Notes Ck'd by
Map No.
Office Work

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

F.B. 2292 Pg.

Job	Description
	ANTELOPE VALLEY WATERWORKS DISTS. #4, #23 J.N. 5042.20
Index	
Loc.Imp	Division St. Watermain from Ave. J-8 to Ave. J-12, East side.
3 Loc.Imp	Pillsbury St. Watermain from Trevor Ave. N'ly 180 ft.-Loc. & grades.
8 Loc.Imp	Foxton Ave. Watermain from Ave. J to Pondera St.-Loc. & grades.
0 Loc.Imp	Division St. Watermain from Lancaster Blvd. to Newgrove St.-Loc.
6 Loc.Imp	Waterwell Site #17 at Ovington St. & Trevor Ave.-Loc. & X-sec.
2 Loc.Imp	Sierra Hwy. Watermain from Ave. H to Ave. H-8-Loc. & grades.
6 Loc.Imp	Waterwell #16 at Ave. H-8 & 5th St. E.-Loc. & grades.
8 Grades	Waterwell Site #17 at Ovington & Trevor Ave.-grades.
4 Loc.Imp	Ave. K Watermain from 12th St. W. to 15th St. W.-Loc. & grades.
6 Loc.Imp	Ave. H-8 Watermain at Well Site #18 on 17th St. W. at Ave. H-8.
9 Loc.Imp	15th St. W. Watermain from Well Sites #11 & #12 at Ave. J-4 to Ave. K at 15th St. W.-Loc. & grades.

Microfilmed Feb 86

(cont'd on next page)

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Page	Job	Description
71-72	Loc.Imp	Water Well on 10th St. E.-bet. Ave. J-8 & Ave. K-Loc.
73-76	Loc.Imp	Water Well #14 at Division St. & Avenue H-8-Loc. & grades for tank site.
77-82	Loc.Imp	Grades for 6" water line along Norberry St. from Trevor Ave. to Division St.
		W.W. DIST. #24-LANCASTER 5244.01
85-106	Bdry.	Survey for loc. well site "C" in SW ¼ Sec. 19, T5N R9W and levels of lot.
109-120	Loc.Imp	Ave. I Watermain from Sierra Hwy. to 10th St. W.-Loc. & grades.
121-124	Loc.Imp	Loc. & prop. survey of Well Site #19 on Division St. 900' N'ly of Ave. K-8.
125-133	Loc.Imp	Well #18 Reservoir & Relocation at Ave. H-8 & 17th St. W.-Loc. & grades.
135-147	Loc.Imp	Division St. Watermain from Ave. K N'ly 1317.16'-Loc. & grades.
149-	Loc.Imp	Well Site #10 at Ave. H-13 near Ave. 5 W.-grades.
151-156	Grades	Well #18 Reservoir-Ave. H-8 & 17th St. W.-grades.
157-160	Loc.Imp	Well #16 Fence-Ave. H-8 & 17th St. W.-Loc. & grades.
161-162	Loc.Imp	Well Site #11, #12 Fence-Ave. J-4 & 15th St. W.-Loc. & grades.

(cont'd on next page)

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163-171	Loc. Imp	Division St. Watermain-Ave. K to Ave. K-8 at Water Well #8, #13-Loc. & grades.
173-176	Loc. Imp	Well #19 on Division St. nr. Ave. K pipe line to Water Well #13.-Loc. & grades.
177-188	Loc. Imp	Ave. K Watermain-15th St. W. to 20th St. W-Loc. & grades.
189-190	Grades	Well Site #10 at Ave. H-13 near Ave. 5 W.-grades.
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197-198	Loc.	Waterworks Dist. #4-Loc. power poles along Ave. H-8 from Division St. to 3rd St. E.
199-203	Loc. Imp	Ave. H-8 watermain from Division St, 928 ft. E'ly-Loc. & grades.
205-207	Loc. Imp	Ave. J-8 watermain from 13th St. W. to 18th St. W-Loc. & grades.
209-212	Loc. Imp	Fern Ave. Watermain from Ave. I to Jackman Ave.-Loc. & grades.
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217-220	Grades	Elm Ave. Watermain from Ave. H-12 S'ly to Well #7 & Well #10-grades.
221-222	Grades	Well #10 Storage Tank at Ave. H-12 near Elm Ave. grades.

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AV

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		LANCASTER (NORTH) FIRE STA. SITE #117-(FAIRGROUNDS) 0801.90
229-230	Loc.Imp	Loc. fences at Division St. & Ave. H-8.
231-241	Topog.	X-Sec. of Ave. H-8 at 17th St. W.-Loc.curbs & grades N'ly, S'ly, E'ly & W'ly.
243-257	Loc.Imp	Ave. K watermain from 20th St. W. to 30th St. W.-Loc. & grades.
259-266	Loc.Imp	Ave. K Watermains from 30th St. W. to 34th St. W.-Loc. & grades.
267-270	X-Sec.	X-Sec. for Ave. K (30th -34th Sts. W.) Watermain.

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C	CEDAR AVE AT AVE. I	112-1[illegible]
D	DIVISION ST & AVE H-8, FIRE STATION SITE #117	229-23[illegible]
	DIVISION ST AT AVES. J-8 J-12	[illegible]
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XYZ

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Office Work	Surveyed by MACK
Checked	Notes M. Date 9-4-57
Date	Indexed C. Johnson

F. B. 2292 Pg. 5

J.N. 5042.20

DIVISION ST WATERMAIN

ON

DIVISION ST (E. SIDE)

BET. AVES. J-8 & J-12

PARTY
MACK
HALISCKY
RITTER
HUBBARD

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F. B. 2292 PG. 6

0+00 So. = INT.
FD. SPK. W&T
FL. IN PAV. PER
TR# 18186

10" A.C.

AVE J-8

34°

EXIST.

90°

0+90.5 So
EXIST. TEE

32°

2°

0+90.5 So.
EXIST. FIRE HYD.

N

10" A.C. WATERMAIN

ST

6+37.5 So
FIRE HYD.

6+37.5 So.
TEE

2°

32°

NOTE
CONST. STKS. & TINS
SET ON 100' FT.
STATIONING ON
E. OFFSET TO E.
OF ℄ WATERMAIN

DIVISION

10+50.8 So.
INT.

AVE J-12

34°
℄ PROD

22°

10+72.8 So.
CROSS

10" A.C.

11+73.9 So.
G.V.

11+80.9 So
FIRE HYD.

11+80.9 So
TEE

2°

11+81.5 So. = INT.
FD. SPK. W&T.
FL. IN PAV. PER
TR# 18186

32°

34

2°

SLY LINE PROD. TR# 18186

SEC. COR.
FD. C.S. MON.
18" DN. IN WELL

AVE K

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J.N. 5042.21

PILLSBURY ST. WATERMAIN

ON

PILLSBURY ST. AT TREVOR AVE.

IN

WATERWORKS DIST. #4, LANCASTER

PARTY
MACK
HALISCKY
RITTER
HUBBARD

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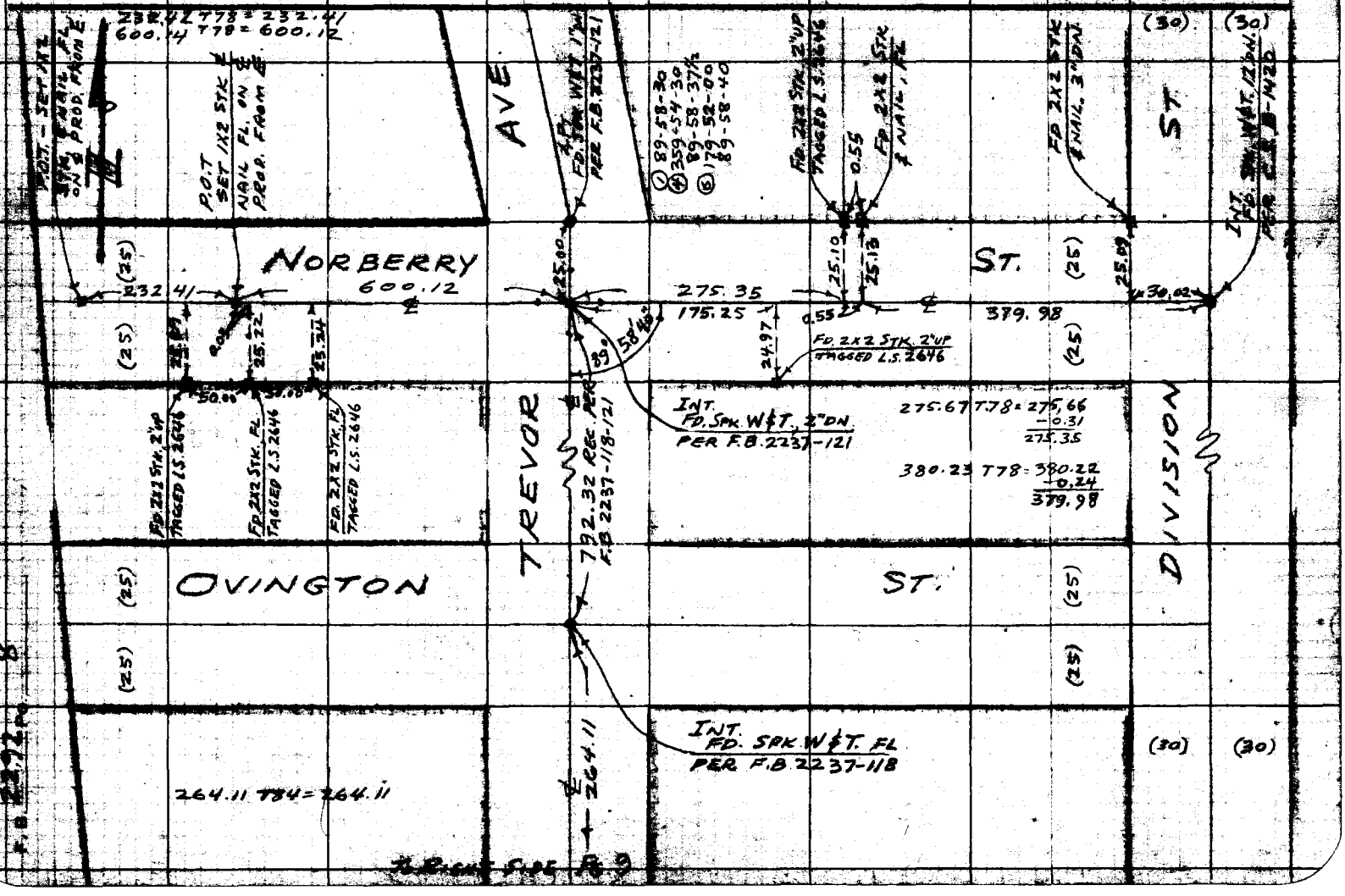

Notes Ck'd by	Survey of PILLSBURY ST WATERMAIN
Map No.	JN 5042 21 Tape 121 Std 89 °F
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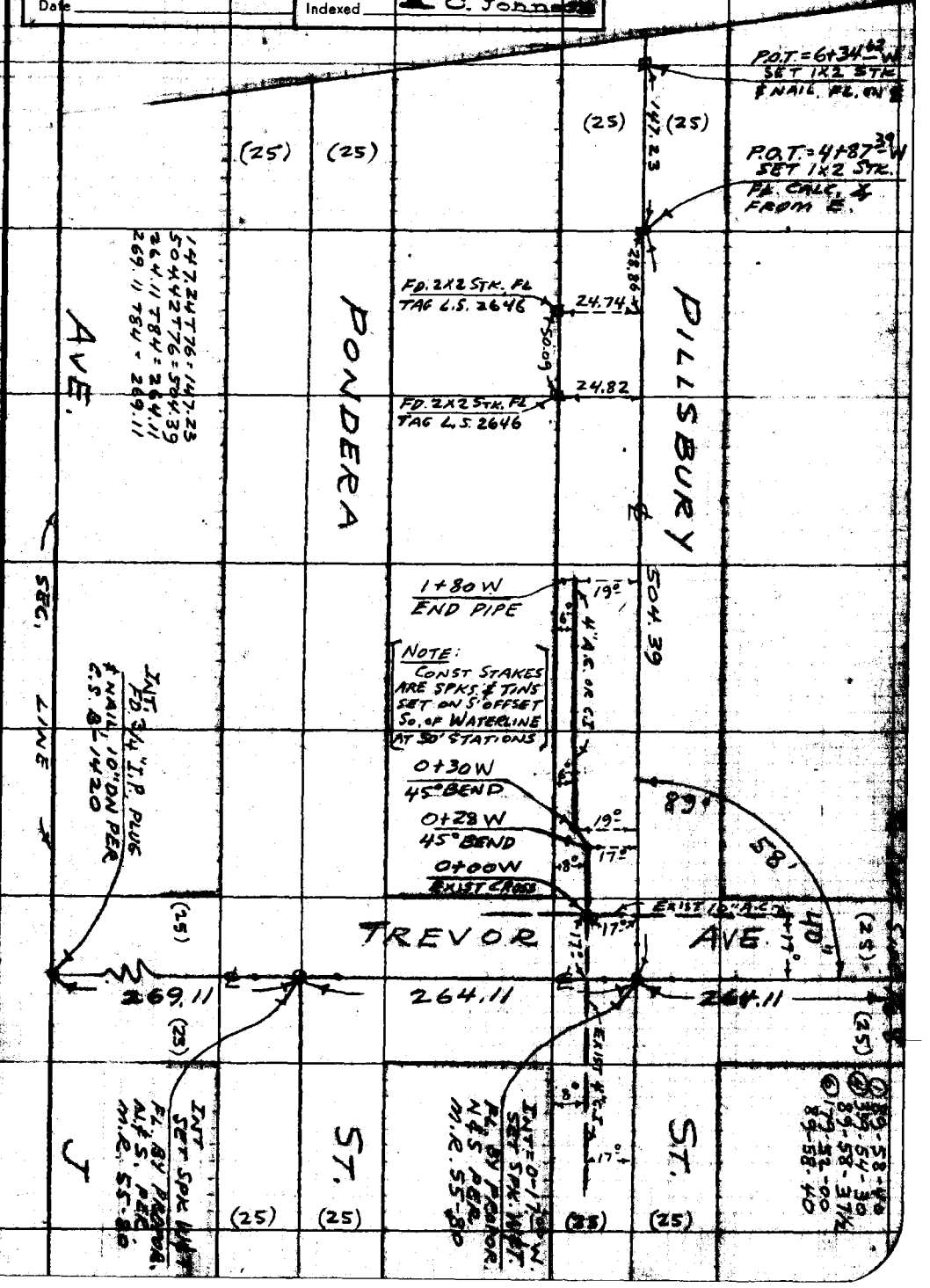

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT DITCH	%	CUT		
PILLSBURY ST WATERMAIN J.N. 5042.21									
B.M. 10+61.33 INT	5 88	2375 73		2369 85				B.M. 10+61.33 INT EL=2369.85 (F.B. 1814-64 F.B. 2238-48) TREVOR AVE. & OLDFIELD ST. AT ℄ INT SPK. W&T IN PAV. AT ℄ INT	
B.M. 6+55.5 W (INT.)	6 72	2378 77	3 68	2372 05				B.M. 6+55.5 W EL=2372.08 (F.B. 1814-196 F.B. 2238-48) OVINGTON ST & TREVOR AVE. AT ℄ INT SPK W&T IN PAV AT ℄ INT.	
								BOT OF DITCH GRADE FIGURED AT -3.35 BELOW ℄ OF STREET GRADE FOR 4" WATERMAIN (75.80 - 3.35 = 72.45)	
0-17.00 W. (INT)	5 31	2381 16	2 92	2375 85				℄ INT. PILLSBURY ST & TREVOR AVE SPK W&T IN PAV, FL. AT ℄ INT	
			5 00	76 16				17' So ON ℄ TREVOR AVE, PAV	
			4 99	76 17				19 So " "	
0+00 W			5 4	75 8	72 45			℄ PILLSBURY AVE {AT 17' W. OF ℄ OF TREVOR AVE}	
			5 12	76 04				17 So, EXIST CROSS	
			5 06	76 10				22 So, SPK & TIN, 5' So OF EXIST CROSS	
0+28 W			4 4	76 8	72 42	0.12		℄ PILLSBURY ST.	
			4 32	76 84				17 So. 45° BEND	
			4 34	76 82			44 0	22 So, SPK & TIN, 5' So OF 45° BEND	
0+ 30 W			4 4	76 8	72 41			℄ PILLSBURY ST.	
			4 33	76 83				19 So. 45° BEND	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5042.21 Division No. ____ F.B. 2292 Pg. 11
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X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 9-13-57
Date ____ Date ____ Map No. ____ Indexed C. John

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH	%	CUT	PILLSBURY ST. WATERMAIN
		2381 16						
0+30 W			428	7688	7241		447	24' So., SPK & TIN. 5' So OF 45° BEND
0+50 W			48	764	7239			℄ PILLSBURY ST
			44	768				19' So
			445	7671			432	24' So, SPK & TIN, 5' So OF WATERMAIN
1+00 W			50	762	7233			℄ PILLSBURY ST
			44	768				19' So
			455	7661			428	24' So, SPK & TIN, 5' So OF WATERMAIN
1+50 W			51	761	7227			℄ PILLSBURY ST
			48	764				19' So
			467	7649			422	24' So, SPK & TIN, 5' So OF WATERMAIN
1+80 W			53	759	7223			℄ PILLSBURY ST
			50	762				19' So
			493	7623			400	24' So, SPK & TIN. 5' So OF WATERMAIN
2+00			55	757	7221			℄ PILLSBURY ST
			51	761				19' So
2+50			54	758	7215			℄ PILLSBURY ST.
			53	759				19' So
3+00	557	2380 77	596	2375 20	7209			℄ PILLSBURY ST.
			51	757				19' So
3+50			54	754	7203			℄ PILLSBURY ST

0.12%

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No. Job No. 50422 Survey of PILLSBURY ST WATERMAIN
Survey by MACK Notes M. Indexed A. C. Johnson Date 9-13-57
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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT DITCH	%	CUT	PILLSBURY ST WATERMAIN
		2380 77						
3+50			50	758				19' So.
4+00			52	756	7197	-0.12%		℄ PILLSBURY ST
			52	756				19' So
+25			50	758	7194			℄ PILLSBURY ST
			54	754				19' So
+50			50	758	7191			℄ PILLSBURY ST
			51	757				19' So
5+00			56	752	7185			℄ PILLSBURY ST
			40	768				19' So
+50			49	759	7179	-0.12%		℄ PILLSBURY ST
			50	758				19' So
6+00			50	758	7173			℄ PILLSBURY ST
			48	760				19' So
B.M. 6+34.62	4 44	2380 14	5 07	2375 70				℄ PILLSBURY ST & R.R FENCE (1X2)
T.P	5 67	2379 76	6 05	2374 09				BOT OF DITCH GRADE FIGURED AT -3.35' BELOW ℄ OF STREET GRADE FOR 4" WATERMAIN (75.20-3.35=7185)
B.M 6+55.5 W (INT			7 72	2372 04				B.M. 6+55.5 W EL=2372.08 (F.B. 1814-196) EL=2372.06 (F.B. 2238-48) OVINGTON & TREVOR AVE, ℄ INT SPK W&T IN PAV AT ℄ INT

Profile Notes Red. ____ Plotted ____ Job No. 504221 Division No. ____ F.B. 2292 #13
No. ____ Date ____ Date ____ Survey of PILLSBURY ST WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 9-13-57
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

Notes Ck'd by	Survey of FOXTON AVE WATERMAIN
Map No.	JN 5043.50 Tape 121 Std 84 °F
Office Work	Surveyed by MACK
Checked	Notes M Date 10-18-57
Date	Indexed C. JOHNSON

F. B. 2292 PG. 15

J.N. 5043.50

FOXTON AVE WATERMAIN

BET.

AVE J & PONDERA ST

IN

WATERWORKS DIST #4,

LANCASTER

PARTY
MACK
HALISCKY
RITTER
HUBBARD

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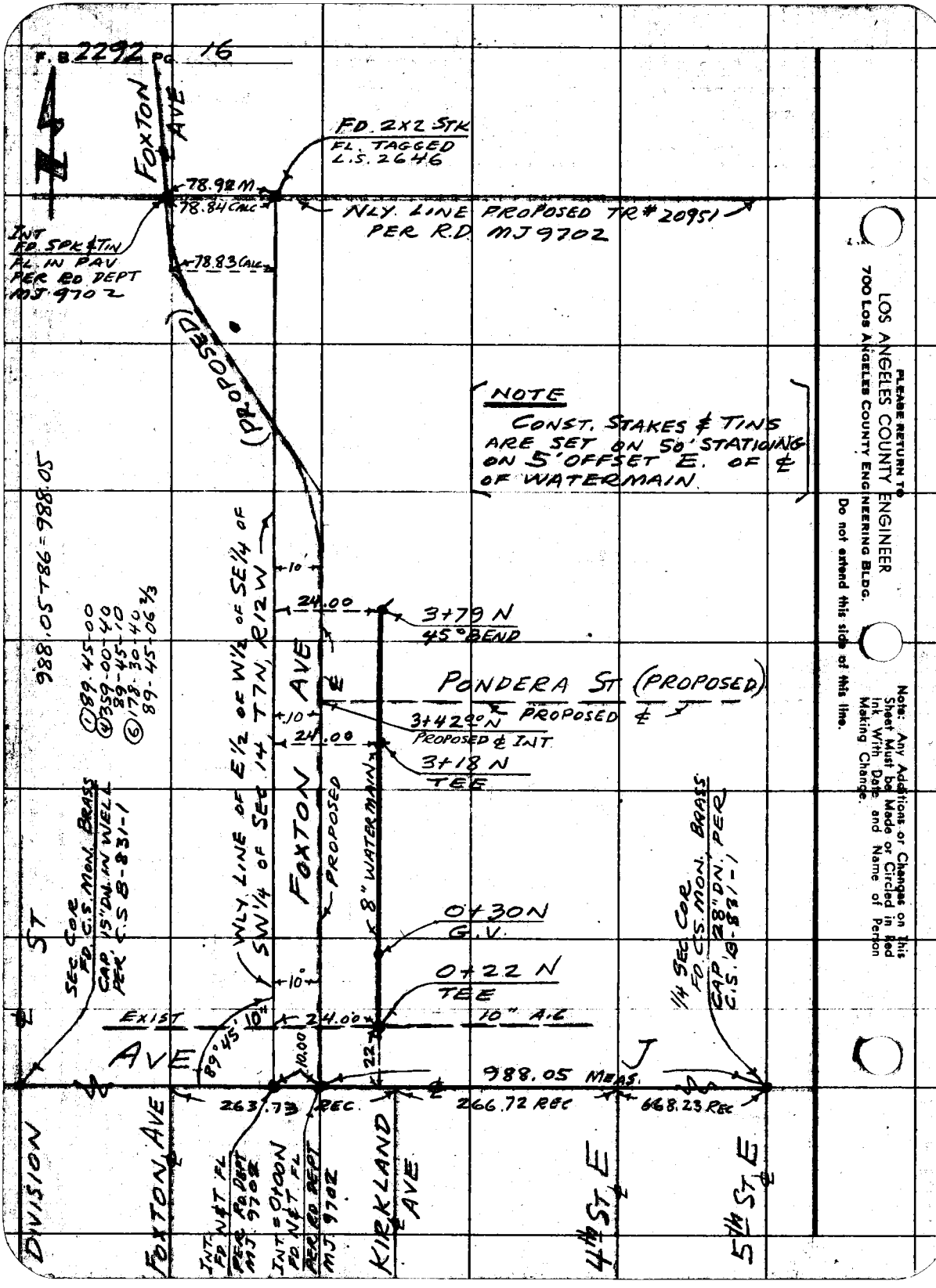
F.B. 2292 PG. 16



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76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE OF BOT. DITCH	CUT	FOXTON AVE WATERMAIN
[BOT. OF DITCH TO BE 50" BELOW GRADE OF ℄ OF FOXTON AVE PER RD DEPT PLAN & PROFILE MAP # MJ 9702]								
0+00 N	365	2388 39		2384 74		2380 57	—	℄ INT AVE J & FOXTON AVE (TO N.) FD N & T. IN PAV., FL. (SEE PG. 16) EL=2384.74 PER R.D. MJ 9702
0+22 TEE			434	2384 05		80 08	3 97	SPK & TIN, 5'E OF ℄ WATERMAIN
0+30 G.V.			413	84 26		2379 90	4 36	STK & TIN 5'E
0+42			—			2380 40	—	
0+50			460	83 79		80 33	3 46	STK & TIN 5'E
0+70			—			2380 15	—	
1+00			404	84 35		80 34	4 01	STK & TIN 5'E
1+02			—			2380 35	—	
+50			424	84 15		80 18	3 97	STK & TIN 5'E
2+00			445	83 94		80 00	3 94	5'E
+50			470	83 69		79 82	3 87	5'E
3+00			503	83 36	-0.355%	79 64	3 72	5'E
+18 TEE			543	2382 96		79 58	3 38	5'E
+42 INT.			—			—	—	℄ INT PONDERA ST. & FOXTON AVE
+50			550	2382 89		79 47	3 42	STK & TIN, 5'E
+79 (45° BEND)	366	2386 80	525	2383 14		2379 37	3 77	5'E

Profile Notes Red. ____ Plotted ____ Job No. 5043.50 Division No. ____ F. B. 2292 PG. 17
No. ____ Date ____ Date ____ Survey of FOXTON AVE WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 10-18-57
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Jones Date ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	FOXTON AVE WATERMAIN
		238680			
T.P	310	2384 01	589	238091	T.P
13+43.05 N			—		ON ℄ FOXTON AVE AT NLY LINE OF PROPOSED TR# 20951
			—		
(18'W)			694	237707	18' W. TOP EXIST CURB @ S. END CB EL = 2377.05 PER RD MJ 9702
(18'E)			692	237709	18' E TOP EXIST CURB @ S. END CB EL = 2377.09 PER RD MJ 9702
			—		

F. B. 2292 PG. 18

Job No. 5043 SO Division No. Notes Red. Plotted No. Profile

Survey of FOXTON AVE WATERMAIN Date Date X-Sec.

Survey by MACK Notes M Notes Chkd. Checked No.

Indexed C. Johnson Date 10-18-57 Date Date

Notes Ck'd by	Survey of DIVISION ST. WATERMAIN
Map No.	JN 5042.24 Tape 121 Std 84 °F
Office Work	Surveyed by MACK
Checked	Notes M. Date 10-29-57
Date	Indexed [redacted] C. Johnson

F. B. 2292 Pg. 19

J.N. 5042.24

DIVISION ST WATERMAIN

BET.

LANCASTER BLVD (TO E.) & NEWGROVE ST.

PARTY
MACK
HALISCKY
RITTER
HUBBARD

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76F3098 SBE #242 1-56

F.B. 2292 PG. 20

EXIST 8" A.C.

22°

MILLING ST

22°

16°

EXIST. 10" A.C.

INT. FD. FD. 2" I.P. 12" DN WITH 1X2 STK ON SURFACE PER C.S. 8200

0+00 So = 1/4 SEC. COR. FD C.S. MON. BR. CAP 12" DN. IN WELL PER C.S. B-1420

N 01° 19' W

LANCASTER BLVD.

15°

15°

EXIST 8" A.C.

0+15 So
EXIST. TEE

16°

0+22 So
45° BEND

16°

0+30 So
45° BEND

24°

7.3

0+37.3 So.
CTR. 2.5' DIAM.
TELEPHONE M.H.

1.3

10" A.C.

DIVISION ST.

NOTE:
CONST STAKES & TINS SET ON 50' STATIONING ON 5' OFFSET TO W. OF WATERMAIN

1+69 So
FLUSHOUT

24°

NEWGROVE ST

INT. FD. C.S. MON. BR. CAP 18" DN. IN WELL PER F.B. 1874-90

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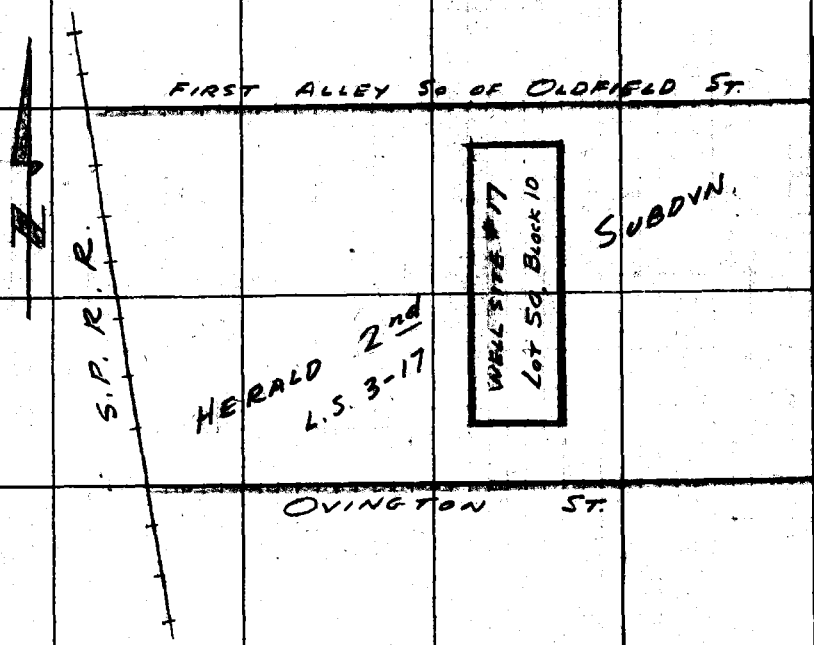
Notes Ck'd by J. F. McMILLAN	Survey of WATER WELL SITE #17
Map No. CSB 2616	JN 5042.09 Tape 121 Std 84 °F
Office Work	Surveyed by MACK
Checked	Notes M Date 12-2-57
Date	Indexed C. Johnson 12-19-57

F. B. 2292 PG. 21

J.N. 5042.09

WATER WELL SITE #17

ON OVINGTON ST. AT TREVOR AVE



PARTY
MACK
HALISCKY
RITTER

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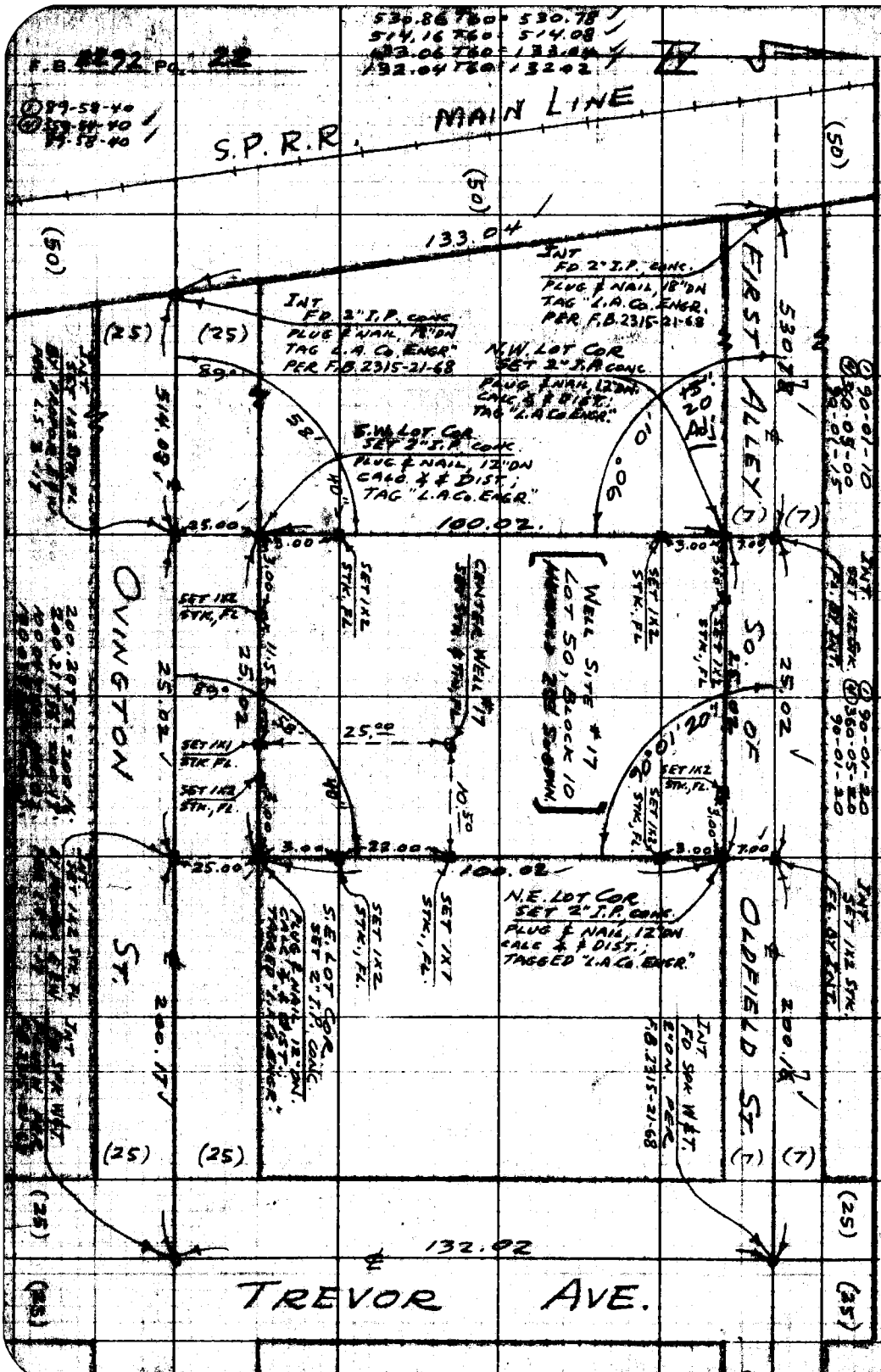
76F309S SBE #242 1-56



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Profile No.	Notes Red.	Plotted	Job No. 5042.09	Division No.	F. B. 2292 Pg. 23
	Date	Date	Survey of WATER WELL SITE # 17		
X-Sec. No.	Notes Chkd.	Checked	Survey by MACK	Notes M	Date 12-2-57
	Date	Date	Map No.	Indexed Johnson	Date

J.N. 5042.09

WATER WELL SITE # 17

ON OVINGTON ST AT TREVOR AVE.

CROSS SECTIONS

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

PARTY
MACK
HALISCKY
RITTER

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76298 S & E #307—7-55

76298 S & E #307—7-55

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F.B. 2292 PG. 24 | Job No. 5072-2 Division No. | Profile | Plotted | Notes Red | No. | X-Sec. | Date | Date | No.

Survey of WATER WELL SITE #17 | Notes Chkd. | Checked | Date

Survey by MACK | Notes 00 | Date 12-2-57

Indexed K. C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.	WELL SITE #17 – OVINGTON ST & TREVOR AVE
B.M. 6+55 S W (INT)	3.95	2376.03		2372.08	B.M. 6+55 S W. EL = 2372.08 (F.B. 1814-196 F.B. 2238-48) OVINGTON ST & TREVOR AVE AT ℄ INT. SPK. W ℄ T IN PAV. AT ℄ INT.
0+00 N			53	707	S.W. LOT COR WELL SITE #17, GROUND LEVEL (SEE PG 22)
0-25			436	716.7	ON WLY. LINE (PROD. TO SO.) OF WELL SITE #17 AT ℄ INT. OVINGTON ST.
			34	726	50 W ON ℄ OVINGTON ST.
			35	725	100 W " " "
			56	704	150 W " " " , BOT DITCH
			33	727	200 W " " " "
			40	720	25 E " " " "
			35	725	75 E " " " "
			36	724	125 E " " " "
			33	727	175 E " " " "
			436	716.7	210 E " " " " , GUT. F.L.
			395	720.8	225 E " " " " AT ℄ INT. TREVOR AVE
0+00 N			53	707	S.W. LOT COR. WELL SITE #17, GROUND LEVEL (SEE PG 22)
			53	707	15 W
			54	706	12 E ON SLY LINE WELL SITE #17
			53	707	25 E, S.E. LOT COR WELL SITE #17, GROUND LEVEL (SEE PG 22)
			51	709	40 E
0+20 N			60	700	ON WLY LINE WELL SITE #17

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	WELL SITE #17 - OVINGTON ST. & TREVOR AVE
		237603			
0+20N			59	701	15 W
			61	699	12 E
			59	701	25 E, ELY LINE WELL SITE #17
			58	702	40 E
0+25N			60	700	ON WLY LINE WELL SITE #17
			62	698	14.5 E., CENTER PROPOSED WELL #17
			58	702	25 E, ELY. LINE WELL SITE #17
0+40N			65	695	ON WLY LINE WELL SITE #17
			60	700	15 W
			65	695	12 E
			63	697	25 E, ELY LINE WELL SITE #17
			61	699	40 E
0+60N			64	696	ON WLY LINE WELL SITE #17
			65	695	15 W
			65	695	12 E
			65	695	25 E, ELY LINE WELL SITE #17
			66	694	40 E
0+80N			62	698	ON WLY LINE WELL SITE #17
			66	694	15 W
			64	696	12 E

Profile Notes Red. ____ Plotted ____ Job No. 5042.09 Division No. ____ F.B. 2292 Pg. 25
No. ____ Date ____ Date ____ Survey of WATER WELL SITE #17
X-Sec. Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 12-2-57
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	WELL SITE #17 - OVINGTON ST & TREVOR AVE
		2376 03			
0+80N			67	693	25 E, ELY LINE WELL SITE #17
			66	694	40 E
1+00N			63	697	N.W. COR WELL SITE #17, GROUND LEVEL (SEE PG 22)
			70	690	15W
			72	688	12E ON NLY. LINE WELL SITE #17
			72	688	N.E. COR WELL SITE #17, GROUND LEVEL (SEE PG 22)
			69	691	40E
1+07N			66	694	ON WLY LINE (PROD TO N) OF WELL SITE #17 AT ℄ INT. ALLEY
			67	693	50 W ON ℄ OF ALLEY
			64	696	100W " " " "
			55	705	150W " " " "
			47	713	200W " " " "
			72	688	25E " " " "
			65	695	75 E " " " "
			35	725	125 E " " " "
			60	700	175 E " " " "
			56	704	208 E " " " " GUT, F.L
			509	7094	225 E " " " " AT ℄ INT. TREVOR AVE
B.M. 6+55.5 W (INT)			394	2372 09	B.M. 6+55.5 W EL=2372.08 (SEE PG 24)

F. B. 2292 PG. 26

Profile

Survey of WATER WELL SITE #17 Job No. 304209 Division No. Notes Red. Plotted No.

Survey by MACK Notes M Date Date X-Sec.

Indexed C. Johnson Date 12-2-57 Notes Chkd. Checked No.

Notes Ck'd by	Survey of SIERRA HWY WATERMAIN
Map No.	JN 5042.26 Tape 121 Std. 84 °F.
Office Work	Surveyed by MACK
Checked	Notes M Date 2-25-58
Date	Indexed [redacted]

F. B. 2292 PG. 27

J.N. 5042.26

SIERRA HWY WATERMAIN

FROM AVE H
SLY. TO: 1465'± SO. OF AVE H

[FOR GRADE
SEE PGS 31-36]

PARTY:
MACK
HALISCKY
RITTER
HUBBARD
H.E. MITCHELL

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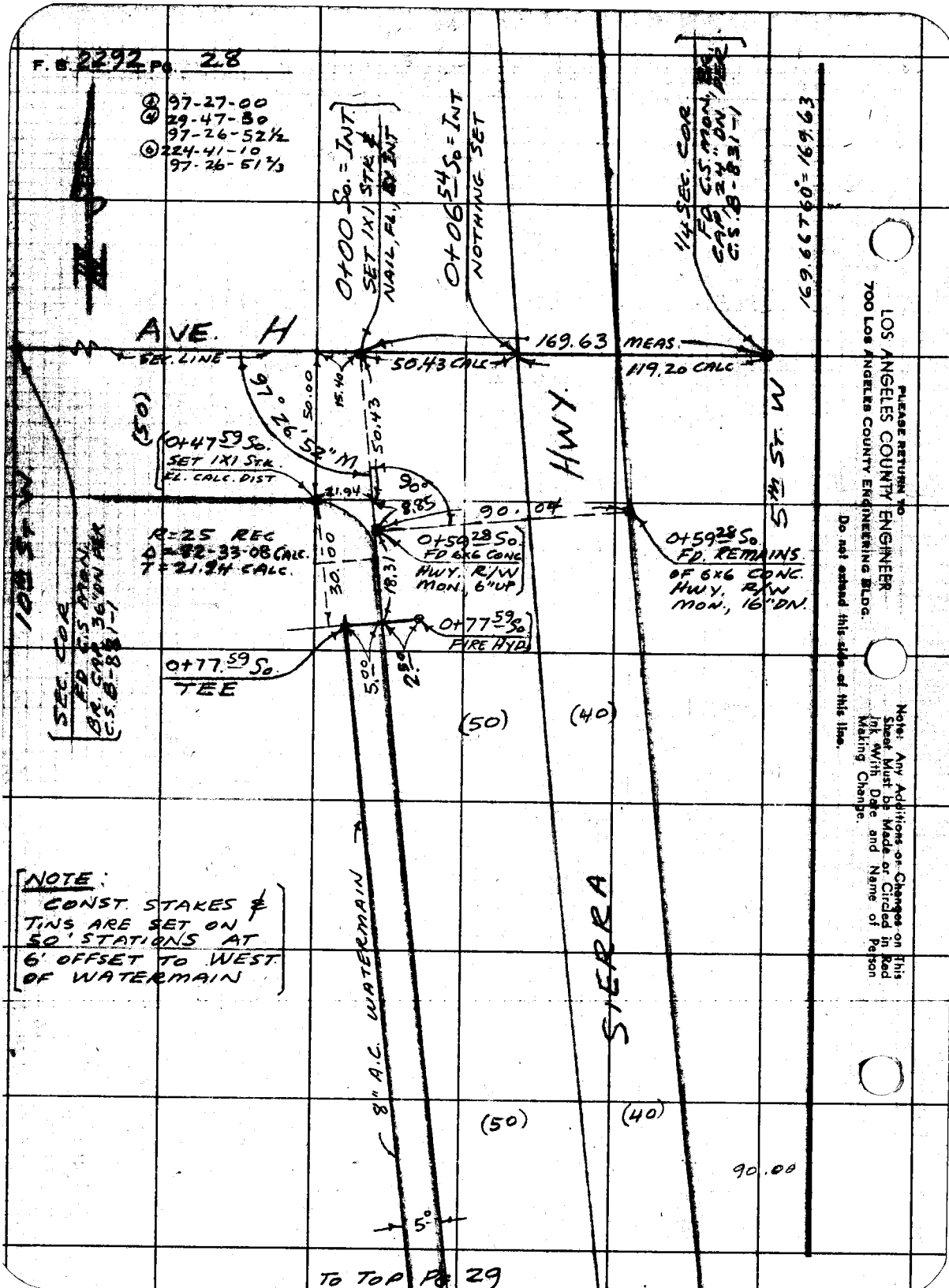
76F309S S&E #247 1-56


F. B. 2292 PG. 28
97-27-00
29-47-30
97-26-52½
224-41-10
97-26-51⅔
0+00 So. = INT.
SET 1X1 STK & NAIL, FL., BY INT
0+06 54 So = INT
NOTHING SET
1/4 SEC. COR.
FD C.S. MON. BR. CAP. 24" DN. PER C.S. B-831-1
169.66 T 60° = 169.63
AVE. H
SEC. LINE
169.63 MEAS.
50.43 CALC
119.20 CALC
97° 26' 52" M
50.00
15.40
50.43
(50)
0+47 59 So.
SET 1X1 STK.
FL. CALC. DIST
21.94
90°
8.85
90.04
HWY.
5th ST. W
10th ST. W
R=25 REC
Δ=82-33-08 CALC.
T=21.94 CALC.
30.00
18.31
0+59 28 So.
FD 6X6 CONC
HWY. R/W
MON. 6" UP
0+59 28 So.
FD. REMAINS
OF 6X6 CONC.
HWY. R/W
MON., 16" DN.
0+77 59 So.
FIRE HYD.
0+77 59 So.
TEE
5.00
2.50
SEC. COR.
FD C.S. MON.
BR. CAP. 36" DN PER
C.S. B-881-1
(50)
(40)
NOTE:
CONST. STAKES & TINS ARE SET ON 50' STATIONS AT 6' OFFSET TO WEST OF WATERMAIN
8" A.C. WATERMAIN
SIERRA
(50)
(40)
90.00
5°
TO TOP PG. 29
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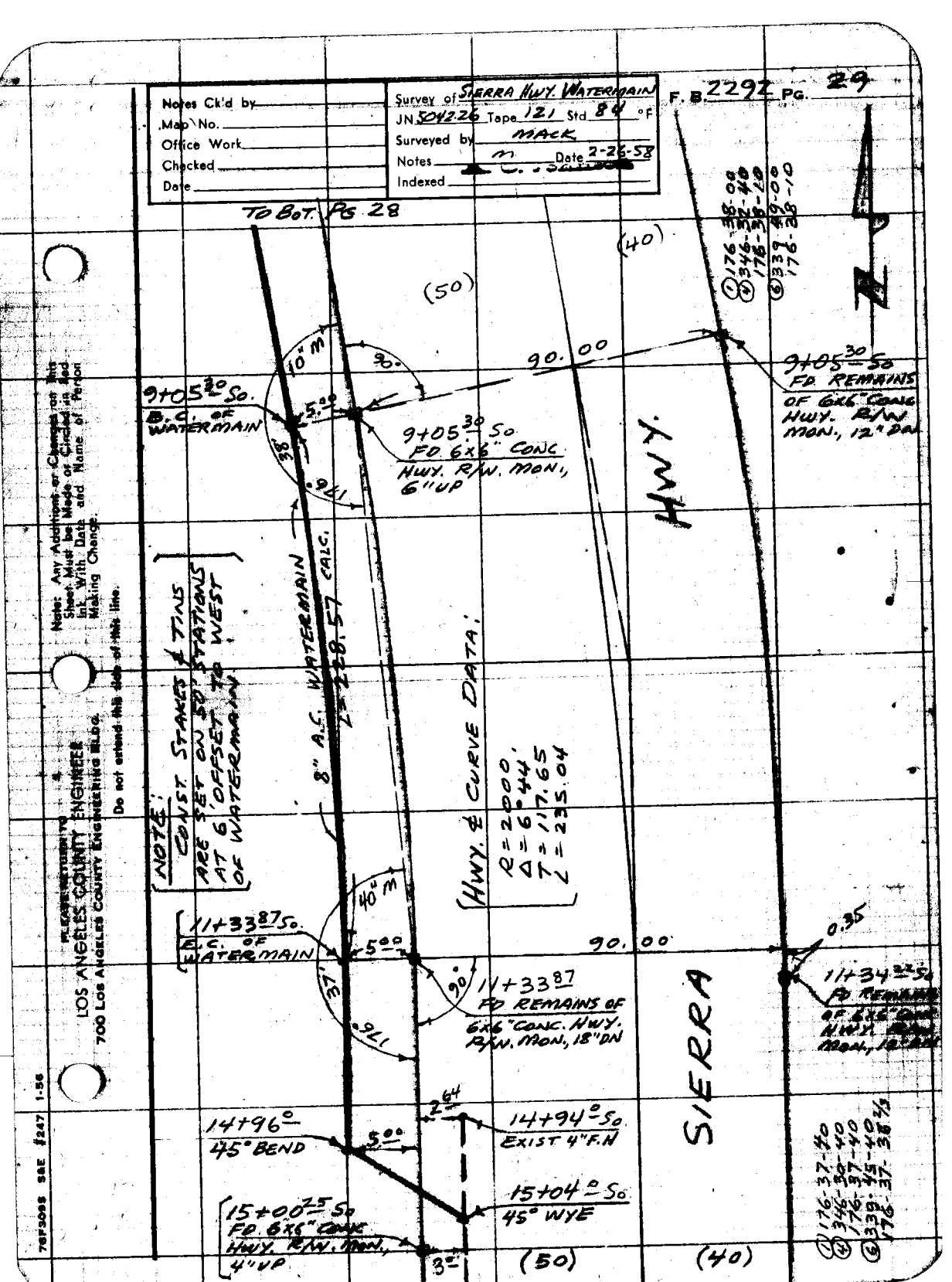

Notes Ck'd by
Map No.
Office Work
Checked
Date
Survey of SIERRA HWY. WATERMAIN
JN 5042.26 Tape 121 Std 84 °F
Surveyed by MACK
Notes
Date 2-26-58
Indexed
F. B. 2292 PG. 29
TO BOT. PG 28
(50)
(40)
90.00
10" M
90°
5.00
38'
9+05.30 So.
B.C. OF WATERMAIN
9+05.30 So
FD. 6x6" CONC
HWY. R/W. MON., 6" UP
9+05.30 So
FD. REMAINS OF 6x6" CONC HWY. R/W MON., 12" DN
HWY.
8" A.C. WATERMAIN
L = 228.57 CALC.
NOTE: CONST. STAKES & TINS ARE SET ON 50' STATIONS AT 6' OFFSET TO WEST OF WATERMAIN
HWY. ℄ CURVE DATA:
R = 2000'
Δ = 6°44'
T = 117.65
L = 235.04
40" M
11+33.87 So.
E.C. OF WATERMAIN
5.00
37'
90°
11+33.87
FD REMAINS OF 6x6" CONC. HWY. R/W. MON., 18" DN
90.00
0.35
11+34.22 So
FD REMAINS OF 6x6" CONC HWY. R/W MON., 12" DN
SIERRA
2.64
14+96.0
45° BEND
5.00
14+94.0 So.
EXIST 4" F.H
15+04.0 So.
45° WYE
15+00.25 So
FD. 6x6" CONC HWY. R/W. MON., 4" UP
3.0
(50)
(40)
① 176-38-00
④ 346-32-40
176-38-10
⑥ 339-49-00
176-38-10
① 176-37-40
④ 346-30-40
176-37-40
⑥ 339-45-40
176-37-38 2/3
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76F3095 S&E #247 1-56

Profile No.	Notes Red.	Plotted	Job No. 5042.26	Division No.	F. B. 2292 Pg. 31
	Date	Date	Survey of SIERRA HWY. WATERMAIN		
X-Sec. No.	Notes Chkd.	Checked	Survey by MACK	Notes M	Date 2-26-58
	Date	Date	Map No.	Indexed C. Johnson	Date

J N. 5042.26

GRADE STAKES
FOR
SIERRA HWY. WATERMAIN

FROM: AVE H
SLY TO: 1465'± SO. OF AVE H

[FOR LOCATION
SEE PGS. 27-29]

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

PARTY
MACK
HALISCKY
RITTER
HUBBARD
H.E. MITCHELL

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76298 S & E #307—7-55

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT. TRENCH	CUT	SIERRA HWY. BET AVES. H & H-4
BM U.S. 2136	104	233412		233308				B.M. U.S. 2136 EL= 2333.076 ADJ. 1932 LANCASTER 1.2 mi N. OF, ON S.P.R.R 2 POLES N. OF CULVERT #404-A 100 W. OF TRACK, 75' E OF PAVEMENT STAND. DISK IN TOP CONC. POST STAMPED "Z 56 1926"
T.P.	497	233386	523	232889				T.P.
T.P.	418	233422	382	233004				
TP	466	233447	441	232981				
TP	435	233294	588	232859				
BM#H-5E	475	233300	469	232825				BM#H-5E EL= AVE H & SIERRA HWY, S.W. COR CROSS IN TOP CONC, CULV. HEADWALL AT W. END.
NOTE: BOT. OF TRENCH TO BE 4.50' BELOW ℄ OF PAVEMENT OF SIERRA HWY BY REQUEST OF MR. MARTIN OF WATERWORKS								
0+00 So			523	2777				℄ AVE H AT INT. OF W. P/L OF SIERRA HWY PROD. FROM So
0+77.59 So (TEE)			565	2735		2486	249	STK & TIN, 6' W OF WATERMAIN
" " (F.H.)			599	2701		2486	215	" " 6' E OF FIRE HYD
			364	2936				℄ OF PAV. OF SIERRA HWY
1+00 So			553	2747		2497	250	STK & TIN 6' W OF WATER MAIN
			353	2947				℄ OF PAV. OF SIERRA HWY

F.B. 2292 PG. 32 Job No. 5042.26 Division No. Notes Red. Plotted No. Profile
Survey of SIERRA HWY WATERMAIN Date Date No. X-Sec.
Survey by MACK Notes M Notes Chkd. Checked
Indexed C. Johnson Date 2-26-58 Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT TRENCH	CUT		
		233300							
1+50			444	2856		2518	338	STK & TIN, 6'W OF WATERMAIN	
			332	2968				℄ OF PAV. OF SIERRA HWY	
2+00			457	2843		2525	318		6'W
			325	2975				℄	
+50			302	2998		2530	468		6'W
			320	2980				℄	
3+00			374	2926		2534	392		6'W
			316	2984				℄	
+50			351	2949		2542	407		6'W
			308	2992				℄	
TP 4+00	363	2333 12	351	2329 49					ST. 3+50
			383	2929		2549	380		6'W
			313	2999				℄	
+50			489	2823		2550	273		6'W
			312	3000				℄	
5+00			450	2862		2560	302		6'W
			302	3010				℄	
+50			459	2853		2563	290		6'W
			299	3013				℄	
6+00			499	2813		2568	245		6'W
			294	3018				℄	

Profile Notes Red. ____ Plotted ____ Job No. 504226 Division No. ____ F.B. 2292 Pg. 33
No. ____ Date ____ Date ____ Survey of SIERRA HWY. WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 2-26-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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F. B. 2292 PG. 34 | Job No. 5042-26 | Division No. | Notes Red. | Plotted | No. | Profile
Survey of SIERRA HWY WATERMAIN | Date | Date | No. | X-Sec.
Survey by MACK | Notes M | Notes Chkd. | Checked
Indexed C. Johnson | Date 2-26-58 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	% BOT TRENCH	CUT		
		2333 12						
6+50			5 18	2794	2573	221	STK & TIN	6' W OF WATERMAIN
			2 89	3023			℄ OF PAV	OF SIERRA HWY
TP 7+00	2.95	2332 68	3 39	2329 73				
			5 12	2756	2578	178		6' W
			2 40	3028			℄	
+50			4 90	2778	2582	196		6' W
			2 36	3032			℄	
8+00			479	2789	2576	213		6' W
			242	3026			℄	
+50			442	2826	2568	258		6' W
			250	3018			℄	
9+05.30 BC			433	2835	2553	282		6' W
			265	3003			℄	
+25			409	2859	2551	308		6' W
			267	3001			℄	
+50	480	2333 48	400	2328 33	2548	320		6' W
			350	2998			℄	
+75			502	2846	2542	304		6' W
			356	2992			℄	
10+00			500	2848	2541	307		6' W
			357	2991			℄	

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STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT TRENCH	CUT		
		2333 48							
10+25			495	2853		2536	317	STK ℄ T.N, 6'W. OF WATERMAIN	
			362	2986				℄ OF PAV. OF SIERRA HWY.	
+50			469	2879		2532	347		6'W
			366	2982				℄	
+75			417	2931		2529	402		6'W
			369	2979				℄	
11+00			452	2896		2519	377		6'W
			379	2969				℄	
+25			497	2851		2518	333		6'W
			380	2968				℄	
+33.87 EC			508	2840		2517	323		6'W
			381	2967				℄	
+50			492	2856		2514	342		6'W
			384	2964				℄	
12+00			524	2824		2502	322		6'W
			396	2952				℄	
+50	537	2333 57	528	2328.20		2497	323		6'W
			416	2947				℄	
13+00			537	2820		2487	333		6'W
			420	2937				℄	

Profile Notes Red ____ Plotted ____ Job No 5042.26 Division No. ____
No. ____ Date ____ Date ____ Survey of SIERRA HWY. WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 2-26-58
No. ____ Date ____ Date ____ Map No. ____ Index C. Job Date

F. B. 2292 Pg. 35

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STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT. TRENCH	CUT		
		233357							
13+50			554	2803		2479	324	STK & TIN, 6'W OF WATERMAIN	
			428	2929				℄ OF PAV. OF SIERRA HWY	
14+00			518	2839		2471	368		6'W
			436	2921				℄	
+50			386	2971		2463	508		6'W
			444	2913				℄	
+96° (45° BEND)			207	3150		2456	694		6'W
			451	2906				℄	
15+04° (45° Y)			239	3118		2454	664		6'W
			453	2904				℄	
TP	240	233390	207	233150					
B.M. U.S. 2136			079	233311				B.M. U.S. 2136 EL= 2333.076 ADJ 1932 (FOR DESC. SEE PG. 32)	

F. B. 2292 Pg. 36 Job No. 504226 Division No. Notes Red. Plotted Profile
Survey of SIERRA HWY WATERMAIN Date Date No.
Survey by MACK Notes M. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date 2-26-58 Date Date No.

Notes Ck'd by	Survey of TREVOR AVE WATERMAIN	F. B. 2292 PG. 37
Map No.	JN 5042.06 Tape 121 Std 84 °F	
Office Work	Surveyed by MACK	
Checked	Notes M Date 5-1-58	
Date	Indexed C. Johnson	

J.N. 5042.06

TREVOR AVE. WATERMAIN
BET WELL SITES #9 & #17
FROM OVINGTON TO PONDERA STS.

LOCATION &
CONST GRADE STAKES

PARTY
MACK
HALISCKY
RITTER
HUBBARD
N.E. MITCHELL

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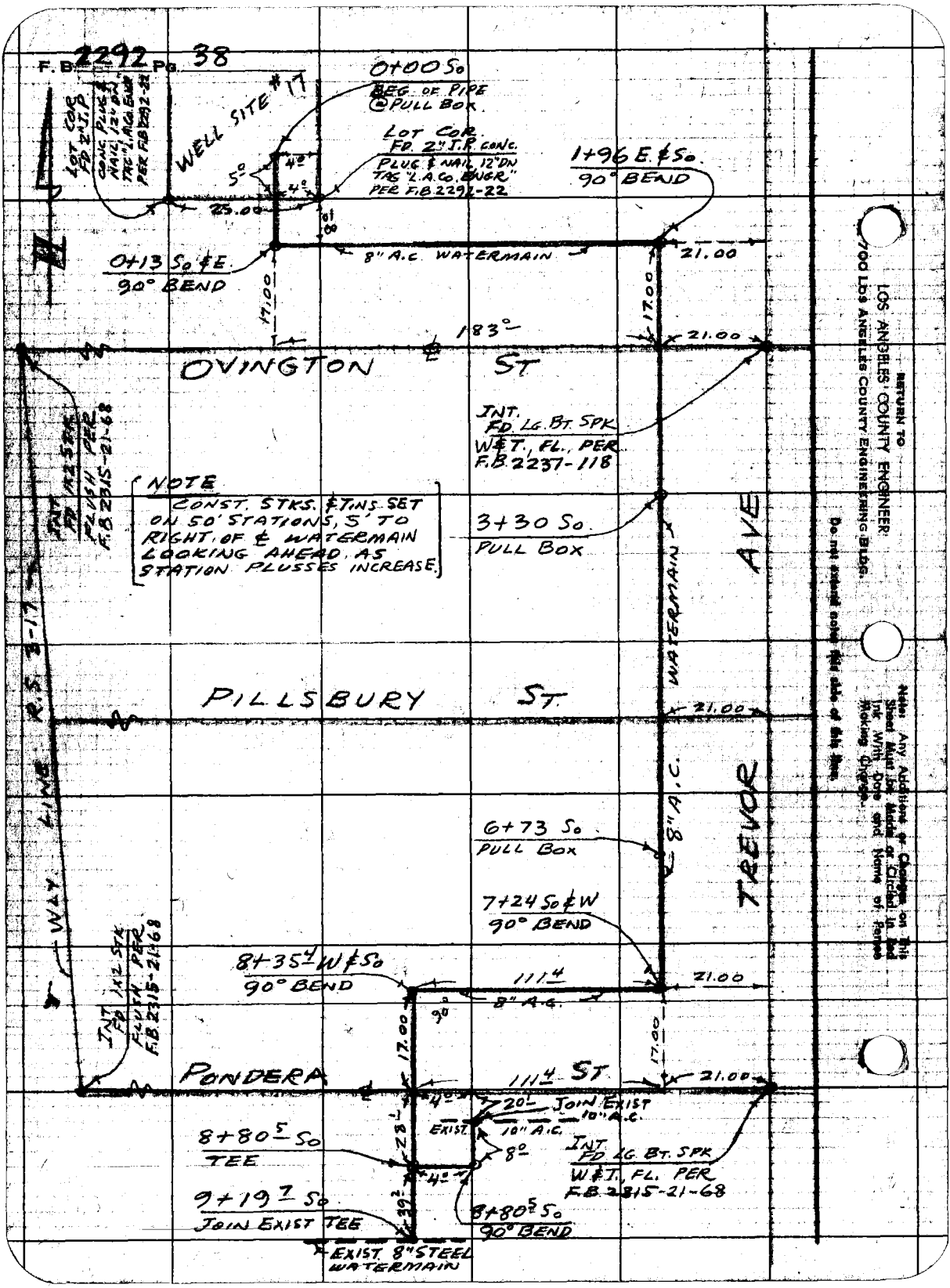
76F309S CE #247—3-57


F.B. 2292 Pg. 38
0+00 So
BEG. OF PIPE @ PULL BOX
WELL SITE #17
LOT COR. FD. 2" I.P. CONC. PLUG & NAIL 12" DN TAG "L.A.Co. ENGR" PER F.B. 2292-22
1+96 E & So
90° BEND
25.00
0+13 So & E
90° BEND
8" A.C. WATERMAIN
21.00
17.00
183°
OVINGTON ST
INT. FD. LG. BT. SPK W&T, FL., PER F.B. 2237-118
NOTE
CONST. STKS. & TINS SET ON 50' STATIONS, 5' TO RIGHT OF ℄ WATERMAIN LOOKING AHEAD AS STATION PLUSSES INCREASE.
3+30 So
PULL BOX
INT. FD. 1x2 STK. FLUSH PER F.B. 2315-21-68
WATERMAIN
AVE
PILLSBURY ST
8" A.C.
TREVOR
6+73 So
PULL BOX
7+24 So & W
90° BEND
WLY. LINE R.S. 3-17
8+35.4 W & So
90° BEND
111.4
8" A.C.
INT. FD. 1x2 STK. FLUSH PER F.B. 2315-21-68
PONDERA
111.4 ST
20.1
JOIN EXIST 10" A.C.
EXIST. 10" A.C.
8+80.5 So
TEE
INT. FD. LG. BT. SPK W&T, FL. PER F.B. 2315-21-68
9+19.7 So
JOIN EXIST TEE
8+80.5 So
90° BEND
EXIST. 8" STEEL WATERMAIN
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STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT DITCH	CUT	TREVOR AVE WATERMAIN
BM 10+61.33 INT	4 54	2374 39		2369 85				BM 10+61.33 INT EL=2369.85 (F.B. 1814-64 F.B. 2238-48) TREVOR AVE & OLDFIELD ST AT ℄ INT SPK W & T. IN PAV. AT ℄ INT
T.P.	4 18	2374 14	4 43	2369 96				T.P. SET LG. BT SPK IN TEL. POLE # K5791Y
BM "W.W-17"	4 46	2376 41	2 19	2371 95				BM "W.W-17" OVINGTON ST (N. SIDE) AT 210'± W. OF ℄ OF TREVOR AVE. BT SPK IN TOP OF N.E. COR OF CONC. FOOTING TO WATER WELL #17
NOTE: GRADE OF BOT. OF DITCH TO BE 4.33' BELOW ℄ GRADES OF RESPECTIVE STREETS								
0+00 So			5 84	7057		6651	C406	STK & TIN, 5' R-W. OF BEG. WATERMAIN
+13 So (90° BEND)			5 52	7089		6651	C438	" " 8" "
+ 13E (90° BEND)			5 57	7084		6651	C433	" " 5' R-So
			5 1	713			—	℄ OVINGTON ST
+50 E			4 67	7174		6672	C502	STK & TIN, 5 R-So OF WATERMAIN
			43	721			—	℄ OVINGTON ST
1+00 E			4 62	7179	+0.557	6699	C480	STK & TIN, 5' R-So
			4 4	720			—	℄ OVINGTON ST
+50 E			3 66	7275		6727	C548	STK & TIN 5' R-So
			3 7	727			—	℄ OVINGTON ST
1+91 E = 2+01 So			4 45	7196		6753	C443	STK & TIN, {5' R-So 5' R-W}
1+96 (90° BEND)			4 55	7186		6753	—	℄ TREVOR AVE, PAV
BM 6+55.5 W INT	7 39	2379 43	4 37	2372 04				BM 6+55.5 W EL=2372.05 (F.B. 2292-11) OVINGTON ST & TREVOR AVE AT ℄ INT SPK W & T IN PAV AT ℄ INT

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5042.06 Division No. ____ F.B. 2292 Pg. 39
Date ____ Date ____ Survey of TREVOR AVE WATERMAIN
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 5-2-58
Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	BOT DITCH	CUT	TREVOR	AVE WATERMAIN
		2379 43						
2+50 So			6 56	7287	68 19	C4 68	STK & TIN,	5'R-W OF WATERMAIN
			6 91	7252			℄ TREVOR	AVE., PAV
3+00 So			6 06	7337	68 84	C4 53	STK & TIN,	5'R-W
			6 26	7317			℄	
+30 PULL BOX			5 58	7385	69 31	C4 54		5'R-W
			5 79	7364			℄	
+50 So			5 21	7422	69 59	C4 63		5'R-W
			5 51	7392			℄	
4+00 So			4 26	7517	70 24	C4 93		5'R-W
			4 86	7457			℄	
+50 So			3 56	7587	71 07	C4 80		5'R-W
			4 03	7540			℄	
5+00 So	6 52	2383 20	2 75	2376 68	71 91	C4 77		5'R-W
			6 96	7624			℄	
+50 So			5 83	7737	72 71	C4 66		5'R-W
			6 16	7704			℄	
6+00 So			5 15	7805	73 47	C4 58		5'R-W
			5 40	7780			℄	
+50 So			4 20	7900	74 16	C4 84		5'R-W
			4 71	7849			℄	

F. B. 2292 Pg. 40
Job No. 5042.06 Division No. Notes Red. Plotted Profile
Survey of TREVOR AVE WATERMAIN Date Date No. X-Sec.
Survey by MACK Notes M Notes Chkd. Checked
Indexed [illegible] Date 5-2-58 Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT DITCH	CUT	TREVOR AVE WATERMAIN
		2383 20						
6+73 PULL BOX			380	7940		7449	C491	STK & TIN, 5' R-W OF WATERMAIN
			438	7882		—		℄ TREVOR AVE, PAV
7+00 So			339	7981		7487	C494	STK & TIN 5' R-W
			400	7920		—		℄ TREVOR AVE
7+19 So = 7+29 E			312	8008		7516	C492	STK & TIN {5' R-W, 5' R-N}
7+24 (90° BEND)			371	7949		7516	—	℄ TREVOR AVE
7+50 W			376	7944		7483	C461	STK & TIN, 5' R-N OF WATERMAIN
			37	795			—	℄ PONDERA ST
8+00 W			443	7877	-1.25%	7419	C458	STK & TIN, 5' R-N
			43	789			—	℄ PONDERA ST
+35.4 W (90° BEND)	573	2383 91	502	2378 18		7373	C445	STK & TIN 5' R-N
+35.4 So (90° BEND)			585	7806		7373	C433	STK & TIN 5' R-W
+50 So			545	7846		7373	C473	STK & TIN 5' R-W
+52.4 So			55	784		—	—	℄ PONDERA ST.
+80.5 So (TEE)			389	8002		7373	C629	STK & TIN, 5' R-W
" " (90° BEND)			423	7968		7373	C595	STK & TIN, 5' E OF 90° BEND
" " (90° BEND)			308	8083		7373	C710	" " 5' So " 90° BEND
9+00			—					" " 5' R-W
9+19.7 So (EXIST TEE)			—					" " 5' R-W
T.B.M. X-1"	387	2383 60	418	2379 73				T.B.M. X-1 SPK W&T @ ℄ INT TREVOR AVE & PONDERA ST

Profile Notes Red ____ Plotted ____ Job No. 5042.06 Division No. ____ F. B. 2292 Pg. 41
No. ____ Date ____ Date ____ Survey of TREVOR AVE WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 5-2-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		2383 60				
T. P	2 34	2378 18	7 76	2375 84		
BM 6+55^{5} W (INT)	3 18	2375 23	6 13	2372 05	BM 6+55^{5} W EL=2372.05 (F.B 2292-11) OVINGTON ST & TREVOR AVE AT ℄ INT SPK W & T IN PAV. AT ℄ INT	
B.M 10+61^{33} INT			5 39	2369 84	BM 10+61^{33} INT EL=2369.85 (F.B 1814-64 F.B. 2238-48) TREVOR AVE & OLDFIELD ST AT ℄ INT. SPK W & T IN PAV. FL AT ℄ INT	

F. B. 2292 Pg. 42 Job No. 5042.06 Division No. Notes Red. Plotted No. Profile
Survey of TREVOR AVE WATERMAIN Date Date X-Sec.
Survey by MACK Notes M Notes Chkd. Checked No.
Indexed C. Johnson Date 5-2-58 Date Date

Notes Ck'd by	Survey of TANK FILL AT WELL #16
Map No.	JN 5042.87 Tape 121 Std 84 °F
Office Work	Surveyed by MACK
Checked	Notes M Date 5-28-58
Date	Indexed A. C. Jonnson

F.B. 2292 Pg. 43

J.N. 5042.87

CONST GRADE STAKES

FOR

TANK FILL AT WELL #16

ON

AVE H-8 & 5th ST E.

PARTY
MACK
HALISCKY
RITTER
HUBBARD
H.E. MITCHELL

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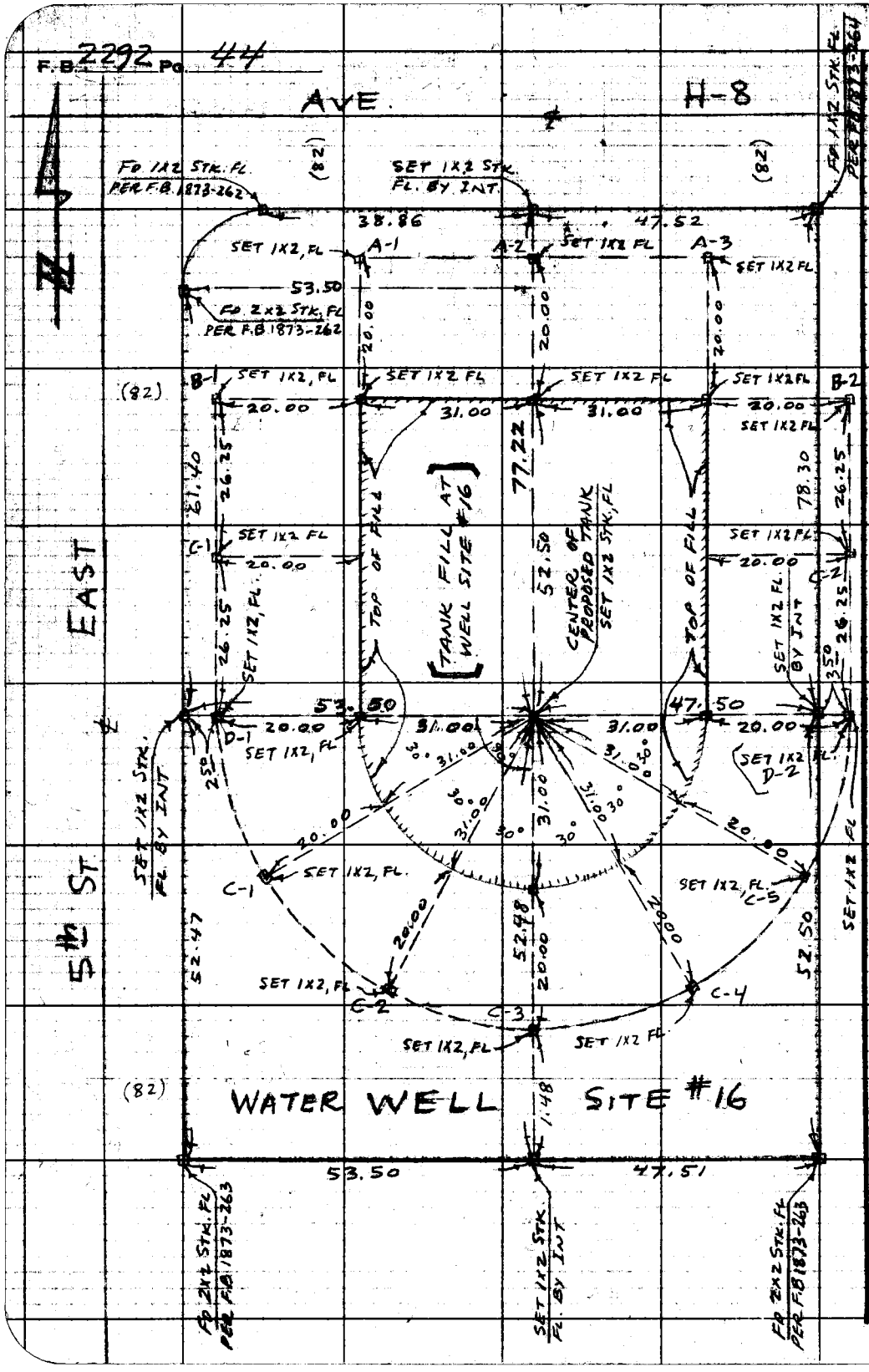
F.B. 2292 Pg. 44



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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE TOP FILL	CUT/FILL		
Bm # H8-5E	5 89	2351 14		2345 25			Bm # H8-5E EL=2345.255 (F.B 1873-267) AVE. H-8 & 5th ST. E., S.W. COR L & T IN CURB AT W. END C.R	
Bm "WW-16"	1 76	2351 18	1 72	2349 42			Bm "WW-16" 5th ST. E & AVE H-8, S.E. COR., AT WATER WELL SITE # 16 L & T IN S.E. COR. CONC. WELL HEAD	
	5 50	2351 20	5 48	2345 70				
Bm # 5E-H8							Bm # 5E-H8 EL=2345.710 (F.B. 1873-267) 5th ST. E. & AVE. H-8, S.W. COR. L & T IN CURB, 2.5 So. OF S. END C.R	
A-1			4 44	2346 76	47 30	F0 54	SET 1X2 STK,	20' N OF TOP FILL @ NW COR
-2			4 26	46 94	47 35	F0 41	"	20' N ON ℄ TANK N/S
-3			4 29	46 91	47 40	F0 49	"	20' N @ NE COR
B-1			4 47	46 73	47 30	F0 57	SET 1X2 STK	20' W OF TOP FILL @ NW COR
-2			2 85	48 35	47 40	C0 95	"	20' E " " " @ NE COR
C-1			4 53	46 67	47 30	F0 63	SET 1X2 STK	20' W OF TOP FILL @ 26.25 So
-2			2 60	48 60	47 40	C1 20	"	20' E " " @ 26.25 So

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5042.87 Division No. ____ F.B. 2292 PG. 45
X-Sec. No. ____ Date ____ Date ____ Survey of TANK FILL AT WELL # 16
Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 5-28-58
Date ____ Date ____ Map No. ____ Indexed C. Jon[illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE TOP FILL	CUT FILL		
		2351 20						
D-1			4 53	2346 67	47 30	F0 63	SET 1X2 STK	20' W. OF TOP FILL ON ℄ TANK E/W
-2			2 33	48 87	47 40	C1 47	" "	20' E " " " ON ℄ TANK E/W
C-1			3 98	47 22	47 31	F0 09	SET 1X2 STK	20' SW OF TOP FILL @ 60° S.W
-2			3 29	47 91	47 33	C0 58		20' SW @ 30° S.W
-3			3 38	47 82	47 35	C0 47		20' So ON ℄ TANK N/S
-4			2 94	48 26	47 37	C0 89		20' SE @ 30° SE
-5			3 20	48 00	47 39	C0 61		20' SE @ 60° SE
BM #H8-5E			5 95	2345 25			BM #H8-5E	EL=2345.255 (F.B 1873-267)
							AVE. H-8 & 5th ST. E., S.W. COR	
							L & T IN	CURB AT W. END C.R

F. B. 2292 Pg. 46 Job No. 5042.87 Division No. Notes Red. Plotted Profile
Survey of TANK FILL AT WELL #16 Date Date No.
Survey by MACK Notes M Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date 5-28-58 Date Date No.

Profile No.	Notes Red.	Plotted	Job No. 5042.09	Division No.
	Date	Date	Survey of WATER WELL SITE #17	
X-Sec. No.	Notes Chkd.	Checked	Survey by MACK	Notes M. Date 7-10-58
	Date	Date	Map No.	Indexed C. Johnson Date

F. B. 2292 Pg. 47

J.N. 5042.09

CONST. GRADE STAKES
FOR
SITE GRADING
AT
WATER WELL SITE #17

ON
OVINGTON ST. AT TREVOR AVE

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

PARTY
MACK
HALISCKY
RITTER
HUBBARD
H.E. MITCHELL

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STATION	B. S.	H. I.	F. S.	ELEV.	CONST STAKES FOR SITE GRADING	
BM "WW-17"	304	2374 99		2371 95	BM "WW-17" EL = 2371.95 (F.B. 2292.39) OVINGTON ST (N. SIDE) AT 210'± W. OF ℄ OF TREVOR AVE BT. SPK IN TOP OF N.E. COR. OF CONC. FOOTING TO WATER WELL #17	
[NOTE: GRADE COMPUTED ON BASIS OF +0.7' ABOVE ORIGINAL GROUND. SEE PGS 24-26]					GRADE	
0+00 N			3 59	2371 40	71 40	S.W. COR WELL SITE #17, SET 1X2 BLUE TOP
+25 N			3 84	71 15	71 15	ON WLY LINE WELL SITE #17, " 1X1 " "
+50 N			4 09	70 90	70 90	" " " " " " 1X2 " "
+75 N			4 34	70 65	70 65	" " " " " " " " "
1+00 N			4 59	70 40	70 40	N.W. COR. WELL SITE #17 " " " "
0+00 N			3 69	71 30	71 30	S.E. COR. WELL SITE #17, SET 1X1 BLUE TOP
+25 N			3 94	71 05	71 05	ON ELY LINE WELL SITE #17 " " " "
+50 N			4 19	70 80	70 80	" " " " " " " 1X2 " "
+75 N			4 44	70 55	70 55	" " " " " " " " " "
1+00 N			4 69	70 30	70 30	N.E. COR. WELL SITE #17 " " " "
0+00 N			3 64	71 35	71 35	SLY LINE (AT MIDPOINT) WELL SITE #17, SET 1X1 BLUE TOP
+25 N			3 89	71 10	71 10	ON MIDPOINT LINE " " " " " " "
+50 N			4 14	70 85	70 85	" " " " 1X2 " "
+75 N			4 39	70 60	70 60	" " " " " " " "
1+00 N			4 64	70 35	70 35	NLY. LINE (AT MIDPOINT) WELL SITE #17 " " " "
BM "WW-17"			3 04	2371 95		BM "WW-17" EL = 2371.95 (SEE ABOVE)

F. B. 2292 PG. 48 Job No. 5042.09 Division No. Notes Red. Plotted No. Profile
Survey of WATER WELL SITE #17 Date Date X-Sec.
Survey by MACK Notes M Notes Chkd. Checked
Indexed C. Johnson Date 7-10-58 Date Date No.

Notes Ck'd by	Survey of AVE K WATERMAIN
Map No.	J.N. 5042.36 Tape 121 Std. 84 of F
Office Work	Surveyed by MACK
Checked	Notes M. Date 7-29-58
Date	Indexed E. C. Johnson

F. B. 2292 Pg. 49

J.N. 5042.36

AVE. K WATERMAIN

FROM 12th ST. W. TO 15th ST W

PARTY
MACK
HALISCKY
RITTER
H.E. MITCHELL

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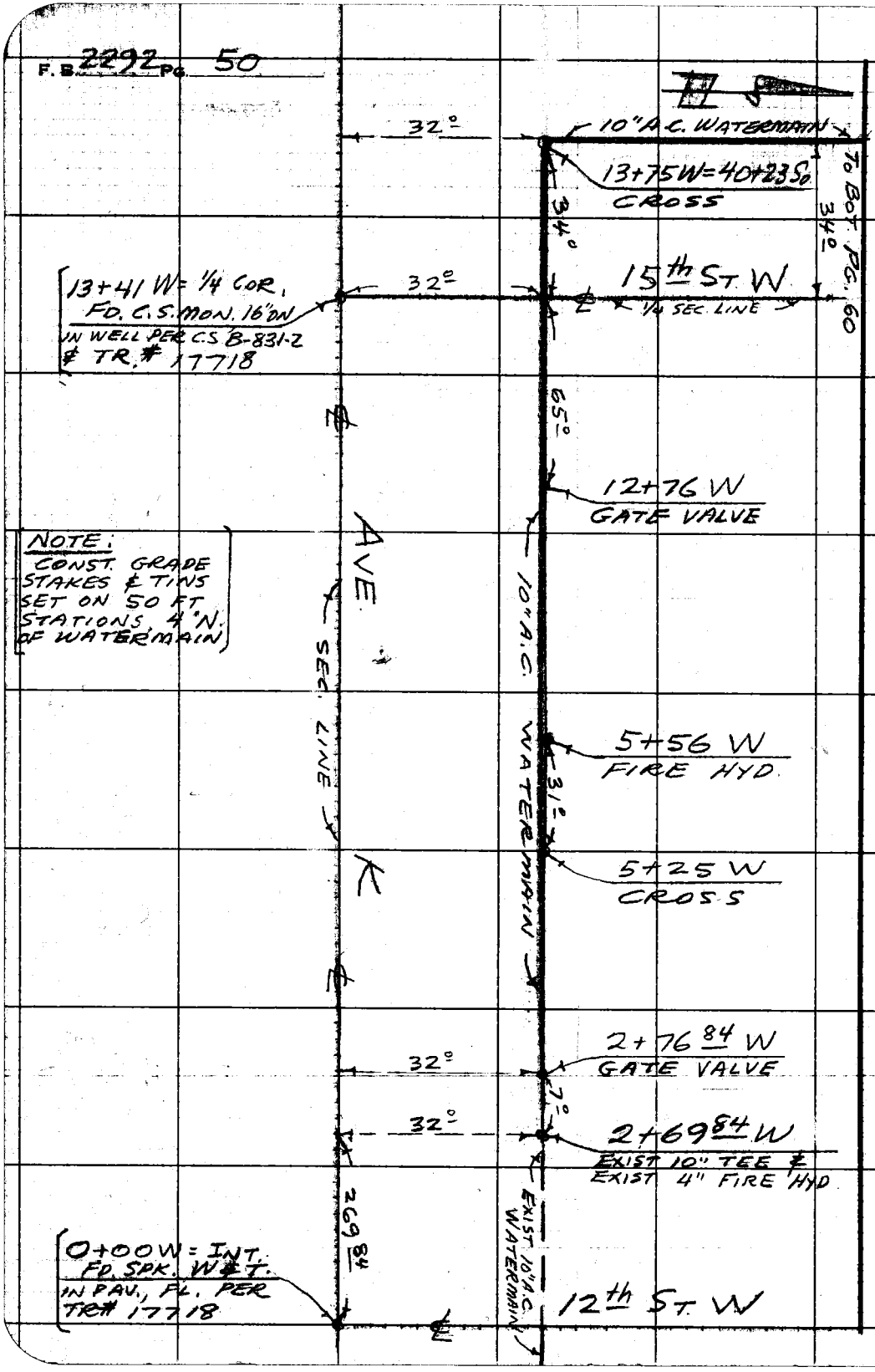
76F3095 CE #247—3-57

F. B. 2292 Pg. 50



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76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE K WATERMAIN BET 12th & 15th STS. W			
					GRADE BOT. DITCH	CUT		
BM #15W-KE	336	240054		239718			BM #15W-KE	EL=2397.180 (F.B. 1846-159)
							AVE K & 15th ST W., N.E. COR.	
							LG BT SPK IN N. SIDE P.P. #1051402E	
T.P.	473	240074	453	239601			T.P	
T.P.	291	239953	412	239662				
TBM #1	331	239981	303	239650			T.B.M #1 -- AVE. K (N. SIDE) AT 200'± W OF ℄ 12th ST. W	
							L&T IN CURB, OPP. HOUSE #1215	
0+00 W (INT)			—				℄ INT 12th ST. W. & AVE K	
2+69.84 W (EXIST FIRE HYD)			—				EXIST 4" FIRE HYD. & 10" TEE	
2+76.84 W. (G.V.)			464	239517	85 42	C-9 75	STK & TIN, 4' N. OF G.V	
			439	9542			℄ AVE K, PAV	
3+00			539	9442	85 42	C-9 00	STK & TIN 4' N OF WATERMAIN	
			419	9562			℄ AVE K, PAV	
+50			480	9501	86 01	C-9 00	STK & TIN, 4' N	
			347	9634			℄	
4+00			476	9505	90 55	C-4 50		4' N
			298	9683			℄	
+50			458	9523	90 73	C-4 50		4' N
			270	9711			℄	
5+00			446	9535	90 85	C-4 50		4' N

Profile Notes Red. ____ Plotted ____ Job No. 5042.36 Division No. ____ F.B. 2292 PG. 51
No. ____ Date ____ Date ____ Survey of AVE K WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 7-29-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH	CUT		
5+00 W.		2399 81	258	239723			℄ AVE K	PAV.
+25 W (CROSS)			420	9561	91 11	C450	STK. & TIN,	4' N. OF WATERMAIN
			253	9728			℄	
+56 W (FIRE HYD)	504	2400 78	407	239574	91 24	C450		4' N
			354	9724			℄	
6+00 W			499	9579	91 29	C450		4' N
			372	9706			℄	
+50 W			480	9598	91 48	C450		4' N
			395	9683			℄	
7+00 W			460	9618	91 68	C450		4' N
			414	9664			℄	
+50 W			473	9605	91 55	C450		4' N
			432	9646			℄	
8+00 W			480	9598	91 48	C450		4' N
			451	9627			℄	
+50 W			525	9553	91 03	C450		4' N
			465	9613			℄	
9+00 W	458	2400 31	505	239573	91 23	C450		4' N
			424	9607			℄	
+50 W			431	9600	91 50	C450		4' N
			420	9611			℄	

F. B. 2292 Pg. 52 | Job No. 5042.36 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of AVE. K WATERMAIN ____ Date ____ No. ____ X-Sec.
Survey by MACK Notes M Notes Chkd. ____ Checked ____
Indexed [redacted] Date 7-29-58 Date ____ Date ____ No. ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH	CUT		
10+00W		2400 31	431	2396 00	91 50	C-4 50	STK & TIN,	4' N OF WATERMAIN
			419	9612			℄ AVE. K,	PAV.
+50W			464	9567	91 17	C-4 50		4' N
			432	9599			℄	
11+00W			474	9557	91 07	C-4 50		4' N
			460	9571			℄	
+50W			462	9569	91 19	C-4 50		4' N
			481	9550			℄	
12+00W			423	9608	91 58	C-4 50		4' N
			510	9521			℄	
+50W			451	9580	91 30	C-4 50		4' N
			561	9470			℄	
12+76W (G.V.)			582	9449	89 99	C-4 50		4' N
			588	9443			℄	
13+00W	362	2398 02	591	2394 40	88 90	C-5 50		4' N
			373	9429			℄	
+50W			470	9332	88 82	C-4 50	STK & TIN,	4' N OF WATERMAIN
			403	9399			℄	
+71 W			482	9320	88 70	C-4 50	STK & TIN	4' N
			419	9383			℄	

Profile Notes Red. ____ Plotted ____ Job No. 5042.36 Division No. ____
No. ____ Date ____ Date ____ Survey of AVE. K WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 7-29-58
No. ____ Date ____ Date ____ Map No. ____ Index C. Joa[illegible]

F.B. 2292 Pg. 53

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH	CUT		
		2398 02						
13+75 W (CROSS)			4 23	2393 79			℄ AVE K, PAV	
BM #15W-KW			4 28	2393 74			BM #15W-KW EL=2393.755 (F.B 1846 PG 159) AVE. K & 15th ST. W., N.W. COR LG BT. SPK W&T. IN N. SIDE P.P. #1051403E	

F. B. 2292 Pg. 54 Job No. 5042.36 Division No. Notes Red. Plotted No. Profile
Survey of AVE. K WATERMAIN Date Date X-Sec.
Survey by MACK Notes M Notes Chkd. Checked No.
Indexed C. Johnson Date 7-29-58 Date Date

Notes Ck'd by	Survey of AVE. H-8 WATERMAIN
Map No.	JN 5042.07 Tape 121 Std 84 °F
Office Work	Surveyed by MACK
Checked	Notes M Date 7-31-58
Date	Indexed [redacted]

F. B. 2292 Pg. 55

J.N. 5042.07

AVE. H-8 WATERMAIN

AT

WELL SITE # 18

ON

17th ST. W.

PARTY
MACK
HALISCKY
RITTER
H. E. MITCHELL

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76F309S CE #247—3-57

F. B. 2292 Pg. 56

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Notes Ck'd by	Survey of 15th St. W. WATERMAIN
Map No.	JN 5042.36 Tape 121 Std 84 °F
Office Work	Surveyed by MACK
Checked	Notes M Date 7-31-58
Date	Indexed C. Johnson

F. B. 2292 PG. 57

J. N. 5042.36

15th ST W. WATERMAIN

FROM

WELL SITES #11 & 12 AT AVE. J-4

TO

AVE K AT 15th ST. W

PARTY
MACK
HALISCKY
RITTER
H. E. MITCHELL

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

78F309S CE #247—3-57

F.B. 2292 Pg. 58

PROP. COR
FD C.S. MON.
BRASS CAP, FL.
PER F.B. 1873-81

TO 1/4 COR. AT AVE J

40°

75°

EXIST. 10" C.I.

24°

34°

6°

0+10 So
90° BEND

EXIST. 10" FLANGE

WATER WELL SITES #11 & #12

90°

1/4 SEC. LINE

WEST

AVE.

J-4

34°

6°

PROP. COR
FD. 1" I.P. FL
PER F.B. 1873-80

INT = 1+00 So.
PER PLAN
WW4-C-429

1+45 So
F.H. TEE

NOTE:
CONST GRADE STAKES & TINS SET ON 50' STATIONING AT 6' E. OF ℄ WATERMAIN

WATERMAIN

8+05 So
F.H. TEE

10" P.C. OR C.I.

ST.

15th

1/4 SEC. LINE

14+18.7 So
CTR SEC. 21
FD C.S. MON.
BR. CAP IN WELL
PER C.S.B-831-2

AVE

J-8

34°

TO TOP PG. 59

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Notes Ck'd by	Survey of 15th St. W. WATERMAIN
Map No.	JN 5042.36 Tape 121 Std 84 °F
Office Work	Surveyed by MACK
Checked	Notes M Date 8-1-58
Date	Indexed C. Johnson

F. B. 2292 Pg. 59

From Bot Pg. 58

14+74 So
GATE VALVE

14+81 So
F.H. TEE

34°

21+23 So
F.H. TEE

WEST

1/4 SEC. LINE

INT. =
25+75 So
PER PLAN
WW4-C-427

13th St W

26+02 So
GATE VALVE

26+09 So
TEE

26+40 So
F.H. TEE

10" A.C. OR C.I. WATERMAIN

ST

15th

28+61 So
TEE

1/4 SEC. LINE

NOTE:
CONST GRADE STAKES & TINS SET ON 50' STATIONING AT 6' E OF ℄ WATERMAIN

34°

31+61 So
TEE

32+13 So
F.H. TEE

To Top Pg. 60

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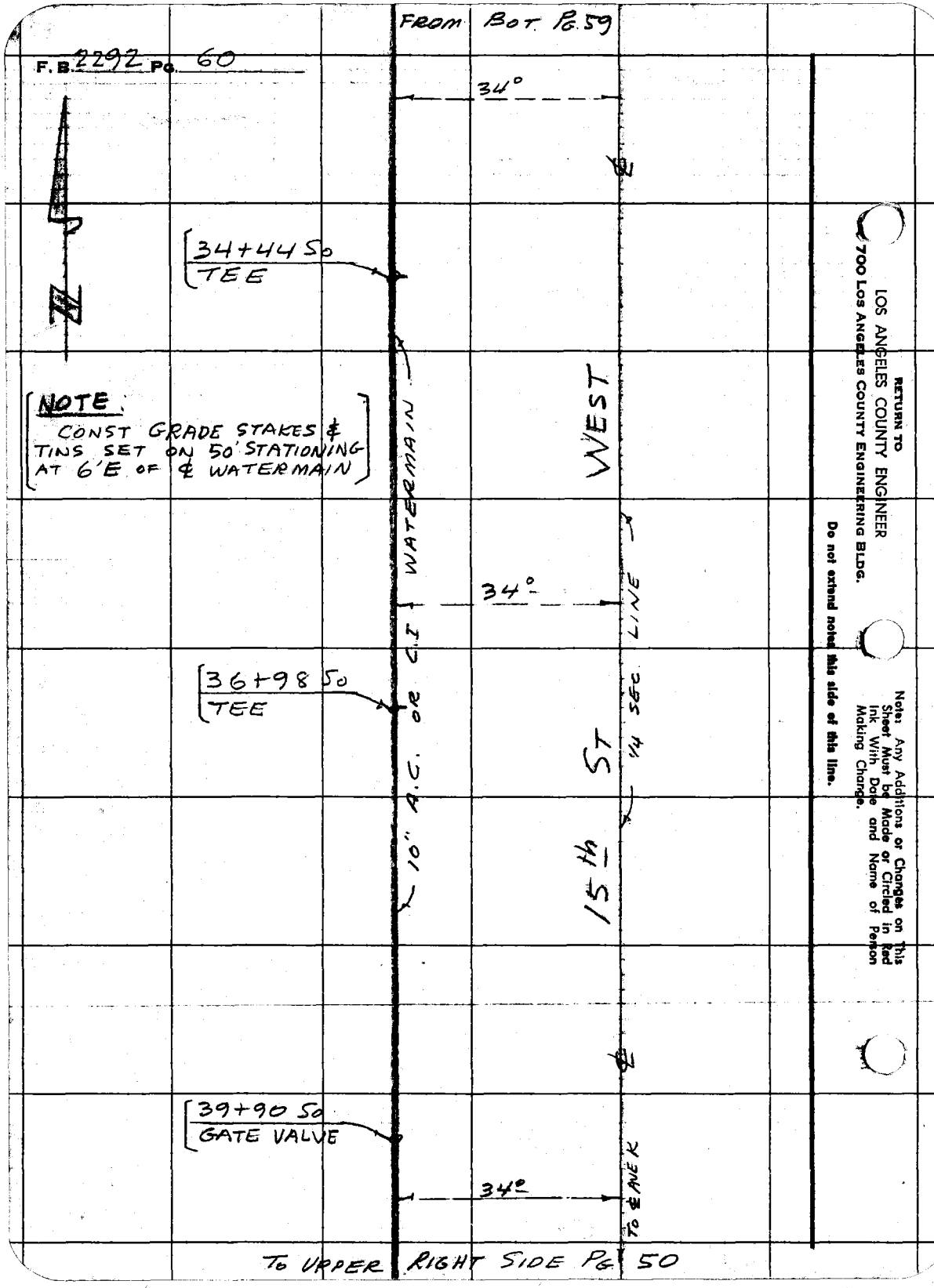
76F3095 CE #247—3-57


FROM BOT PG. 59
F.B. 2292 PG. 60
34°
34+44 So
TEE
NOTE:
CONST GRADE STAKES & TINS SET ON 50' STATIONING AT 6'E OF ℄ WATERMAIN
WEST
WATERMAIN
34°
LINE
36+98 So
TEE
10" A.C. OR C.I.
15th ST
1/4 SEC
39+90 So
GATE VALVE
34°
TO ℄ AVE K
TO UPPER RIGHT SIDE PG 50
RETURN TO
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76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH		CUT		15th St. W. WATERMAIN BET. AVES J-4 & K	
Bm "W-2"				2358 11					Bm "W-2" EL=2358.110 (F.B 1873-85)	
									15th St W & AVE. J-4, N.W. COR.,	
									165'N & 40'W. OF ℄ INT	
									TOP C.S. MON., BRASS CAP, FLUSH,	
									MARKED "COUNTY SURVEYOR, RE 63, "W-2"	
0+10 So (90° BEND)				5891					℄ 15th St W., PAV	
				2358 28	54	41	3	87	STK & TIN,	6'E OF WATERMAIN
+50				59 21					℄	
				58 43	54	71	3	72		6'E
1+00				59 55					℄	
				58 61	55	05	3	56		6'E
+45 (F.H TEE)				60 00					℄	
				59 29	55	50	3	79		6'E
2+00				60 57					℄	
				59 80	56	07	3	73		6'E
+50				60 96					℄	
				60 22	56	46	3	76		6'E
3+00				61 32					℄	
				60 63	56	82	3	81		6'E
+50				61 23					℄	
⊙				2361 21	57	23	3	98		6'E

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5042.36 Division No. ____ F. B. 2292 Pg. 61
Date ____ Date ____ Survey of 15th St W. WATERMAIN
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 8-1-58
Date ____ Date ____ Map No. ____ Index C. John

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH	CUT		
4+00				23 62 15			℄ 15th ST. W., PAV.	
				61 73	57 65	4 08	STK & TIN, 6'E. OF WATERMAIN	
+50				62 68			℄	
				62 03	58 18	3 85		6'E
5+00				63 10			℄	
				62 37	58 60	3 77		6'E
+50				63 39			℄	
				62 68	58 89	3 79		6'E
6+00				63 92			℄	
				63 33	59 42	3 91		6'E
+50				64 24			℄	
				63 71	59 74	3 97		6'E
7+00				64 64			℄	
				63 96	60 14	3 82		6'E
+50				65 17			℄	
				64 66	60 67	3 99		6'E
8+05 (F.H TEE) ⊙				65 74			℄	
				65 19	61 24	3 95		6'E
+50				66 20			℄	
				23 65 54	61 70	3 84		6'E

F. B. 2292 Pg. 62 | Job No. 5042.36 Division No. | Notes Red. | Plotted | Profile
Survey of 15th St W. WATERMAIN | Date | Date | No. | X-Sec.
Survey by C. Johnson MACK | Notes M. | Notes Chkd. | Checked | No.
Indexed | Date | Date | Date

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH		CUT			
9+00				2366.64					℄ 15th St W., PAV	
				66.11	62	14	3	97	STK & TIN,	6'E OF WATERMAIN
+50				67.08					℄	
				66.43	62	58	3	85		6'E
10+00				67.47					℄	
				66.71	62	97	3	74		6'E
+50				67.89					℄	
				67.19	63	39	3	80		6'E
11+00				68.28					℄	
				67.61	63	78	3	83		6'E
+50				68.66					℄	
				68.03	64	16	3	87		6'E
12+00				69.08					℄	
				68.94	64	58	4	36		6'E
+50				69.61					℄	
				69.39	64	49	4	90		6'E
13+00				69.97					℄	
				68.67	62	97	5	70		6'E
+50				69.66					℄	
				68.35	62	65	5	70		6'E

Profile Notes Red_____ Plotted_____ Job No. 5042.36 Division No._____ F. B. 2292 Pg. 63
No._____ Date_____ Date_____ Survey of 15th St W. WATERMAIN
X-Sec. Notes Chkd._____ Checked_____ Survey by MACK Notes M. Date 8-1-58
No._____ Date_____ Date_____ Map No._____ Indexed C. Jones Date

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH		CUT			
14+00				2368 75					℄ 15th ST	W. PAV
				2367 94	63	54	4	40	STK & TIN,	6'E OF WATERMAIN
+50				68 90					℄	
				68 92	64	42	4	50		6'E
+74 G.V.				69 50					℄	
				69 50	65	00	4	50		6'E
+81 (F.H TEE)				69 69					℄	
				6957	65	14	4	43		6'E
15+00				70 08					℄	
				6960	65	58	4	02		6'E
+50				71 13					℄	
				7001	66	63	3	38		6'E
16+00				71 74					℄	
				7064	67	24	3	40		6'E
+50				72 15					℄	
				7113	67	65	3	48		6'E
17+00				7251					℄	
				7159	68	01	3	58		6'E
+50				73 00					℄	
				2372 12	68	50	3	62		6'E

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red. ____ Date ____ Notes Chkd. ____ Date ____

Division No. ____ Job No. 5042.36

Survey of 15th ST WATERMAIN

Survey by MACK Notes M

Indexed C. JOHNSON Date ____

F. B. 2292 Pg. 64

70268 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH		CUT			
18+00				2373 80					℄ 15th St. W., PAV	
				7286	69	30	3	56	STK & TIN,	6'E OF WATERMAIN
+50				7448					℄	
				7365	69	98	3	67		6'E
19+00				7509					℄	
				7440	70	59	3	81		6'E
+50				7558					℄	
				7481	71	08	3	73		6'E
20+00				7602					℄	
				7523	71	52	3	71		6'E
+50				7638					℄	
				7567	71	88	3	79		6'E
21+00				7677					℄	
				7616	72	27	3	89		6'E
+23 (F.H. TEE)				7699					℄	
				7637	72	49	3	88		6'E
+50				7720					℄	
				7660	72	70	3	90		6'E
22+00				7740					℄	
				7711	73	11	4	00		6'E

Profile No.____ Notes Red.____ Plotted____ Job No. 5042.36 Division No.____ F.B. 2292 Pg. 65
Date____ Date____ Date____ Survey at 15th St. W WATERMAIN
X-Sec. No.____ Notes Chkd.____ Checked____ Survey by MACK Notes JSC Date 8-4-58
Date____ Date____ Map No.____ Indexed C. Job Date

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH	CUT		
22+50				23 78 03			℄ 15th ST. W., PAV	
				77 45	73 53	3 92	STK & TIN,	6'E OF WATERMAIN
23+00				78 47			℄	
				78 04	73 97	4 07		6'E
+50				78 95			℄	
				78 47	74 45	4 02		6'E
24+00				79 46			℄	
				23 78 82	74 96	3 86		6'E
+50				79 90			℄	
				79 08	75 40	3 68		6'E
25+00				80 23			℄	
				79 52	75 73	3 79		6'E
+50				80 52			℄	
				79 98	76 02	3 96		6'E
26+02 G.V.				80 95			℄	
				80 50	76 45	4 05		6'E
+09 TEE				81 03			℄	
				80 60	76 53	4 07		6'E
+40 (F.H. TEE)				81 39			℄	
				23 80 75	76 89	3 86		6'E

F. S. 2292 Pg. 66
Job No. 5042.36 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of 15th St. W. WATERMAIN Date ____ Date ____ No. ____
Survey by MACK Notes M Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. JOHNSON Date ____ Date ____ Date ____ No. ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT.	GRADE DITCH	CUT			
27+00				23 81 91					℄ 15th ST W., PAV.	
				81 27	77	41	3	86	STK & TIN,	6'E OF WATERMAIN
+50				82 36					℄	
				81 88	77	86	4	02		6'E
28+00				82 77					℄	
				82 12	78	27	3	85		6'E
+61 TEE				83 37					℄	
				82 59	78	87	3	72		6'E
29+00				83 67					℄	
				82 95	79	17	3	78		6'E
+50				84 19					℄	
				83 42	79	69	3	73		6'E
30+00				84 50					℄	
				83 85	80	00	3	85		6'E
+50				84 86					℄	
				84 29	80	36	3	93		6'E
31+00				85 35					℄	
				84 61	80	85	3	76		6'E
+61 TEE				85 91					℄	
				23 85 13	81	41	3	72		6'E

Profile Notes Red. ____ Plotted ____ Job No. 5042.36 Division No. ____ F. B. 2292 Pg. 67
No. ____ Date ____ Date ____ Survey of 15th ST W. WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 8-1-58
No. ____ Date ____ Date ____ Map No. ____ Index C. John

76298 S & E #307—7-55

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F. B. 2292 Pg. 68 | Job No. 5042.36 | Division No. | Notes Red. | Plotted | Profile No.
Survey of 15th St. W., WATERMAIN | Date | Date | X-Sec. No.
Survey by MACK | Notes M. | Notes Chkd. | Checked
Indexed C. Johnson | Date 8-1-58 | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH		CUT			
32+13 (F.H. TEE)				23 86.36					℄ 15th St. W., PAV	
				85.75	81	86	3	89	STK ℄ TIN,	6'E OF WATERMAIN
+50				86.74					℄	
				86.10	82	24	3	86		6'E
33+00				87.15					℄	
				86.55	82	65	3	90		6'E
+50				87.51					℄	
				86.87	83	01	3	86		6'E
34+00				87.84					℄	
				87.18	83	34	3	74		6'E
+44 TEE				88.04					℄	
				87.44	83	54	3	90		6'E
35+00				88.34					℄	
				87.68	83	84	3	84		6'E
+50				88.70					℄	
				87.85	84	20	3	65		6'E
36+00				89.14					℄	
				88.19	84	64	3	55		6'E
+50				89.49					℄	
				23 88.65	84	99	3	66	SPK ℄ TIN,	6'E

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH		CUT			
36+98 TEE				23 89.84					℄ 15th St W., PAV	
				89.04	85	34	3	70	SPK & TIN, 6'E OF WATERMAIN	
37+50				90.32					℄	
⊙				89.27	85	82	3	45		6'E
38+00				90.59					℄	
				89.67	86	09	3	58		6'E
+50				91.00					℄	
				90.30	86	50	3	80		6'E
39+00				91.56					℄	
				91.01	87	06	3	95		6'E
+50				92.28					℄	
				91.99	87	78	4	21		6'E
+90 G.V				93.07					℄	
RP 15' W of ditch				92.25	88	57	3	68		6'E
40+23 CROSS			—	23 94.24					CROSS = 13+75W (SEE PG 54)	
+55 INT			—	23 94.10					℄ INT. AVE K & 15th St. W. (1/4 SEC. COR.)	
BM #15W-KW				23 93.80					BM #15W-KW EL=2393.755 (F.B. 1846-159) AVE. K & 15th St. W., N.W. COR. LG. BT. SPK W & T. IN N. SIDE P.P. #1051403E	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 50423 Division No. ____ F. B. 2292 Pg. 69
Date ____ Date ____ Survey of 15th St W. WATERMAIN
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 8-1-58
Date ____ Date ____ Map No. ____ Index C. Johnson

Notes Ck'd by	Survey of 10th St. E. Water Well	F. B. 2292 Pg. 71
Map No.	JN Tape 13 Std 84 °F	
Office Work	Surveyed by MACK	
Checked	Notes m Date 8-21-58	
Date	Indexed C. J[illegible]	

LOCATION OF 10th E. WATER WELL

BET. AVES. J-8 & K

ON

10th ST. E. (W. SIDE)

[1 COPY OF THESE NOTES SUPPLIED TO WATERWORKS DIST. OFFICE, LANCASTER.
MACK
8-21-58]

PARTY:
MACK
HALISCKY
RITTER
H.E. MITCHELL

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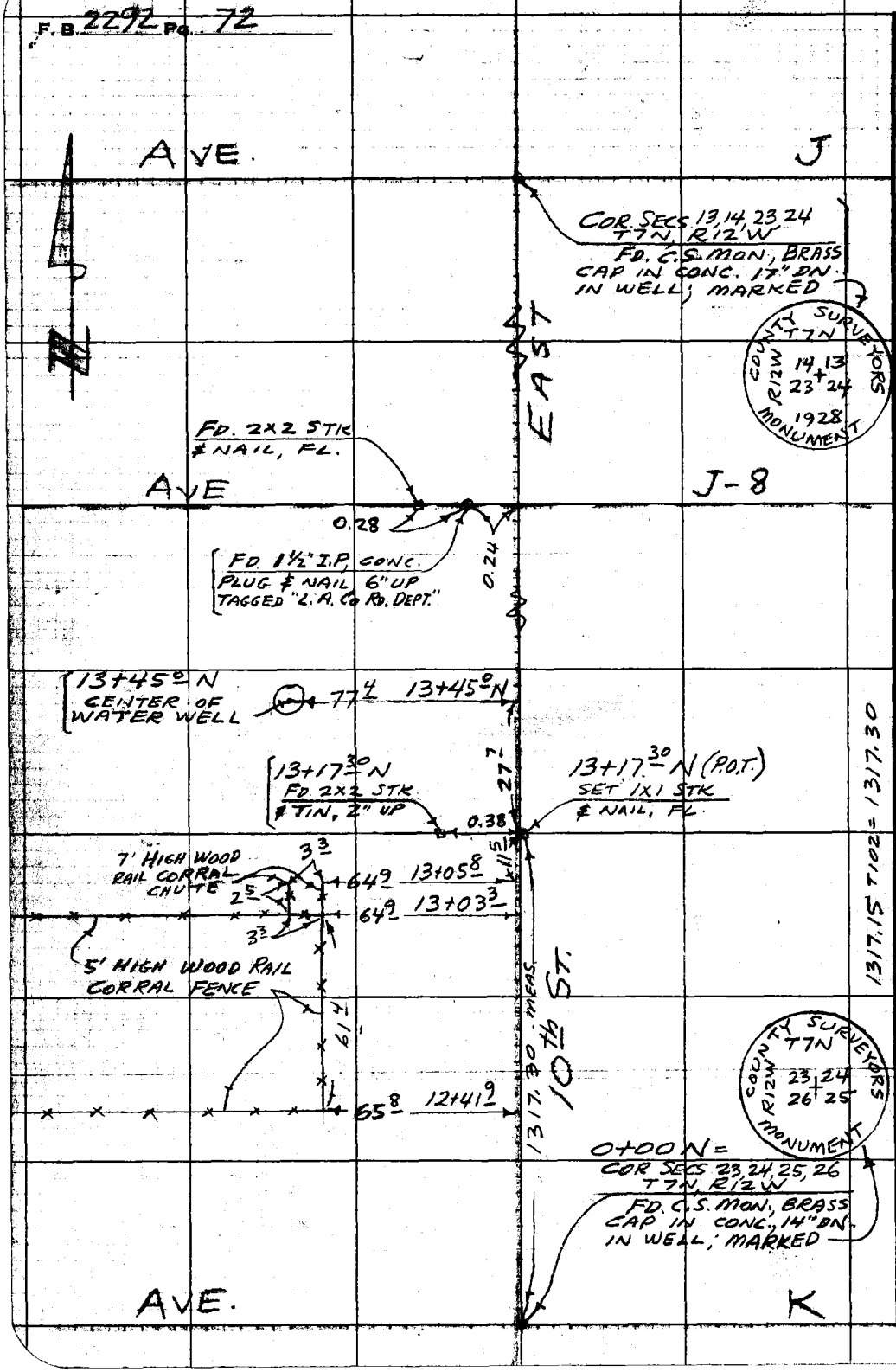
5234.05

76F3095 CE #247—3-57

F.B. 2292 Pg. 72



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Notes Ck'd by	Survey of TANK SITE - WELL #14
Map No.	JN 5042.88 Tape 144 Std 84 °F
Office Work	Surveyed by MACK
Checked	Notes M. Date 9-16-58
Date	Indexed J. C. Johnson

F. B. 2292 PG. 73

J.N. 5042.88

TANK SITE AT WATER WELL #14

DIVISION ST & AVE H-8

PARTY:
MACK
HALISCKY
RITTER
TALBOT
H.E. MITCHELL

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76F309S CE #247—3-57

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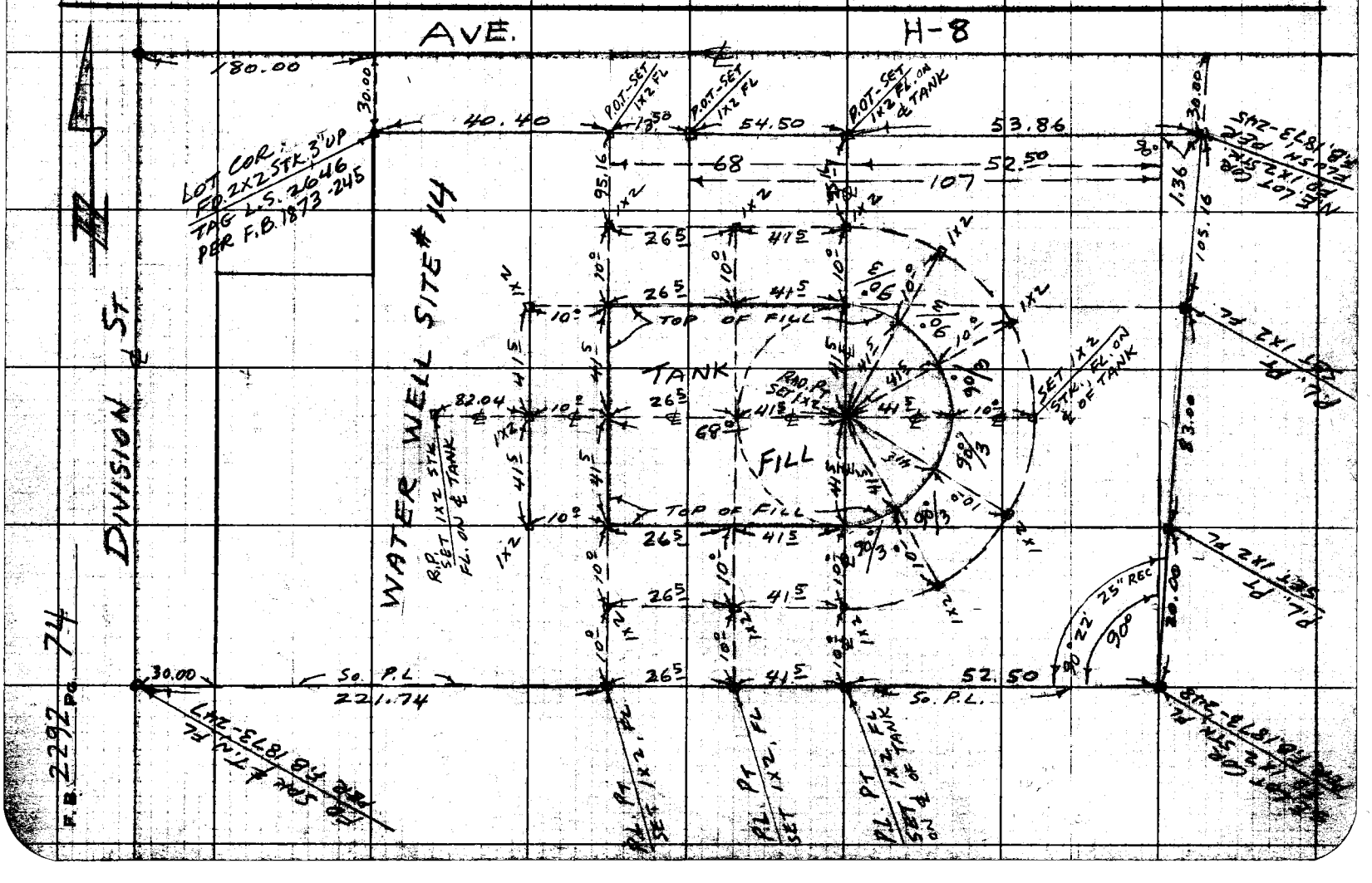

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT/FILL	TANK FILL - WELL # 14
BM "DIV.-H8"	685	2342 37		2335 52			B.M "DIV-H8" EL= 2335.525 (F.B 1873-251) DIVISION ST & AVE. H-8 AT ℄ INT TOP BRASS CAP C.S. MON. 16" DN. IN WELL; 1/4 COR. BET SECS 10, 11, T7N, R12W
NW. COR (TANK FILL)			—				
10'N			455	3782	38 40	F0 58	SET 1X2 STK., FL
10'W			471	3766	38 40	F0 74	" " " "
N. SIDE @26.5'E			—				
10'N			461	3776	38 60	F0 84	SET 1X2 STK., FL.
N. SIDE @ B.C.			—				
10'N			449	3788	38 60	F0 72	SET 1X2 STK., FL.
@30°E 10 NE			436	3801	38 60	F0 59	" " " "
@60°E 10 NE			428	3809	38 60	F0 51	" " " "
RAD. PT			441	3796	39 10	F1 14	" " " "
51.5'E	452	2342 66	423	23 3814	38 60	F0 46	" " " " @ 10'E OF TOP FILL
78 W			478	3788	38 40	F0 52	" " " " @ 10'W " " "
S. SIDE @ E.C.			—				
10'So			456	3810	38 60	F0 50	SET 1X2 STK., FL.
@30°E 10'SE			446	3820	38 60	F0 40	" " " "
@60°E 10 SE			447	3819	38 60	F0 41	" " " "

Profile Notes Red. Plotted Job No. 5042.88 Division No.
No. X-Sec. Date Date Survey of TANK SITE - WELL # 14
No. Notes Chkd. Checked Survey by MACK Notes M Date 9-10-58
Date Date Map No. Indexed C. JOHNSON

F. B. 2292 Pg. 75

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT/FILL	TANK FILL - WELL # 14
		2342 66					
S.W. COR (TANK FILL)			—				
10' So			4 22	2338 44	38 40	C0 04	SET 1X2 STK., FL
10' W			3 46	39 20	38 40	C0 80	" " " "
S. SIDE @ 26.5 E			—				
10' So			4 75	37 91	38 60	F0 69	SET 1X2 STK., FL.
BLUE TOPS 15' N ON ℄ TANK			4 06	38 60	38 60	GR	SET 1X2 STK., BLUE TOP ON GRADE
15' So " " "			4 06	38 60	38 60	GR	" " " " " "
15' E " " "			4 06	38 60	38 60	GR	" " " " " " "
T.P.	4 32	2342 08	4 90	2337 76			
BM "H8-DIV"	4 84	2341 78	5 14	2336 94			B.M. "H8-DIV" EL = 2337.130 (F.B. 1873-251) AVE. H-8 & DIVISION ST., N.E. COR BT SPK IN SO SIDE P.P. # 1162430E
BM "DIV-H8"	6 71	2342 22	6 27	2335 51			BM "DIV-H8 EL = 2335.525 (F.B. 1873-251) (FOR LOC & DESC. SEE PG 75)
BM "0+00E"			4 79	2337 43			BM "0+00E" EL = 2337.45 (F.B. 1873-254) DIVISION ST. (ON ℄) AT 130' SO ℄ INT AVE H-8 (1/4 SEC COR) SPK & TIN IN PAV., FL

F. B. 2292 PG. 76
Job No. 5142.88 Division No. Notes Red. Plotted Profile
Survey of TANK FILL - WELL # 14 Date Date No. X-Sec.
Survey by MACK Notes M Notes Chkd. Checked
Indexed C. Johnson Date 9-10-58 Date Date No.

F. B. 2292 Pg. 77

Profile No. | Notes Red | Plotted | Job No. 1996.14 | Division No.
Date | Date | Survey of NORBERRY ST. WATERMAIN
X-Sec. No. | Notes Chkd. | Checked | Survey by MACK | Notes M | Date 9-12-58
Date | Date | Map No. | Indexed C. Johnson 9-17-58

J.N. 1996.14

PROFILE & CROSS SECTIONS

ON

NORBERRY ST.

BET. TREVOR AVE. & DIVISION ST.

FOR GRADE OF

NORBERRY ST. WATERMAIN

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

PARTY
MACK
HALISCKY
RITTER
TALBOT
H.E. MITCHELL

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76L-298 S & E #307—1-56

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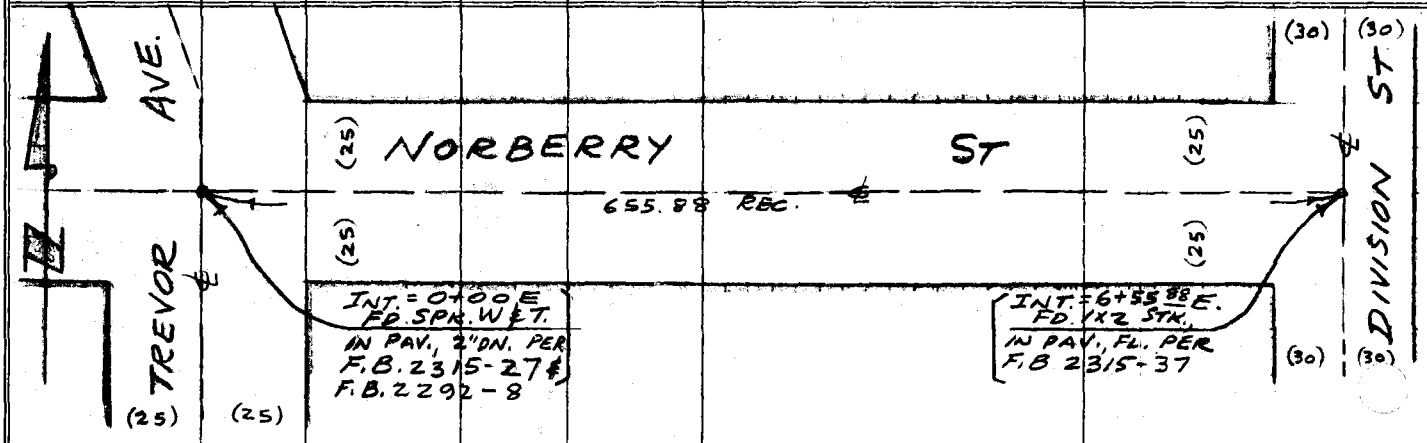
STATION	B. S.	H. I.	F. S.	ELEV.	
					
BM 6+55^{5} W (INT)	3 14	2375 19		2372 05	BM 6+55^{5} W. EL = 2372.05 (F.B. 2292-11) OVINGTON ST. & TREVOR AVE. AT ℄ INT. SPK W & T. IN PAV. AT ℄ INT
B.M 10+61^{33} INT	3 15	2373 01	533	2369 86	B.M 10+61^{33} INT EL = 2369.85 (F.B. 1814-64 F.B 2238-48) TREVOR AVE. & OLDFIELD ST. AT ℄ INT SPK. W. & T. IN PAV., FL. AT ℄ INT.
T.P.	5 02	2372 98	5 05	2367 96	BT. SPK @ ℄ INT. NUGENT ST. & TREVOR AVE
TBM #1	6 16	2376 56	2 58	2370 40	T.B.M #1 — NORBERRY ST & TREVOR AVE. N.E. COR. LG. BT. SPK & WASHER IN SO SIDE TEL. POLE #K 5797Y

F. B. 2292 PG. 78
Job No. 1996.14 Division No. Notes Red Plotted Profile
Survey of NORBERRY ST. WATERMAIN Date Date No.
Survey by MACK Notes 9-12-58 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.	CROSS SECTIONS - NORBERRY ST.	
		237656				
0+00 E. (INT.)			929	236727	℄ INT. NORBERRY ST & TREVOR AVE.,	PAV
			949	6707	25' N. ON ℄ TREVOR AVE. @ ¼ PT.,	PAV.
			917	6739	25' So " " " " "	
			913	6743	50' So " " " " "	
			922	6734	100' So " " " " "	
0+15 E			993	6663	℄ NORBERRY ST., X-GUT. F.L.,	PAV.
			1004	6652	25' N, X-GUT. F.L.,	PAV
			978	6678	25' So " " " "	
0+30 E			81	685	℄ NORBERRY ST	
			65	701	25' N	
			70	696	25' So	
0+50 E			67	699	℄ NORBERRY ST	
			67	699	25' N	
			68	698	25' So	
0+75 E			58	708	℄ NORBERRY ST	
			58	708	25' N	
			65	701	25' So	
1+00 E			55	711	℄ NORBERRY ST	
			56	710	25' N	
			60	706	25' So	

Profile Notes Red. Plotted Job No. 1996.14 Division No.
No. X-Sec. Date Date Survey of NORBERRY ST. WATERMAIN
Notes Chkd. Checked Survey by MACK Notes M Date 9-12-58
No. Date Date Map No. Index C. Johnson
F. B. 2292 PG. 79

76L-295 S & E #307—1-56

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F. B. 2292 Pg. 80 | Job No. 1996.14 | Division No. | Notes Red. | Plotted | Profile
Survey of NORBERRY ST WATERMAIN | Date | Date | No.
Survey by MACK | Notes | Notes Chkd | Checked | X-Sec.
Indexed C. Johnson | Date 9-12-58 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	CROSS SECTIONS - NORBERRY ST
		2376.56			
1+50 E			53	2371.3	℄ NORBERRY ST
			46	720	25' N
			49	717	25' So.
2+00 E			48	718	℄ NORBERRY ST.
			47	719	25' N
			35	731	25' So.
2+50 E			50	716	℄ NORBERRY ST
			52	714	25' N
			55	711	25' So
T.P.	3.73	2375.31	4.98	2371.58	T.P.
3+00 E			41	712	℄ NORBERRY ST
			45	708	25' N
			34	719	25' So
3+50 E			49	704	℄ NORBERRY ST.
			43	710	25' N
			43	710	25' So
4+00 E			50	703	℄ NORBERRY ST
			42	711	25' N
			48	705	25' So
4+50 E			49	704	℄ NORBERRY ST.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		237531				
4+50 E			43	23710	25'N	
			46	707	25'So	
5+00 E			46	707	℄ NORBERRY ST	
			44	709	25'N	
			40	713	25'So	
5+50 E			49	704	℄ NORBERRY ST	
			44	709	25'N	
			39	714	25'So	
6+00 E	554	237607	478	237053	℄ NORBERRY ST	
			46	715	25'N	
			50	711	25'So.	
6+25 88/ E			52	709	℄ NORBERRY ST.	
			47	714	25'N	
			48	713	25'So	
6+40 88/ E			47	714	℄ NORBERRY ST	
			50	711	25'N	
			46	715	25'So	
6+55 88/ E. (INT.)			408	7199	℄ INT. NORBERRY ST & DIVISION ST., PAV.	
			425	7182	25'N ON ℄ DIVISION ST., PAV.	
			446	7161	25'So " " " " "	

Profile Notes Red ____ Plotted ____ Job No. 1996.14 Division No. ____
No. X-Sec. ____ Date ____ Date ____ Survey of NORBERRY ST. WATERMAIN
Notes Chkd ____ Checked ____ Survey by MACK Notes C. JOHNSON Date 9-12-58
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 2292 Pg. 81

76L J S & E #307—1-58

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STATION	B. S.	H. I.	F. S.	ELEV.	
		237607			
6+55.88 E. (INT.)			484	237123	100' N ON ℄ DIVISION ST., PAV
			385	7222	25' So " " " " "
			366	7241	50' So " " " " "
			325	7282	100' So " " " " "
TBM # 2	508	237727	388	237219	T.B.M. # 2 DIVISION ST & NORBERRY ST., N.W. COR LG. BT. SPK & WASHER IN SO. SIDE TEL. POLE # 851 R/T
T.P.	630	238046	31	237416	T.P
TP	515	238153	408	237638	T.P
T.P.	546	238275	424	237729	T.P
TP	761	238698	338	237937	T.P
BM # J-2	606	238867	437	238261	BM # J-2 ELEV. = 2382.498 (L.B. 763-37) AVE. J & DIVISION ST. AT ℄ INT. (SEC. COR.) TOP BRASS CAP, C.S. MON. IN WELL
TP	297	238479	685	238182	T.P
T.P.	230	237987	722	237757	T.P
B.M 6+55.5 W (INT.)			781	237206	BM 6+55.5 W ELEV. = 2372.05 (F.B. 2292 - 11 OVINGTON ST & TREVOR AVE AT ℄ INT. SPK. W&T IN PAV. AT ℄ INT

F. B. 2292 Pg. 82
Job No. 1996.14 Division No. Notes Red Plotted Profile
Survey of NORBERRY ST. WATERMAIN Date Date No.
Survey by MACK Notes M Notes Chkd Checked X-Sec.
Indexed Date 9-12-58 Date Date No.

Notes Ck'd by J. AJA	Survey of WELL SITE "C"
Map No. AC 99-35	JN 5244.01 Tape 151 Std 84 °F
Office Work M. HAMASU	Surveyed by J.S. COATES
Checked	Notes J.S.C. Date 10-22-58
Date	Indexed [illegible] 11-17-58

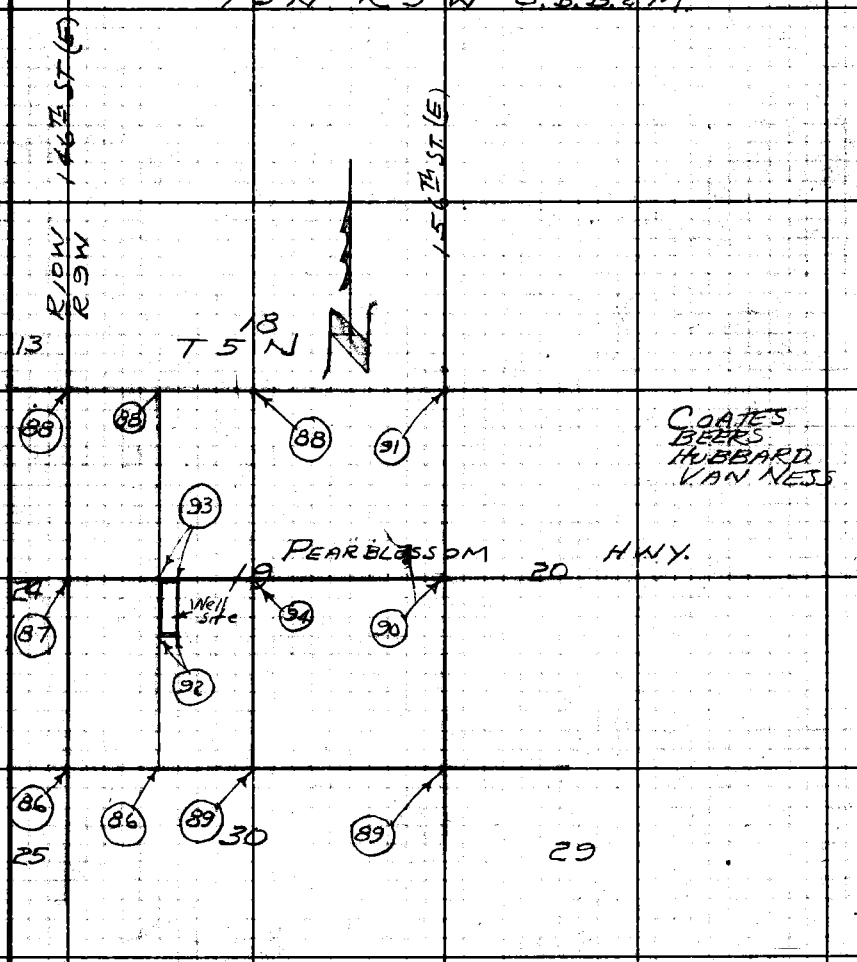
F.B. 2292 Pg. 85

WS 66-D-5

J.N. 5244.01
WELL SITE "C"

COUNTY WATERWORKS DIST. #24

The westerly 100' of the northerly 4[illegible]' of Lot 1 in the S.W. 1/4 of fractional Sect. 19 T5N R9W S.B.B.&M.



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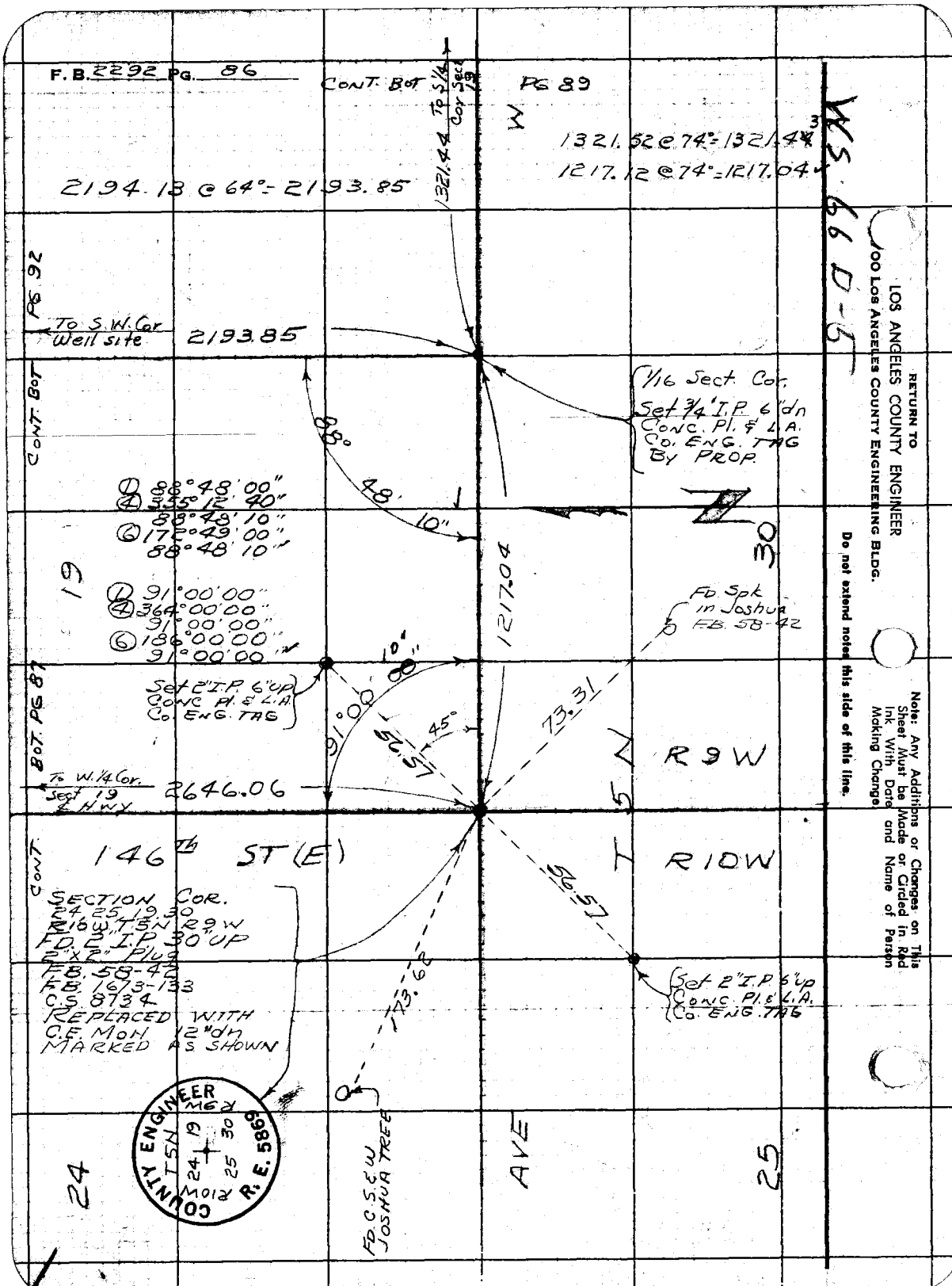
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53


F.B. 2292 PG. 86
CONT. BOT
PG 89
To S 1/4 Cor Sect 19
1321.44
1321.52 @ 74° = 1321.43
1217.12 @ 74° = 1217.04
2194.13 @ 64° = 2193.85
PG 92
To S.W. Cor Well site
2193.85
CONT. BOT
1/16 Sect. Cor.
Set 3/4" I.P. 6" dn
Conc. Pl. & L.A.
Co. ENG. TAG
By PROP.
88°
48'
10"
① 88°48'00"
④ 355°12'40"
88°48'10"
⑥ 172°49'00"
88°48'10"
19
30
1217.04
① 91°00'00"
④ 364°00'00"
91°00'00"
⑥ 186°00'00"
91°00'00"
Fd. Spk in Joshua F.B. 58-42
Set 2" I.P. 6" up
Conc. Pl. & L.A.
Co. ENG. TAG
10"
00"
91°00'
56.57
45°
73.31
BOT. PG 87
To W. 1/4 Cor. Sect 19 ℄ HWY
2646.06
T 5 N
R 9 W
146th ST (E)
R 10 W
CONT.
SECTION COR.
24, 25, 19, 30
R10W, T5N, R9W
FD. 2" I.P. 30" UP
2"x2" Plug
F.B. 58-42
F.B. 1673-133
C.S. 8734
REPLACED WITH
C.E. MON 12" dn
MARKED AS SHOWN
56.57
173.62
Set 2" I.P. 6" up
Conc. Pl. & L.A.
Co. ENG. TAG
COUNTY ENGINEER
T5N
R9W
R10W
24
19
25
30
R. E. 5869
FD. C.S. & W
JOSHUA TREE
AVE
24
25
WS 66 D-5
RETURN TO
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Notes Ck'd by J. AJA	Survey of WELL SITE "C"	F. B. 2292 PG. 87
Map No. HL 99-35	JN 5244.01 Tape 151 Std. 84 °F	
Office Work M. HAMASU	Surveyed by J.S. COATES	
Checked	Notes J.S.C. Date 10-23-58	
Date	Indexed K. C. Johnson	

WS 660-5

CONT. RT. SIDE BOT. PG 88

T 5 N R 9 W

① 91°06'00"
④ 364°24'00"
91°06'00"
⑥ 186°36'00"
91°06'00"

FD. Spk & W in Joshua tree Lieing down, but still connected with stump on one side. reset tree in position

R 10 W

FD 2"x2" & Nail Flush FB 61-54

To N.W. Cor Sect. 19

2644.59

FD. C.S & T IN Greasewood

1207.78 @ 70° = 1207.67

Set 2" I.P. 6" UP Conc. Pl. & TAG L.A. Co. ENG

57.31

91°

PEARBLOSSOM HWY (138)

0.38

56.57

30.03

45°

1207.67

To B.S.W.T @ 1/16 Cor.

SIDE PG 93

CONT. LEFT

(30)

115.40

(30)

Set N&T in Tel. Pole #495018H

159.12

67.60

56.57 TAN

AVE

V8

R.P. Set 2" I.P. 6" up Conc. Pl. & TAG L.A. Co. ENG

24

19

W 1/4 Sect. Cor. 19
T5N R 9 & 10 W
FD. 2" I.P. 12" dn
2"x2" & Nail Plug
FB. 61-54
R.D.P.B. FR 137-57
C.S. 8061-1
REPLACED WITH
C.E. MON. IN H.H.
Marked as Shown

2646.06

2646.37 @ 66° = 2646.06

Set N&T. Tel. Pole R #423371H

To Sect Cor S.W. Cor. 19

COUNTY ENGINEER
R 10 W T5N R 9 W
24 + 19
1/4 COR
R. E. 5869

FROM LEFT SIDE BOT. PG 8

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

763098 CE #247—7-53

F.B. 2292 PG. 88

Set BS&W Joshua tree

CONT. LEFT SIDE PG. 91

① 88°43'00"
④ 354°55'30"
88°43'52½"
⑥ 172°23'20"
88°43'53½"

To NE Cor Sect. 19

2645.61
F.B. 1262/10

88°43'55"

1271.24

151TH ST. (E)

Set BS&W Joshua tree

194.27

N1/4 COR SECT 19
FD. C.S. MON 6"UP
F.B. 1262-10
MARKED AS SHOWN

223.5

1322.75
78 adj

Set Spk & Tin Joshua tree

SURVEYOR
T5N
18 + 19
R9W
COUNTY

1/4 COR
RE 2177

AVE

P.O.T.
1"X2" & N

R9W

N1/16 SECT COR
SET ¾" I.P. 6" dn
CONC. Pl. & L.A. Co
Eng. tag
By Prop

Set 2" I.P. 12" up
CONC. Pl. & L.A.
Co. Eng. tag

1322.95 @ 70° = 1322.75
1198.51 @ 70° = 1198.40

1198.40
45 adj

90°53'25"
F.B. 1262-10

42.43

38.66

65'

① 88°55'00"
④ 355°59'40"
88°54'55"
⑥ 173°29'40"
88°54'56½"

FD. C.S. in Juniper tree
F.B. 58-42
2644.59

To W 1/4 Sect 19

Set 2" I.P. 12" up
CONC. Pl. & L.A.
Co. Eng. tag

42.43

146TH ST (E)

SECTION COR
13, 24, 18 & 19
T5N R9 & 10W
FD. 2" I.P. 12" UP
IN MOUND OF Rock
3' ACROSS base
F.B. 58-42
F.B. 1262-10
C.S. 8734

REPLACED WITH
C.E. MON 12" dn
Marked as shown

110.55

2644.90 @ 66° = 2644.59

COUNTY ENGINEER
T5N
18 19
24
R10W
M621
R.E. 5899

Set B.S.&W in JOSHUA TREE

13

24

R10W

CONT. TOP PG. 94

CONT. TOP PG. 93

CONT. TOP PG. 87

FROM TOP

S-D-99 MS

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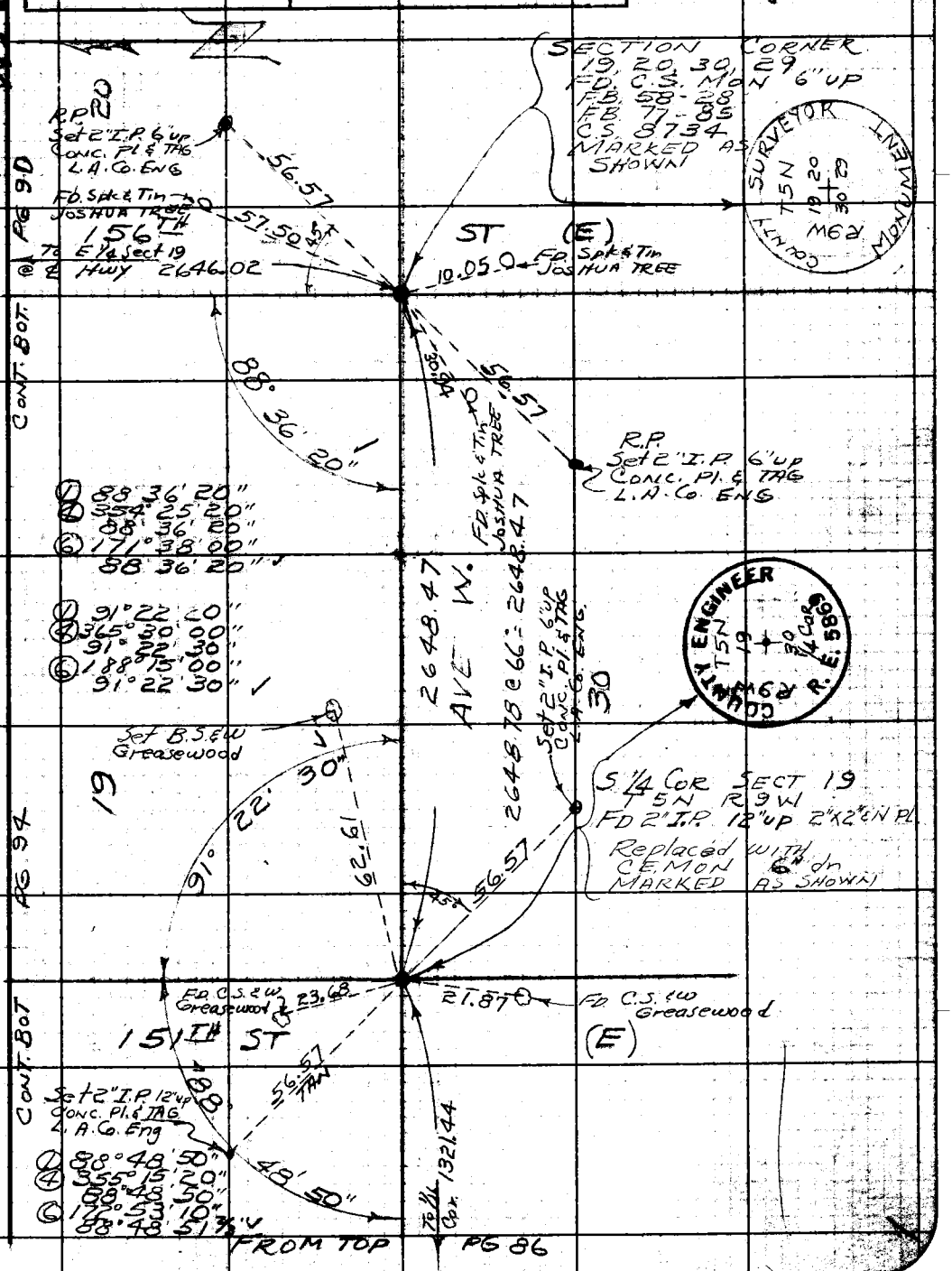
Notes Ck'd by J. AJA	Survey of Well Site "C"	F.B. 2292 Pg. 89
Map No. A.C. 99-35	JN 52440 Tape 151 Std. 84 °F	
Office Work M. Hamasy	Surveyed by J.S. Coates	
Checked	Notes J.S.C. Date 10-23-58	
Date	Indexed A. C. Johnson	



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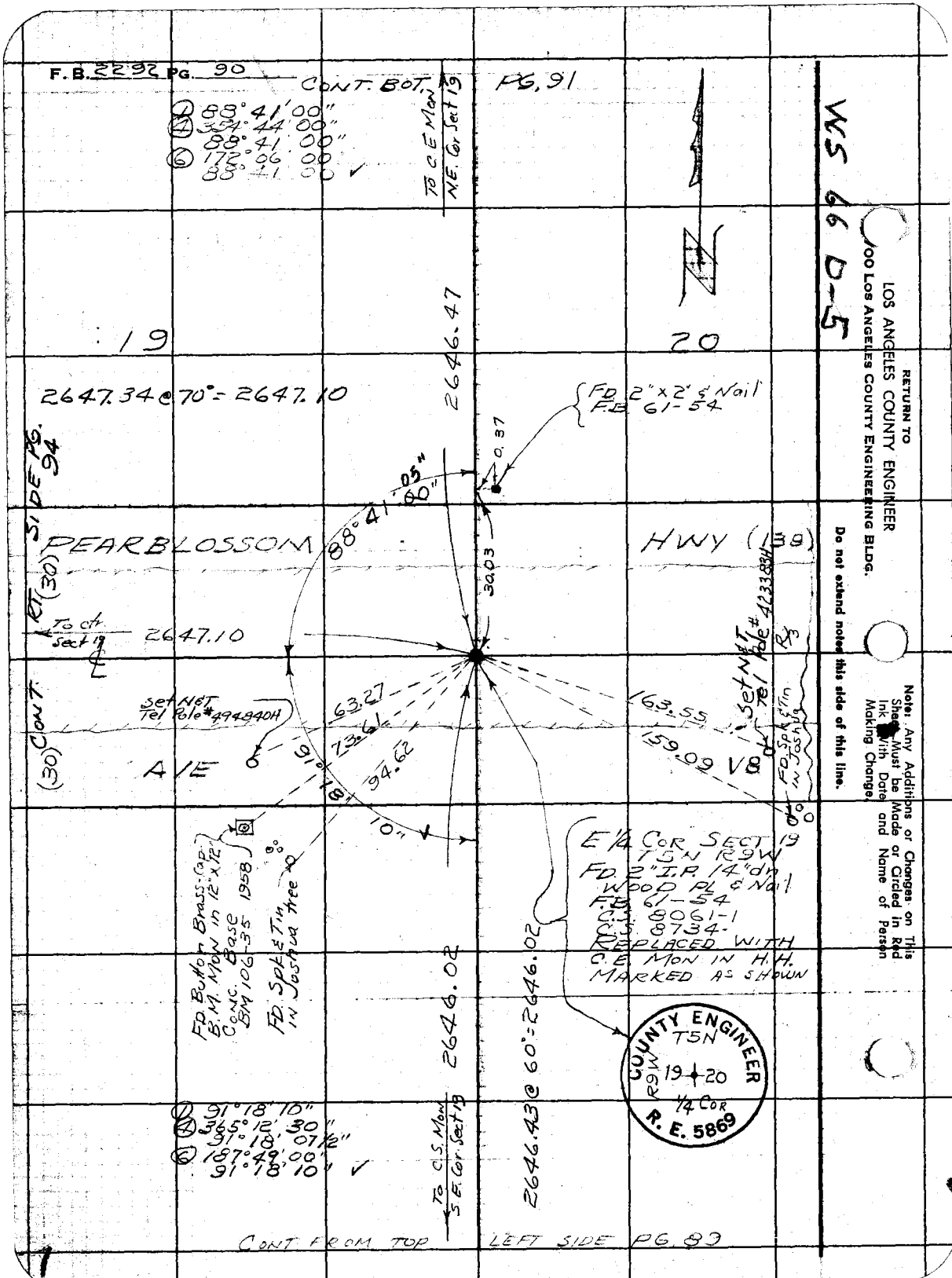
1000 Los Angeles County Engineering Bldg.

763098 CE #247—7-53


F.B. 2292 PG. 90
CONT. BOT. PG. 91
① 88°41'00"
④ 354°44'00"
88°41'00"
⑥ 172°06'00"
88°41'00" ✓
TO C.E. Mon N.E. Cor Sect 19
WS 66 D-5
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.
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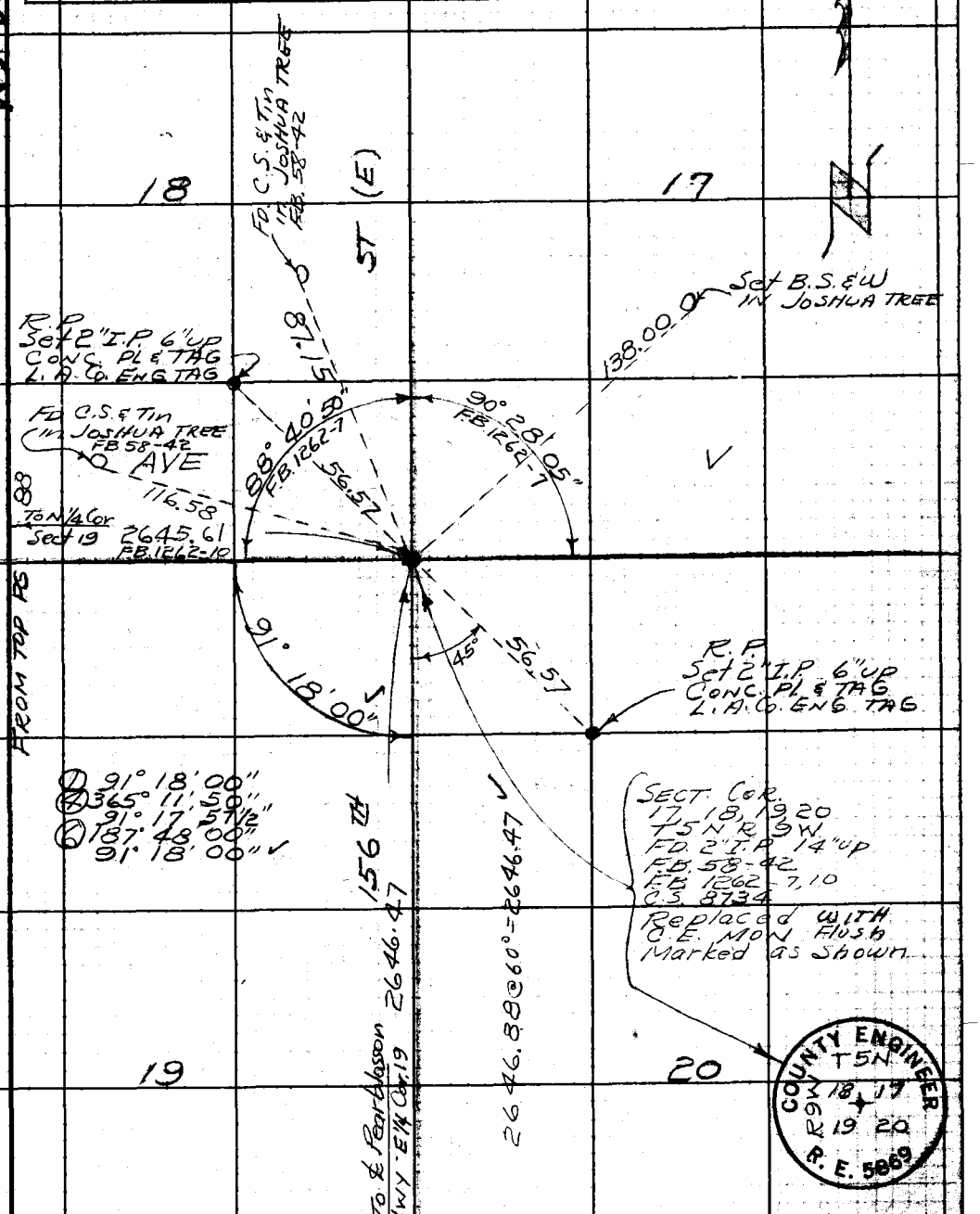
19
20
2646.47
2647.34 @ 70° = 2647.10
FD. 2"x2" & Nail F.B. 61-54
0.37
SIDE PG. 94
88°41'05"
00"
PEARBLOSSOM
HWY (138)
30.03
RT (30)
To ct. Sect 19
2647.10
Set N&T Tel Pole # 4233 83H
Set N&T Tel Pole # 494940H
63.27
73.61
94.62
163.55
159.09
V8
FD. Spk & Tin in Joshua
CONT. (30)
A/E
91°18'10"
FD. Button Brass-Cap B.M. Mon in 12"x12" Conc. Base BM 106-35 1958
FD. Spk & Tin in Joshua tree
E 1/4 COR SECT 19 T5N R9W
FD. 2" I.P. 14" dn WOOD PL & Nail F.B. 61-54
C.S. 8061-1
C.S. 8734-
REPLACED WITH C.E. MON IN H.H. MARKED AS SHOWN
COUNTY ENGINEER
T5N
R9W
19 20
1/4 COR
R. E. 5869
2646.02
2646.43 @ 60° = 2646.02
① 91°18'10"
④ 365°12'30"
91°18'07 1/2"
⑥ 187°49'00"
91°18'10" ✓
TO C.S. Mon S.E. Cor Sect 19
CONT FROM TOP LEFT SIDE PG. 89

Notes Ck'd by J. AJA	Survey of WELL SITE 'C'	F. B. 2292 Pg. 91
Map No. WC 99-36	JN 5244.01 Tape 151 Std 84° °F	
Office Work M. Hamasu	Surveyed by J.S. Coates	
Checked	Notes J.S.C. Date 10-24-58	
Date	Indexed A. C. Johnson	

WS. 66 D-5



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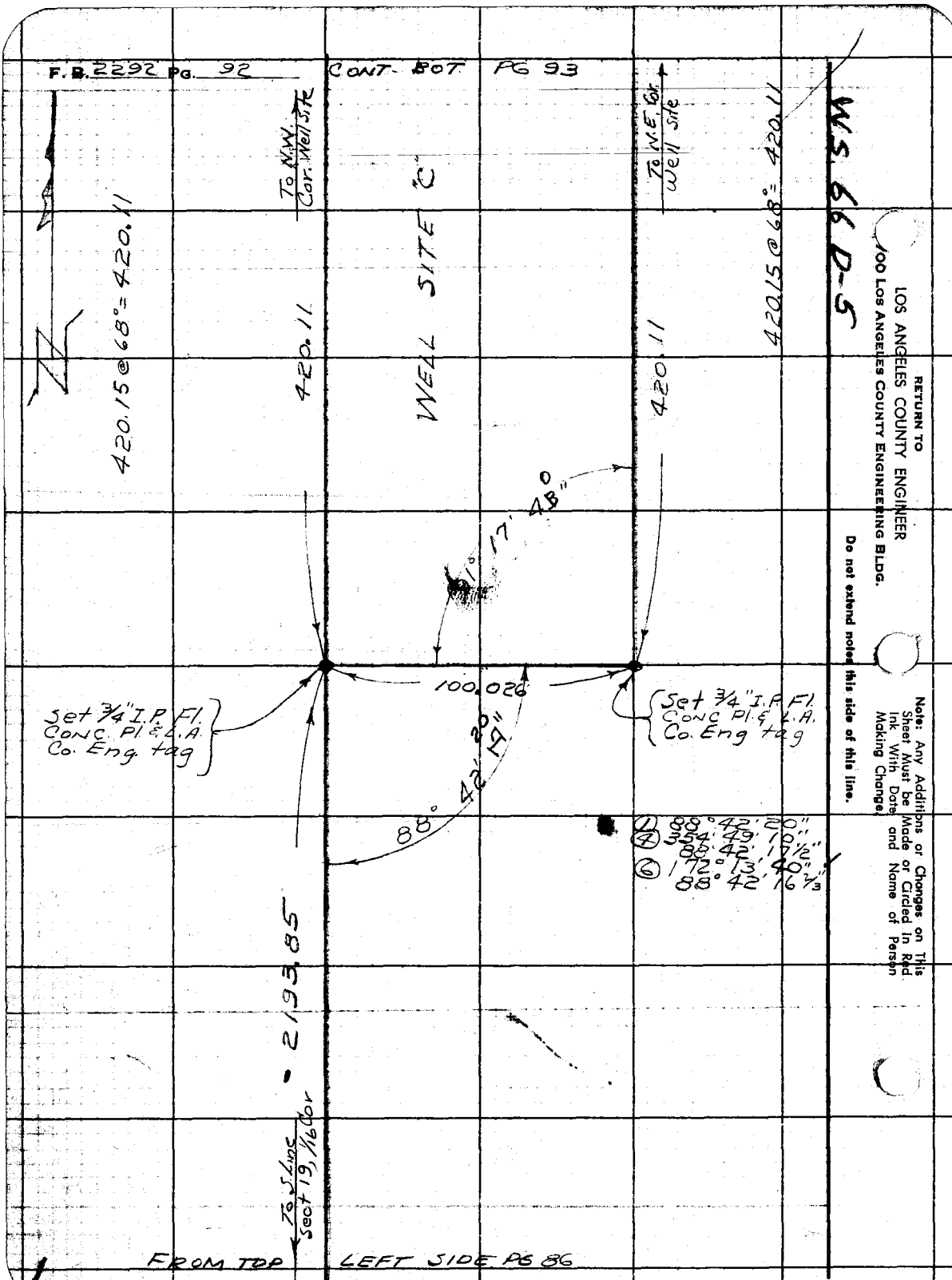
700 Los Angeles County Engineering Bldg.

763098 CE #247—7-53

F.B. 2292 Pg. 92 CONT. BOT PG 93



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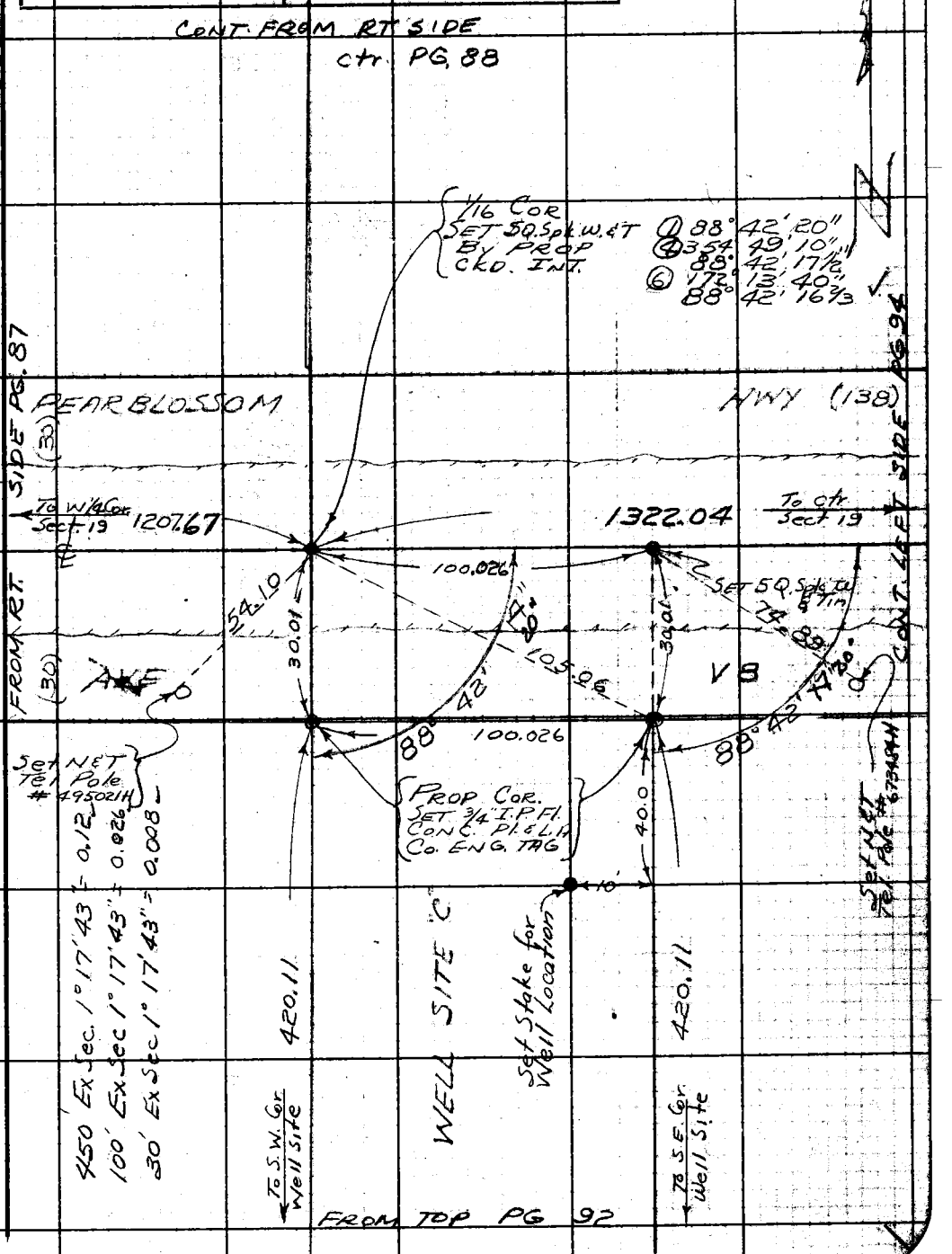
Note: Any Additions or Changes on This Sheet Must be Made or Circled In Red Ink With Date and Name of Person Making Change.

Notes Ck'd by L. AJA	Survey of WELL SITE "C"	F. B 2292 Pg. 93
Map No. H.C. 99-35	JN 5244.01 Tape 151 Std. 84 °F	
Office Work M. Hamasu	Surveyed by J.S. Coates	
Checked	Notes J.S.C. Date 10-24-58	
Date	Indexed A. C. Johnson	

WS 66-12-5



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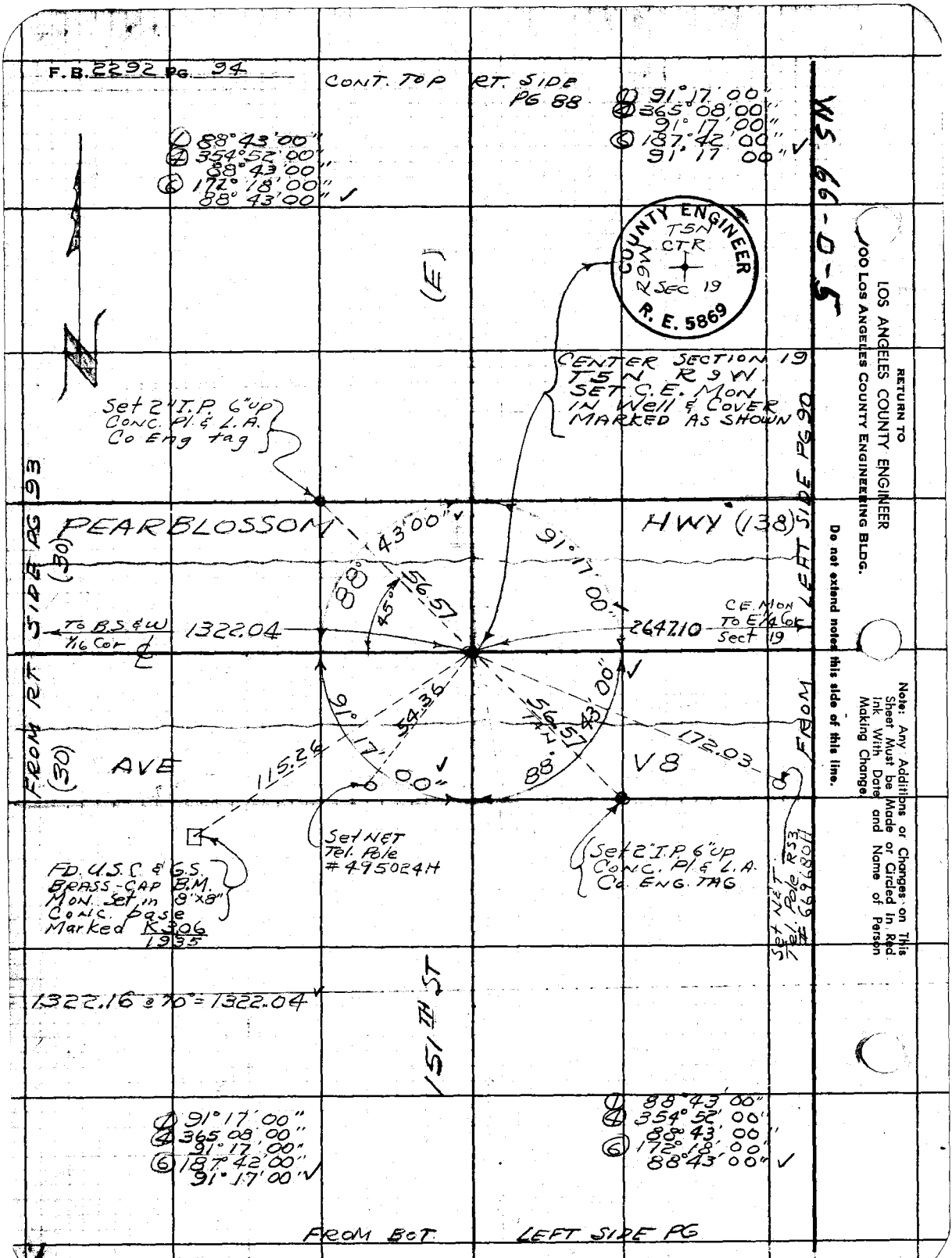
763098 CE #247—7-53


F.B. 2292 PG. 94
CONT. TOP RT. SIDE PG 88
① 91° 17' 00"
④ 365° 08' 00"
91° 17' 00"
⑥ 187° 42' 00"
91° 17' 00" ✓
① 88° 43' 00"
④ 354° 52' 00"
88° 43' 00"
⑥ 172° 18' 00"
88° 43' 00" ✓
WS 66-D-5
COUNTY ENGINEER
T5N
CTR
R9W
SEC 19
R. E. 5869
(E)
CENTER SECTION 19
T5N R9W
SET C.E. MON
IN Well & COVER
MARKED AS SHOWN
Set 2" I.P. 6" up
Conc. Pl. & L.A.
Co Eng tag
FROM RT. SIDE PG 93
(30)
PEARBLOSSOM
HWY (138)
LEFT SIDE PG 90
43' 00" ✓
91° 17' 00"
88°
45°
56.57
TO B.S. & W
1/16 Cor ℄
1322.04
2647.10
C.E. Mon
To E 1/4 Cor
Sect 19
91° 17' 00"
54.36
56.57
43' 00" ✓
88°
172.03
115.26
AVE
V8
FROM
(30)
Set NET
Tel. Pole
495024H
Set 2" I.P. 6" up
Conc. Pl. & L.A.
Co. ENG. TAG
FD. U.S.C. & G.S.
BRASS-CAP B.M.
MON. Set in 8"x8"
Conc. base
Marked K306
1935
Set NET
Tel. Pole RS3
669680H
1322.16 @ 70° = 1322.04 ✓
151TH ST
① 91° 17' 00"
④ 365 08' 00"
91° 17' 00"
⑥ 187° 42' 00"
91° 17' 00" ✓
① 88° 43' 00"
④ 354° 52' 00"
88° 43' 00"
⑥ 172° 18' 00"
88° 43' 00" ✓
FROM BOT. LEFT SIDE PG
RETURN TO
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Profile No.	Notes Red.	Plotted	Job No. 544.01	Division No.	F. B. 2292 Pg. 95
	Date	Date	Survey of WELL SITE "C"		
X-Sec. No.	Notes Chkd. J. AJA	Checked	Survey by J.S.COATES	Notes J.S.C.	Date 11-12-58
	Date	Date	Map No.	Indexed C. Johnson	

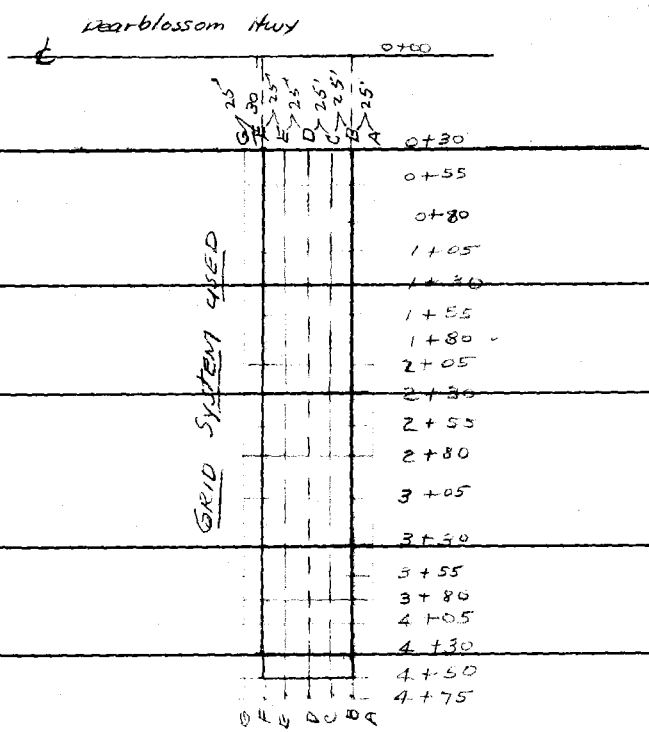
J.N 544.01

WELL SITE "C"

BENCH MARK ELEVATIONS & CROSS-SECTIONS

ON WELL SITE LOT

COATES
BEERS
HUBBARD
VAN NESS



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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM 106-34				3161.545	BM 106-34 (U.S.C & G.S. K 306, 1935) Elev. 3161.545 (1946 Adj.) Unadjusted field Elev. 3161.284 E. of Pearblossom on Pearblossom Hwy (State 138) 1.9 mi. E. of 131st St. (E) 34.5' S. of Cth. pav. 62' S.W. of Tel pole #493024H A Std U.S.C & G.S. brass-disc stamped K 306, 1935 in top of a 8" Conc post 5" above ground	
	3123	3164.668				
T.P.			4362	3160.306		
	4434	3164.746				
TP			5705	3159.035		
	4799	3163.834				
TP			4798	3159.036		
	5009	3164.045				
TBM #1			2760	3161.285	TBM #1 Elev. Pearblossom Hwy (State 138) 1.75 mi E. of 131st St. (E) (S.S. side) Bt. Spk. in Tel pole #673484H 75± E. of N.E. Cor. Well Site "C"	FB. 2292-96
	1205	3162.490				
T.P.			5919	3156.571		
	4423	3160.994				
TP			5062	3155.932		
	3318	3159.250				
T.P.			5524	3153.726		
	3578	3157.304				
T.P.			6331	3150.973		
	2946	3153.919				
T.B.M #2			6275	3147.644	T.B.M #2 Elev. Pearblossom Hwy (State 138) on ℄ @ W¼ Cor Sect 19 T5N R9W, 1.5 mi. E. 131st St. (E) Top. C.E. Mon in Well and Cover	FB. 2292 -

F. B. 2292 Pg. 96 | Job No. 5244.01 | Division No. | Notes Red. | Plotted | Profile

Survey of Well Site "C" | Date | No. | X-Sec.

Survey by J.S. Coates | Notes J.S.C. | Notes Chkd. J. AJA | Checked

Indexed C. Johnson | Date | Date | No.

76298 S & E #307—7-55

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LOS ANGELES COUNTY ENGINEER
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.		
TBM#2				3147.644		
	5.008	3152.652				
TP			5.607	3147.045		
	3.079	3150.124				
TP			6.232	3143.892		
	3.693	3147.585				
TP			6.033	3141.552		
	3.425	3144.977				
TP			5.684	3139.293		
	3.459	3142.752				
TP			5.623	3137.129		
	3.585	3140.714				
TP			5.943	3134.771		
	3.199	3137.970				
TP			6.113	3131.857		
	3.293	3135.150				
TP			5.534	3129.616		
	4.013	3133.629				
FD BM106-33			5.314	3128.315	BM 106-33 Unadjusted Field Elev. 3128.049 F.B. 2418 E. of Pearblossom on State Hwy 138 1.05 mi. E. of 131st St. (E) 45' S. of ℄ of Pav. 23' S of tel. pole # 423366H a Std Co. Eng B.M. brass Cap stamped "BM 106-33 1958 RE 5869" in the top of a 12 inch Conc Post 4" above ground	

Profile Notes Red. ____ Plotted ____ Job No. 5244.01 Division No. ____ F. B. 2292 Pg. 97
No. ____ Date ____ Date ____ Survey of Well Site "C"
X-Sec. Notes Chkd. L ASA Checked ____ Survey by JS Coate Notes JSC Date 11-12-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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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.		
		CROSS	-SECTION		OF LOT	
T.B.M #1					TBM #1 Elev. 3161.285 F.B. 2292-96 Pearblossom Hwy (State 138) 1.75 mi E. of 131st St (E) (S. Side) Bt-Spk. in Tel Pole #673484H 75'± E. of N.E. Cor. Well Site "C"	
0+00 B				315862	on ℄ Hwy	
"	50' E			5901	"	
"	100' E			5916	"	
"	50' W			5809	"	
0+00 F				5764	"	
"	50' W			5694	"	
"	100' W			5666	"	
0+10.5 B				5849	on S. edge pav	
"	50' E			5893	"	
"	100' E			5913	"	
"	50' W			5786	"	
0+10.5 F				5735	"	
"	50' W			5668	"	
"	100' W			5650	"	
0+17.5 A				585	on S.	
" B				582		
" C				580		
" D				577		

F. B. 2292 Pg. 98 Job No. 5244.01 Division No. Notes Red. Plotted Profile
Survey of WELL SITE "C" Date Date No.
Survey by J S COATES Notes J S C Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+17.5 E				3157.5	on S.	flow Line
" F				571	"	
" G				568	"	
0+20 A				594	on Top	bank S. Side Hwy
" B				597		"
" C				585		"
" D				580		"
" E				580		"
" F				587		"
" G				573		"
0+30 A				597	on S. P/L of Hwy	
" B				594	"	
" C				58.6	"	
" D				58.2		
" E				584		"
" F				590		"
" G				571		"
0+55 A				602		
" B				592		
" C				587		
" D				590		

Profile Notes Red. ____ Plotted ____ Job No. 52448 Division No. ____ F. B. 2292 PG. 99
No. ____ Date ____ Date ____ Survey of WELL SITE 'C'
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 11-13-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+55 E				594		
" F				590		
" G				578		
0+80 A				604		
" B				589		
" C				590		
" D				594		
" E				604		
" F				600		
" F+8				600		
" G				586		
1+05 A				609		
" B				600		
" C				597		
" D				610		
" E				612		
" F				603		
" G				596		
1+30 A				613		
" B				603		
" C				611		

F. B. 2292 Pg. 100 Job No. 52448 Division No. Notes Red. Plotted Profile
Survey of Well Site "C" Date Date No.
Survey by J.S. COATES Notes JSC Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+30 D				31618		
" E				615		
" F				603		
" G				594		
T.P.				316007		
1+55 A				618		
" B				605		
" C				619		
" D				619		
" E				619		
" F				608		
" G				601		
1+80 A				610		
" B				619		
" B+15				636		
" C				636		
" D				625		
" E				626		
" F				607		
" G				610		

Profile Notes Red. ____ Plotted ____ Job No. 5244.86 Division No. ____ F. B. 2292 Pg. 101
No. ____ Date ____ Date ____ Survey of Well Site "C"
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.S.C. Notes JSC Date 11-13-58
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
2+05	A				31615		
	B				630		
"	B+8				640		
"	C				640		
"	D				631		
"	E				629		
"	F				616		
"	G				610		
2+30	A				627		
"	A+10				619		
"	B				637		
"	C				642		
"	D				640		
"	E				632		
"	F				620		
"	G				621		
2+55	A				628		
	A+20				628		
"	B+12				650		
"	C				645		
"	D				641		
"	E				638		
"	F				624		

F. B. 2292 Pg. 102 Job No. 524401 Division No. Notes Red. Plotted Profile
Survey of Well Site "C" Date Date No.
Survey by J.S.C. Notes J.S.C. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
2+55 G				31622		
2+80 A				645		
" B				637		bot. draw
" B+10				654		Top bank
" C				650		
" D				649		
" E				637		
" F				622		Bot draw
" G				628		
3+05 A				647		
" B				643		draw
" C				655		
" D				655		
" D+10				651		Top of Slope
" E+10				631		Toe of Slope
" F				632		
G				636		
3+30 A				661		
A+12				649		Bot draw
B				660		Top slope
C				660		

Profile Notes Red. ____ Plotted ____ Job No. 5244-91 Division No. ____ F. B. 2292 Pg. 103
No. ____ Date ____ Date ____ Survey of Well Site "C"
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSGATES Notes JSC Date 11-13-58
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
A. B. Johnson

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
3+30 D				31659		
" D+15				657		Top Slope
" E				634		Toe "
" F				640		
" G				645		
3+55 A				655		bot draw
" B				667		
" C				664		
D				665		
" D+13				665		Top Slope
" E				640		Toe Slope
" F				649		
" G				645		
3+80 A				665		
" B				671		
" C				672		
" D				672		
D+10				679		Top slope
" E				644		Toe "
" F				650		
" G				652		
TP				316654		

F. B. 2292 Pg. 104 Job No. 5244.01 Division No. Notes Red. Plotted Profile
Survey of Well Site "C" Date Date No.
Survey by JSC Notes JSC Notes Chkd. Checked X-Sec.
Indexed R. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
4+05 A				31672		
" B				676		
" C				678		
D				679		Top Slope
E				650		Toe "
F				654		
G				664		
4+30 A				679		
B				678		
C				687		
C+15				686		Top Slope
D				666		Toe "
E				656		
F				663		
G				671		
4+50 A				685	on S. P/L of Well Site "C"	
B				681		(S.E. Cor)
C				680		Top Slope
D				670		Toe "
E				665		

Profile Notes Red. ____ Plotted ____ Job No. 5244.01 Division No. ____ F. B. 2292 Pg. 105
No. ____ Date ____ Date ____ Survey of Well Site "C"
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.S.C. Notes JSC Date 11-13-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
4+50 F				31665	(S.W. Cor) on S. P/L of Well Site "C"	
" G				671		
4+75 A				695		
" B				688		
" C				680		
" D				679		
" E				670		
" F				675		
" G				679		
T.P.				316248		
TBM#1				316128	TBM#1 Elev. 3161.285 F.B. 2292-96 Pearblossom Hwy (State 138) 175 mi E. of 131ST ST (E) (S. side) Bt. Spk. in Tel. Pole # 673484 H 75' ± E of N.E. Cor. Well Site "C"	

F. B. 2292 Pg. 106 Job No. 5244.01 Division No. Notes Red. Plotted Profile
Survey of WELL SITE "C" Date Date No.
Survey by J.S. COATES Notes JSC Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

Notes Ck'd by	Survey of AVE. I WATERMAIN	F. B. 2292 Pg. 109
Map No.	JN 5042.30 Tape 144 Std. 84 °F	
Office Work	Surveyed by MACK	
Checked	Notes M Date 11-18-58	
Date	Indexed K. C. Johnson	

J.N. 5042.30

AVE. I WATERMAIN

BET. SIERRA HWY. & 10th ST. W.

[1 GRADE SHEET SUPPLIED TO CONST. INSPECTOR IN FIELD. W MACK 11-19-58]

PARTY
MACK
HALISKY
RITTER
H.E. MITCHELL
TEMPLETON

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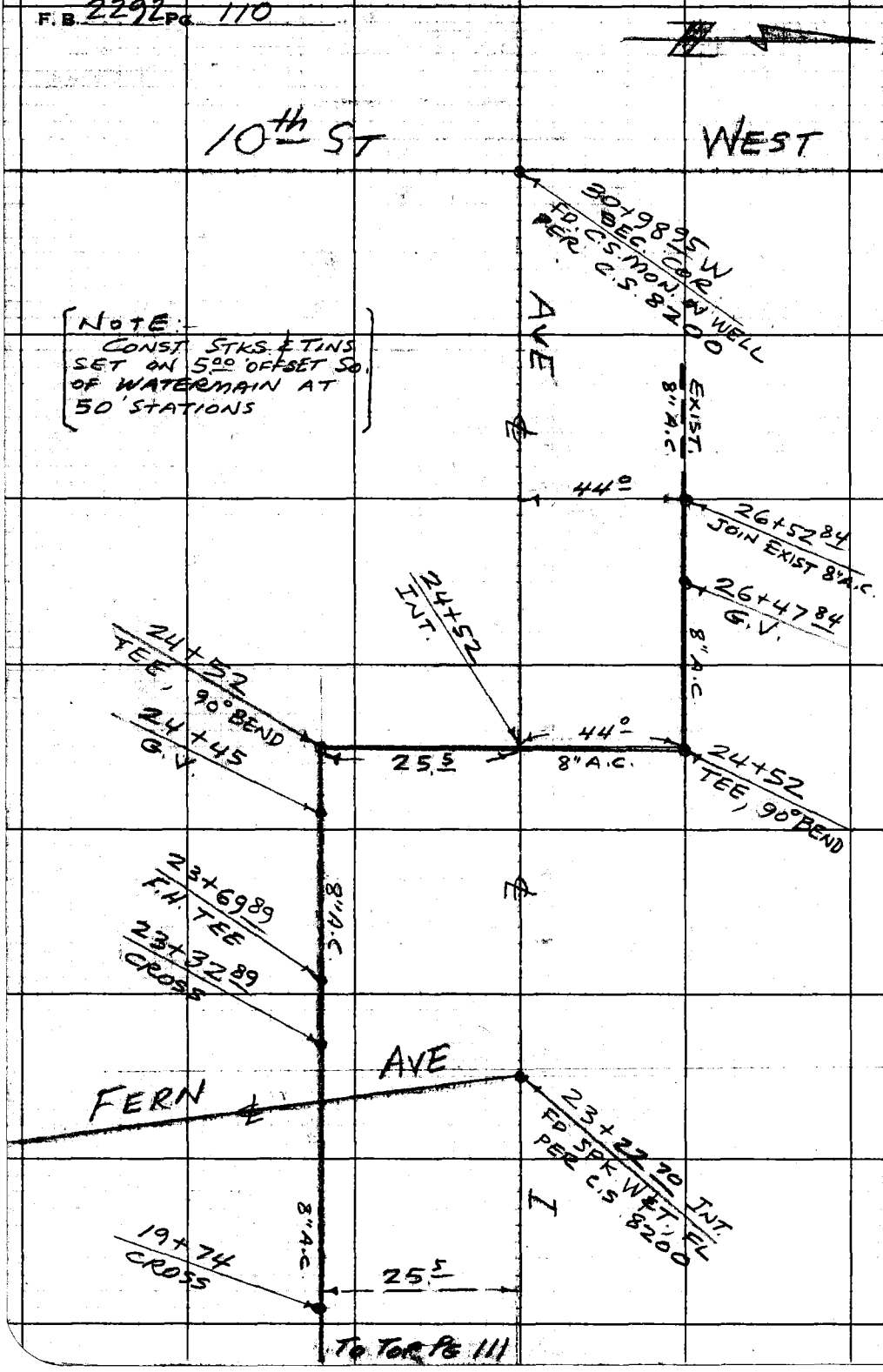
76F3095 CE #247—3-57

F.B. 2292 PG. 110



To Top Pg 111

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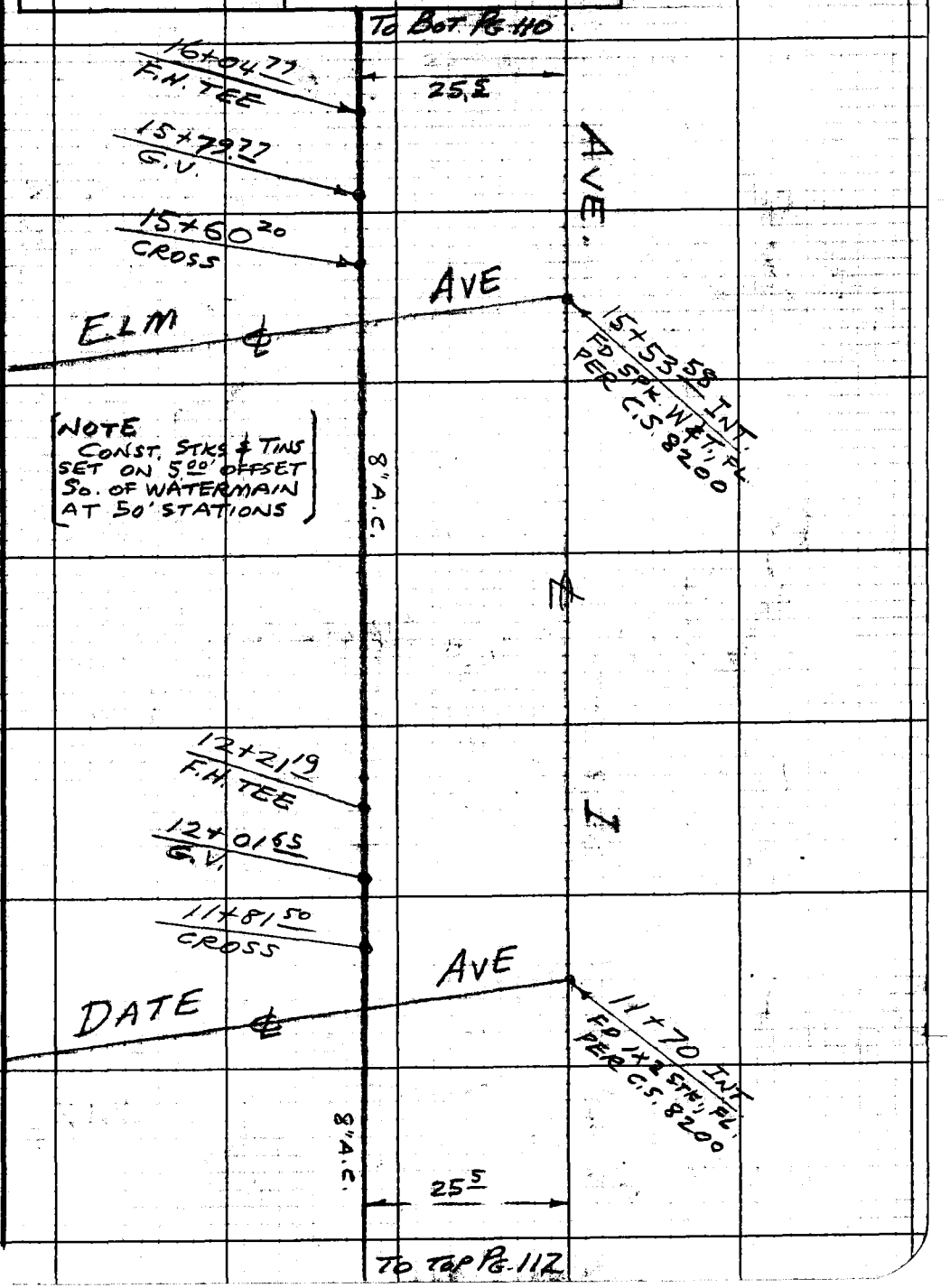
Notes Ck'd by	Survey of AVE. I WATERMAIN
Map No.	JN 5042.30 Tape 144 Std 84 °F
Office Work	Surveyed by MACK
Checked	Notes M Date 11-18-58
Date	Indexed A. C. Johnson

F.B. 2292 PG. 111



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700 Los Angeles County Engineering Bldg.

76F3095 CE #247—3-57

To Bot. Pg. 111

F.B. 2292 Pg. 112

8+62.67
F.H. TEE

25.5

8+12.67
G.V.

8" A.C.

7+98.15
CROSS

AVE.

CEDAR

7+86.48 = INT
FD 1"x2" STK L.L.
PER C.S. 8200

NOTE
CONST STKS & TINS
SET ON 5.00' OFFSET
So. OF WATERMAIN
AT 50' STATIONS

8" A.C.

AVE.

4+49.14
F.H. TEE

4+40.14
G.V.

BEECH AVE

4+14.94
CROSS

AVE.

BEECH

4+38.24 = 1/4 COR
3" DN
FD C.S. MON. 8200
PER C.S.

4+02.95 = INT
FD NAIL P.L. PER
C.S. 8200

8" A.C.

0+93.25
F.H. TEE

0+58.50
45° BEND

0+57
45° BEND

25.5

0+46.95
G.V.

27.0

8" A.C.

0+30.95
CROSS

6" C.I.

EXIST.

27.0

34.0

34.0

HWY.

SIERRA

0+00 W. INT.
FD 4 TAN SPIKE
WASHERS PR. PER
C.S. 8200

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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.	BOT. DITCH		CUT		AVE. I WATERMAIN
B.M.	475	2346.23		2341.48					BM EL=2341.476 RD DEPT L.B. 55 AVE I & SIERRA HWY. S.W. COR. L&T IN MCR. (PER C.I. 1320)
0+00 W		NOTE:- BOT OF DITCH TO BE 4.33' BELOW ℄ OF PAV. OF AVE I	—						℄ INT SIERRA HWY & AVE I
+30.95 (CROSS			—				JOIN		SET X IN CONC, 5'So OF ℄ WATERMAIN
			—						℄ AVE I, PAV
+46.95 G.V			4.03	42.20	36.82		5.38		SPK & TIN, 5'So
			5.08	41.15					℄
+57 (45° BEND)			4.22	42.01	36.90		5.11		5'So
			5.00	41.23					℄
+58.5 (45° BEND)			4.28	41.95	36.90		5.05		5'So
			5.00	41.23					℄
+93.25 F.H. TEE			4.66	41.57	36.87		4.70		5'So
			5.03	41.20					℄
1+00			4.76	41.47	36.83		4.64		5'So
			5.07	41.16					℄
+50	402	2344.94	5.31	2340.92	36.69		4.23		5'So
			3.92	41.02					℄
2+00			3.80	41.14	36.61		4.53		5'So
			4.00	40.94					℄
+50			4.20	40.74	36.47		4.27		5'So
			4.14	40.80					℄

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 5042.30 Survey of AVE. I WATERMAIN Survey by MACK Notes M. Date 11-18-58 Map No. Indexed C. Johnson Date Division No. F.B. 2292 Pg. 113

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	BOT. DITCH	CUT		
		234494						
3+00			410	234084	36 27	4 57	SPK & TIN,	5' So OF ℄ WATERMAIN
			434	4060			℄ AVE I	
+50			400	4094	36 06	4 88		5' So
			455	4039			℄	
4+00			505	3989	36 05	3 84		5' So
			456	4038			℄	
+14.94 CROSS			518	3976	36 03	3 73		5' So
			458	4036			℄	
+40.14 GV	444	234476	462	234032	36 03	4 29		5' So
			440	4036			℄	
+49.14 F.H. TEE			453	4023	36 00	4 23		5' So
			443	4033			℄	
5+00			464	4012	35 85	4 27		5' So
			458	4018			℄	
+50			434	4042	35 85	4 57		5' So
			458	4018			℄	
6+00			501	3975	35 69	4 06		5' So
			474	4002			℄	
+50			509	3967	35 60	4 07		5' So
			483	3993			℄	

F. B. 2292 Pg. 114
Job No. 5042.30 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of AVE I WATERMAIN Date ____ Date ____ No. ____
Survey by MACK Notes M Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed K. O. Johnson Date 11-18-58 Date ____ Date ____ No. ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	BOT DITCH	CUT		
		234476						
7+00			494	233982	35 47	4 35	SPK ℄ TIN,	5'So of ℄ WATERMAIN
			496	3980			℄ AVE I,	PAV.
+50			447	4029	35 40	4 89		5'So
			503	3973			℄	
+98.15 CROSS			570	3906	35 32	3 74		5'So
			511	3965			℄	
8+12.67 GV	374	234358	492	233984	35 32	4 52		5'So
			393	3965			℄	
+50			378	3980	35 27	4 53		5'So
			398	3960			℄	
+62.67 F.H.TEE			375	3983	35 25	4 58		5'So
			400	3958			℄	
9+00			388	3970	35 22	4 48		5'So
			403	3955			℄	
+50			413	3945	35 16	4 29		5'So
			409	3949			℄	
10+00			404	3954	35 01	4 53		5'So
			424	3934			℄	
+50			388	3970	34 78	4 92		5'So
			447	3911			℄	
11+00			400	3958	34 60	4 98		5'So
			465	3893			℄	

Profile Notes Red. ____ Plotted ____ Job No. 5042.30 Division No. ____ F. B. 2292 PG. 175
No. ____ Date ____ Date ____ Survey of AVE. I WATERMAIN
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 11-18-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	BOT DITCH	CUT		
		234358						
11+50	499	234340	517	233841	3461	380	SPK & TIN,	5' So OF ℄ WATERMAIN
			446	3894			℄ AVE I,	PAV
+81.50 CROSS			505	3835	3458	377		5' So
			449	3891			℄	
12+01.65 G.V			464	3876	3457	419		5' So
			450	3890			℄	
+21.19 F.H TEE			491	3849	3454	395		5' So
			453	3887			℄	
+50			458	3882	3450	432		5' So
			457	3883			℄	
13+00			454	3886	3446	440		5' So
			461	3879			℄	
+50			503	3837	3428	409		5' So
			479	3861			℄	
14+00			458	3882	3400	482		5' So
			507	3833			℄	
+50	371	234240	471	233869	3379	490		5' So
			428	3812			℄	
15+00			345	3895	3364	531	SET X IN CONC,	5' So
			443	3797			℄	

F. B. 2292 Pg. 116

Job No. 5042.30 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of AVE I WATERMAIN Date ____ Date ____ No. ____

Survey by MACK Notes M Notes Chkd ____ Checked ____ X-Sec. ____

Indexed C. Johnson Date 11-18-58 Date ____ Date ____ No. ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	BOT DITCH	CUT		
		2342 40						
15+50			482	233758	3363	395	SET SPK & TIN, 5'So OF ℄ WATERMAIN	
			444	3796			℄ AVE I, PAV	
+60 20 CROSS			494	3746	3364	382		5'So
			443	3797			℄	
+79 77 G.V			396	3844	3366	478		5'So
			441	3799			℄	
16+04 77 F.H TEE			448	3792	3361	431		5'So
			446	3794			℄	
+50			513	3727	3347	380		5'So
			460	3780			℄	
17+00			475	3765	3350	415		5'So
			457	3783			℄	
+50			471	3769	3334	435		5'So
			473	3767			℄	
18+00			424	3816	3322	494		5'So
			485	3755			℄	
+50			449	3791	3320	471		5'So
			487	3753			℄	
19+00	322	234125	437	233803	3298	505		5'So
			394	3731			℄	

Profile Notes Red. Plotted Job No. 5042.30 Division No.
No. Date Date Survey of AVE I WATERMAIN
X-Sec. Notes Chkd. Checked Survey by MACK Notes M Date 11-18-58
No. Date Date Map No. Index [illegible] C. Joh[illegible]

F. B. 2292 PG. 147

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	BOT DITCH	CUT		
		2341 25						
19+50			3 19	2338 06	32 80	5 26	SET SPK & TIN,	5'So OF ℄ WATERMAIN
			4 12	37 13			℄ AVE. I	
+74 CROSS			3 94	37 31	32 67	4 64		5'So
			4 25	37 00			℄	
20+00			4 68	36 57	32 52	4 05		5'So
			4 40	36 85			℄	
+50			4 02	37 23	32 30	4 93		5'So
			4 62	36 63			℄	
21+00			4 27	36 98	32 23	4 75		5'So
			4 69	36 56			℄	
+50			4 26	36 99	32 16	4 83		5'So
			4 76	36 49			℄	
+99			4 39	36 86	32 14	4 72		5'So
			4 78	36 47			℄	
22+50			4 50	36 75	32 12	4 63		5'So
			4 80	36 45			℄	
23+00	5 19	2340 92	5 52	2335 73	31 99	3 74		5'So
			4 60	36 32			℄	
+32 89 CROSS			5 17	35 75	31 88	3 87		5'So
			4 71	36 21			℄	

x x x

F. B. 2292 Pg. 118

Job No 504230 Division No. Notes Red Plotted Profile

Survey of AVE. I WATERMAIN Date Date No.

Survey by MACK Notes M Notes Chkd Checked X-Sec.

Index C. Jo[illegible] Date 11-18-58 Date Date No.

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BOT DITCH	CUT		
		2340 92						
23+69 89 F.H. TEE			462	2336 30	31 82	4 48	SPK & TIN,	5' So OF ℄ WATERMAIN
			477	36 15			℄ AVE I,	PAV
24+00			473	36 19	31 81	4 38		5 So
			478	36 14			℄	
+45 G.V			468	3624	31 71	4 53		5' So
			488	3604			℄	
+52 TEE 90° BEND (So. SIDE AVE I)			—					5' So
			—				℄	
			427	3665	31 70	4 95		5' W
℄ AVE I @ 5' W			489	2336 03			℄ AVE I,	SPK & TIN 5' W OF WATER MAIN
20' N ℄ AVE I							SPK & TIN	5' W OF ℄ WATERMAIN
24+52 TEE 90° BEND (N. SIDE AVE I)							" "	5' So " " "
+57							" "	5' So
25+00							" "	5' So
							℄ AVE I,	PAV
+50								5' So
							℄	
26+00								5' So
							℄	
+ 47 84 G.V.								5' So

CUTS DETERMINED IN FIELD BY CONST. INSPECTOR, 11-17-57

Profile Notes Red. ____ Plotted ____ Job No. 5042.30 Division No. ____
No. ____ Date ____ Date ____ Survey of AVE I WATERMAIN
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 11-18-58
No. ____ Date ____ Date ____ Map No. ____ Index C. Johnson

F. B. 2292 Pg. 119

F. B. 2292 Pg. 120

Job No. 504230 Division No. Notes Red Plotted Profile

Survey of AVE. I WATERMAIN Date Date No.

Survey by MACK Notes M Notes Chkd. Checked X-Sec.

Index C. JOHNSON Date 11-18-58 Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	BOT DITCH	CUT
26+47 84 G.V.						
+52 84 EXIST PIPE			—			
					JOIN	
						& AVE I, PAV

NOTE: GRADE SHEET PREPARED IN FIELD & SUPPLIED TO CONST INSPECTOR. ZMMACK 11-19-58

Do not extend notes this side of this line.

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76L-200 S & E #207—1-56

Notes Ck'd by	Survey of WELL SITE # 19
Map No.	JN 5234.00 Tape 144 Std 84 °F
Office Work L. L. GREEN	Surveyed by MACK
Checked	Notes m. Date 12-8-58
Date	Indexed J. C. Johnson 12-29-58

F. B. 2292 Pg. 121

J.N. 5234.00

WELL SITE #19

ON

DIVISION ST. (W. SIDE)

AT 900' NLY. OF ℄ AVE. K-8

PARTY
MACK
HALISCKY
RITTER
H.E. MITCHELL

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

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

76F309S CE #247—3-57

F.B. 2292 PG. 122

10th ST. WEST

SET SPK. IN PAV., FL. ON 15' OFFSET So.

15.00

90°

15' OFFSET So.

AVE.

1/4 COR. BET. SECS. 27, 28 T7N, R12W FD. C.S. MON., 2" I.P. IN CONC., 17" DN. PER C.S.B-831-2, WITH BRASS CAP MARKED

SET CAP & WELL OVER C.S. MON.

COUNTY SURVEYORS R12W T7N 28+27 1/4 Sec. Cor. MONUMENT

140.69 T74 = 140.68
2.68
138.00

FD. 2" I.P. CONC. PLUG & NAIL, 2" DN. TAGGED L.S. 2409.

5th ST. WEST

15.00

0.17

0.12

14.88

FD. 2X2 STK., 2" DN. TAGGED L.S. 2646

① 90-05-30
④ 360-22-00
90-05-30
⑥ 180-33-10
90-05-31⅓

K-8

⑥ 90-05-20
④ 360-21-30
90-05-22½
⑥ 180-32-30
90-05-25

90°05' 30"

1+43 W SET 1X2 STK. FL. CALC. DIST.

TRANSIT LINE 914.98 M

TO 1X2 STK., FL.

90°

90°

05' 25"

05' 25"

0+00N SET 1X1 STK. FL. ON 5' OFFSET W.

138.00

0+05 W SET SPK & TIN FL. BY INT.

15.00

0.89

15.01

5' OFFSET W. 924.70 M.

(40)

TO SPK & TIN FL.

DIVISION ST.

0.11

15.00

90°

SEC. LINE

924.70 CALC.

TO P.O.T. 1X2 STK., FL.

(40)

0+00 11 W. SET 1X1 STK. FL. ON 15' OFFSET So.

(40)

0+00N = 1/4 COR. BET. SECS. 26, 27 T7N, R12W FD. C.S. MON., 2" I.P. IN CONC., 12" DN. PER C.S.B-831-2, WITH BRASS CAP MARKED

COUNTY SURVEYORS R12W T7N 27+26 1/4 Sec. Cor. MONUMENT

924.77 T74 = 924.71
924.76 T74 = 924.70

TO UPPER LEFT SIDE PG. 123

TO LOWER LEFT SIDE PG. 123

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

Do not extend noted this side of this line.

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

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

Survey of WELL SITE # 19
JN 5234.00 Tape 144 Std. 84 °F
Surveyed by MARK
Notes M Date 12-8-58
Indexed C. Johnson

F.B. 2292 Pg. 123

915.06 T 70 = 914.68

① 90-05-20
④ 360-21-20
90-05-20
⑥ 180-32-20
90-05-23⅓

① 90-05-20
④ 360-21-50
90-05-27½
⑥ 180-32-40
90-05-26⅔

① 90-05-30
④ 360-21-40
90-05-25
⑥ 180-32-40
90-05-26⅔

① 90-05-40
④ 360-21-40
90-05-25
⑥ 180-32-40
90-05-25

TRANSIT LINE

SET 1X2 STK. FL. ON CALC. & FROM E.

SET 1X2 STK., FL.

914.98 M

3.00

50.00

90° 05' 25"

PROD.

SET 1X2 STK., FL.

S.W. LOT COR. SET C.E. MON. 2" I.P. IN CONC., 12" DN., WITH BRASS CAP MARKED CALC. & DIST. SET 1X1 STK. ON SURFACE

N.W. LOT COR. SET C.E. MON. 2" I.P. IN CONC., 12" DN. WITH BRASS CAP MARKED CALC. & DIST. SET 1X1 STK. ON SURFACE

20.00

15.00

CENTER PROPOSED WELL #19 SET STK. & TIN, FL.

WATER WELL SITE #19

N.E. LOT COR. SET C.E. MON. 2" I.P. IN CONC., 12" DN. WITH BRASS CAP MARKED CALC. & DIST. SET 1X1 STK. ON SURFACE

100.00

PROP. LINE PT. SET 1X2 STK., FL.

90°

50.00

35.00

05' 25"

24.71

25.29

5' OFFSET W.

924.70 M.

1718.45 M

SEC. LINE

924.70 CALC.

1748.45 CALC.

AT AVE. R

DIVISION ST.

TOWNSHIP PLANT 122

LOWER RIGHT STREET 124

(40)

COUNTY ENGINEER LOT COR. D-19 RE 5869

COUNTY ENGINEER LOT COR. C-19 RE 5869

COUNTY ENGINEER LOT COR. A-19 RE 5869

COUNTY ENGINEER LOT COR. B-19 RE 5869

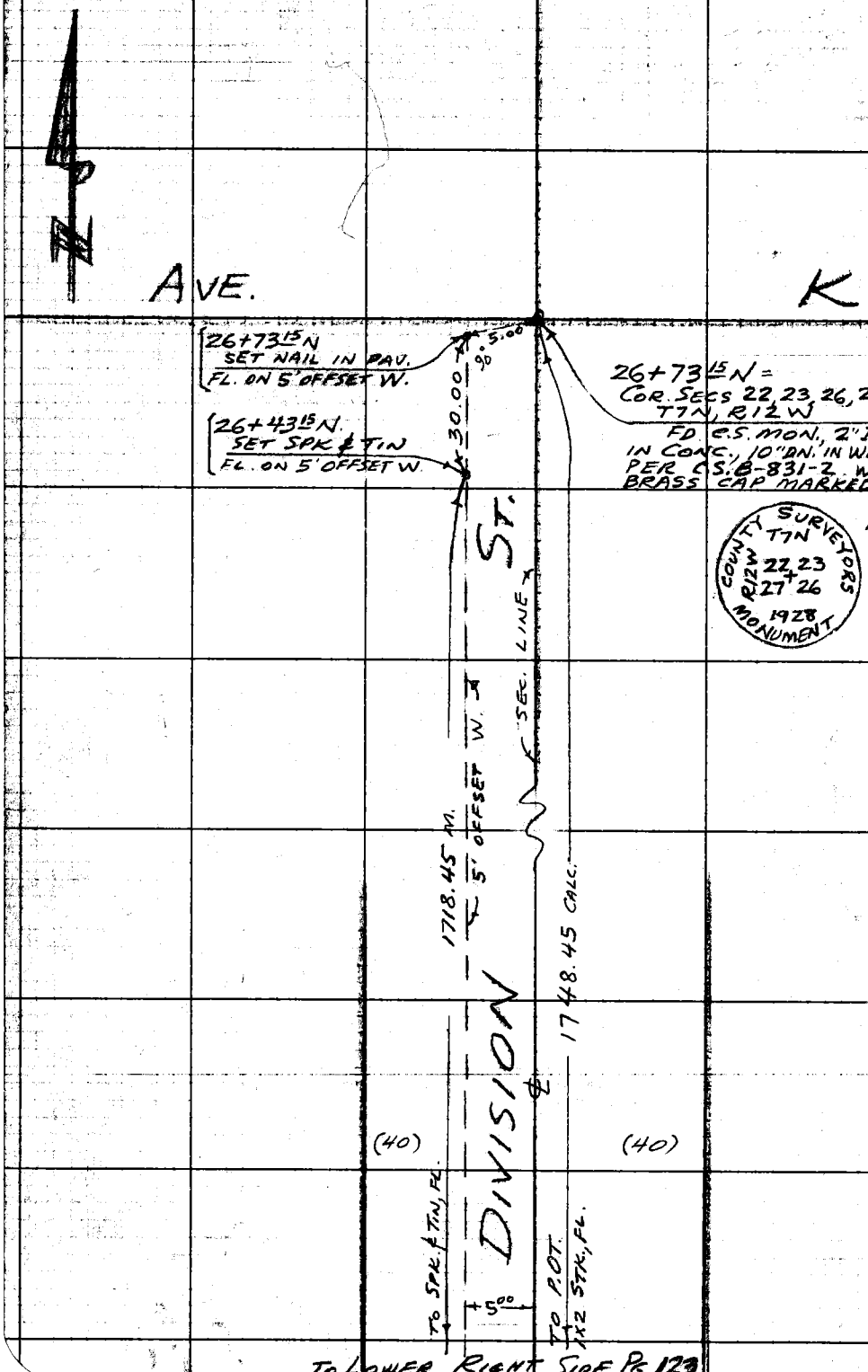
Note: Any Additions or Changes on This Sheet must be Made or Called in Red Ink with Date and Name of Person Making Change.

Do not remove from file or plot line.

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

7BF30BS CE #247 - 8-57

F. B. 2292 Pg. 124



TO LOWER RIGHT SIDE PG. 123

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

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

Notes Ck'd by	Survey of WELL #18 RESERVOIR
Map No.	JN 5042.88 Tape 14H Std 84 °F
Office Work	Surveyed by MACK
Checked	Notes M Date 1-26-59
Date	Indexed [redacted]

F. B. 2292 PG. 125

J.N. 5042.88

WELL #18 RESERVOIR

ON

AVE H-8 & 17th ST W.

PARTY
MACK
HALISCKY
RITTER
H.E. MITCHELL
TEMPLETON

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

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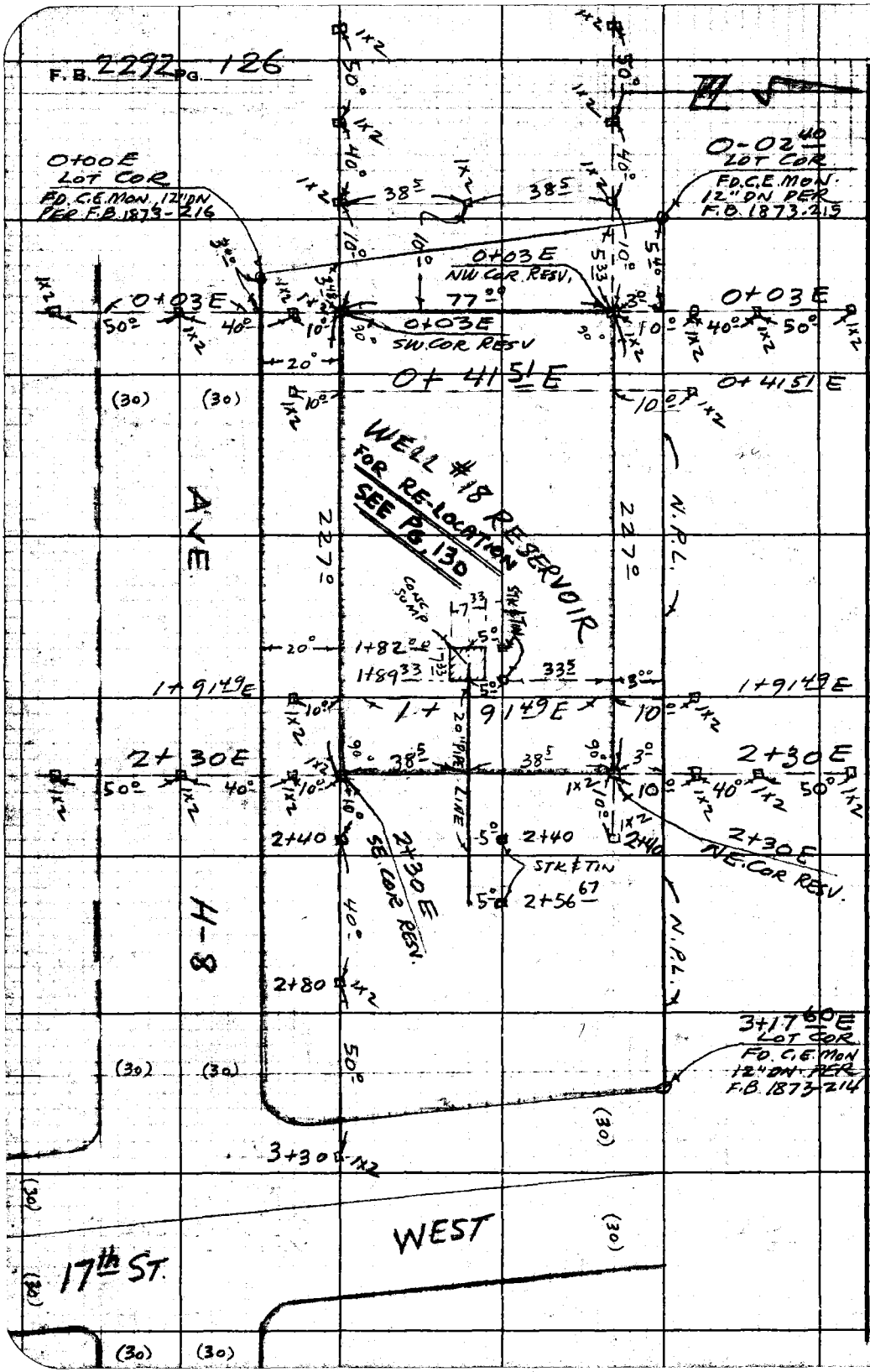
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53



RETURN TO
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900 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	F.L. GRADE	CUT / FILL	
BM W-1	5755	2322 12		2316 365			BM "W-1" EL=2316.~~465~~ 365 (F.B. 1873 -219) TOP C.E. MON. BR. CAP, 12" DN AT N.E. COR WELL SITE #18
	20" PIPLINE GRADE STAKES FOR RESERVOIR OUTLET (FLOW LINE)						
2+56.67 E			437	231775	229116	C 2659	STK & TIN, 5'N OF ℄ PIPE @ E. END
2+40 E			465	231747	229157	C 2590	" " 5'N " " " @ BOOSTER WELL #1
1+89.33 E			470	231742	229281	C 2461	" " 5'N " " " @ E. SIDE CONC. SUMP
1+ 82 E			479	231733	229299	C 2434	" " 5'N " " " @ W. SIDE CONC. SUMP
BM W-2			573	231639			BM W-2 EL=2316.380 (F.B. 1873 -219)
	RESERVOIR GRADE STAKES						
BM W-3			546	2316.66	TOP FOOTING GRADE		BM W-3 EL=2316.660 (F.B. 1873 -220)
BM W-5			522	231690			BM W-5 EL=2316.960 (F.B. 1873 -220)
NE COR RESV			185	2027	231740	C 287	10' N
			314	1898	1740	C 158	10' E
1+91.49 E			483	1729	1740	F 011	10' N
			474	1738	1740	F 002	10' So
0+41.51 E			479	1733	1740	F 007	10' N
			469	1743	1740	C 003	10 So
NW COR RESV			486	1726	1740	F 014	10' N
			479	1733	1740	F 007	10' W
℄ RESV			489	1723	1740	F 017	10' W

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5042.88 Division No. ____ F. B. 2292 Pg. 127
X-Sec. No. ____ Date ____ Date ____ Survey of WELL #18 RESERVOIR
Notes Chkd. ____ Checked ____ Survey by MACK Notes M Date 1-26-59
Date ____ Date ____ Map No. ____ Index ____ C. Johnson

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.	%	TOP FOOTING GRADE	CUT / FILL	
		232212						
SW COR RESV			467	231745		231740	C 005	10'W
" " "			477	1735		1740	F 005	10'So
SE COR RESV			419	1793		1740	C 053	10'So
" "			463	1749		1740	C 009	10'E
BM W-5	573	232264	521	231691				BM W-5 EL=2316.96 (F.B.1873-220)
BM #H8-17W			449	231815				BM #H8-17W EL=2318.175 (F.B.1873-219) AVE H-8 & 17th ST W, N.E. COR L&T IN CURB, 3'E OF E. END C.R.
BM #17W-H8			449	231815				BM #17W-H8 EL=2318.175 (F.B.1873-220) 17th ST W & AVE H-8, S.E. COR L&T IN CURB, 3'So OF S. END C.R
BM W-2	600	232238		231638				BM W-2 EL=2316.38 (F.B.1873-219)
BM W-3	573	232239	573	231666				BM W-3 EL=2316.66 (F.B.1873-220)
			499	231740				1X1 BLUE TOP STK = TOP FOOTING FIN. GR.
0+41.51 E			139	23085				BOT EXCAV. (W. END) PLAN ELEV= 2299.74
1+91.49 E			115	23109				BOT EXCAV. (E. END) PLAN ELEV= 2297.40
BM W-5			547	231692				BM W-5 EL=2316.96 (F.B.1873-220)

F. B. 2292 PG. 128

Job No 504288 Division No. Notes Red Plotted Profile
Survey of WELL #18 RESERVOIR Date Date No.
Survey by MACK Notes M Notes Chkd Checked X-Sec.
Indexed C. Johnson Date 1-26-59 Date Date No.

Notes Ck'd by	Survey of WELL #18 RESERVOIR
Map No.	JN 5042.88 Tape NW Std 84 °F
Office Work	Surveyed by MACK
Checked	Notes M Date 1-28-59
Date	Indexed C. Johnson

F. B. 2292 PG. 129

J.N. 5042.88

WELL #18 RESERVOIR RE-LOCATION

ON

AVE H-8 & 17th ST. W.

PARTY
MACK
HALISCKY
RITTER
H.E. MITCHELL
TEMPLETON

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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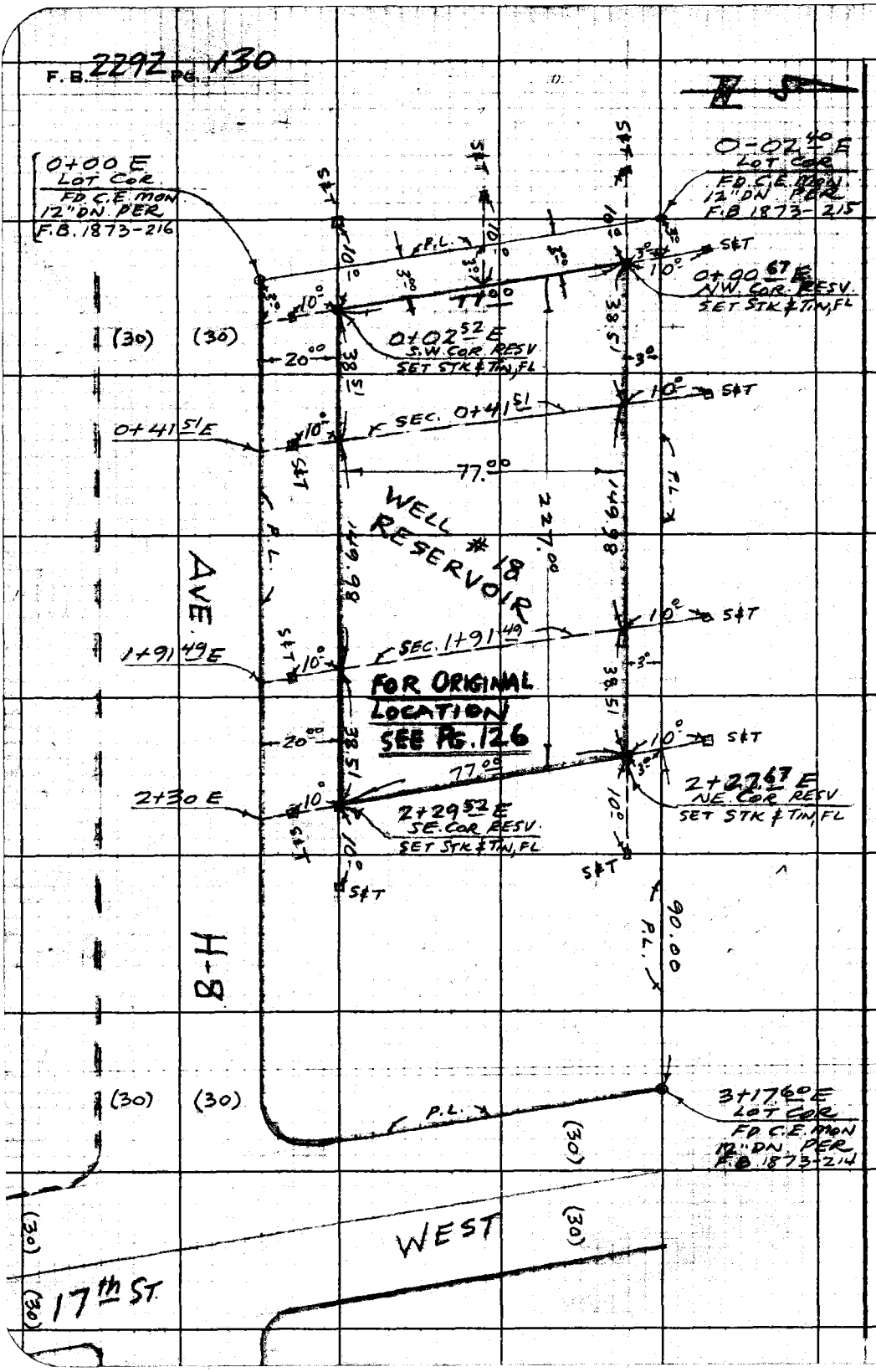
765095 CE #247—7-53

F.B. 2292 PG. 130



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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. B.	H. I.	F. S.	ELEV.	BOT. RESV. GRADE	CUT / FILL	
BM "W-3"	237	231903		2316.66			BM "W-3" EL=2316.66 (F.B. 1873 - 220)
BM "W-2"			265	2316.38			BM "W-2" EL=2316.38 (F.B. 1873 - 219)
1+91.49			252	2316.51	2317.40	F 0.89	1x2 STK, 6.17 So OF N.P.L
			801	2311.02	2309.18	C 1.84	18.51 So
			—		2300.96		30.85 So
			—		2300.96		52.15 So
			841	2310.62	2309.18	C 1.44	64.49 So
			277	2316.26	2317.40	F 1.14	76.83 So
T.P.	268	231330	841	2310.62			T.P 1x2 STK @ 52.15 So OF NPL
1+91.49			889	2304.41	2300.96	C 3.45	1x2 STK 30.85 So OF N.P.L
			904	2304.26	2300.96	C 3.30	52.15 So
T.B.M			229	2311.01			T.BM 1x2 STK @ 18.51 So OF NPL EL=2311.02

Profile Notes Red. Plotted Job No. 5042.88 Division No.
No. X-Sec. Date Date Survey of WELL #18 RESERVOIR
Notes Chkd. Checked Survey by MACK Notes M Date 1-30-57
No. Date Date Map No. Index [illegible]

F. B. 2292 Pg. 131

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.	% BOT. RESV GRADE	CUT / FILL	
BM W-3	133	2317 99		2316 66			BM "W-3" EL=2316.66 (F.B. 1873 -220)
BM W-2			161	2316 38			BM "W-2" EL=2316.38 (F.B. 1873 -219)
0+41 51	420	2315 07	712	2310 87	2311 52	F-065	11 98 So OF N. SIDE RESERVOIR
	839	2312 42	1104	2304 03	2305 64	F-161	20 80 So " " " "
			663	2305 79	2305 64	C-015	20 80 N OF So. SIDE RESERVOIR
	779	2318 73	148	2310 94	2311 52	F-058	11 98 N " " " "
BM W-3	215	2318 81	206	2316 ~~67~~ 66			BM W-3 EL=2316.66 (F.B 1873 -220)
1+91 49			876	2310 05	2309 18	C-087	15 51 So OF N. SIDE RESERVOIR
			—		2300 96		27 85 So " " "
			—		2300 96		27 85 N OF So SIDE RESERVOIR
	392	2313 49	924	2309 57	2309 18	C-039	15 51 N OF " " "
			999	2303 50	2300 96	C-254	27 85 N " " " "
			1000	2303 49	2300 96	C-253	27 85 So " N " "
			345	2310 04	—		15 51 So " N SIDE OF RESERVOIR EL=2310.05
0+41 51	139	2312 26	262	2310 87	—		11 98 So of N SIDE OF RESERVOIR EL=2310.87

20" PIPE LINE GRADE STAKES & SUMP ELEVATIONS

1+91 49			221	2310 05			STK & TIN, 15 51 So OF N. SIDE RESERVOIR EL=2310.05
1+82			1156	2300 70	2297 40	C-330	1x2 STK, 6' So OF SW. COR TOP OF SUMP
			1381	2298 45	2297 40	C-105	" " 6' W
			1093	2301 33	2297 40	C-393	" " 6' N " NW. COR
			1323	2299 03	2297 40	C-163	" " 6' W

NOTE: SUMP GRADES SHOWN ARE TO TOP OF CONC. FOOTING
PIPELINE GRADES SHOWN ARE TO F.L. = INVERT OF 20" PIPE

F. B. 2292 PG. 132
Job No. 5042.88 Division No. Notes Red. Plotted Profile
Survey of WELL #18 RESERVOIR Date Date No. X-Sec.
Survey by MACK Notes M Notes Chkd. Checked
Indexed C. Johnson Date 2-2-59 Date Date No.

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.					
		2312 26							
1+89 33			11 11	2301 15		2297 40	C-3 75	1x2 STK., 6' So of SE Cor Top of Sump	
			14 29	2297 97		2297 40	C-0 57	" " 6' E " " " "	
			10 92	2301 34		2297 40	C-3 94	6' N " NE Cor " "	
			13 47	2298 79		2297 40	C-1 39	6' E " " " "	
1+84 82 (CTR OF 20" PIPE)			13 09	2299 17		2292 90	C-6 27	SPK & TIN 6' N of 20" PIPE (F.L.)	
1+85 66 (CTR OF SUMP)			—			2292 88		— — — — —	
2+ 00			13 29	2298 97	2.41%	2292 53	C-6 44	6 N	(F.L.)
+ 20			9 13	2303 13		2292 05	C-11 08	6 N	(F.L.)
T.P.	10 84	2320 41	2 69	2309 57					
+ 40 (BOOSTER WELL #1)			—			2291 57		— — — — —	
+ 45			9 74	2310 67		2291 45	C-19 22	STK & TIN 6' N	(F.L.)
+ 56 67 (E. END OF PIPE)			9 58	2310 83		2291 17	C-19 66	6 N	(F.L.)
									EL = 2310.05
1+91 49			10 36	2310 05				STK & TIN, 15 51 So of N. SIDE RESERVOIR	

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 5042.88 Division No. Survey of WELL #18 RESERVOIR Survey by MACK Notes M Date 2-5-59 Map No. Indexed C. Johnson Date

F. B. 2292 Pg. 133

Notes Ck'd by	Survey of DIV. ST. WATERMAIN
Map No.	JN 5232/9 Tape Std °F
Office Work	Surveyed by S. HALISCKY
Checked	Notes S. H. Date
Date	Indexed C. Johnson

F. B. 2292 PG. 135

JN. 5232.19

DIVISION ST WATERMAIN

FROM

AVE K NLY 1317.16' TO EXIST. LINE

CONST STKS. & GR.

PARTY:

HALISCKY
RITTER
TALBOT
MITCHELL
TEMPLETON

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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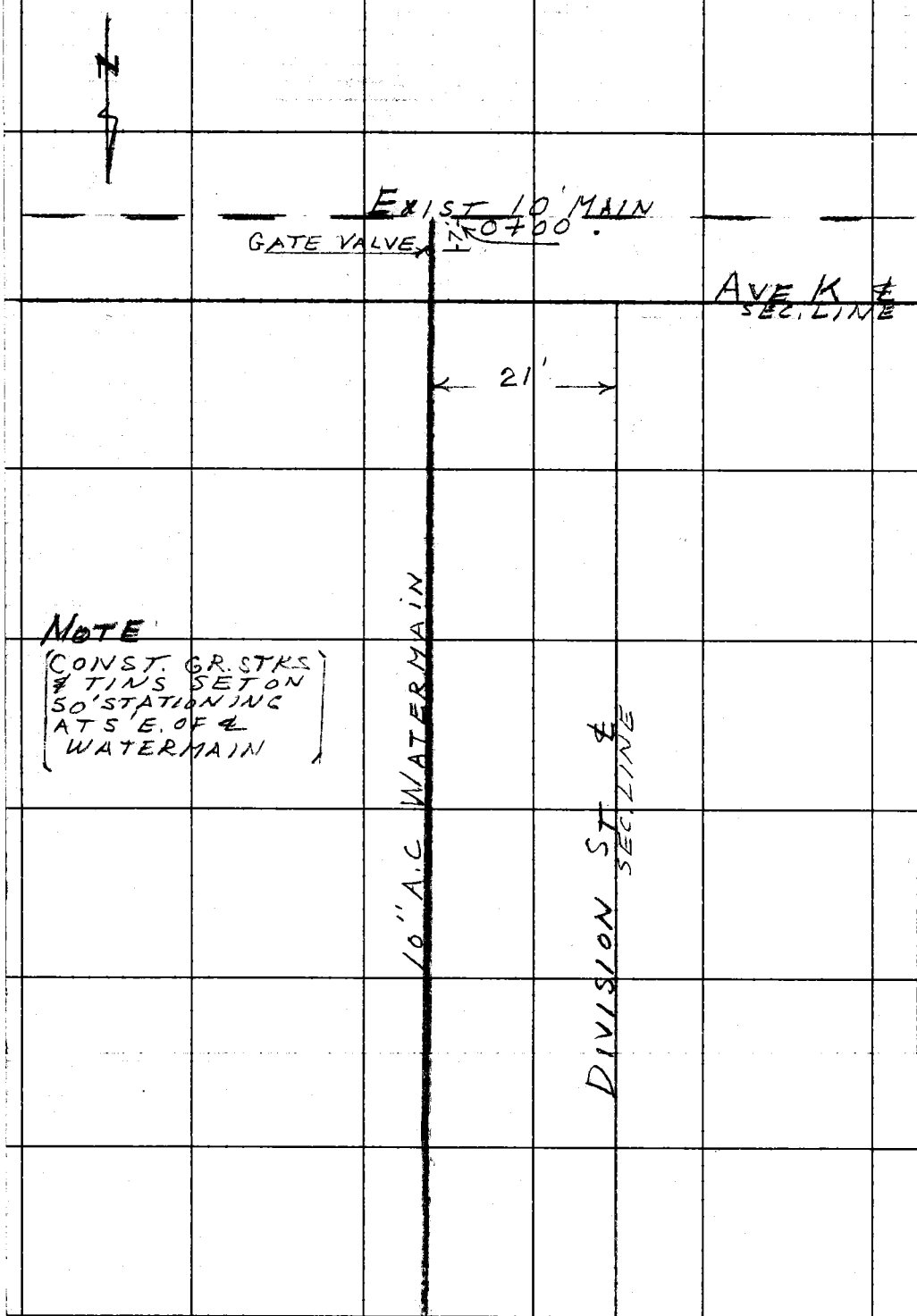
76F309S CE #247—3-57

F.B. 2292 PG. 136



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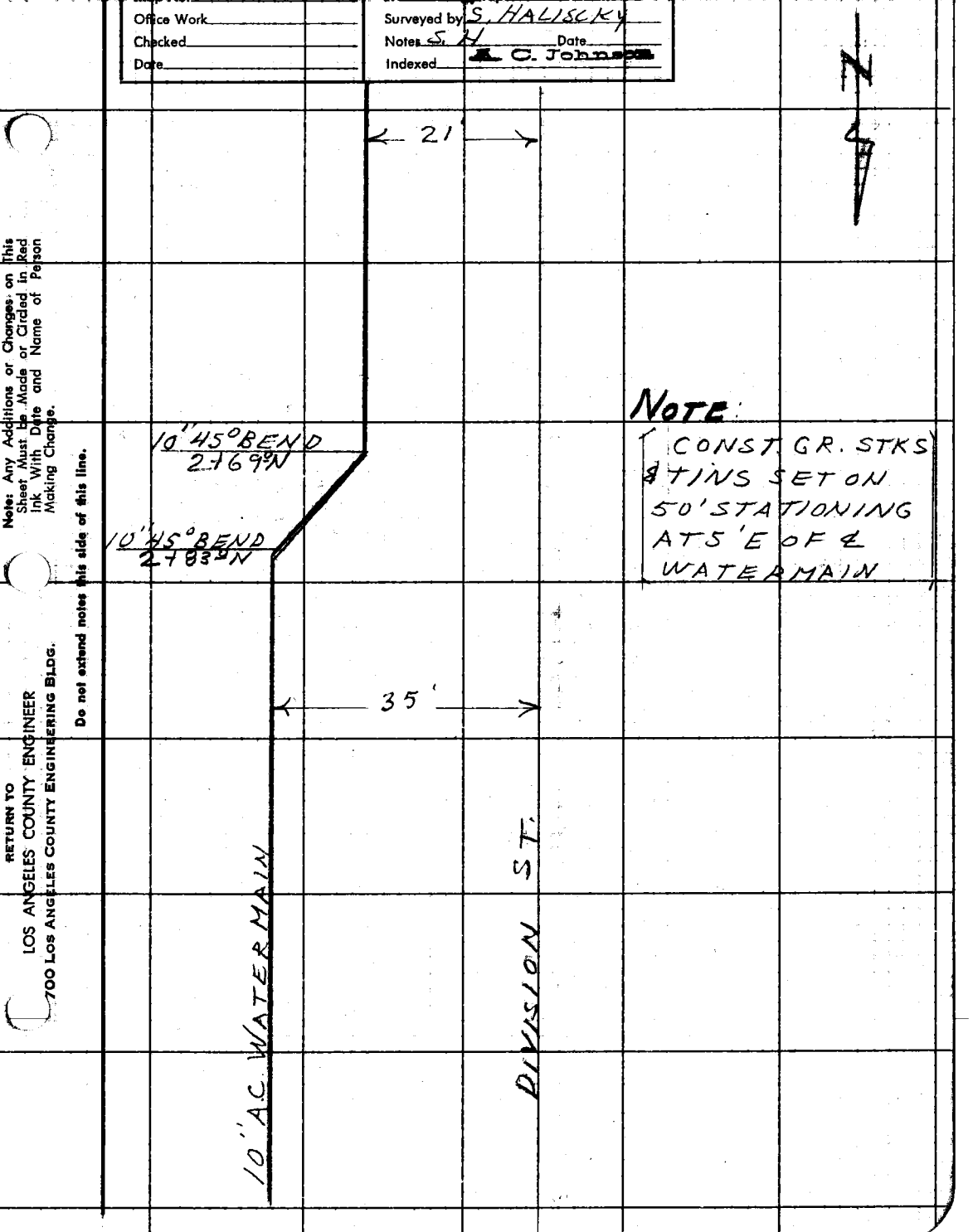
Notes Ck'd by	Survey of DIV. ST. WATERMAIN
Map No.	JN 5232 Tape Std °F
Office Work	Surveyed by S. HALISCKY
Checked	Notes S. H. Date
Date	Indexed A. C. Johnson

F. B. 2292 Pg. 137



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78S09S CE #247—7-53

F. B. 2292 PG. 138

N

F.H & TEE
7+22.16'

35'

NOTE
CONST. GR
STKS. & TINS
SET ON 50
STATIONING
ATS E. OF ℄
WATERMAIN

10" AC WATERMAIN

DIVISION ST.

TO EXIST.
WATERMAIN

13+36.16

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GR	CUT/FILL	
BM#K-D	195	242568		242373			BM-K-D EL=2423.73 SMALL BOLT SPIKE ON NORTH WEST SIDE PP#989389E AT NORTH EAST CORNER OF AVE K & DIVISION ST REF FB2292-145
							NOTE: BOTTOM OF DITCH GRADE SET AT 54" BELOW ℄ OF DIVISION ST. COPY OF CUTS GIVEN TO WATER DEPT
℄ INT			150	2418	—		INT. AVE K & DIV. ST.
0+07			156	2412	1962	C4.50	5'E
"			153	2415	1962	C4.53	5'W
℄ PAV.			156	2412	—		℄ AVE K
0+50			25[illegible]	2310	1985	C4.25	5'E
℄ PAV			233	2335	—		℄ DIV. ST.
1+00			449	2119	1770	C3.49	5'E
℄ PA[illegible]			348	2220	—		℄ DIV ST.
1+50			548	2020	1682	C3.38	5'E

Profile Notes Red. Plotted Job No. 523219 Division No. F. B. 2292 Pg. 139
No. Date Date Survey of DIVISION ST. WATERMAIN
X-Sec. Notes Chkd. Checked Survey by S. HALISCKY Notes S.H. Date 3-3-59
No. Date Date Map No. Indexed M. C. Johnson Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GR.	CUT / FILL	
		2425 68					
℄ PAV			4 36	242132	—		
2+00			6 15	1953	1595	C3 58	5' E
℄ PAV.			5 23	2045	—		℄ DIV. ST.
2+50			6 59	1909	1521	C3 88	5' E
℄ PAV			5 97	1971	—		℄ DIV. ST.
2+69.0			6 76 / 6 60	1892 / 1908	1501	C3 91 / C4 07	5 E / 5 W 45° BEND
PAV.			6 17	1951	—		℄ DIV. ST.
2+83.0			6 60 / 6 66	1908 / 1902	1486	C4 22 / C4 16	5 E / 5 W 45° BEND
PAV			6 32	1936	—		℄ DIV. ST.
3+00	3 19	2422 10	6 77	241891	1470	C4 21	5' E
PAV			2 90	1920	—		℄ DIV. ST.
3+50			3 80	1830	1419	C4 11	5' E
PAV			3 41	1869	—		℄ DIV. ST.
4+00			4 21	1789	1366	C4 23	5' E
PAV			3 94	1816	—		℄ DIV. ST.
4+50			4 74	1736	1306	C4 30	5' E
PAV.			4 54	1756	—		℄ DIV. ST.
5+00			5 37	1673	1241	C4 32	5' E
PAV			5 19	1691	—		℄ DIV. ST.

F. B. 2292 Pg. 140 Job No. 5232 19 Division No. Notes Red. Plotted Profile
Survey of DIVISION ST WATERMAIN Date 3-4-59 Date No.
Survey by Notes S. H 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.	GR	CUT/FILL	
		2422 10					
5+50			5 72	241638	1181	CH 57	5'E
℄ PAV			5 79	1631	—		℄ DIV. ST
6+00			6 47	1563	1113	CH 50	5'E
℄ PAV			647	1563	—		℄ DIV. ST
T.P. 6+50	2.78	2417 79	709	241501	1059	CH 42	5'E
℄ PAV			270	1509	—		℄ DIV. ST
7+00			335	1444	1001	CH 43	5'E
℄ DIV			328	1451	—		℄ DIV. ST
F.H. & TEE			347	1432	0976	CH 56	5E
7+22.16			351	1428		CH 52	5W
℄ PAV			353	1426	—		℄ DIV. ST
7+50			388	1391	0949	CH 42	5'E
℄ PAV			380	1399	—		℄ DIV. ST
8+00			456	1323	0883	CH 40	5'E
℄ PAV			446	1333	—		℄ DIV. ST
8+50			510	1269	0823	CH 46	5'E
℄ PAV.			506	1273	—		℄ DIV. ST
9+00			554	1225	1769	CH 56	5'E
℄ PAV			560	1219	—		℄ DIV. ST
9+50			624	1155	0714	CH 41	5'E
℄ PAV			615	241164	—		℄ DIV. ST

Profile No. X-Sec. No.
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Job No. 232 17 Division No.
Survey of DIVISION ST WATERMAIN
Survey by HALISCKY Notes S.H. Date 3-4-59
Index C. Johnson
Map No.
F. B. 2292 Pg. 141

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GR	CUT/FILL	
10+00	300	2413 95	684	241095	0656	C4 39	5'E
℄ PAV			289	1106	—		℄ DIV ST
10+50			357	1038	0602	C4 36	5'E
℄ PAV.			343	1052	—		℄ DIV. ST
11+00			409	0986	0553	C4 33	5'E
℄ PAV			392	1003	—		℄ DIV. ST
11+50			467	0928	0499	C4 29	5'E
℄ PAV.			446	0949	—		℄ DIV. ST
12+00			530	0865	0439	C4 26	5'E
℄ PAV			506	0889	—		℄ DIV. ST
12+50			568	0827	0381	C4 46	5'E
℄ PAV.			564	0831	—		℄ DIV. ST
13+00			611	0784	0341	C4 43	5'E
℄ PAV			604	0791	—		℄ DIV. ST
13+36 16			656	0739	0310	C4 29	5'E
13+36 16			698	0697	0310	C3 87	5'W
℄ PAV.			635	0760			℄ DIV.
			407	240988	—		TOP FIRE HYDRANT

F. B. 2292 Pg. 142 Job No. 523219 Division No. Notes Red. Plotted Profile
Survey of DIVISION ST WATERMAIN Date 3-4-59 Date No.
Survey by S. HALICOK Notes SH Notes Chkd. Checked X-Sec.
Indexed C. J. [illegible] Date Date No.

Profile No.	Notes Red.	Plotted	Job No. 5232.19	Division No.	F. B. 2292	Pg. 143
	Date	Date	Survey of DIVISION ST WATER MAIN			
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY	Notes R L T	Date 3-5-59	
	Date	Date	Map No.	Index [redacted]		

JN 5232.19

BENCH LEVELS
FOR
WATERMAIN
ON
DIVISION ST

FROM

AVE K NLy 13+17 16'

PARTY
HALISCKY
RITTER
TALBOT
MITCHELL
TEMPLETON

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

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761-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. J-2	8 82	2391 32		2382 50	B M J-2 EL.=2382.498 (LB763-37) REF. F.B. 1814-237 & INT AVE J & DIVISION ST. TOP BRASS CAP 12" DN COR SEC. 14, 15, 22 & 23 T7N R13W	
T.P.	5 81	2394 76	2 37	2388 95		
T. P.	5 44	2398 15	2 05	2392 71		
T. P.	5 45	2400 40	3 20	2394 95		
B.M.# D.-J5	5 56		4 61	2395 79	B.M.# D-J5 EL. = 2395.79 L.&T. AT N.E. COR. OF DIVISION ST. & AVE. J-5 5' NORTH OF NORTH CURB RETURN	
T. P.	5 76	2401 35	4 15	2397 20		
T. P.	5 31	2402 96	3 48	2399 48		
B.M. D-J8	5 00	2404 79	3 07	2401 72	B.M.# D-J8 EL. = 2401.72 L.&N. IN MIDDLE OF CURB AT N.E. COR. OF DIVISION ST. S/AVE. J-8	
		2406 72				

F. B. 2292 Pg. 144 Job No. 5232/9 Division No. Notes Red. Plotted Profile
Survey of DIVISION ST WATERMAIN Date 3-5-59 Date No. X-Sec.
Survey by HALISCKY Notes A.L.T. Notes Chkd. Checked No.
Indexed C. Jobson Date Date Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		2406 72				
T. P.	536		335	2403 37		
		2408 73				
T. P.	541		384	2404 89		
		2410 30				
T. P.	475		042	2409 88	TOP OF FIRE HYDRANT 1336' ± NO. OF AVE. "K"	
		2414 63				
T. P.	739		237	2412 26	1X2 STK. N&T. STA. 9+00 5'E ℄ DITCH	
		2419 65				
T. P.	804		292	2416 73	SPK. & TIN " 5+00 " " "	
		2424 77				
B.M. K-D	088		104	2423 73	BM K-D EL=2423.73 SM. BT. SP. N.W. SIDE PP#989389E AT N.E. COR OF AVE. K & DIVISION ST	
		2424 61				
T. P.	282		787	2416 74	SPK. & TIN STA. 5+00 5'E ℄ DITCH	
		2419 56				
T. P.	237		729	2412 27	1X2 STK. N&T STA. 9+00 5'E ℄ DITCH	
		2414 64				
T. P.	034		475	2409 89	TOP OF FIRE HYDRANT 1336' ± NO. OF AVE "K"	
		2410 23				

Profile Notes Red ____ Plotted ____ Job No. 52321 Division No. ____ F. B. 2292 Pg. 145
No. ____ Date ____ Date ____ Survey of DIVISION ST WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by LA INCH & Notes RLT Date 3-5-59
No. ____ Date ____ Date ____ Map No. ____ Index 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.		
		2410 23				
T. P.	3 80		5 33	2404 90		
		2408 70				
T. P.	3 38		5 32	2403 38		
		2406 76				
B.M. D-J8	2 76		5 03	2401 73	B.M. #D-J8 EL.=	2401.72
					L&N IN MIDDLE OF Cb. AT N.E. COR	
					OF DIVISION ST & AVE J8	
		2404 49				
T. P.	3 25		4 99	2399 50		
		2402 75				
T. P.	4 16		5 53	2397 22		
		2401 38				
B.M. # D-J5	4 52		5 57	2395 81	B.M. #D-J5 EL.=	2395.79
					L&T AT N.E. COR, OF DIVISION ST & AVE J-5	
					5'N. OF N. Cb RETURN.	
		2400 33				
T. P.	3 18		5 36	2394 97		
		2398 15				
T. P.	2 53		5 42	2392 73		
		2395 26				

F. B. 2292 Pg. 146
Job No. 5232/9 Division No. Notes Red. Plotted Profile
Survey of DIVISION ST. WATERMAIN Date 3-5-59 Date No. X-Sec.
Survey by HALISCH Notes Notes Chkd. Checked No.
Indexed C. J. Date Date Date

F. B. 2292 Pg. 147

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 523219 Division No. ____

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of DIVISION ST WATERMAIN

Survey by HALISCKY Notes S.H. C. Johnson Date 3-5-59

Map No. ____ Indexed ____ Date ____

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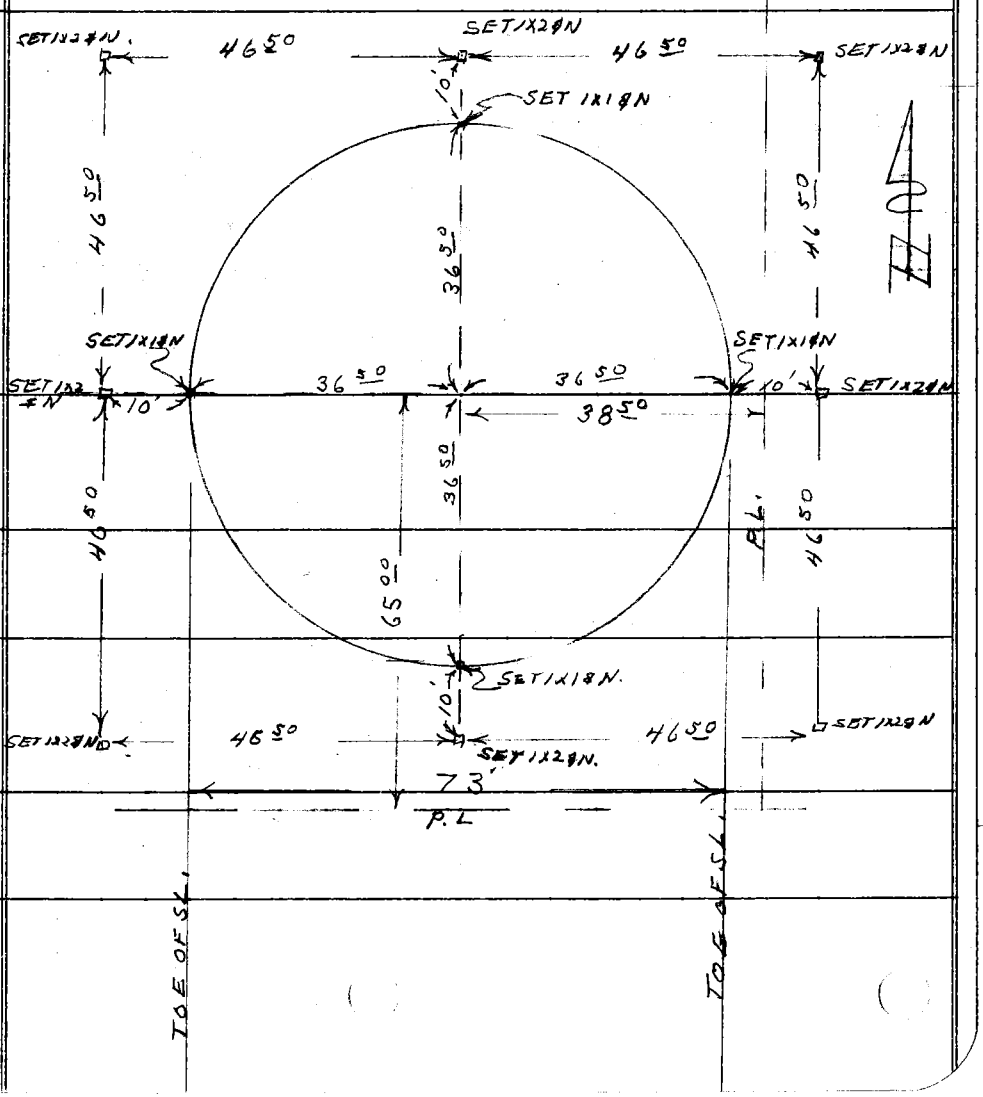
STATION	B. S.	H. I.	F. S.	ELEV.	
T.P.	272	239526	628	238898	
B.M. J-2		239170	918	238252	SEE F.B. 2292-144

76L-298 S & E #307—1-56

Profile No.	Notes Red.	Plotted	Job No. 5042.86	Division No.	F. B. 2292	Pg. 149
	Date	Date	Survey of WELL SITE #10			
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S.H	Date 3-16-59	
	Date	Date	Map No.	Index C. John Bates		

J.N. 5042.86

WELL SITE #10
STAKING & GRADE FOR TANK PAD.
702½ W. AVE H-13



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76L-298 S & E #307—1-56

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F. B. 2292 Pg. 150 | Job No. 504286 | Division No. | Notes Red. | Plotted | Profile No.
Survey of WELL SITE #10 TANK PAD | Date | Date | X-Sec. No.
Survey by HALISCKY / Notes 5.11 | Notes Chkd. | Checked | No.
Indexed C. Johnson Date 3-16-59 | Date | Date

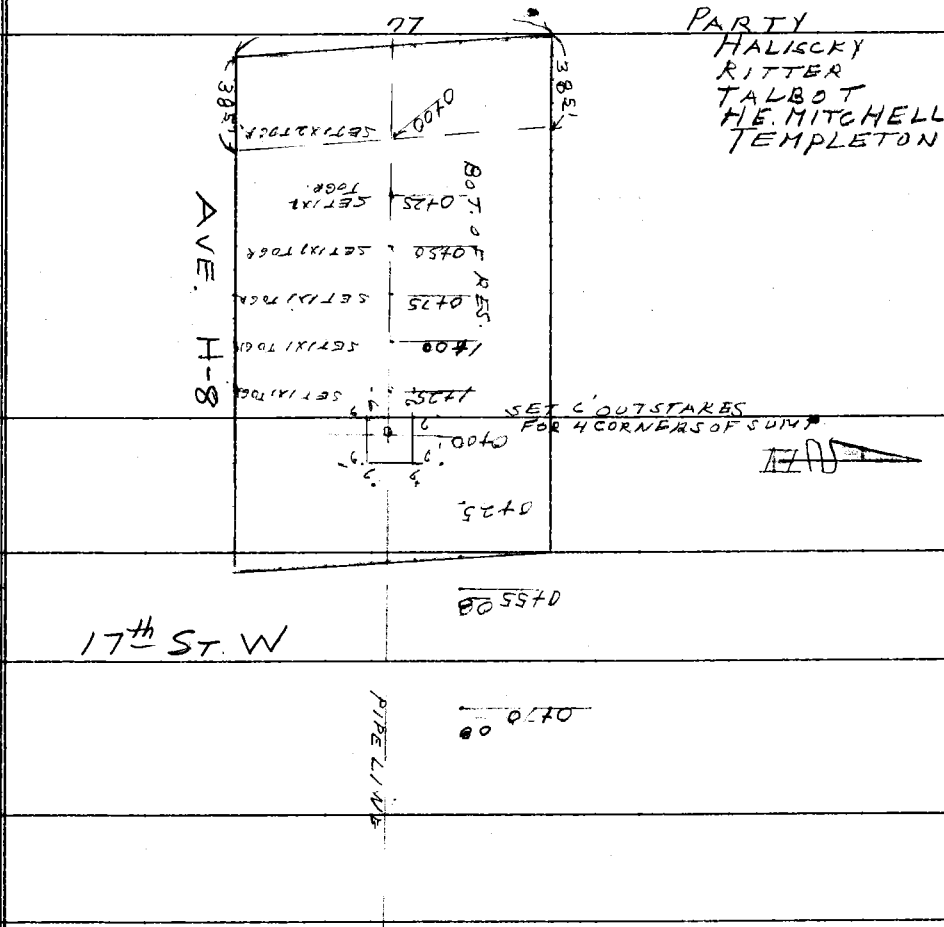
STATION	B. S.	H. I.	F. S.	ELEV.			
BMWS #10	3 39	2340 29		2336 90	BM WELLSITE #10 EL. 2336.9 REF. JN. 504286 FILE #W.W.4-C-510; S.E. COR. CONC. BLOCK, WELL #10		
					GR	CUT/FILL	
CENTER			4 64	2335 65	2336.3	FO 65	1X2"
N			4 84	3 5 45	2335.70	FO 25	1X2" 10' FT. N. OF EDGE OF PAD
N. E			4 69	3 5 60	2335.70	FO 10	1X2" 46 50 No. & 46 50 E. OF CT. PAD
E			4 30	3 5 99	2335.80	CO 19	1X2" 10' E. OF EDGE OF PAD
				3 5 99	2336.30	FO 31	CENTER
S. E			3 93	3 6 36	2335.90	CO 46	1X2 46 50 So. & 46 50 E. OF CT. PAD
So.			4 96	3 5 33	2335.90	FO 57	1X2 10' So. OF EDGE OF PAD.
S. W			4 70	3 5 59	2335.90	FO 31	1X2" 46 50 So. & 46 50 W. OF CT. PAD
W			4 04	3 6 25	2335.80	CO 45	1X2" 10' W. OF EDGE OF PAD
				3 6 25	2336.30	FO 05	CENTER
N. W			5 16	3 5 13	2335.70	FO 57	1X2" 46 50 No. & 46 50 W. OF CT. PAD
BM WS #10			3 39	2336 90			
S E P. COR			5 55	2334 74			LOT COR MON. W-T

Profile No.	Notes Red.	Plotted	Job No.	Division No.	F. B. 2292 Pg. 151
	Date	Date	Survey of WELL #18 RESERVOIR		
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S. H.	Date 4-17-59
	Date	Date	Map No.	Indexed C. Johnson	Date

J.N. 5042.88

WELL #18 RESERVOIR
GR. STAKES FOR PIPE LINE AND BOTTOM OF RESERVOIR

PARTY
HALISCKY
RITTER
TALBOT
H.E. MITCHELL
TEMPLETON



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

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76L-298 S & E #307—1-56

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F. B. 2242 Pg. 15 2 Job No. Division No. Notes Red. Plotted. Profile
Survey of WELL #18 RESERVOIR Date Date No.
Survey by Notes HALLEY Notes Ckd. Checked. X-Sec.
Indexed C. Johnson Date 4-17-59 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
BMH8-17W	4 960	2323 135		2318 175	BM H8-17W EL=2318.175	
					AVE H-8 & 17TH ST	W. N.E. COR
					L&T IN CURB 3'E	OF E.END CR
BM#17W-H8			4 970		BM#17W-H8 EL=2318.175	
					17TH ST. W. & AVE H-8, S.E. COR.	
					L&T IN CURB 3'S	OF S. END CR.
	0 560	2317 985	5 71	2317 425	S.E. COR. CONC. FOOTING OF RESERVOIR	
T.P.	1 090	2307 150	11 925	2305 060		
			5 79	2301 36	N.W. COR SUMP	6'N (230133)
			5 76	2301 39	N.E " "	6'N (230134)
			6 41	2300 74	S.W. COR " "	6S (230070)
			5 97	2301 18	S.E COR "	6S (230115)
0+00			7 41	229974		
0+25			7 80	229935		
0+50			8 19	229896		
0+75			8 58	229857		
1+00			8 97	229818		
1+25			9 36	229779		
0+00	9 485	2309 225		229974		

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.			
		2309 225					
T. P.	10 295	2319 240	0 280	2308 945			
T. P.	5 895	2323 320	1 815	2317 425	S.E. COR. CONC. FOOTING OF RESIVOIR		
B.M. 17W-H8			5 135	2318 185	B.M. #17W-H8 EL. = 2318.175 17TH ST. W & AVE. H-8, S.E. COR. L&T. IN CURB 3' SO. OF S. END C.R.		
6'W. N.W. COR 1X2&N.	1 01	2302 37		2301 36	TAKE-OFF 6' No. OF THE N.W. COR. OF SUMP (1X2&N) (01.38)		
6' So. S.E. COR			1 20	2301 18	1X2&N 6' So. OF THE S.E COR OF SUMP (01.15)		
					GRADE	C/F	
0+00					229290	SET PIPE F.L. ON GR.	℄ PIPELINE AT SUMP F.L
0+25					229230		F.L
0+55 08					229157		BOOSTER #1 F.L.
0+70 08					229120		BOOSTER #4 F.L

Profile Notes Red. Plotted Job No. Division No. F. B. 2292 Pg. 153
No. Date Date Survey of WELL #18 RESERVOIR
X-Sec. Notes Chkd. Checked Survey by HALISON Notes S.H. Date 4-17-59
No. Date Date Map No. Indexed C. Johnson Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GR.	CUT/FILL	NOTE GR. AT F.L. FOR PIPE
		2302 37					
			439	229798	229740	C0 58	6' E. OF S.E. COR SUMP.
			120	230117	229740	C3 77	6 S OF " "
			164	230073	229740	C3 33	6 S. OF S.W. COR
			454	229783	229740	C0 43	6 W OF S.W. COR.
			498	229739	229740	F0 01	6 W OF N.W COR.
			101	230136	229740	C3 96	6 N. OF N.W COR
			100	230137	229740	C3 97	6 N. OF N.E COR
			356	229881	229740	C1 41	6 E OF N.E COR
			687	229550	229290	C2 60	8' N. OF ℄ PIPE (0+00)
				229850	229285	C2 65	19 E. OF ℄ PIPE FL.

F. B. 2292 Pg. 154
Job No. Division No. Notes Red. Plotted Profile
Survey of WELL #18 RESERVOIR Date Date No.
Survey by Notes HALISCHY Notes Chkd Checked X-Sec.
Indexed C. Johnson Date 4-17-59 Date Date No.

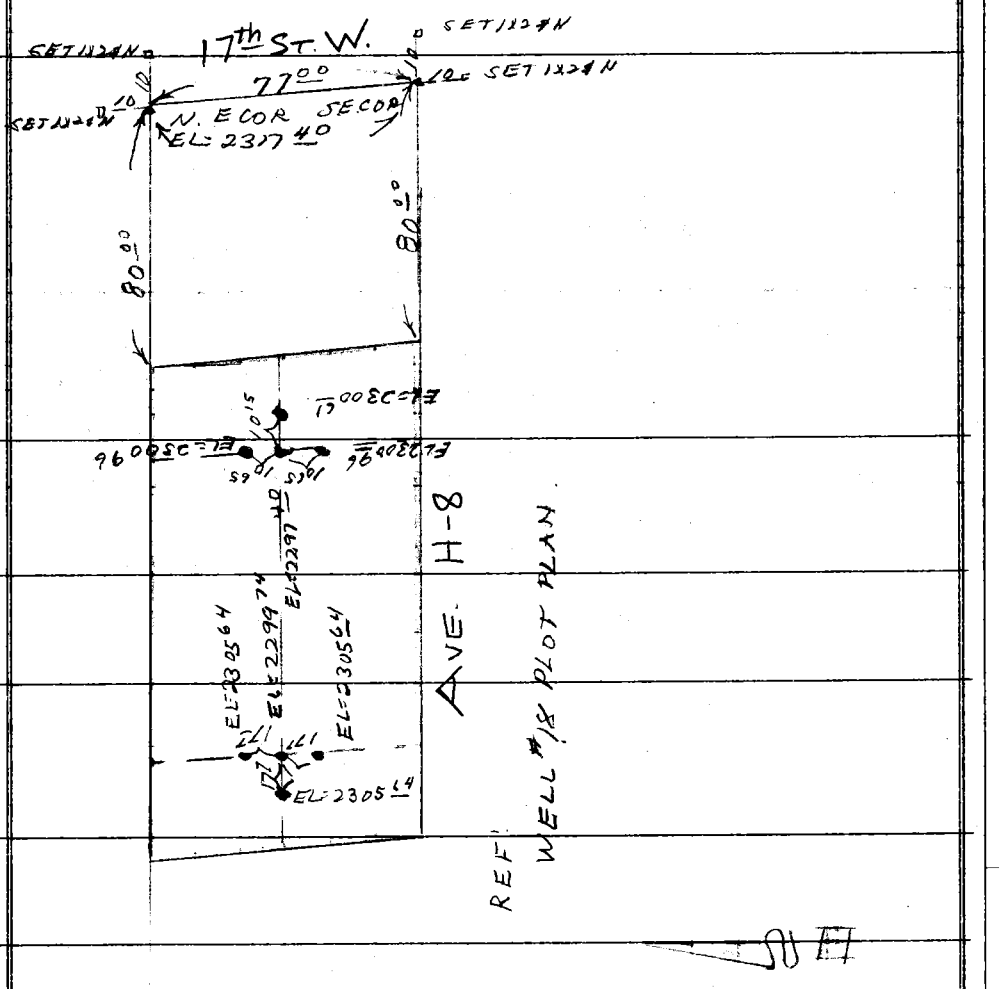
Profile No.	Notes Red.	Plotted	Job No.	Division No.	F. B. 2292 Pg. 155
	Date	Date	Survey of WELL #18 RESERVOIR		
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S H	Date 5-4-59
	Date	Date	Map No.	Indexed C. Johnson	Date

J.N. 5042.88

WELL #18 RESERVOIR

AVE H-8 & 17TH ST. W.

GR. STAKES



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

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.				
	5 13	2323 31		2318 18	BM #H8-17W EL=2318.175 (F.B. 2292-128			
					AVE H-8 & 17TH ST. W, N.E. COR			
					LAT IN CURB, 3' E OF E END C.R.			
S.E. COR			4 69	2318 62				
10' So.			4 70	2318 61	2317 48	C121		
10' E.			4 73	2318 58	2317 40	C118		
N.E. COR			4 50	2318 81				
10' No.			4 64	2318 67	2317 40	C127		
10' E.			4 94	2318 37	2317 40	C097		
T.P.	0 26	2317 69	5 88	2317 43				S.E. FOOTING.
TP	0 60	2306 96	11 33	2306 36				
17 84 29	3 26	2302 84	7 38	2299 58				20" VERT. LP AT Y 670 W. OF ELY X SECTION
1X2			2 23	2300 61	GR.			105 E. OF ELY X SECTION
1X2			1 84	2300 96	GR.			1065 N. OF ℄ ELY X "
			1 88	2300 90	GR.			1065 S. " " " "
1X2			5 44	2297 40	GR.			℄ ELY X SECTION
1X1	8 53	2308 28	3 09	2299 75	GR.			℄ WLY X SECTION
			2 64	2305 64	GR			171 NO OF ℄ WLY X SECTION
			2 64	2305 64	GR			172 SO " " " "
			2 64	2305 64	GR.			177 W. OF WLY X SECTION
T.P.	10 56	2318 46	0 38	2307 90				
			1 04	2317 42				

F.B. 2292 Pg. 156 Job No. Division No. Notes Red. Plotted Profile
Survey of WELL #11 RESERVOIR Date Date No.
Survey by S.H. Notes HALLICKY Notes Chkd. Checked X-Sec.
Indexed E. C. Johnson Date 5-4-54 Date Date No.

Notes Ck'd by	Survey of WELL #16 FENCE
Map No.	JN 5042.11 Tape Std °F
Office Work	Surveyed by HALISCKY
Checked	Notes HALISCKY Date 9-5-59
Date	Indexed [redacted] C. Johnson

F. B 2292 PG. 157

JN 5042.11

WELL #16 FENCE

AVE H-8 & 5TH ST E

PARTY
HALISCKY
RITTER
TALBOT
H.E. MITCHELL
TEMPLETON

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763098 CE #247—7-53

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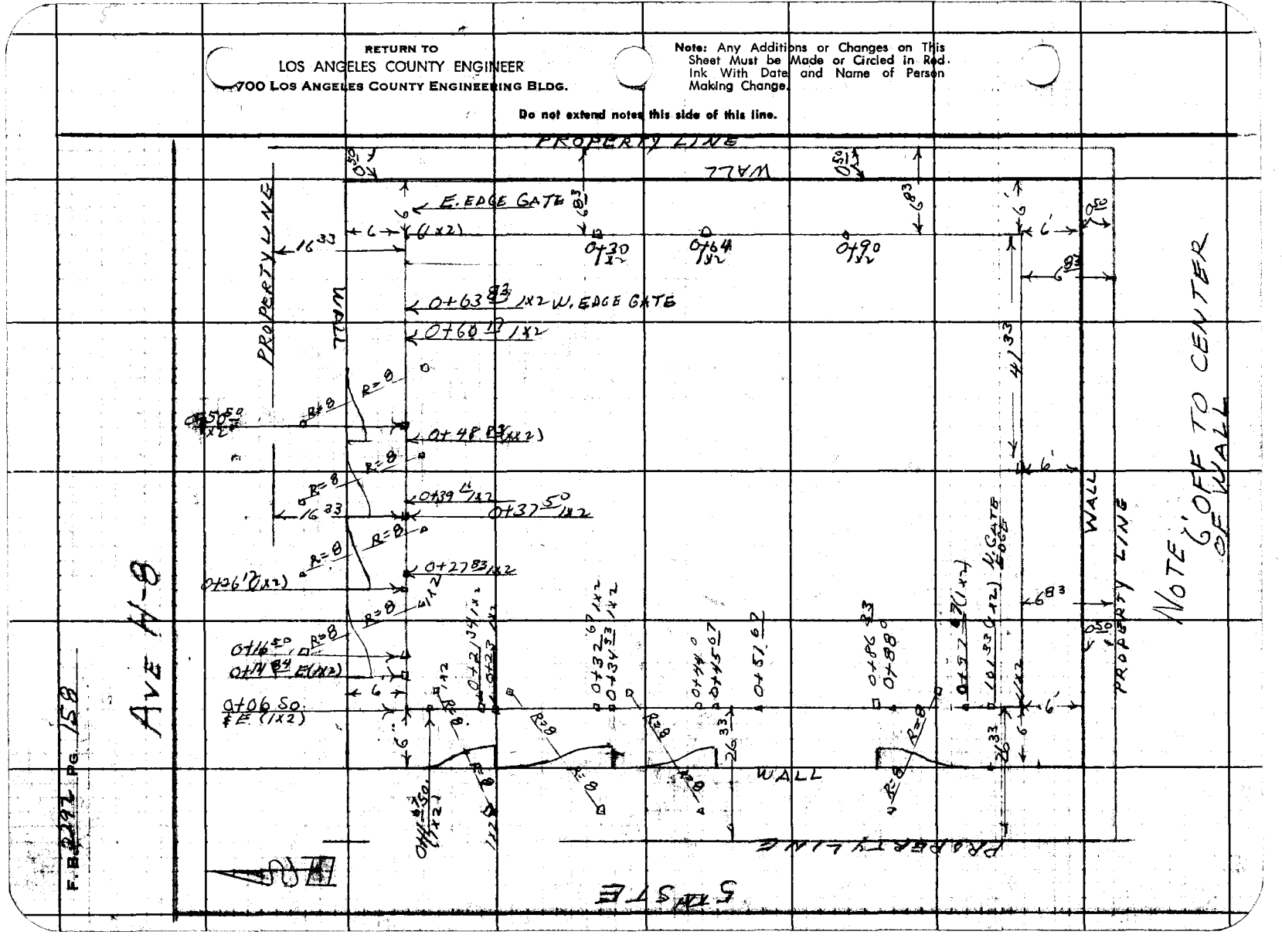

Profile No.	Notes Red.	Plotted	Job No.	Division No.	F. B. 2292 Pg. 159
	Date	Date	Survey of WELL #16 FENCE (CR)		
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCHY Notes S.H	Date 8-5-54	
	Date	Date	Map No.	Indexed C. Johnson	

J. N5042.11

GRADE
FOR
WELL #16 FENCE
AVE H-8 & 5TH ST E

PARTY
HALISCHY
RITTER
TALBOT
H.E MITCHELL
TEMPLETON

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

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.				
BM WW-16	2 62	2352 04		2349 42	BM WW16 EL 2349 42 (FB 2292-45) 5TH ST. E & AVE H-8 WATER WELL SITE COR CONC. WELL HEAD			S.E. COR AT #16 L&T IN S.E
					GR	C/F		
S.E. COR			3 74	2348 30	2346 99	C1 31		6 W & 6 N 1X2 S.E COR
				4744	2346 99	C0 45	TO THE EAST	4 S'W OF SE COR.
STEP DOWN			4 60	4744	2346 32	C1 12	TO THE W.	STEP DOWN SO LINE
S.W. COR.			4 58	4746	2346 32	C1 14	NOTE. EL = GIVEN TO TOP OF FOOTING	6'N & 6 E OF S.W COR 1X2
			4 67	4737	2346 32	C1 05		W. EDG OF GATE AT S.W. COR.
0+86 33 SO.			4 67	4737	46 32	C1 05		ON W. LINE. 6' OFF
0+44 00 SO			4 50	4754	46 32	C1 22		ON W. LINE "
0+23 00 SO			4 51	4753	46 32	C1 21		ON W. LINE "
N.W. COR.	5 03	2352 32	4 75	2347 29	46 32	C0 97		6'E & 6 SO AT N.W COR.
0+26 17 E			4 91	4741	46 32	C1 09		6'SO.
0+48 83 E			4 86	4746	46 32	C1 14		
GATE			5 24	4708	46 32	C0 76		W. EDGE
N.E. COR.			5 39	4693	46 32	C0 61		6'SO & 6'W OF N.E COR
0+30 SO.			5 30	4702	46 32	C0 70		6 OFF ON E. LINE
					46 32	C1 32	TO NORTH	
0+64 00			4 68	4764	46 99	C0 65	TO SOUTH	6' OFF STEP OD
0+90 00			4 21	4811	46 99	C1 12		
L&T			5 83	2346 49				L&T N. OF E LINE ON CB.
BM WW-16			2 90	2349 42				BM WW-16

F. B. 2292 Pg. 160 Job No. 5042 11 Division No. Notes Red. Plotted Profile
Survey of WELL #16 FENCE Date Date No.
Survey by HALISCKY Notes S.H. Checked X-Sec.
Indexed C. Johnson Date 8-5-54 Notes Chkd. Date No.

Profile	Notes Red.	Plotted	Job No. 504208	Division No.	F. B. 2292 Pg. 161
No.	Date	Date	Survey of WELL SITE #11 & 12		
X-Sec.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S. H	Date 5-6-59
No.	Date	Date	Map No.	Indexed C. Johnson	

J, N5042.08

STAKING REDWOOD FENCE AT WELL SITE #11 & 12 15TH ST W & AVE J-4

PARTY
HALISCKY
RITTER
TALBOT
HEMITCHELL
TEMPLETON

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

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.				
	4 79	236288		235809	FD. L&T IN TOP OF W. CURB ON E&W DIRECTION PROD. OF THE NORTH BOUNDARY OF WELL 11&12 AT 15TH ST W & AVE J-4. REF TR # 22804 MJ 10002			
					GR	C/F		
0+00					235869	GR		3' E. OF N.E. COR. REDWOOD FENCE
0+21 78					5887	GR		3' E. OF REDWOOD FENCE
0+50					5909	GR		" " "
0+80					5933	GR		" " "
1+10					5957	GR		" " "
1+34					235976	GR		" " " REDWOOD FENCE 3' E. OF S.E. COR. OF

F. B. 2292 PG. 162 Job No. 5042 OB Division No. Notes Red. Plotted Profile
Survey of WELL SITE #11 & 12 Date Date No. X-Sec.
Survey by HALISCK Notes S. H. Notes Chkd. Checked
Indexed C. JOHNSON Date 5-6-59 Date No.

Notes Ck'd by	Survey of K-8, DIV. ST. WATERMAIN
Map No.	JN 5232.51 Tape 144 Std 84 °F
Office Work	Surveyed by S. HALISCKY
Checked	Notes S.H. Date 5-7-59
Date	Indexed [redacted] C. Johnson

F. B. 2292 PG. 163

J.N. 5232.51

K-8 DIV. ST. WATERMAIN

10" A.C. PIPE

PARTY
HALISCKY
RITTER
TALBOT
HE MITCHELL
TEMPLETON.

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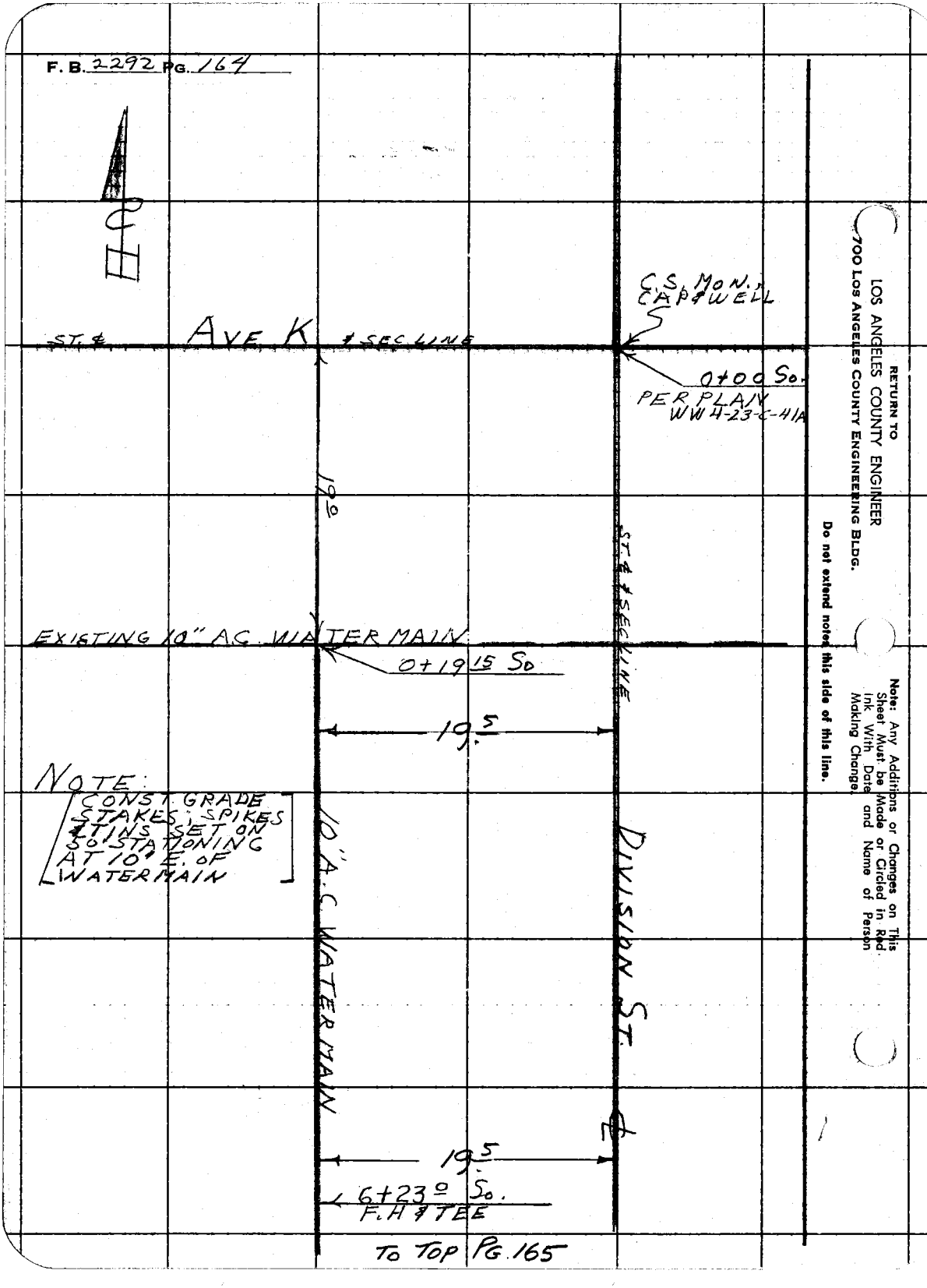
763095 CE #247—7-53

F. B. 2292 PG. 164



TO TOP PG. 165

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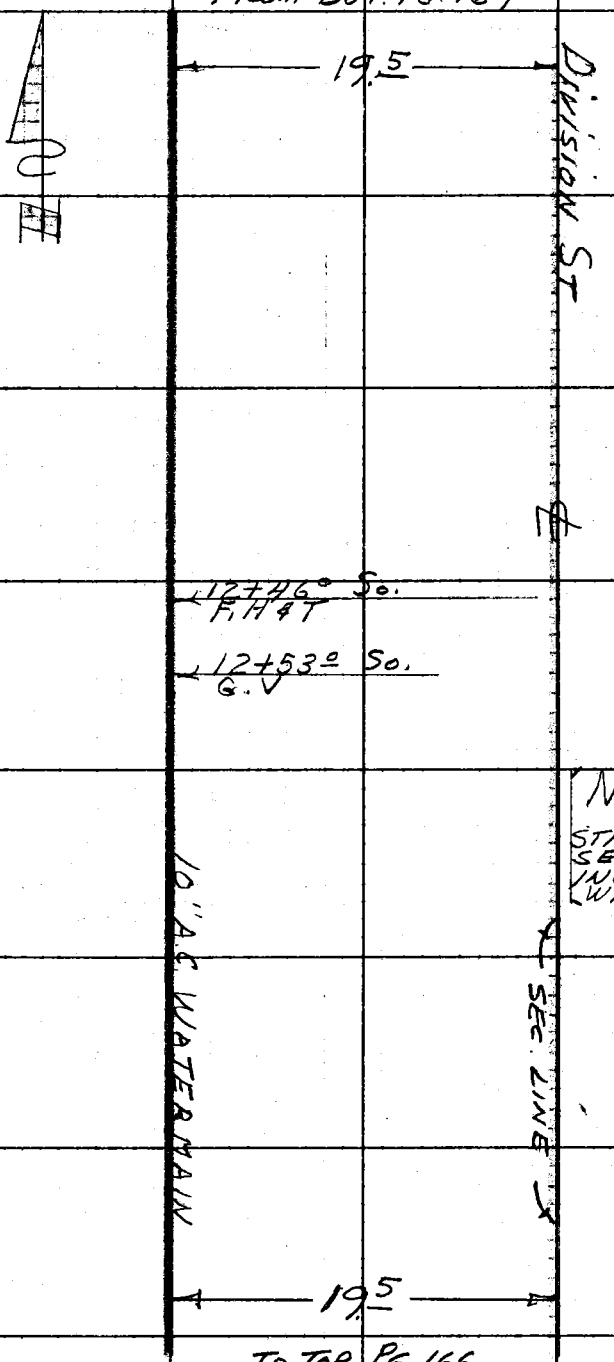
Notes Ck'd by	Survey of K-8 DIV. ST. WATERMAIN
Map No.	JN 52232-51 Tape 144 Std 84 °F
Office Work	Surveyed by S. HALISOKY
Checked	Notes S.H. Date 5-8-59
Date	Indexed C. Johnson

F. B. 2292 PG. 165

FROM BOT. PG. 164



TO TOP PG. 166

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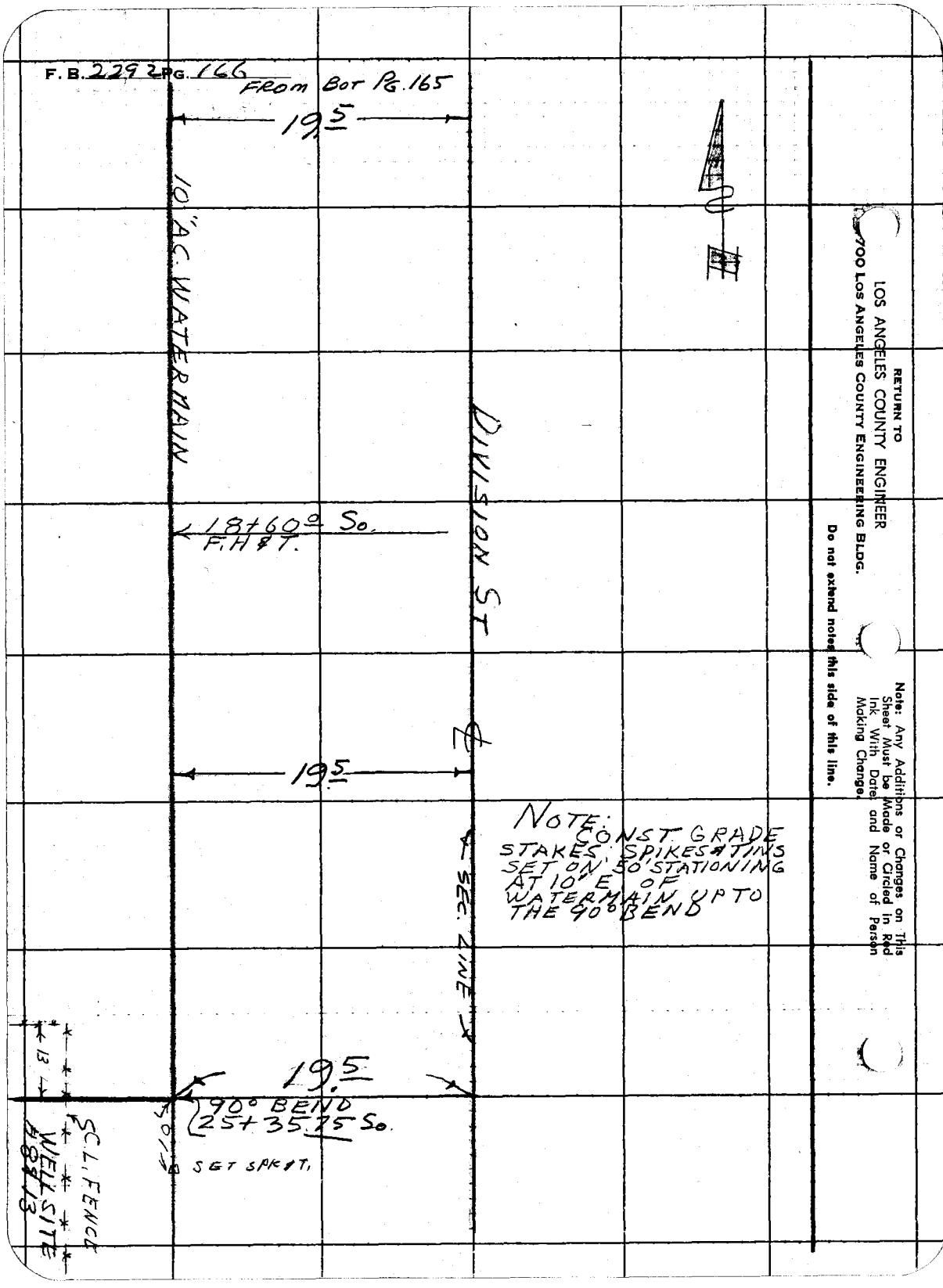
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53


F.B. 2292 PG. 166
FROM BOT PG. 165
19.5
10" AC. WATERMAIN
DIVISION ST
18+60° So.
F.H & T.
19.5
NOTE: CONST GRADE STAKES, SPIKES & TINS SET ON 50' STATIONING AT 10' E OF WATERMAIN UP TO THE 90° BEND
SEC. LINE
19.5
90° BEND
25+35.75 So.
SET SPK & T.
13
SC. L. FENCE
WELL SITE
RETURN TO
LOS ANGELES COUNTY ENGINEER
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F. B. 2292 Pg. 167

Profile No.	Notes Red.	Plotted	Job No.	Division No.
	Date	Date	Survey of K-8 DIV. ST. WATERMAIN	
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY Notes S.H	Date 5-1-59
	Date	Date	Map No.	Indexed O. Johnson

J.N 5232.51

K-8 DIVISION ST WATERMAIN

GRADE

10" A.C. PIPE

PARTY
HALISCKY
RITTER
H.E. MITCHELL
TEMPLETON

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

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761-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.						
BM-KD	6 02	2429 75		2423 73	BM-KD EL=2423.73 (F.B. 2292-139) SMALL BOLT SPIKE ON NORTH WEST SIDE R.P. #989389E AT NORTH EAST CORNER OF AVE K & DIVISION ST.					
					℄ ST GRADE	C/F	%		BOTTOM TRENCH GR	
℄ INT AVE K			5 51	2424 24	2424.24				241974	
0+19 15			5 47	2428						10' E
0+50			5 31	2444	242463	C4 31			2013	"
1+00			5 06	2469	2502	C4 17			2052	"
1+50			4 58	2517	2541	C4 26			2091	"
2+00			4 21	2554	2580	C4 24			2130	"
2+50			3 76	2599	2620	C4 29			2170	"
3+00	6 84	2433 22	3 37	242638	2659	C4 29			2209	"
3+50			6 52	2670	2698	C4 22			2248	"
4+00			6 07	2715	2737	C4 28			2287	"
4+50			5 67	2755	2776	C4 29			2326	"
5+00			5 25	2797	2816	C4 31			2366	"
5+50			4 89	2833	2855	C4 28			2405	"
6+00	6 30	2434 95	4 57	242865	2894	C4 21			2444	"
6+23 F.H.			6 16	2879	2912	C4 17			2462	"
6+50			5 91	2904	2933	C4 21			2483	"

"C4 86.0"

NOTE: GRADE SET FOR BOTTOM OF TRENCH 54" BELOW ℄ OF STREET.

F. B. 2292 Pg. 168
Job No. 52325
Division No.
Notes Red.
Plotted
Profile
Survey of K-8 DIV. ST. WATERMAIN
Date
Date
No.
X-Sec.
Survey by HALLSCEY
Notes S.H.
Checked
Indexed C. Johnson
Date 5-11-59
Date
Date
No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	EST GRADE	C / F	%	TRENCH CR.	
		243495							
7+00			553	242942	242972	C4 20		242522	10'E
7+50			507	2988	3012	C4 26		2562	"
8+00			465	3030	3051	C4 29		2601	"
8+50			431	3064	3090	C4 24		2640	"
9+00			388	3107	3129	C4 78		2679	"
9+50	643	243800	338	243157	3168	C4 39		2718	"
10 ± 00			600	3200	3208	C4 42		2758	"
10 + 50			553	3247	3247	C4 50		2797	"
11+00			508	3292	3296	C4 46		2846	"
11+50			466	3334	33.46	C4 38		2896	"
12+00			425	3375	33.95	C4 30		2945	"
12+46 FH			388	3412	34.42	C4 20		2992	"
12+53 G.V.			380	3420	34.45	C4 25		2995	"
13+00	662	244131	331	243469	34.94	C4 25		3044	"
13+50			608	3523	3544	C4 29		3094	"
14+00			561	3570	3593	C4 27		3143	"
14+50			515	3616	3643	C4 23		3193	TBM D19
15+00			457	3674	3692	C4 32		3242	SM. BT. SPK IN W
15 ± 50			405	3726	3742	C4 34		3292	SIDE PP #826018E E. SIDE DIV. ST 900± N. OF K-8
TB M	433	244355	209	243922					

NOTE: GR. SET FOR BOTTOM OF TRENCH 54" BELOW ℄ OF ST.

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 5232.51 Division No. Survey of K-8 DIV. ST. WATERMAIN Survey by HALISCKY Notes S.H. Date 5-11-59 Map No. Index C. Johnson

F. B. 2292 Pg. 169

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	EST GRADE	C / F	%	TRENCH GR.
		2443 55						
16+00			5 82	243773	243791	C4 32		243341
16+50			5 29	3826	3841	C4 35		3391
17+00			4 76	3879	3890	C4 39		3440
17+50			4 30	3925	3940	C4 35		3490
T.B.M. WW-19	5 09	2446 24	2 40	244115	TBM NW-19		F.B.	2292—171
18+00			6 51	3973	3989	C4 39		3539
18+50			6 04	4020	4039	C4 31		3589
18+69 FH			5 88	4036	4057	C4 30		3606
19+00			5 46	4078	4088	C4 40		3638
19+50			4 86	4138	4138	C4 50		3688
20+00			4 34	4190	4187	C4 53		3737
20+50	6 09	2448 52	3 81	244243	4237	C4 56		3787
21+00			5 70	4282	4286	C4 46		3836
21+50			5 15	4337	4336	C4 57		3886
22+00			4 67	4385	4385	C4 50	+0.991	3935
22+50			4 17	4435	4435	C4 50		3985
23+00	6 77	2451 58	3 71	244481	4484	C4 47		4034
23+50			6 31	4527	4534	C4 43		4084
24+00			5 70	4588	4583	C4 55		4133
24+50			5 24	4634	4633	C4 57		4183

F. B. 2292 Pg. 170
Job No. 52325 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of K-8 DIV. ST. WATERMAIN Date ____ Date ____ No. ____
Survey by HALISCKY Notes C.H. Notes Chkd. ____ Checked ____ X-Sec. ____
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.

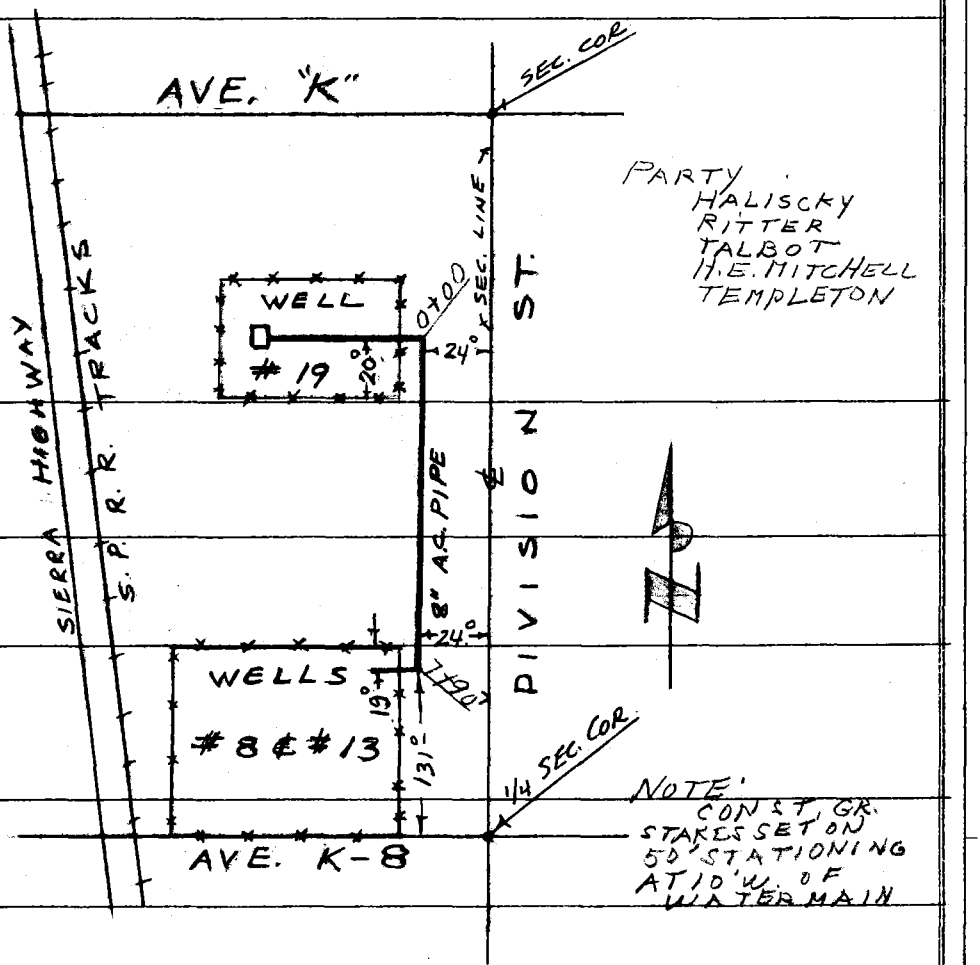
STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C / F		TRENCH GR.	
		2451 5+							
25+00			4 60	244698	24 4683	C465	1660	4233	
25+35			3 96	4762	4718	C494		4268	
10'S.			3 76	4782					
L&T	1 33	2450 87	2 04	244954					
T.P.	3 19	2447 03	7 03	244384					
T.B. M.	1 64	2442 77	5 90	2441 13					T.B.M. WW-19 L&T. SET IN TOP S.E. COR. OF CONC. BASE FOR PUMP. AT WELL #19 EL. = 2441.15 ~~F.B. 2292.-170~~
T.B.M. D-19			3 58	2439 19					T.B.M D-19 EL. = 2439.22 F.B. 2292 - 169
T.P.	3 21	2439 32	6 66	2436 11					
T.P.	2 83	2435 90	6 25	2433 07					
T.P.	3 13	2432 66	6 37	2429 53					
T.P.	2 77	2429 11	6 32	2426 34					
B.M. D-K			5 41	2423 70	B.M. D-K EL. = 2423.73 FB 2292-139 SM. BT. SPK. ON N.W. SIDE OF P.P. 989389E. N.E. COR. AVE. K & DIV. ST.				

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F.B. 2292 PG. 171
No. ____ Date ____ Date ____ Survey of K-8 DIV. ST. WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by HALISCKY Notes S.H. Date 5-11-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

Profile	Notes Red.	Plotted	Job No.	Division No.	F. B. 2292 Pg. 173
No.	Date	Date	Survey of WATER WELL #19 WATERMAIN 8"		
X-Sec.	Notes Chkd.	Checked	Survey by HALISCKY	Notes TALBOT	Date MAY-11-1959
No.	Date	Date	Map No.	Indexed C. Johnson	Date

J.N 5042.14

WELL #19 WATERMAIN GRADES FOR 8" A.C. PIPE



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

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76L-298 S & E #307—1-56

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F. B. 2292 Pg. 174 | Job No. | Division No. 19 WATERMAIN 8" | Notes Red. | Plotted | Date | No. | Profile
Survey of WATERWELL # | Date | Notes Chkd. | Checked | Date | No. | X-Sec.
Survey by HALISCKY Notes TALBOT
Indexed E. C. Johnson Date MAY-11-1959

STATION	B. S.	H. I.	F. S.	ELEV.				
BM-WW #19	509	2446 24		2441 15	BMWW #19 EL = (FB 2292-) SET L&T IN TOP S.E. COR. OF CONC. BASE FOR PUMP AT WELL #19 ON DIVISION ST. 900'± N. OF AVE K-8			
					GRADE	C/E		
0+10			655	2439 69				STK. & TIN 50' E. & 10' SO. OF WELL #19
0+10			666	39 58	24 3516	C4 42		STK. & TIN 10' S. & W. OF 90° BEND = STA. 0+00 8" AC.
0+50			564	40 60	24 3556	C5 04		STK. & TIN 10' W.
1+00			484	41 40	3605	C5 35		"
1+50			435	41 89	3655	C5 34		"
2+00			389	42 35	3704	C5 31		"
2+50			439	41 85	3754	C4 31		"
T.P.	609	2448 52	381	2342 43				SPK. & TIN
3+00			607	42 45	3803	C4 42		STK. & TIN 10' W.
3+50			504	43 48	3853	C4 95		"
3+85			474	43 78	3888	C4 90		"
4+00			459	43 93	3903	C4 90		"
4+50			427	44 25	3952	C4 23		"
5+00			395	44 57	4002	C4 55		"
T.P.	677	2451 58	371	2444 81				SPK. & TIN

NOTE: GRADE SET FOR BOTTOM OF TRENCH 52" BELOW ℄ OF ST.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT	
5+50		245158	6 46	244512	4051	C4 61	STK. & TIN 10' W.
6+00			6 03	4555	4101	C4 54	" " "
6+50			5 64	4594	4150	C4 44	" " "
7+00			5 20	4638	4200	C4 38	" " "
7+50			4 69	4689	24 4250	C4 39	" " "
7+80 1			3 63	4795	24 4280	C5 15	STK. & TIN 10' W. & 10' N. OF 90° BEND IN 8" A.C. PIPE
7+90 1			3 55	234803	24 4290	C5 13	SPK. & TIN 10' SO. OF 90° BEND IN 8" A.C. PIPE
T.B.M. #2			2 04	224954			T.B.M. #2 L&T. IN TOP S.W. COR. CONC. BASE. FOR PUMP AT WELL #8 REF F.B. 1873-192 EL = 2448.71

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. Survey of WATERWELL #19 Survey by HALISCKY Map No. Division No. Notes TALBOT Date MAY-11-1959 Indexed C. Johnson Date

F.B. 2292 Pg. 175

Notes Ck'd by	Survey of AVE K WATERMAIN
Map No.	JN 504270 Tape Std °F
Office Work	Surveyed by S. HALISCKY
Checked	Notes S. HALISCKY Date 5-27-59
Date	Indexed [redacted] O. Johnson

F. B. 2292 PG. 177

J.N 5042.70

AVE K WATERMAIN
FROM
15TH ST W. TO 20TH ST W

PARTY
HALISCKY
RITTER
TALBOT
H.E. MITCHELL

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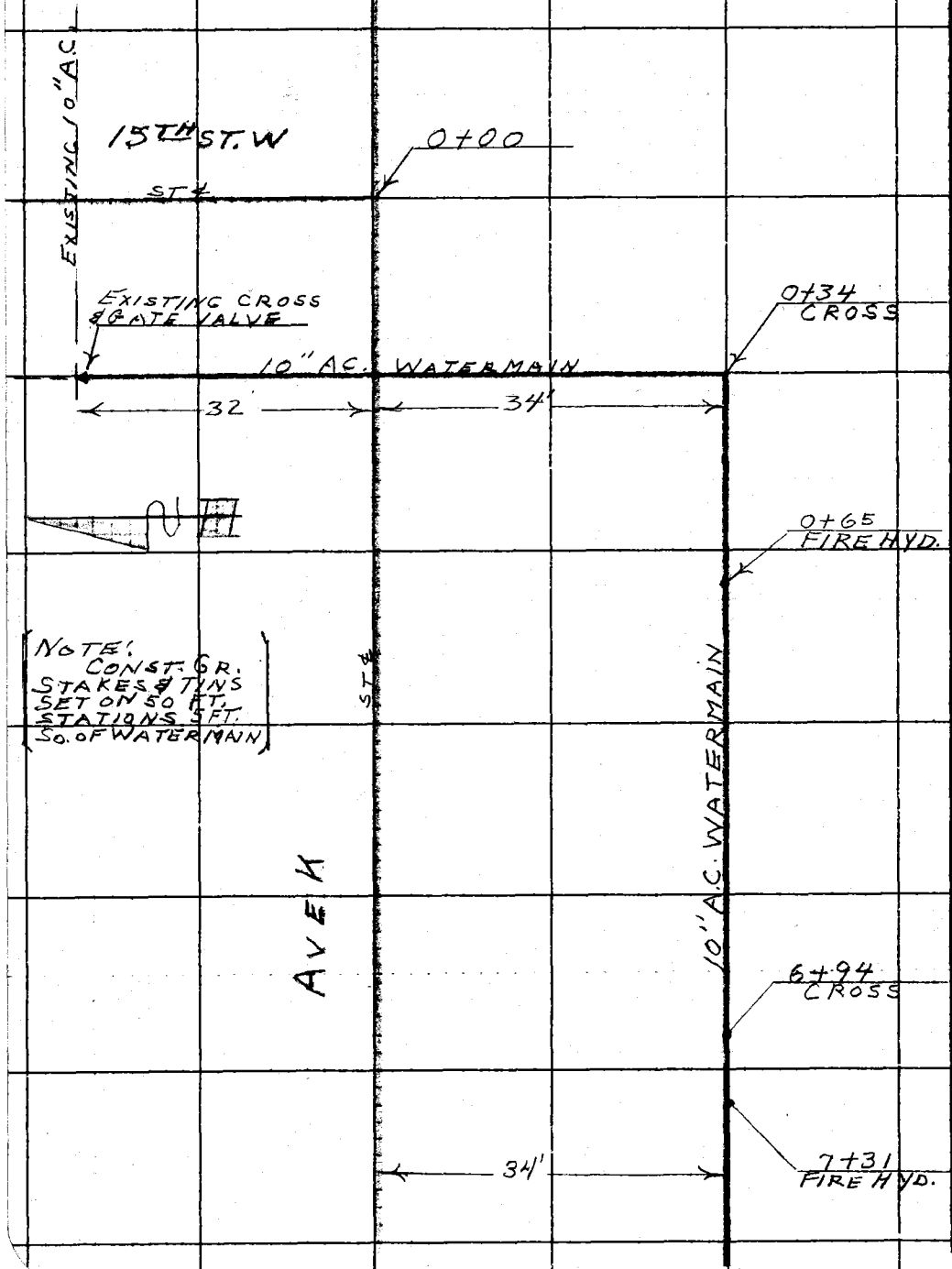
763098 CE #247—7-53

F. B. 2292 PG. 178



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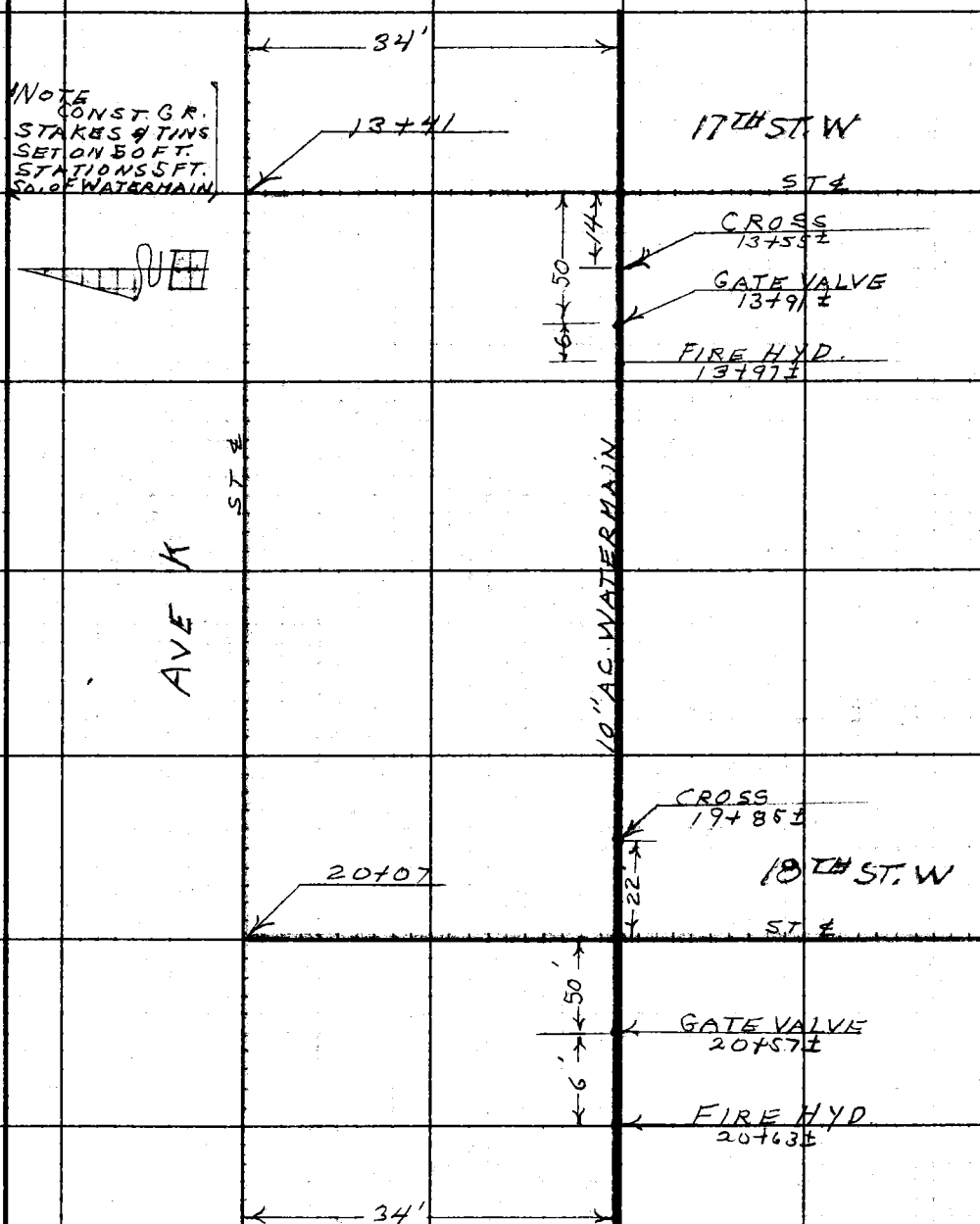
Notes Ck'd by	Survey of AVE K WATERMAIN
Map No.	JN 504270 Tape Std °F
Office Work	Surveyed by S. HALISCKY
Checked	Notes S. HALISCKY Date 5-27-59
Date	Indexed J. C. Johnson

F. B. 2292 PG. 179



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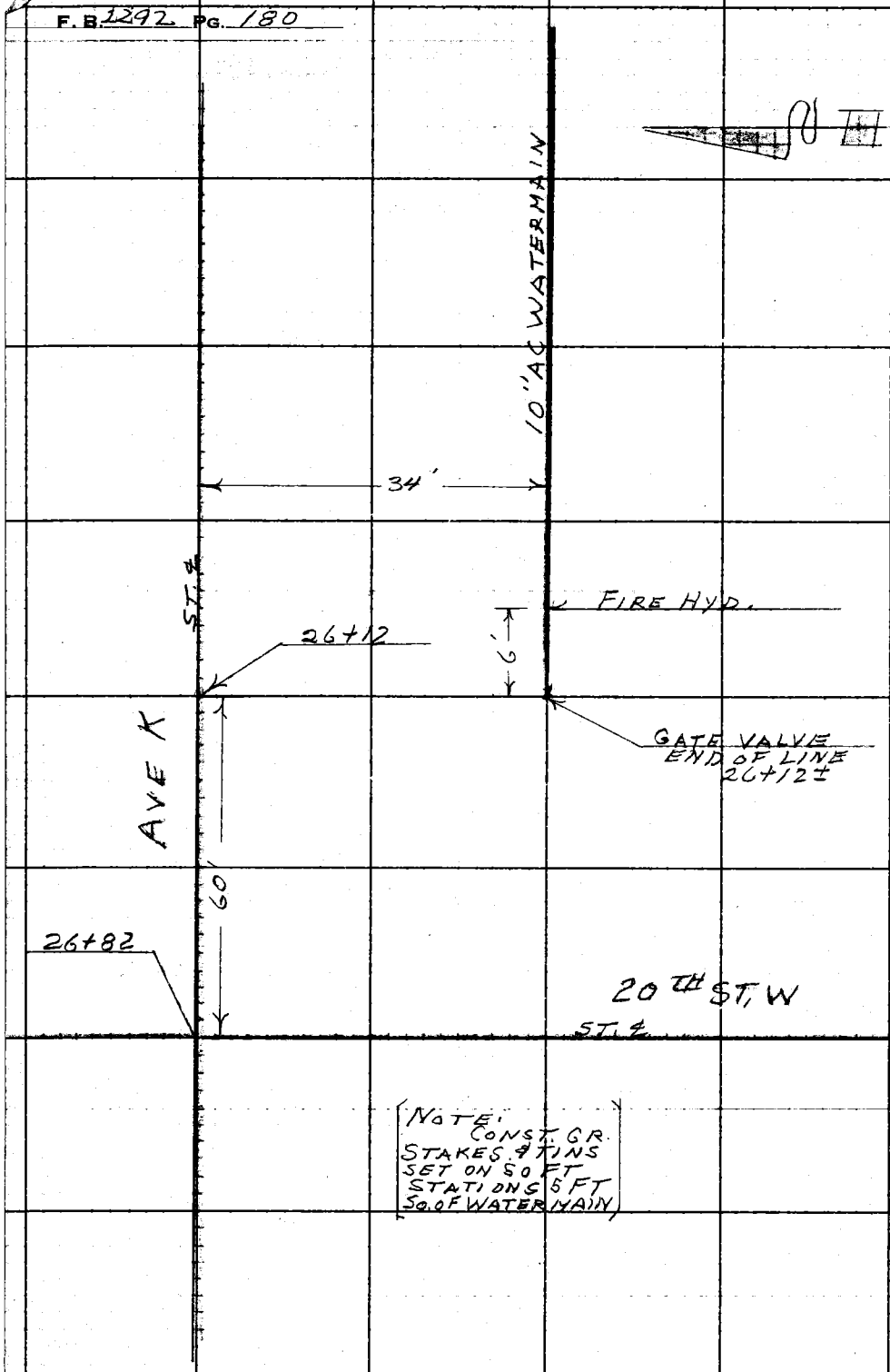
76309S CE #247—7-53

F. B. 1292 PG. 180



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F. B. 2292 Pg. 181

Profile No. Notes Red. Plotted Job No. 5042.70 Division No.
Date Date Survey of AVE K WATERMAIN 15TH W TO 20TH W.
X-Sec. No. Notes Chkd. Checked Survey by S. HALISCKY Notes S H Date 5-27-59
Date Date Map No. Indexed C. Johnson

J.N 5042.70

GRADE STAKES
FOR
AVE K WATERMAIN
FROM
15TH ST. W TO 20TH ST. W.

PARTY
HALISCKY
RITTER
TALBOT
H.E. MITCHELL

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

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.				
BMSL-331	4 35	2396 02		2391 67	BMSL-331 EL=2391.667 (RD. DEPT. LANC. 1957) AVE K & 15TH ST. W. AT ℄ INT. (1/4 SEC. COR.) C.S. MON., BRASS CAP 16" DN IN WELL			
BMSL-332					BMSL-332 EL=2394.634 (RD DEPT. LANC 1957) AVE K & 15TH ST. W. N.E. COR. CHISELED X & PUNCH MARK IN STEEL COLLAR TO 14" STAND PIPE @ 112'± E & 30'± N. OF ℄ INT.			
					GR.		CUT / FILL	
0+00			3 01	2393 01				AVE K & 15TH ST W ℄ INT PAV.
34' No.			3 21	9281	2388	26	C4 55	℄ OF AVE K & 5' E. OF 10" A.C.
℄			3 26	9276				
0+34			2 76	9326	2388	26	C5 00	CROSS 5' SO
℄ PAV.			3 26	9276				AVE K.
0+65			3 40	9262	2388	02	C4 60	
℄			3 50	9252				
1+00			4 17	9185	2387	75	C4 10	
℄			3 77	9225				
1+50			4 15	2391 87	2387	35	C4 52	

NOTE: GRADE GIVEN FOR BOTTOM OF DITCH WHICH IS 54" BELOW THE ℄ OF AVE K.

STATIONING S'SOUTH OF WATERMAIN START FR. 0+34

F. B. 2292 Pg. 182 Job No. 56427 Division No. Notes Red. Plotted Profile
Survey of AVE K WATERMAIN Date Date No.
Survey by S. HALISCKY Notes S. HALISCKY Notes Chkd. Checked X-Sec.
Indexed C. JONES Date 5-28-59 Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GR	CUT / FILL
		2396 02				
℄			4 17	239185		
2+00			4 58	9144	86 92	C 4 52
℄			4 60	9142		
2+50			4 51	9151	86 67	C 4 84
℄			4 85	9117		
3+00			4 52	9150	86 48	C 5 02
℄			5 04	9098		
3+ 50			4 83	9119	86 22	C 4 97
℄			5 30	9072		
4+00	4 16	2394 82	5 36	239066	86 07	C 4 59
℄			4 25	9057		
4+50			4 68	9014	85 83	C 4 31
℄			4 49	9033		
5+00			4 74	9008	85 66	C 4 42
℄			4 66	9016		
5+50			4 67	9015	85 47	C 4 68
℄			4 85	8997		
6+00			5 10	8972	85 26	C 4 46
℄			5 06	8976		
6+ 50			5 14	238968	85 19	C 4 49

Profile Notes Red. Plotted Job No. 504070 Division No.
No. Date Date Survey of AVEK WATERMAIN
X-Sec. Notes Chkd. Checked Survey by HALISCKY Notes S. H. Date 5-28-59
No. Date Date Map No. Indexed C. Johnson Date

F. B. 2292 Pg. 183

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GR	CUT	
		2394 82					
℄			5 13	2389 69			
6+94			5 01	89 81	85 28	C 4 53	CROSS
℄			5 04	89 78			
7+00			—				
℄			—				
7+31			5 14	89 68	85 38	C 4 30	FIRE HYD.
℄			4 94	89 88			
7+50			5 30	89 52	85 45	C 4 07	
℄			4 87	89 95			
8+00	6 75	2396 23	5 34	2389 48	85 68	C 3 80	
℄			6 05	90 18			
8+50			6 82	89 41	85 90	C 3 51	
℄			5 83	90 40			
9+00			6 39	89 84	86 07	C 3 77	
℄			5 66	90 57			
9+50			6 22	90 01	86 26	C 3 75	
℄			5 47	90 76			
10+00			5 07	91 16	86 55	C 4 61	
℄			5 18	91 05			
10+50			4 26	91 97	86 89	C 5 08	
℄			4 84	2391 39			

F. B. 2292 Pg. 184 Job No. 504270 Division No. Notes Red. Plotted Profile
Survey of AVEK WATER MAIN Date Date No. X-Sec.
Survey by HALISCKY Notes HALISCKY Notes Chkd. Checked
Indexed C. Johnson Date 5-28-59 Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	GR	CUT/FILL		
		2396 23						
11+00			3 09	2393 14	2387	0.5	C6 09	
℄			4 68	91 55				
11+50			2 80	93 43	2387	18	C6 25	
℄			4 55	91 68				
12+00	4 01	2397 53	2 71	2393 52	2387	27	C6 25	
℄			5 76	91 77				
12+50			4 15	93 38	87	29	C-6 09	
℄			5 74	91 79				
13+00			4 00	93 53	87	01	C-6 52	
℄			6 02	91 51				
13+55			6 01	91 52	86	90	C-4 62	CROSS
℄			6 13	91 40				
13+91			4 70	92 83	86	83	C-6 00	GATE VALVE
℄			6 20	91 33				
13+97			4 64	92 89	86	82	C-6 07	FIRE HYD.
℄			6 21	91 32				
~~14+00~~			~~5 12~~	~~92 41~~	~~86~~	~~65~~	~~C-5 76~~	RLT } STA. 14+00 DOES
~~℄~~			~~6 38~~	~~91 15~~				RLT } NOT EXIST ON GROUND.
14+50			5 12	92 41	2386	65	C-5 76	
℄			6 38	2391 15				

Profile Notes Red. ____ Plotted ____ Job No. 5041 70 Division No. ____ F. B. 2292 Pg. 185
No. ____ X-Sec. ____ Date ____ Date ____ Survey of AVEK WATER MAIN
Notes Chkd. ____ Checked ____ Survey by HALSCHY Notes S. H. Date 8-28-59
No. ____ Date ____ Date ____ Map No. ____ Index No. C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.	GR	CUT / FILL
1		2397 53				
15+00			5 76	2391 77	2386 34	C-5 43
℄			6 69	90 84		
15+50			6 52	91 01	86 07	C-4 94
℄			6 96	90 57		
16+00	4 50	2395 47	6 56	2390 97	85 95	C-5 02
℄			5 02	90 45		
16+50			4 85	90 62	85 79	C-4 83
℄			5 18	90 29		
17+00			4 38	91 09	85 77	C-5 32
℄			5 20	90 27		
17+50			4 83	90 64	85 60	C-5 04
℄			5 37	90 10		
18+00			4 95	90 52	85 46	C-5 06
℄			5 51	89 96		
18+50			4 87	90 60	85 32	C-5 28
℄			5 65	89 82		
19+00			4 79	90 68	85 06	C-5 62
℄			5 91	89 56		
19+50			4 85	90 62	84 87	C-5 75
℄			6 10	2389 37		

F. B. 2292 Pg. 186 Job No. 504270 Division No. Notes Red. Plotted Profile
Survey of AVE K WATERMAIN Date Date No. X-Sec.
Survey by HALISCKY Notes HALISCKY Notes Chkd. Checked
Indexed C. JOHNSON Date 5-28-59 Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	GR	CUT / FILL	
		2395 47					
19+85			6 79	8868	84 67	C 4.01	CROSS
℄			6 30	8917			
20+00	5 10	2393 70	6 87	2388 60	84 55	C 4 05	RD. SO
℄			4 65	89 05			RD.
20+57			3 72	89 98	84 20	C 5 78	GATE VALVE
℄			5 00	88 70			
20 ± 63			3 76	89 94	84 14	C 5 80	FIRE HYD.
℄			5 06	88 64			
21+00			3 89	89 81	84 01	C 5 80	
℄			5 19	88 51			
21+50			4 19	89 51	83 93	C 5 58	
℄			5 27	88 43			
22+00			4 66	89 04	83 84	C 5 20	
℄			5 36	88 34			
22+50			5 11	88 59	83 76	C 4 83	
℄			5 44	88 26			
23+00			5 22	88 48	83 59	C 4 89	
℄			5 61	88 09			
23 ± 50	3 61	2391 89	5 42	2388 28	83 44	C 4 84	
x ℄			3 85	87 94			

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 504270 Division No. Survey of AVE K WATER MAIN Survey by HALISCH Notes 5-28-59 Map No. Indexed Date

F. B. 2292 PG. 187

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STATION	B. S.	H. I.	F. S.	ELEV.	GR	CUT / FILL	
		2391 89					
24+00			3 26	88 63	83 47	C 5 16	
℄			3 82	87 97			
24+50			2 94	88 95	83 55	C 5 40	
℄			3 84	88 05			
25+00			2 72	89 17	83 33	C 5 84	
℄			4 06	87 83			
25+50			3 27	88 62	83 01	C 5 61	
℄			4 38	87 51			
26+00			—				
℄			—				
26+06			3 30	88 59	82 68	C 5 91	FIRE HYD
℄			4 71	87 18			
26+12			3 30	88 59	82 67	C 5 92	END LINE.
℄			4 72	87 17			
℄ INT			4 75	87 14			
BMSL-321			5 99	2385 90			

BMSL-321 EL=2385 899 (RD DEPT, LANG. 1957)
AVE K & 20TH ST. W. AT ℄ INT (SEC. COR.)
C.S. MON., BRASS CAP, 16" DN. IN WELL

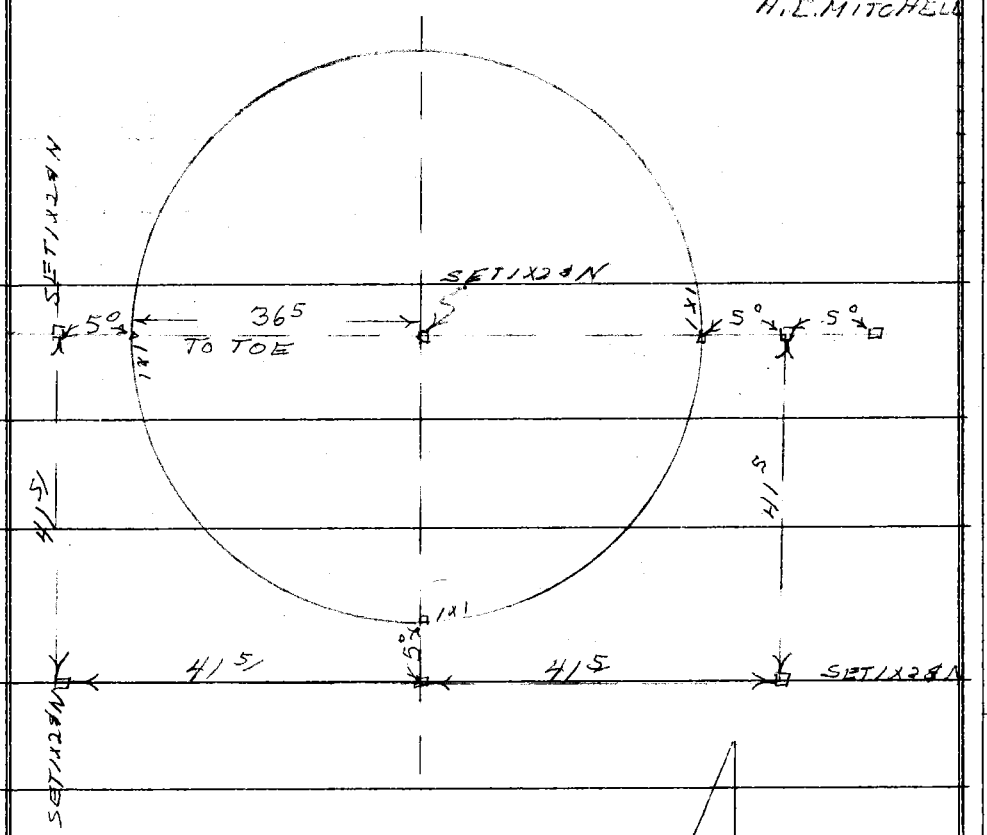
F. B. 2292 Pg. 188
Job No. 504270 Division No. Notes Red. Plotted Profile
Survey of AVE K WATERMAIN Date Date No.
Survey by HALISCKY Notes Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date 5-24-59 Date Date No.

Profile	Notes Red.	Plotted	Job No. 5042.86	Division No.	F. B. 2292	Pg. 189
No.	Date	Date	Survey of WELL SITE #10			
X-Sec.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S.H	Date 6-11-59	
No.	Date	Date	Map No.	Indexed O. Johnson	Date	

J.N. 5042.86

WELL SITE #10
STAKING & GRADE FOR TANK PAD
170 FT SO.
OF
702½ W. AVE H-13

PARTY
HALISCKY
TALBOT
RITTER
H.L. MITCHELL



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F. B. 2292 Pg. 190 Profile No. ___ Plotted ___ Notes Red. ___ Division No. ___ Job No. 5042.86 Date ___ Notes Chkd. ___ Date ___ Date 6-11-59 Checked ___ Date ___ Indexed ___ Date ___

Survey of WELL SITE #10 Date ___ No. ___ X-Sec. ___

Survey by HALLSCKY Notes ___ Johnson

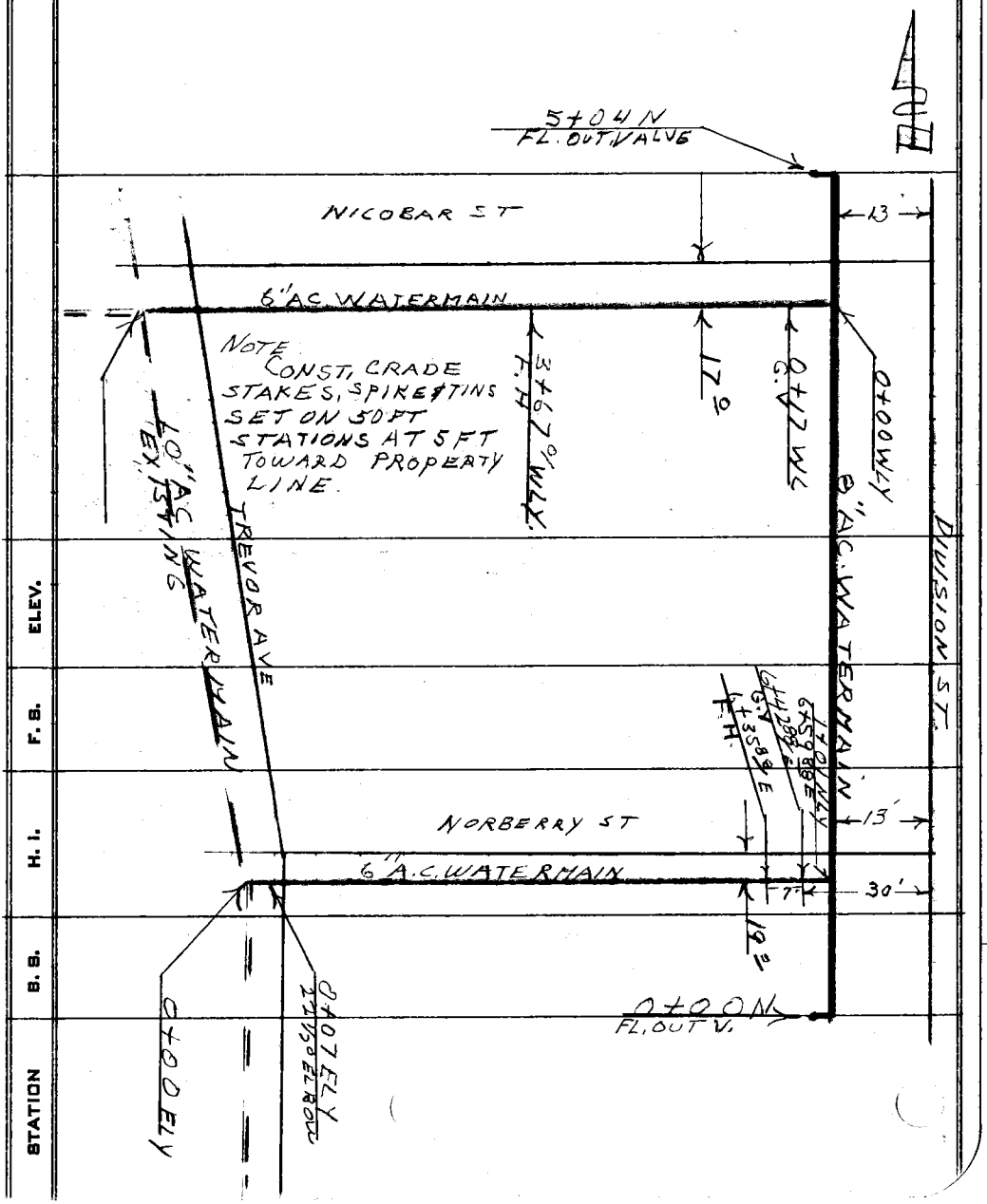
STATION	B. S.	H. I.	F. S.	ELEV.		
BM-W.S #10	367	2340.57		2336.90	BM W.S #10 EL. 2336.90 REF. J.N 5042.86 FILE #W.W. 4-C-510; SE COR CONC. BLOCK OF WELL #10; 170'S. OF 702½ W. AVE H-13	
					GR.	
5FT. E				35.3	2335.3	EAST SIDE OF PAD (TOE) 1X2
5FT. E				35.8	2335.8	" " " " SHOULDER 1X2
10FT. E				35.3	2335.3	" " " " (TOE) 1X2
10FT. E				35.8	2335.8	" " " " SHOULDER 1X2
So. E. COR				35.3	2335.3	4½ SO & 4½ E. OF CENTER OF PAD (EL. FOR EAST EDGE) TOE 1X2
"				35.8	2335.8	" " " " " " (SHOULDER)
5FT. SO				35.3	2335.3	SO. SIDE OF PAD (TOE) 1X2
"				35.9	2335.9	4½ SO & 4½ W. OF CENTER OF PAD (EL. FOR WEST EDGE TOE PAD) 1X2 (SHOULDER)
S.W. COR				35.3	2335.3	
"				35.8	2335.8	" " " " " (SHOULDER)
5FT. W				35.3	2335.3	WEST EDGE OF PAD (TOE)
"				35.8	2335.8	" " " " (SHOULDER)

SEE PAGE 150

Profile No.	Notes Red.	Plotted	Job No. 1996/5	Division No.	F. B. 2292 Pg. 191
	Date	Date	Survey of NICOBAR ST. WATER SYSTEM		
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKI	Notes S.H	Date 6-12-59
	Date	Date	Map No.	Indexed C. Johnson	

J. N. 1996 15

NICOBAR ST WATER SYSTEM
STAKING & GRADE FOR WATERMAIN



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

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76L-298 S & E #307—1-56

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F.B. 2292 Pg. 192 Job No. 1996/5 Division No. Notes Red. Plotted Profile
Survey of NIGOBAR WATER SYST. Date Date No. X-Sec.
Survey by HAWLSEY Notes Notes Chkd. Checked
Index C. Job Date 6-12-59 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.				
BM SL-49	778	2369 66		2361 88	BM-SL 49 ELEV. 2361.884 RD. DEPT LANCASTER 1957 TREVOR AVE & NEWGROVE ST, AT ℄ INT. C.S. MON IN HANDHOLE (E. EDGE)			
	856	2375 23	2 99	2366 67	GRADE	C / F		℄ INT TREVOR & NORBERRY NORBERRY ST FR. TREVOR TO DIV. ST (EX. 10 AC. PIPE)
0+00 ELY			—					
0+07			881	2366 42	2363.00	C-3 42		GATE VALVE 5°SO
0+09			866	6657	23.63.00	[illegible]		22½° BEND 5°SO
0+50			610	6913	63.36	C-5 77		"
1+00			550	6973	63.72	C-6 01		"
1+50			490	7033	64.07	[illegible]		"
2+00			338	7185	64.43	C-7 42		"
2+50			429	7094	64.79	C-6 15		"
3+00			396	7127	65.15	C-5 12		"
3+50			474	7049	65.51	C-4 48		"
4+00	541	2375 41	523	2370 00	65.86	C-4 14		"
4+50			543	6998	66.22	C-3 76		"
5+00			512	7029	66.58	[illegible]		"
5+50			488	7053	66.94	C-3 59		"
6+00			469	7072	67.30	[illegible]		"
6+85 88			476	7065		—		F.H. 5°SO.
6+12 88			471	2370 70	2367.70	—		G.V. 5°SO
					67.76			

T 0.7165 ft GRADE GIVEN TO BOTTOM OF DITCH (4" BELOW PAVEMENT)

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F	
		2375 41					
0+00 NLY			371	2371 70	236789	C-381	(DIV. ST. 120 FT SO. OF WORBERRY W SIDE (S 0° W)
ST ℄			302	7239			
0+50			437	7104	6742	C-362	
ST ℄			349	7192			
0+96			473	7068	6707	C-361	
ST ⌒ ℄			384	7157			
1+50			497	7044	6662	C-382	
ST ℄			429	7112			
2+00			502	7039	6627	C-412	
ST ℄			464	7077			
2+50			550	6991	6583	C-403	
ST ℄			510	7031			
3+00	434	2374 23	552	2369 89	6535	C-454	
ST ℄			438	6985			
3+50			489	6934	6493	C-441	
ST. ℄			480	6943			
4+00			556	6867	6445	C-422	
ST ⌒ ℄			528	6895			
4+50			622	2368 01	6403	C-398	

Profile Notes Red ____ Plotted ____ Job No. 2295 Division No. ____ F. B. 2292 Pg. 193
No. ____ X-Sec. ____ Date ____ Date ____ Survey of VICOBAR WATER SYST.
No. ____ Notes Chkd. ____ Checked ____ Survey by HAVISKY Notes SH Date 6-12-59
Date ____ Date ____ Map No. ____ Index ____ O. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C / F	
		23 74 23					
ST ℄			5 70	236853			
5+04 NLY			6 68	6755	236366	C-389	
ST ℄			6 07	6816			
0+00 WLY							INT 8" AC. ON DIV & 6" AC. ON NICOBAR.
0+05			5 30	6893	—	—	5° SO. & 5° W OF PIPELINES
ST ℄			5 36	6887		—	
0+17			4 96	6927		—	G.V. 5° FT SO.
ST. ℄			5 46	6877			
0+50			4 89	6934	236524	C-422	
ST ℄			5 32	6891			
1+00			4 99	6924	6565	C-359	
ST. ℄			4 91	6932			
1+50			4 79	6944	6531	C-413	
ST ℄			5 25	6898			
2+00			5 12	6911	6521	C-390	
ST ℄			5 35	6888			
2+50			5 36	6887	6467	C-420	
ST ℄			5 89	236834			

F. B. 2292 Pg. 194
Job No. 199615 Division No. Notes Red. Plotted Profile
Survey of NICOBAR WATER SYST. Date Date No.
Survey by HALISCKY Notes HALISCKY Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date 6-12-59 Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C / F
		2374 23				
3+00	3 12	2371 83	5 52	2368 71	6461	C-415
ST. ℄			3 55	6828		
3+50			2 71	6912	6779	C-463
ST. ℄			3 67	6816		
3+67 F.H			2 76	6907	6936	C-471
ST ℄			3 80	6803		
4 ± 00			2 91	6892	6799	C-493
ST. ℄			4 17	6766		
4+50			4 29	6754	6337	C-417
ST. ℄			4 79	6704		
5+00			4 62	6721	6312	C-409
ST. ℄			5 04	6679		
5+50			5 70	6613	6255	C-358
ST. ℄			5 61	6622		
6+00			5 43	6640	6219	C-421
ST ℄ T.P	4 21	2370 07	5 97	2365 86		
6+50			4 25	6582	6181	C-391
ST ℄			4 49	6558		
7 ± 00			4 34	6573	6109	C-464
ST ℄			5 31	6476		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1996/5 Division No. ____ F. B. 2292 Pg. 185
X-Sec. No. ____ Date ____ Date ____ Survey of NICOLAS & ST. WALTER SYST
Notes Chkd. ____ Checked ____ Survey by HAL KEPP Notes 5, 4 Date 6-12-55
Date ____ Date ____ Map No. ____ Index ____ C. Johnson

F. B. 2292 Pg. 196 Job No. 199615 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of NICOBAR ST. WATER SYST. Date _____ Date _____ No. _____

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

Indexed C. Johnson Date 6-12-59 Date _____ Date _____ No. _____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		2370.07	5 17 236490		± INT TREVOR AVE & NICOBAR.	
			8 22 236185			

Notes Ck'd by	Survey of AVE H-8 WATERMAIN
Map No.	JN 50422 Tape 144 Std 84 °F
Office Work	Surveyed by HALISCKY
Checked	Notes Date 6-30-59
Date	Indexed L. O. Johnson

F. B. 2292 PG. 197

J.N 5042.72

WATERWORKS DIST #4

LOCATING POWER POLES

ON

AVE H-8

BET. DIVISION ST & 3RD ST E.

PARTY

HALISCKY
RITTER
TALBOT
H.E. MITCHELL

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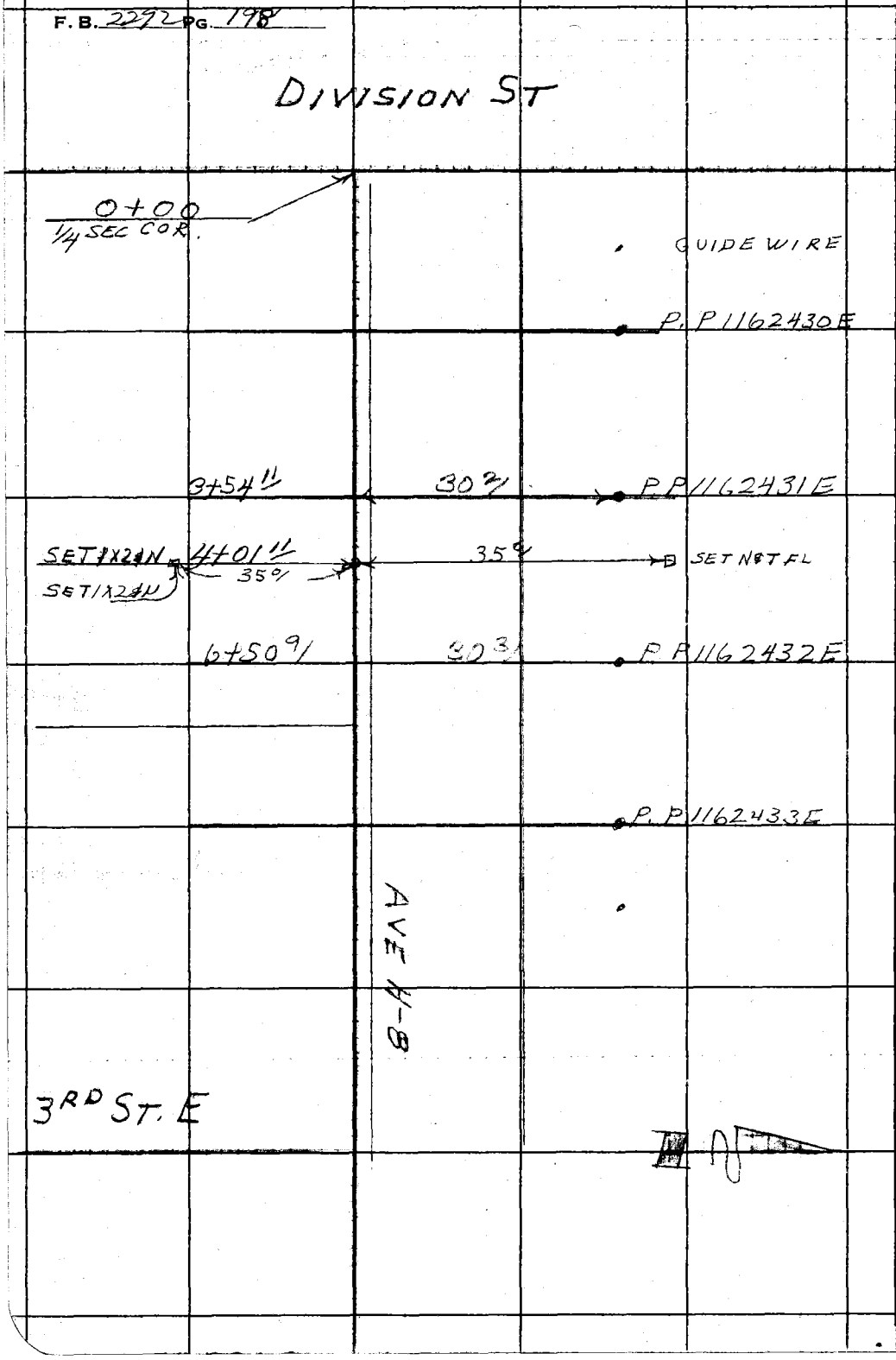
762098 CE #247—7-53

F. B. 2292 PG. 198



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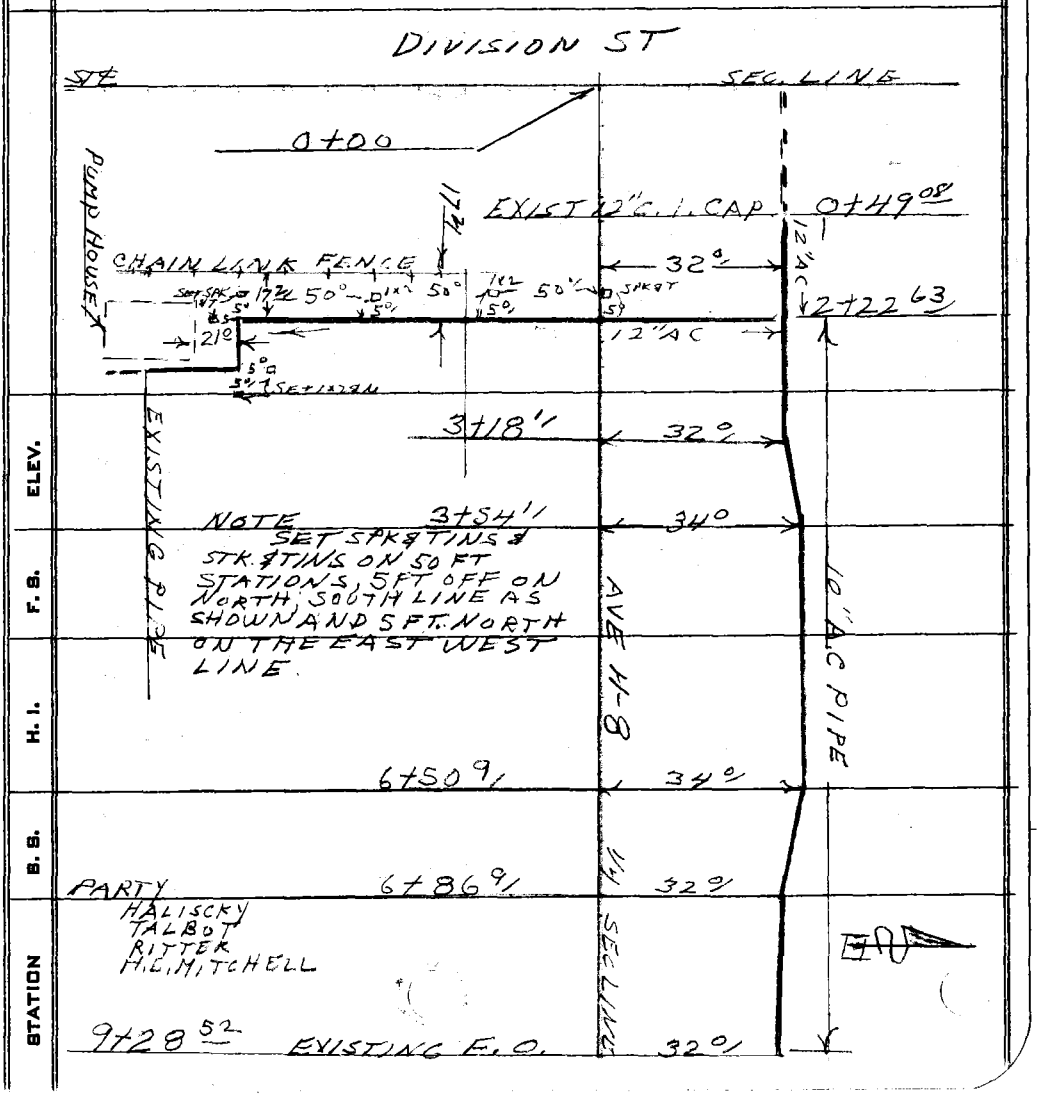
Profile No.	Notes Red.	Plotted	Job No. 5042.72	Division No.	F. B. 2292 Pg. 199
	Date	Date	Survey of AVE H-8 WATERMAIN EXTENSION		
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S.H.	Date 7-1-59
	Date	Date	Map No.	Indexed C. Johnson	Date

J.N 5042.72

CONST. STAKING & GRADE FOR AVE H-8 WATERMAIN EXTENSION FROM DIVISION ST ELY 9+28.52 TO EXIST F.O.



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STATION	B. S.	H. I.	F. S.	ELEV.			
BM #DIV.-H-8	6 26	2341 78		233552	BM "DIV-118 EL=2335.525 (FB 2292-75) DIVISION ST. & AVE H-8 AT ℄ INT. TOP BRASS CAP C.S. MON. 16" DN IN WELL 1/4 COR BET SECTIONS 10, 11, T7N, R12W		
							ON AVE H-8 FR 0+49'-9+28.52
0+00			492	233686			℄ INT DIV. & H-8 ON PAV
0+49'			523	3655	233189	CH 66	STK & T 5' No
PAV			489	3689			
1+00			483	3695	233194	CS 01	
PAV			484	3694			
1+50			468	3710	233196	CS 14	
PAV.			482	3696			
2+00			443	3735	233221	CS 14	
PAV			457	3721			
2+22 63			446	3732	233227	CS 05	(TEE TO SO) STK & T 5' No.
PAV.			451	3727			
2+50			416	3762	233243	CS 19	DITCH TO BE 58" BELOW PAV
PAV			451	233727			

DITCH TO BE 60" BELOW PAV.

F. B. 2292 Pg. 200 Job No. 50427 Division No. Notes Red. Plotted Profile
Survey of AVE H-8 WATERMAIN EXTENSION Date Date No. X-Sec.
Survey by HALISCKY Notes HALISCKY Notes Chkd. Checked No.
Indexed C. Jordan Date 7-1-59 Date Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GR	CUT		
		2341 78						
3+00			422	2337 56	23 3286	C4 70	PITCH TO BE 55" BELOW PAV.	
PAV (AHD)			434	3744				
3+18'	535	2342 81	432	2337 46	23 3305	C4 41	BOTTOM OF DITCH 54" BELOW EXIST. PAV.	
PAV (AHD)			526	3755				
3+54'			507	3774	233317	C4 57		
PAV			514	3767				
4 ± 00			490	3791	233329	C4 62		
PAV			502	3779				
4+50			468	3813	233341	C4 72		
PAV			490	3791				
5+00			472	3809	233359	C4 50		
PAV			472	3809				
5+50			449	3832	233358	C4 24		
PAV			473	3808				
6+00			466	3815	233370	C4 45		
PAV (AHD)			461	3820				
6+50'	524	2343 67	438	2338 43	233383	C4 60		
PAV			534	3833				
6 ± (AHD) 869'			488	3879	03 9395	C4 84		
PAV			522	2338 45				

Profile Notes Red. ____ Plotted ____ Job No. 5042.72 Division No. ____
No. X-Sec. ____ Date ____ Date ____ Survey of AVE H-8 WATERMAIN EXTENSION
Notes Chk'd ____ Checked ____ Survey by HALISCKY Notes S.H. Date 7-1-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson Date ____

F. B. 2292 PG. 201

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GR	CUT		
		2343 67						
7+00			4 77	2338 90	233401	C4 89	BOTTOM OF DITCH 54" BELOW EXIST. PAV.	
PAV			5 16	38 51				
7+50			4 74	38 93	23 3413	C4 80		
PAV			5 04	38 63				
8+00			4 50	39 17	23 3434	C4 83		
PAV			4 83	38 84				
8+50			4 29	39 38	233443	C4 95		
PAV			4 74	38 93				
9+00			4 81	38 86	233445	C4 41		
PAV			4 72	38 95				
9+28 52	3 65	2343 48	3 84	2339 83				
T.P.	4 34	2342 77	5 05	2338 43				6+50 91
	4 58	2342 33	5 02	2337 75				
		TURN TO	Pg. 203					

F. B. 2292 Pg. 202

Job No. 5042.72 Division No. Notes Red. Plotted Profile

Survey of ANE. H-8 WATERMAIN EXTENSION Date Date No. X-Sec.

Survey by HALISCKY Notes S.H. Notes Chkd. Checked No.

Indexed C. Johnson Date 7-1-59 Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	12" AC LINE FR. 21 FT NO. OF PUMP HOUSE			
					NLY TO TEE 32 FT NO OF H-8			
					GR	CUT		
		234233						
			4 20	233813				5 FT. E
0+00			4 07	3826	233326	C5 00	60" BELOW EXIST. GROUND	5 FT. W
0+50			4 82	3751	233293	C4 58		
1+00			5 11	3722	233260	C4 62		
1 ± 50			5 06	233727	233227	C5 00	SPK & TPAV.	
T.P.	4 79	234189	5 23	233710				
BM DIV-H8			6 37	233552			BM DIV-H8 ELEV: 2335.525 (F.B. 2292-75) (FOR DESC SEE PG. 200)	

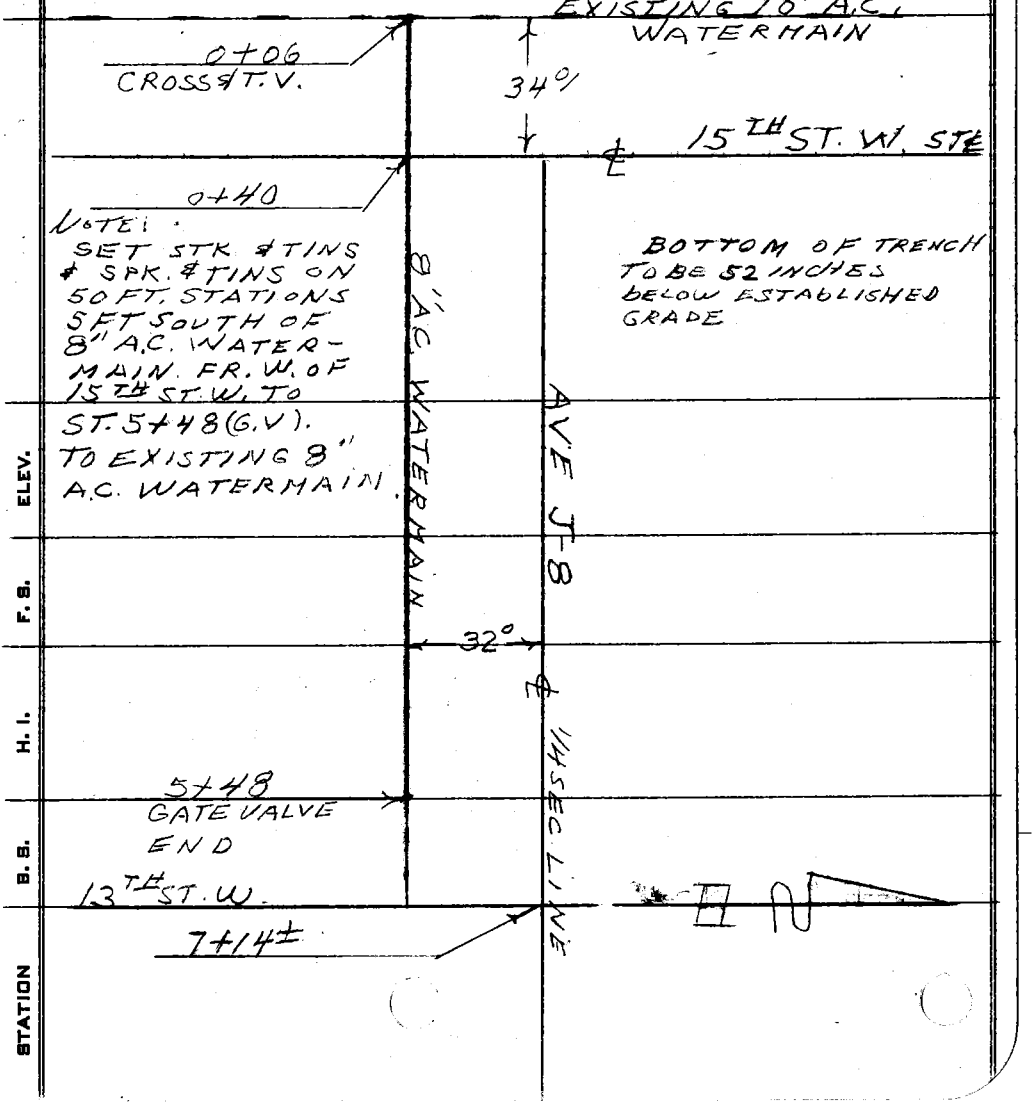
Profile Notes Red. ____ Plotted ____ Job No. 5042.72 Division No. ____ F. B. 2292 Pg. 203
No. ____ Date ____ Date ____ Survey of AVE H-8 WATERMAIN EXTENSION
X-Sec. Notes Chkd. ____ Checked ____ Survey by HALISCKY Notes S.H. Date 7-1-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

Profile No.	Notes Red.	Plotted	Job No. 504235	Division No.	F. B. 2292 Pg. 205
	Date	Date	Survey of AVE J-8 WATERMAIN		
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S.H.	Date 7-16-59
	Date	Date	Map No.	Indexed C. Johnson	Date

J.N. 5042.35

CONSTRUCTION STAKING & GRADE FOR AVE J-8 WATERMAIN

HALISCKY
TALBOT
RITTER
H.E. MITCHELL
STROMBERG



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STATION	B. S.	H. I.	F. S.	ELEV.				
BM."A"	6 45	2377 90		2371 45	BM."A" EL.=2371.455 F.B 1846-229 15TH ST. W, & AVE J-8, S.W. COR. 60' So. & 60' W, OF ℄ INT. TOP OF E. EDGE OF 2" I.P & CEM. PL. 6" UP.			
					%	BOT. TRENCH GRADE	CUT	
℄ INT			9 45	—				15TH ST. W & AVE J-8 PAV.
32°/' So			9 03	2368 87		2364.54		32° So FR 1/4 COR ON ℄ 15TH ST. W. PAV.
0+06			8 12	—		JOIN		STK & T. 5' SO.
0+40			8 92	2368 98	60.0+%	2364.54	C4.44	SPK & T 5' SO
1+00			5 84	72 06		2365.03	C7 03	STK & T. 5' SO
1+50			5 42	72 48		2365.43	C7 05	" " "
2+00			5 18	72 72		2365.83	C6 89	" " "
2+50			5 03	72 87		2366.24	C6 63	" " "
3+00			4 82	2373 08		2366.64	C6 44	" " "
3+50	5 82	2378 60	5 12	2372 78		2367.05	C5 73	" " "
4+00			6 26	72 34		2367.45	C4 89	" " "
4+50			5 15	73 45		2367.86	C5 59	" " "
5+00			4 40	74 20		2368 26	C5 94	" " "
5+48 GV			4 58	74 02		2368 65	C5 37	" " "

BOTTOM OF TRENCH TO BE 52 INCHES BELOW ESTABLISHED GRADE

F. B. 2292 Pg. 206 Job No. 50423 Division No. Notes Red. Plotted Profile
Survey of AVE J-8 WATERMAIN Date Date No. X-Sec.
Survey by HALISCKY Notes S.H. Notes Chkd. Checked
Indexed C. Johnson Date 7-16-59 Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT. TRENCH GRADE	CUT	
		2378 60						
T.C. 5+48			4 50	237410		—		TOP OF SIDE RD
7+14± TOP			4 28	237432		2369 99	—	℄ INT 13TH W & J-9 PAY.
FIRE HYD	1 00	237847	1 13	237747				
T P	5 33	2377 68	6 12	2372 35				
			9 98	2367 70		TOP BRASS CAP MON (C.S) INT 15TH ST W & AVE J-9 8" DN.		
BM "A"			6 23	2371 45		SEE Pg 2[illegible]		

Profile Notes Red. ____ Plotted ____ Job No. 50 42 35 Division No. ____ F. B. 2292 Pg. 207

No. ____ X-Sec. ____ Date ____ Date ____ Survey of AVE W-8 WATER MAIN

No. ____ Notes Chk'd ____ Checked ____ Survey by HALLSCHY Notes S.K. Date 7-16-59

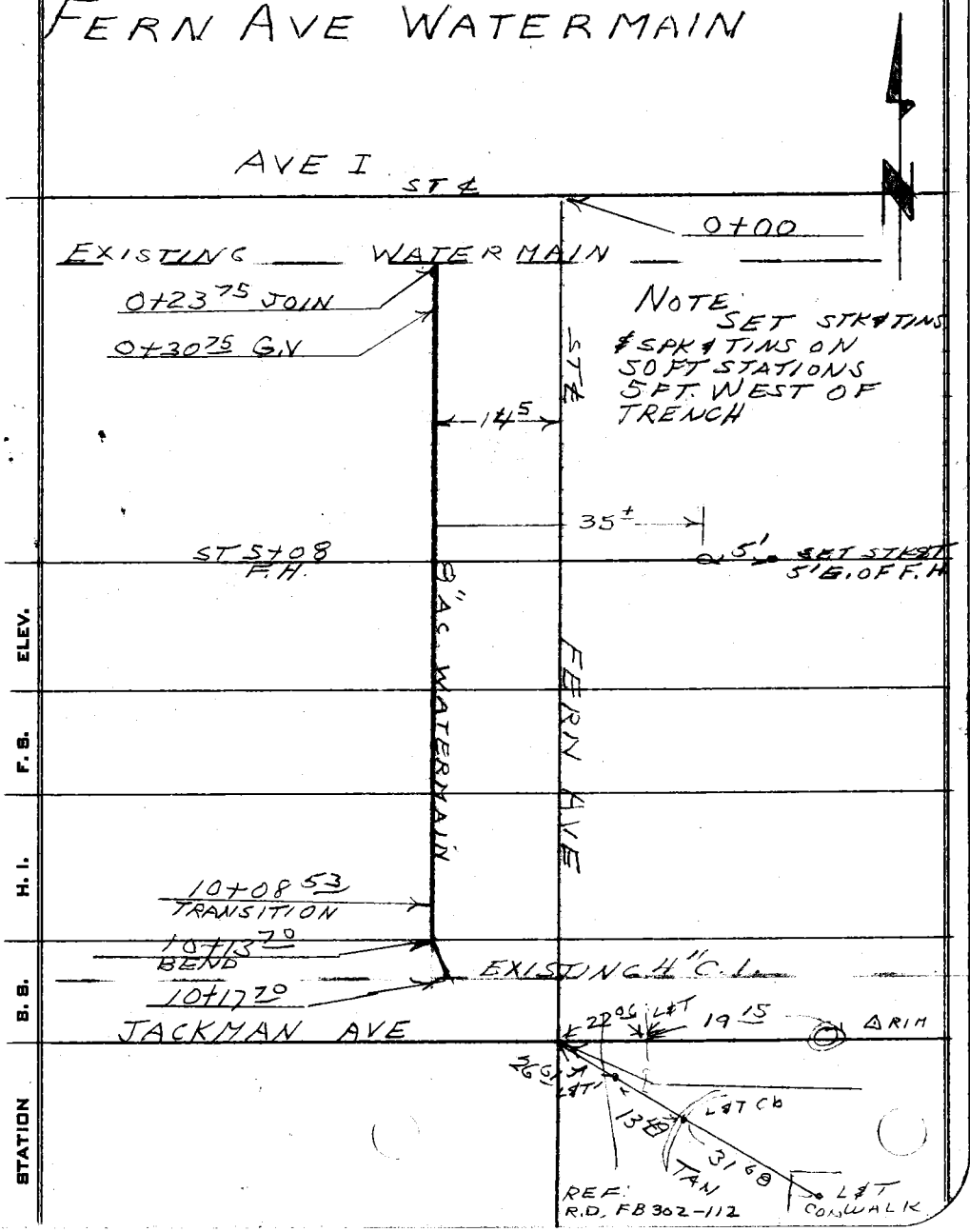
Date ____ Date ____ Map No. ____ Indexed R. C. Johnson Date ____

Profile No.	Notes Red.	Plotted	Job No. 5042.68	Division No.
	Date	Date	Survey of FERN AVE WATERMAIN	
X-Sec. No.	Notes Chkd.	Checked	Survey by HALLSCK	Notes S.H. Date 7-17-59
	Date	Date	Map No.	Indexed C. Johnson

F. B. 2292 Pg. 209

J.N. 5042.68

CONSTRUCTION STAKING & GRADE FOR FERN AVE WATERMAIN



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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT		
BMSL24-A	4 30	2340 52		233622	BMSL24-A EL=2336.223 (RD. DEPT LANC. 1957) AVE I (35± SO OF ℄) AT 115± E. OF FERN AVE. L&BN IN W. CB. DRWY TO HOUSE UNITS #752-#750			
℄ INT			4 95	233557				FERN & AVE. I
0+23 75	EXIST CROSS		4 96	233556		JOIN		
℄ PAV			5 43	3509				
0+30 75			4 63	3589	23 3098	C4 91		STK & TIN, 5'W OF WATERMAIN
℄ PAV			5 21	3531				
0+50			5 19	3533	23 3120	C4 13		
℄ PAV			4 99	3553				
1+00			4 80	3572	23 3157	C4 15		
℄ PAV			4 62	3590				
1+50			4 29	3623	23 3180	C4 43		
℄ PAV			4 39	3613				
2+00			4 00	3652	23 3202	C4 50		
℄ PAV			4 17	3635				
2+50			3 82	3670	23 3224	C4 46		
℄ PAV			3 95	3657				
3+00	5 66	2342 22	3 96	233656	23 3245	C4 11		
℄ PAV			5 44	233678				

F. S. 2292 Pg. 210

Job No. 50426 Division No. Notes Red. Plotted Profile
Survey of FERN AVE WATERMAIN Date Date No.
Survey by HALISEY Notes Notes Chkd. Checked X-Sec.
Indexed C. JOHNSON Date 7-17-59 Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	% GRADE	CUT.	
		2342 22					
3+50			5 47	233675	23 3273	C4 02	STK & TIN, 5'W. OF WATERMAIN
℄ PAV			5 16	3706			
4+00			5 24	3698	23 3301	C3 97	
℄ PAV			4 88	3734			
4+50			4 89	3733	23 3327	C4 06	
℄ PAV			4 62	3760			
5+00			4 50	3772	23 3357	C4 15	
℄ PAV			4 32	3790			
5+08 TEE			4 38	3784	23 3362	C4 22	
℄ PAV			4 27	3795		—	
F.H 35'E			4 53	3769	23 3362	C4 07	STK & TIN, 5'E OF FIRE HYD 5'W OF WATERMAIN
—			—	—			
5+50			4 13	3809	23 3390	C4 19	
℄ PAV			3 99	3823			
6+00			3 68	3854	23 3427	C4 27	
℄ PAV			3 62	3860			
6+50	6 05	2344 86	3 41	233881	23 3461	C4 20	
℄ PAV			5 92	3894			
7+00			5 67	3919	233498	C4 21	
℄ PAV			5 55	233931	~~23 3498~~	~~C4 33~~	

Profile Notes Red. Plotted Job No. 504268 Division No. F. B. 2292 Pg. 211
No. Date Date Survey of FERN AVE. WATERMAIN
X-Sec. Notes Chkd. Checked Survey by HAUSLER Notes SH Date 7-17-59
No. Date Date Map No. Index 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.	GRADE	CUT	
		2344 86					
7+50			5 59	2339 27	23 3531	C3 96	STK & TIN, 5' W. OF WATERMAIN.
℄ PAV			5 22	39 64			
8+00			5 18	39 68	23 3563	C4 05	
℄ PAV			4 90	39 96			
8+50			4 69	40 17	23 36 03	C4 14	
℄ PAV.			4 50	40 36			
9+00			3 79	41 07	23 3638	C4 69	
℄ PAV			4 15	40 71			
9+50			4 06	40 80	23 36 60	C4 20	
℄ PAV.			3 93	40 93			
10+00			3 66	41 20	23 3683	C4 37	
℄ PAV			3 70	41 16			
10+08.53			4 13	40 73	23 3686	C3 87	TRANSITION
℄ PAV			3 67	41 19			
℄ INT.			3 53	41 33			JACKMAN & FERN PAV
TP	5 60	2346 72	3 74	2341 12			
BMSL32			4 31	2342 41			

BMSL-32 EL=2342.420 (RD. DEPT LANC 1957) FIG AVE & JACKMAN ST; S. W COR; L & BN IN CURB, 6' W OF BCR

F. B. 2292 Pg. 212

Job No. 5042 68 Division No. Notes Red. Plotted Profile

Survey of FERN AVE WATERMAIN Date Date No. X-Sec.

Survey by HALISCKY Notes S. H. Notes Chkd. Checked

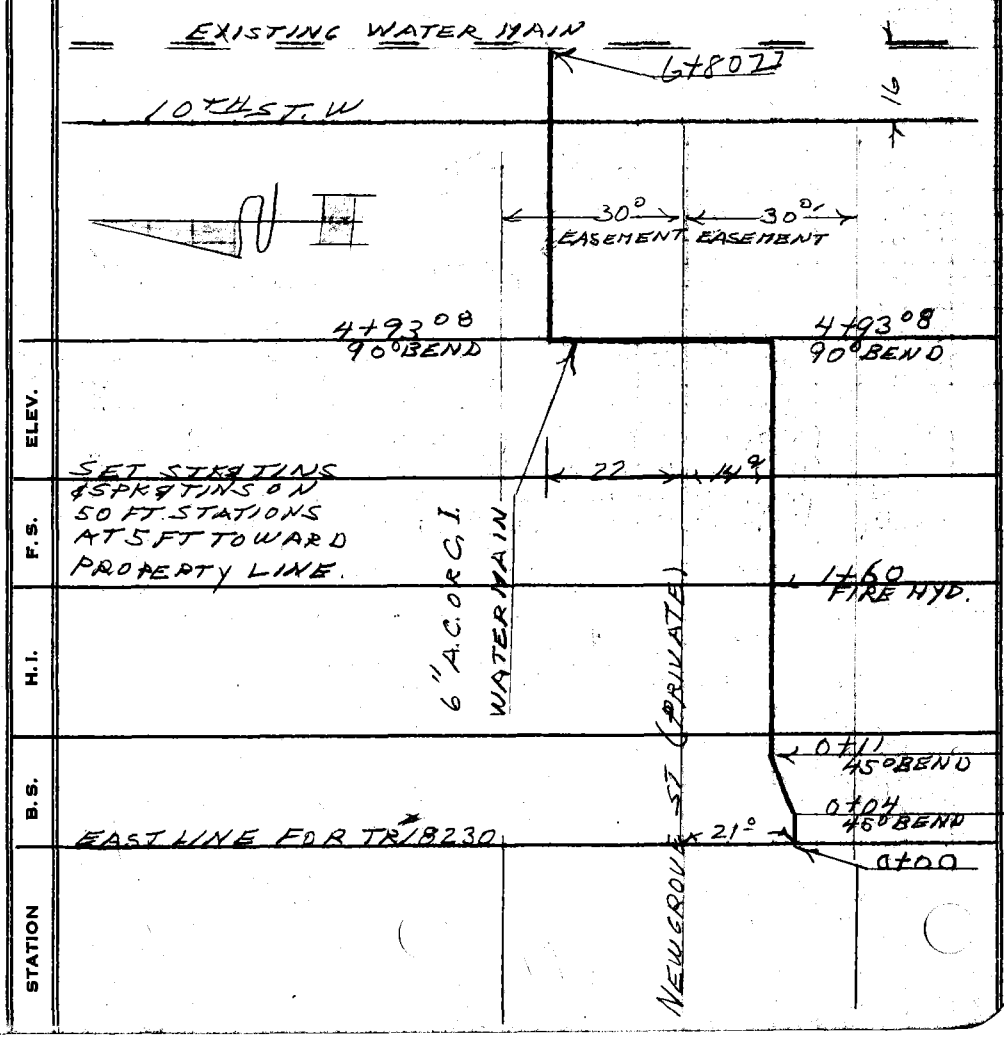
Indexed R. C. Johnson Date 7-17-59 Date Date No.

Profile No.	Notes Red	Plotted	Job No. 5042.42	Division No.	F.B. 2292 Pg. 213
	Date	Date	Survey of NEWGROVE ST. WATERMAIN		
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCK	Notes S. H.	Date 7-22-59
	Date	Date	Map No.	Indexed E. C. Johnson	Date

J.N 5042.42

CONSTRUCTION STAKING & GRADE FOR NEWGROVE ST. WATERMAIN

HALISCK
TALBOT
RITTER
H.E MITCHELL
STROMBERG



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76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.				
BM SL-15	3 15	235538		235223	BM-SL 15 EL=2352.228 (RD DEPT. LANC. 1957) 10TH ST. WEST & NEWGROVE ST, NORTH EAST CORNER. LEAD & TACK IN MCR.			
					% GRADE	CUT		
0+00			5 24	235014	234581			℄ INT TR. LINE & NEWGROVE (PAV)
0+11 (45° BEND)			4 37	5101	4585	C5.16	[illegible]	SPK&T 5'S0
0+50			4 35	5103	4597	C5 06	[illegible]	" "
1+00			4 20	5118	4613	C5 05	[illegible]	" "
1+60 F.H			3 67	5171	4633	C5 38	[illegible]	" "
2+00			3 30	5208	4645	C5 63	[illegible]	" "
2+50			3 90	5148	4662	C4 86	[illegible]	" "
3+00			3 83	5155	4678	C4 77	[illegible]	" "
3+50			5 08	5030	4694	C3 36	[illegible]	" "
4+00			4 92	5046	4710	C3 36	[illegible]	" "
4+50			4 80	5058	4727	C3 31	[illegible]	" "
4+93.08 (90° BEND)			—		4741			SO. SIDE NEWGROVE
5 FT. SO.			4 22	5116	4741	C3 75	[illegible]	SPK&T 5'S0
5 FT. E			4 33	235105	234741	C3 64	[illegible]	" 5'E

0.3247

F.B. 2292 Pg. 214 Job No. 504243 Division No. Notes Red Plotted Profile
Survey of NEWGROVE ST WATERMAIN Date Date No. X-Sec.
Survey by HALISCK Notes S.H. Notes Chkd. Checked
Indexed C. Johnson Date 7-22-59 Date Date No.

76L-298 CE 307 11-58

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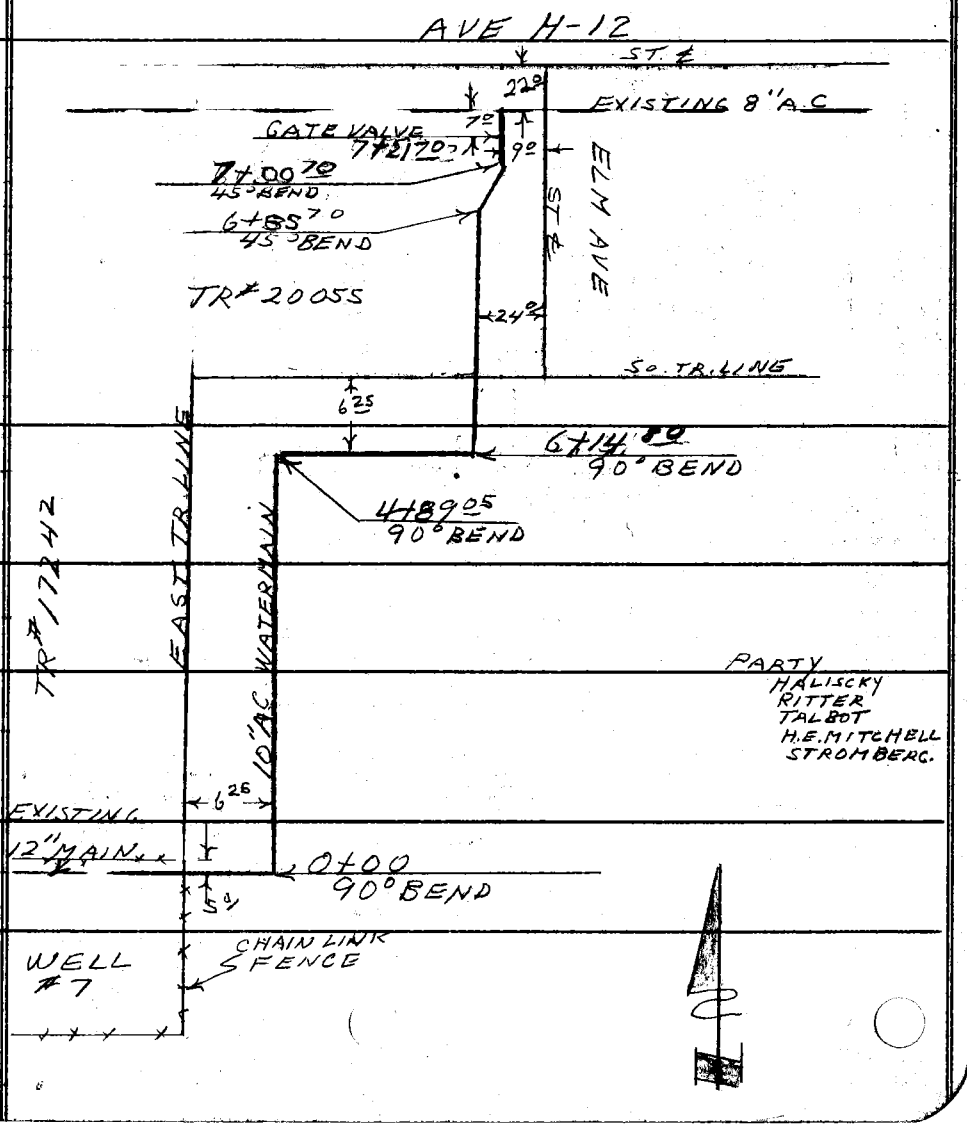
STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE	CUT		
		235538							
(90° BEND) 4+93 08	—		—			234741			NO. SIDE NEWGROVE
5' FT. No.			3 96	235142	0.324	4741	C4 01	4 [illegible]	STK&T 5' NO
5 FT. W			4 30	5108		4741	C3 67	4 [illegible]	" " 5' W
5+30 77			3 80	5158		4753	C4 05	4 [illegible]	" " 5' NO
5+80 77			3 72	5166		4769	C3 97	4 [illegible]	" " "
6+30 77			3 22	5216		4785	C4 31	4 [illegible]	" " "
6+55 77			3 22	5216		4793	C4 23	4 [illegible]	SPK&T 5' N
6+80 77			3 43	5195		—	JOIN		SPK&T 5' N.
6+64 77 (℄ INT)			3 09	235229		234796	—		℄ INT 10TH ST W & NEWGROVE
BM SL-15			3 15	2352 23		BM SL-15	EL=2352.228		(SEE pg. 214)

Profile Notes Red ____ Plotted ____ Job No. 504242 Division No. ____ F.B. 2292 Pg. 215
No. ____ Date ____ Date ____ Survey of NEWGROVE ST WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by HALISCK Notes S.H. Date 7-22-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. John[illegible]

Profile No.	Notes Red	Plotted	Job No. 5042.33	Division No.	F.B. 2292	Pg. 217
	Date	Date	Survey of WELL 7 & 10 WATERMAIN			
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S. H.	Date 7-23-59	
	Date	Date	Map No.	Index		

J.N 5042.33

CONSTRUCTION STAKING & GRADE FOR WELL 7 & 10 WATERMAIN



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76L-298 CE 307 11-58

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Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____
Notes Red ____ Date ____
Notes Chkd. ____ Date ____
Checked ____ Date ____

Division No. ____ Job No. 5042.33
Survey of WELL 7 #10 WATER MAIN
Survey by HALLSCHY Notes HALLSCHY
Indexed C. Tomlinson Date 7-23-59

F.B. 2292 Pg. 21P

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	
BM W.S #10	3 34	2340 24		2336 90	BM W.S #10 EL=2336.90 (REF. FB 2292-190) FILE # W. W 4-C-510; SO. E. CORNER CONC. BLOCK OF WELL #10; 170 SO OF 702½ W. AVE H-13		
AVE I			3 24	2337 00	~~23 32 67~~		E. TR. LINE ℄ INT AVE I & 17242
TP	3 78	2338 52	5 50	2334 74			
H-13 PAV			6 60	3192			345 FT WEST
H-13 PAV			5 62	3290	2328 57		145 F. WEST
0+00 90° BEND	—		—		2328 57		
5' E			5 05	3347	2328 57	C4 90	SPK & T. 5E
5' So			5 10	3342	2328 57	C4 85	" " 5 So.
0+50			4 80	3372	2328 21	C5 51	" " 5 FT W
1+00			5 30	3322	2327 85	C5 37	" " "
1+50			5 47	3305	2327 49	C5 56	" " "
2+00			5 90	3262	2327 13	C5 49	" " "
2+50	3 14	2335 90	5 76	2332 76	2326 77	C5 99	" " "
3+00			3 69	3221	2326 40	C5 81	" " "
3+50			4 20	3170	2326 04	C5 66	" " "
4+00			4 70	3120	2325 68	C5 52	" " "

0.42'0

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		GRADE	CUT		
		2335 90							
4+50 90° BEND			4 85	2331 05	-0.724%	23 2532	C5 73		SPK & T 5FT. W
4+89 05	—					23 2503			" "
5' W			5 22	3068		23 2503	C5 65		" " 5FT W
5' No			4 98	3092		23 2503	C5 89		" " 5 FT No
5+68 80			4 72	3118	+0.224%	23 2520	C5 98		" " 5FT. No.
6+14 80 90° BEND	—								
5' E			4 84	3106		23 2531	C5 75		" " 5FT. E
5' SO			4 95	3095		23 2531	C5 64		" " 5FT. SO
130' SO ℄ INT			5 46	3044					TOP CURB
PAV.			6 26	2964		23 2531			
6+85 70 45° B			5 66	3024		23 2499	C5 25		STK & T 5' W 45° BEND
PAV. ℄			6 58	2932					
7+00 70 45			7 01	2889		23 2488	C4 01		SPK & T 5' W 45° BEND
PAV. ℄			6 69	2921					"
7+28 70 GV			7 14	2876		23 2474	C4 02		" " " GATE VALVE
PAV. ℄			6 83	2907					
℄ INT			6 91	2328 99					
TP	6 84	2339 86	2 88	2333 02					1+50
BM W.S. #10			2 97	2336 89		BM. W.S. #10 EL=2336.90 (SEE pg 218)			

Profile, Notes Red ____ Plotted ____ Job No. 504233 Division No. ____ F.B. 2292 Pg. 219
No. ____ Date ____ Date ____ Survey of WELL 7 & 10 WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by HALISCK Notes SH Date 7-23-59
No. ____ Date ____ Date ____ Map No. ____ Index C. Jo[illegible]

F.B. 2292 Pg. 220 Job No. 504233 Division No. Notes Red Plotted Profile

Survey of WELL 7 & 10 WATERMAIN Date Date No.

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

Indexed C. John Date 7-23-59 Date Date No.

76L-298 CE 307 11-56

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STATION	B.S.	H.I.	F.S.	ELEV.		
		2339 86				
	5 55	2334 54	10 87	2328 99		
			4 86	2329 68		
			4 43	2330 11	2328.57 − 4.33 =	
					2324.24	
						℄ INT ELM & 1442 PAV.
						257 0
						℄ INT 154-12 & DATE
						TR. LINE TO WEST
						833.5

0.27

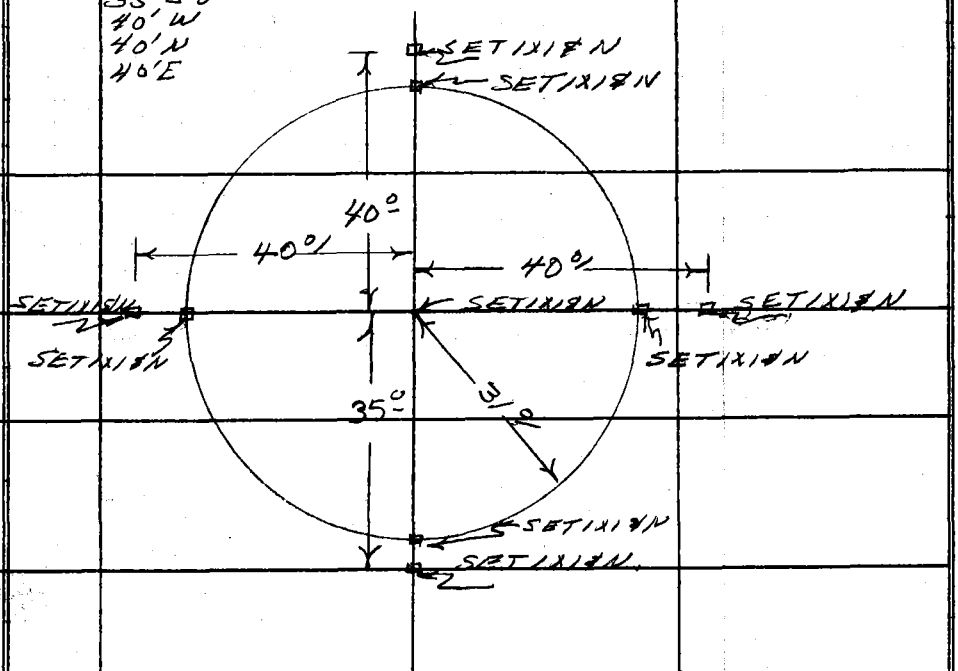
Profile No.	Notes Red	Plotted	Job No. 5042.86	Division No.	F.B. 2292	Pg. 221
	Date	Date	Survey of WELL #10 STORAGE TANK			
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S.H.	Date 7-27-59	
	Date	Date	Map No.	Index		

J.N 5042.86

CONSTRUCTION STAKING & GRADE FOR WELL #10 STORAGE TANK

PARTY
HALISCKY
RITTER
HE MITCHELL
STROHBERG.

NOT: SET BLUE TOPS TO GRADE AT FOLLOWING DISTANCES FR. CENTER OF TANK:
35'SO
40'W
40'N
40'E



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

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761-298 CE 307 11-58

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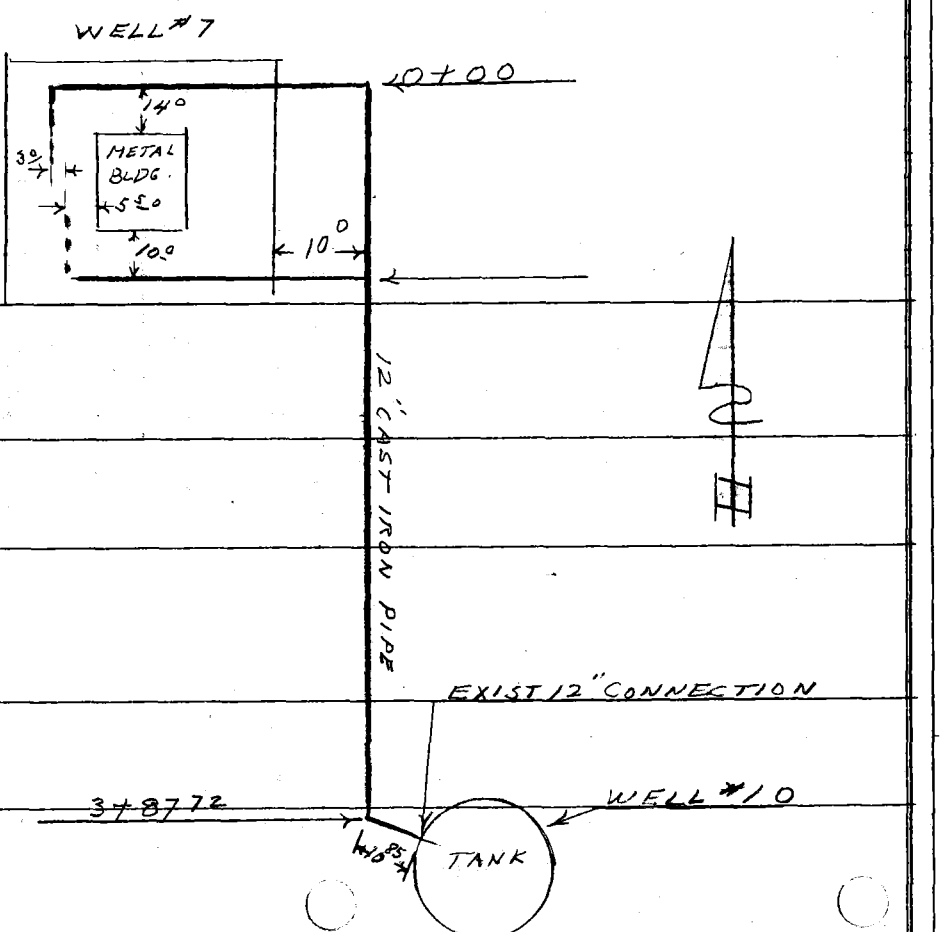
STATION	B.S.	H.I.	F.S.	ELEV.		
BM WS #10	3 97	2340 87		2336 90	BM WS #10 EL. 2336.90 F.B. 2292-190 FILE #W.W. 4-C-510; S.E. COR CONC BLOCK OF WELL #10; 170' SO. OF 702 1/2 WEST AVE H-13	
			4 44	2336 43	BLUE TOP STAKES TO BE SET AT THIS ELEVATION FOR STORAGE TANK AS SHOWN; 35' SO.; 40' W; 40 E 40 N.	
			4 84	2336 03		1X1 & N 31' SO
			4 93	35 94		1X1 & N 31 E.
			5 04	35 83		1X1 & N 31 N.
			4 87	36 00		1X1 & N 31 W.
			4 56	2336 31		1X1 & N CENTER.
BM WS #10			3 97	2336 90	BM WS #10 SEE TOP Pg.	

F.B. 2292 Pg. 222 Job No. 504286 Division No. Notes Red Plotted Profile
Survey of WELL #10 STORAGE TANK Date Date No. X-Sec.
Survey by HALISCKY Notes S.H. Notes Chkd. Checked
Indexed C. Johnson Date 7-27-59 Date Date No.

Profile No.	Notes Red.	Plotted	Job No. 5042.86	Division No.	F. B. 2292	Pg. 223
	Date	Date	Survey of WELLS # 7 & 10			
X-Sec. No.	Notes Chkd.	Checked	Survey by HALUSCKY	Notes S. H	Date 9-22-59	
	Date	Date	Map No.	Indexed C. Johnson	Date	

J.N. 5042.86

CONSTRUCTION STAKING & GRADE FOR WELL # 7 & 10 TANK CONNECTION



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

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76L-298 S & E #307—1-56

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F. B. 2292 Pg. 224 | Profile No. ____ | Plotted ____ | Notes Red ____ | Division No ____ | Job No 5042K | Notes Chkd ____ | Checked ____ | Notes ____ | Date 9-22-59 | Date ____ | Date ____ | Date ____ | Date ____

Survey of WELLS #7 & 10 Co. NW

Survey by PALISKY & C. Jones

Indexed ____

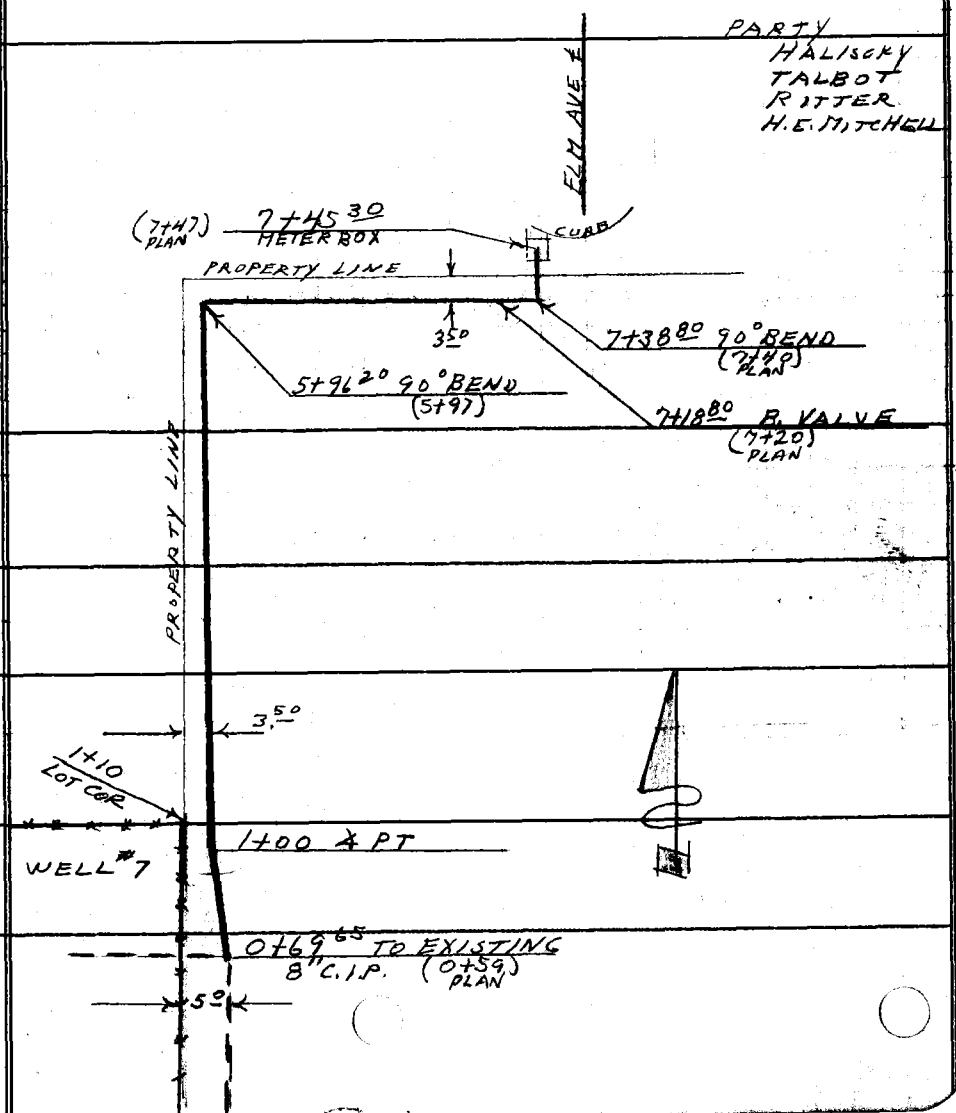
STATION	B. S.	H. I.	F. S.	ELEV.				
BM WS #10	2 67	2339 57		2336 90	BM W.S #10 EL. 2336.90 REF F.B 2292-190 S.E. COR CONC. BLOCK OF WELL #10; 170'So. OF 702½ W. AVE H-13			
					BOT. TRENCH	CUT	%	
			5 70	2333 87	232887			GROUND (WELL #7) (29.24 El. invert 129.95 TOP PIPE)
0+00			6 17	2333 40	232887	C4 53		5' NO STKT
			5 18	2334 39	232887	C5 52		5' E. "
0+30			4 97	2334 60	232900	C5 60		5' E "
0+68 45			5 26	2334 31	232916	C5 15		SE
			5 42	2334 15				GR.
1+00			5 75	2333 82	232930	C4 52	+0.426%	SE STKT
1+50			4 47	2335 10	232951	C5 59		" "
2+00			5 29	2334 28	232972	C4 56		" "
2+50			4 93	2334 64	232994	C4 70		" "
3+00			5 25	2334 32	233015	C4 17		" "
3+50			4 55	2335 02	233036	C4 66		" "
3+87 72			4 15	2335 42	233052	C4 90		5' WEST
			4 05	2335 52	233052	C5 00		5' So.
BM WS #10			2 67	2336 90				SEE TOP PAGE

BOTTOM OF TRENCH TO BE 5 FT. BELOW NATURAL GROUND

Profile No.	Notes Red	Plotted	Job No. 504286	Division No.	F.B. 2292 Pg. 225
	Date	Date	Survey of DRAIN LINE FR. WELL #7		
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S.H.	Date 9-23-59
	Date	Date	Map No.	Indexed C. Johnson	Date

J.N 5042.86

CONSTRUCTION STAKING & GRADE FOR 8" C.I.P. DRAIN LINE FR. WELL # 7 TO ELM AVE



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761-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	GR. GIVEN TO INVERT OF 8" C.I.P (EXIST)
BM MJ7437	6 39	2337 23		2330 84	BM MJ7437 EL. 2330.84 REF: (RD. DEPT MJ7437) 130' SO. INT. ELM AVE & H-12 L & T MIDDLE OF CURB AT SO. END OF ELM AVE ON ℄
0+00	4 83	2339 63	2 43	2334 80	5' E OF 12" C.I.P STK & T
BM WS 10			2 33	2337 30	EL. 2336.90 (SEE FB 2292-224)
0+00	3 88	2338 68	4 83	2334 80	5' E. OF 12" C.I.P. STK & T
			8 32	2330 36	TOP EXISTING 8" C.I.P. AT ST. 0+69 65 (0+59)
				- 071	FR. TOP 8" C.I.P TO INVERT
				2329 65	INVERT EL. OF EXISTING 8" C.I.P.

STATION	B.S.	H.I.	F.S.	ELEV.	INVERT GRADE	CUT		%	
0+00	2 11	2336 91		2334 80					5' E. OF 12" C.I. LINE
0+69 65			—		2329 65	EXIST ~~GR~~			INVERT EL, EXIST 8" C.I.P
1+00			2 60	3431	2329 61	C4 70	GRADE TO INVERT OF 8" C.I.P		STK & T & PT.
1+50			3 27	3364	2329 54	C4 10			
2+00			3 76	3315	2329 46	C3 69			
2+50			4 28	3263	2329 38	C3 25			
3+00		-	4 44	3247	2329 31	C3 16			
3+50			4 35	2332 56	2329 24	C3 32			

F.B. 2292 Pg. 226 Job No. 504286 Division No. Notes Red Plotted Profile
Survey of DRAIN LINE FR WELL #7 Date Date No.
Survey by HALISCKY Notes HALISCKY Notes Chkd. Checked X-Sec.
Inderer C. Jo Date 9-23-59 Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	INVERT GRADE	CUT		%	
		233691							
4+00			489	233202	232916	C2 86	GRADE GIVEN TO INVERT OF 8" C.I.P.	-0.15%	
4+50			538	3153	232908	C2 45			
5+00			563	3128	232901	C2 27			
5+50			592	3099	232894	C2 05			
5+96 20 90° BEND			567	3124	232886	C2 38			STK&T 5'E & 5'S0
6+50			595	3096	232878	C2 18			STK&T 5'S0
7+00			—						STK&T 5'S0.
7+18 80 B. VALVE			623	3068	232868	C2 00			STK&T 5'S0.
7+38 80 90° BEND			515	3176	232865	C3 11			STK&T 5'S0.
			545	3146	232865	C2 81			STK&T 5'E
7+45 30 METER BOX			682	3009	232864	C1 45			X IN CONC. GUTTER 5'E.
			582	233109	232864	C2 45			STK&T 5'W
BMMJ7437			607	233084					SEE FB2292-226

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 504286 Division No. Survey of DRAIN LINE FR. WELL #7 Survey by HALISCKY Notes S.H. Date 9-23-59 Map No. Ind[redacted]d C. John[redacted]

F.B. 2292 Pg. 227

Notes Ck'd by	Survey of FAIRGOUNDS FIRE LOT	F. B. 2292 PG. 229
Map No. 102-12-2	JN 0801.90 Tape Std °F	
Office Work W. D. REYNOLDS	Surveyed by MACK	
Checked T.M.L.	Notes M Date 11-17-59	
Date NOV. 18, 1959	Indexed C. Johnson 11-17-59	

J.N. 0801.90

LOCATION OF EXISTING FENCES

AT

FAIRGROUNDS FIRE STATION SITE #117

ON

DIVISION ST & AVE H-8

MACK

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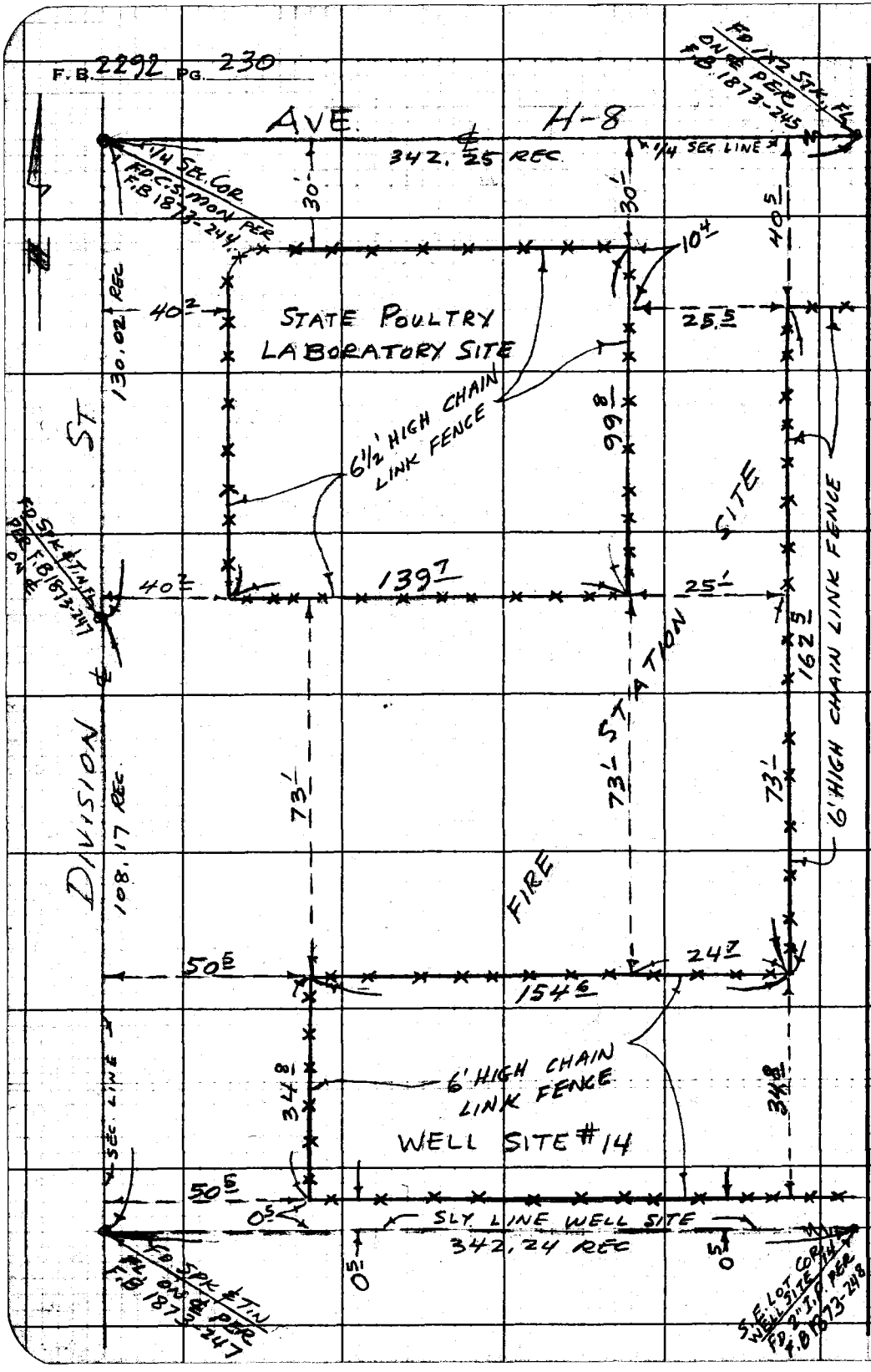
765095 CE #247—7-59

F.B. 2292 PG. 230



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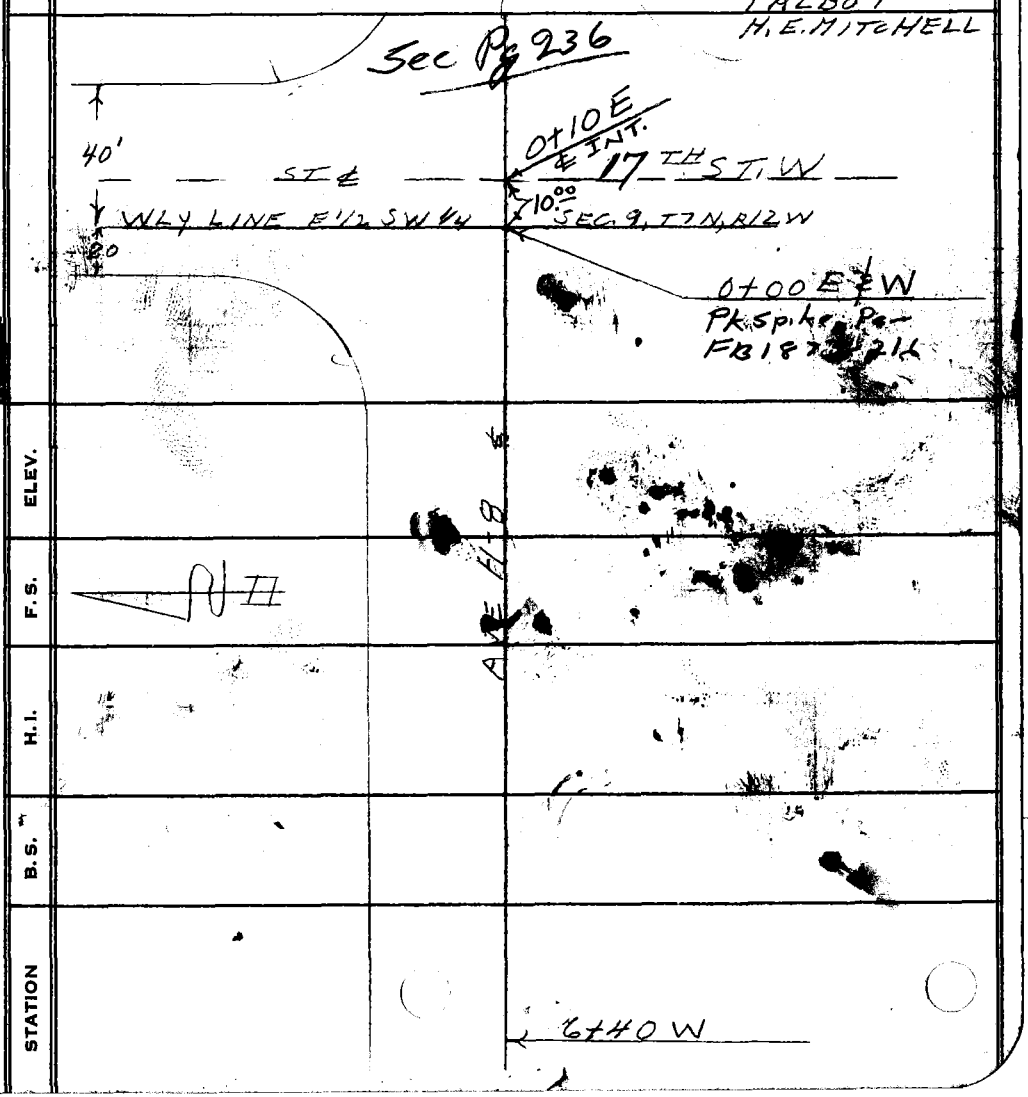
Profile No.	Notes Red	Plotted	Job No. 504207	Division No.	F.B. 2292 Pg. 231
	Date	Date	Survey of AVE H-8 CROSS SECTIONS		
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S. H.	Date 12-4-59
	Date	Date	Map No.	Index C. Johnson	Date 12-11-59

JN 5042.07

AVE H-8 CROSS SECTIONS

(FR WLY. LINE E 1/2 SW 1/4 SEC 9, T 7N, R 12W AT 17TH ST. W; WLY 640')

PARTY
HALISCKY
RITTER
TALBOT
H. E. MITCHELL



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

76L-298 CE 307 11-58

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
BM#H8-17W	4 62	2322 80 ✓		2318 18 ✓	BM H-8-17W EL=2318.175 ✓ (REF: F.B. 2292-128 AVE H-8 & 17TH ST W., N.E. CORNER L&T IN CURB, 3' E OF E. END Cb. RET.	
0+00 E&W			4 99	2317 81 ✓	INT. ℄ AVE. H-8 & {WLY. LINE E1/2 SW1/4 SEC. 9, T7N, R12W =WLY. LINE TRACT #21084}	
0+10 E=℄ INT			5 01	17 79 ✓		℄ INT. 17th ST. W & AVE H-8 (PAV)
0+60 E			4 75	18 05 ✓		℄ @ 50 E ST ℄ INT (PAV)
1+10 E			4 67	18 13 ✓		℄ @ 100 E " " " (PAV)
0+10 E=℄ INT			—			℄ INT 17th ST. W. & AVE H-8 (PAV.)
50' S.			4 80	18 00 ✓		ST ℄. 17TH ST W PAV
100 S.			4 66	18 14 ✓		" "
50' N.			4 91	17 89 ✓		" " "
100' N			4 88	17 92 ✓		" " "
0+00 E&W			4 99	17 81 ✓	INT. ℄ AVE H-8 & WLY LINE TR#21084; ST. ℄ AVE H-8	
17' R			5 50	17 30 ✓		BOT. SLOT CONC. GUTTER
17 L			5 49	17 31 ✓		" " " "
30 R			5 1	17 7 ✓		DIRT
30 L			5 19	17 61 ✓		PAV.
0+50 W			3 53	19 27 ✓	℄ AVE H-8 (PROPOSED)	STK (1x1) FL, TOP BRK.
30 R			4 3	18 5 ✓		DIRT
30 L			4 5	18 3 ✓		DIRT
1+00 W			5 69	2317 11 ✓	℄ AVE H-8 (PROPOSED)	1x1" STK. FL. BOT DRAIN

F.B. 2292 Pg. 232 Job No. 504207 Division No. Notes Red Date 12-4-59 Checked Date No. Profile
Survey of AVE H-8 CROSS SECTIONS Notes Chkd. Date No. X-Sec.
Survey by HALISCKY Notes S HALISCKY Date
Indexed C. Johnson Date

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		2322 80 ✓				
30 R			42	23186 ✓		DIRT
30 L			50	178 ✓		"
1+50 W			565	1715 ✓	℄ AVE H-8 (PROPOSED)	1X1 STK, FL. BOT DRAIN
30 R			47	181 ✓		DIRT
30 L			48	180 ✓		"
2+00 W			603	1677 ✓	℄ AVE. H-8 (PROPOSED)	1X1 STK, FL., BOT DRAIN
30 R			46	182 ✓		DIRT
30 L			48	180 ✓		"
2+50 W			595	1685 ✓	℄ AVE H-8 (PROPOSED)	1X1 STK, FL., BOT DRAIN
30 R			46	182 ✓		DIRT
30 L			52	176 ✓		"
3+00 W			582	1698 ✓	℄ AVE H-8 (PROPOSED)	1X1 STK, FL. BOT DRAIN
30 R			47	181 ✓		DIRT
30 L			54	174 ✓		"
3+50 W			579	1701 ✓	℄ AVE H-8 (PROPOSED)	1X1 STK, FL., BOT DRAIN
30 R			44	184 ✓		DIRT
30 L			51	177 ✓		"
4+00 W			594	1686 ✓	℄ AVE H-8 (PROPOSED)	1X1 STK, FL. BOT DRAIN
30 R			50	178 ✓		DIRT
30 L			50	23178 ✓		"

Profile No. ____ Notes Red ____ Plotted ____ Job No. 50420 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of AVE H CROSS SECTIONS
Notes Chkd. ____ Checked ____ Survey by HALISCK Notes S.H. Date 12-4-59
Date ____ Date ____ Map No. ____ Index ____ C. Johnson Date ____

F.B. 2292 Pg. 233

76L-298 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV.		
		2322 80				
4+50 W	5 70	2322 68	5 82	2316 98	℄ AVE H-8 (PROPOSED)	1X1 STK, FL., BOT. DRAIN
30 R			5 5	172		DIRT
30 L			4 9	178		"
5+00 W			5 91	1677	℄ AVE H-8 (PROPOSED)	1X1 STK, FL BOT DRAIN
30 R			5 3	174		DIRT
30 L			4 6	181		"
5+50 W			5 80	1688	℄ AVE H-8 (PROPOSED)	1X1 STK, FL., BOT. DRAIN
30 R			5 4	173		DIRT
30 L			5 0	177		"
6+00 W			6 01	1667	℄ AVE. H-8 (PROPOSED)	1X1 STK, FL., BOT DRAIN
30 R			5 3	174		DIRT
30 L			5 0	177		"
6+40 W			5 89	1679	℄ AVE. H-8 (PROPOSED)	1X1 STK, FL., BOT DRAIN
30 R			5 4	173		DIRT
30 L.			5 1	176		"
T.P.	5 06	2322 69	5 05	2317 63		1X2 100S. S.W. RES
BM H8-17W			4 54	2318 15	BM H8-17W EL=2318.175 (F.B 2292-128)	
					(SEE PG. 232 FOR LOC. & DESC.)	

F.B. 2292 Pg. 234 Job No. 504207 Division No. Notes Red Plotted Profile
Survey of AVE H-8 CROSS SECTIONS Date 12-4-59 Date No. X-Sec.
Survey by HALISCKY Notes S. HALISCKY Notes Chkd. Checked
Indexed Date Date Date No.

Notes Ck'd by	Survey of AVE H-8 X-SECS.
Map No.	JN 504207 Tape 0148 Std 68 °F.
Office Work	Surveyed by S. HALISCKY
Checked	Notes S. HALISCKY Date 12-16-59
Date	Indexed [redacted]

F. B. 2292 Pg. 235

J.N 504207

AVE H-8 CROSS SECTIONS

LOCATING CURB RETURNS (ETC.)

(FR. LORIMER AVE TO 17TH ST. W.)
ON AVE H-8

PARTY
HALISCKY
RITTER
TALBOT
H. E. MITCHELL

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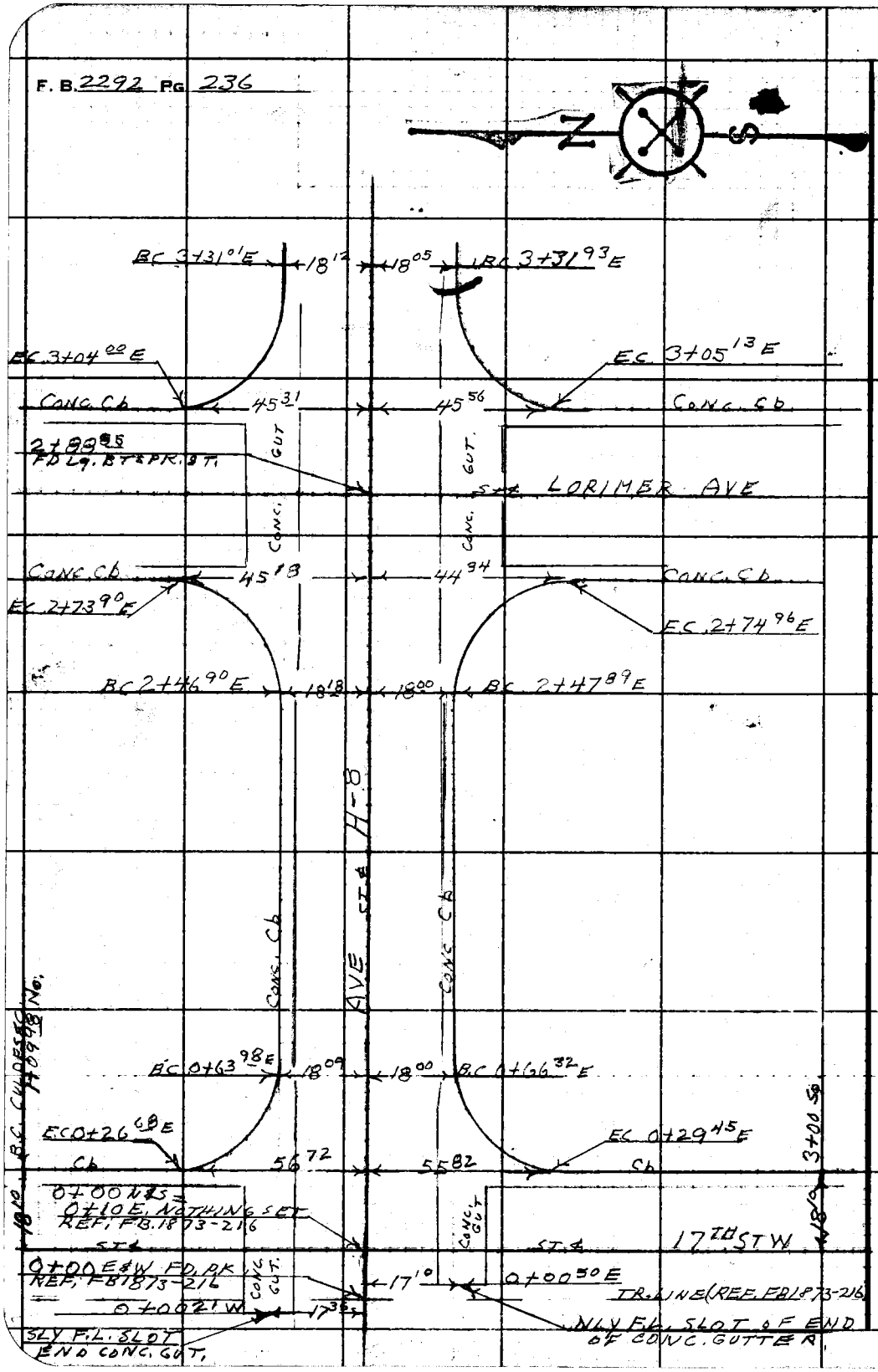
78F3095 S&E #247 11-59

F. B. 2292 PG 236



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Profile No.	Notes Red.	Plotted	Job No. 504207	Division No.	F. B. 2292 Pg. 237
	Date	Date	Survey of AVE H-8 X SEC.		
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S.H	Date 12-10-59
	Date	Date	Map No.	Index C. Johnson	Date

J.N. 504207

AVE H-8 CROSS SECTIONS

FR. INT AVE H-8 & 17TH ST. W
1) No. 110'±
2) E. 300'±
3) So. 300'

PARTY
HALISCKY
RITTER
TALBOT
H.E. MITCHELL

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

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM #H8-17W	4 65	2322 82 ✓		2318 17 ✓	BM #H8-17W EL. = 2318.175 REF. F.B. 2292-128	
					AVE H-8 & 17TH ST. W., N.E. CORNER	
					L & T IN CURB 3' E. OF E. END Cb RET.	
0+10 E			5 02	2317 80 ✓		℄ INT AVE H-8 & 17TH ST. W. PAV.
0+00 50 E.			5 50	17 32 ✓	17 10 So.	17 10 So. TO NLY F.L. SLOT
0+00 21 W			5 52	17 30 ✓	17 35 N	END CONC. GUT. 17 35 No. TO SLY F.L. SLOT
E.C. 0+26 68 E			4 97	17 85 ✓		END CONC. GUT.
56 72 No			4 78	18 04 ✓		℄ (PAV)
" "			5 48	17 34 ✓		TOP Cb.
E.C. 0+29 45 E.			4 97	17 85 ✓		F.L. CONC. GUT
55 82 So			4 65	18 17 ✓		℄ (PAV)
" "			5 30	17 52 ✓		TOP Cb.
B.C. 0+63 98 E			4 78	18 04 ✓		F.L. CONC. GUT.
18 09 No.			4 64	18 18 ✓		℄ (PAV)
" "			5 30	17 52 ✓		TOP Cb.
BC 0+66 32 E			4 75	18 07 ✓		F.L. CONC. GUT.
18 00 So			4 65	18 17 ✓		℄ PAV
"			5 33	17 49 ✓		TOP Cb
1+00 E			4 73	18 09 ✓		F.L. CONC. GUT.
18' So			4 64	18 18 ✓		℄ (PAV)
" "			5 30	17 52 ✓		TOP Cb
18' No.			4 59	18 23 ✓		F.L. CONC. GUT
" "						TOP Cb
			5 24	23 17 58 ✓		F.L. CONC. GUT

F. B. 2292 Pg. 238
Job No. 504207 Division No. Notes Red. Plotted Profile
Survey of AVE H-8 X SECS Date Date No. X-Sec.
Survey by HALISCKY Notes S.H. Notes Chkd. Checked
Indexed C. Johnson Date 12-10-59 Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		232282				
1+50 E			472	231810		℄ (PAV)
18' No			457	1825		T.C
" "			523	1759		F.L. CONC. GUT
18' So			460	1822		T.C
" "			525	1757		F.L. CONC. GUT
2+00			474	1808		℄ (PAV.)
18' No			459	1823		T.C
" "			524	1758		F.L. CONC. GUT
18' So			456	1826		T.C
" "			522	1760		F.L. CONC GUT
B.C. 2+46 90 E			460	1822		℄ PAV.
18 18 No			451	1831		TOP Cb.
" "			518	1764		F.L. CONC. GUT.
B.C. 2+47 89 E			460	1822		℄ PAV.
18° So			445	1837		TOP Cb.
" "			516	1766		F.L. CONC. GUT.
E.C. 2+73 90 E			461	1821		℄ PAV.
45 18 N.			435	1847		TOP Cb
" "			500	1782		F.L. CONC. GUT.
E.C. 2+14 96 E			461	1821		℄ PAV
44 34 So.			426	1856		TOP PAV
" "			498	231784		F.L. CONC. GUT.

Profile Notes Red. Plotted Job No. 50420 Division No.
No. Date Date Survey of AVE H-8 X SECS
X-Sec. Notes Chkd. Checked Survey by HALISCKY Notes S.H Date 12-10-59
No. Date Date Map No. Indexed C. Johnson Date

F. B. 2292 Pg. 239

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		232282				
2+88 85			4 58	231824		L. RIMER AVE ℄ INT AVE H-8
E.C 3+04 00 E			4 55	1827		℄ PAV.
45 31 No			4 24	1858		TOP Cb.
" "			4 95	1787		F.L. CONC. GUT.
E.C 3+05 13 E			4 55	1827		℄ PAV.
45 56 So			4 17	1865		TOP Cb
" "			4 85	1797		F.L. CONC. GUT
B.C 3+31 01 E			4 41	1841		℄ PAV
			4 29	1853		TOP Cb.
18 12 No			4 96	1786		F.L. CONC. GUT
B.C 3+31 93 E			4 41	1841		℄ PAV.
18 05 So			4 19	1863		TOP Cb.
" "			4 85	1797		F.L. CONC. GUT.
0+00 So = 0+10 E			—			℄ INT 17W & H-8
1+00 So.			4 69	1813		℄ PAV
18' E			4 58	1824		TOP Cb
" "			5 24	1758		F.L. CONC. GUT
1+50 So.			4 64	1818		℄ PAV.
18' E			4 52	1830		TOP Cb.
" "			5 17	1765		F.L. CONC. GUT.
2+00 So			4 55	231827		℄ PAV.

F. B. 2292 Pg. 240 Job No. SO 4207 Division No. Notes Red. Plotted Profile
Survey of AVE H-8 & SECS. Date Date No.
Survey by HALISCKY Notes S.H. Notes Chkd. Checked X-Sec.
Index C. Johnson Date 12-10-59 Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		232282 ✓				
18' E			4 51	231831 ✓		TOP Cb
" "			5 14	1768 ✓		F.L. CONC. GUT.
2+50 So			4 49	1833 ✓		℄ PAV
18' E			4 39	231843 ✓		TO Cb.
" "			5 02	1780 ✓		F.L. CONC. GUT
3+00			4 42	1840 ✓		℄ PAV.
18 10 E			4 31	1851 ✓		TOP Cb.
" "			4 95	1787 ✓		F.L. CONC. GUT.
0+00 No = 0+10 E			—			
0+50 No			4 96	1786 ✓		℄ PAV
18' E			—			TOP Cb
" "			—			F.L. CONC. GUT
B.C. 1+09 98 No			4 91	1791 ✓		℄ PAV (B.C. OF CULDESEC.)
18' E			4 84	1798 ✓		TOP PAV.
" "			5 46	1736 ✓		F.L. CONC. GUT.
BM H8-17W			4 65	231817 ✓	BM H8-17W	SEE Pg. 238.

✓

Profile Notes Red. ____ Plotted ____ Job No. 504207 Division No. ____ F. B. 2292 Pg. 241
No. ____ Date ____ Date ____ Survey of AVE H-8 X SECS.
X-Sec. Notes Chkd. ____ Checked ____ Survey by HALISCKY Notes S.H. Date 12-10-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

Profile No.	Notes Red	Plotted	Job No. 504216	Division No.
	Date	Date	Survey of AVE K (20TH-30TH STS W.)	
X-Sec. No.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S. H. Date 12-7-59
	Date	Date	Map No.	Indexed C. John[redacted]

F.B. 2292 PG. 243

JN 5042.16

AVE K (20TH-30TH STS. W) WATER MAIN

PARTY
HALISCKY
TALBOT
RITTER
H.E. MITCHELL

EXIST. WATERMAIN

00+00 W
20TH ST. W ℄

34'
18'

0+18 CROSS

0+18 CROSS

32

10" A.C. WATERMAIN

AVE K ℄

NOTE:
SET STKS. & TINS ON 5' OFFSET TOWARD PROPERTY LINE. GRADE GIVEN TO BOTTOM OF TRENCH WHICH WILL BE 54" BELOW CENTER LINE OF PAVEMENT. PER SPECIF. NO. WWD4-193

6+05 F. HYD

12+76 F. HYD
12+83 G.V.

19+49 F. HYD

ELEV.

26+19 F. HYD.
26+26 G.V.
27+10 CROSS

26+86 18 25TH ST. W (℄)

F.S.

33+66 F. HYD.

H.I.

39+67 F. HYD
G.V. 39+74
40+43 CROSS

40+29 54 27TH ST. W (℄)

47+82 F. HYD.

32

B.S.

52+89 F. HYD.
52+97 G.V.

53+72 7' 30TH ST. W (℄)

STATION

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F.B. 2292 PG. 244 | Job No. 52421 | Division No. | Notes Red | Plotted | Profile No.
Survey of AVE K (20TH ST. W) 20 TS 3S R 13 W WATER MAIN | Date 2-17-59 | Date | X-Sec. No.
Survey by HALISCKY | Notes HALISCKY | Notes Chkd. | Checked
Indexed C. Johnson | Date | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	
BM SL-321	7 58	2393 48		2385 90			BM SL-321 EL=2385.899 RD. DEPT LANC. 1957 AVE K & 20TH ST. W. AT ℄ INT. Co. SURV. BRASS CAP MONUMENT.
BM SL-322	3 38	2393 50	3 36	2390 12			BM SL-322 EL=2390.084 RD. DEPT. LANCASTER 1957 20TH ST. W. (40± E. OF ℄) AT 170± SO. OF ℄ AVE K L&T IN 4' CONC. WALK TO HSE #43546
0+00			6 31	2387 19			℄ INT AVE K & 20TH W. (PAV) ℄ 20TH ST. W. & 5' SO. OF TRENCH SPK&T
39' SO			5 85	8765		C 4 57	
34' SO 90° BEND			5 92	8758	2383 08		CTR. TRENCH PAV 34' SO & 8' W OF ℄ INT AVE K & 20TH W.
0+18 W 434' SO			—				
5' SO			6 28	8722		C 4 14	STK&T
5' W			5 90	8760		0 52	STK&T
0+13			6 39	8711		C 4 56	SPK&T 5' E. TRENCH
0+18 W 90° BEND			6 45	8705	2382 55		CTR. TRENCH (PAV.) 32' N & 18' W. ℄ INT AVE K & 20TH W. SPK&T.
0+18 W			—				
5' N.			7 19	8631		C 3 76	SPK&T
5' E			6 73	8677		C 4 22	SPK&T.
0+50	4 18	2391 03	6 65	2386 85		C 4 54	STK&T
℄ PAV.			4 22	8681	2382 31		

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STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT		
		2391 03						
1+00			4 56	2386 47		C 4 53	STK AT	5' N.
℄ PAV.			4 59	86 44	2381.94		"	
1+50			5 10	85 93		C 4 26	"	"
℄ PAV			4 86	86 17	2381.67			
2+00			5 32	85 71		C 4 30	"	"
℄ PAV			5 12	85 91	2381.41			
2+50	5 00	2390 25	5 78	2385 25		C 4 12	"	"
℄ PAV			4 62	2385 63	2381.13			
3+00			5 78	84 47		C 3 74	"	"
℄ PAV			5 02	85 23	2380.73			
3+50			5 45	84 80		C 3 85	"	"
℄ PAV			4 80	85 45	2380.95			
4+00			5 25	85 00		C 3 90	"	"
℄ PAV			4 65	85 60	2381.10			
4+50			5 33	84 92		C 3 77	"	"
℄ PAV			4 60	85 65	2381.15			
5+00			5 38	84 87		C 3 63	"	"
℄ PAV			4 51	85 74	2381.24			
5+50			5 18	85 07		C 3 76	"	"
℄ PAV			4 44	2385 81	2381.31			

Profile Notes Red. ____ Plotted ____ Job No. 5042-16 Division No. ____ F.B. 2292 Pg. 245
No. ____ X-Sec. ____ Date ____ Date ____ Survey of 4 YEK/20 7-8-80 Survey by HALSEY/ Notes SH/ Date 12-17-59 WATERMAN
No. ____ Date ____ Notes Chkd. ____ Checked ____ Map No. ____ Indexed C. Johnson

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F.B. 2292 Pg. 246 Profile No. X-Sec. No.
Job No. 5042-6 Division No. Plotted Notes Red
Survey of ALLEY BETWEEN 30TH ST & 30TH PLACE Date 2-17-59 Date
Survey by HALLSEY Notes HALLSEY Notes Chkd.
Indexed C. J. [illegible] Date Date Checked Date

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	
		2390 25					
F.H 6+05			4 63	2385 62		C4 19	STK & T 5'N.
℄ PAV.			4 32	85 93	2381.43		
6+50			4 41	85 84		C4 29	" "
℄ PAV			4 20	86 05	2381.55		
7+00	5 57	2391 69	4 13	2386 12		C4 63	" "
℄ PAV			5 70	85 99	2381.49		
7+50			6 14	85 55		C4 06	" "
℄ PAV			5 70	85 99	2381.49		
8+00			6 34	85 35		C3 80	" "
℄ PAV			5 64	86 05	2381.55		
8+50			5 34	85 35		C4 72	" "
℄ PAV			5 56	86 13	2381.63		
9+00			5 19	[illegible]		C4 81	" "
℄ PAV			5 50	86 19	2381.69		
9+50			5 47	86 22		C4 50	" "
℄ PAV			5 47	86 22	2381.72		
10+00			6 09	85 60		C4 06	" "
℄ PAV			5 65	86 04	2381.54		
10+50			6 31	85 38		C3 90	" "
℄ PAV			5 71	2385 98	2381.48		

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STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	
		2391 69					
11+00	4 72	2390 12	6 29	2385 40		C4 05	STK&T 5'N.
℄ PAV			4 27	8585	2381.35		
11+50			4 95	8517		C3 92	" "
℄ PAV.			4 37	8575	2381.25		
12+00			4 99	8513		C4 04	" "
℄ PAV			4 53	8559	2381.09		
12 + 50			5 19	8493		C3 94	" "
℄ PAV			4 63	8549	2380.99		
F.H. 12+76			5 35	8477		C3 86	" "
℄ PAV			4 71	8541	2380.91		
G.V. 12+83			5 35	8477		C3 89	" "
℄ PAV.			4 74	8538	2380.88		
13+00			5 52	8460		C3 78	" "
℄ PAV			4 80	8532	2380.82		
13+50			5 44	8468		C3 92	" "
℄ PAV.			4 86	8526	2380.76		
14+00			5 07	8505		C4 45	" "
℄ PAV			5 02	8510	2380.60		
14 + 50			5 11	8501		C4 82	" "
℄ PAV.			5 43	23 8469	2380.19		

Profile Notes Red ____ Plotted ____ Job No. 504216 Division No. ____ F.B. 2292 Pg. 247
No. ____ Date ____ Date ____ Survey of AVEK/20th-30th STS.W/WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by HALISCKY Notes S.H. Date 12-17-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

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F.B. 2292 PG. 248
Job No. 50 4216 Division No. 30 Notes Red Plotted Profile
Survey of AVE K/20 TO 25 W/W ATERMAIN Date Date No.
Survey by HALLSCKY Notes Chkd. Checked X-Sec.
Index C. JOHNSON Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	
		2390 12					
15+00	3 67	2387 96	5 83	2384 29		C4 54	START 5'N
℄ PAV			3 71	8425	2379.75		
15+50			4 49	8347		C4 17	" "
℄ PAV			4 16	8380	2379.30		
16+00			5 27	8269		C3 86	" "
℄ PAV			4 63	8333	2378.83		
16+50			5 88	8255		C3 66	" "
℄ PAV			5 04	8292	2378.42		
17+00			5 75	8121		C4 05	" "
℄ PAV			5 30	8266	2378.16		
17+50			5 64	8232		C4 18	" "
℄ PAV.			5 32	8264	2378.14		
18+00			5 95	8201		C3 65	" "
℄ PAV.			5 10	8246	2378.36		
18+50			5 27	8269		C3 99	" "
℄ PAV			4 76	8320	2378.70		
19+00	5 62	2389 26	4 32	2383 64		C4 41	" "
℄ PAV.			5 53	8373	2379.23		
F.H. 19+49			5 52	8374		C4 13	" "
℄ PAV			5 15	2384 11	2379.61		

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT	
		2359 26					
20+00			5 63	2383 63		C 37	STREET S'N.
℄ PAV			4 90	84 36	2379.86		
20+50			5 69	8357		C 54	" "
℄ PAV			4 73	8453	2380.09		
21+00			5 03	8423		C 82	"
℄ PAV			4 35	8491	2380.41		
21+50			4 43	8483		C 94	" "
℄ PAV			3 87	8539	2380.29		
22+00			4 35	8491		C 56	" "
℄ PAV			3 41	8585	2381.35		
22+50			4 17	8509		C 43	"
℄ PAV			3 10	8616	2381.66		
23+00	6 18	2391 65	3 73	2385 53		C 70	"
℄ PAV			3 32	8633	2381.83		
23+50			6 22	8543		C 43	" "
℄ PAV			5 15	8650	2382.00		
24+00			5 80	8585		C 62	" "
℄ PAV			4 92	8673	2382.23		
24+50			5 34	8631		C 67	" "
℄ PAV			4 51	2387 14	2382.64		

Profile Notes Red. Plotted Job No. 5042 Division No. 75 F. B. 2292 Pg. 219
No. Date Date Survey of AVENUE 20 Notes
X-Sec. Notes Chkd. Checked Survey by HALSCKY Date 12-17-59
No. Date Date Map No. Indexed C. JOHNSON Date

76L-298 S & E #307—1-56

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F. B. 2292 PG. 250 Profile
Job No. 50216 Division No. Plotted
Survey of ALISO CIR. Notes Red. No. X-Sec.
Survey by HALLSEY Notes Chkd. Date 12-17-59 Date
Indexed [redacted] C. Johnson Date Checked
Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT	
		2391 65					STKT S'N.
25+00			5 29	2386 36		C3 40	" "
℄ PAV.			4 19	87 46	2382 96		
25+50			4 93	86 72		C3 47	" "
℄ PAV.			3 90	87 75	2383 25		
26+00			4 19	87 46		C3 95	" "
℄ PAV F.H.			3 64	88 01	2383 51		
26+19			4 13	87 52		C3 00	" "
℄ PAV G.J.			3 63	88 02	2383 52		
26+26			3 94	87 71		C4 19	" "
℄ PAV			3 63	88 02	2383 52		
26+50			3 96	87 69		C4 20	" "
℄ PAV CROSS			3 66	87 99	2383 49		
27+10	5 62	2392 17	5 10	2386 55		C3 48	SPK & T. S'N.
℄ PAV.			4 69	87 57	2383 07		
27+50			5 72	86 45		C3 97	STK & T. S'N
℄ PAV.			5 19	87 97	2382 48		
28+00			6 15	86 00		C4 10	" "
℄ PAV			5 75	86 42	2381 92		
28+50			5 [illegible]	[illegible]		C4 43	" "
℄ PAV			5 77	2386 42	2381 90		

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT	
		2392 17					
29+00			5 66	238651		C 4 06	STRET 5'N.
℄ PAV.			5 22	8695	2382 45		
29+50			5 06	8711		C 3 72	" "
℄ PAV.			4 28	8789	2383 39		
30+00			4 18	8799		C 3 64	" "
℄ PAV.			3 32	8885	2384 35		
30+50			3 39	8878		C 3 73	" "
℄ PAV			2 62	8955	2385 05		
31+00	6 40	2395 59	2 98	2389 19		C 3 81	" "
℄ PAV			5 71	8988	2385 38		
31+50			5 86	8973		C 3 77	" "
℄ PAV.			5 33	9026	2385 76		
32+00			5 43	9016		C 4 06	" "
℄ PAV.			4 99	9060	2386 10		
32+50			5 22	9037		C 3 95	" "
℄ PAV.			4 67	9092	2386 42		
33+00			4 72	9087		C 4 28	" "
℄ PAV.			4 50	9109	2386 59		
33+50			4 71	9088		C 4 15	" "
℄ PAV			4 36	239123	2386 73		

Profile Notes Red ____ Plotted ____ Job No. 52424 Division No. ____ F. B. 2292 Pg. 251
No. ____ Date ____ Date ____ Date ____ Survey of AVE K/20 Z/30 ZH 35TH W/W WATERMAIN
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by HALLSCKY Notes S.H. Date 12/7/59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson

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STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	
		2395 59					
F.H. 33+66			4 66	239093		C4 15	STK & T 5'N.
℄ PAV			4 31	9128	2386 78		
34+00			4 67	9092		C4 06	" "
℄ PAV.			4 23	9133	2386 86		
34+50			4 55	9104		C4 13	" "
℄ PAV.			4 18	9141	2386 91		
35+00	4 48	2395 63	4 44	239[illegible]15		C4 23	" "
℄ PAV			4 21	9142	2386 92		
35+50			4 78	9085		C4 00	" "
℄ PAV.			4 28	9135	2386 85		
36+00			5 29	9034		C3 53	" "
℄ PAV.			4 32	9131	2386 81		
36+50			5 52	9011		C3 34	" "
℄ PAV			4 36	9127	2386 77		
37+00			5 67	8996		C3 14	" "
℄ PAV.			4 31	9132	2386 82		
37+50			5 30	9033		C3 49	" "
℄ PAV			4 29	9134	2386 84		
38+00			5 40	9023		C3 39	" "
℄ PAV.			4 29	239134	2386 84		

F.B. 2292 Pg. 252
Survey of AVEK (20th-30th STS. W/WATERMAIN) Job No. 504216 Division No. Notes Red Plotted Profile
Survey by HALISCKY Notes HALISCKY Date 12-17-59 Date No. X-Sec.
Indexed C. [illegible] Date Notes Chkd. Checked Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	
		2395 63					
38+50			4 67	2390 96		C4 13	STK&T 5'N
℄ PAV			4 30	91 33	2386 83		
39+00	5 39	2395 77	5 25	2390 38		C3 68	" "
℄ PAV			4 57	91 20	2386 70		
39+50			5 30	90 47		C4 00	SPK&T 5'N
℄ PAV			4 80	90 97	2386 47		
—			—				
—			—				
F.H. 39+67			5 23	90 54		C4 18	SPK&T 5'N
℄ PAV			4 91	90 86	2386 36		
G.V. 39+74			5 24	90 53		C4 25	" "
℄ PAV			4 99	90 78	2386 28		
40+00			5 56	90 21		C4 25	SPK&T 5'N
℄ PAV			5 31	90 46	2385 96		
CROSS 40+43			5 55	90 22		C3 94	" "
℄ PAV			4 99	90 78	2386 28		
41+00			4 80	90 97		C4 18	STK&T 5'N
℄ PAV			4 48	91 29	2386 79		
41+50			4 95	90 82		C3 91	" "
℄ PAV			4 36	2391 41	2386 91		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 50426 Division No. ____ F.B. 2292 Pg. 253
X-Sec. No. ____ Date ____ Date ____ Survey of AVEX (20th 30th St SW) WATERMAIN
Notes Chkd. ____ Checked ____ Survey by HALISCKY Notes S.H. Date 12-17-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT	
		2395 77					
42+00			4 96	2390 81		C 4 06	STK @ +5' N.
℄ PAV			4 52	91 25	2386 75		
42+50			5 13	90 64		C 392	" "
℄ PAV.			4 55	91 22	2386 72		
43+00	5 45	2396 04	5 18	2390 59		C 382	" "
℄ PAV			4 77	91 27	2386 77		
43+50			5 23	90 81		C 393	" "
℄ PAV.			4 66	91 38	2386 88		
44+00			4 74	91 30		C 424	" "
℄ PAV.			4 48	91 56	2387 06		
44+50			4 40	91 64		C 447	" "
℄ PAV.			4 37	91 67	2387 17		
45+00			4 34	91 70		C 452	" "
℄ PAV			4 36	91 68	2387 18		
45+50			4 32	91 72		C 459	" "
℄ PAV.			4 41	91 63	2387 13		
46+00			4 58	91 46		C 439	" "
℄ PAV			4 47	91 57	2387 07		
46+50			4 79	91 25		C 429	" "
℄ PAV.			4 58	2391 46	2386 96		

F.B. 2292 Pg. 254

Job No. 5042/6 Division No. Notes Red Plotted Profile

Survey of AVEK/20TH 30 STS W/WATERMAIN Date 12-1-59 Date No. X-Sec.

Survey by HALISCEY Notes HALISCEY Notes Chkd. Checked No.

Indexed 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.	GRADE	CUT	
		2396 04					
47+00	4 06	2395 30	4 80	2391 24		5434	[illegible] 5 [illegible]
℄ PAV.			3 90	91 40	2386 90		
47+50			3 88	91 42		5467	" "
℄ PAV. F.H.			4 00	91 30	2386 86		
47+62			3 96	91 34		5467	" "
℄ PAV			4 13	91 17	2386 87		
48+00			4 04	[illegible]		5465	
℄ PAV			4 13	91 04	2386 59		
48+50			[illegible]	90 [illegible]		5432	
℄ PAV			4 43	90 87	2386 37		
49+00			4 68	90 62		[illegible]	
℄ PAV.			4 46	90 84	2386 34	5456	
49+50			4 47	90 83			
℄ PAV.			4 53	90 77	2386 27		
50+00			4 68	90 62		5436	
℄ PAV.			4 74	90 56	2386 06		
50+50			5 20	90 10		5432	
℄ PAV.			5 02	90 28	2385 78		
51+00	3 46	2393 47	5 29	2390 01		5147	
℄ PAV			3 40	90 07	2385 57		

Profile Notes Red. ____ Plotted ____ Job No. 56 12 11 Division No. ____ F. B. 2542 Pg. 255
No. ____ Date ____ Date ____ Survey of ALL K 2,7,8,30 STREET WATER MAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Note HALKER Date 12-12-52
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT	
		2393 47					
51+50			4 15	2389 32		C 4 [illegible]	STK & T 5' N
℄ PAV			3 71	89 76	2385 26		
52+00			4 32	89 15		C 4 3[illegible]	" "
℄ PAV			4 12	89 35	2384 85		
52+50			4 25	89 22		C 4 68	" "
℄ PAV F.H			4 43	89 04	2384 54		
52+89			4 03	89 44		C 5 16	" "
℄ PAV G.V			4 69	88 78	2384 28		
52+97			4 06	89 41		C 5 1[illegible]	" "
℄ PAV.			4 [illegible]	88 72	2384 22		
53+50			4 33	89 14		C 5 42	" "
℄ PAV			5 25	88 22	2383 72		
53+72 21			4 68	88 79		C 5 18	" " LINE END 10" A.C. WATER
℄ PAV.			5 36	2388 11	2383 61		
BM K-30W	8 67	2395 06	7 08	2386 39	BM K-30W EL. 2386 39 COUNTY SURVEYOR BRASS CAP MON AT ℄ INT AVE K & 30TH ST. W, 8" DN IN WELL.		

F. B. 2292 Pg. 256 Job No. 504216 Division No. Notes Red. Plotted Profile
Survey of AVE K (20TH & 30TH ST. W) WATERMAIN Date 12-18-59 Date No. X-Sec.
Survey by HALISCKY Notes HALISCKY 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.		54"
		2395 06				
ST. 48+00	3 46	2396 66	3 86	2391 20		STK&T.
ST. 42+00	4 83	2395 62	5 87	2390 79		STK&T
ST. 36+00	5 [illegible]	2395 90	5 30	2390 32		STK&T
ST. 30+00	3 60	2397 58	7 92	2387 98		STK&T
ST. 24+00	3 39	2389 24	5 73	2385 85		STK&T
ST. 18+00	7 27	2389 28	7 23	2382 01		STK&T
ST. 12+00	6 17	2391 31	4 14	2385 14		
ST. 6+00	4 49	2390 05	5 75	2385 56		
BM SL-321			4 13	2385 92	BM-SL-321 EL=2385.899 ✓ RD. DEPT LANCASTER 1957 AVE K & 20TH ST. W. AT ℄ INT CO. SUR. BRASS CAP MONUMENT	

Profile Notes Red. ____ Plotted ____ Job No. [illegible] Division No. ____ F. B. 2292 Pg. 257
No. ____ Date ____ Date ____ Survey of AVE K (20TH 30TH ST. W.) WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by HALISCAY Notes S.H. Date 12-18-59
No. ____ Date ____ Date ____ Map No. ____ Indexed R. C. Johnson Date ____

Profile	Notes Red.	Plotted	Job No. 504279	Division No.	F. B. 2292	Pg. 259
No.	Date	Date	Survey of AVE K (30TH-34TH ST. W) WATERMAIN			
X-Sec.	Notes Chkd.	Checked	Survey by HALISCKY	Notes S. H.	Date 2-17-60	
No.	Date	Date	Map No.	Indexed G. Johnson	Date	

J.N. 5042.79

CONSTRUCTION STAKING & GRADE FOR AVE K (30TH-34TH STS. W) WATERMAIN

35th ST. WEST

80+33.97 (PLAN)
S 1/4 SEC. 19, T7N, R12W

PARTY
HALISCKY
RITTER
TALBOT
MITCHELL

NOTE: WATER LINE STAKED WITH 1X2 & TINS & SPKS & TS. AT 50 FT STATIONS AND 5 FT. NORTH OF WATERMAIN. GRADE GIVEN TO BOTTOM OF TRENCH WHICH IS 54 INS. BELOW ℄ OF AVE K.

34th ST. W. 77+01.07 (PLAN)

76+88.07 END LINE

44

76+36.07 F.H.
76+31.07 G.V.

71+06.89 F.H.

AVE K ℄

10" WATERMAIN

ELEV.

65+77.71 F.H

65+70.71 G.V.

F. B.

44'

63+26.07 EXIST METER

2°

H. I.

GRADE SHEETS COMPLETED IN FIELD & SUPPLIED TO WATERWORKS SUPERINTENDENT, LANCASTER OFFICE ON 2-18-60

62+82.71 G.V. & TEE

59+17.71 F.H

B. S.

55+34.00 G.V.

54+16.71 2 (TEE)

32'

STATION

53+73.5 EXIST. 10" PLUG

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT		
BMK-30W	5 19	239158		238639	BM #K-30W EL=2386.39 ✓ FB 2292-256 COUNTY SURVEYORS BRASS CAP MONUMENT AT INT. OF AVE K & 30TH ST. W. DN. 20" IN WELL			
53+73 50			3 13	238845	8361	C4 84		EXIST. 10" PL 1X2 & N (5'N)
℄ K			3 47	8811	—			
54+16 71 TEE			—					1X2 5' No. (32' No. ℄ K)
℄ K			3 68	8790				
5' SO			4 62	8696	8340	C3 56		
5' W			4 57	8701	8340	C3 61		
54+16 71 TEE			—					(44' No ℄ K)
5 No			4 94	8664	8340	C3 24		
5' E			4 84	8674	8340	C3 34		
54+50			4 85	8673	8323	C3 50		
℄ K			3 85	8773	—			G.V.
55+00			4 80	8678	8314	C3 64		
℄ K			3 94	8764	—			
55+34 G.V			4 77	8681	8316	C3 65		
℄ K			3 92	8766	—			
55+50			4 86	8672	8317	C3 55		
℄ K			3 91	8767				

NOTE: GRADE FOR BOTTOM OF TRENCH GIVEN AS 54 IN. BELOW ℄ OF AVE K

F. B. 2292 PG. 260 Job No. 504279 Division No. Notes Red. Plotted Profile
Survey of AVE K (30TH ST. W) WATERMAIN Date Date No. X-Sec.
Survey by HALISCKY Notes HALISCKY Notes Chkd. Checked
Indexed K. C. Johnston Date 2-17-60 Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT		
		239158						
56+00			494	238664	238317	C3 47		
℄ K			391	8767	—			
56+50			504	8654	8308	C3 46		
℄ K			400	8758	—			
57+00			521	8637	8300	C3 37		
℄ K			408	8750	—			
57+50			521	8637	8295	C3 42		
℄ K			413	8745	—			
58+00	431	239070	519	8639	8291	C3 48		
℄ K			329	8741	—			
58+50			447	8623	8285	C3 38		
℄ K			335	8735	—			
59+00			452	8618	8278	C3 40		
℄ K			342	8728	—			
59+77.71			446	8624	8274	C3 50		
℄ K			346	8724	—			
59+50			444	8626	8266	C3 60		
℄ K			354	8716	—			
60+00			456	8614	8261	C3 53		
℄ K			359	8711	—			

Profile Notes Red. _____ Plotted _____ Job No. 504278 Division No. _____ F. B. 2292 Pg. 261
No. X-Sec. _____ Date _____ Date _____ Survey of AVE K/30 TH 34 TH STS W/WATERMAIN
No. _____ Notes Chkd. _____ Checked _____ Survey by HALSCKY Notes S. H. Date 2-17-60
Date _____ Date _____ Map No. _____ Index C. Johnson Date _____

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT		
		239070						
60+50			4 75	238595	238252	C3 43		
℄K			3 68	8702	—			
61+00			4 64	8606	8245	C3 61		
℄K			3 75	8695	—			
61+50			4 30	8640	8236	C4 04		
℄K			3 84	8686	—			
62+00			4 47	8623	8233	C3 90		
℄K			3 87	8683	—			
62+50			4 59	8611	8238	C3 73		
℄K			3 83	8688	—			
62+82 71			4 80	8590	8238	C3 52		
℄K			3 82	9688	—			
TBM	4 13	2390 91	3 92	238678	TBM SET Lg BT. SPK. No. SIDE P.P. #1051420E WEST OF 30TH ST. W. 800'± W ON AVE K No. SIDE OF ST.			
					GRADE	CUT		
63+00			4 95	238596	238243	C3 53		
℄K			3 98	8693	—			
EXIST. METER			5 17	8574	—			EAST END TOP (IN)
63+50			4 81	8610	8244	C3 66		
℄K			3 97	8694	—			

F. B. 2292 Pg. 262 Job No. 504279 Division No. Notes Red. Plotted Profile
Survey of AVE K/30TH ST. W/WATERMAIN Date Date No. X-Sec.
Survey by HALISCKY Notes HALISCKY 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.	GRADE	CUT		
		2390 91						
64+00			4 79	2386 12	2382 44	C3 68		
℄ K			3 97	86 94	—			
64+50			4 97	85 94	2382 39	C3 55		
℄ K			4 02	86 89	—			
65+00			4 87	86 04	2382 24	C3 80		
℄ K			4 17	86 74	—			
65 + 50	6 56	2392 42	5 05	2385 86	2382 07	C3 79		
℄ K			5 85	86 57	—			
G.V. 65+70 71			6 72	85 70	2382 03	C3 67		
℄ K			5 89	86 53	—			
65+77 71 F.H.			6 64	85 78	2382 02	C3 76		
℄ K			5 90	86 52	—			
66+00			6 69	85 73	2381 97	C3 76		
℄ K			5 95	86 47	—			
66+50			6 81	85 61	2381 84	C3 77		
℄ K			6 08	86 34	—			
67+00			6 65	85 77	2381 62	C4 15		
℄ K			6 30	86 12	—			
67 + 50			7 40	85 02	2381 44	C3 58		
℄ K			6 48	2385 94	—			

x x x

Profile Notes Red. ____ Plotted ____ Job No. 504279 Division No. ____ F. B. 2292 Pg. 263
No. ____ Date ____ Date ____ Survey of AVE K (30TH-34TH STS. W) WATERMAIN
X-Sec. Notes Chkd. ____ Checked ____ Survey by HALISCKY Notes S. H. Date 2-17-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT		
		2392 42						
68+00			7 12	2385 30	2381 36	C3 94		
℄ K			6 56	8586	—			
68+50			6 91	8551	2381 29	C4 22		
℄ K			6 63	8579	—			
69+00			2 96	8946	2381 19	C8 27		
℄ K			6 73	8569	—			
69+50	4 88	2389 58	7 72	2384 70	2381 00	C3 70		
℄ K			4 08	8550	—			
70+00			4 74	8484	2380 82	C4 02		
℄ K			4 26	8532	—			
70+50			5 00	8458	2380 77	C3 81		
℄ K			4 31	8527	—			
71+00			4 91	8467	2380 86	C3 81		
℄ K			4 22	8536	—			
F.H. 71+06 89			4 92	8466	2380 88	C3 78		
℄ K			4 20	8538	—			
71+50			4 30	8528	2380 96	C4 32		
℄ K			4 12	8546	—			
72+00			4 71	8487	2380 97	C3 90		
℄ K			4 11	2385 47	—			

x x x

F. B. 2292 Pg. 264 Job No. 504279 Division No. Notes Red. Plotted Profile
Survey of AVE K (30TH 34TH STS. W) WATERMAIN Date Date No. X-Sec.
Survey by HALISCKY Notes HALISCKY Notes Chkd. Checked No.
Indexed C. Johnson Date 2-17-60 Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT
		2389 58				
72+50			4 39	2385 19	2380 94	C4 25
℄ K			4 14	85 44	—	
73+00			4 52	85 06	2380 88	C4 18
℄ K			4 20	85 38	—	
73+50	3 96	2388 97	4 57	2385 01	2380 78	C4 23
℄ K			3 69	85 28	—	
74+00			4 18	84 79	2380 68	C4 11
℄ K			3 79	85 18	—	
74+50			4 42	84 55	2380 64	C3 91
℄ K			3 83	85 14	—	
75+00			4 45	84 52	2380 65	C3 87
℄ K			3 82	85 15	—	
75+50			4 34	84 63	2380 77	C3 86
℄ K			3 70	85 27	—	
76+00			4 39	84 58	2380 92	C3 66
℄ K			3 55	85 42	—	
76+31 07 G.V.			3 91	85 06	2380 97	C4 09
℄ K			3 50	85 47	—	
76+36 07 F.H.			4 00	84 97	2380 97	C4 00
℄ K			3 50	23 85 47	—	

Profile No. X-Sec. No.
Notes Red. Date Notes Chkd. Date Map No.
Plotted Date Checked Date Indexed
Job No. 5 44279 Division No.
Survey of AVE K (30TH 34TH) STS WILW ALTERNATE
Survey by HALISCKY Notes S. H. Date 2-17-60
C. Johnson Date
F. B. 2292 Pg. 265

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT		
		2388 97						
76+88 07			3 74	2385 23	2380 97	C4 26		END LINE
℄K			3 50	2385 47	—			
					x	x		
T.P.	4 44	2389 67	3 74	2385 23				
BM#K-35W	5 95	2389 53	6 09	2383 58	BM#K-35W			
					FD. 1/4 SEC. COR. CONC. MON. WITH BRASS CAP.			
					INT. AVE K & 35TH ST. W. 18" DN. IN WELL			
T.P.	4 51	2389 73	4 31	2385 22				
TP	4 76	2389 93	4 56	2385 17				72+50
TP	5 47	2391 00	4 40	2385 53				SPK
TP	4 99	2390 91	5 08	2385 92				64+50
TBM	4 60	2391 39	4 12	2386 79	TBM EL.=2386.78 F.B. 2292-262			
					Lg. BT. SPK. IN N. SIDE P.P. #10S1420E WEST OF			
					30TH ST. W. 800' ± W ON AVE K, No. SIDE OF ST.			
T.P.	5 60	2391 99	5 00	2386 39				57+50
BM#K-30W			5 56	2386 43	BM#K-30W EL.=2386 39 F.B. 2292-256			
					COUNTY SURVEYOR BRASS CAP MON. AT			
					INT. AVE K & 30TH ST. W. 20" DN. IN WELL			

Pg. 2292 Pg. 266 Job No. 5042 79 Division No. Notes Red. Plotted Profile
Survey of AVE K/30TH, 34TH STS W WATERMAIN Date Date No. X-Sec.
Survey by HALISCKY Notes HALISCKY Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

Profile	Notes Red.	Plotted	Job No. 5042.79	Division No.
No.	Date	Date	Survey of AVE K. (30ST TO 34ST W) WATERMAINS	
X-Sec.	Notes Chkd.	Checked	Survey by HALISCK	Notes S.H. Date FEB. 17 - 60
No.	Date	Date	Map No.	Index No. C. John Date

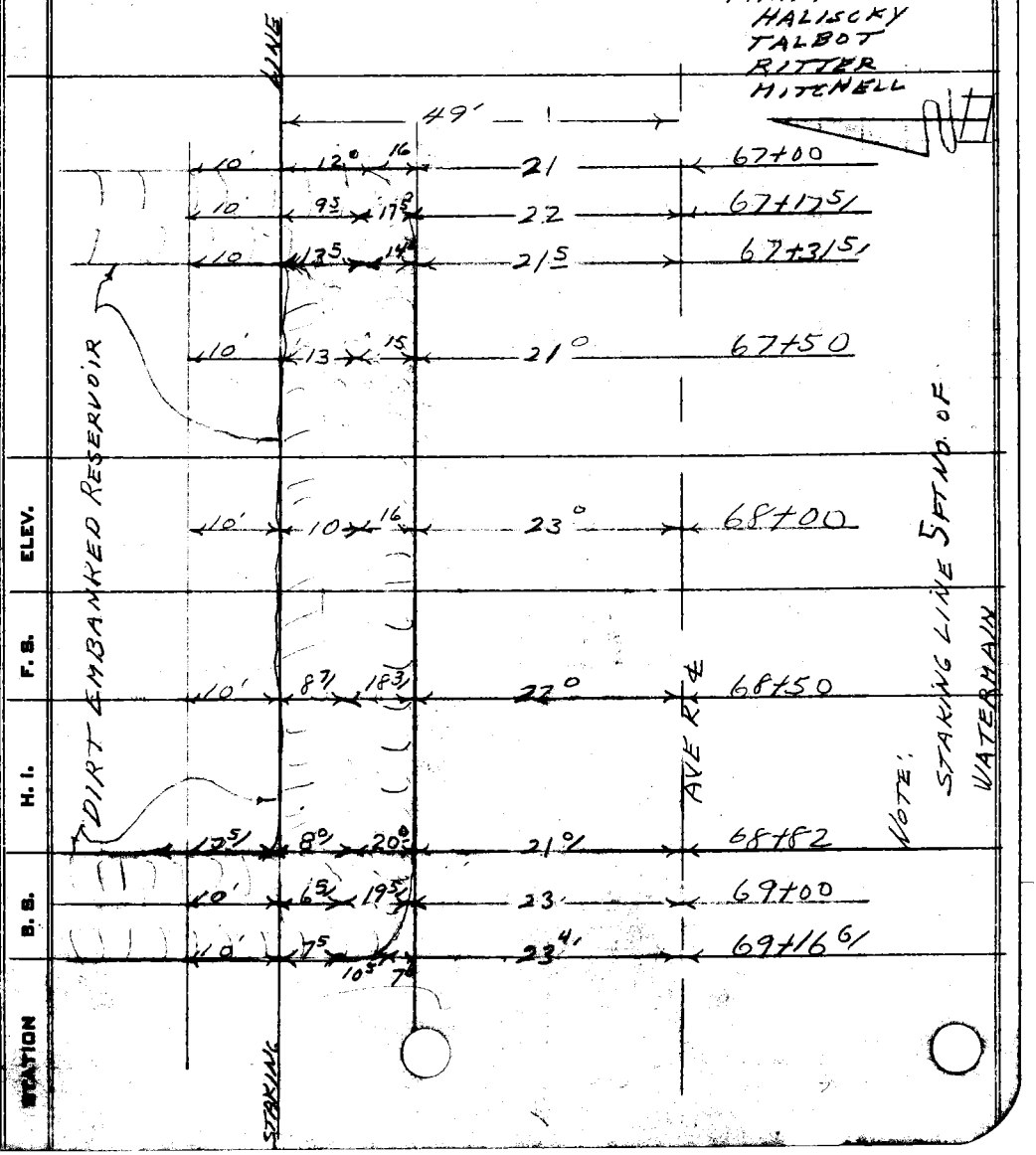
F. B. 2292 PG. 267

J.N. 5042.79.

CROSS SECTIONS FOR AVE K (30TH - 34TH STS. W) WATERMAIN

BET STA. 67+00 & 69+50

PARTY
HALISCKY
TALBOT
RITTER
MITCHELL



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761-295 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
STA. 67+00	8 34	2394 11		2385 77	STA. 67+00 (SPK & TIN ON STAKING LINE 5'N OF ℄ WATERMAIN)	EL=2385.77 SEE PG 263
10 R.			8 6	85 5		
12 L.			8 3	85 8		
28 L			9 0	85 1	GUT.	
49 L			8 01	86 10	℄ AVE K	
67+17.5			4 1	90 0		
10 R.			4 0	90 1		
9.5 L			3 9	90 2	TOP BR.	
27.0 L			9 2	84 9	GUT	
49.0 L			8 09	86 02	℄ K	
67+31.5			8 0	86 1	BOT BR INSIDE COR.	
10 R			9 5	84 6	INSIDE BOT BR.	
13.5 L			4 7	89 4	TOP BR	
27.5 L			8 5	85 6	GUT.	
49.0 L			8 12	85 99	℄ K	
67+50			9 2	84 9		
10 R			10 2	83 9		
13.0 L			4 6	89 5	TOP BR.	
28.0 L			9 6	84 5	GUT.	
49.0 L			8 18	85 93	℄ K	
68+00			8 9	2385 2		

B. 2292 PG. 268
Job No. 5042.79 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of AVE K. (30 TO 34 SW) WATER MAINS Date ____ Date ____ No. ____ X-Sec. ____
Survey by HALISCKY Notes S. H. Notes Chkd. ____ Checked ____ No. ____
Indexed C. Johnson Date 2-17-60 Date ____ Date ____

76L, 298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
68+00		2394 11				
10R			104	2383 7		
10°L			52	889	TOP BR.	
26 L			97	844	GUT.	
49°L			826	8585	℄ K	
68+50			86	855		
10R			109	832		
82 L			48	893	TOP BR.	
27° L			96	845	GUT	
49°L			834	8577	℄ K	
68+82°			74	867	INSIDE. COR. W. SIDE RES.	
17°R			99	842		
8°L			45	896	TOP	
28°L			96	845	GUT	
49°L			838	8573	℄ K	
69+00			45	896		
10°R			47	894		
65L			45	896	TOP BR.	
26°L			97	844	GUT	
49° L			844	8567	℄ K	
69+16			92	2384 9	BOT BR	

Profile Notes Red. Plotted Job No. 5042.79 Division No.
No. Date Date Survey of AVE. K (30 TO 34 ST W) WATERMAINS
X-Sec. Notes Chkd. Checked Survey by HALISCKY Notes S.H. Date 2-17-60
No. Date Date Map No. Index C. Johnson

F. B. 2292 PG. 26

F. B. 2292 Pg. 270 Job No 5042.79 Division No. Notes Red. Plotted Profile

Survey of AVE. K (30 To 34 ST W) WATERMAINS Date Date

Survey by HALBCKY Notes S. H. Notes Chkd. Check

Indexed C. Johnson Date 2-17-60 Date Date

10 R			9 5	2384 6	BOT BR	
75 L			8 4	85 7	—	
18 °L			8 3	85 8	T. BR	
25.6 L			9 7	84 4	GUTT.	
49 °L			8 50	85 61	℄ AVE. K	
STA. 69+50			9 40	2384 71	STA 69+50 (SPK & TIN ON STAKING LINE 5' N OF ℄ WATERMAIN)	EL=2384.70 SEE PG 264