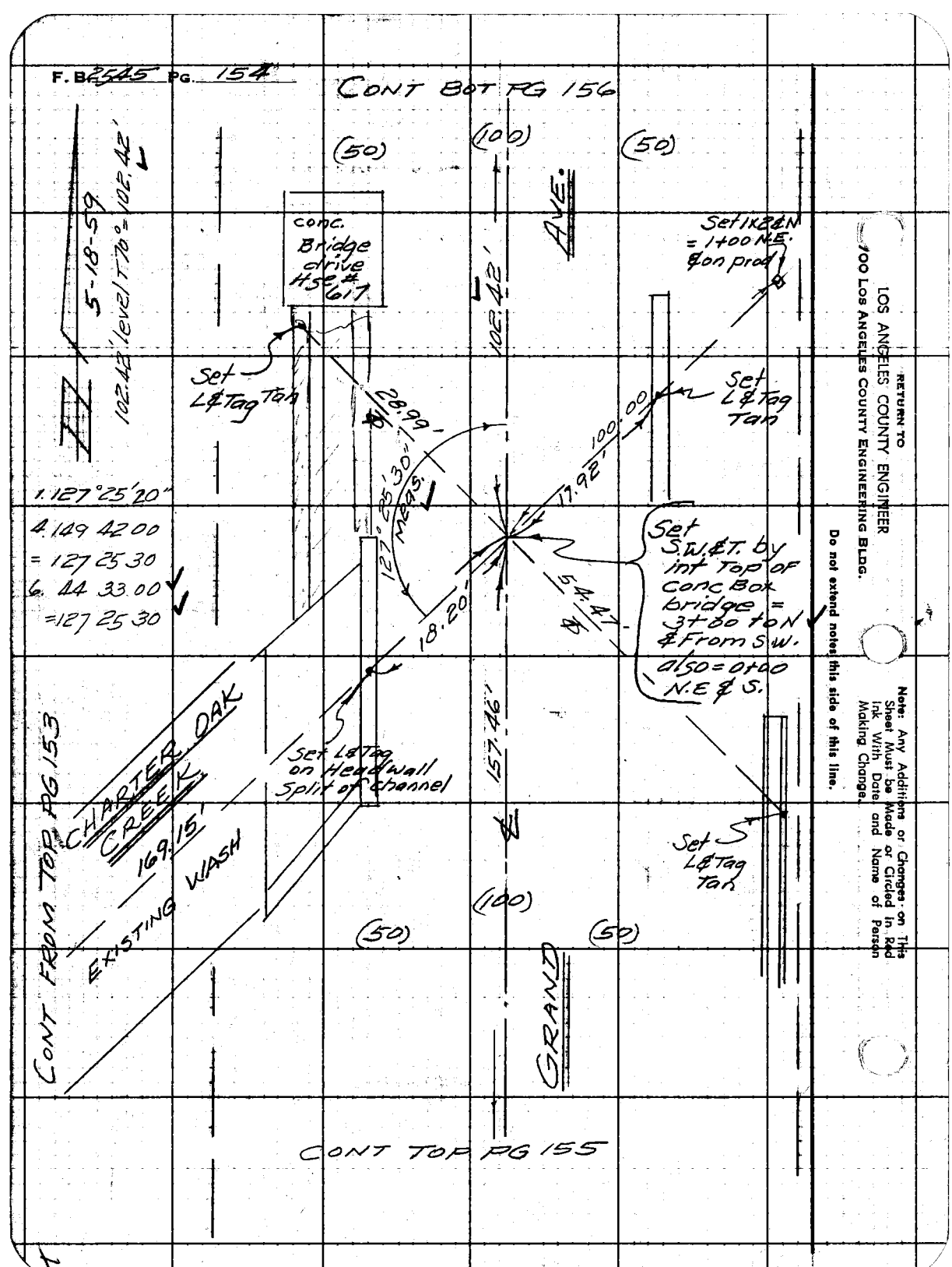
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-53

F. B. 2545 PG. 154

CONT BOT PG 156



CONT FROM TOP PG 153

CONT TOP PG 155

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LOS ANGELES COUNTY ENGINEER
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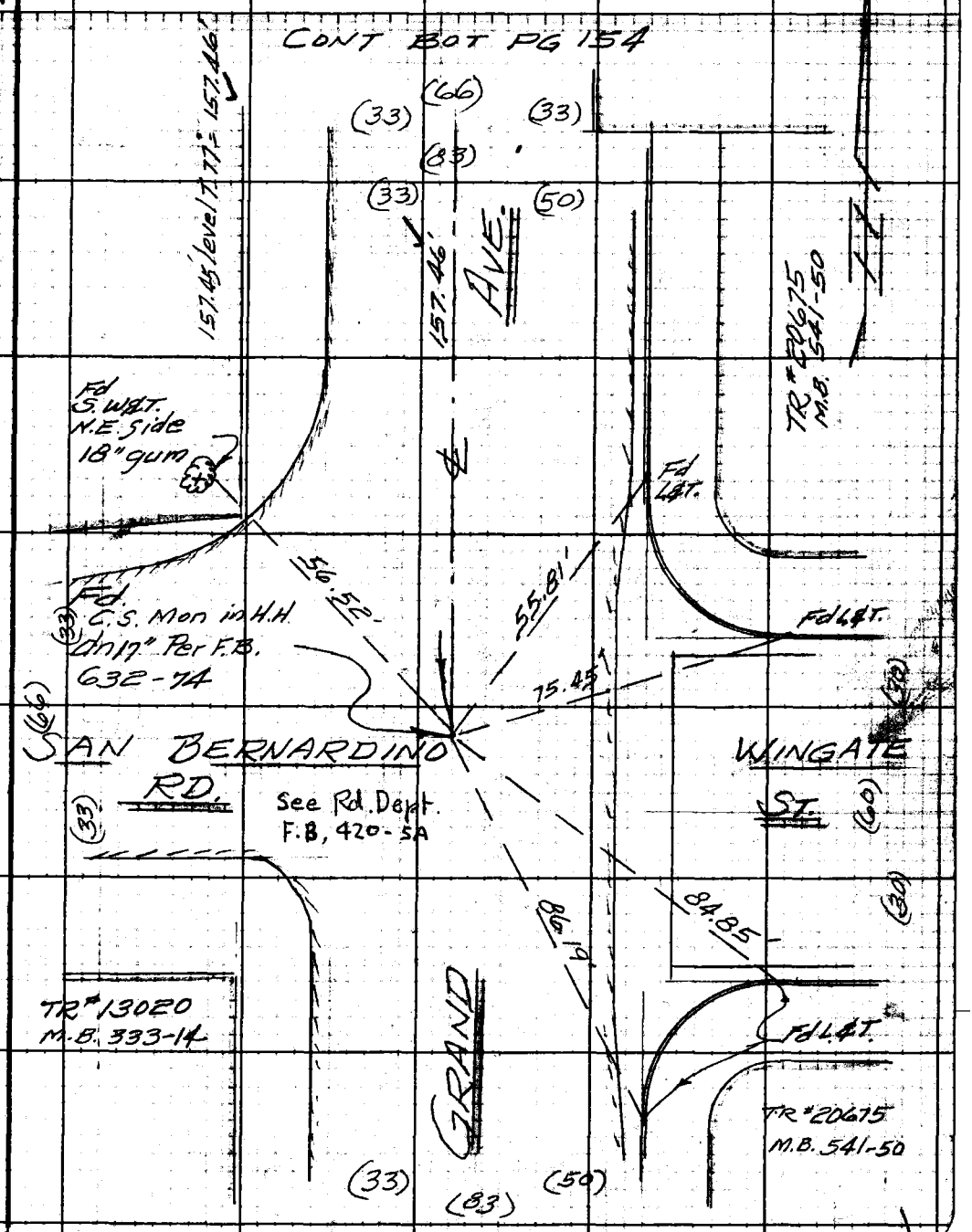
Notes Ck'd by	Survey of COVINA S. DR.
Map No.	0861.05 0162 68 of
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 5-18-59
Date	Indexed L. C. Johnson

F. B. 2545 PG. 155

47-D-4



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RETURN TO
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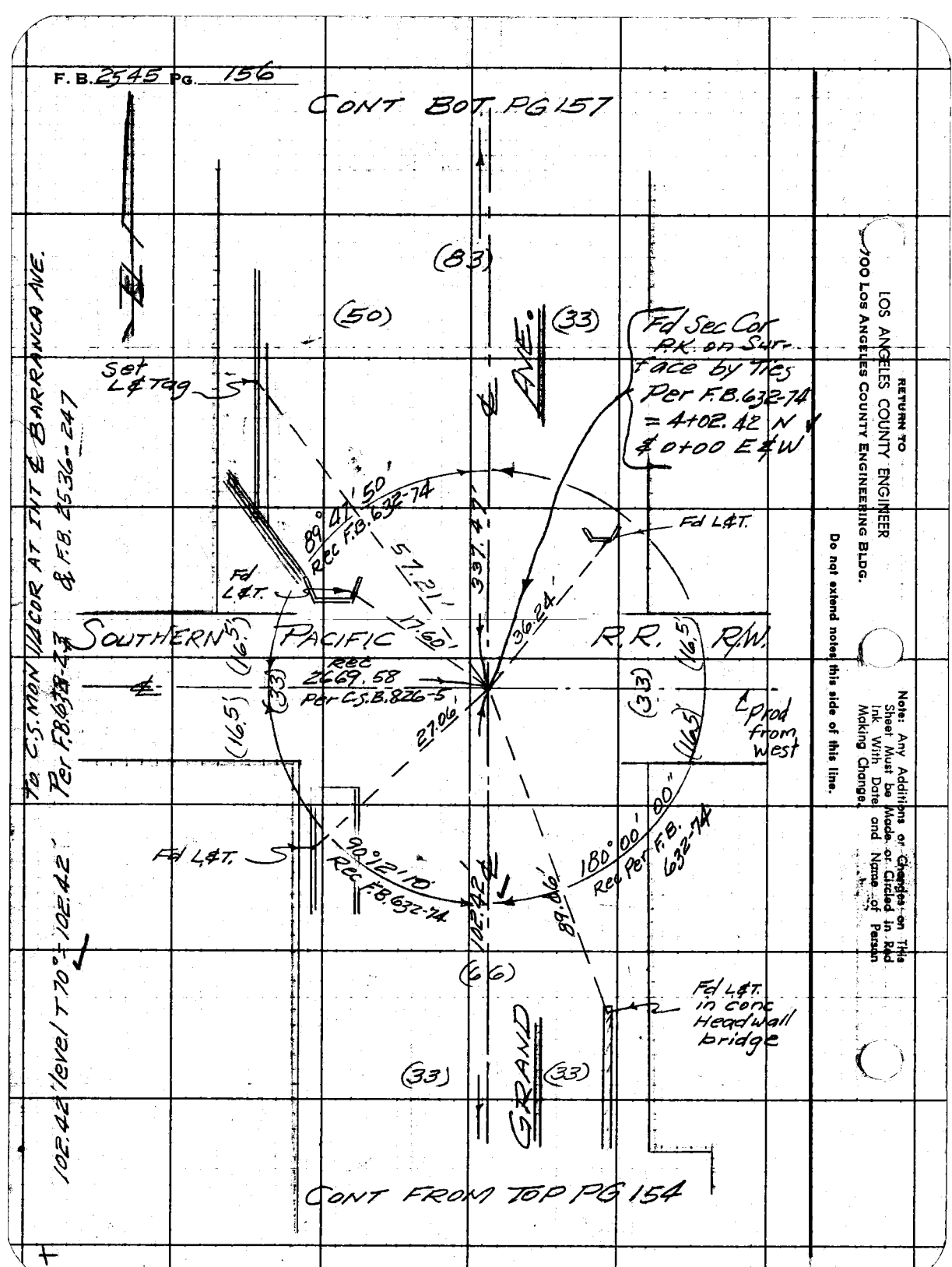
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F. B. 2545 PG. 156

CONT BOT. PG 157



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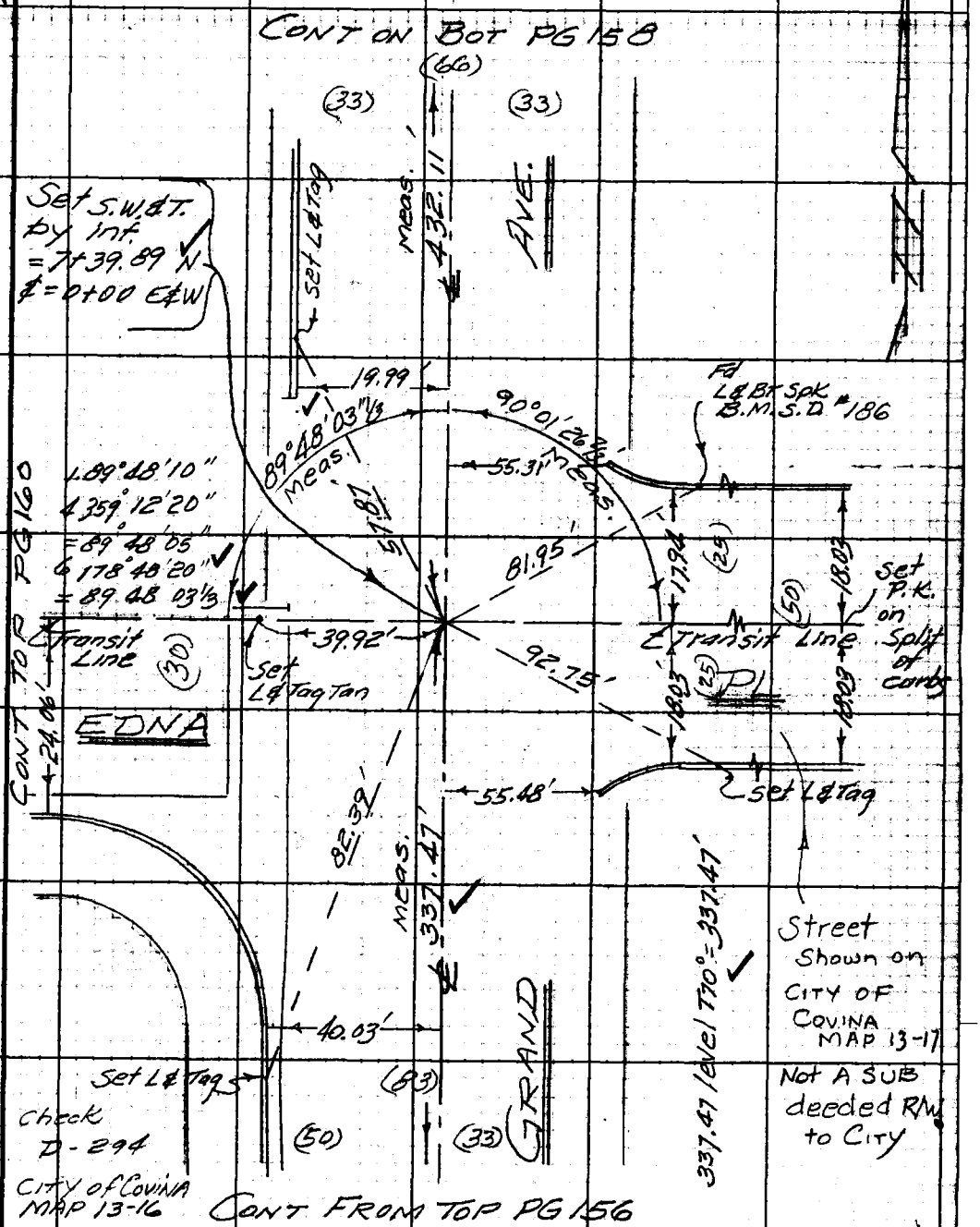
Notes Ck'd by	Survey of COVINA ST. DR.
Map No.	IN 0861.05 Tape 0162 Std. 68 of
Office Work	Surveyed by STOCK
Checked	Notes STOCK Date 5-18-59
Date	Indexed A. C. Johnson

F. B. 2545 PG. 157

47-D-4



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763098 CE #247—7-59

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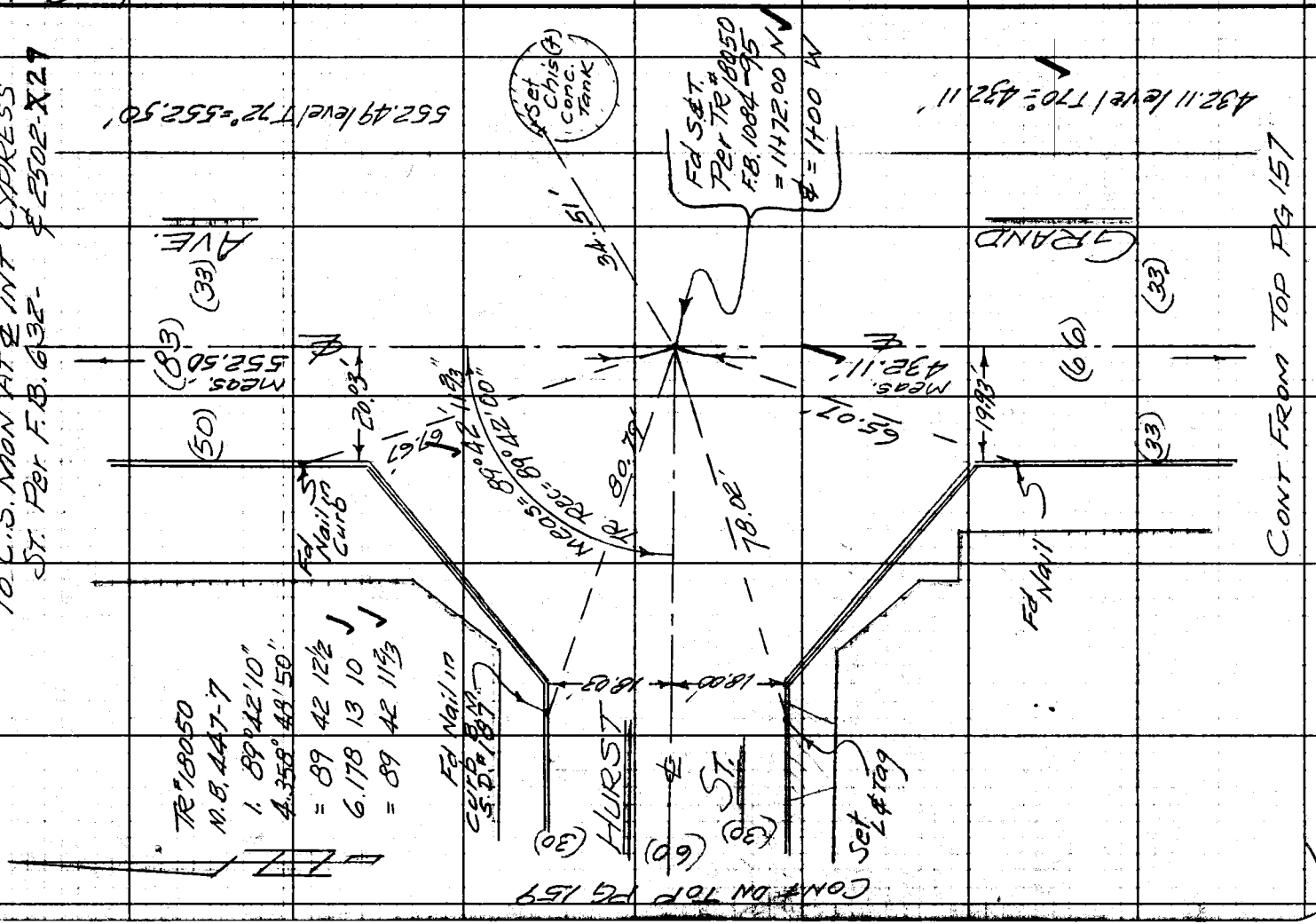
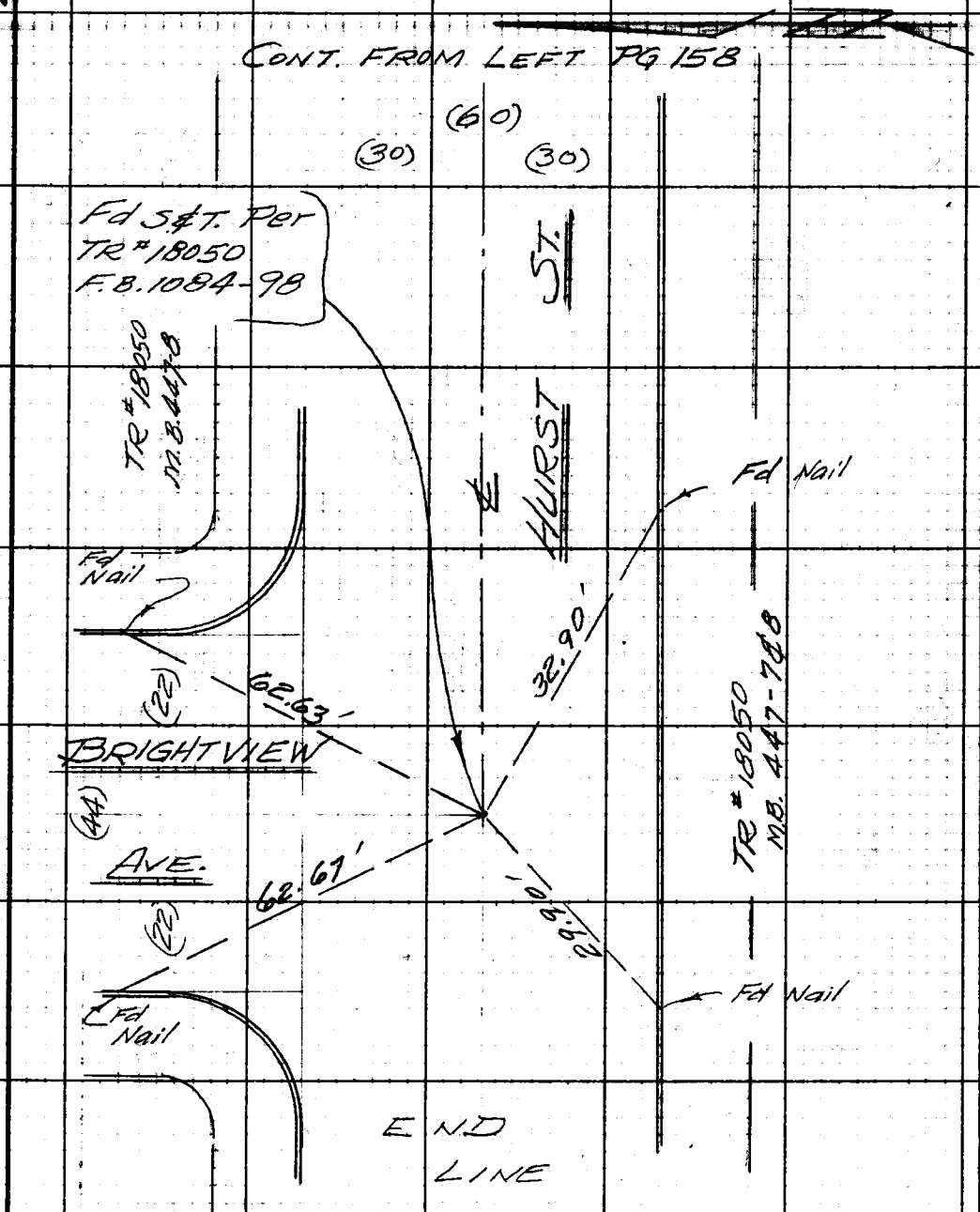
47-D-4



Notes Ck'd by	Survey of COVINA STORM DR.
Map No.	IN 0861.05 Tape 0162 Std. 68 °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes STOCK Date 5-18-59
Date	Indexed [illegible]

F. B. 2545 PG. 159

47-D-4



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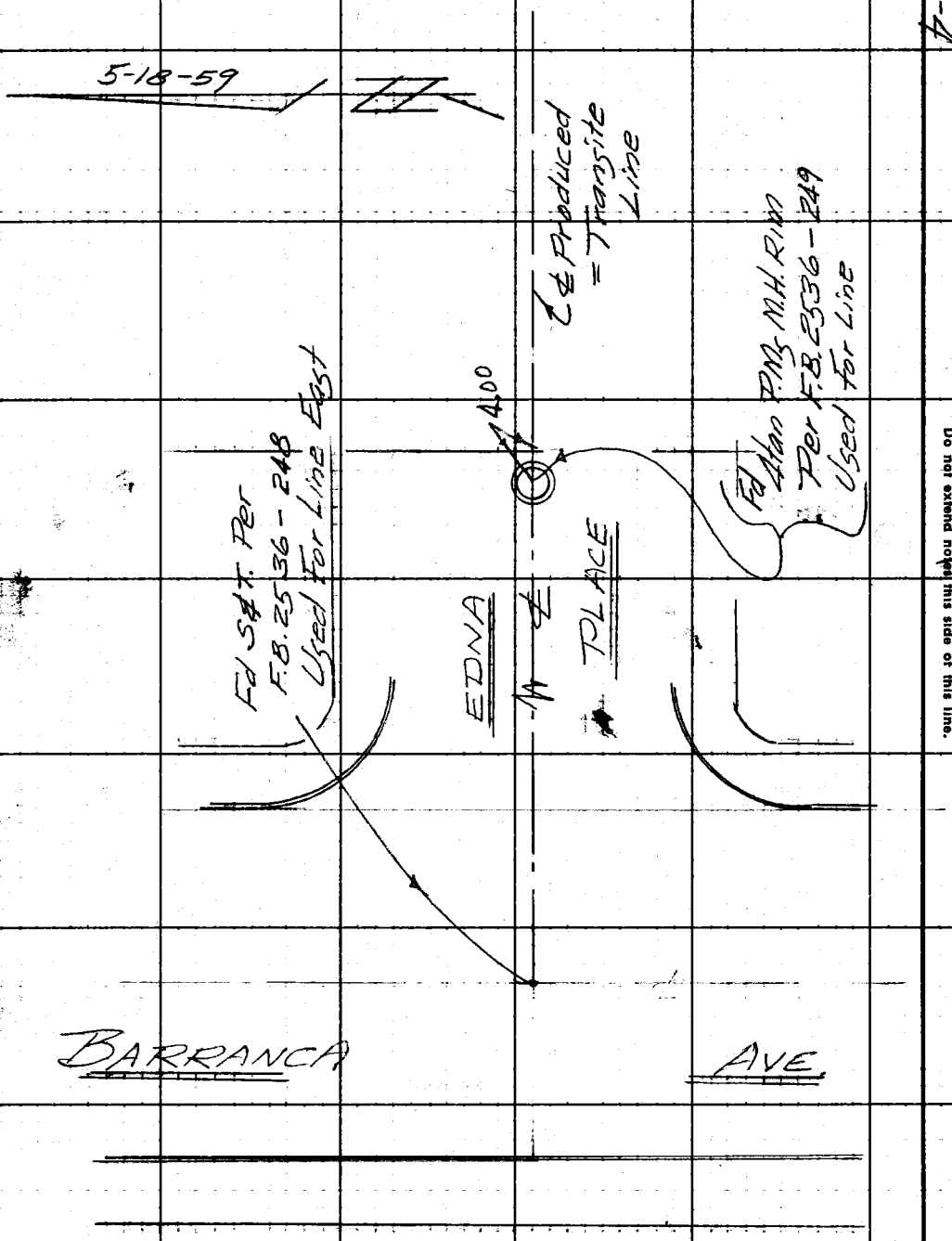
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-59

F. B. 2545 PG. 160

CONT LEFT PG 157



47-D-4

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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.

Profile No. _____ X-Sec. No. _____

Notes Red. _____ Date _____ Notes Chkd. _____ Date _____

Plotted _____ Date _____ Checked _____ Date _____

Job No. _____ Survey of _____ Survey by _____ Map No. _____

Division No. _____ Notes _____ Indexed _____

Date _____ Date _____

F. B. _____ Pg. _____

"C" SECTION
COVINA STORM
Project #423

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

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76L-298 S & E #307—1-56

Notes Ck'd by	Survey of COVINA STORM DR
Map No.	IN 086605 Tape 0162 Std 68 °F
Office Work	Surveyed by Stock
Checked	Notes MOODY Date 5-18-59
Date	Indexed [illegible] 5-29-59

F. B. 2545 PG. 171

COVINA STORM DRAIN

"C" SECTION

PROJECT #423

GRAND AVE

FROM SAN BERNARDINO RD
TO CYPRESS ST.

LOCATION OF IMPROVEMENTS

PARTY
STOCK
MOODY
VALDEZ
BICKSLER

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763095 CE #247—7-55

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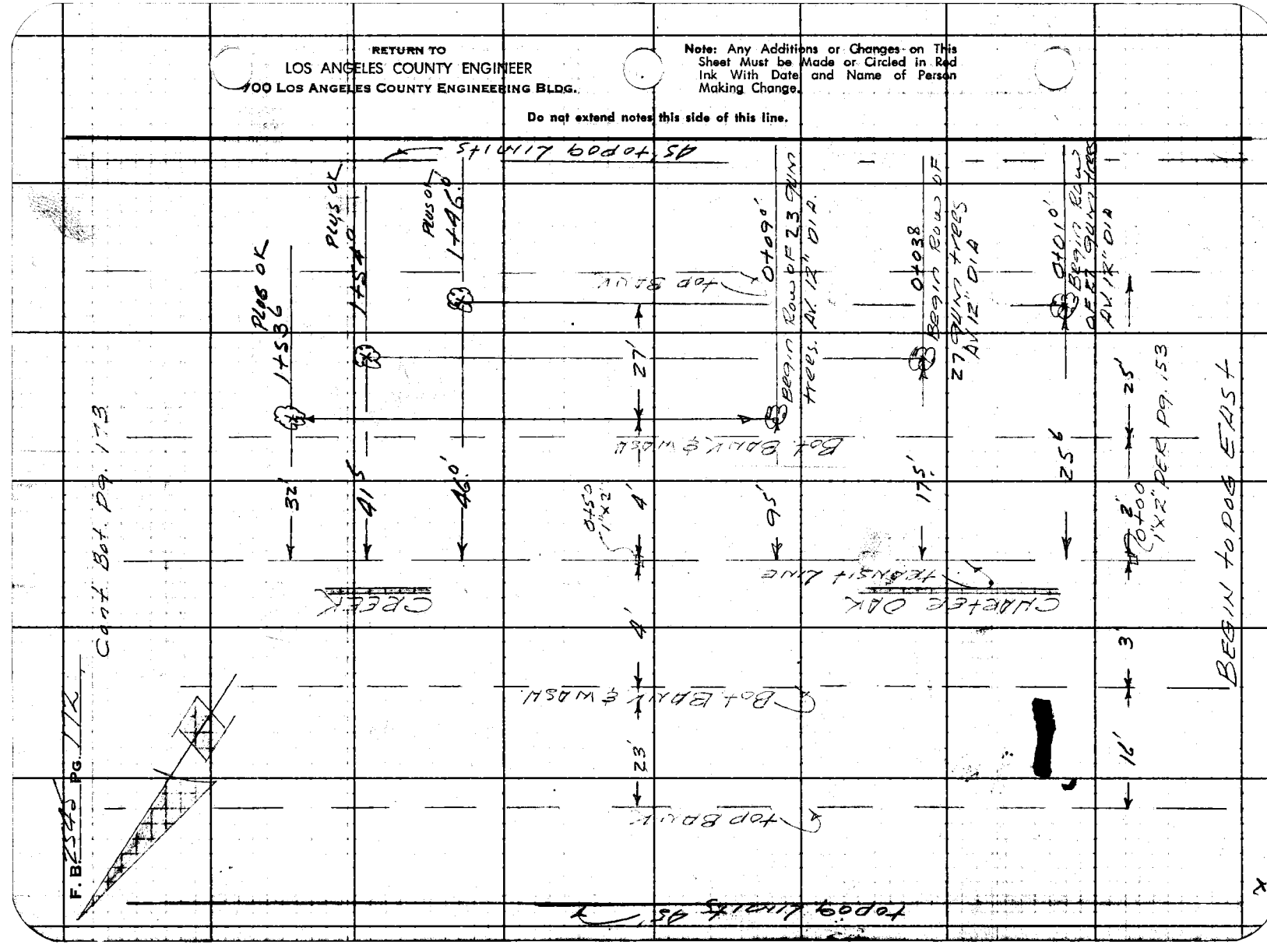
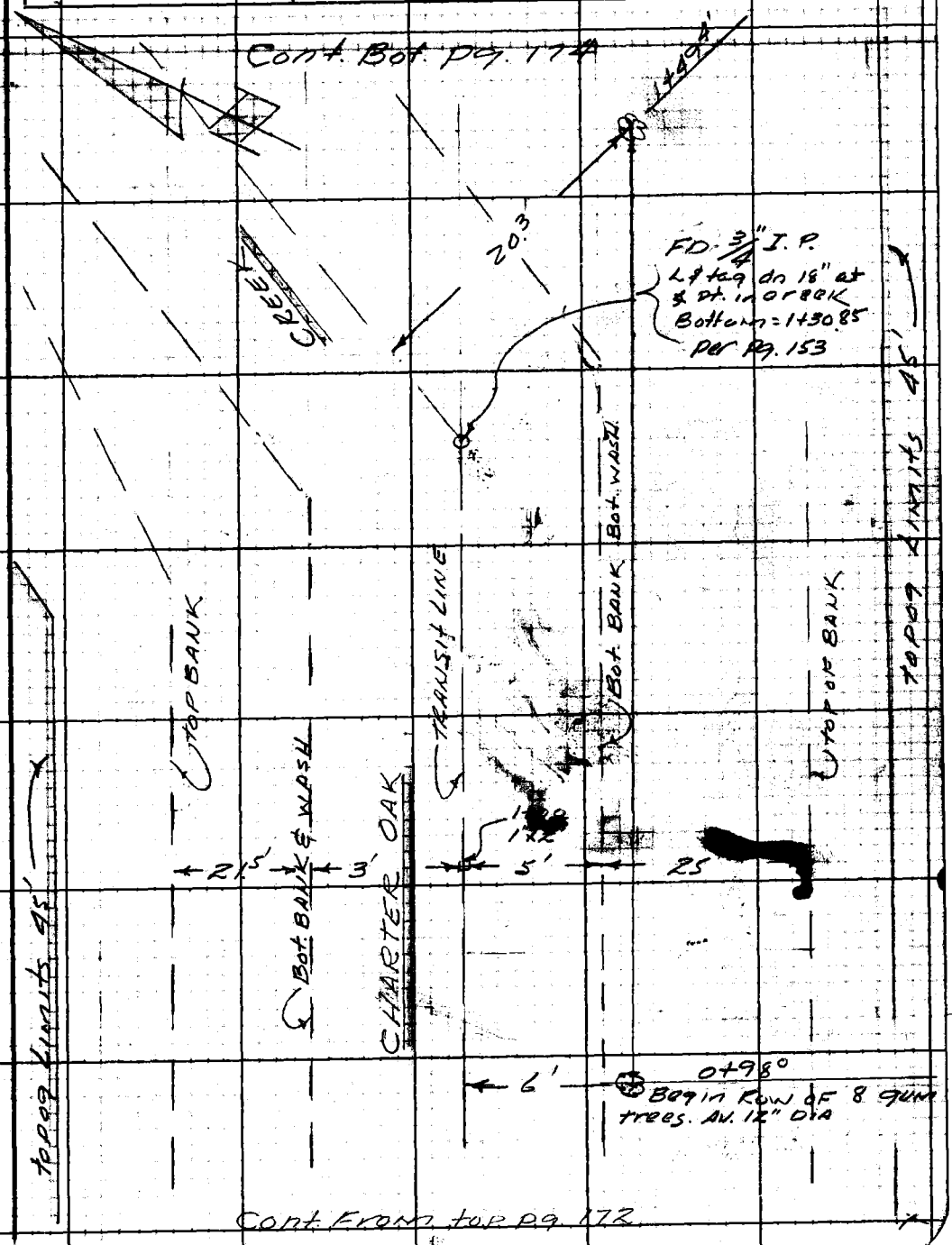


Notes Ck'd by	Survey of COVINA STORM DR.
Map No.	IN 0861.05 Tape 0162 Std 68 °F
Office Work	Surveyed by STOCK
Checked	Notes MOODY Date 5-20-59
	Indexed A. C. Johnson

F. B. 2545 PG. 173



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763093 CE #247—7-53

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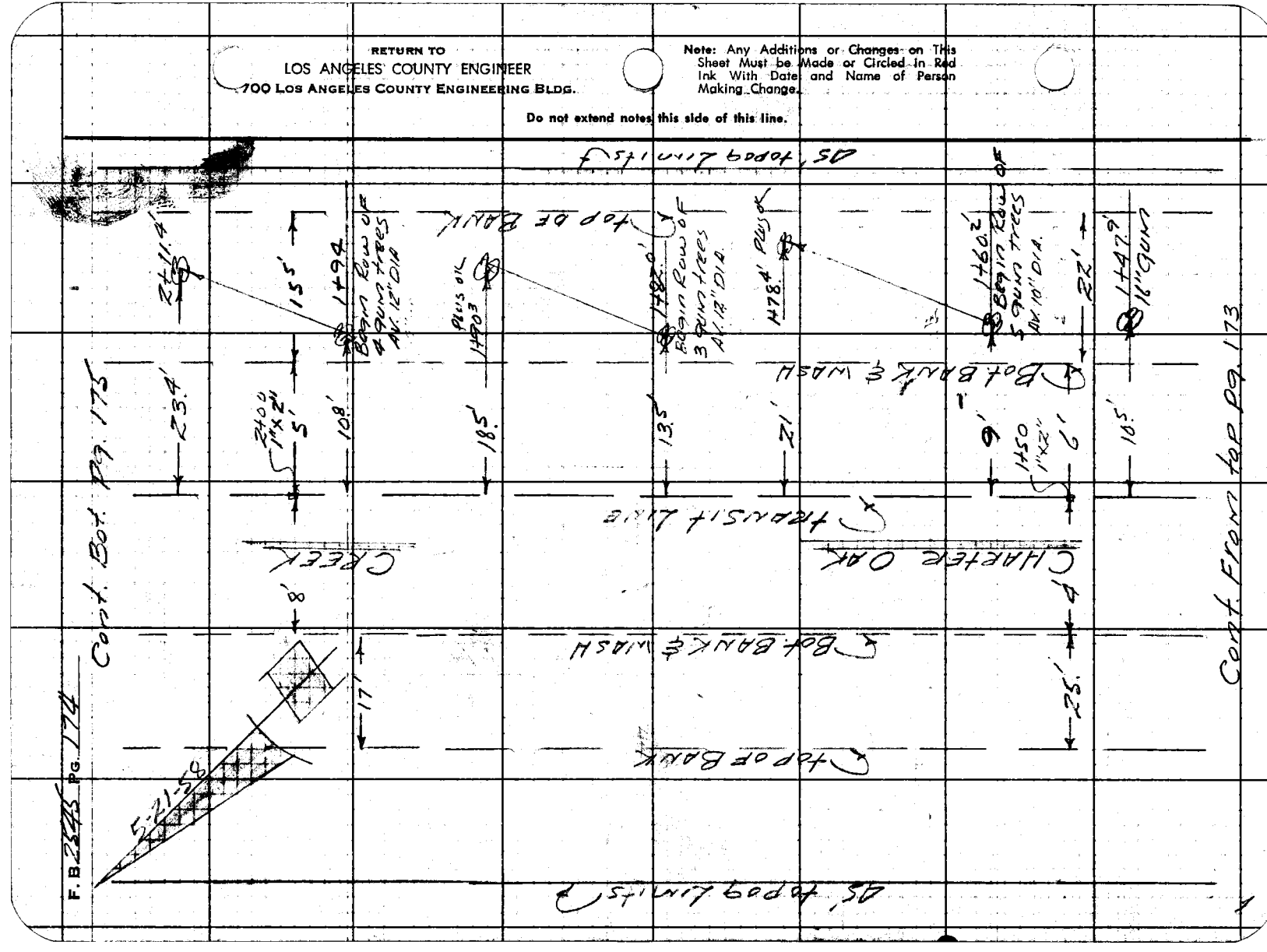
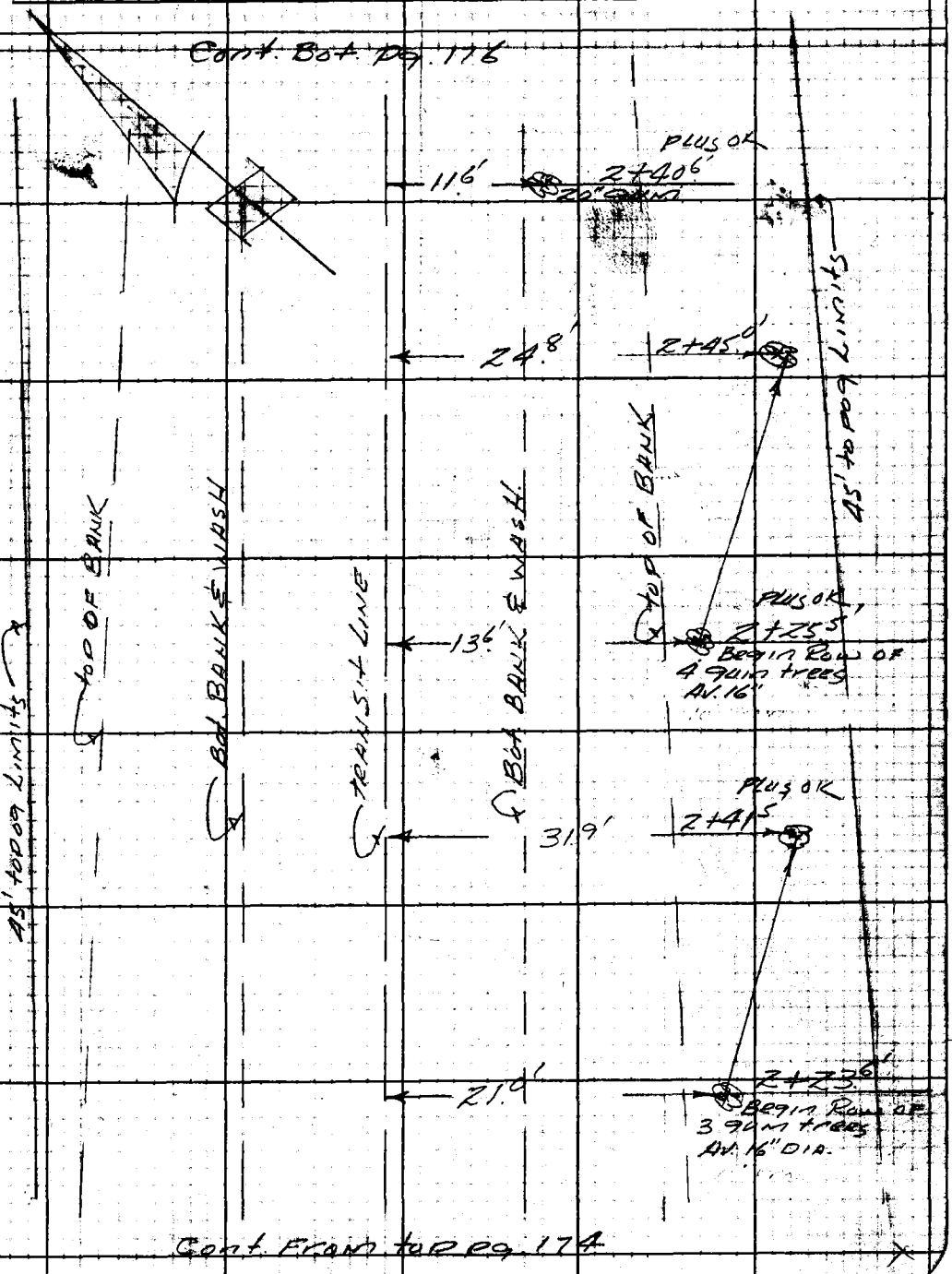


Notes Ck'd by	Survey of COVINA STORM DR
Map No.	IN 086105 Tape 0164 Std 68 °F
Office Work	Surveyed by Stock
Checked	Notes MOODY Date 5-21-59
Date	Indexed [redacted] C. Johnson

F. B. 2545 PG. 175



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763095 CE #247—7-53

F.B. 2545 PG. 176

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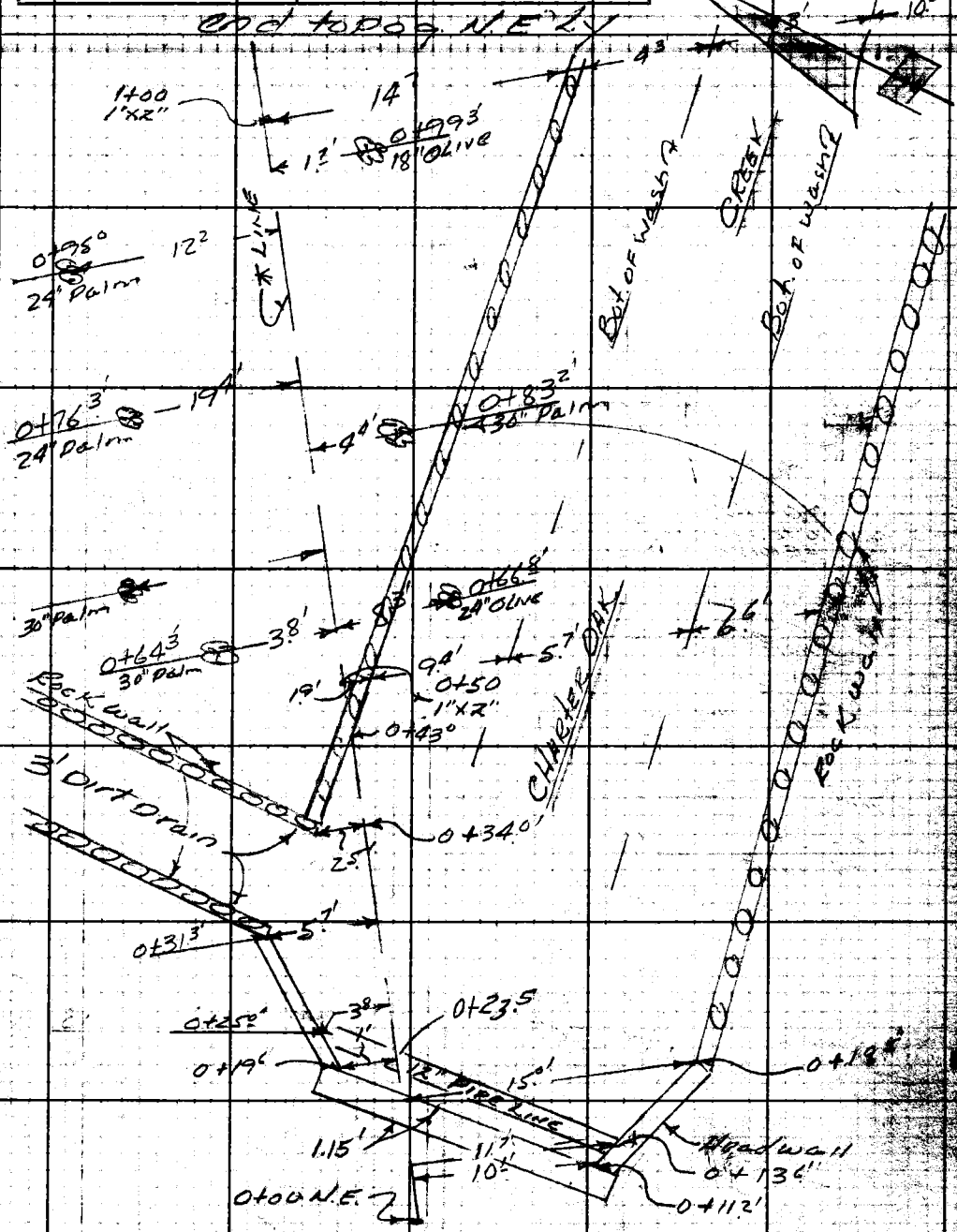
Notes Ck'd by	Survey of Covina Storm Dr.
Map No.	IN 086105 Tape 0162 Std 68 °F
Office Work	Surveyed by Stock
Checked	Notes Moody Date 5-21-59
Date	Indexed A. C. Johnson

F. B. 2545 Pg. 177



Cont. From top pg. 176

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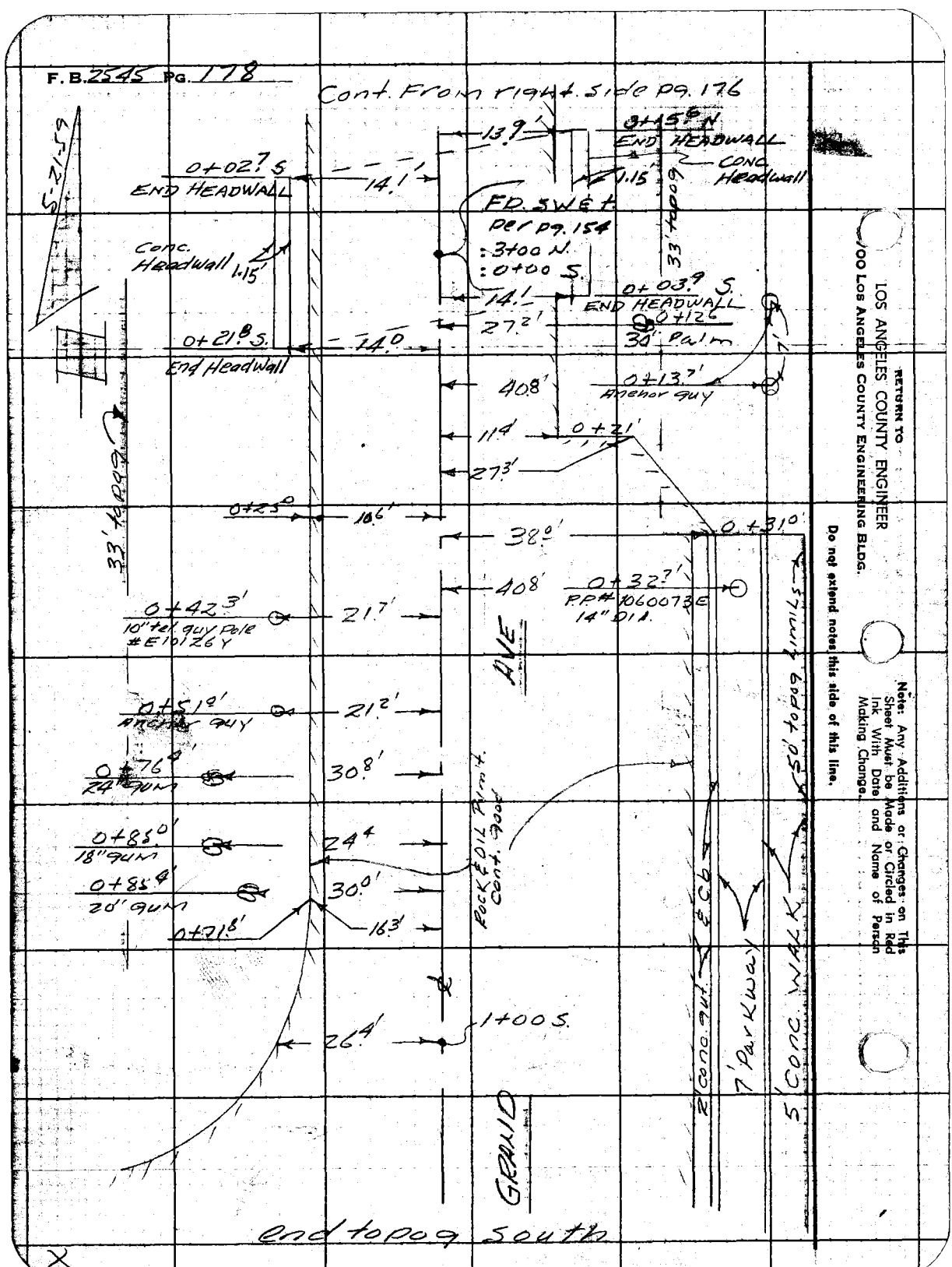
763095 CE #247—7-53

F.B. 2545 Pg. 178

Cont. From right side Pg. 176



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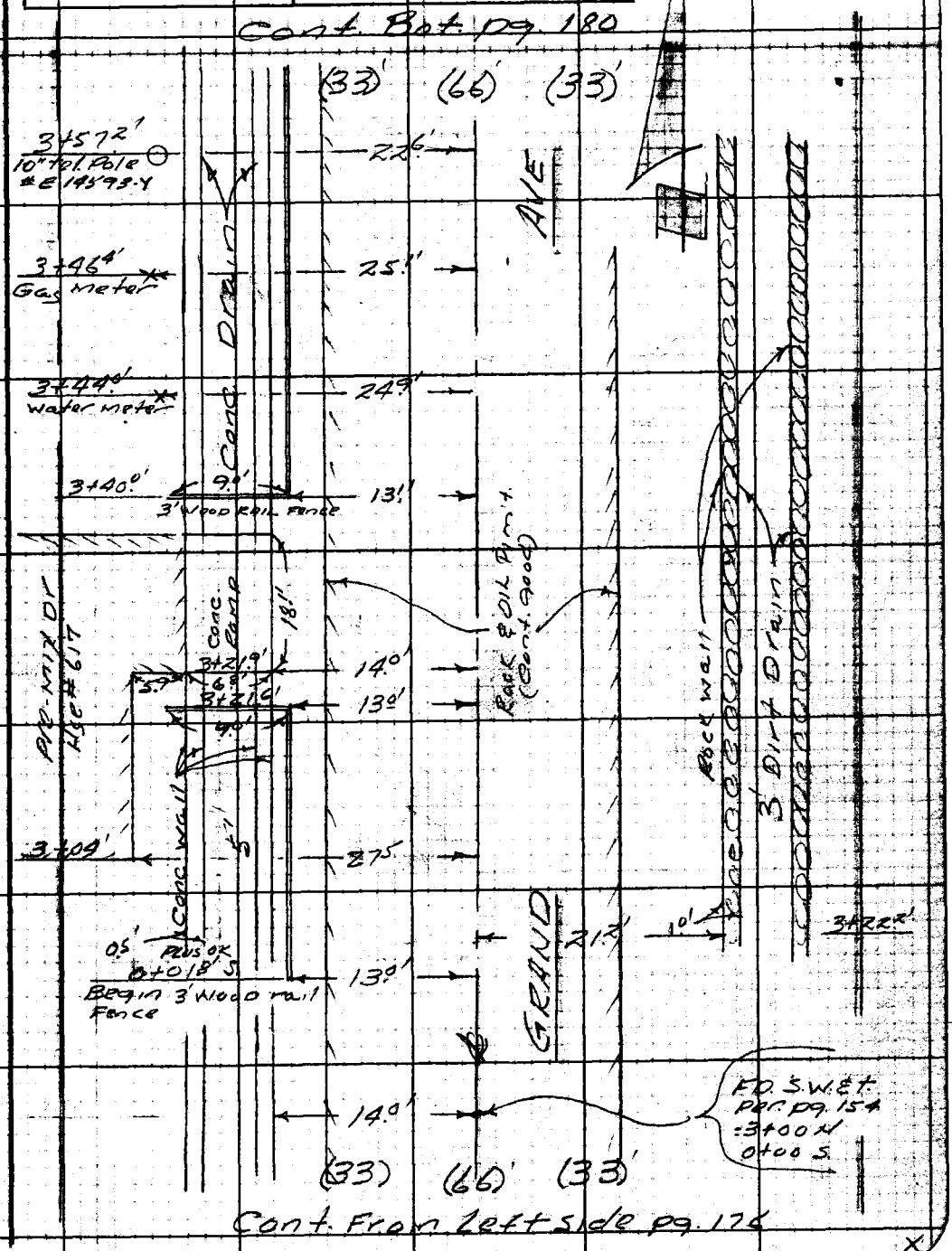
Notes Ck'd by	Survey of Covina Storm Dr
Map No.	IN 0861.05 Tape 0162 Std 68 °F
Office Work	Surveyed by Stock
Checked	Notes Moody Date 5-21-59
Date	Indexed C. Johnson

F. B. 2545 PG. 179



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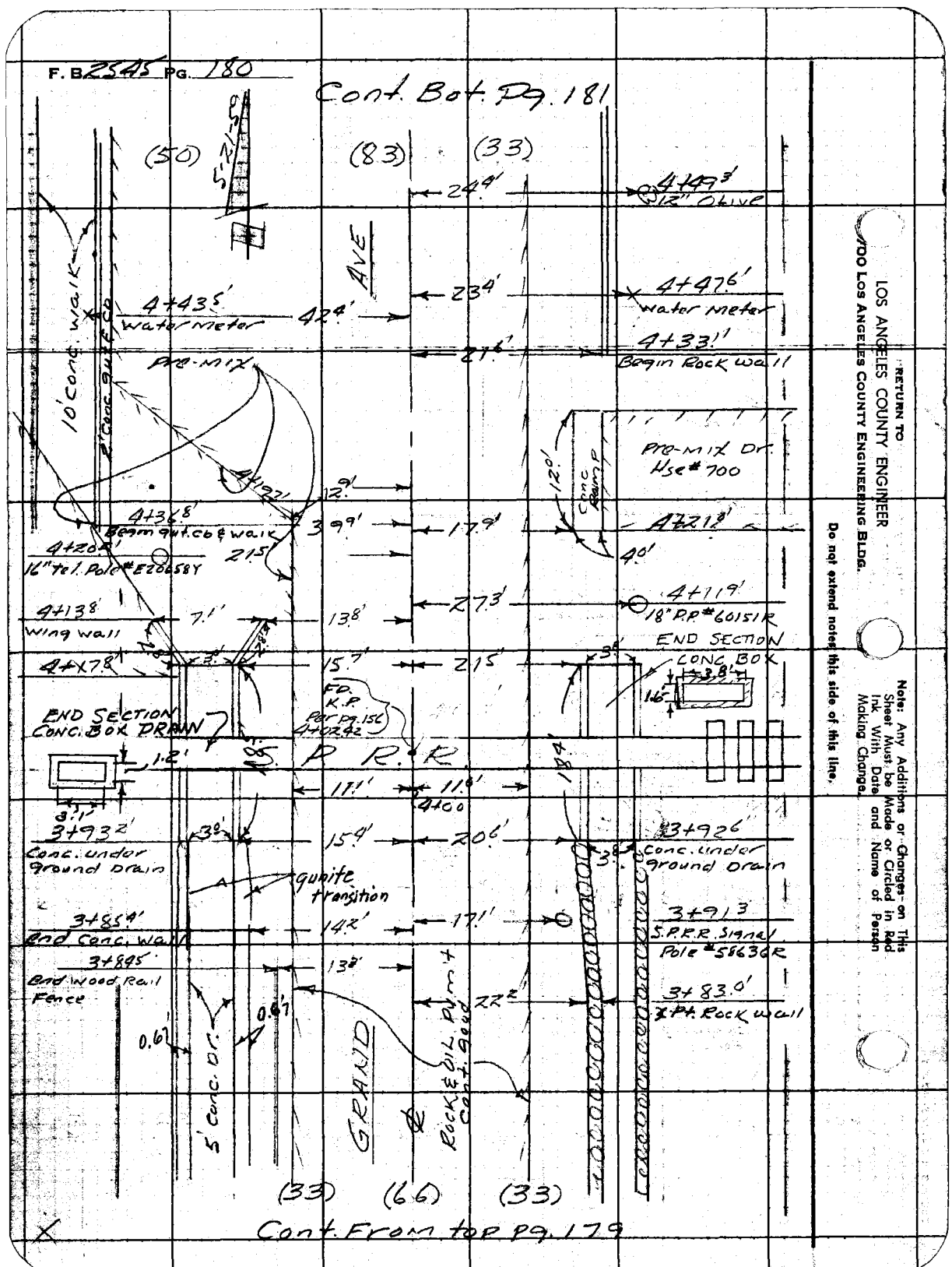
763098 CE #247—7-53

F. B. 2545 PG. 180

Cont. Bot. Pg. 181



Cont. From top Pg. 179

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Notes Ck'd by	Survey of Covina Storm Dr.
Map No.	IN 0861.05 Tape 0162 Std 68 °F
Office Work	Surveyed by Stock
Checked	Notes Moody Date 5-21-59
Date	Indexed C. Johnson

F. B 2545 Pg. 181

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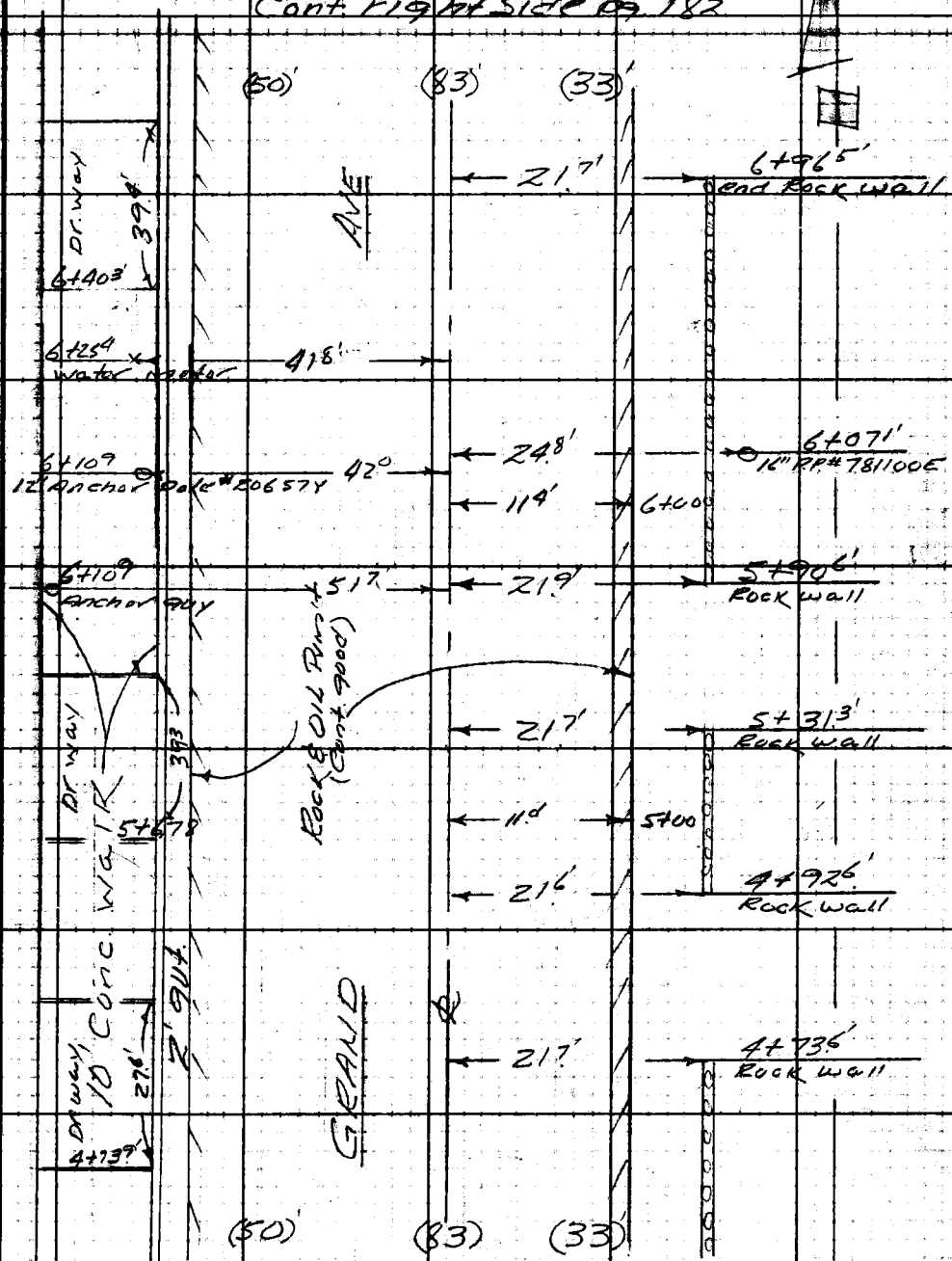

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RETURN TO
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763098 CE #247—7-53

F. B. 2545 Pg. 182

5-21-59

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

Survey of Covina Storm Dr. F. B. 2545 Pg. 183
JN 686105 Tape 6162 Std 68 °F
Surveyed by Stock
Notes Moody Date 5-21-59
Indexed H. C. Johnson

Cont. Bot. Pg. 184

(33) (66) (33)

9+45.2 3" I.P. Light Post — 23.8'
9+45.2 12" tel. Pole #E14954 — 21.4'
AVE
21.3
11.3
9+00 End Broken Rock Wall
8+43.2 Electric Conduit — 32.5'
8+05.3 Water Meter — 30.2'
8+03.4 Water Faucet — 30.4'
Rock & Oil Paint (Cont. Good)
10.9'
8+00
7+97.4 Fire Hyd — 31.7'
7+85.9 Gas Meter — 33.5'
GRAND
7+72.7 8" tel. pole #E10129 — 21.4'
21.8'
7+81.4' Begin Broken Rock Wall
Conc. Cb.

(33) (66) (33)

Cont. From Left side Pg. 182

RETURN TO
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900 Los Angeles County Engineering Bldg.

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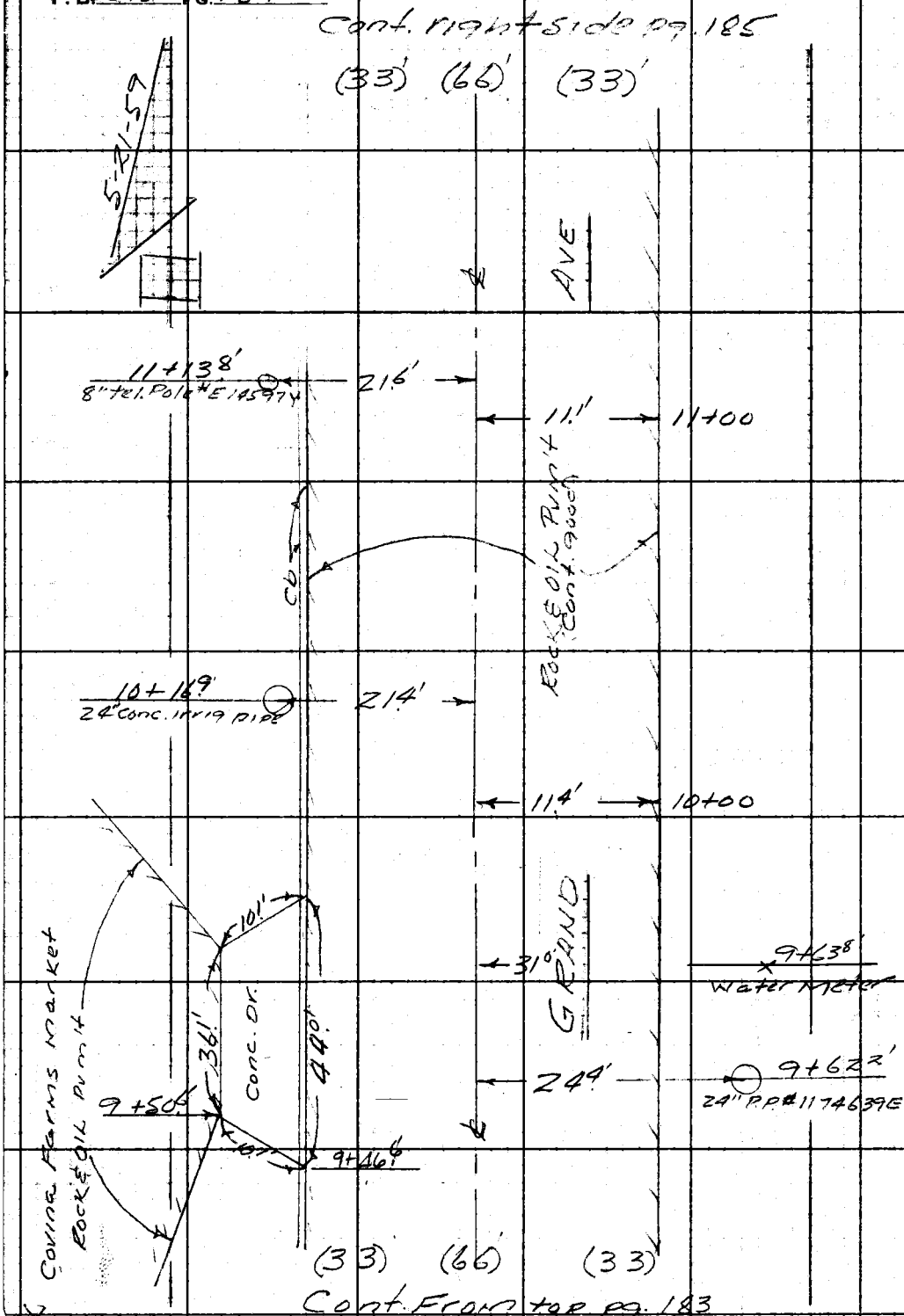
Do not extend notes this side of this line.

765098 CE #247—7-53

F. B. 2545 PG. 184



RETURN TO
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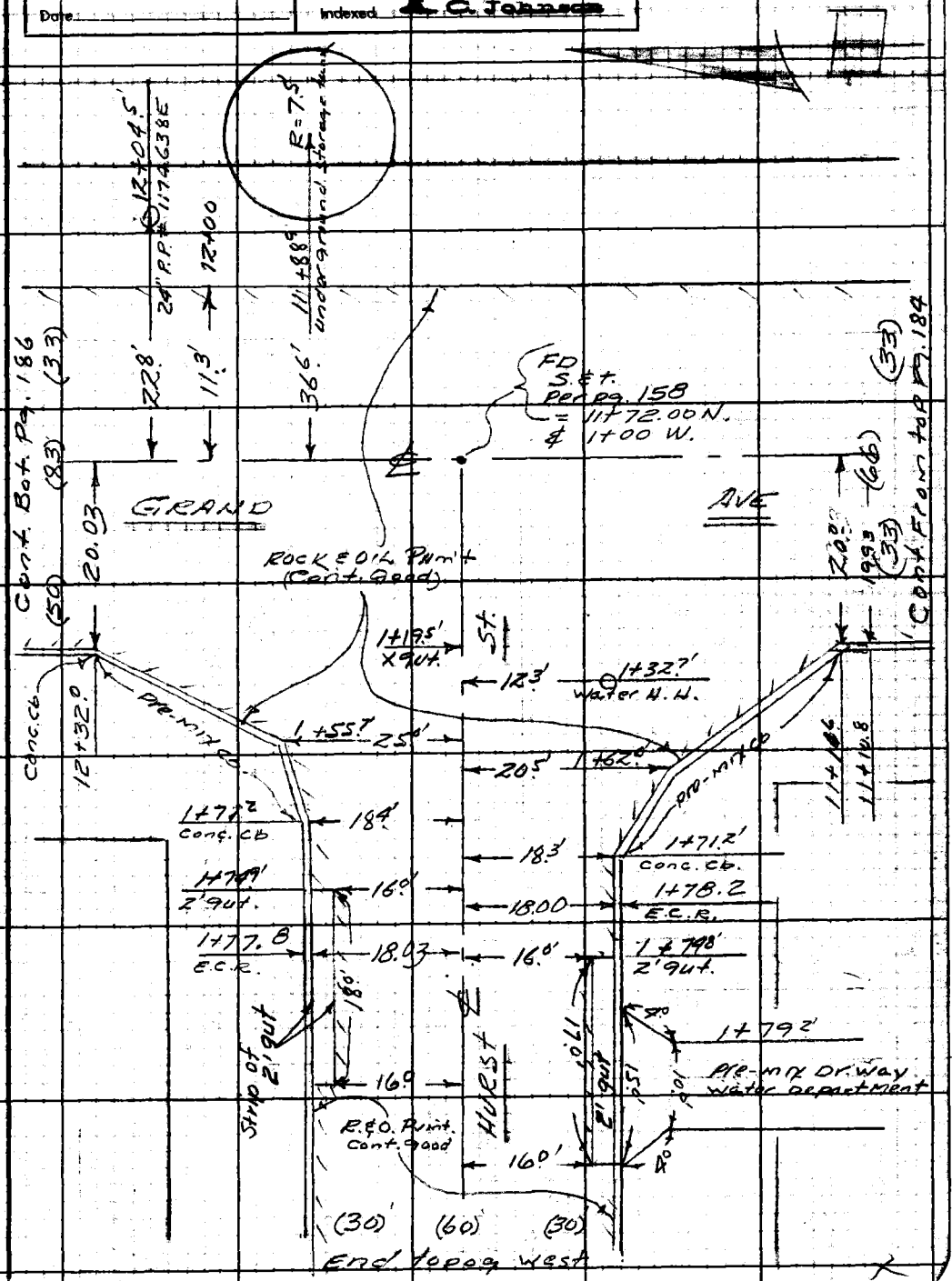
Notes Ck'd by	Survey of Covina Storm Dr.	F. B. 2545 Pg. 185
Map No.	IN 086605 Tape 0164 Std 68 °F	
Office Work	Surveyed by Stock	
Checked	Notes Moody Date 5-21-59	
Date	Indexed C. Johnson	



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RETURN TO
LOS ANGELES COUNTY ENGINEER
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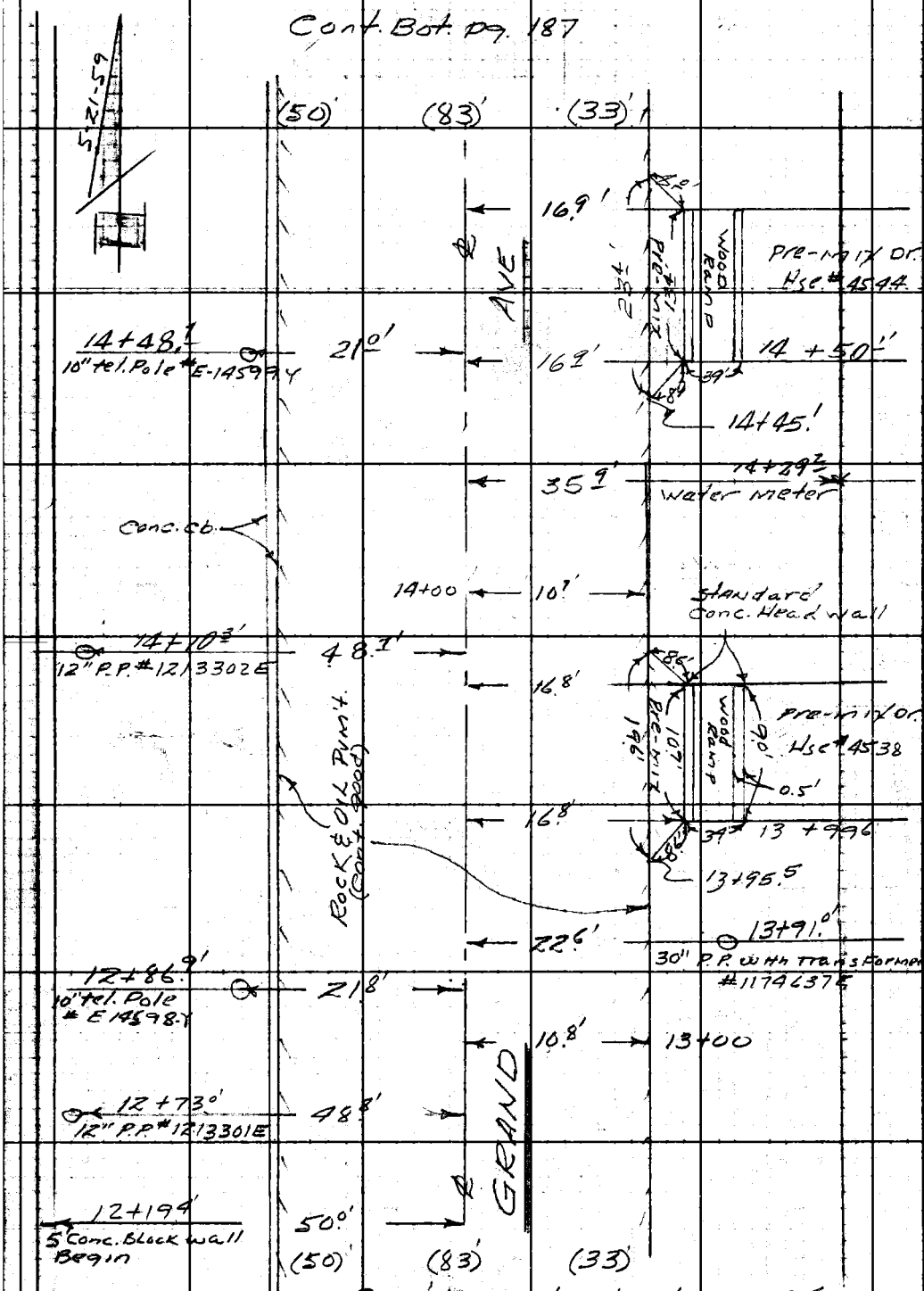
763098 CE #247—7-53

F. B. 2545 PG. 186

Cont. Bot. pg. 187



Cont. From Left side pg 185

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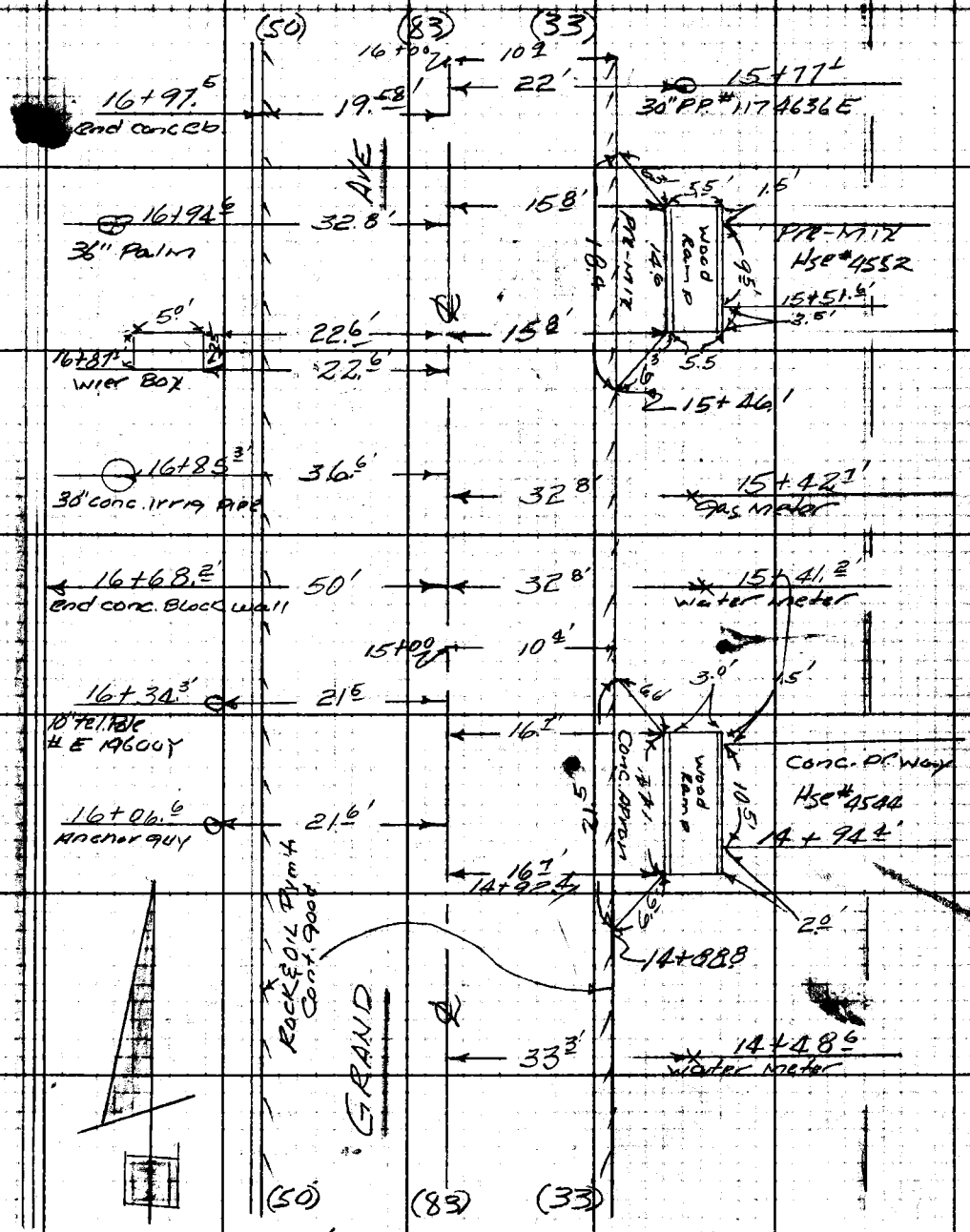
Notes Ck'd by	Survey of Covina Storm Dr
Map No.	IN 0861.06 Tape 0162 Std 68 °F
Office Work	Surveyed by Stock
Checked	Notes Moody Date 5-21-59
Date	Indexed C. Johnson

F. B. 2545 PG. 187

Cont. right side pg. 188



Cont. From top pg. 186

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763098 CE #247—7-59

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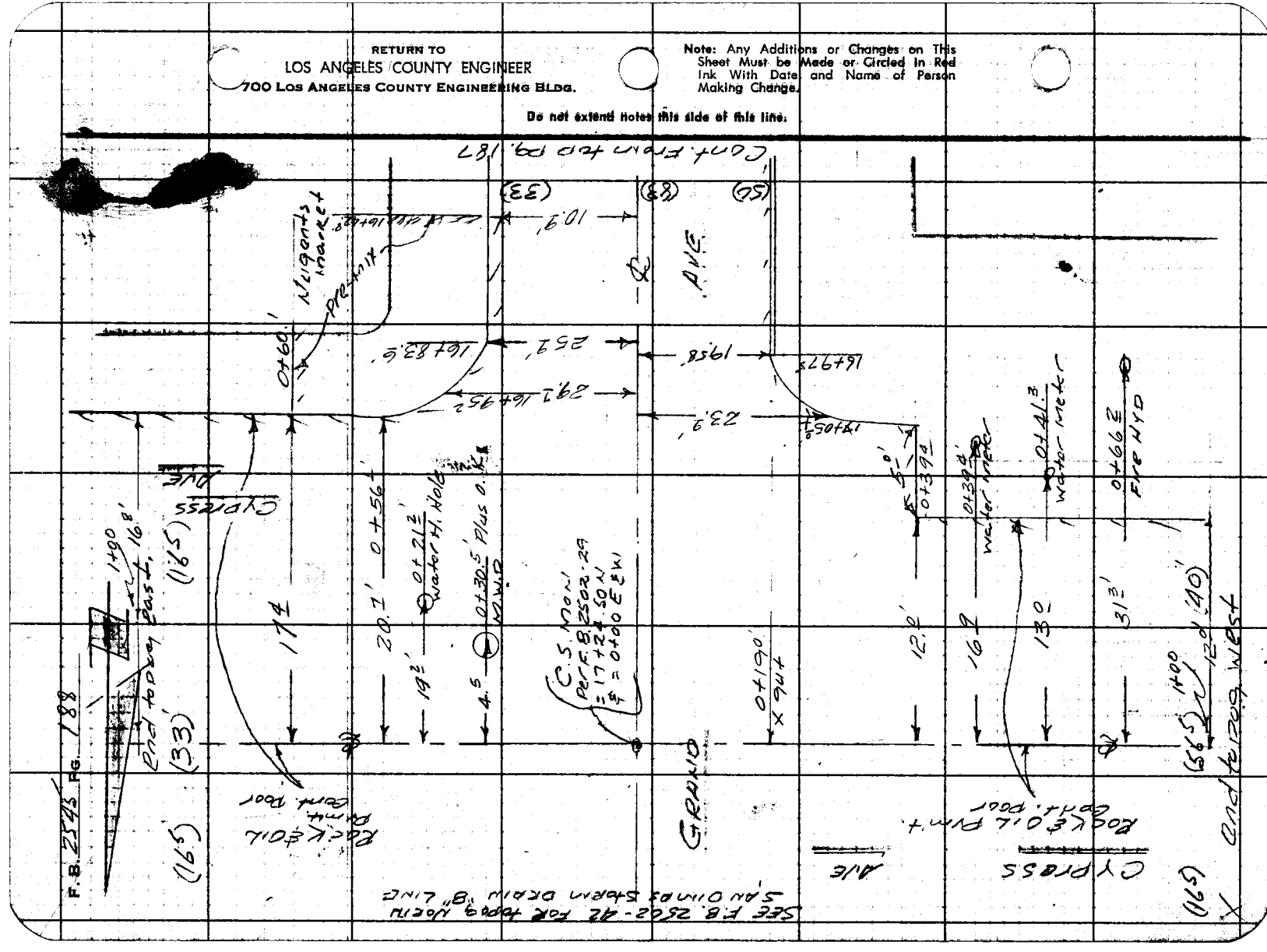

Profile No. X-Sec. No.

Notes Red. Date Notes Chkd. Date

Plotted Date Checked Date

Job No. 0861.05 Division No.

Survey of COVINA STORM DRAIN

Survey by STOCK Notes STOCK Date 5-22-59

Map No. Indexed C. John Date 5-29-59

F. B. 2545 Pg. 195

COVINA STORM DRAIN

"C" SECTION

GRAND AVE FROM SAN BERNARDINO

RD. TO CYPRESS ST.

J.N. 0861.05

PROJECT #423

PROFILE & CROSS SECTIONS

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

PARTY

STOCK

MOODY

VALDEZ

LYBRAND

BICKSLER

X

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76L-298 S & E #307—1-56

298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
B.M. S.D. 185				619.01	B.M. S.D. #185 Elev. 619.013 F.B. 2540-17 GRAND AVE. & WINGATE ST. N.E. COR., BT SPK IN CURB 35' N. OF N. END C.R.	
0+00				605.1		℄ = Transite Line Charter Oak Creek
				605.4		2' R(S) bot
				606.9		3' " brk
				608.0		18' " "
				614.0		27' " Top bank
				614.2		45' " PI
				605.4	3' L(N) bot	
				607.1	" " brk	
				615.4	19' " Top bank	
				620.1	34 "	
0+50				606.4		℄
				606.7		4 R(S) bot
				609.2		8' " brk
				611.9		20' " "
				617.1		31' " Top bank
				617.1		46' "

X

F. B. 2545 Pg. 196 Job No. 0861.05 Division No. Notes Red. Date Checked Date No. X-Sec. Profile

Survey of COVINA STORM DRAIN Date Notes Chkd. Date Checked Date No.

Survey by ~~Sepak~~ C.G. Valdez Date

Indexed Date

76L-298 S & E #307—1-56

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61246

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
0+50				606.4	4'L(N) bot	
				622.1	27' " Top bank	
				622.3	42' "	
1+00				606.6		℄
				605.9		5'R(S) bot
				610.8		6' " brk
				618.5		30' " Top bank
				618.0		45' "
				606.6	3'L(N) bot	
				608.9	5' " brk	
				624.4	24.5' " Top bank	
				621.1	40' "	
1+30.85				605.13		℄ Top 3/4 [illegible] P. dn
1+30				606.3		℄ bot ground normal
				606.2		4'R(S) bot
				612.6		7 " brk
				606.7	7'L(N) bot	
				608.7	9' " brk	
				6[illegible]0	18' " "	
				6[illegible]7	30 " Top	

X

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0861.05 Division No. ____ F. B. 2545 Pg. 197
X-Sec. No. ____ Date ____ Date ____ Survey of COVINA STORM DRAIN
Notes Chkd. ____ Checked ____ Survey by STOCK [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
1+50				606.1		℄
				606.8		6' R(S) bot
				612.3		8 " brk
				616.5		14 " "
				619.6		28' " Top
				619.8		43' "
				607.2	4' L(N) bot	
				609.2	6' " brk	
				610.4	13' " "	
				621.1	29' " Top bank	
				620.8	45' "	
2+00				607.8		℄
				607.9		5' R(S) bot
				616.6		21' " Top
				617.1		36' "
				608.[illegible]	8' L(N) bot	
				620.1	25' " Top	
				619.4	40' "	
2+50				608.9		℄
				608.1		6' R(S) bot
				618.0		26' " Top

F. B. 2545 Pg. 198
Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STOCK Notes C. G. Valdez 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+50				618.8		41 R(S)
				610.9	4' L(N) bot	
				614.3	9' " brk	
				618.9	21' " Top bank	
				616.9	36' "	
2+68.0				608.2		℄ bot channel
				616.18		℄ Top 10" Pipe
2+61.6				608.2		℄
				607.7		7.8' R(S) bot @ End Wall
				610.25		8' " Top End Wall
2+77.2				609.30		℄
				610.06		5.6 R(S) bot box
2+78.2				60[illegible]		℄
				609.30	6.4' L(N) bot channel	
				613.40	6.5' " " 5' conc drain from North	
				616.44	" Top West Wall " " "	
2+81.1				610.21		℄ bot
2+85.0				610.38		℄
X						

Profile No. X-Sec. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 3861.05 Division Survey of COVINA Survey by STOCK Notes Date Map No. Date Job No. 2345 Pg. 199 M DRAIN

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+85.0				610.36	5.1 L(N) bot box bridge
				613.44	" " " 5' Conc drain from North
				618.98	" " Top Head Wall bridge
3+00				618.70	℄ Top on pvmt
				610.75	below road ℄ in bot box bridge
	BEGIN PROFILE & X-SECTIONS EAST IN CHARTER OAK CREEK INT ℄ GRAND AVE. = 0+00 EAST				
0+00				610.75	℄
0+11.2				610.93	10.1 R(S) bot
0+19.6				611.17	1.0' L(N) bot
0+23.5				611.9	℄ channel
"				617.10	℄ & Top 12" Pipe Line crossing Creek
0+18.5				611.0	℄
				611.6	15' R(S) bot @ End Wing Wall
				616.46	" " Top "

X

F. B. 2545 Pg. 200 Job No. 61.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No.
Survey by STOCK Notes C.G. Valdez 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.		℄
0+31.3				610.8		℄
				611.53	5.7 L(N) bot	
				616.12	" " Top	
0+34.0				611.4		℄
				611.6	2.5 L(N) bot channel	
				613.23	" " bot 3' drain from North	
				615.65	" " Top ∡ Pt Rockwall	
0+43.0				613.8		℄ bot Wall
+ 43.5				616.01		℄ Top Wall
0+50				615.8		℄
				616.00		1.9' R(S) Top Wall
				613.9		" bot @ wall
				616.8		9.4' " bot Wash
				616.9		15' " " "
				613.2		18' " brk
				613.1		21.7' " bot @ wall
				615.86		" " Top Wall
				617.2		24' " brk
				618.0		39' "
				615.1	15' L(N)	

Profile No. X-Sec. No. Date Notes Red. Date Notes Chkd. Plotted Date Checked Job No. 0861.05 Division No. Survey of COVINA STORM DRAIN Survey by STOCK Notes Valdez Date 5-22-59 Map No. Date Index C. Johnson

F. B. 2345 Pg. 201

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+00				615.8		℄
				615.71		14.7 R(S) Top Wall
				612.8		15. " bot@wall
				611.5		19' " bot Wash
				611.6		26' " " "
				613.4		28' " brk
				614.2		36.6 " bot@wall
				615.80		" " Top of "
				616.8		52' "
END PROFILE & X-SECTIONS CHARTER, OAK CREEK EAST						
BEGIN PROFILE & X-SECTIONS SOUTH ON GRAND AVE.						
0+00				618.70		℄ Pvmt on bridge
0+02.7				618.98		14.1 R(W) Top N.end H.Wall
0+03.9				618.96	14.1' L(E) Top S.end Headwall	
0+31.0				618.89		℄
				618.49		11.2' R(W) edge pvmt
				618.2		16' " Top
				618.80	11' L(E) pvmt Join	
				618.69	19' " W14	
				6[illegible].07	36' " edge gut	
				617.93	38' " F.L. "	

X

F. B. 2545 Pg. 202 Job No. 0861.05 Division No. Notes Red Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STOCK Notes C. G. Valdez Notes Chkd. Checked
Indexed L. 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+31.0				618.57	38' L(E) T.cb	
				618.71	50' " P/L back of walk	
1+00				619.43	℄	
				619.19		13' R(W) W/4
				618.92		26' " Pvm't edge
				619.1		33' " P/L
				619.42	11.0' L(E) Pvm't join	
				619.25	19 " W/4	
				618.64	36 " edge gut	
				618.47	38 " F.L. "	
				619.10	" " T.cb	
				619.35	50 " P/L back of Walk	
				END PROFILE & X-SECTIONS GRAND AVE. SOUTH		
				RESUME PROFILE & X-SECTIONS GRAND AVE. NORTH		
3+01				618.67	℄	
				618.57		11.4 R(E) edge pvmt
				618.35	9' L(W) edge pvm't	
				618.15	14' " Top Conc Wall	of 5' drain
				613.50	15' " bot	" " "
				613.44	17.5 " " ℄	" " "
				613.45	20' " "	" " "

Profile No. X-Sec. No. Date Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 0861.05 Division No. Survey of COVINA STORM DRAIN Survey by STOCK Notes Valley Date 5-22-59 Map No. Date

F. B. 2545 PG. 203

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+01				616.50	20.5 L(W) Top Conc Wall West side 5' drain
				615.2	33 " P/L
3+22.2				618.56	℄
				618.51	11' R(E) edge pvmt
				618.2	15.5 " brk
				616.15	21.2 " Top West Wall 3 drain
				613.35	22.2 " bot
				613.26	25.2 " " East side
				615.67	26.2 " Top " "
				615.2	33' " P/L
3+92.6				618.56	℄
				618.54	11.0' R(E) edge pvmt.
				618.4	14' " brk
				617.64	20.6 " Top Rock Wall
				616.21	21.4 " bot Conc box Dr.
				616.21	25.2 " " " " "
				617.71	25.7 " Top Rock Wall
				618.2	33' " P/L
3+85.4				617.87	14.2 L(W) Top N. end Conc Wall 5' Conc Drain
				615.07	15' L(W) bot " " "
				615.06	20' " bot " " "

F. B. 2545 Pg. 204 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No.
Survey by STOCK Notes C. G. Valdez Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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Profile Notes Red____ Plotted____ Job No. 0861.05 Division No.____
No.____ Date____ Date____ Survey of COVINA STORM DRAIN
X-Sec. Notes Chkd.____ Checked____ Survey by STOCK Notes VALLEY Date 5-12-59
No.____ Date____ Date____ Map No.____ Indexed____

F. B. 2545 Pg. 205

STATION	B. S.	H. I.	F. S.	ELEV.	℄
3+85.4				618.03	20.3 L(W) Top Conc Wall Nend 5 Conc Drain
				617.9	33' " P/L
3+93.2				618.57	℄
				618.57	11.2' L(W) edge pvmt
				618.34	15' " brk
				616.44	16.4 " bot Conc box Drain
				616.38	19.4 " " " " "
				618.5	21' " brk
3+99.1				618.66	℄ Top South Rail
4+02.42			0	618.65	℄ INT. S.P.R.R R/W
		BEGIN PROFILE & CROSS SECTIONS SOUTHERN PACIFIC R.R. R/W			
					WEST ℄ INT GRAND AVE. = 0+00
0+00				618.66	℄
0+13.1				618.65	℄ edge pvmt
				618.69	2.3 L(S) Top Rail
				618.67	2.3' R(N) Top Rail
0+50				618.22	℄ Top Tie
				618.65	2.3 R(N) Top Rail
				618.4	5.6 " bot ballast
				618.8	16.5 " P/L

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+50				618.66	2.3 L(S) Top Rail	
				618.1	5.6 " bot ballast	
				617.0	14.0 " drain	
				618.7	16.5 " P/L	
1+00				618.24		℄ Top Tie
				618.69		2.3 R(N) Top Rail
				618.2		5.6 " bot ballast
				618.0		16.5 " P/L
				618.69	2.3' L(S) Top Rail	
				617.5	5.6 " bot ballast	
				616.5	18.4 " drain	
					~~16.5' " P/L~~	

END PROFILE & X-SECTIONS WEST ON SOUTHERN PACIFIC R.R. R/W
BEGIN EAST

0+14.2				618.68		℄ edge pvmt
				618.67		2.3' R(S) Top Rail
				618.68	2.3' L(N) Top Rail	
0+50				618.34		℄ Top Tie
				618.74		2.3' R(S) Top RAIL
				617.9		5.8 " bot ballast
				617.7		16.5 " P/L

F. B. 2545 PG. 206
Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STOCK Notes C.G. Valdez Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	℄	
0+50				618.73	2.3' L(N) Top Rail	
				618.2	4.6' " bot. ballast	
				618.8	9.0' " Top brk.	
				618.9	16.5 " P/L	
1+00				618.59	℄	
				619.01		2.3' R(S) Top rail
				617.4		7.0' " bot. ballast
				616.4		16.5 " P/L
				619.03	2.3' L(N) Top rail	
				618.2	6.4' " bot ballast	
				618.5	16.5 " P/L	
		END PROFILE & X-SECTION R.R. R/W EAST				
		RESUME GRAND AVE. NORTH				
4+05.7				618.69	℄ Top N. rail	
4+11.0				618.71	℄	
				618.40	21.5' R(E)	Top
				616.53	" "	bot Drain
				616.51	25.9 "	bot "
				618.40	" "	Top

X

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0861.05 Division No. ____ F. B. 2545 Pg. 207
X-Sec. No. ____ Date ____ Date ____ Survey of COVINA STORM DRAIN
Notes Chkd. ____ Checked ____ Survey by STOCK Notes Valdez Date 5-25-59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible]

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. R.	H. I.	F. S.	ELEV.		℄
[illegible]				618.28	16' L(W) Top box	
				616.33	" " bot drain	
				616.40	19.2' " bot "	
				618.27	" " Top box	
4+33.1				618.90		℄
				618.72		10.8 R(E) edge pvmt
				618.06		19.6 " gut
				618.45		21.6 " bot @ wall
				619.67		22' " Top Wall
				620.2		33' " P/L
4+36.8				618.96		℄
				618.70	12.9 L(W) Pvm't Join	
				618.66	20' " W/4	
				618.18	38' " gut edge	
				618.14	40' " " F.L.	
				618.92	" " T.cb	
				619.33	50' " P/L back of Walk	

F. B. 2545 Pg. 208 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STOCK Notes C. G. Valdez Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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Profile No. Notes Red. Plotted Job No. 2861.05 Division No.
X-Sec. No. Date Date Survey of COVINA STORM DRAIN
Notes Chkd. Checked Survey by Stock Notes Date 5-25-57
Date Date Map No. Indexed

STATION	B. S.	H. I.	F. S.	ELEV.		℄
5+00				620.00		℄
				619.85		11' R(E) edge pvmt
				619.5		13' " F.L.
				620.0		21.6' " bot @ wall
				621.76		21.7' " Top
				622.3		33' " P/L
				619.65	20' L(W) W/A	
				619.17	38' " edge gut.	
				619.13	40' " F.L. "	
				619.89	" " T.cb.	
				620.15	50' " P/L back of walk	
5+53.0				620.82		℄
				620.64		11.0' R(E) pvmt edge
				620.4		14.4' " F.L.
				620.5		29.2' " brk
				621.0		33' " P/L
				620.43	20' L(W) W/A	
				619.95	38' " edge gut	
				619.92	40' " F.L. "	
				620.71	40' " T.cb.	

2545 PG. 209

76L-298 S & E #307—1-56

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F. B. 2345 Pg. 210 | Job No. 086185 | Division No. | Notes Red. | Date | Plotted | Date | Profile | No.
Survey of Covina Storm Drain | Date | Notes Chkd. | Date | Checked | Date | X-Sec. | No.
Survey by Stock, Notes C. G. Valdez
Indexed L. C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.	℄
5+53.0				620.91	50' L(W) P/L back of walk
6+53.0				622.31	℄
				622.29	11.2' R(E) edge pvmt
				621.0	17.9 " F.L.
				621.4	21.7 " bot @ wall
				623.54	21.8 " Top "
				624.0	33' " P/L
				621.80	20' L(W) W/A
				621.71	38' " edge gut
				621.20	40' " F.L. "
				621.30	40' " T.cb. Top Driveway
				622.30	50' " P/L back of walk
6+93.0				622.64	℄
				622.49	11.2' R(E) edge pvmt
				621.1	19.5' " F.L.
				621.4	21.7' " bot @ wall
				624.34	22' " Top "
				624.2	33' " P/L
				622.05	20' L(W) W/A
				621.55	38' Edge gut

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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.	℄
6+93.0				621.44	40' L(W) F.L. gut
				622.41	40' " T. Cb.
				622.62	50' " P/L back of walk
7+39.89				622.78	℄ INT EDNA PL.
Fd.					
B.M.S.D.# 186				623.44	B.M.S.D.#186 ELEV. 623.441 F.B. 2540-17 GRAND AVE. & EDNA PL. N.E. COR., BT SPK. IN CURB 5' E. OF E. END C.R..
	BEGIN PROFILE & X-SECTIONS EDNA PL WEST 0+00 = ℄ INT. GRAND AVE.				
0+00				622.78	℄
+20				622.27	℄ W/4
+37.1'				621.86	℄ E. edge conc x-gut
+40.'				621.77	℄ F.L. " " "
+43.0'				621.85	℄ W. edge " " "
0+52.6				622.17	S.S.M.H. on ℄ Mean Rim
	E. Rim = 622.15			614.25	Invert 9" Inlet E.
	W. Rim = 622.19			614.17	Invert 9" Outlet W.
	Mean Rim = 622.17				
	Meas. Dn 7.24				
	614.93				
	Dia. .76				
	614.17				

622.17 Mean Rim
7.17 Meas. Dn.
615.00
.75 Dia
614.25

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0861.05 Division No. ____ F. B. 2545 Pg. 211
X-Sec. No. ____ Date ____ Date ____ Survey of COVINA STORM DRAIN
Notes Chkd. ____ Checked ____ Survey by STOCK Date 5-25-59
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		℄
0+87.1				622.29		℄
				621.14		30'R(N)
				622.28	12' L(S) W/4	
				622.11	23' " edge gut	
				621.95	24' " F.L. gut	
				622.05	24' " T.cb on Top Driveway	
				622.53	30' " P/L back of Walk	
1+27.1				621.27		℄
				620.74		30'R(N)
				621.08	12' L(S) W/4	
				620.86	23' " edge gut	
				620.78	24' " F.L. gut	
				621.41	24' " T.cb	
				621.56	30' " P/L back of Walk	
2+27.1				618.84		℄
				617.8		30'R(N)
				618.66	12' L(S) W/4	
				618.40	23' " edge gut	
				[illegible].31	24' " F.L. gut	
				618.95	" " T.cb	
				619.11	30' " P/L back of Walk	

F. B. 2545 Pg. 212 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STOCK Notes C. G. Yalder 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.		℄
END PROFILE & X-SECTION EDNA PL. WEST BEGIN EAST						
				℄ INT GRAND AVE. = 0+00 EAST		
0+10.2				622.77		℄
0+51.0				622.46		℄
0+55.5				622.47		℄
				622.55	23.7' L(N) gut	
				622.97	" " T.cb	
0+55.7				622.48		℄
				622.57		23.9' R(S) gut
				622.94		" " Tcb
0+85.0				623.33		℄
				623.25		9' R(S) W/4
				623.01		17' " gut edge
				622.95		18' " " F.L.
				623.60		18' " T.cb
				623.70		23' " back of walk
				623.8		25' " P/L
				623.19	9' L(N) W/4	
				622.93	17 " gut edge	
				622.88	18 " " F.L.	
				623.52	18 " T.cb	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0861.05 Division No. ____ F. B. 2545 Pg. 213
X-Sec. No. ____ Date ____ Date ____ Survey of COVINA STORM DRAIN
Notes Chkd. ____ Checked ____ Survey by STOCK Notes Valdez Date 5-25-59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible]

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+85°				623.66	23' L(N) back of Walk
				623.7	25' "
1+25				623.99	℄
				623.88	9' R(S) W/4
				623.65	17' " gut. edge
				623.59	18' " " F.L.
				624.20	18' " T.Cb
				624.37	23' " back of Walk
				624.52	25 "
				623.81	9' L(N) W/4
				623.63	17' " gut edge
				623.59	18' " " F.L.
				624.22	18' " T.Cb.
				624.38	23' " back of Walk
				624.5	25' "
2+25				625.08	℄
				624.98	9' R(S) W/4
				624.80	17' " edge gut
				624.69	18' " F.L. "
				625.31	" " T.cb
				625.44	23' " back of walk

F. B. 2345 Pg. 214 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STACK Notes C.G. Valdez Notes Chkd. Checked No.
Indexed Date Date Date

76L-298 S & E #307—1-56

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Profile Notes Red. Plotted Job No. 2861.05 Division No.
No. Date. Date. Survey of COVINA STORM DRAIN
X-Sec. Notes Chkd. Checked Survey by Steck Notes Voided Date 5-25-59
No. Date. Date. Map No. Inked

F. B. 2545 Pg. 215

STATION	B. S.	H. I.	F. S.	ELEV.		℄
2+25				625.5		25' R(S) P/L
				624.95	9' L(N) W/A	
				624.72	17' " gut. edge	
				624.66	18' " " F.L.	
				625.32	18' " T.cb.	
				625.43	23' " back of walk	
				625.5	25' " P/L	
	END	PROFILE &	X-SECTIONS	EDNA PL	RESUME	
				GRAND AVE. NORTH		
*6+98.6				621.43		19.8 R(E) & invert 12" I.P. Drain outlet
					DRAIN	
7+79.0				621.60	@ EDNA EAST	20.0 R(E) & invert 12" I.P. Drain Inlet
7+64.8				622.81		℄
				622.82		11' R(E)
				622.68		17.8' " edge pvmt
				621.82		20.3' " F.L.
				622.4		33' " P/L
				622.58	10' L(N) W/A	
				622.20	19.9' " gut	
				623.51	20' " Tcb	

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

F. B. 3345 Pg. 216 | Job No 2861.05 | Division No | Notes Red | Date | Plotted | Date | Profile | No.
Survey of Covina Storm Drain | Date | Notes Chkd. | Date | Checked | Date | X-Sec. | No.
Survey by Stock Notes C.G. Valdez
Indexed C. Tabares Date

STATION	B. S.	H. I.	F. S.	ELEV.		℄
7+64.8				623.3	21 L(W) back curb	
"				622.1	33 "	
8+04.8				622.87		℄
				622.15		11' R(E) edge pvmt
				622.3		20.4' " F.L.
				622.5		21.5 " bot @ wall
				623.85		22' " Top
				623.6		33' " P/L
				622.60	10' L(E) W/L	
				622.32	19.9' " gut	
				623.60	20' " T.cb	
				623.1	21 " back of curb	
				621.8	33 "	
9+04.8				623.07		℄
				622.92		11.3 R(E) edge pvmt
				622.63		18' " F.L.
				622.8		21.3 " bot. brk
				623.9		22.2 " Top brk

76L-298 S & E #307—1-56

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Profile Notes Red. Plotted. Job No. 0861.05 Division No.
No. X-Sec. Date Date Survey of COVINA STORM DRAIN F. B. 2545 Pg. 217
Notes Chkd. Checked Survey by STACK Notes Valdez Date 5-25-59
No. Date Date Map No. Inked C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.		℄
9+04.8				622.7		33' R(W) P/L.
				622.83	10' L(W) W/A	
				622.47	19.9' " gut	
				623.77	20' " T.C.b.	
				623.5	21' " back of curb	
				622.0	33' " P/L	
9+70.8				623.32		℄
				623.18		11.4' R(E) edge pvmt
				622.7		16.6 " F.L.
				622.6		19.8 " bot. brk.
				623.1		26.6 " brk
				623.0		33' " P/L
				623.10	10' L(W) W/A	
				622.58	19.9 " gut	
				622.78	" " brk driveway	
				624.03	33' " P/L	
10+70.8				623.58		℄
				623.42		11' R(E) edge pvmt
				623.1		16.' "

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
10+70.8				623.4		33' R(E) P/L.
				623.32	10' L(W) W/4	
				622.88	19.9 " gut	
				624.13	20 " T.cb	
				624.4	33' " P/L	
11+10.8				623.71		℄
				623.59		11.1 R(E) edge pvm't
				623.0		15.0 " brk
				623.1.		20.8 " F.L.
				623.7		23.9 " brk
				623.6		33' " P/L.
				623.49	10' L(W) W/4	
				622.88	19.9 " gut	
				624.29	20 " Tcb	
				624.2.	33 " P/L	
11+72.00				623.92		INT ℄ HURST ST.

F. B. 2545 Pg. 218 Job No. 2861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STACK Notes C. G. Valdez Notes Chkd. Checked
Indexed [illegible] Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	℄
Fd B.M.S.D #187				623.40	B.M. S.D. #187 ELEV. 623.403 F.B. 2540-17 GRAND AVE & HURST ST. N.W. COR. NAIL IN CHISELED CROSS IN CURB 1.5' W. OF W. END C.R.
BEGIN PROFILE & CROSS SECTIONS HURST ST WEST ℄ INT GRAND AVE. = 1+00 WEST.					
0+00				623.9	℄ prod
0+67				623.9	℄ " & P/L
0+68.5				624.6	℄ " @ brk
0+70.1				623.2	℄ " " bot
0+72.2				623.1	℄ " " bot
0+88.8				623.97	℄ edge pvmt
1+00				623.92	Pvmt @ ℄ INT GRAND AVE.
1+10				623.69	℄ W/4
1+20				623.12	℄ F.L. X-gut
1+50				624.05	℄ TOP
1+87.8				622.60	℄
				622.76	9' R(N) W/4
				622.76	16' " edge gut
				622.59	18' " F.L. "
				623.21	18' " T.cb

Profile No. ____ Notes Red. ____ Plot ____ Job No. 0861.05 Division No. ____ F. B. 2545 Pg. 219
X-Sec. No. ____ Date ____ Date ____ Survey of COVINA STORM DRAIN
Notes Chkd. ____ Checked ____ Survey by STOCK Notes Valdez Date 5-25-57
No. ____ Date ____ Date ____ Map No. ____ Index ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
1+87.8				623.6.		30' R(N) P/L
1+88.2				622.37	9' L(S) W/4	
				622.08	16' " edge gut	
				621.93	18' " F.L. "	
				622.05	18' " T.cb Top Driveway	
				622.4	30' " P/L	
2+28.2				621.37		℄
				621.52		9' R(N) W/4
				621.47		16' " gut ed
				621.25		18' " F.L.
				621.90		18' " T.cb.
				622.3		30' " P/L.
				621.09	9' L(S) W/4	
				620.73	18' " gut F.L.	
				621.33	18' " T.cb	
				621.2	30' " P/L	
3+28.2				619.18		℄
				619.27		9' R(N) W/4
				619.50		16 " gut edge
				619.00		18' " gut F.L

F. B. 2545 Pg. 220 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STOCK Notes C.G. Valdez Notes Chkd. Checked
Indexed C. Johnson Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		℄
3+28.2				619.67		18' R(N) T.cb
				620.1		30' " P/L
				618.95	9' L(S) W/4	
				618.65	18' " gut	
				619.22	18' " Tcb	
				619.4	30' " P/L	
		END PROFILE & X-SECTIONS HURST ST. RESUME GRAND AVE. NORTH.				
2+32.0				624.44		℄
				624.23		11.2' R(E) edge pvmt
				623.3		17.0 " F.L.
				624.3		22.5 " brk
				623.9		33' " P/L
				624.16	10' L(W) W/4	
				623.61	20' " gut	
				625.01	" " Tcb	
				624.7	21' " back of curb	
				624.3	50' " P/L @ Conc Block Wall	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0861.05 Division No. ____ Pg. 221
X-Sec. No. ____ Date ____ Date ____ Survey of COVINA ST[illegible] RAIN
Notes Chkd. ____ Checked ____ Survey by STOCK Notes [illegible] Date 5-25-59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible]

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		℄
12+72.0				624.78		℄
				624.60		11' R(E) edge pvm't
				623.3		20 " F.L.
				624.7		21 " brk
				624.2		33' " P/L
				624.43	10' L(W) W/4	
				624.08	20' " gut.	
				625.35	20' " T.cb.	
				624.54	21' " back of curb	
				623.4	29' " bot. brk.	
				623.3	50 " P/L	
13+72.0				625.65		℄
				625.59		10.8' R(E) edge pvm't
				624.7		20.6 " F.L.
				626.8		22.8 " brk
				625.6		33' " P/L
				625.35	10' L(W) W/4	
				624.91	20' " gut	
				626.22	20' " T.cb.	
				625.9	21' " back of curb	

F. B. 2545 Pg. 222 Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No.
Survey by STOCK Notes C. G. Valdez Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
13+72.0				623.7	29' L(W) brk	
				623.9	50' " P/L	
14+50				626.22		℄
				626.30		10.6' R(E) edge pvmt
				626.4		16.9 " TOP
				624.7		17.0 " F.L.
				624.7		20.2 " "
				626.7		21.2 " brk
				626.8		33' " P/L
				625.91	10' L(W) W14	
				625.62	20' " gut	
				626.90	20' " Tcb	
				626.37	21' " back of curb	
				624.3	29' "	
				624.7	50' " P/L	
15+00				626.55		℄
				626.58		10.4 R(E) edge pvm't
				626.80	on Driveway	16.4 " F.L.
				626.79	" "	20.4 " brk
				627.1		33. " P/L
				626.17	10 L(W) W14	
				625.76	20 " gut	

4

Profile No. X-Sec. No. Date Notes Red. Date Notes Chkd. Plotted Date Checked Job No. 0861.05 Division No. Survey of COVINA STORM DRAIN Survey by STOCK Notes Yalde Date 5-25-59 Map No. Date Indexed by C. Johnson

F. B. 2545 Pg. 223

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	℄
15+00				627.13	20' L(W) Tcb
				626.7	21' " back of curb
				625.0	28' "
				625.1	50 " P/L
15+47.5				626.73	℄
				626.80	10.4 R(E) edge pvmt
				627.1	14.9 " brk
				625.3	17.0 " bot
				625.6	21.0 " "
				627.5	22.7 " brk
				627.4	33 " P/L
				626.36	10' L(W) W/4
				625.70	20' " gut
				627.22	20' " T.cb
				626.5	21' " back of curb
				625.3	28' "
				625.3	50' " P/L @ Wall
16+47.5				627.20	℄
				627.26	10.4 R(E) edge pavmt X
				626.57	18.0 " F.L.

F. B. 2545 Pg. 224 Job No. 0861 05 Division No. Notes Red. Plotted Profile
Survey of COVINA STORM DRAIN Date Date No. X-Sec.
Survey by STOCK Notes C. G. Valdez Notes Chkd. Checked No.
Indexed Date Date Date

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

Profile Notes Red _____ Plotted _____ Job No. 0561.05 Division No. _____
No. _____ Date _____ Date _____ Survey of COVINA STORM DRAIN
X-Sec. Notes Chkd _____ Checked _____ Survey by Stock Notes Valdez Date 5-25-59
No. _____ Date _____ Date _____ Map No. _____ Indexed _____ Checked _____

F. B. 2345 Pg. 1225

STATION	B. S.	H. I.	F. S.	ELEV.	℄
16+47.5				627.72	33' R(E) P/L
				626.86	10' L(W) W/A
				626.27	19.9 " gut
				627.56	20' " T.cb
				627.4	21' " back of curb
				625.3	30' "
				625.2	50' " P/L @ block Wall
16+97.5				627.53	℄
				627.53	10' R(E) edge pavemt
				626.83	18' " F.L.
				627.9	28' " Top. bck
				627.8	33' " P/L
				627.10	10' L(W) W/A
				626.60	20' " gut
				628.10	20' " Tcb
				628.0	29' " back of curb
				626.7	43' "
				625.9	50' " P/L @ Wall
17+24.50				627.13	on Pavmt ℄ INT CYPRESS ST.
				627.16	on C.S. Mon. ℄ " " "

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	℄
Fd B.M. 39-5				627.16	B.M. 39-5 ELEV. 627.164 F.B. 2502-16 CYPRESS AVE & GRAND AVE. ℄ INTERSECTION STD C.S. MON UNDER CAST IRON COVER.
BEGIN PROFILE & CROSS SECTIONS CYPRESS ST. WEST ℄ INT. GRAND AVE. = 0+00 WEST.					
0+10				627.45	℄ pavem't joint.
0+20				26.68	℄ F.L.
0+30				27.55	℄ Top brk
				27.55	10.7 R(N) edge pvm't
				28.0	17.2 " brk.
					(Cb. Dest.) 16.5 " Tcb
				27.55	12.0 L(S) edge pvm't
				27.9	21 " brk
				25.9	40 " P/L
0+40				[illegible]82	℄
				[illegible]70	8.0 R(N) edge pavm't
				28.2	12 " brk
				27.8	16.5 " P/L.

Profile
Plotted
Date
No.
X-Sec.
Checked
Date
No.
Notes Red.
Date
Notes Chkd.
Date
Division No.
Job No. 0861.05
Survey of COVINA STORM DRAIN
Survey by STOCK Notes C.G. Valdez
Indexed C. Jo[illegible]
Date

76L-298 S & E #307—1-56

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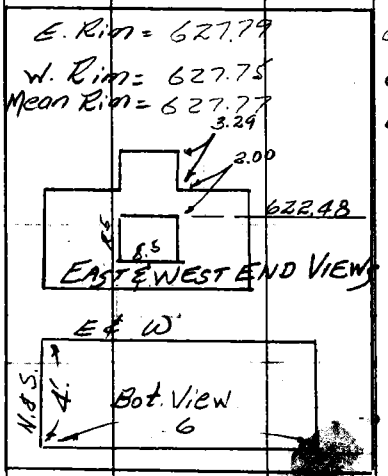
STATION	B. S.	H. I.	F. S.	ELEV.		℄
0+40.0'				627.74	11.6' L.(S) edge pavm't	
				263	28.5' " bot. brk	
				258	40' " P/L.	
0+49.1	E. Rim = 627.79			627.77	7.4' R.(N) Bel. Tel. M.H. # 253 Mean Rim.	
	W. Rim = 627.75			622.48	Top 8.5'x8.5' Conduit East	627.77
	Mean Rim = 627.77			622.48	Top 8.5x8.5 " West	− 5.29
						622.48
0+80.0'				27.42		℄
				26.90		11.8' R.(N) edge pavm't.
				26.5		16.5' " P/L.
				27.09	11.7' L(S) edge pavm't.	
				25.6	29.3' " bot. brk.	
				26.1	40' " P/L.	
1+80.0'				25.60		℄
				25.70		8.4' R.(N) edge pavm't.
				25.53		16.5' " P/L.
				25.66	11.2' L(S) edge pavm't.	
				24.4	25.0' " bot brk.	
				25.0	40' " P/L.	



End Profile & X-Section West on Cypress
Resume on Cypress East.

Profile Notes Red. Plotted Job No. 0861.05 Division No. F. B. 2545 Pg. 227
No. Date Date Survey of Covina Storm Drain
X-Sec. Notes Chkd. Checked Survey by Stock Notes Valdez Date 5-26-59
No. Date Date Map No.

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		℄
0+00				627 71		℄
0+10.7'				27 68		℄ edge pavm't.
0+23.0				27 20		℄ F.L.
0+30.5	W. Rim = 627.38			627 41	4.5' R.(S) M.W.D. M.H.	Mean Rim Elev.
	E. Rim = 627.44			*	M.H. is Sealed.	
	Mean Rim = 627.41					
0+38.0'				27 65		℄
				27 36		14' R.(S) edge pavm't.
				27 31		19' " F.L.
				27 80		26' " Top brk.
				28 13		36' " Ground
				27 43	9.5' L.(N) edge pavm't.	
				27 44	16' " F.L. gut.	
				28 64	11' " T. cb.	
				28 9	33' " P/L.	
0+78.0'				28 59		℄
				28 55		8' R.(S) W/4
				28 10		17.5' " edge pavm't.
				27 7		21' " F.L.
				28 5		30.7' " Top brk

F. B. 2545 PG. 228
Job No. 0861.05 Division No. Notes Red. Plotted Profile
Survey of Covina Storm Drain Date Date No. X-Sec.
Survey by H.R. Stock Notes C.G. Valdez Notes Chkd. Checked Date No.
Indexed A. C. Johnson Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+78.0'				62830	6' L.(N) edge pavm't	
				272	12' " F.L. gut.	
				2914	15.0' " T.cb.	
				2913	33' " P/L.	
1+78.0'				2995		℄
				3011		9' R.(S) w/L
				2971		18' " edge pavm't.
				297		19' " Top. brk.
				289		23' " F.L.
				295		26' " Top brk
				299		33' " P/L.
				2965	4' L.(N) edge pavm't	
				292	8' " bot. brk.	
				289	10' " F.L. gut.	
				3049	13.3' " T.cb.	
				303	33' " P/L.	

End Profile & X-Section East on Cypress
Resume North on Grand.
See F.B. #2502 Pg. #61

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 0861 Division No. Survey of Covina Storm Drain Survey by Stock Notes Valdez Date 5-26-59 Map No. Indexed C. Johnson

F. B. 2545 Pg. 229