NOTES RED. JOB NO. 0301.02 SURVEY OF Narbonne Ave SD #688 F. B. 2588 PG. 7
DATE SURVEY BY D. Sappell
C. BURCHACKERS NOTES BY D.S. DATE 11-20-63
DEC 17 '63 INDEXED C. J. GALLI DATE DEC 17 '63

J.N. 0301.02

NARBONNE AVE

STORM DRAIN - PROJ #688

BENCH LEVELS

CIRCUIT 2.1 MI.

Zeiss level NO. 26000
Lowvar Rods # 15 & 16

Sappell
Foulger
Lieber
Yamamoto

Microfilmed Nov. '85

765420 353 3-51

725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: NO ADDITIONS OR CHANGES ON THIS PAGE MUST BE MADE OR CHECKED IN INK. INITIALIZE AND REPORT ANY PROBLEM BEFORE CHANGE.

Do not [illegible] the left of this line

JOB NO. 0301.02 SURVEY OF Narbonne Ave - Sd #118

SURVEY BY D. Sapse 11 DATE 11-63

NOTES BY D.J. DATE

INDEXED C. J. GALLI DATE

NOTES RED. DATE

NOTES CHKD. DATE

F.B. 2588 PG. 8

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(Fd) Bm 22-19	72.755				72.755	Bm 22-19 (L.A. Co Rd Dept 1954) (Torrance B.M. 2-10) 1960 Adj El. 72.755 F.B. 1395-116 At the int of Crenshaw Blvd & 235 TH. St & 45.3 ft. N.E. P.P. #453,23E. A Rd Dept. disk stamped "L.A. Co Rd Dept 1954" set 7" below the surface & prot by a cast Iron cover.
+	6 558		6454			
π	79.313	-0.465	-0.465			
−	7023		6919			
TP.	72.290					TP.
+	4698		4857			
π	76.988	-0.815	-0.815			
−	5513		5672			
TP.	71.475					TP.
+	4996		4828			
π	76.471	+0.710	+0.709			
−	4286		4119			
TP.	72.185					TP.
+	6247		6083			
π	78 432	+0.948	+0.945			
−	5299		5138			
TP.	73.133					TP.
+	5855		5693			
π	78.988	+1.178	+1.178			
−	4677		4515			
TP.	74.311					TP
+	6308		6053			
π	80.619	+1.046	+1.044			
−	5262		5009			
TP.	75.357					TP.

768420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP.	75.357					TP.
+	.5642		5918			
π	80.999.	+1.111	+1.110			
-	4531		4808			
TP.	76.468.					TP.
+	5978		5792			
π	82.446.	+1.282	+1.281			
-	4696		4511			
TP.	77.750.					TP.
+	6385		6732			
π	84.135.	+1.764	+1.767			
-	4621		4965			
TP.	79.514.					TP.
+	5051		4913			
π	84.565.	-0.842	-0.844			
-	5893		5757			
TP.	78.672.					TP.
+	5397		5139			
π	84.069.	-0.614	-0.615			
-	6011		5754			
TP.	78.058.					TP.
+	5757		5657			
π	83.815.	-1.041	-1.040			
-	6798		6697			
(Fd) BM 22-18	77.017.				77.003	BM 22-18, 1960 Adj El 77.003' FB 1395-N5, At the E. int of Crenshaw Blvd & Lomita Blvd, to the E, 3.3 FT. N. of a Co. Sur. Mon. & 123.6 FT. S.W. of P.P. # 975261E. A Co Surveyor Mon. stamped "County Surveyor. Ang. PT." set 12" below the point & prot. by a cast iron cover.

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF Nebraska Ave. Sd #1180
DATE _____ SURVEY BY D. Pappell
NOTES C.R.C. CHECKED BY _____ NOTES BY _____ DATE 11-20-63
DATE DEC 63 INDEXED C. J. GALLI DATE _____

F.B. 2588 PG. 9

JOB NO. 0301.02 SURVEY OF Narbonne Ave - SD #688 NOTES RED. DATE
SURVEY BY D. Sappell DATE 11-63 NOTES CHKD. DATE
NOTES BY D.S. DATE
INDEXED C. J. GALL DATE

F. B. 2588 PG. 10

76S420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 22-18	77.017.				77.033	BM 22-18 see pg 9
+	6.766		6654			
π	83.783.	+0.254	+0.252			
-	6.512		6402			
(Fd) BM 55-2-11	77.271.				77.248	BM 55-2-11, 1960 Adj El. 77.248 F.B. 2448-82 (Torrance BM 2-11) In the city of Torrance at Crenshaw Blvd & W. Lomita Blvd, 50.7 FT. E. of the ℄ Crenshaw Blvd, 52.4 FT. S.W'ly of the ℄ of W. Lomita Blvd & 103.3 FT. S.E'ly of the ℄ int. A County Eng'r B.M. Brass cap mon. mkd "55, Tor. 2-11" set in conc. 10" below the surface, in a well & prot by a cast iron cover mkd "County Engineer monument"
+	6408		6359			
π	83.679.	+2.620	+2.619	+2.619		
-	3788		3740			
TP	79.891.					TP
+	7514		7359			
π	87.405.	+3.399	+3.400			
-	4115		3959			
TP	83.290.					TP
+	5965		5565			
π	89.255.	-1.013	-1.012			
-	6978		6577			
TP	82.277.					TP
+	2983		2742			
π	85.260.	-4.270	-4.272	-4.272		
-	7253		7014			
TP	78.007.					TP

76S420 353 3-51

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	78.007.					TP.
+	3159		3047			
π	81.166.	-3.937	-3937			
-	7096		6984			
TP	74.070.					TP
+	3421		3363			
π	77.491.	-2.214	-2214			
-	5635		5577			
TP	71.856					TP
+	5341		5248			
π	77.197.	-0.343	-0.343			
-	5684		5591			
TP	71.513.					TP
+	5842		5734			
π	77.355.	-0.191	-0.191			
-	6033		5925			
TP	71.322.					TP
+	5019		4865			
π	76.341.	-0.556	-0.553	-0.556		
-	5575		5418			
TP.	70.766.					TP.
+	5694		5613			
π	76.460.	-0.216	-0.216			
-	5910		5829			
TP	70.550.					TP
+	5318		5195			
π	75.868	-0.160	-0.160			
-	5478		5355			
TP.	70.390.					TP.

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF Narbone Ave. - SD #688
DATE _____ SURVEY BY D. Sappell
NOTES BY C. RUBENACKER NOTES BY D.S. DATE 11-20-63
DATE DEC '63 INDEXED C. J. GALLI DATE

F. B. 2588 PG. 11

76S420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	70.390					TP
+	5219		5061			
⊼	75.609	-0.380	-0.377			
-	5599		5438			
TP	70.010					TP
+	5791		5712			
⊼	75.801	+0.388	+0.389			
(Fd)	5403		5323			70.566
BM SY 3521A	70.398				70.372	BM SY 3521A El. 70.666 L.A. Co Rd. Dept. precise BM's pg 269 (Base Line 1955) Fd L&T. S. cb. Lomita Blvd. ± 30' W of cb ret. @ S.W. cor. Narbonne Ave & Lomita Blvd.
+	5.118		4978			
⊼	75.516	+0.085	+0.086			
-	5033		4892			
TP	70.483					TP
+	6392		6277			
⊼	76.875	+0.654	+0.652	+0.652		
-	5738		5625			
TP	71.137					TP
+	4579		4340			
⊼	75.716	-2.266	-2.265			
-	6845		6605			
TP	68.871					TP
+	4740		4525			
⊼	73.611	-2.284	-2.285	-2.285		
-	7024		6810			
(Set) BM SD 3230	66.587				66.558	BM SD 3230 El. F.B. 2588-12 Narbonne Ave (E Side) 105' ± N. of ℄ 248 TH. ST. Bt. spk in cb.

JOB NO. 0301.02 SURVEY OF Narbonne Ave. S.D. #688 NOTES RED.
SURVEY BY D. Sappell DATE
NOTES BY D.S. DATE 11-63 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2588 PG. 12

768420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(set) BM SD 3230	66.587					BM SD 3230 See pg 12
+	4.493		4.325			
π	71.080	-2.100	-2.100			
	6.593		6.425			
(Fd) BM SY 3522A	64.487				64.458	BM SY 3522A El. 64.654 ✓ L.A. Co Rd Dept. Precise BM's pg 269. L & T. in E. cb Narbonne Ave - 7'± N. cb ret. @ N.E. cor. 248 TH. ST., 24'± E. & 37'± N. & inf
+	5.298		5.043			
π	69.785	+0.966	+0.966			
−	4.332		4.077			
TP	65.453					TP
+	7.118		6.975			
π	72.571	+2.486	+2.486			
(set)	4.632		4.489			
BM SD 3231	67.939				67.910	BM SD 3231 El. F.B. 2588-13 Narbonne Ave & 250 TH ST. N.E. cor. 103'± N. of N. end c.R. - Bt. spk in curb.
+	6.151		6.003			
π	74.090	+0.598	+0.597	+0.597		
	5.553		5.406			
(Fd) BM SY 3523A	68.537				68,507	BM SY 3523A El. 68.697 ✓ L.A. Co Rd. Dept. Precise BM's pg 269 - set L & BM. E cb Narbonne Ave. ±1' N. of cb ret. @ N.E cor Narbonne Ave & 250 TH ST.
+	6.172		6.270			
π	74.709	+1.239	+1.239			
−	4.933		5.031			
TP	69.776					TP
+	6.656		6.433			
π	76.432	+2.885	+2.889			
−	3.771		3.544			
TP	72.661					TP.
+	6.397		6.231			
π	79.058	+3.399	+3.398	+3.398		
−	2.998		2.833			
TP	76.060					TP

NOTES RED _____ JOB NO. 0300.02
DATE _____ SURVEY OF Narbonne Ave. S.D. #188
NOTES BY C. RUHENACKER SURVEY BY D. Jappell DATE 11-20-63
DATE DEC '63 INDEXED C. J. GALL DATE _____

F.B. 2588 PG. 13

768420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF Narbonne Ave - S.D. #188
SURVEY BY D. Sappell
NOTES BY D.L. DATE 11-22-63
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2588 Pg. 14

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	76.060.					TP.
+	6698		6394			
π	82758.	+1.912	+1.913			
(Fd)	4786.		4481			
BMSY3524A	77.972				77.941	BMSY3524A El. 78.117 L.A Co Rd Dept.
+	5181		5115			Precise BM's PG 269 - set L&B.N. E. cb
π	83.153.	+1.563	+1.563			Narbonne Ave ±2' N. of driveway to
(Set)	3618		3.552			Ho. # 25122 Narbonne Ave.
BMSD3232	79.535.				79,504	BMSD 3232 El. FB.2588-14
+	7598		7451	7538		Narbonne Ave (W. side) 885'± S. of
π	87.133.	+3.269	+3.274	+3.270		250 TH. ST. - Bt. spk in cb. in
–	4329		4177	4268		front of avocado grove
TP	82.804.					TP.
+	7919		7778			
π	90.723.	+3.767	+3.765	+3.765		
–	4152		4013			
TP	86.571.					TP.
+	6948.		6859			
π	93519.	+2.804	+2.803	+2.803		
–	4144		4056			
(SET)						
BMSD3233	89375.				89.341	BMSD 3233 El. FB 2588-14
+	6907.		6754			Narbonne Ave (W. side) 64'± N. of
π	96.282.	+2.929	+2.928	+2.928		℄ 253 RD Pl. - Bt spk in cb.
(Fd)	3978.		3826			
BMSY3525A	92.304.				92.269	BMSY 3525A El. 92.439 L.A Co Rd Dept
						Precise BM's PG 269 Fd L&T. E cb.
						Narbonne Ave. ± 2' S. drwy to Hse
						#25342, ± 105' S. ℄ 253 RD. Pl.

76S420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMSY 3525A	92304.					BMSY 3525 A See pg 14
+	5937.		6270			
π	98.241.	+1.955	+1.957			
-						
(SFT)	3982		4313			
BMSD 3234	94.259.				94.224	BMSD 3234 El. F.B. 2588-15
+	7593		7479			Narbonne Ave (W. side) 80' ± S. of
π	101.852.	+3.792	+3.794			℄ 254 TH ST. - Bt. spk in curb
-	3801		3685			front of HO # 25409
TP	98.051.					TP.
+	7685		7583			
π	105736.	+3.714	+3.716			
-	3971		3867			
TP.	101.765.					TP.
+	7868		7730			
π	109633.	+2.275	+2.276			
-						
(Fd)	5593.		5454			
BMSD 3235	104.040.				104.005	BMSD 3235 El. F.B. 2588-15
+	7390		7278			Narbonne Ave ℄ 255 TH ST, S.E.
π	111.430.	+3.428	+3.425	+3.426		cor. 24' So of So. end C.R. - Fd
-	3962		3853			Bt. Spk in curb.
TP.	107.468.					TP.
+	6664		6766			
π	114.132.	+3.471	+3.471			
-	3193		3295			
TP.	110.939.					TP.
+	7671		7539			
π	118610.	+3.679	+3.681			
-	3992		3858			
TP.	114.618.					TP.

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF Narbonne Ave - S.D. #688
DATE _____ SURVEY BY D. Sappell
NOTES BY D.S. DATE 11-22-63
DATE _____ INDEXED C. J. GALLI DATE _____

C. RUBENACKER

F.B. 2588 PG. 15

76S420 353 3-51

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	114.618					TP
+	7932		7703			
π	122550	+2.974	+2.970	+2.972		
-	4958		4733			
TP	117.592					TP
+	3639		3425			
π	121231	+0.094	+0.095			
-	3545		3330			
TP	117686					TP
+	5550		5271			
π	123236	-1.057	-1.059	-1.058		
-	6607		6330			
TP	116629					TP
+	5290		5331			
π	121919	-0.874	-0.877	-0.876		
-	6164		6208			
TP	115755					TP
+	5217		4989			
π	120972	-0.113	-0.111			
-	5330		5.100			
TP	115.642					TP
+	4629		4502			
π	120271	-1.517	-1.518			
-	6146		6020			
TP	114125					TP

JOB NO. 0301.02 SURVEY OF Narbonne Ave. S.D. #688 NOTES RED.
SURVEY BY D. Sappell DATE
NOTES BY D.S. DATE 11-22-63 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2588 PG. 16

76S420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	114.125.					TP PG 16
+	5288.		5138			
π	119.413.	+2.489	+2.491			
(Fd)	2799		2647			
BM 21-64	116.614.				116.572	BM 21-64, 1960 Adj El. 116.572 F.B. 1391-61, (U.S.C. & G.S. BM S-99 1932) (US. 2701) (Torrance B.M. 8-1) Pacific Coast Hwy & Eshelman Ave., 200' W. of the ℄ of Eshelman on the N. side of the Hwy. at the W. end of the two-story brick Lomita Odd Fellows Bldg., in the S. face of the wall 2.6' E. of the S.W. cor. & 2.8' above the sidewalk, set vertically. A std. disk stamped, "S-99 1932"

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF Narbonne Ave. SD #688
DATE _____ SURVEY BY D. Sappell
NOTES BY DS DATE 11-22-63
DATE DEC '63 INDEXED C. J. GALLI DATE

F.B. 2588 PG. 17

Storm Drain Proj #688

17

Notes Ck'd By RUBENACKER	Survey of Narbonne Ave
Map No.	JN 6268.80 Tape 209 Std 68 °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.S. Date 11-.63
Date	Indexed G. J. GALLI DEC 17 '63

F. B. 2588 PG. 5

JN. 6268.80

NARBONNE AVE.

STORM DRAIN PROJ # 688

Index PG 6
Bench levels 7 - 18
Center line 19 - 36
Open pages 37 - 44
Loc. of Imp. 45 - 56
Cross-sec. 57 - 107

Sappell
Foulger
Lieber
Dupuis
Yamamoto

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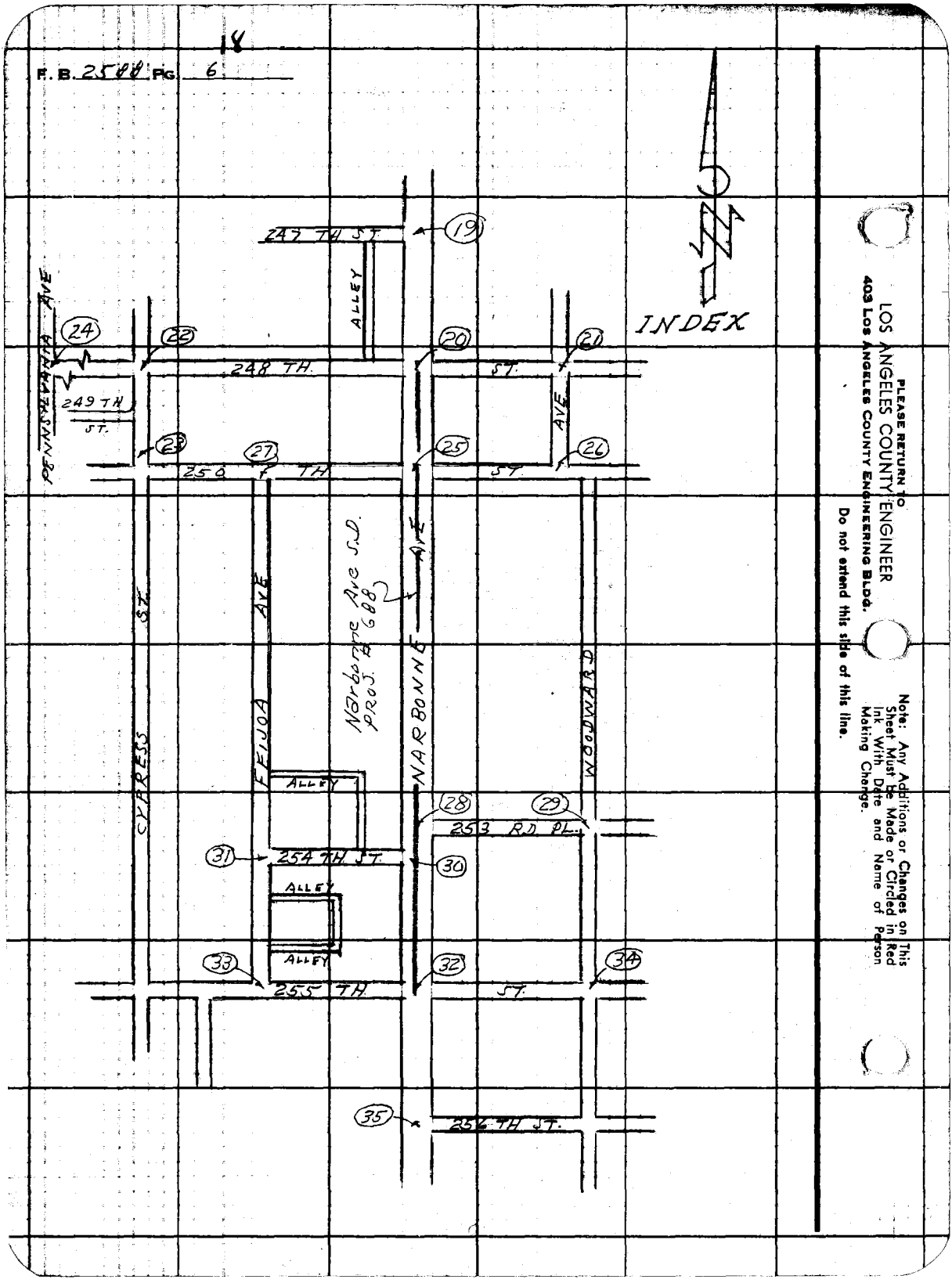
403 LOS ANGELES COUNTY ENGINEERING BLDG.

78F3095 CE #310 8-62

F. B. 2500 PG. 6



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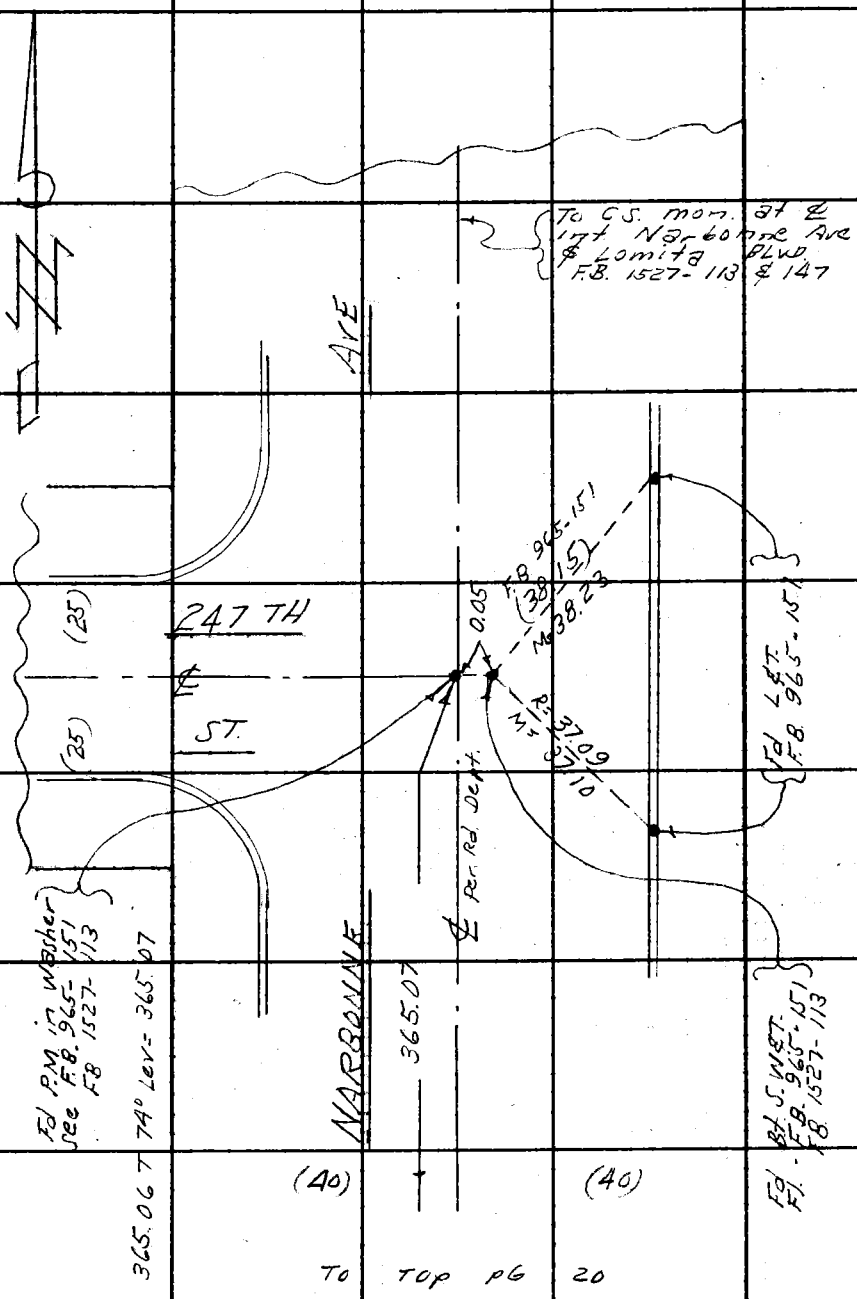
Storm Drain # 688

Notes Ck'd by C. RUBENACKER	Survey of Narbonne Ave	F. B. 2588 PG. 19
Map No.	JN 6268.80 Tape 209 Std 68 °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. Date 11-26-63	
Date	Indexed C. J. GALLI DEC 1 7 '63	

W.S. 28, A-3



To Top pG 20

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76F309S CF #310 6-62

F.B. 2588 PG 20

WS28A3

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403 Los Angeles County Engineering Bldg.

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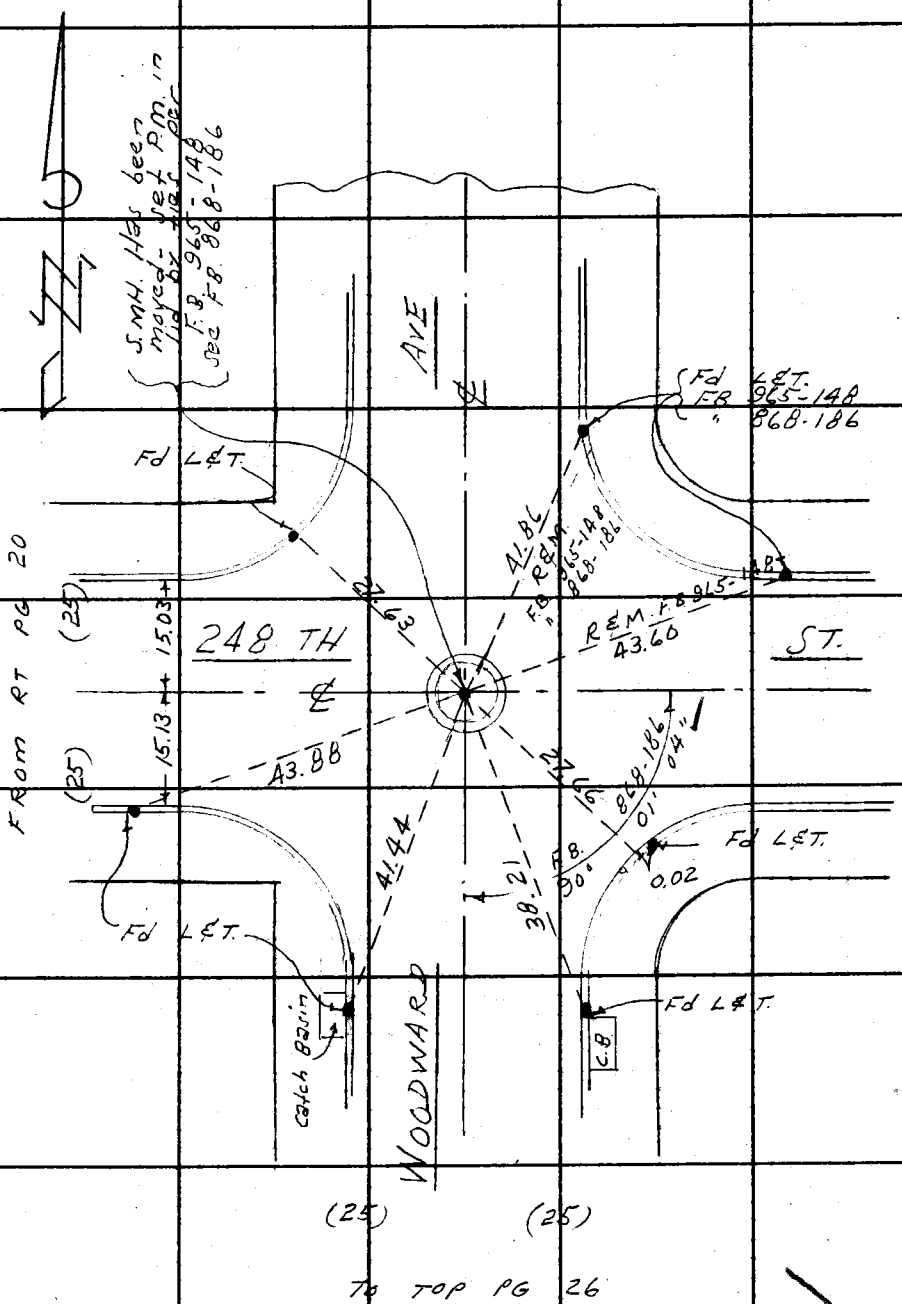
Storm Drain # 688

Notes Ck'd by C. RUBENACKER	Survey of Narborne Ave	F. B. 2588 PG. 21
Map No.	JN 6268.80 Tape 209 Std 68 °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. Date 11-26-63	
Date	Indexed C. J. GALLI	

W.S. 28, A3



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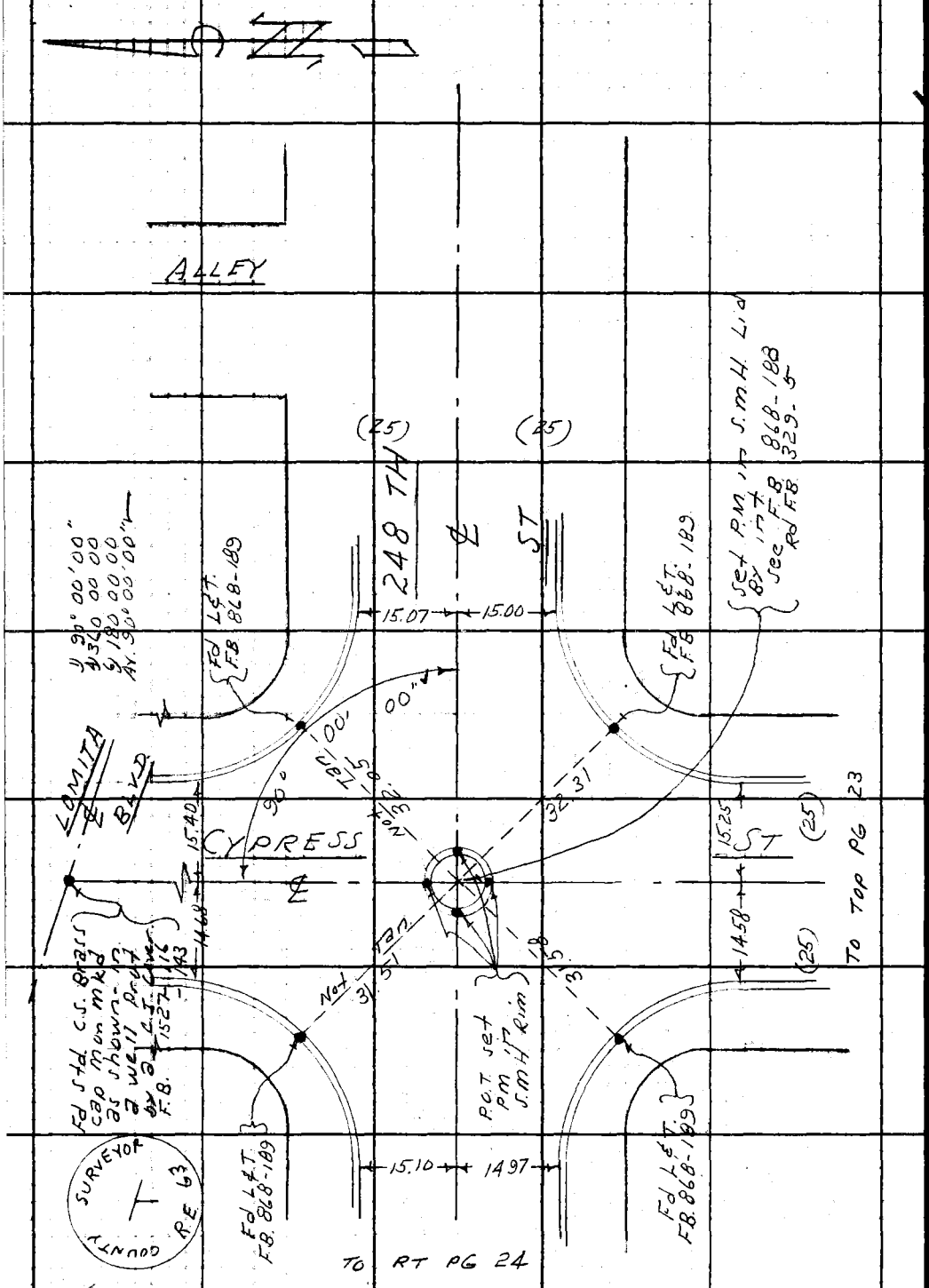
76F309S CE #310 6-62

F. B. 2588 PG. 22

FROM LFT PG 20



WS 28 A-3

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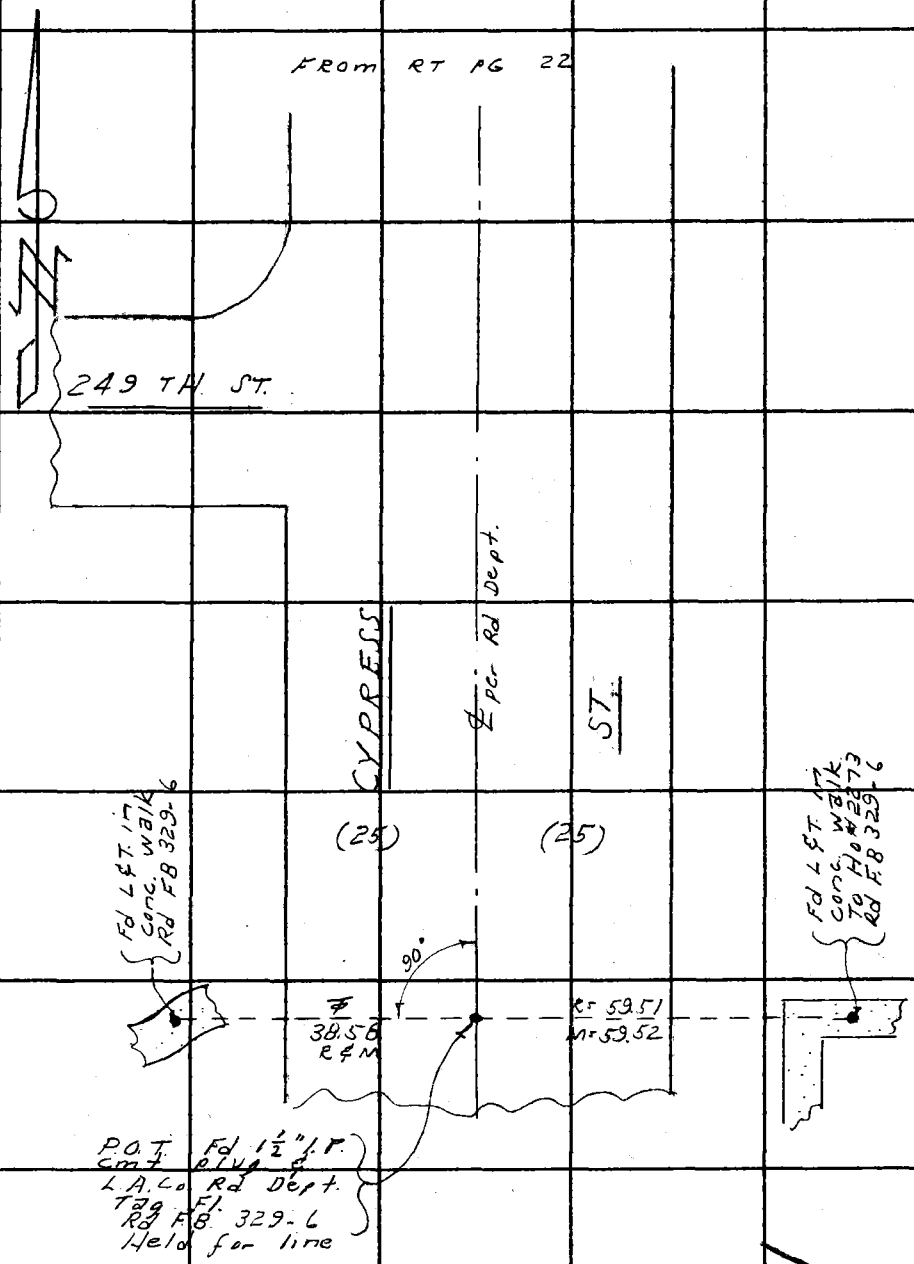
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Storm Drain # 688

Notes Ck'd By C. RUBENACKER	Survey of Narbonne Ave
Map No.	JN 6268.90 Tape 209 Std 68 °F
Office Work	Surveyed by D. Sappell
Checked	Notes DS Date 11-26-63
Date	Indexed G. J. GALLI

F. B. 2588 PG. 23

MS 28, A-3



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76F3095 C.E. #310 6-62

F. B. 2588 PG 24

W.S. 27 E-2

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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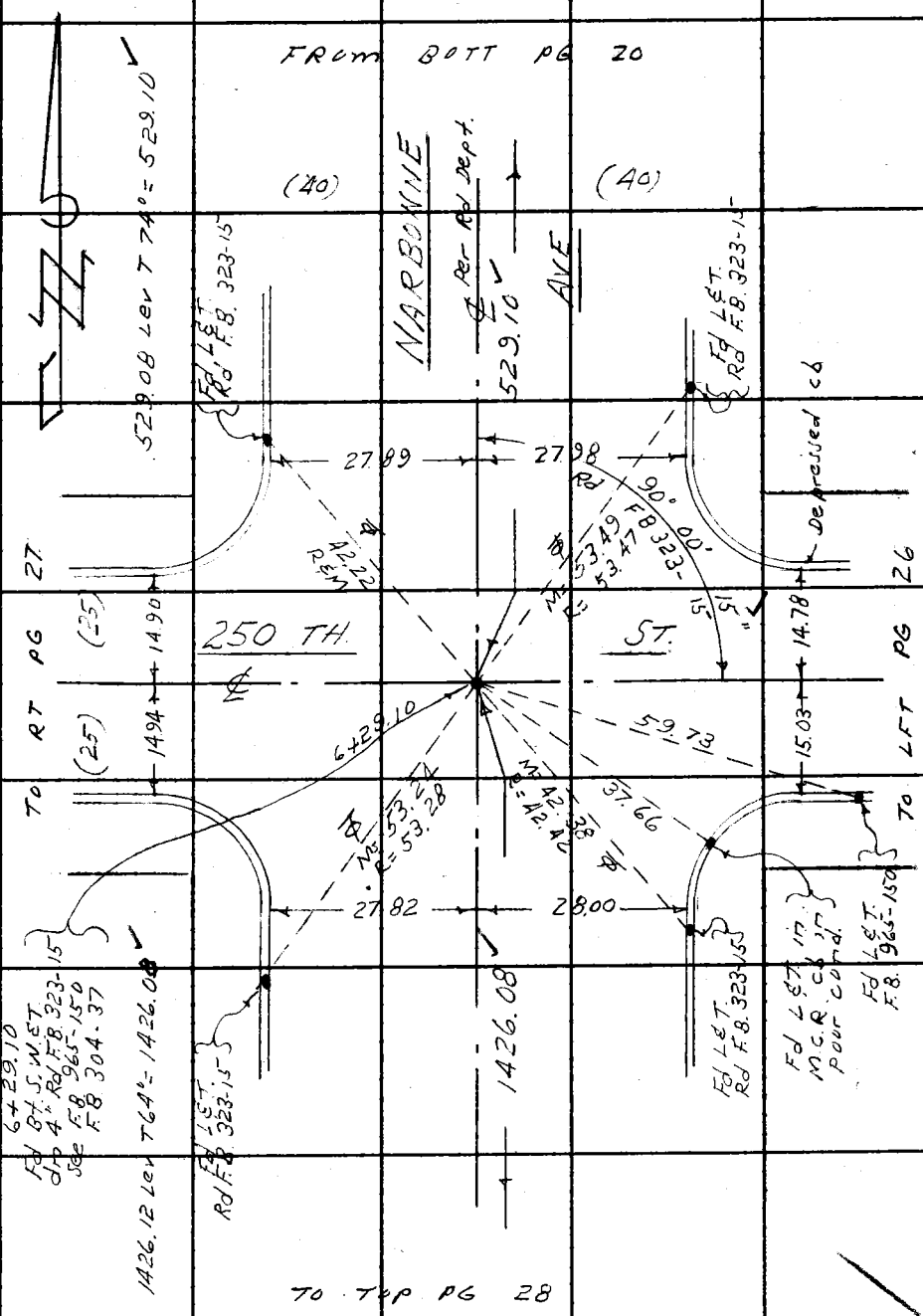
Storm Drain # 688

Notes Ck'd by C. RUBENACKER	Survey of Narbonne Ave	F. B. 2588 Pg. 25
Map No.	JN 6268.80 Tape 209 Std 68 °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. Date 11-27-63	
Date	Indexed C. J. GALLI	

W.S 26 A-3



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76F309S CE #310 6-62

F. B. 2588 PG. 26

FROM BOTT PG 21

W528 A2

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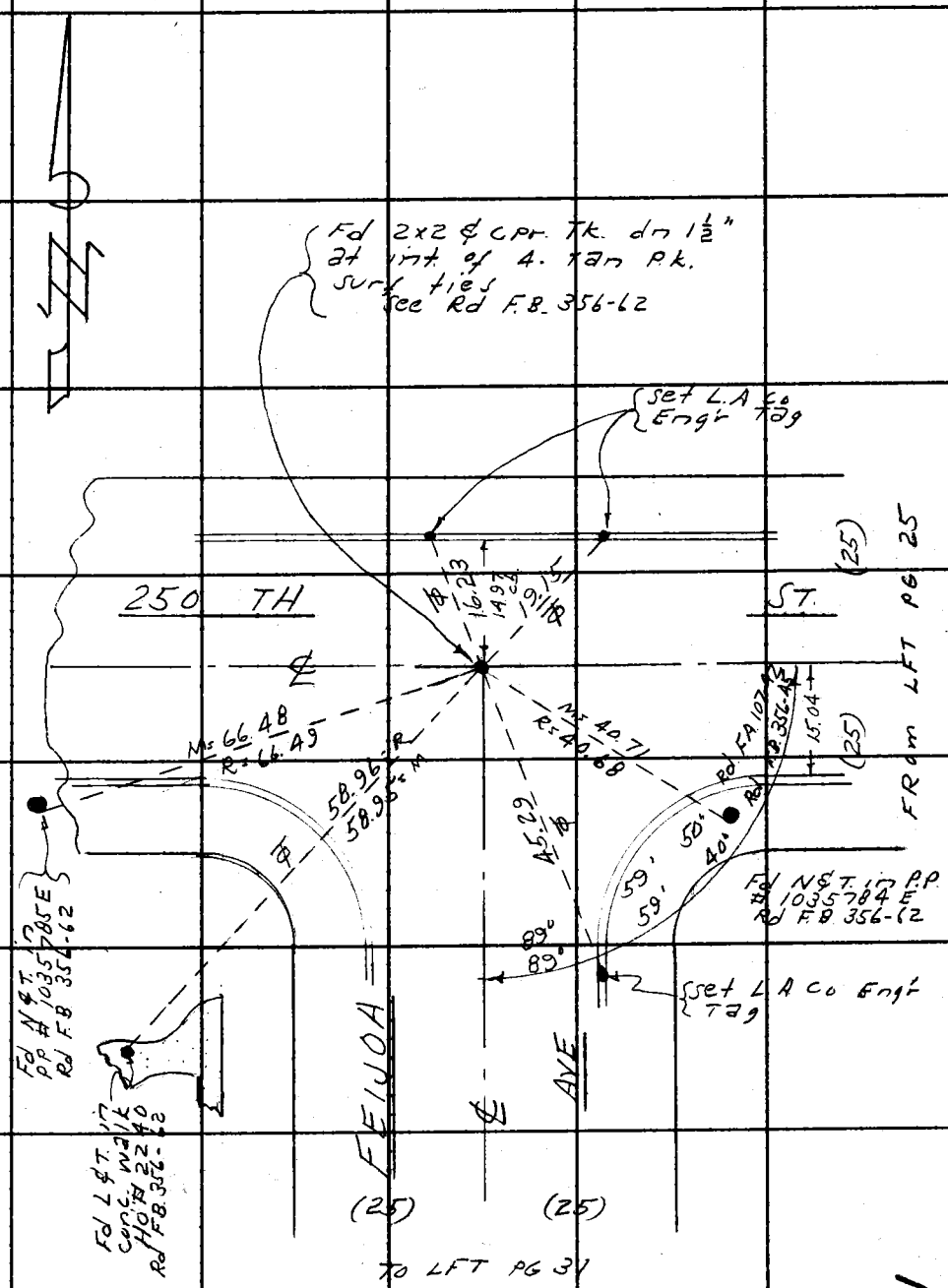
Storm Drain # 688

Notes Ck'd by C. RUBENACKER	Survey of Narbonne Ave	F. B. 2588 PG. 27
Map No.	JN 6268.80 Tape 209 Std 68 °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. Date 11-27-63	
Date	Indexed C. J. GALLI	

WS28A-3



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76F309S CE #310 6-62

F. B. 2588 PG. 28

From BOTT PG 25

WS.28/A-3

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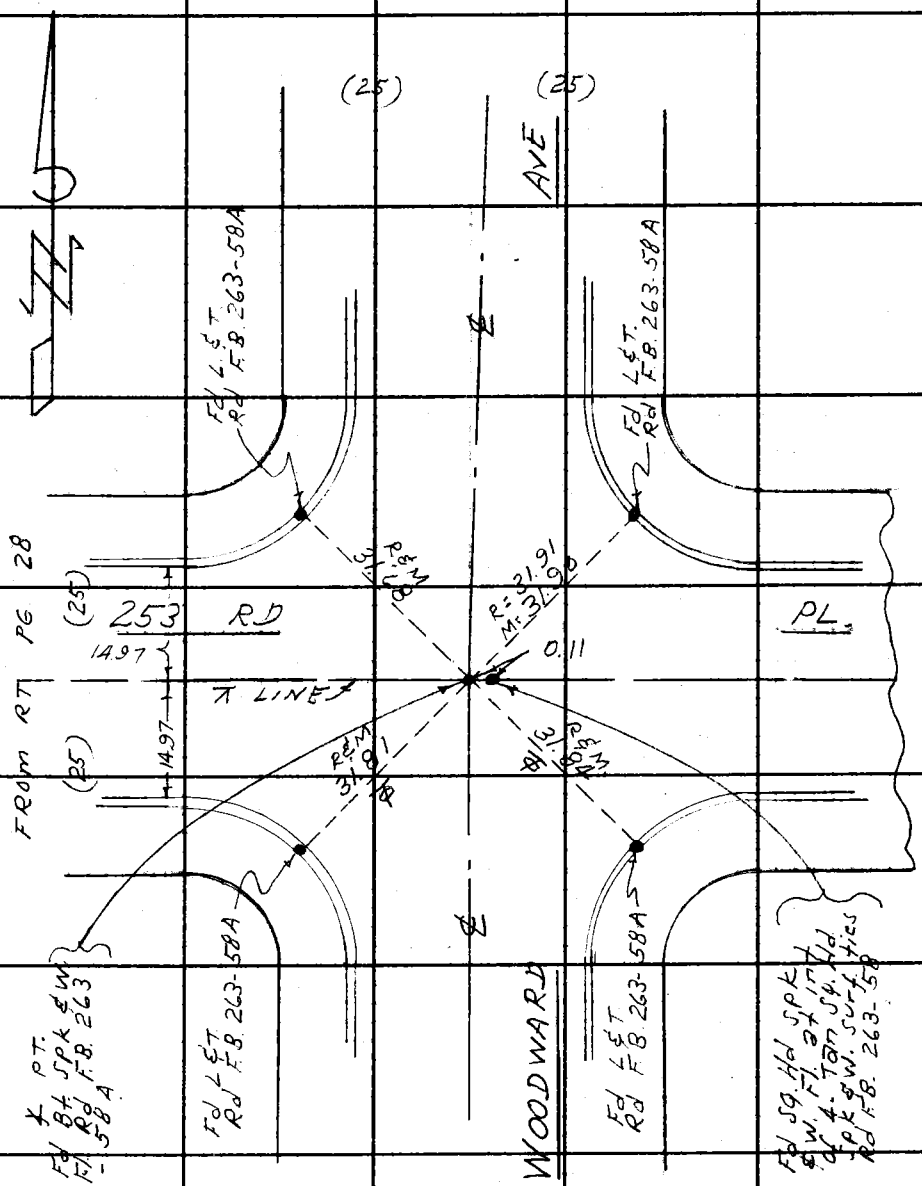
Storm Drain # 688

Notes Ck'd D. RUBENACKER	Survey of Narbonne Ave	F. B. 2588 PG. 29
Map No.	JN 6268.80 Tape 209 Std 68 °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. Date 11-27-63	
Date	Indexed E. J. GALLI	

INS 28, A-3



TO TOP PG 34

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76F309S CE #310 6-62

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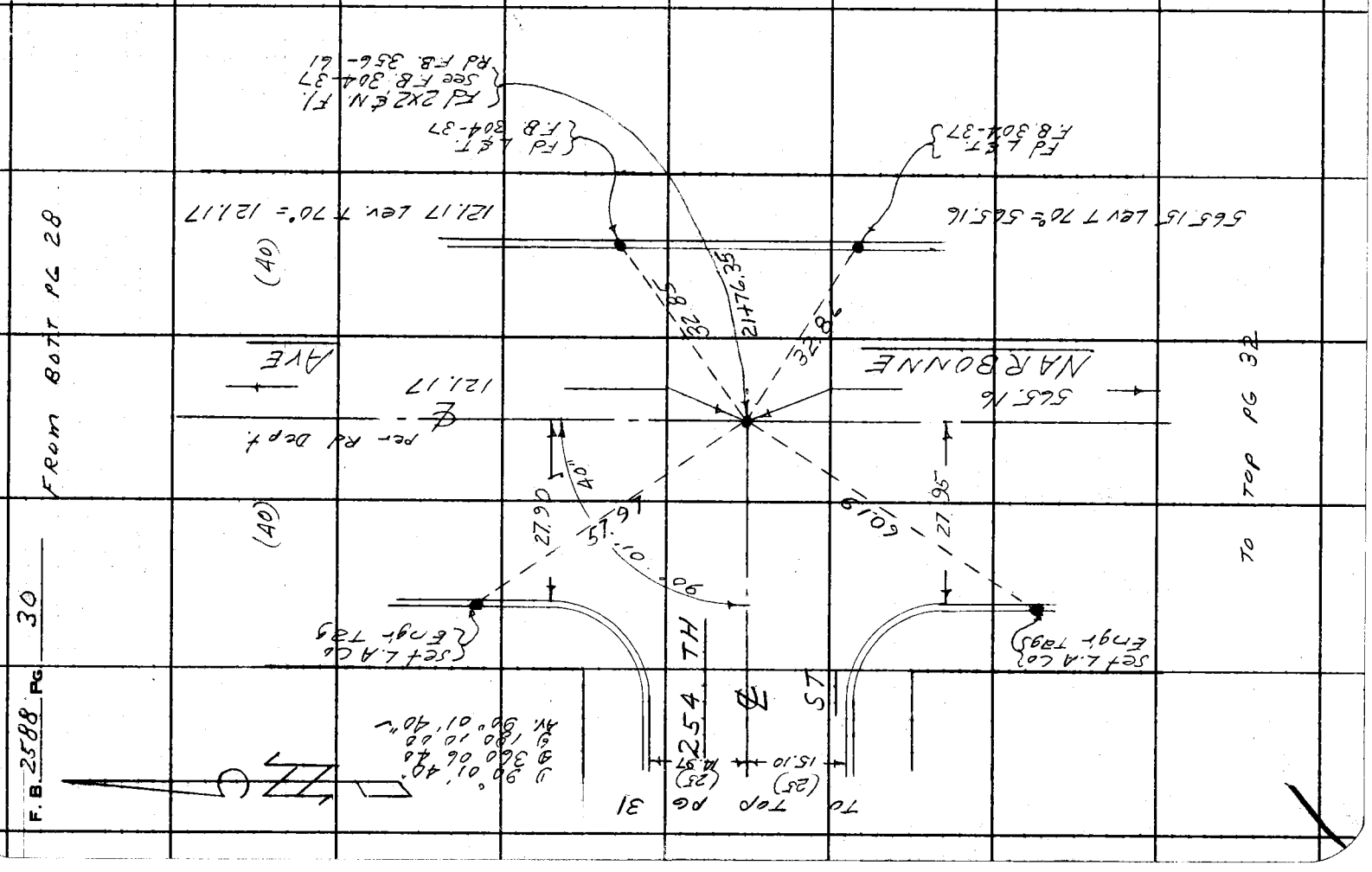
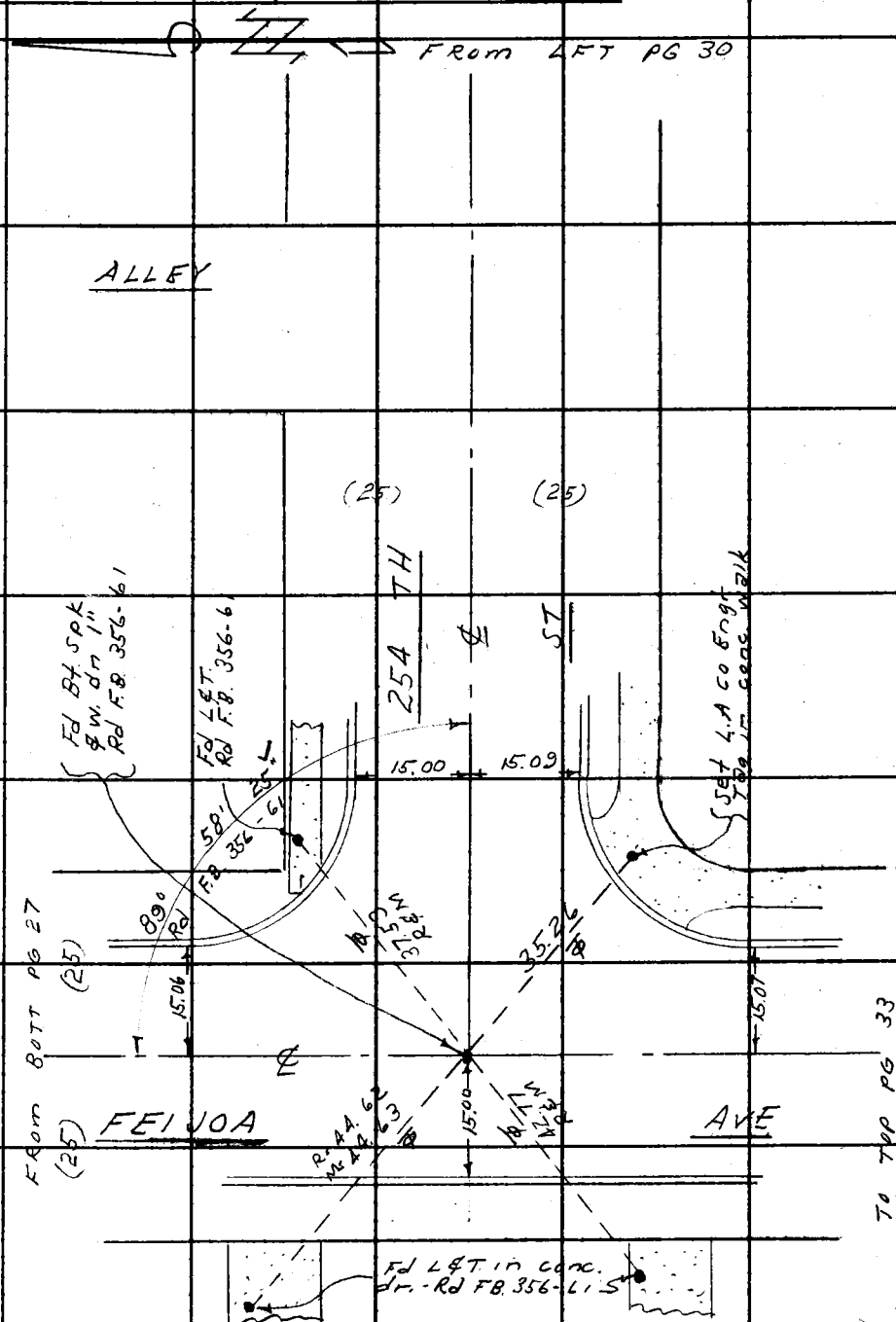
W.S. 28, A-3



Storm Drain #688

Notes Ck'd by C. RUBENACKER	Survey of Narbonne Ave	F. B. 2588 PG. 31
Map No.	JN 6268.80 Tape 209 Std 68 °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. Date 11-29-63	
Date	Indexed J. GALLI	

W.S. 28, A-3



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76F309S CE #310 6-62

F. B. 2588 PG 32

FROM BOTT PG 30

WS.28/A-3

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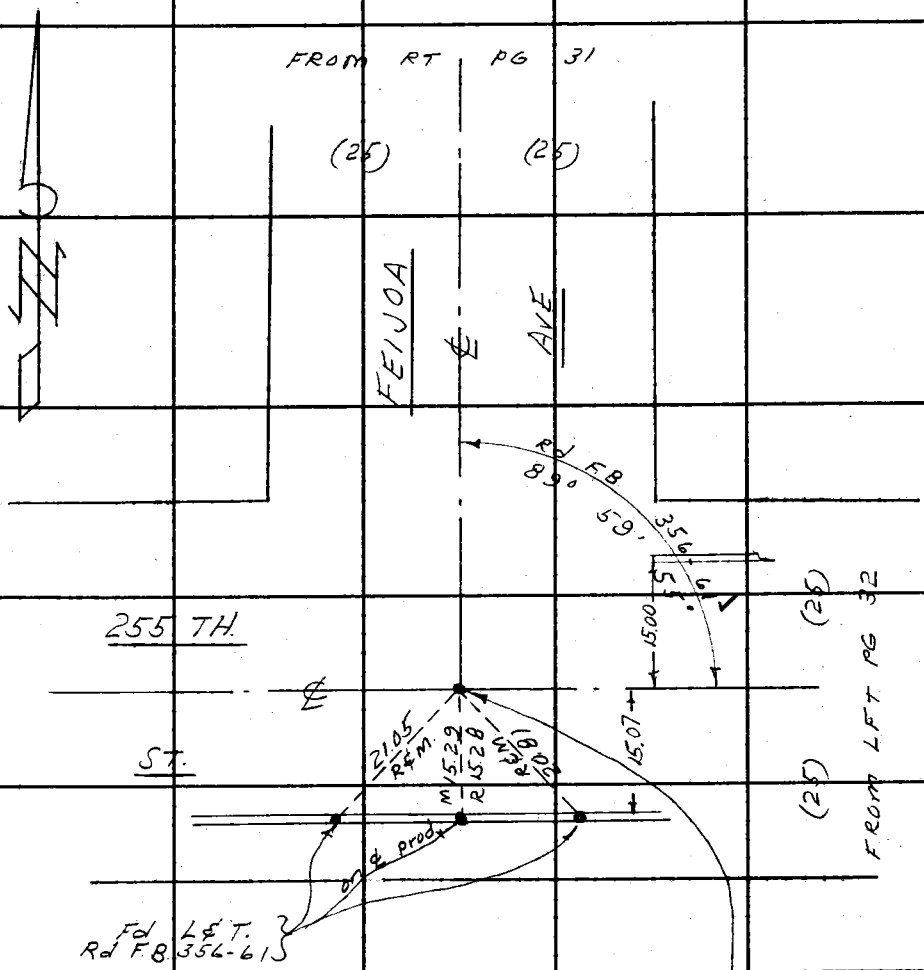
Storm Drain # 688

Notes Ck'd G. RUBENACKER	Survey of Narbonne Ave	F. B. 2588 PG. 33
Map No.	JN 6268.80 Tape 209 Std. 68 °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes DS Date 11.29.63	
Date	Indexed E. J. GALLI	

M.S. 28, A-3



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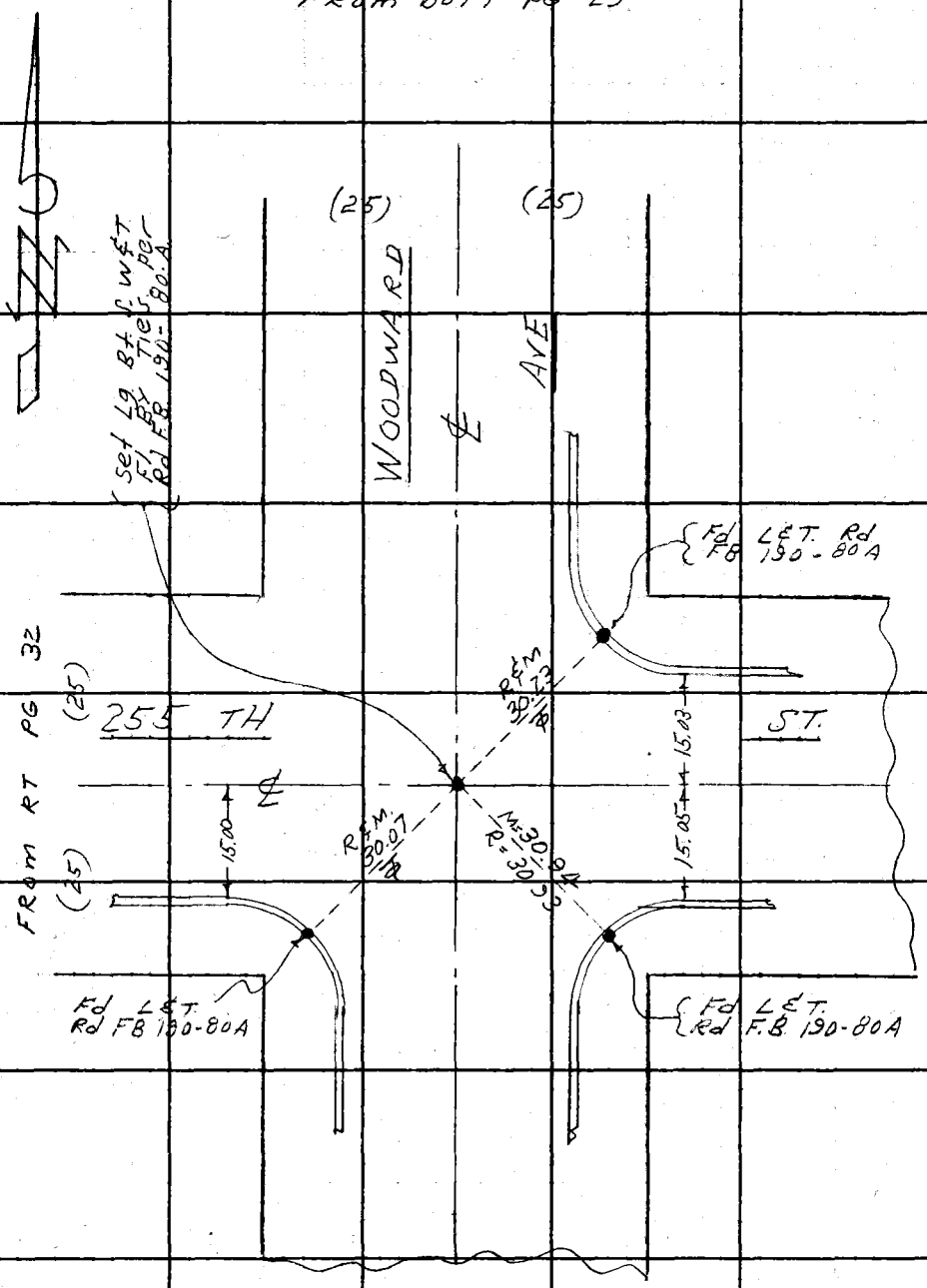
76F309S C.E. #310 6-62

F. B. 2588 PG 34

FROM BOTT PG 29

WS 28 A3



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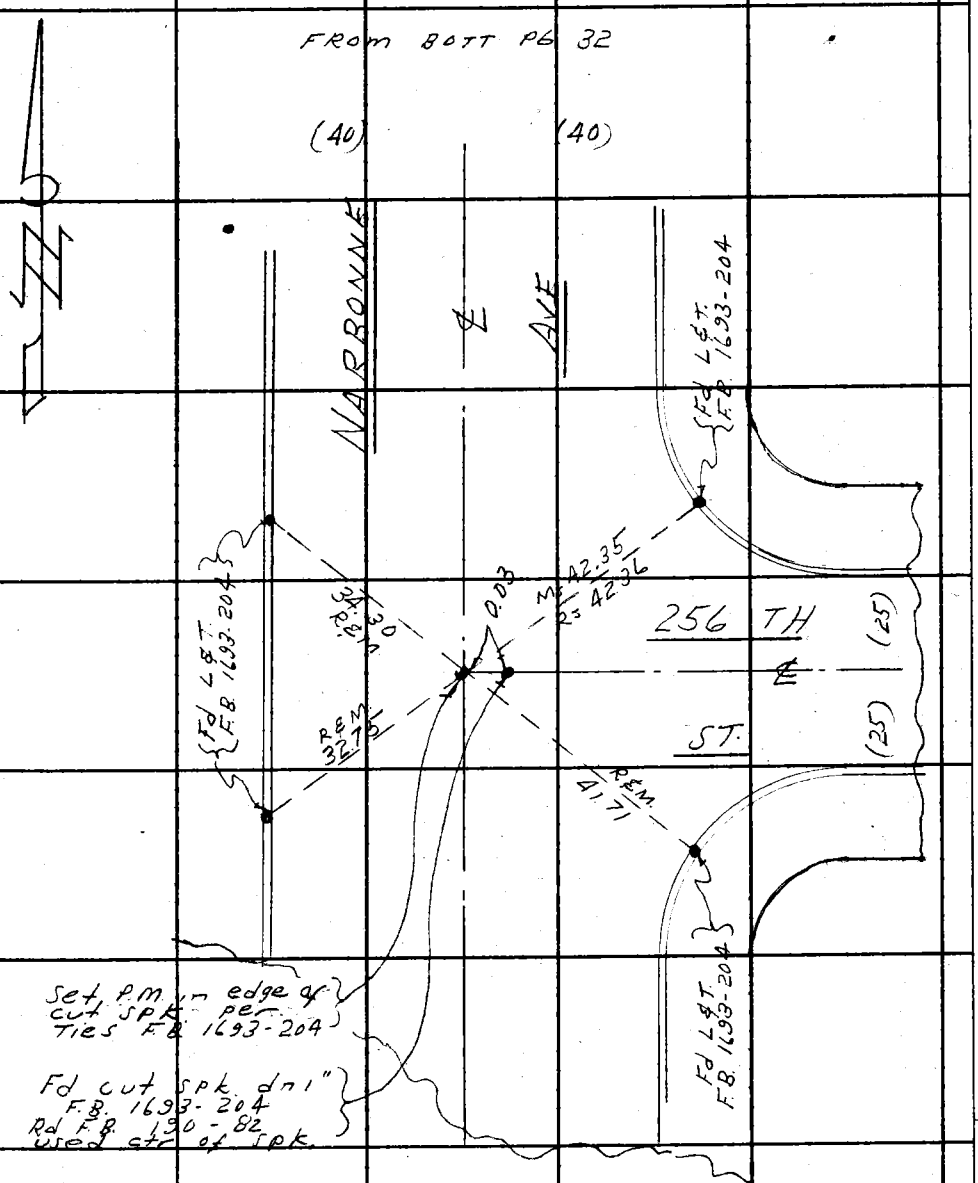
Storm Drain # 688

Notes Ck'd by G. RUBENACKER	Survey of Narbonne Ave	F. B. 2588 Pg. 35
Map No.	JN 6268.80 Tape 209 Std 68 °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. Date 11-29-63	
Date	Indexed C. J. GALLI	

W.S. 28 A 3



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76F309S CE #310 6-62

Notes Ck'd by	Survey of	F. B. PG.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

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76F309S C.E. #310 6-62

~~PGS LEFT~~

PGS 37 - 44

LEFT OPEN

F. B. _____ PG _____

PGS 37 - 44

LEFT OPEN

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Storm Drain Proj # 688

Notes Ck'd by	Survey of Narbonne Ave
Map No.	JN 6268.80 Tape Std °F
Office Work	Surveyed by D. Sappell
Checked	Notes D. Foulger Date 12-4-63
Date	Indexed C. J. GALLI

F. B. 2588 PG. 45

JN 6268.80

NARBONNE AVE

STORM DRAIN PROJ # 688

LOC OF IMP

ON

NARBONNE AVE

FROM

248 TH ST.

TO

255 TH ST.

Sappell
Foulger
Lieber
Dupuis
Yamamoto

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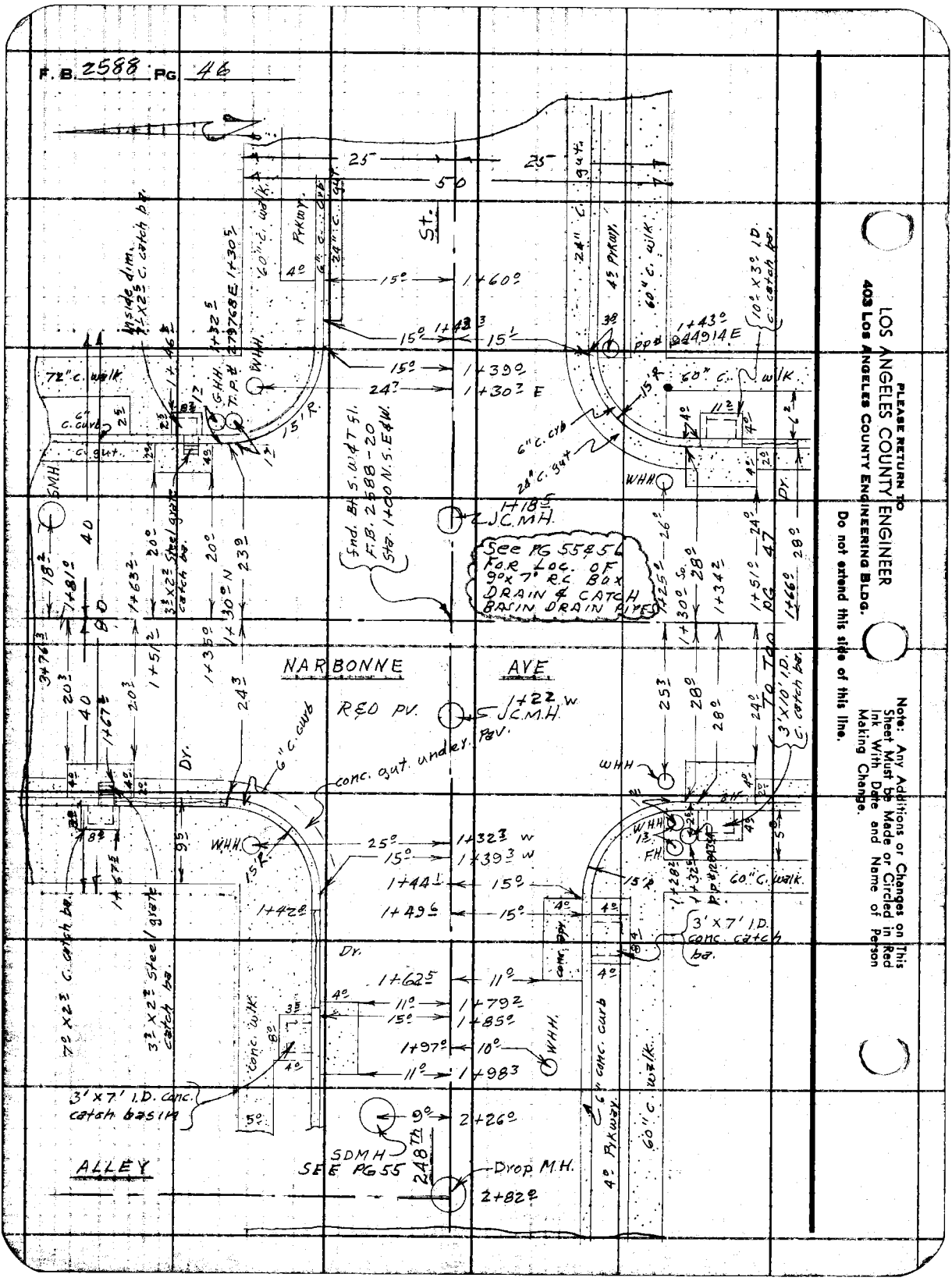
76F309S CE #310 6-62

F.B. 2588 PG 46



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403 Los Angeles County Engineering Bldg.

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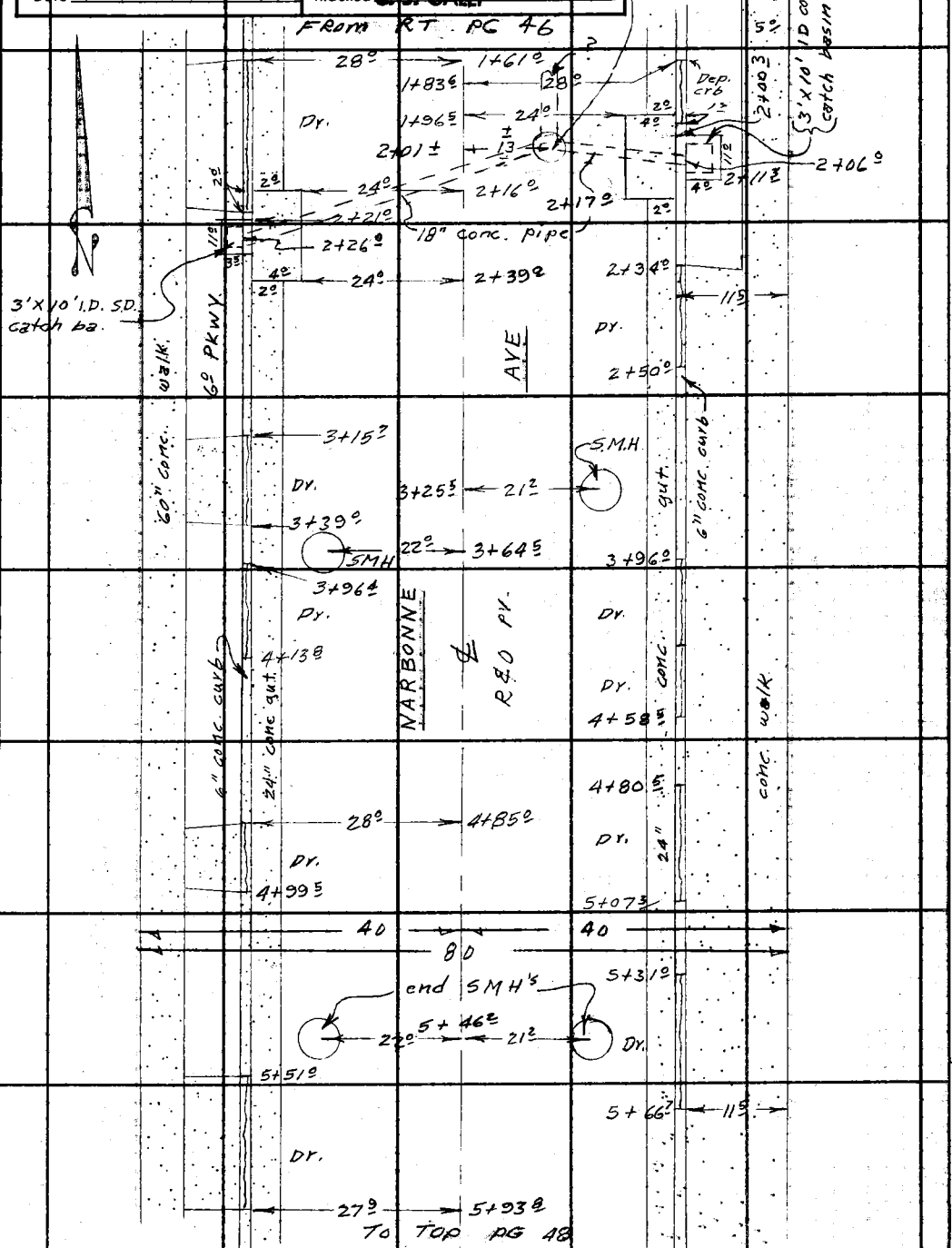
Storm Drain Proj. #688

Notes Ck'd by	Survey of Narbonne Ave	F. B. 2588 PG. 47
Map No.	JN 6268.80 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D. Foulger Date 12-4-63	
Date	Indexed C. J. GALLI	



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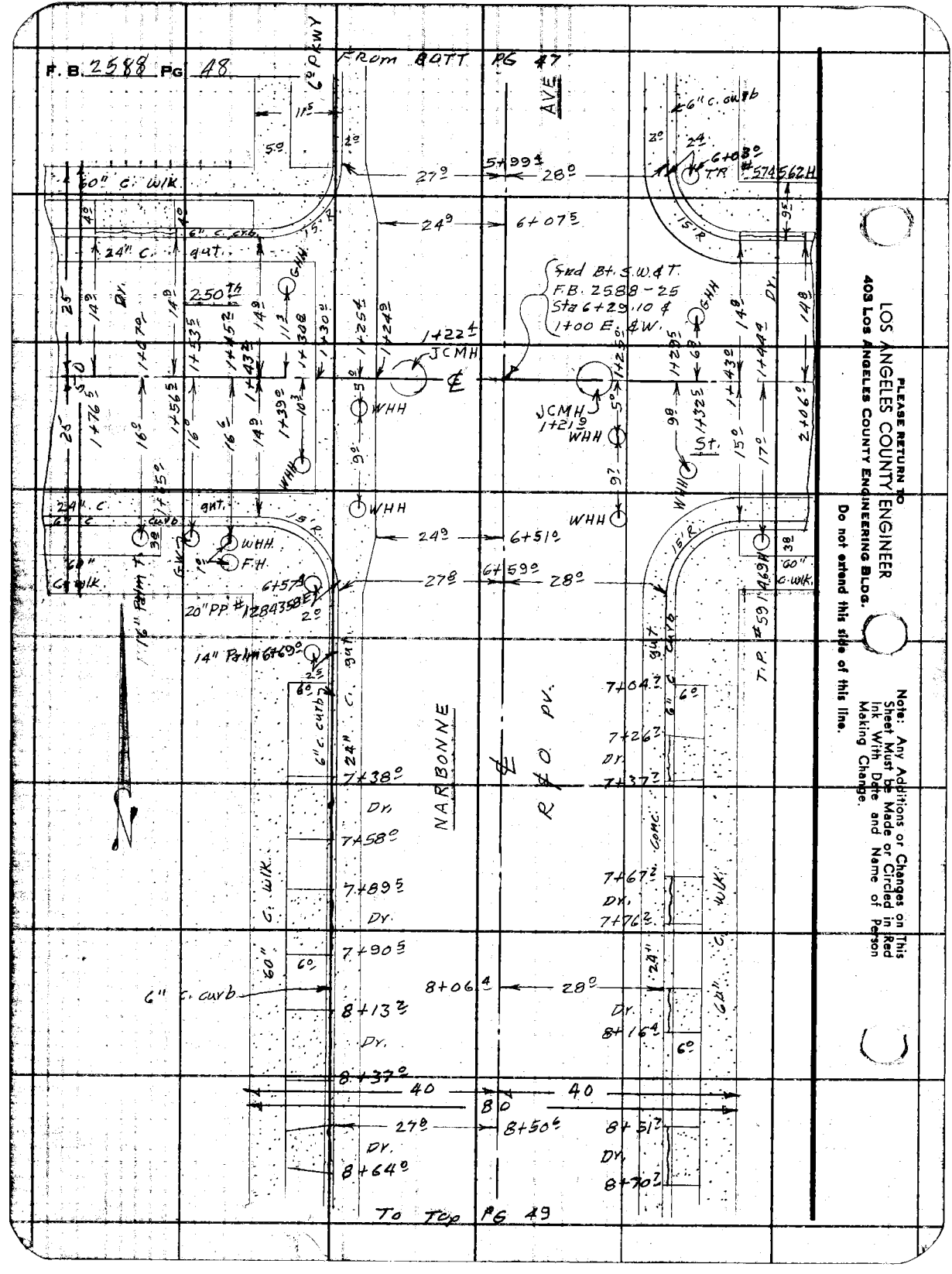
76F309S CE #310 6-62



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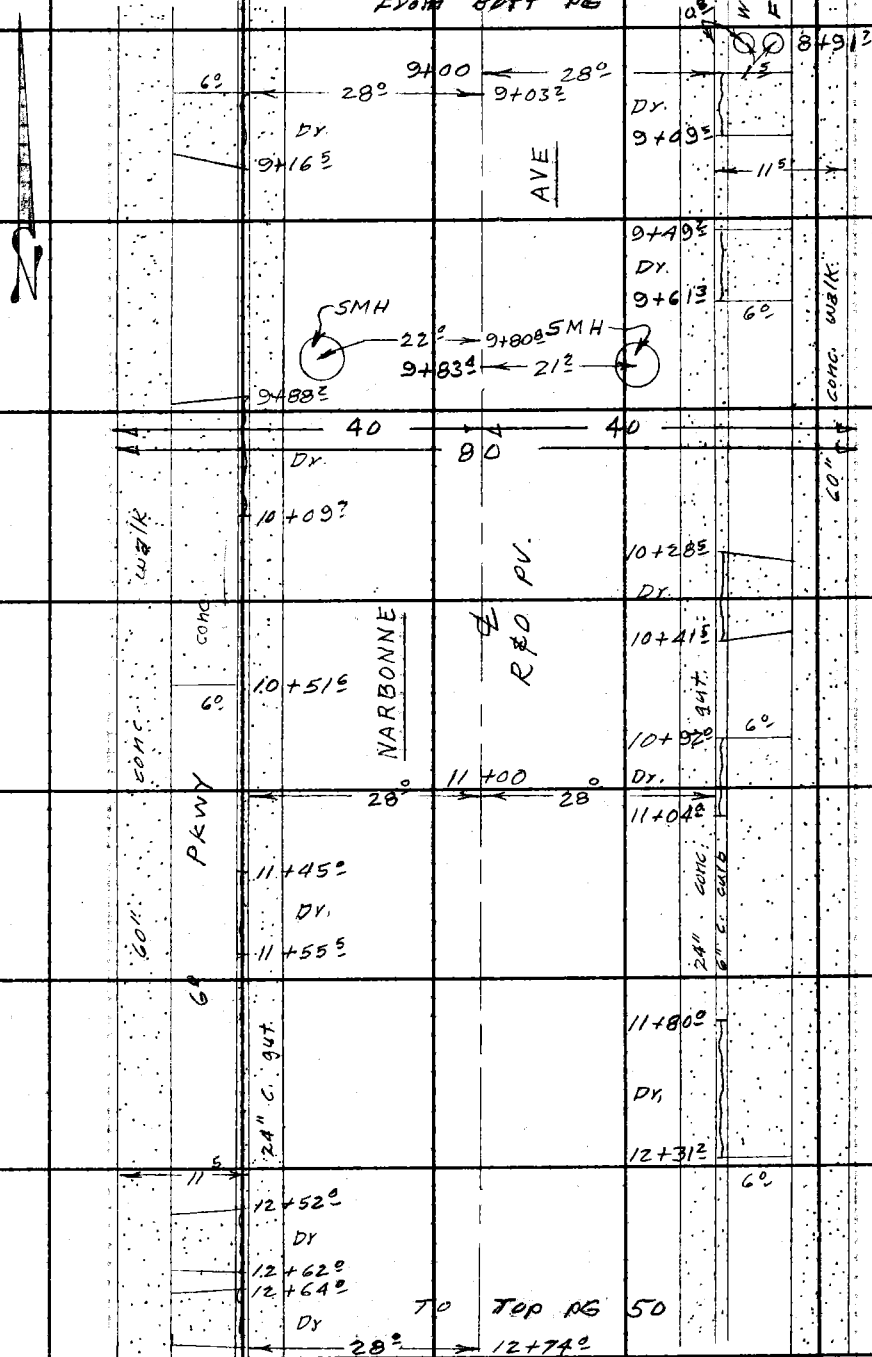
Storm Drain Proj # 688

Notes Ck'd by	Survey of Narbonne Ave	F. B. 2588 PG. 49
Map No.	JN 6268.80 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D. Foulger Date 12-4-63	
Date	Indexed E. J. GALLI	

From BPTT PG



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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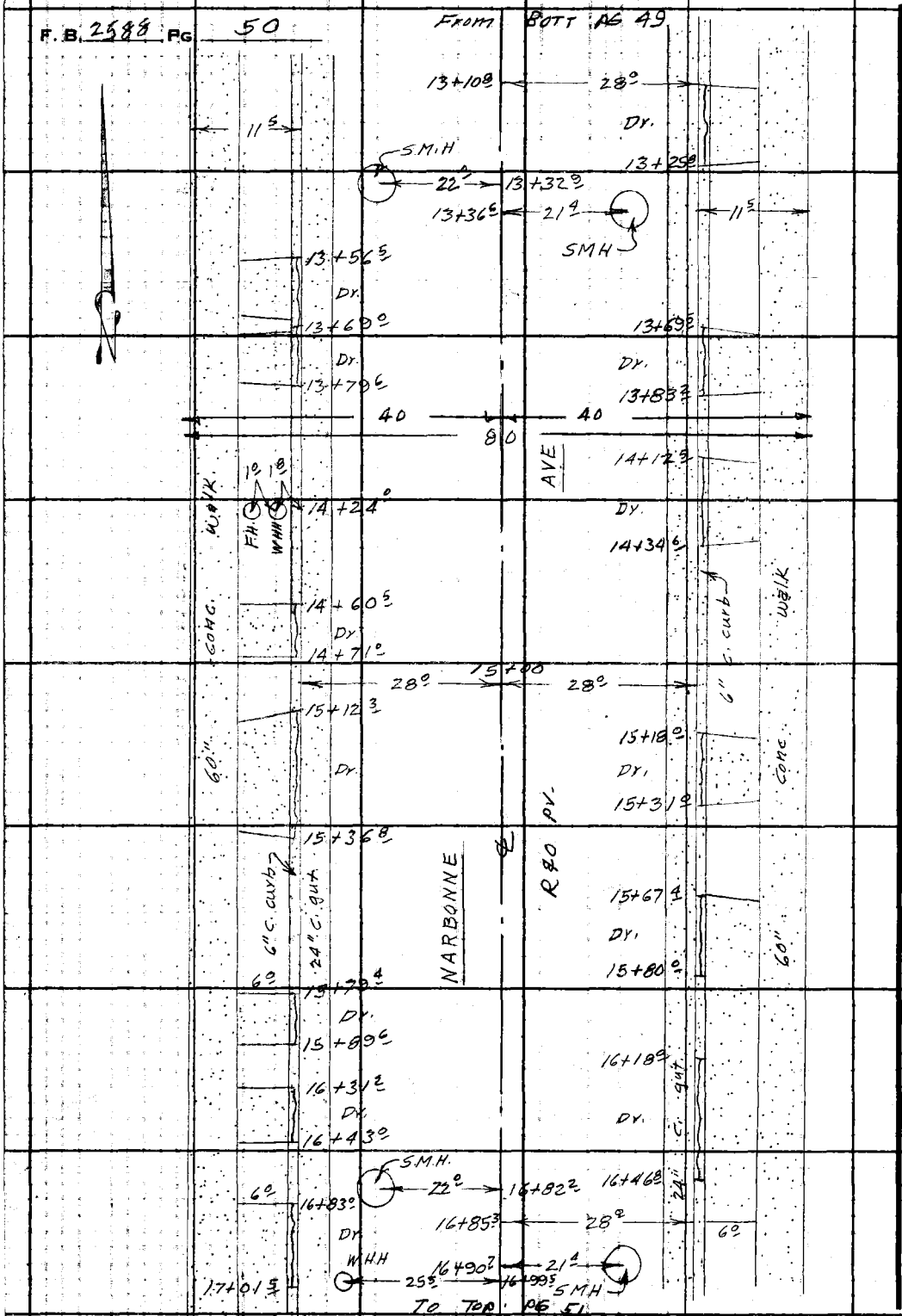
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S C.E. #310 6-62

F. B. 2588 PG 50



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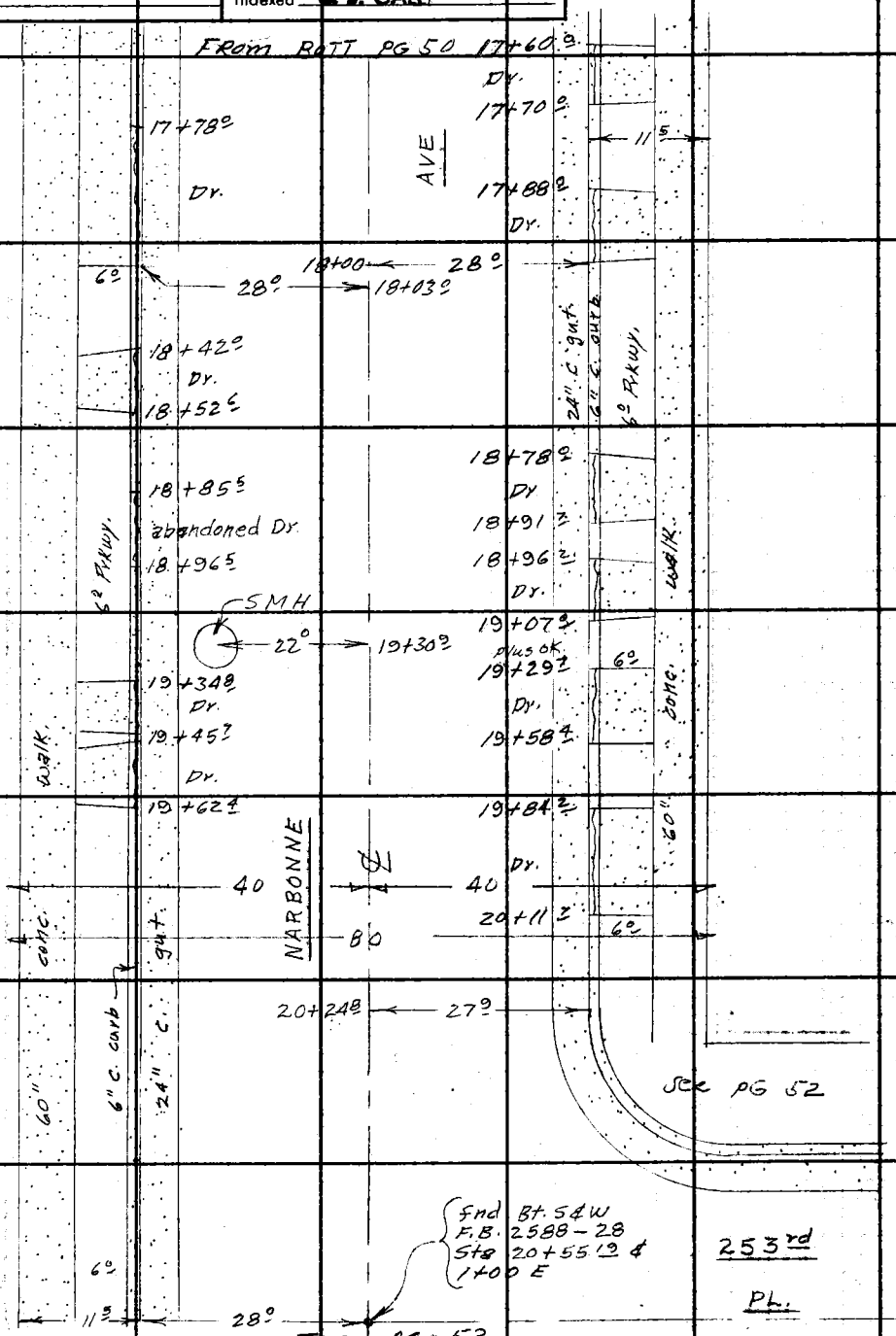
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Storm Drain Proj #688

Notes Ck'd by	Survey of Narbonne Ave	F. B. 2588 Pg. 51
Map No.	JN 6268.80 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D. Foulger Date 12-5-63	
Date	Indexed C. J. GALL	



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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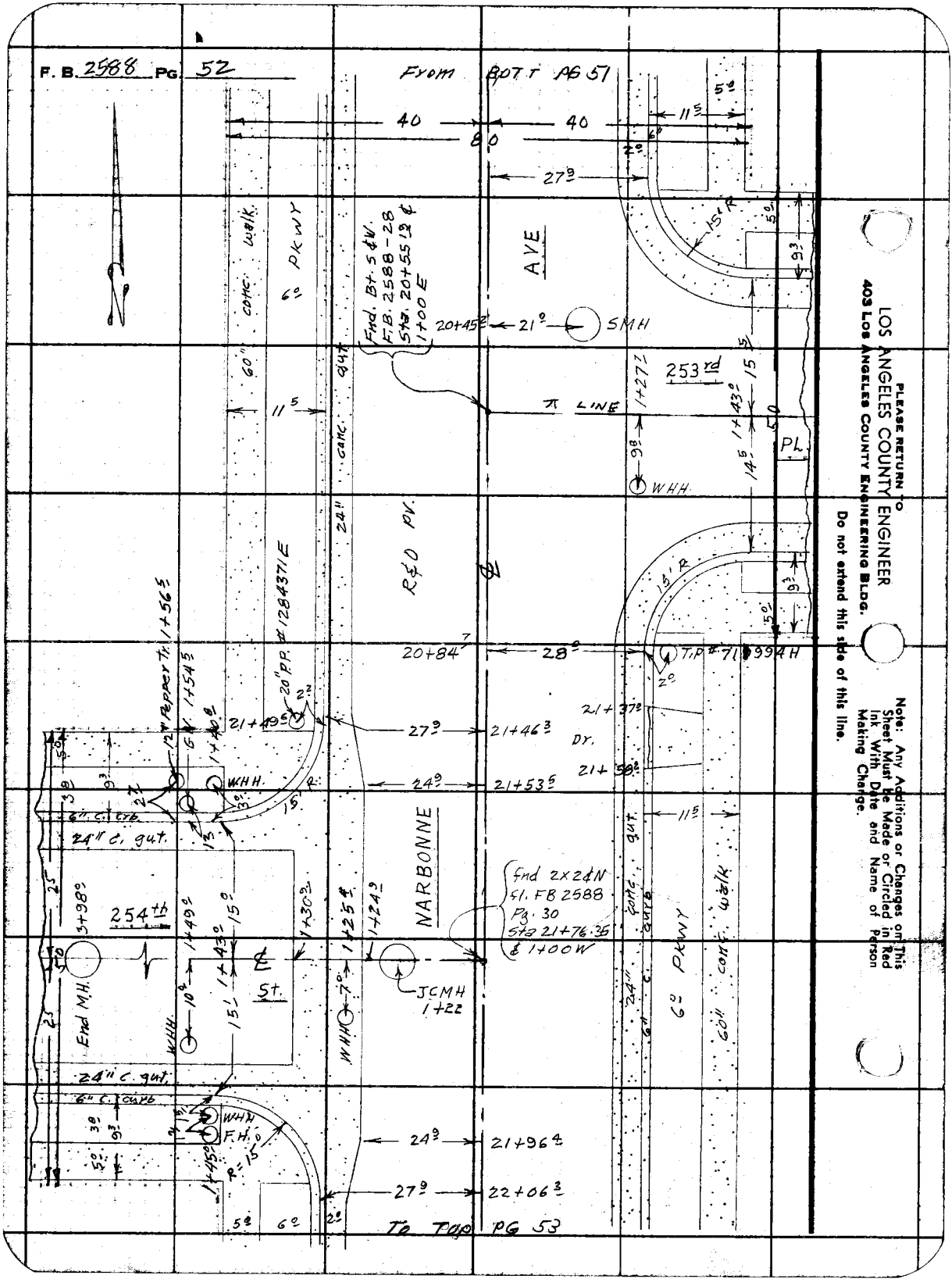
76F309S CE #310 6-62

F. B. 2588 PG. 52



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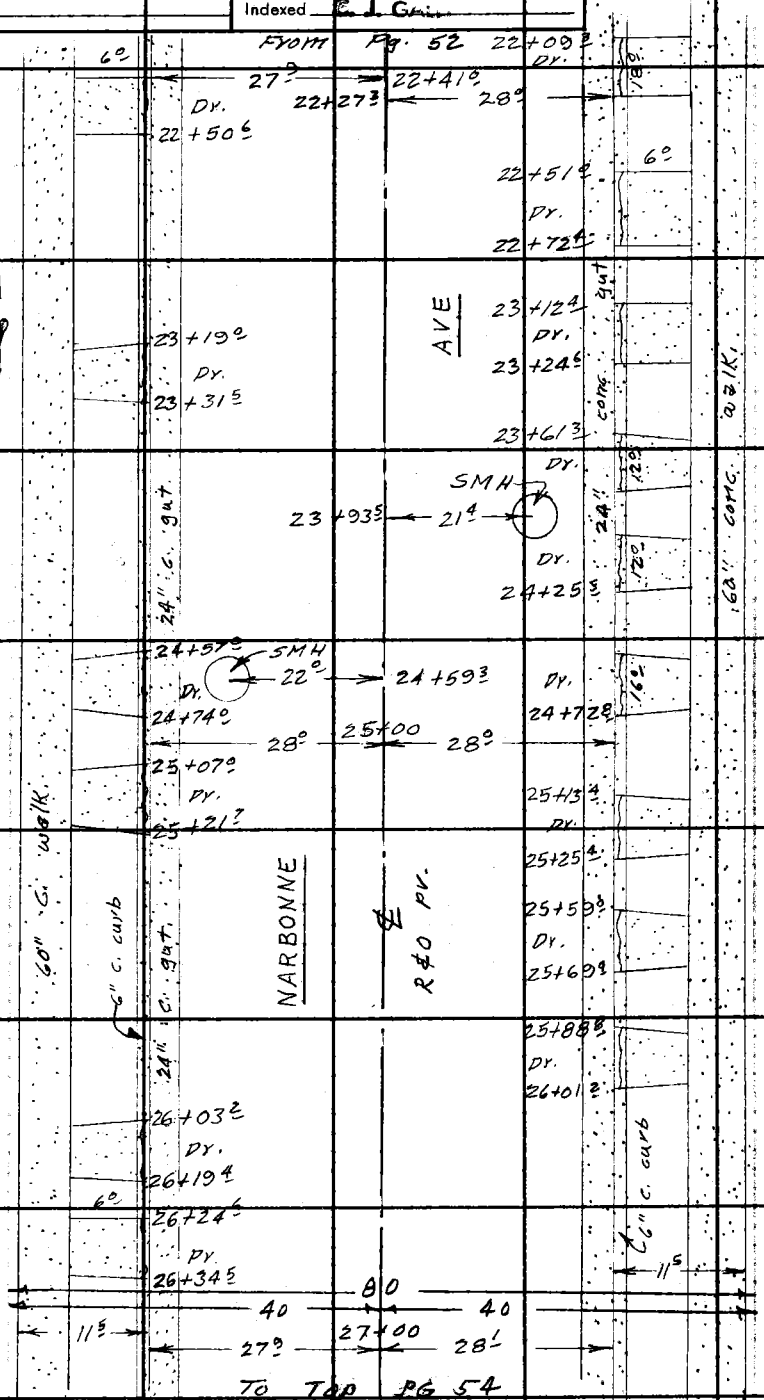
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Storm Drain Proj # 688

Notes Ck'd by	Survey of Narbonne Ave	F. B. 2588 PG. 53
Map No.	JN 6268.80 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D. Foulger Date 12.5.63	
Date	Indexed E. J. Gr...	



To Top PG 54

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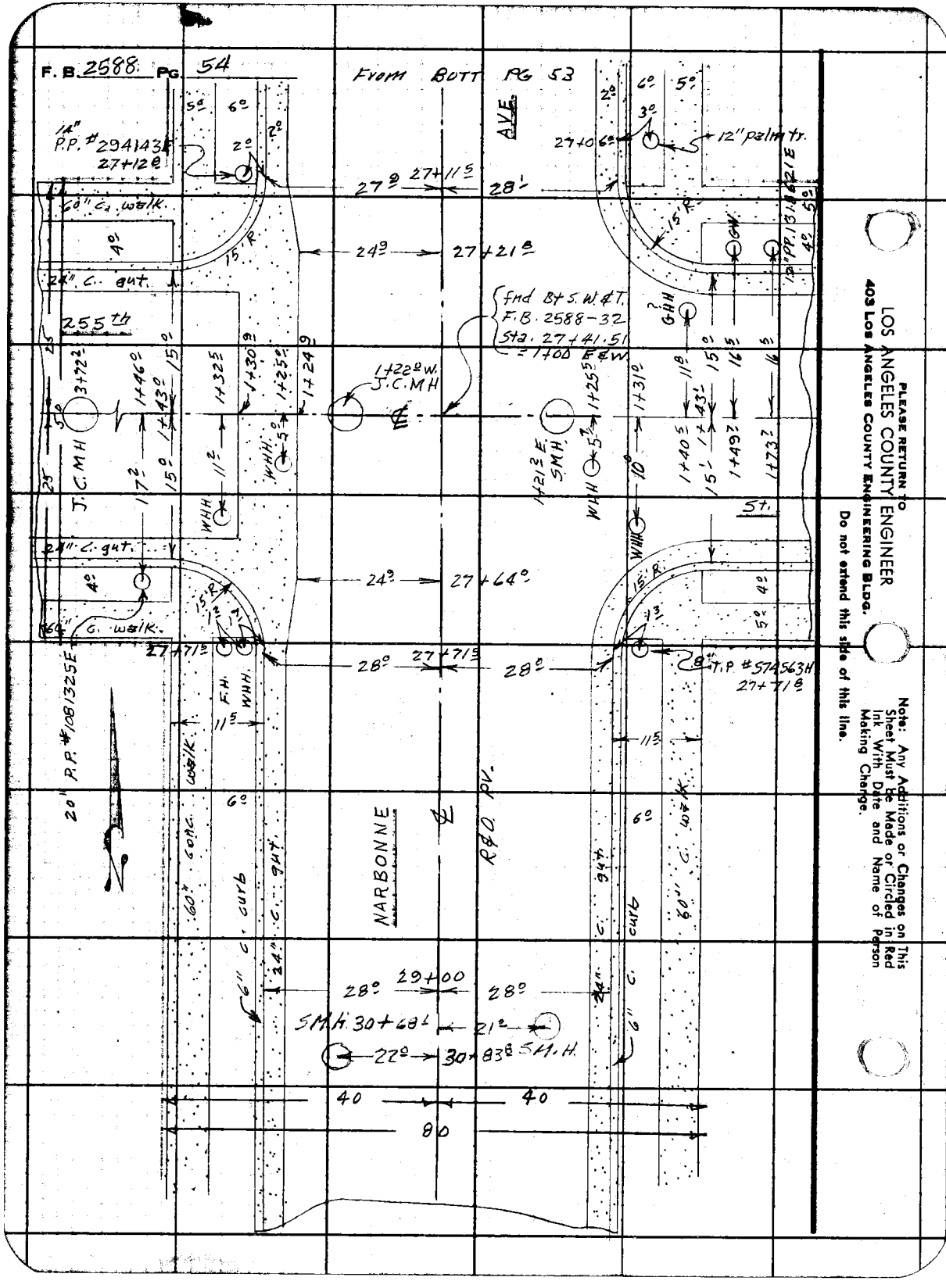
76F3095 CE #310 6-62



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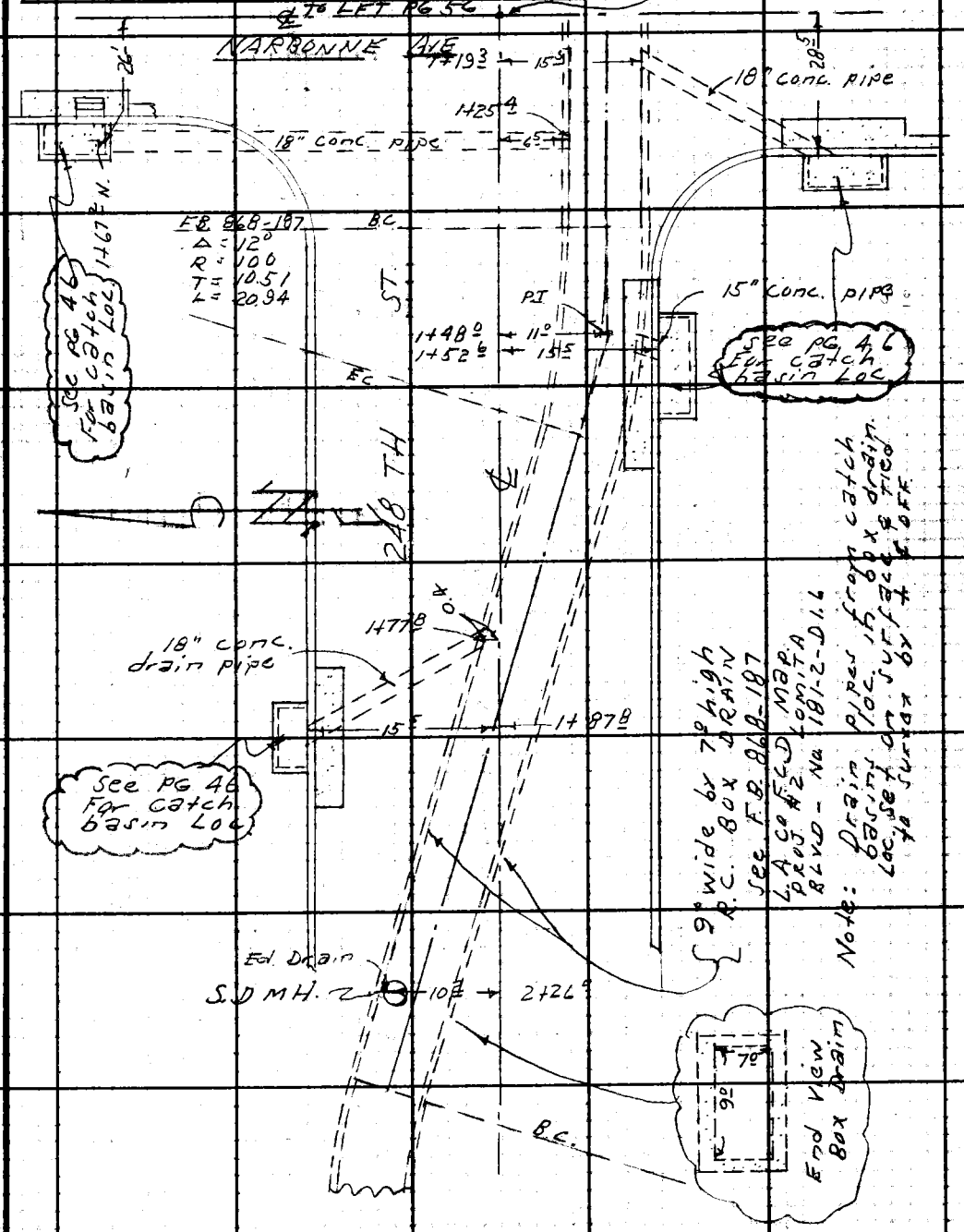
Storm Drain Proj #688

Notes Ck'd by	Survey of Narbonne Ave	F. B. 2588 PG. 55
Map No.	JN 6268.80 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. Date 12-5-63	
Date	Indexed E. J. GALLI	



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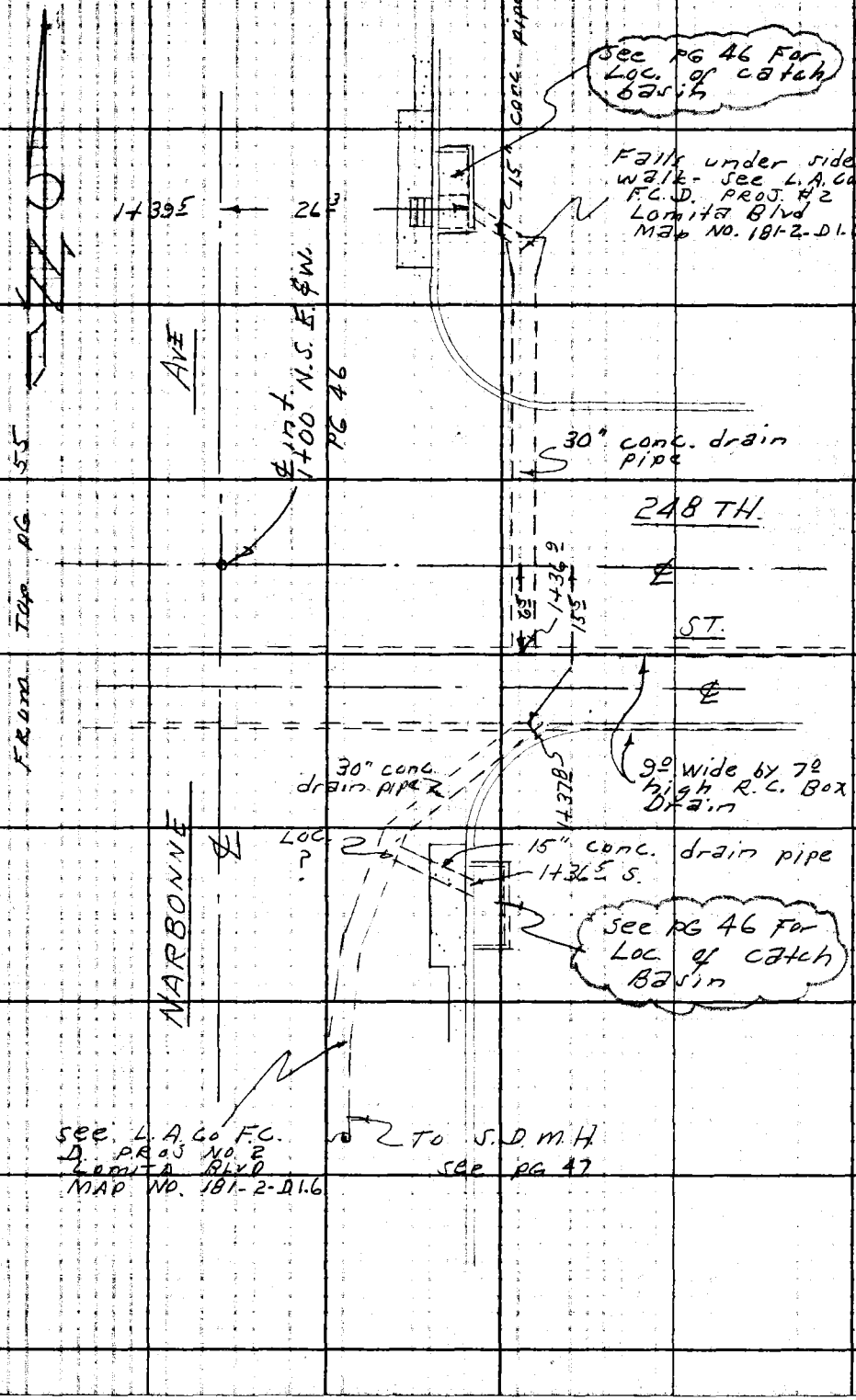
76E3095 C.E. #310 6-62

F. B. 2598 PG. 56



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Profile No.	Notes Red	Plotted	Job No. 626880	Division No. 11	F.B. 2588 Pg. 57
	Date	Date	Survey of Narbonne Ave. S.D. # 688		
X-Sec. No.	Notes Chkd.	Checked	Survey by Sappell	Notes D.S.	Date 12-6-63
	Date	Date	Map No.	Indexed C. J. GALLI	Date DEC 17 '63

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76-L298 CE 307 3-61

J.N. 626880

NARBONNE AVE

STORM DRAIN PROJ. # 688

CROSS-SECTIONS

ON

NARBONNE AVE

FROM

248 TH ST

TO

255 TH ST.

STATION	B.S.	H.I.	F.S.	ELEV.
				Note: Lenker Rod used
	Sappell Foulger Lieber Dupuis Yamamoto			

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
BM SD 3230			To be adj.	66 59	BM SD 3230 To Be adj. El. 66.587 Ave (E. side) 105'± Bt. spk in curb.	F.B. 2588-12, Narbonne N. of ℄ 248 TH ST
1+00	going	N.S.E. & W.		64 67	PG 46	℄ int. Narbonne & 248TH.
1+00	going	N.	along	the	℄ of Narbonne	Ave
					LT & W.	℄ Narbonne RT & E
1+35 N.				64 08		20 cor apron.
				63 75		24 gutt.
				64 50		24 Top cb.
1+39.5 N				65 00		℄
				64 70		12 W/4
				63 87		21.8 Ed iron grate
				61 62		21.8 bott catch basin
				61 11		26.3 inv 15" conc. pipe & bott of basin
				64 86	12 W/4	
				64 37	22.3 Ed gutt.	
				64 14	24.3 gutt	
				64 21	24.3 depressed cb.	

F.B. 2588 PG. 58 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave. S.D. # 688 Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
Indexed R. J. GALL Date Date Date No.

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LT & W.	℄ Narbonne RT & E.
1+41.1	N			63 60		24 gutt.
				62 55		24 Top spillway
				61 55		24 bott basin
1+45.8	N			63 63		24 gutt.
				63 03		24 bott basin
1+51.2	N			64 39		20 cor apron.
				64 21		24 gutt
				64 89		24 Top cb.
1 +63.3	N			65 11	20.3 cor apron.	
				64 70	24.3 gutt	
				64 78	24.3 depressed cb.	
1+67.2	N			64 89	22.1 S.E cor iron grate	
				63 39	22.1 bott basin	
				64 55	24.3 gutt	
				65 55	24.3 Top cb.	
				62 15	26.1 inv. 18" conc drain pipe & bott basin	
1+70.5	N			65 50		℄
				65 48		12 W/4
				65 26		22 Ed gutt
				65 06		24 "
				65 65		24 Top cb.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 2588 Pg. 59
X-Sec. No. ____ Date ____ Date ____ Survey of Narbonne Ave - S.D #688
Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 12-6-63
Date ____ Date ____ Map No. ____ Indexed J. GALLI Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LT & W.	℄ Narbonne RT & E.
1+70.5	N.			65 48	12 W/4	
				65 00	22.1 N.E cor Iron grate	
				62 50	12.1 bott basin	
				64 69	24.3 gutt.	
				63 49	24.3 Top spillway	
				62 49	24.3 bott basin	
1+75.0	N			64 92	24.3 gutt.	
				64 52	24.3 bott basin	
1+81.0	N.			65 59	20.3 cor apron	
				65 27	24.3 gutt	
				65 97	24.3 Top cb.	
2+00	N.			66 17		℄ brk
				66 24		12 W/4
				66 68		22 Ed gutt
				65 88		24 "
				66 52		24 Top cb.
				66 14	12 W/4	
				65 93	22.2 Ed gutt	
				65 71	24.2 "	
				65 79	24.2 depressed cb.	

F.B. 2588 Pg. 60 Job No. 6268.80 Division No. 11 Notes Red Date Plotted Date No. Profile
Survey of Narbonne Ave - S.D. #688 Notes Chkd. Date Checked Date No. X-Sec.
Survey by Sappell Notes D.S. Date
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STATION	B.S.	H.I.	F.S.	ELEV.	LT & W.	℄ Narbonne	RT & E
3+00	N.			67 68		℄	
				67 53		12 W/4	
				67 22		24 gutt	
				67 77		24 Top cb	
				67 46	12 W/4	(Note: conc. gutter under	
				66 89	24² gutt	pre-mix pv.)	
				67 49	24² Top cb.		
3+76³	N.					18² SMH	
				68 37	N. Rim		
				68 33	S. "		
		68.37 -	11.67 =	56 70	"inv. 8" inlet N.	Meas 11.00 Diam 0.67 Rod 11.67	
		68 33 -	11.80 =	56 53	"inv. 8" outlet S.		11.13 0.67 11.80
		End	of	sec. to N.			
1+00	going E	from	℄ int.	Narbonne Ave	& 248 TH ST.		
					LT & N.	℄ 248 TH	RT & S.
1+18⁵ E						℄ " J.C. M.H.	
				64 30	N. Rim		
				64 31	S. "		
				64 26	E. "		
				64 33	W. "		

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6268.80 Division No. 11 Survey of Narbonne Ave. SD #688 Survey by Sappell Notes DS Date 12-6-63 Map No. ____ Indexed C. J. GALLI Date ____

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

F.B. 2588 Pg. 61

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STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ N.	℄ 248 TH	RT ℄ S.
		64.30 -	13.29±	51 01	inv. 8" inlet N.	Meas. 12.62 Diam 0.67 Rod 13.29	
		64.31 -	13.35±	50 96	inv. 8" " S.		12.68 0.67 13.35
		64.26 -	13.85±	50 41	inv. 12" outlet E.	12.85 1.00 13.85	
		64.33 -	13.83±	50 50	inv. 10" inlet W.		13.00 0.83 13.83 conc.
1+36.9 E				57 09	Note: Inv. el. of pipes & Bott of box drain estab. by leveling from bott of drain el. (53.93) PG 67	6.5 inv. 30" drain pipe	
"				53 54		6.5 bott box drain conc.	
1+37.8 E.				56 77		15.5 inv. 30" drain pipe	
"				53 52		15.5 bott box drain	
1+49.0 E				63 95		℄	
				63 92	7.5 W/4		
				63 84	13 Ed gutt		
				63 68	15 "		
				64 39	15 Top cb		
1+53.3 E				63 97		℄	
				63 91		7.5	
				63 84		13 same	
				63 66		15	
				64 32		15	
1+89.0 E				64 00		℄	
				63 95		7.5	
				63 74		13 same	
				63 63		15	
				64 30		15	

F.B. 2588 Pg. 62 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave. S.D. #688 Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
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STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ N.	℄ 248 TH	RT ℄ S.
1+89 E				6390	7.5 W/4		
				6371	13 Ed gutt.		
				6358	15 "		
				6421	15 Top cb.		
				6402	TP.		
TP. 2+74.0 E				6339		13 cor. gutt	
				6332		15 gutt End	
				6400		15 Top cb "	
2+89 E				6388		℄	
				6364		7.5 W/4	
				6328		15 Ed pr. & F/L	
				6377	7.5		
				6362	13 same.		
				6344	15		
				6410	15		
5+00 E						J.C. M.H. ℄ int 248 TH & Woodward	
				6351	N Rim		
				6351	S "		
				6351	E "		
				6351	W. "		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 2588 Pg. 63
X-Sec. No. ____ Date ____ Date ____ Survey of Narbonne Ave. SD #688
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F.B. 2588 Pg. 64 | Job No. 6268.80 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Narbonne Ave. S.D. #688 | Date | Date | No.
Survey by Sapell Notes D.S. | Notes Chkd. | Checked | X-Sec.
Indexed C. J. CALL Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.		
		63.51-	13.57=	49.94	inv. 8" inlet N.	Meas. 12.90 Diam 0.67 Rod 13.57.
		63.51-	12.82=	50.69	inv. 8" inlet S.	12.15 0.67 12.82.
		63.51-	13.82	49.69	inv. 12" outlet E.	12.82 1.00 13.82.
		63.51-	13.79	49.72	inv. 12" inlet W.	12.79 1.00 13.79.
TP				64.69	TP.	
	End	of	sec.	To	E	
1+00	going	W.	from	℄	int. Narbonne	℄ 248 TH
					LT ℄ S.	℄ 248 TH. RT ℄ N.
1+22° W						℄ J.C.M.H.
				64.35	E Rim	
				64.30	W "	
				64.31	S "	
		64.35-	13.72=	50.63	inv. 10" outlet E	Meas 12.89 Diam 0.83 Rod 13.72.
		64.30-	13.67=	50.63	inv. 10" inlet W.	12.84 0.83 13.67.
		64.31-	13.07=	51.24	inv. 8" " S.	12.40 0.67 13.07.

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STATION	B.S.	H.I.	F.S.	ELEV.	LT & S.	℄ 248 TH.	RT & N.
1+19.3	+ok	See Note PG 62		57 81	15.5 inv. 18" conc. Drain pipe		
				58 71	15.5 bott. box drain		
1+25.4	w.			57 87	6.5 inv. 18" conc. Drain pipe		
				53 82	6.5 bott. box drain		
1+44.1	w.			64 41	11.0 cor conc. apron.		
				64 02	15.0 gutt. W. end C.R. S.W. cor.		
				64 71	15.0 Top cb.		
1+52.6	W.			64 51		℄	
				64 36		7.5 w/4	
				64 14		15 gutt.	
				64 18		15 depressed cb.	
				64 50	7.5 w/4		
				64 42	11.0 Ed apron		
				64 28	12.5 brk. in apron		
				63 70	15 gutt.		
				64 68	15.0 Top catch basin		
				58 58	15.5 inv. 15" conc. drain & bott. catch basin		
1+57.6	W			63 80	15.0 brk. in apron.		
1+62.5	W			64 46	11.0 cor apron		
				64 12	15.0 gutt.		
				64 80	15.0 Top cb.		
1+77.8	W see	Note PG	62	58 46		0.4 inv. 18" conc drain pipe	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 2588 Pg. 65
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STATION	B. S.	H. I.	F. S.	ELEV.	LT & S	℄ 248 TH RT & N
1+77.8 W		see Note PG 62		5386		0.4 bott box drain
1+79.2 "				6451		11.0 cor apron
				6430		13 brk in apron
				6408		15 gutt
				6451		15 depressed cb.
1+81.2 "				6481		15 Top cb.
1+87.8 W				6469		℄
				6462		7.5 W/4
				6459		11.0 Ed apron
				6439		13.0 brk in apron
				6387		15 gutt (apron)
				6479		15 Top catch basin
				6019		15.5 inv. 18" conc. bott pipe & basin
				6455	7.5 W/4	
				6432	15 gutt	
				6494	15 Top cb.	
1+93.0 W				6396		15.0 gutt (apron)
1+98.3 W				6456		11.0 cor apron
				6420		15 gutt
				6492		15 Top cb.

F.B. 2588 Pg. 66 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave - S.D. #688 Date Date No. X-Sec.
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STATION	B.S.	H.I.	F.S.	ELEV.	LT & S.	℄ 248TH RT & N
2+26.0	W			64 53		10.2 N. Rim S.D M.H.
				53.93		10.2 bott box drain
2+28.5	"			53 35		1.6 " " "
2+72	"			65 00		℄
				64 93		7.5 W/4
				64 53		15 gutt.
				65 04		Top cb. 15 E. end C.R. N.E. Cor Alley
				64 32	7.5	
				64 55	15	
				65 22	15	
2+82.0	"					℄ Drop M.H.
				65 02	N Rim	
				65 04	E "	
				65 04	W "	
		65.02 -	13.86 =	51 16	inv. 10" inlet N.	meas. 13.03 Diam 0.83 Pod 13.86
		65.04 -	14.16 =	50 88	inv. 10" outlet E	13.33 0.83 14.16
		65.04 -	9.52 =	55.52	inv. 8 inlet W.	8.85 0.67 9.52
	End	sec to	W.			13.35 0.67 14.02
		65.04 -	14.02 =	51.02	inv. 8 inlet W.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 626880 Division No. 11 F.B. 2588 Pg. 67
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Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 12-6-63
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STATION	B.S.	H.I.	F.S.	ELEV.		
1+00	going S. along			℄ int. Narbonne &	24 B TH	
					LT & E.	℄ Narbonne RT & W.
1+30 S.				6417		24° cor apron
				6391		28° gutt
				6454	Top cb.	28° S. End C.R. S.W. cor.
				6396	24 cor apron.	
				6367	28 gutt	
				6434	28 Top cb. - S. end	C.R SE cor.
1+35 7 S				6469		℄
				6467		14 W/4
				6421		24 Ed apron
				6408		25 7 brk in apron
				6361		28 gutt apron
				6454		28 Top catch basin
				6129		28 5 inv. 18" conc
					drain pipe &	bott catch basin

F.B. 2588 Pg. 68 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave. S.D. # 688 Date Date No.
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STATION	B.S.	H.I.	F.S.	ELEV.	LT & E	℄ Narbonne RT & W.
1+36.5 S				64 51	14 W/L	
				64 06	24 Ed apron	
				63 95	26.2 brk in apron	
				63 44	28 gutt	
				64 45	28 Top catch basin	
				59 90	28.5 inv 15" conc. pipe & bott catch basin	
1+45.0				63 75		28.0 gutt. (apron)
				64 75	28.0 Top basin	
				63 78	29.0 gutt (apron)	
1+51.0				64 25		24 cor apron
				64 13		26 int gutt & apron
				63 97		28 gutt
				64 62		28 Top cb.
				64 28	24	
				64 11	26 same	
				63 92	28 as pt.	
				63 99	28 depressed cb.	
1+96.5				64 91	24 cor apron	
				64 77	26 int " & gutt	
				64 63	28 gutt	
				64 71	28 dep cb.	
1+98.3				65 28	29 Top cb.	

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X-Sec. No. ____ Date ____ Date ____ Survey of Narbonne Ave. S.D. # 688
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STATION	B.S.	H.I.	F.S.	ELEV.	LT & E.	℄ Narbonne RT & W.
2+01±					13 ± Approx loc. of S.D.M.H. unable to get inv. el. of drain pipes from catch basins.- M.H. under approx 5" of pre-mix pv.	
2+01°	South.			6480	26 brk in apron.	
				6428	28 gutt. (apron)	
2+06°				6574		℄
				6535	14 w/4	
				6496	24 Ed apron.	
				6491	26.5 Brk in apron	
				6425	28 gutt. (apron)	
				6524	28 Top catch basin	
				5966	28.5 inv. 18" conc. pipe & bott catch basin	
2+11³				6503	25 brk in apron.	
				6438	28 gutt (apron.)	
2+16°				6515		24 cor apron
				6497		26 int " & gutt
				6482		28 gutt
				6485		28 depressed cb.
2+17				6519	24 cor apron	
				6500	26 int " & gutt	

F.B. 2588 Pg. 70 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave. S.D. # 688 Date Date No.
Survey by Sappe 11 Notes D.S. Notes Chkd. Checked X-Sec.
Indexed [redacted] GALL Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ E.	℄ Narbonne RT ℄ W
2+17				64 39	28 gutt	
				65 53	28 Top cb.	
2+18				65 47		28 Top cb.
2+21°				65 03		26 brk in apron.
				64 70		28 gutt.
2+26°				65 96		℄
				65 84		14' w/4
				65 22		24 Ed apron
				65 08		26 brk in. "
				64 64		28 gutt
				65 58		28 Top catch basin
				62 18		28° inv 18" conc. pipe
				—	℄ bott of catch basin	
2+32°				64 74		28° gutt apron.
2+39°				65 36		24 cor. apron.
				65 20		26 int apron & gutt.
				65 07		28 gutt.
				65 74		28 Top cb.
3+00				66 61		℄
				66 47		14 w/4
				65 88		26 Ed gutt

Profile Notes Red ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 2588 Pg. 71
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No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date ____

F.B. 2588 Pg. 72 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave - S.D #688 Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
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STATION	B.S.	H.I.	F.S.	ELEV.	LT & E	℄ Narborne RT. & W.
3+00				65 80		28 gutt
				66 51		28 Top cb.
				66 34	14 w/4	
				65 77	26 Ed gutt.	
				65 57	28 "	
				66 29	28 Top cb.	
3+25.5					21.3 S.m.H.	
				66 25	N Rim	
				66 29	S "	
		66.25 -	12.18 =	54 07	Inv. 8" outlet N.	Meas 11.51 Diam 0.67 Rod 12.18
		66.29 -	12.05 =	54 24	Inv. 8" inlet S.	11.38 0.67 12.05
3+64.5						22° S.m.H.
				66 71	N Rim	
				66 73	S "	
		66.71 -	11.72 =	54 99	Inv. 8" outlet N.	Meas. 11.05 Diam 0.67 Rod 11.72
		66.73 -	11.64 =	55 09	Inv. 8" inlet S.	10.97 0.67 11.64

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STATION	B.S.	H.I.	F.S.	ELEV.	LT & E	℄ Narbonne	RT & W
4+00				6756		℄	
				6745		14	w/4
				6684		26	Ed gutt.
				6667		28	"
				6680		28	depressed cb.
				6729	14		
				6655	26	same	
				6637	28		
				6646	28	depressed cb	
TP				6794	TP.		
5+00				6840		℄	
				6830		14	w/4
				6771		26	Ed gutt.
				6759		28	"
				6827		28	Top cb.
				6807	14		
				6736	26	same	
				6713	28		
				6719	28	depressed cb.	

Profile Notes Red ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 2588 Pg. 73
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No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date ____

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F.B. 2588 Pg. 74 | Job No. 6268.80 | Division No. 11 | Notes Red ___ Date ___ | Notes Chkd. ___ Date ___ | Plotted ___ Date ___ | Checked ___ Date ___ | Profile No. ___ | X-Sec. No. ___

Survey of Narbonne Ave - S.D. # 6.88
Survey by Sarne Notes D.S.
Indexed G. J. GALLI Date

STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄	℄ Narbonne	RT ℄
5+46 2						22°	End MH.
				68.26	N Rim		
		68.26 -	11.32 =	56.94	Inv. 8" outlet N.		Meas. 10.65 Diam 0.67 Rod 11.32
5+46 2					21 2 End M.H.		
				67.96	N. Rim		
		67.96 -	11.87 =	56.09	Inv. 8" outlet N.		Meas. 11.20 Diam 0.67 Rod 11.87
BM SD 3231				67.94	BM SD 3231 To be adj. El 67.939		F.B. 2598-13
					Narbonne Ave & 250TH ST, N.E. cor, 103'± N. of N. end C.R., Bt. SPK in curb.		
5+89 4				68.91		℄	
				68.90		14	W/L
				68.82		26	Fa' gutt
				68.13		27 9	"
				68.28		27 9	depressed cb.
				68.58	14 W/L		
				67.90	26 Fa' gutt		
				67.75	28		
				68.42	28 Top cb		
5+99 4				68.35		25 9	⊥ pt. Fa' gutt
6+07 5				68.42		24 9	⊥ pt. Fa' x. gutt

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
6+29.10				69.21	PG 48	℄ int. Narbonne & 250 TH
" " = 1+00 going E & W.					from ℄ int. along 250 TH. ST	
					LT & N.	℄ 250 TH. RT. & S.
1+14 EAST				69.00		℄
1+21.9 "						℄ J.C.M.H.
				68.82	E Rim	
				68.85	W. "	
				68.85	S "	
		69.82 -	11.80 =	57.02	Inv. 15" outlet E.	Meas 10.55 Diam 1.25 Rod 11.80
		68.85 -	11.75 =	57.10	Inv. 15" inlet W.	10.50 1.25 11.75
		68.85 -	11.32 =	57.53	Inv. 8" " S.	10.65 0.67 11.32
1+28.9				68.72		℄
1+53.9				68.54		℄
				68.61		75 W/A
				68.52		13 Ed gutt
				68.33		15 "
				68.92		15 Top ob
				68.39	75 W/A	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 2588 Pg. 75
X-Sec. No. ____ Date ____ Date ____ Survey of Narbonne Ave. SD # 688
Notes Chkd. ____ Checked ____ Survey by Sappell Notes ____ Date 12-9-63
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	LT & N	℄ 250 TH. ST. RT & S.
1+53°				67 99	13 Ed gutt	
				67 36	15 "	
				67 96	15 depressed cb.	
1+93°				68 42		℄
				68 49		7.5 w/4
				68 20		13 Ed gutt
				67 96		15 "
				68 21		15 Top cb.
				68 18	7.5	
				67 70	13 same	
				67 56	15	
				67 65	15 depressed cb.	
2+93°				67 88		℄
				67 83		7.5
				67 57		13
				67 40		15 same
				68 05		15
				67 63	7.5	
				67 24	13 same	
				67 65	15	
				67 73	15	

F.B. 2588 Pg. 76 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave. S.D. #688 Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
Indexed [illegible] Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LT & N.	℄ 250 TH	RT & S.
5+12.5						℄ int. 250 TH. & Woodward	
					to the south - & J.C.M.H.		
				66.69	E Rim		
				66.65	W "		
				66.71	S. "	Meas. 10.76	
		66.69 -	12.01 =	54.68	inv. 15" outlet E.	Diam 1.25	
						Rod 12.01	
							10.70
		66.65 -	11.95 =	54.70	inv. 15" inlet W		1.25
							11.95
						10.63	
		66.71 -	11.30 =	55.41	inv. 8" " S.	0.67	
						11.30	
		End	sec.	To	East		
1+00	going W.	along ℄			250 TH. ST. from ℄ int		Narbonne & 250 TH.
					LT & S.	℄ 250 TH	RT & N.
1+14	West.			69.09		℄	
1+22.4						℄ J.C.M.H.	
				68.85	E Rim		
				68.75	W. "		
				68.81	S. "	Meas. 10.23	
		68.85 -	11.48 =	57.37	inv. 15" inlet W.	Diam 1.25	
						Rod 11.48	
							10.28
		68.75 -	11.53 =	57.22	inv. 15" outlet E.	10.40	1.25
		68.81 -	11.07 =	57.74	inv. 8" inlet S.	0.67	11.53
						11.07	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 2588 Pg. 77
X-Sec. No. ____ Date ____ Date ____ Survey of Narbonne Ave. S.D. # 688
Notes Chkd. ____ Checked ____ Survey by Sappell Notes DS Date 12-9-43
Map No. ____ Date ____ Date ____ Indexed E. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	LT ES.	℄ 250 TH. RT ℄ N.
1+24.9 WEST				69.[illegible]		℄ Ed "X" gutt.
1+27.9				69.[illegible]		℄ F/L " "
1+30.9				69.[illegible]		℄ Ed " "
1+53.2				69.15		℄
				68.95		7.5 W/4
				68.[illegible]		13 Ed gutt
				69.[illegible]		15
				69.[illegible]		15 Top cb
				69.[illegible]	7.5	
				69.[illegible]	13	
				69.72	15 same	
				69.34	15	
1+93.2				69.44		℄
				69.[illegible]		7.5
				68.80		13 same
				68.[illegible]		15
				69.29		15
				69.[illegible]	7.5	
				69.[illegible]	13 same	
				68.[illegible]	15	
				69.50	15.	

F.B. 2588 Pg. 78 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave. SD #688 Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed E. J. GALLI Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ S.	℄ 250 TH	RT ℄ N.
2+93²				70 23		℄	
				70 02		7⁵	W/4
				69 [illegible]		13	Ed. gut.
				69 33		15	"
				70 07		15	Top "
				70 14	75		
				69 75	13	same	
				69 57	15		
				70 23	15		
3+17²						℄ S.M.H.	
				70 66	E Rim		
				70 68	W. "		
		70.66 -	12.55 =	58 11	Inv. 15" in 1² E.		Meas 11.30 Diam 1.25 Rim 12.55
							11.34 1.25 12.59
		70.63 -	12.59 =	58.09	Inv. 15" outlet W		
		E =	Sec.	To	West		
	Sec.	cont.	S.	5 to 9	℄ Narbonne	from ℄ int.	N. Narbonne ℄ 250 TH
					LT ℄ E	℄ Narbonne	RT ℄ W
6+51²				68 89		24⁹ ⅋ pt.	Ed. ⅋ gut.
6+59				68 99		25⁹ ⅋ pt.	Ed. gut.

Profile No. ____ X-Sec. No. ____
Notes Red. ____ Date ____ Notes Chkd. ____ Date ____
Plotted ____ Date ____ Checked ____ Date ____
Job No. 6268.80 Division No. 11
Survey of Narbonne Ave. - S.D. #688
Survey by Sappell Notes 25 Date 12-9-63
Map No. ____ Indexed G. J. Galli Date ____
F.B. 2588 Pg. 79

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STATION	B. S.	H. I.	F. S.	ELEV.	LT & E	℄ Narbonne	RT & W.
6+69				69 51		℄	
				69 41		14	w/4
				69 37		26	Ed gutt
				68 74		28	
				69 25		28	Top cb
				69 25	14		
				69 77	26		
				68 63	28 same		
				69 25	28		
TP				68 03	TP		
7+00				69 69		℄	
				69 65		14	
				69 11		26 same	
				68 85		28	
				69 50		28	
				69 48	14		
				69 02	26		
				68 85	28 same		
				69 47	28		
8+00				70 25		℄	
				70 19		14	w/4

F. B. 2588 Pg. 80 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave - S.D. # 688 Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed E. J. GALLI Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	LT & E	℄ Narbonne	RT & W
8+00				69 69		26	Ed gutt
				69 55		28	"
				70 22		28	Top ch
				69 95	14 W/L		
				69 38	26 Ed gutt		
				69 22	28		
				69 85	28 Top ch.		
9+00				70 85		℄	
				70 83		14	
				70 29		26	same
				70 11		28	
				70 77		28	
				70 64	14		
				69 88	26		
				69 82	28 same		
				70 43	28		
9+80.8						22° S.M.H.	
				71 70	N Rim		
				71 73	S "	Meas 10.40	
						Diam 0.67	
		71.70 -	11.07 =	60 63	inv 8" outlet N.	Rod 11.07	10.35
		71.73 -	11.02 =	60.71	inv. 8" inlet S.		0.67
							11.02

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 2588 Pg. 81

X-Sec. No. ____ Date ____ Date ____ Survey of Narbonne Ave. S.D. #688

Notes Chkd. ____ Checked ____ Survey by Sappell Notes DS Date 12-9-63

Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LT & E.	℄ Narbonne	RT & W.
9+83 4					21 2 S.M.H.		
				71 54	N. Rim		
				71 59	S. "		
		71.54 -	11.19 =	60.35	inv 8" outlet N.	meas 10.52 0.67 11.19	
		71.59 -	11.11 =	60.48	inv 8" inlet S.		10.44 0.67 11.11
TP.				71 57	TP.		
10+00				72 51		℄	
				72 46		14	W/4
				71 93		26	Ed gutt
				71 71		28	"
				71 80		28	Depressed cb.
				72 16	14 W/4		
				71 45	26 Ed gutt		
				71 32	28 "		
				71 98	28 Top cb.		
11+00				74 12		℄	
				74 00		14	
				73 26		26	same
				73 11		28	
				73 80		28	

F.B. 2588 Pg. 82 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave. S.D. # 688 Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ E.		℄ Narbonne	RT ℄ W.
11+00				73 95	14	w/1		
				73 28	26	Ed gutt		
				73 17	28	"		
				73 25	28	depressed cb		
12+00				75 71			℄	
				75 67			14	w/4
				75 08			26	Ed gutt
				74 90			28	
				75 67			28	Top cb.
				75 52	14	w/1		
				74 97	26	Ed gutt		
				74 90	28			
				74 87	28	depressed cb.		
13+00				77 49			℄	
				77 40			14	
				76 95			26	same
				76 87			28	
				77 51			28	
				77 28	14			
				76 48	26	same		
				76 39	28			

Profile Notes Red. Plotted Job No. 626880 Division No. 11 F.B. 2588 PG. 83
No. Date Date Survey of Narbonne Ave. Sub H 688
X-Sec. Notes Chkd. Checked Survey by Sappell Notes DS Date 12-9-63
No. Date Date Map No. Indexed S. J. GALLI Date

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STATION	B. S.	H. I.	F. S.	ELEV.	LT ℄ E.	℄ Narbonne RT ℄ W.
13+00				77.06	28 Top cb.	
TP				77.24	TP	
13+32.9						22.9 S.M.H.
				77.77	N Rim	
				77.80	S. "	
		77.77 -	11.48 =	66.29	inv. 8" outlet N.	Meas. 10.81 Diam 0.67 Rod 11.48
		77.80 -	11.42 =	66.38	inv. 8" inlet S.	10.75 0.67 11.42
13+36±					21.4 S.M.H.	
				77.36	N. Rim	
				77.38	S "	
		77.36 -	11.72	65.64	inv. 8" outlet N.	Meas. 11.05 Diam 0.67 Rod 11.72
		77.38 -	11.64	65.74	inv. 8 inlet S.	10.97 0.67 11.64
BM SD. 3232				79.55	To be add: BM SD 3232 El. 79.535 FB. 2588-14	
			(corr)	79.53	Narbonne Ave. (W. side) 885'± S. of 250TH st. - Bt spk in cb. in front of avocado grove.	
14+00				79.28		℄
				79.24		14 W/4

F.B. 2588 Pg. 84 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave. SD #688 Date Date No. X-Sec.
Survey by Sanpe 11 Notes D.S. Notes Chkd. Checked
Indexed C. J. GAIN Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ E	℄ Narbonne	RT ℄ W
14+00				78 75		26	Ed gutt
				78 70		28	"
				79 33		28	Top cb
				78 88	14 w/4		
				78 13	26 Ed gutt		
				78 00	28 "		
				79 62	28 Top cb		
15 ± 00				81 03		℄	
				81 11		14	
				80 49		26	same
				80 41		28	
				81 15		28	
				80 70	14		
				79 88	26 same		
				79 75	28		
				80 42	28		
16+00				82 90		℄	
				82 78		14	
				82 32		26	same
				82 15		28	
				82 85		28	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 626880 Division No. 11 F.B. 2588 Pg. 85
Date ____ Date ____ Survey of Narbonne Ave SD #688
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Sappell Notes P.S. Date 12-9-63
Date ____ Date ____ Map No. ____ Indexed ____ C. J. GALL Date ____

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F.B. 2588 PG. 86 | Job No. 626880 | Division No. 11 | Notes Red ____ Date ____ | Plotted ____ Date ____ | Profile No. ____
Survey of Narbonne Ave - SD #688 | Notes Chkd. ____ Date ____ | Checked ____ Date ____ | X-Sec. No. ____
Survey by Sappell Notes D.S. | Indexed ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ E.	℄ Narbonne	RT ℄ W.
16+00				82.38	14 W/4		
				81.44	26 Ed pv.		
				81.34	28 gutt		
				81.33	28 Top cb.		
T.P				82.32	TP.		
16+93						22° S.M.H.	
				84.11	N Rim		
				84.16	S "		
		84.11-	11.46=	72.65	Inv. 8" outlet N.	meas 10.79 Diam 0.67 Rod 11.46	
		84.16-	11.41=	72.75	Inv. 8" Inlet S.	10.74 0.67 11.41	
16+90					21.4 S.M.H		
				83.66	N Rim		
				83.68	S "		
		83.66	11.71=	71.95	Inv. 8" outlet N.	meas. 11.04 Diam 0.67 Rod 11.71	
		83.68-	11.55=	72.13	Inv. 8" inlet S.		10.88 0.67 11.55
17+00				84.71		℄	
				84.73		14 W/4	
				84.07		26 Ed gutt.	

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	LT ℄ E	℄ Narbonne RT ℄ W.
17+00				8400		28 gutt.
				8465		28 Top ob.
				8420	14 W/4	
				8327	26 Ed gutt.	
				8313	28	
				8375	28 Top ob.	
18+00				8635		℄
				8633		14
				8571		26 same
				8562		28
				8638		28
				8595	14	
				8502	26 same	
				8489	28	
				8554	28	
19+00				8813		℄
				8799		14
				8729		26 same
				8717		28
				8783		28
				8775	14 W/4	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 2533 PG. 87
X-Sec. No. ____ Date ____ Date ____ Survey of Narbonne Ave SD #688
Notes Chkd. ____ Checked ____ Survey by Sapre 11 Notes D.S. Date 12-9-63
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	LT & E.	℄ Narbonne RT & W
19+00				87 79	26 Ed gutt	
				86 66	28 "	
				87 80	28 depressed cb. To be adj.	
BM SD. 3233				89 38	BM SD 3233 El. 89.375 Narbonne Ave (W. 253 RD. Pl. - Bt	F.B. 2588-14, side) 64'± N. of ℄ spk in cb.
19+30.9						22.9 S.M.H.
				88 14	N. Rim	
				88 17	S "	
		88.14 -	11.57 =	76 57	Inv. 8" outlet N.	Meas. 10.90 Diam 0.67 Rod 11.57.
		88.17 -	11.42 =	76.75	Inv. 8" inlet S.	10.75 0.67 11.42.
20+00				89 79		℄
				89 65		14 W/4
				88 93		26 Ed gutt
				88 81		28 "
				89 47		28 Top cb.
20+14.8				90 03		℄
				89 77	14 W/4	
				88 77	26 Ed gutt.	

F.B. 2588 PG. 88 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave - S.D. #688 Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
Indexed C. J. GALL Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ E.	℄ Narbonne	RT ℄ W.
20+14.8				89.63	28 gutt.		
				89.28	28 Top cb.		
20+45.2					21 S.M.H.		
				90.08	N. Rim		
				90.13	S. "		
		90.03 -	11.83 =	78.20	Inv. 8" outlet N.	meas. 11.16 Diam 0.67 Rod. 11.83	
		90.13 -	11.79 =	78.34	Inv. 8" inlet S.	11.12 0.67 11.79	
20+55.19				90.67	PG 51 & 52 Int. ℄ Narbonne & π Line 253 RD PL		
" "	=	1+00	going	E along the π Line 253 RD.			
					LT ℄ N.	π Line 253 RD.	RT ℄ S.
1+14	EAST.			90.46		π "	
1+29	"			90.11		π "	
1+43.2	"			90.25		π "	
				90.36			7.3. W/4
				90.23			12.5 Ed pv.
				90.14			12.5 " gutt.
				89.99			14.5 gutt.
				90.69		Top cb.	14.5 E. end C.R. S.E. COR.
				90.02	7.8 W/4		

Profile Notes Red. ____ Plotted ____ Job No. 6248.80 Division No. 11 F.B. 2538 Pg. 89
No. ____ Date ____ Date ____ Date ____ Survey of Narbonne Ave. SD #688
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STATION	B. S.	H. I.	F. S.	ELEV.		
					⊼ LINE 253 RD	
1+43° EAST				8959	13.5 Ed pv.	
				8940	13.5 " gutt	
				8926	15.5 "	
				8993	15.5 Top cb.	E. end C.R. N.E. Cor.
1+53°	"			9023		⊼ Line
				9029		7.3 W/4
				9020		12.7 Ed pv.
				9012		12.7 " gutt
				8996		14.7 "
				9059		14.7 Top cb.
				8990	7.8 W/4	
				8937	13.6 Ed pv.	
				8926	13.6 " gutt	
				8920	15.6 "	
				8985	15.6 Top cb.	
1+93°	"			8991		⊼ Line
				8997		7.3 W/4
				8980		12.7 Ed pv.
				8973		12.7 " gutt
				8963		14.7 "
				9033		14.7 Top cb.

F. B. 2588 Pg. 90 Job No. 626880 Division No. 11 Notes Red Date Plotted Date Profile No.
Survey of Narbonne Ave - SD #688 Notes Chkd Date Checked Date X-Sec. No.
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STATION	B.S.	H.I.	F.S.	ELEV.	LT & N.	⊼	LINE 253 RD.	RT & S.
1+93.0	EAST			8952	7.6 W/4			
				8909	13.3 Ed pv.			
				8897	13.3 " gutt.			
				8886	15.3 "			
				8950	15.3 Top cb.			
2+93.0	"			8916		⊼	Line	
				8923			7.4 W/4	
				8905			12.7 Ed pv.	
				8893			12.7 " gutt.	
				8883			14.7 "	
				8946			14.7 Top cb.	
				8872	7.6 W/4			
				8930	13.3 Ed pv.			
				8811	13.3 " gutt			
				8800	15.3 gutt.			
				8865	15.3 Top cb.			
		End	sec.	To	EAST.			
	sec.	cont.	So.	along	Narbonne from 253 RD PL.			
					LT & E.		℄ Narbonne	RT & W.
20 ± 94.7				9133			℄	
				9111			14 W/4	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6268.86 Division No. 11 F.B. 2598 Pg. 91
X-Sec. No. ____ Date ____ Date ____ Survey of Narbonne Ave. SD # 688
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Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LT & E	℄ Narbonne RT & W.
20+94.7				9060		26 Ed gutt
				9050		28 "
				9113		28 Top cb.
				9116	14 w/4	
				9064	26 Ed gutt.	
				9044	28. "	
				9107	28 Top cb.	
21+36.3				9221		℄
				9193		14
				9132		26 same
				9116		28
				9185		28
				9196	14	
				9140	26	
				9128	28. same	
				9195	28	
21+46.3				9137		26 ∡ PT. Ed gutt.
TP.				9425	TP.	
21+53.5				9158		24.9 ∡ PT. Ed "x" gutt.

F. B. 2588 Pg. 92 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave. - SD #688 Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
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STATION	B.S.	H.I.	F.S.	ELEV.		
21+76.35				92 83	PG 52	℄ int Narbonne & 254 TH.
" "	= 1400	going West along the ℄ of				254 TH. ST.
					LT. & S.	℄ 254 TH. RT & N.
1+14	W			92 51		℄
1+22	W					℄ J.C.M.H.
				92 12	N. Rim	
				92 16	S "	
				92 04	W "	
		92.12 -	11.52 =	80 60	Inv. 8" outlet N.	Meas. 10.85 Diam 0.67 Rod 11.52
		92.16 -	11.40 =	80 76	Inv. 8 inlet S.	10.73 0.67 11.40
		92.04 -	11.31 =	80.73	Inv. 8 " W	10.64 0.67 11.31
1+24.9	W			92 05		℄ Ed "X" gutt
1+27.9	W			91 97		℄ F/L " "
1+30.9	W			92 04		℄ Ed " "
1+43.0	W			92 52		℄
				92 22		7.5 W/4
				91 77		13.0 Ed gutt
				91 61		15.0 "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 2588 Pg. 93
X-Sec. No. ____ Date ____ Date ____ Survey of Narbonne Ave - SD #688
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STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ S.	℄ 254 TH	RT ℄ N.
1+43°	WEST			92 28	Top cb	15 W. end CR N.W. cor	
				92 55	7.5 w/4		
				92 30	13° Ed gutt		
				92 17	15 "		
				92 79	15 Top cb. - W. end CR. S.W. cor		
1+53	"			92 71		℄	
				92 37		7.5 w/4	
				91 88		13 Ed gutt	
				91 72		15 "	
				92 36		15 Top cb	
				92 65	7.5		
				92 39	13 same		
				92 26	15		
				92 93	15		
1+93	"			92 90		℄	
				92 54		7.5	
				91 97		13 same	
				91 92		15	
				92 42		15	
				92 84	7.5		
				92 61	13 same		

F.B. 2588 PG. 94 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave - S.D. #688 Date Date No. X-Sec.
Survey by Sapec 11 Notes D.S. Notes Chkd. Checked No.
Indexed R. J. GALL Date Date Date

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STATION	B.S.	H.I.	F.S.	ELEV.	LT & S.	℄ 254 TH. RT & N.
1+93 W				9243	15 gutt	
				9305	15 Top cb	
2+93 "				9321		℄
				9283		7.5 w/4
				9235		13 Ed gutt
				9219		15 "
				9268		15 Top cb
				9336	7.5 w/4	
				9329	13 Ed gutt	
				9299	15 "	
				9314	15 depressed cb	
3+98 "						℄ End M.H.
				9412	E Rim	Meas. 9.75
		94.12 -	9.42 =	84.70	inv. 8" outlet E.	Diam 0.67
						Rod 9.42
		End	Sec	to	West.	
	Sec	cont.	S.	along	the ℄ of	Narbonne Ave.
					LT & E	℄ Narbonne RT & W.
21+96.4				9239		24.9 ∡ pt. Ed 'x' gutt
22+06.3				9250		26.9 " " " "

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STATION	B. S.	H. I.	F. S.	ELEV.	LT & E	℄ Narbonne RT & W.
22+16 3				93 53		℄
				93 17		14 w/4
				92 74		26 Ed gutt
				92 55		28 "
				93 25		28 Top cb.
				93 30	14	
				92 85	26	
				92 75	28 same	
				92 84	28 depressed cb. to be adj.	
BMSD 3234				94 26	BMSD 3234 El 94.259, FB 2588-15 Narbonne Ave (W. side) 80'± S. of ℄ 254 TH. ST. - Bt. spk. in cb. in front of Ho # 25409	
22+56 3				94 23		℄
				93 98		14 w/4
				93 43		26 Ed gutt
				93 30		28 "
				93 95		28 Top cb.
23+00				95 00		℄
				94 76		14 w/4
				94 24		26 Ed gutt.

F.B. 2588 Pg. 96 | Job No. 6268.80 | Division No. 11 | Notes Red | Plotted | Profile
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Indexed E. J. GALLI | Date | Date | Date | No.

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STATION	B.S.	H.I.	F.S.	ELEV.	LT. ℄ E.	℄ Narbonne	RT ℄ W.
23+00				94 14		28 gutt.	
				94 80		28 Top cb.	
				94 69	14 W/4		
				94 17	26 Ed gutt.		
				94 07	23 "		
				94 72	28 Top cb.		
23+93.5					21 4 S.M.H.		
				96 05	N Rim		
				96 06	S "	Meas. 10.97	
		96.05 -	11.64 =	84.41	inv. 8" outlet N.	Diam 0.67	
						Rod 11.64.	
							10.85
		96.06 -	11.52 =	84.54	inv. 8" inlet S.		0.67
							11.52.
24+00				96 78		℄	
				96 64		14 W/4	
				96 10		26 Ed gutt	
				95 97		28 "	
				96 63		28 Top cb.	
				96 41	14 W/4		
				95 83	26 Ed gutt		
				95 71	28 "		
				96 32	28 Top cb.		

Profile Notes Red ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 2588 Pg. 97
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STATION	B.S.	H.I.	F.S.	ELEV.	LT. & E.	℄ Narbonne RT & W.
24+59.3						22° S.M.H.
				97.41	N. Rim	
				97.46	S. "	Meas. 11.00
		97.41 -	11.67 =	85.74	inv. 8" outlet N.	Diam 0.67
						Rod 11.67
		97.46 -	11.62 =	85.84	inv. 8 inlet S.	10.95
						0.67
						11.62
25+00				98.55		℄
				98.44		14 w/4
				98.01		26 Ed gutt.
				97.88		28 "
				98.51		28 Top cb.
				98.18	14	
				97.63	26	
				97.52	28 same	
				98.16	28	
26+00				100.35		℄
				100.29		14
				99.83		26 same
				99.67		28
				100.29		28

F.B. 2588 Pg. 98 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
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STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ E	℄ Narbonne	RT ℄ W.
26+00				9990	14 w/4		
				9930	26 Ed gutt.		
				9917	28 "		
				9980	28 Top cb.		
27+01.5				10216		℄	
				10220		14	
				10175		26	
				10165		28 same	
				10232		28	
				10184	14		
				10104	26 same		
				10093	28		
				10158	28		
TP.				10080	TP.		
27+11.5				10195		26.0 ∡ pt. Ed gutt.	
27+21.0				10246		24.9 " " " "x" "	
27+41.51				10316	PG 54	℄ int. Narbonne & 255 TH.	
" "	= 1+00 going			E & W.	along the ℄ of	255 TH.	
					LT ℄ N.	℄ 255 TH.	RT ℄ S.
1+14 East				10280		℄	

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F.B. 2588 Pg. 100 | Job No. 6218.80 | Division No. 11 | Notes Red ____ Plotted ____ Profile ____
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Indexed B. J. GALLI | Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	LT ℄ N.	℄ 255 TH	RT ℄ S.
1+21.2	East					℄ J.C.M.H.	
				10262	N Rim		
		-		10267	S "		
		102.62 -	12.02 =	90.60	inv. 8" outlet N.	meas. 11.35 Diam 0.67 Rod. 12.02.	11.31 0.67 11.98.
		102.67 -	11.98 =	90.69	" 8" inlet S.		
1+28	"			10267		℄	
1+43.1	"			10272		℄	
				10287		7.5	W/4
				10296		13	Ed pv.
				10276		13	Ed gutt.
				10262	gutt.	15	E. end C.R. S.E cor.
				10326	Top cb	15	" " " " "
				10237	7.5 W/4		
				10284	13 Ed pv.		
				10174	13 Ed gutt.		
				10165	15 " - 5	end C.R. N.E cor.	
				10228	15 Top cb. - "	" " " " "	
1+53.1	"			10270		℄	
				10275		7.5	W/4
				10271		13	Ed pv.
				10259		13	Ed gutt.
				10246		15	"

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STATION	B.S.	H.I.	F.S.	ELEV.	LT & N.	℄ 255 TH. RT & S.
1+53.1	East			10308		15 Top cb.
				10225	7.5 w/4	
				10171	13 Ed pv.	
				10161	13 Ed gutt.	
				10149	15 "	
				10214	15 Top cb.	
1+93.1	"			10217		℄
				10225		7.5
				10212		13
				10207		13
				10196		15 same
				10258		15
				10178	7.5	
				10123	13	
				10113	13 same	
				10103	15	
				10120	15 depressed cb.	
2+38.1	"			10064	13 Ed pv.	
				10044	13 cor. gutt.	
				10034	15 gutt	
				10104	15 Top end cb.	
2+93.1	"			10174		℄
				10155		7.5 w/4
				10135		13 Ed pv.

Profile Notes Red ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 25-88 Pg. 101
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STATION	B.S.	H.I.	F.S.	ELEV.	LT & N.	℄ 255 TH	RT & S.
2+93.1	East			10119		15	gutt.
				10184		15	Top ch.
				10132	7.5 w/4		
				10074	12 brk.		
				10032	15 F/L		
				10065	17° Top brk.		
	End of sec. to East.						
1+00	going W. along ℄ 255 TH ST. from ℄ Narbo mine & 255TH ST.						
					LT & S.	℄ 255 TH	RT & N
1+14	WEST			10321		℄	
1+22.0	"					℄	J.C.M.H
				10304	N Rim		
				10309	S "		
				10304	W "		
		103.04 -	12.07	9097	inv. 8" outlet N.	Meas. 11.40 Diam 0.67 Rod 12.07	
		103.09 -	11.97	9112	inv. 8" inlet S.	11.30 0.67 11.97	
		103.04 -	11.75	9129	inv. 8" " W.	11.08 0.67 11.75	

F.B. 2588 Pg. 102 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave. - S.D. #688 Date Date No.
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STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ S.	℄ 255 TH. RT ℄ N
1+24.9	WEST			10309		℄ Ed "x" gutt.
1+27.9	"			10302		℄ F/L " "
1+30.9	"			10308		℄ Ed " "
1+53.0	"			10367		℄
				10324		7.5 w/4
				10269		13 Ed pr.
				10256		13 " Gutt.
				10239		15 "
				10299		15 Top cb.
				10368	7.5	
				10364	13	
				10353	13	
				10339	15	
				10402	15	
1+93.0				10366		℄
				10326		7.5
				10281		13
				10273		13
				10260		15
				10321		15
				10383	7.5 w/4	

same as RT.

same

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6268.88 Division No. 11 F.B. 2588 Pg. 103
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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.	LT ℄ S.	℄ 255 TH RT ℄ N.
1+93.0	WEST.			10378	13 Ed pv.	
				10370	13 Ed gutt	
				10361	15 "	
				10425	15 Top cb.	
2+93.0	"			10427		℄
				10376		7.5
				10326		13
				10316		13 same
				10300		15
				10304		15 depressed cb.
				10441	7.5 W/4	
				10433	13 Ed gutt	
				10412	15 "	
				10479	15 Top cb.	
3+72.2	"					℄ J.C.M.H.
				10495	E Rim	
				10500	W. "	
				10502	S. "	
		104.95 - see pg	9.55 = 105	95.40	inv. 8" outlet E.	Meas. 888 Diam 0.67 Rod 9.55

F.B. 2588 Pg. 104 Job No. 6268.80 Division No. 11 Notes Red Plotted Profile
Survey of Narbonne Ave - S.D. # 688 Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed E. J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
J.C.M.H.		105.00 -	9.47 =	95 53	inv. 8" inlet W.	Meas 8.80 Diam 0.67 Rod 9.47
		105.02 -	9.31 =	95 71	inv. 8" " S.	8.64 0.67 9.31
		End of	sec.	to West. along	255 TH	
	sec. cont.	S.	along	Narbonne	Ave from	255 TH
					LT & E.	& Narbonne RT & W
27+64.0				103 73		24.9 ∡ pt. Ed "x" gutt
27 ± 71.5				103 85		26.9 " " " "
27 + 81.5				104 20		&
				104 24		14 W/4
				103 98		26 Ed gutt
				103 98		28 "
				104 48		28 Top cb.
				103 83	14	
				103 16	26	
				103 08	28 same	
				103 82	28	
28+21.5				105 09		&
				105 17		14 W/4
				104 69		26 Ed gutt
				104 60		28 "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 25-88 Pg. 105
X-Sec. No. ____ Date ____ Date ____ Survey of Narbonne Ave. S.D. #688
Notes Chkd. ____ Checked ____ Survey by Sappe 11 Notes D.S. Date 12-10-63
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ E	℄ Narbonne RT ℄ W
28+21.5				105.22		28 Top cb.
				104.73	14 W/4	
				103.95	26 Ed gutt.	
				103.88	28 "	
				104.55	28 Top cb.	
29+21.5				107.02		℄
				106.90		14
				106.45		26 same
				106.33		28
				106.95		28
				106.64	14	
				105.81	26	
				105.74	28 same	
				105.84	28 Depressed cb.	
30+68.1					21° S.M.H.	
				108.34	N Rim	
				108.37	S "	
		108.34 -	11.95	96.39	inv. 8" outlet N.	Meas. 11.28 Diam 0.67 Rod 11.95
		108.37 -	11.86	96.51	inv. 8" inlet S.	11.19 0.67 11.86

F.B. 2588 Pg. 106 Job No. 6268.80 Division No. 11 Notes Red. Plotted Profile
Survey of Narbonne Ave. S.D. #688 Date Date No.
Survey by Sapell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LT ℄ E.	℄ Narbonne	RT ℄ W.
30+83.8						22° S.M.H.	
				109.03	N. Rim		
				109.04	S. "		
		109.03 -	11.39 =	97.64	inv. 8" outlet N.	Meas. 10.72 Diam 0.67 Rod 11.39.	
		109.04 -	11.30 =	97.74	inv. 8" inlet S.	10.63 0.67 11.30.	
					To be adj.		
BM SD 3235				104.03	BM SD 3235 El. 104.040 F.B. 2588-15 Narbonne Ave & 255 TH ST., S.E. Cor. 24' S. of S. end C.R. - Fd bt. spk in curb.		

Profile Notes Red ____ Plotted ____ Job No. 6268.80 Division No. 11 F.B. 2588 Pg. 107
No. ____ Date ____ Date ____ Survey of Narbonne Ave. S.D. #688
X-Sec. Notes Chkd. ____ Checked ____ Survey by J. Zappelli Notes DJ Date 12-12-63
No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] Date ____

Profile No.	Notes Red	Plotted	0805.03 Job No.	Division No. 11	F. B. 2588	Pg. 109
	Date	Date	Survey of Lomita Relief S.D.			
X-Sec. No.	Notes Chk'd.	Checked	Survey by Curtis	Notes ASC.	Date 8-6-69	
	Date	Date	Map No.	Indexed C. J. GALLI	Date MG 8.69	

J.N. 0805.03
LOMITA RELIEF S. DRAIN.
Check on B.M. Datum.

Curtis
Kapp
Rodriguez
Lieber

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

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76-L-298 CE 907 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M.# S.D. 274				68.739	B.M.# S.D. 274 El. 68.739	F.B. 3318-20 250th ST.
	4.446	73.185			& Narboronne Ave. S.E. Cor. Bth. spk.	
					in curb, ± 15' E. of E. end C.R.	
B.M.# SY 3523A			4.812	68.373	B.M.# SY 3523A El. 68.507	F.B. 2588-13
					L.A.Co. R.D. B.M. P6 269-L & B.N. in E. Curb	
					Narboronne Ave. ± 1° N of of N.E.	
					Curb Rot. @ 250th ST. & Narboronne Ave.	
	4.746	73.119				
B.M.# S.D. 274			4.378	68.741	B.M.# S.D. 274	

F. B. 2588 Pg. 110 | 0805.03

Survey of Lomita Relief S.D. Division No. 11 Notes Red Plotted Profile

Survey by Curtis Notes Curtis Date Date No. X-Sec.

Indexed C. J. GALLI Date Notes Chk'd. G. E. B. Checked

Date Date 8-11-69 Date No.

Profile No.	Notes Red	Plotted	Job No. 0805.03	Division No. 11	F. B. 2588	Pg. 111
	Date	Date	Survey of Lomita Relief S.D.			
X-Sec. No.	Notes Chk'd.	Checked	Survey by CURTIS	Notes A.S.C.	Date 8-4-49	
	Date	Date	Map No.	Indexed C. J. GALLI	Date [illegible]	

J.N. 0805.03

LOMITA Relief S. Drain

Invert Check @ J.C.

@ 250th ST. & Narborne Ave.

CURTIS
KAPP
LIEBER
RODRIGUEZ

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

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76-L-298 CE 307 5-66

76-L-298 CE 307-5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
J.C. Shown in F.B. 2588 pages 48 & 75					Sta. 1+21.9	
J.C. Shown in F.B. 3318 pages 212 & 246					Sta. 79+85	
B.M. # S.D. 274				68.74	B.M. # S.D. 274 El. 68.739 F.B. 3318-20 - 250th St. & Narbonne Ave. S.E. Cor. Bt. Spk. in curb, ± 15' E. of E. end C.R.	
	4.63	73.37				
J.C. M.H.			4.73	68.64	Elev. Top MH Rim	68.64
					- Rod Top 15" pipe	10.55
					Elev. Top pipe	58.09
					- Dia. 15" pipe	1.25
15" outlet (East.)				56.84	Invert El. Outlet (East)	56.84
			4.63	68.74	B.M. S.D. 274.	

F. B. 2588 PG. 112 | Job No. 0805.03 | Division No. 11 | Notes Red ____ | Plotted ____ | Profile ____

Survey of Lomita Relief S. Drain | Date ____ | No. ____ | X-Sec. ____

Survey by Curtis Notes Curtis | Notes Chk'd. G.F.B. | Checked ____

Indexed C.J. GALLI | Date ____ | Date 8-11-69 | Date ____ | No. ____