Notes Ck'd by		Survey of	F.B. 3195 Pg.
Map No.		JN Tape Std °F	
Office Work		Surveyed by	
Checked		Notes Date	
Date		Indexed	

Page	Job	Description
		W.W. DIST. NO. 36 0303.00
5-32	Loc.Imp	Location of pipe on Del Valle Rd. fr. Hasley Cn. Rd. to Lincoln Ave
33-46	Ties	Tying in ext. pipeline to ctr ln. around San Martinez Rd. Lincoln Rd. & Del Valle
47-60	Ties	Survey to tie Hasley Cn. Rd. & Del Valle Rd. to Zone 7 coordinates
61-138	Staking	Staking for 8" waterli. fr. well site at Honor Farm W'ly on Hasley Cn. Rd. & Del Valle Rd. to Val Verde.
		W.W.#36 - VAL VERDE RES.SITE 5365.
141-149	Bdry	Bdry. of Val Verde Res. Site 00
151-161	C.L.	Retrac. of Hasley Cn. Rd. from Old Rdg. Rt. SW'ly to B.C. # 8
163-168	Topo.	Topo on the above
169-177	X-Sec.	Vic. Old U.S. Hwy # 99 & P.I's 6 & 7
		W.W.DIST. NO. 36 - VAL VERDE RESERVOIR SITE 2505.14
179-180	Index	
181-184	Ease.	Easement to Val Verde Res. Site
185-186	Bdry.	Boundary of Val Verde Res. Site in Sec. 8, T.4N., R.17 W.
187-192	Ease.	Access easement fr. San Martinez Rd. W'ly to Reservoir Site.

Microfilmed Feb. 85.

(OVER)

Notes Ck'd by Map. No. Office Work Checked Date	Survey of WW-DIST-Nº 36 JN 5364.16 Tape 199 Std 84 °F Surveyed by L-V-SMITH Notes L-V-S- Date 6-64 Indexed R. J. GALLI JUN 1 7 1964	F. B. 3195 Pg. 5

WATERWORKS DISTRICT Nº 36
VAL VERDE
J.N. 5364.16

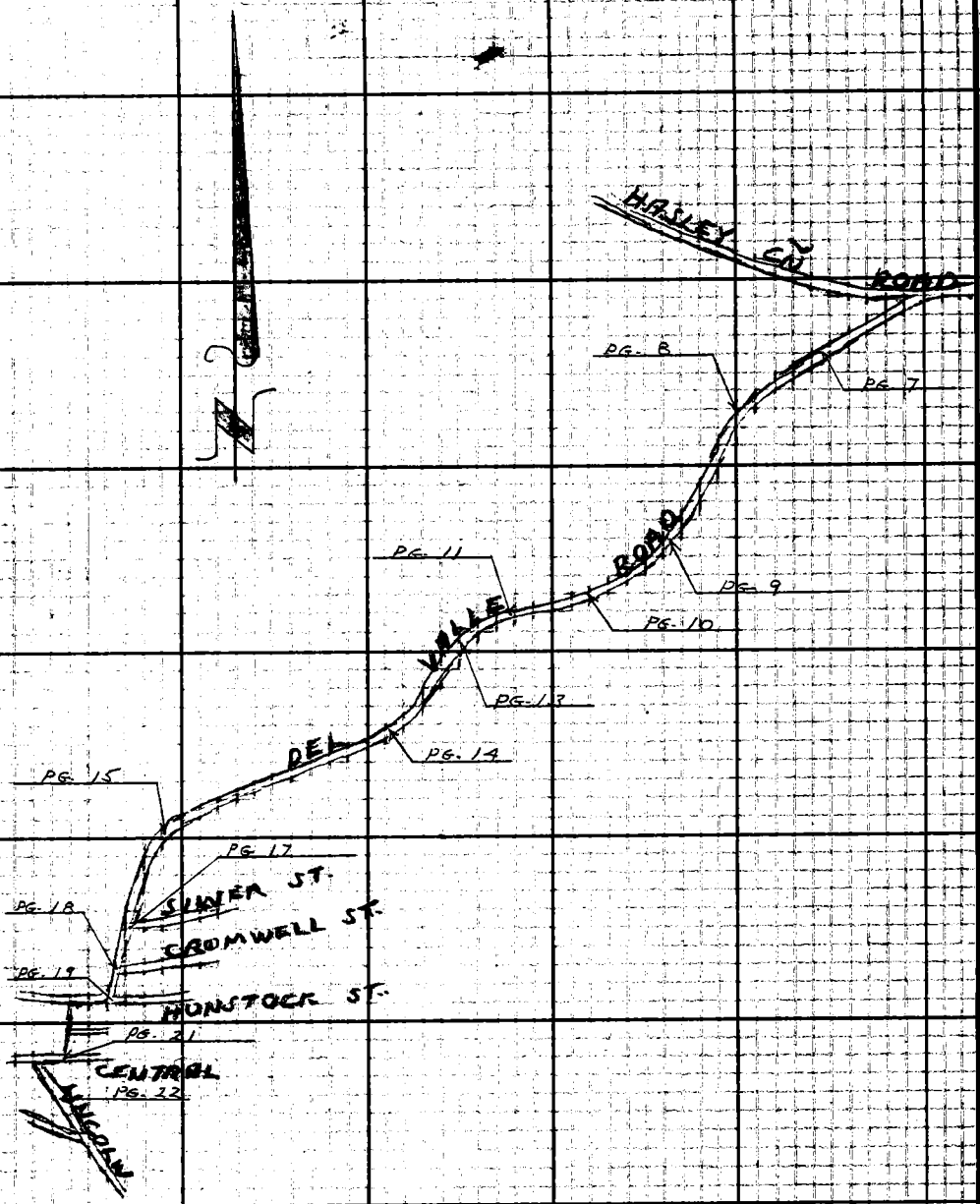
LOCATION OF PROPOSED WATER LINE & TOPOGRAPHY ALONG PROPOSED LINE FROM INTERSECTION OF HASLEY CN. ROAD & DEL VALLE ROAD S.WLY. ALONG DEL VALLE ROAD TO TANK SITE AT LINCOLN AVE. & CENTRAL AVE.

JUNE 1964

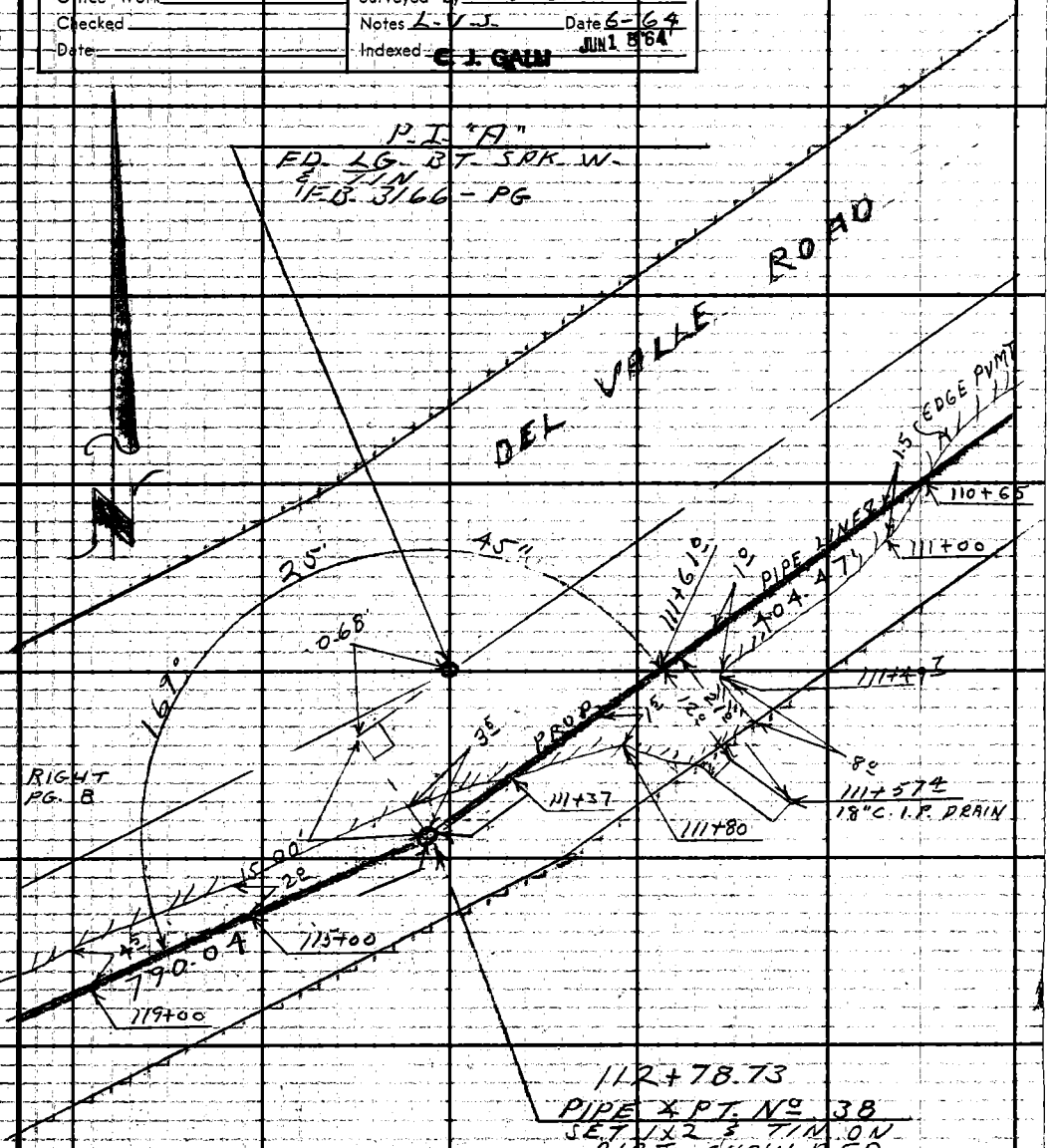
PARTY
L.V. SMITH
J.P. McCALL
J.T. EALSEY
R.M. TERRAZONE
E.N. HURLEY

F. B. 3195 PG. 6

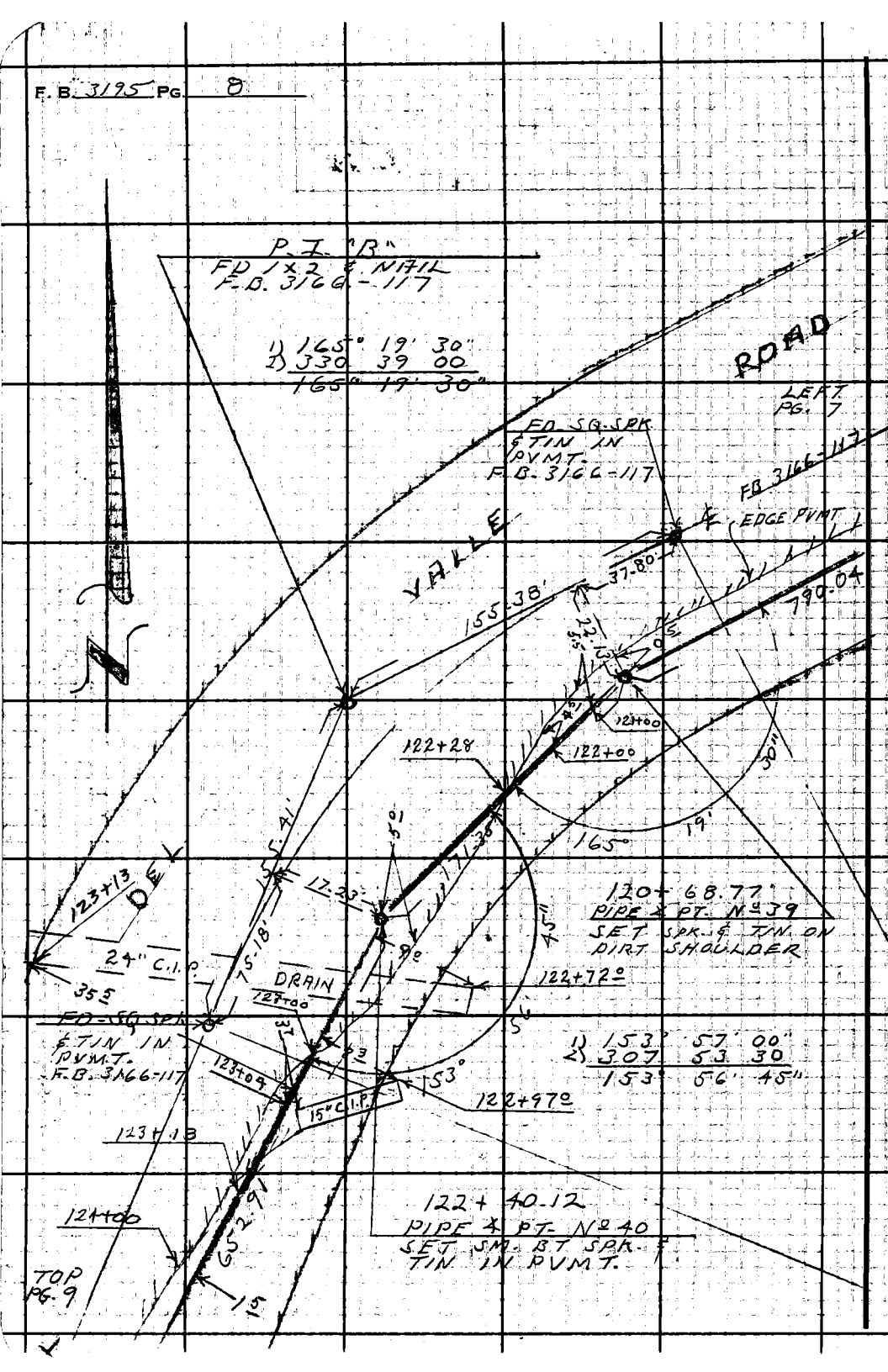
INDEX



Notes Ck'd by	Survey of WW DIST No 36	F. B. 3195 PG. 7
Map No.	JN 5364.16 Tape 199 Std B 4 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes L.V.S. Date 6-64	
Date	Indexed C. J. GALLI JUN 1 8 '64	

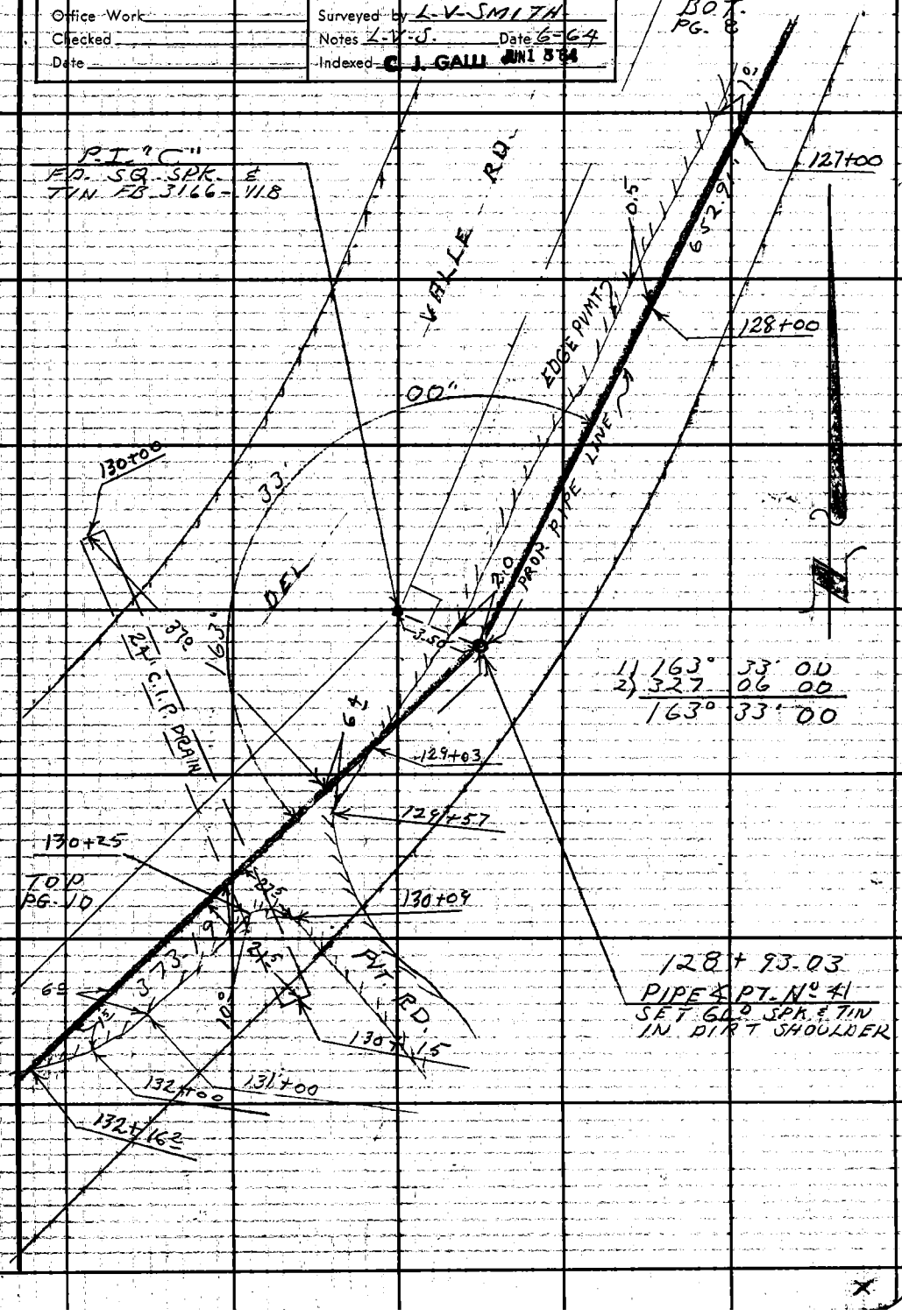


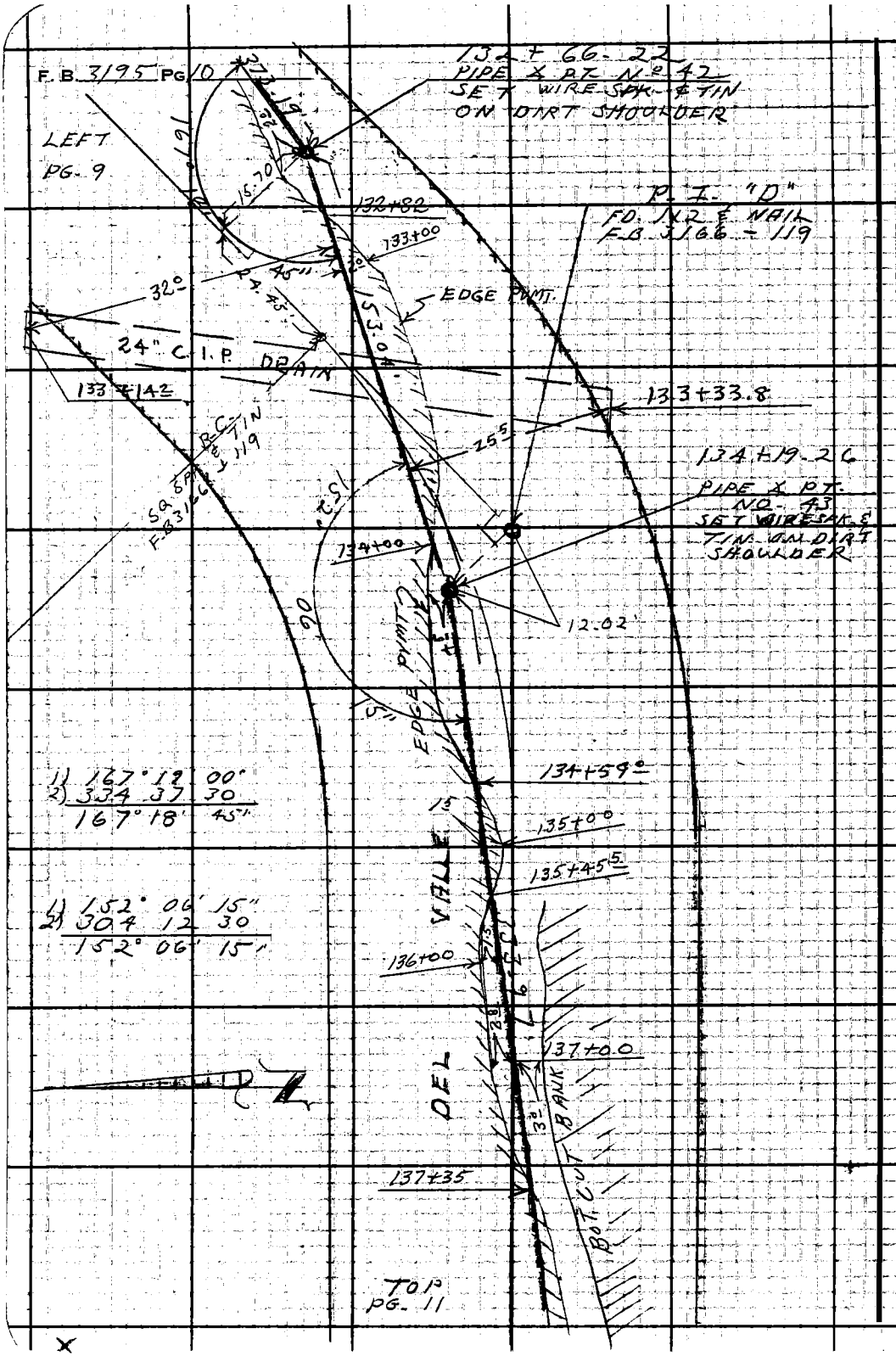
1) 169° 25' 30"
2) 338 51 30
169° 25' 45"


P.I. "B"
FD 1x2 & NAIL
F.B. 3166-117
1) 165° 19' 30"
2) 330 39 00
165° 19' 30"
ROAD
LEFT PG. 7
FD SQ. SPK. & TIN IN PVMT.
F.B. 3166-117
FB 3166-117
EDGE PVMT
VALLE
155.38'
37.80'
790.04
121+00
122+00
122+28
165°
19'
30"
DEL
123+13
24" C.I.P.
35.5
155.41'
17.23'
75.18'
DRAIN
123+00
122+72.0
120+ 68.77'
PIPE & PT. No 39
SET SPK. & TIN ON DIRT SHOULDER
45"
FD-SQ SPK. & TIN IN PVMT.
F.B. 3166-117
123+04
15" C.I.P.
153°
122+97.0
1) 153° 57' 00"
2) 307 53 30
153° 56' 45"
123+13
124+00
652.91
122+ 40.12
PIPE & PT. No 40
SET SM. BT SPK. & TIN IN PVMT.
TOP PG. 9
15

Notes Ck'd by	Survey of WW-DIST. No 36
Map. No.	JN 5364/16 Tape 199 Std 84 °F
Office Work	Surveyed by L-V-SMITH
Checked	Notes L-V-S. Date 6-64
Date	Indexed C. J. GALLI JUN 1 5 '64

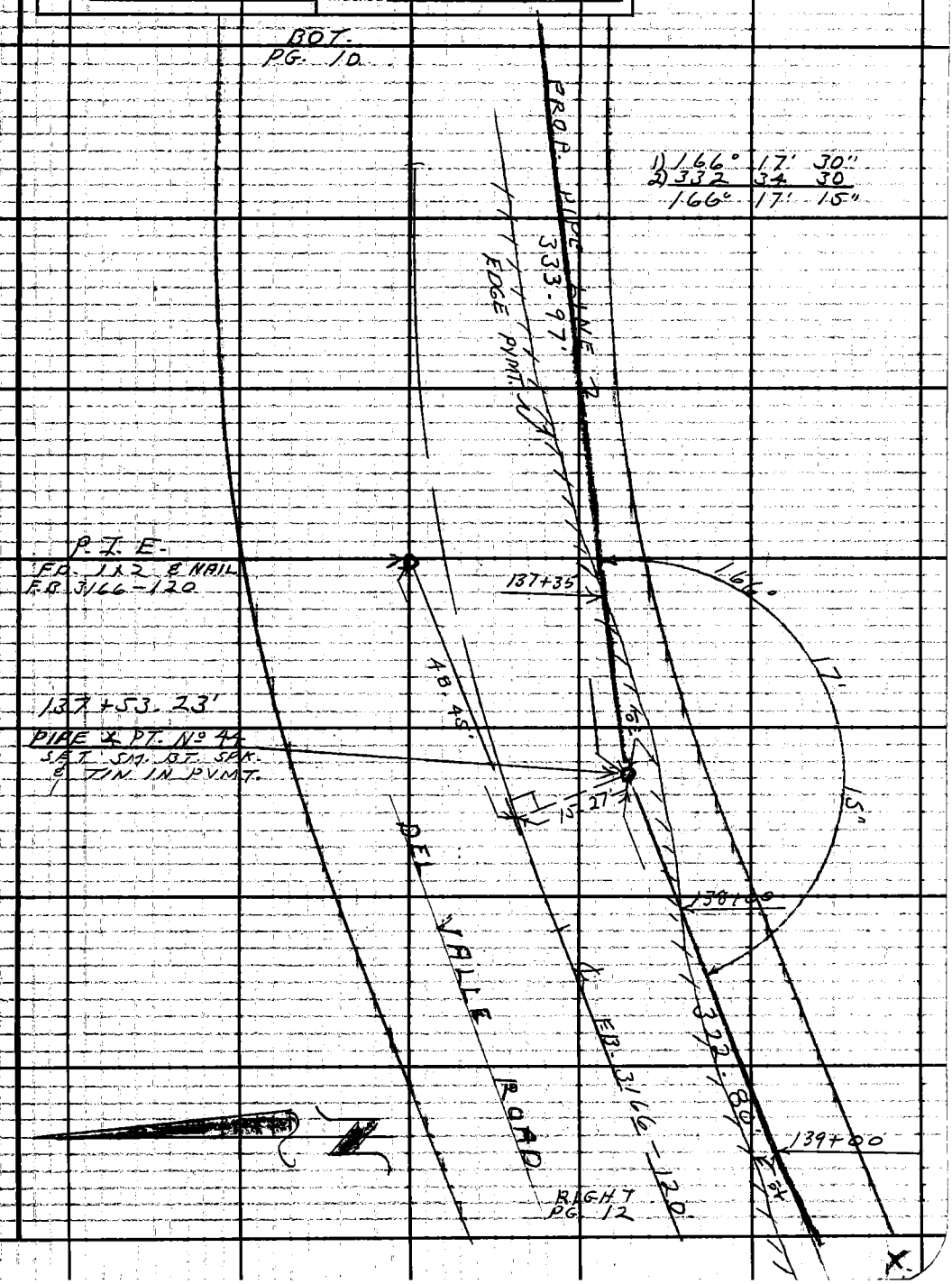
F. B. 3195 PG. 9



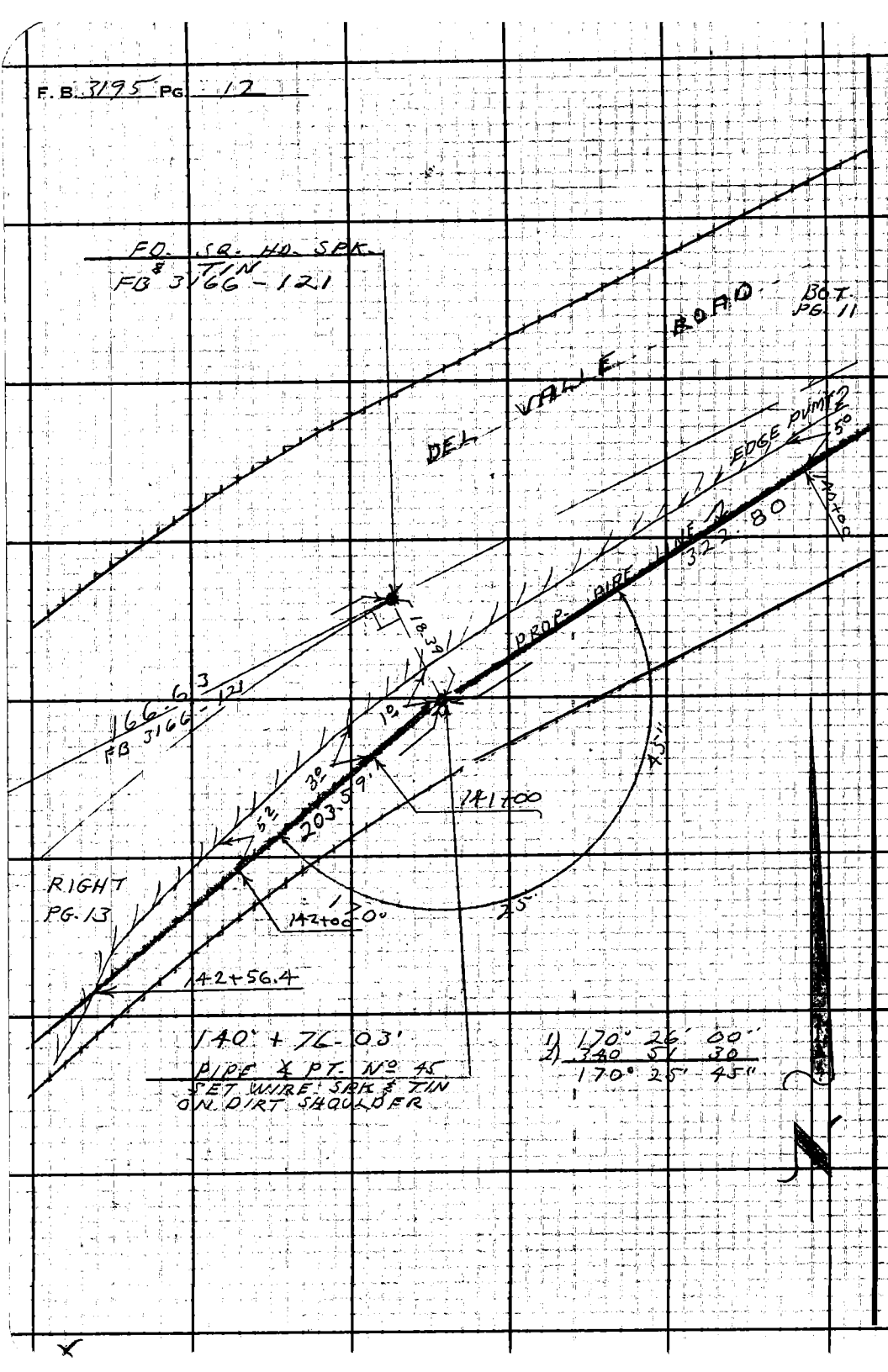

F.B. 3195 PG 10
LEFT
PG. 9
132+66.22
PIPE X PT. No 42
SET WIRE SPK. & TIN
ON DIRT SHOULDER
P.I. "D"
FD. 1/2 & NAIL
F.B. 3166 - 119
132+82
133+00
EDGE PVMT.
24" C.I.P. DRAIN
133+142
133+33.8
134+19.26
PIPE X PT.
NO. 43
SET WIRE SPK. &
TIN ON DIRT
SHOULDER
134+00
12.02
134+59
135+00
135+45.5
136+00
137+00
137+35
DEL VALLE
BOT. CUT BANK
TOP
PG. 11
1) 167° 19' 00"
2) 334 37 30
167° 18' 45"
1) 152° 06' 15"
2) 304 12 30
152° 06' 15"

Notes Ck'd by	Survey of N.W. DIST. Nº 36
Map No.	JN 5364-16 Tape 199 Std 84 °F
Office Work	Surveyed by L.V.S. M.T.H.
Checked	Notes L.V.S. Date 6-64
Date	Indexed G. J. GALLI JUN 1 1964

F. B. 3195 PG. 11



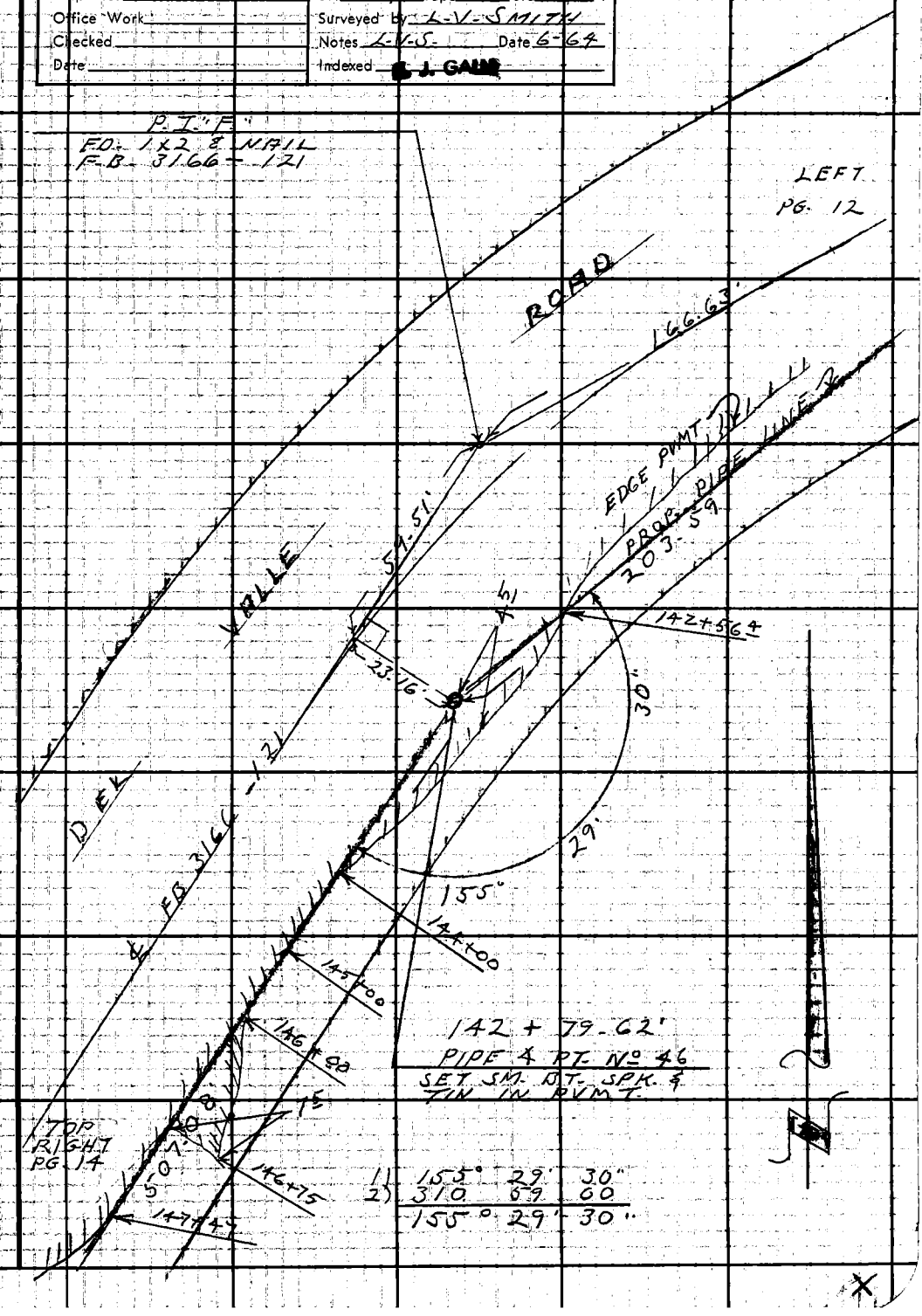
F. B. 3195 PG. 12



FO. SQ. HD. SPK. & TIN
FB 3166 - 121
DEL VALLE ROAD
BOT. PG. 11
EDGE PUMP
5°
140+00
322.80
PROP. PIPE LINE
18.39
166.63
FB 3166 - 121
1°
3°
52
203.59'
141+00
45"
RIGHT PG. 13
170°
142+00
25'
142+56.4
140° + 76.03'
PIPE ∡ PT. No 45
SET WIRE SPK & TIN ON DIRT SHOULDER
1) 170° 26' 00"
2) 340 51 30
170° 25' 45"

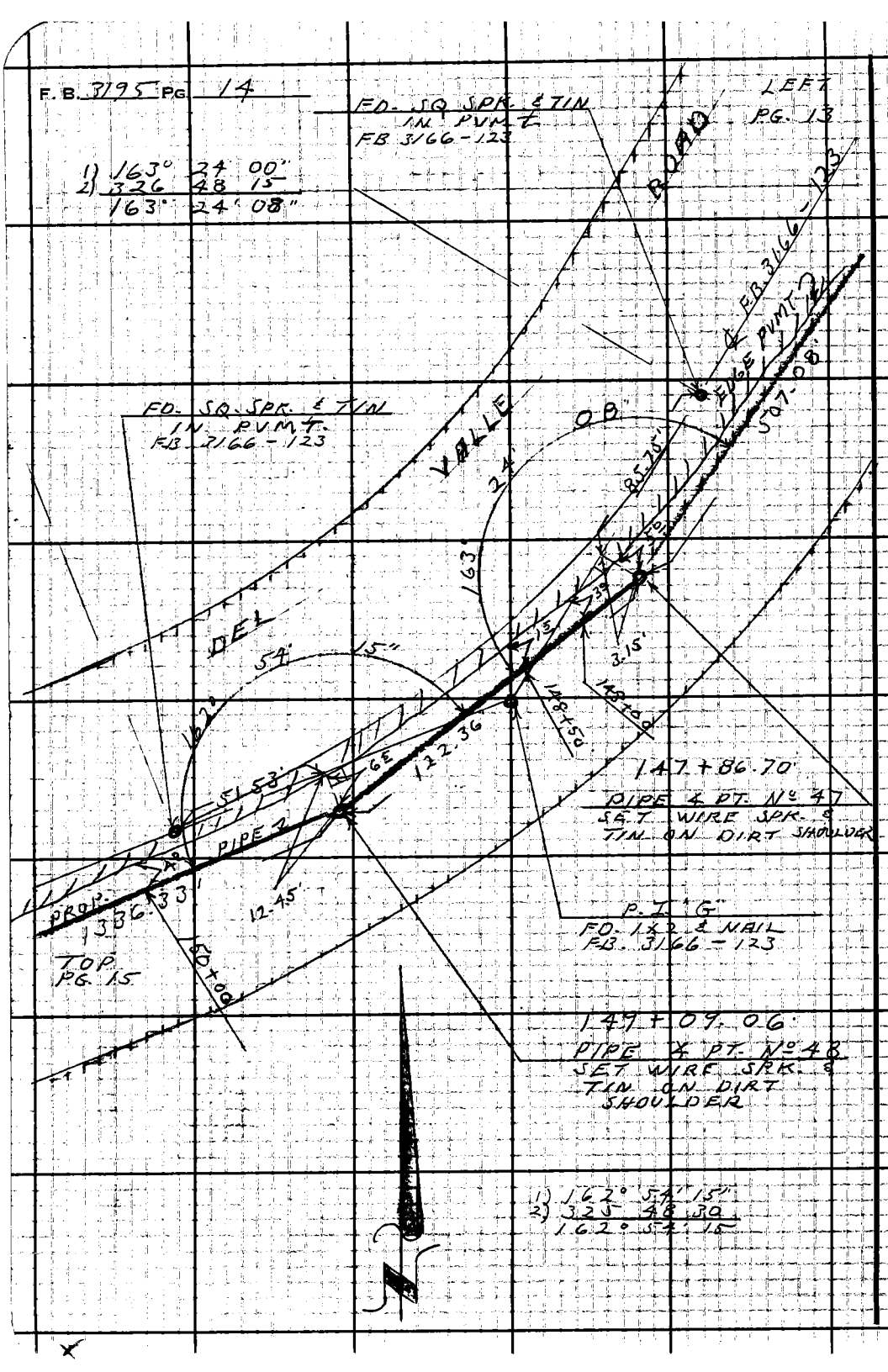
Notes Ck'd by	Survey of D.I.W. DIST. Nº 36
Map No.	JN 5364/16 Tape 199 Std 84 °F
Office Work	Surveyed by L-V-SMITH
Checked	Notes L-V-S- Date 6-64
Date	Indexed [redacted] J. GALLE

F. B. 3195 PG. 13



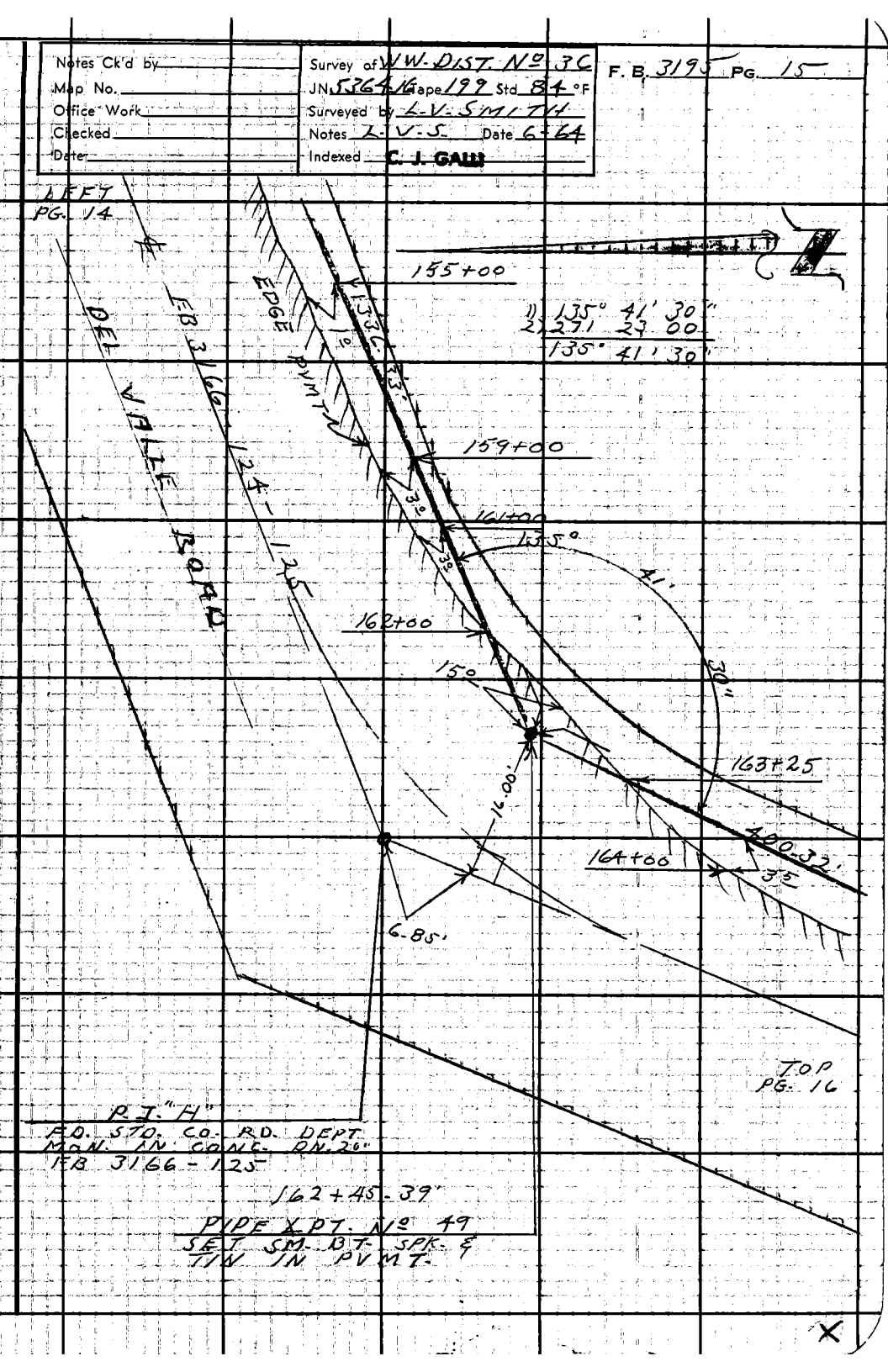
F. B. 3195 PG. 14

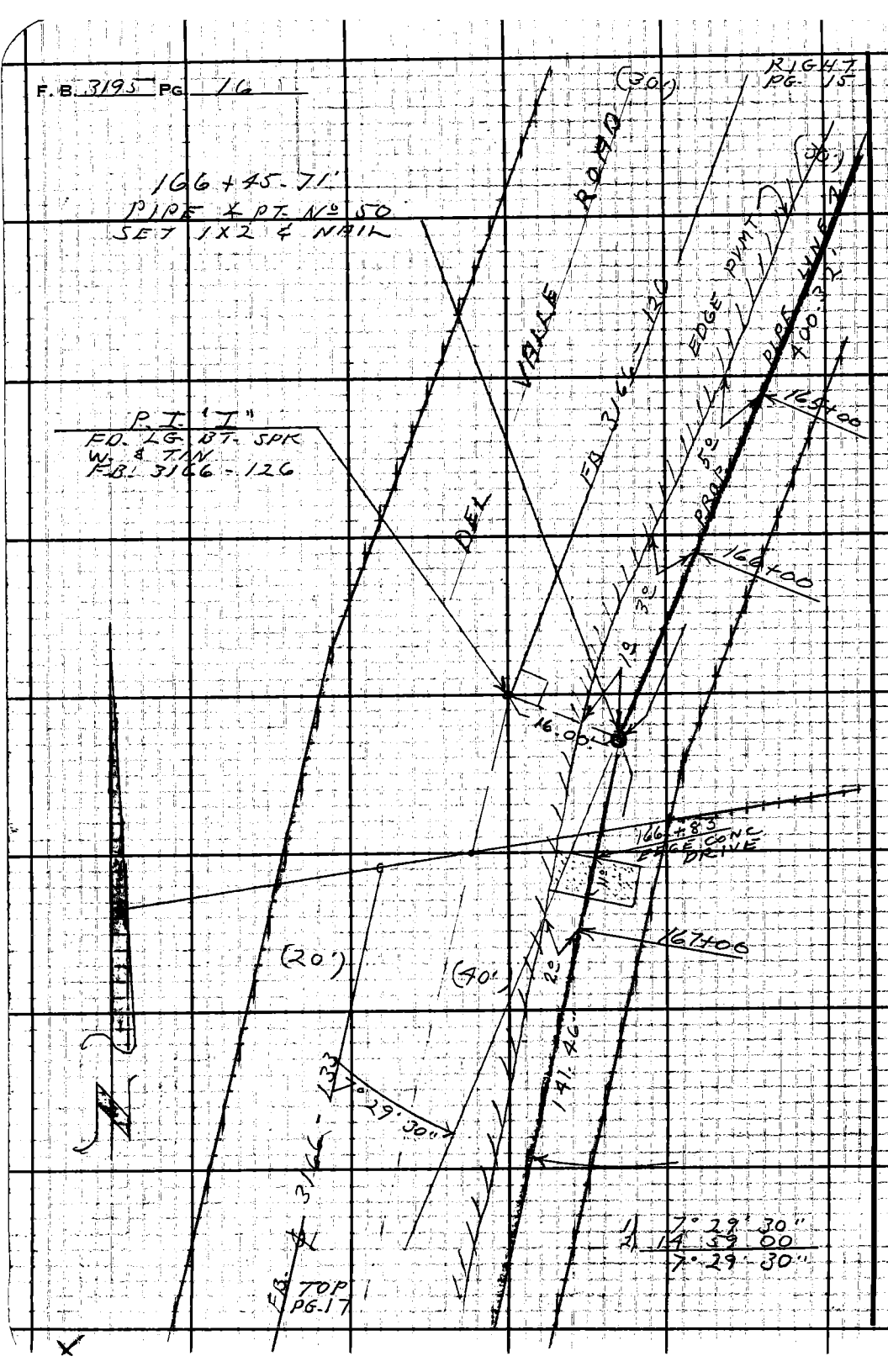
1) 163° 24' 00"
2) 326 48 15
163° 24' 08"



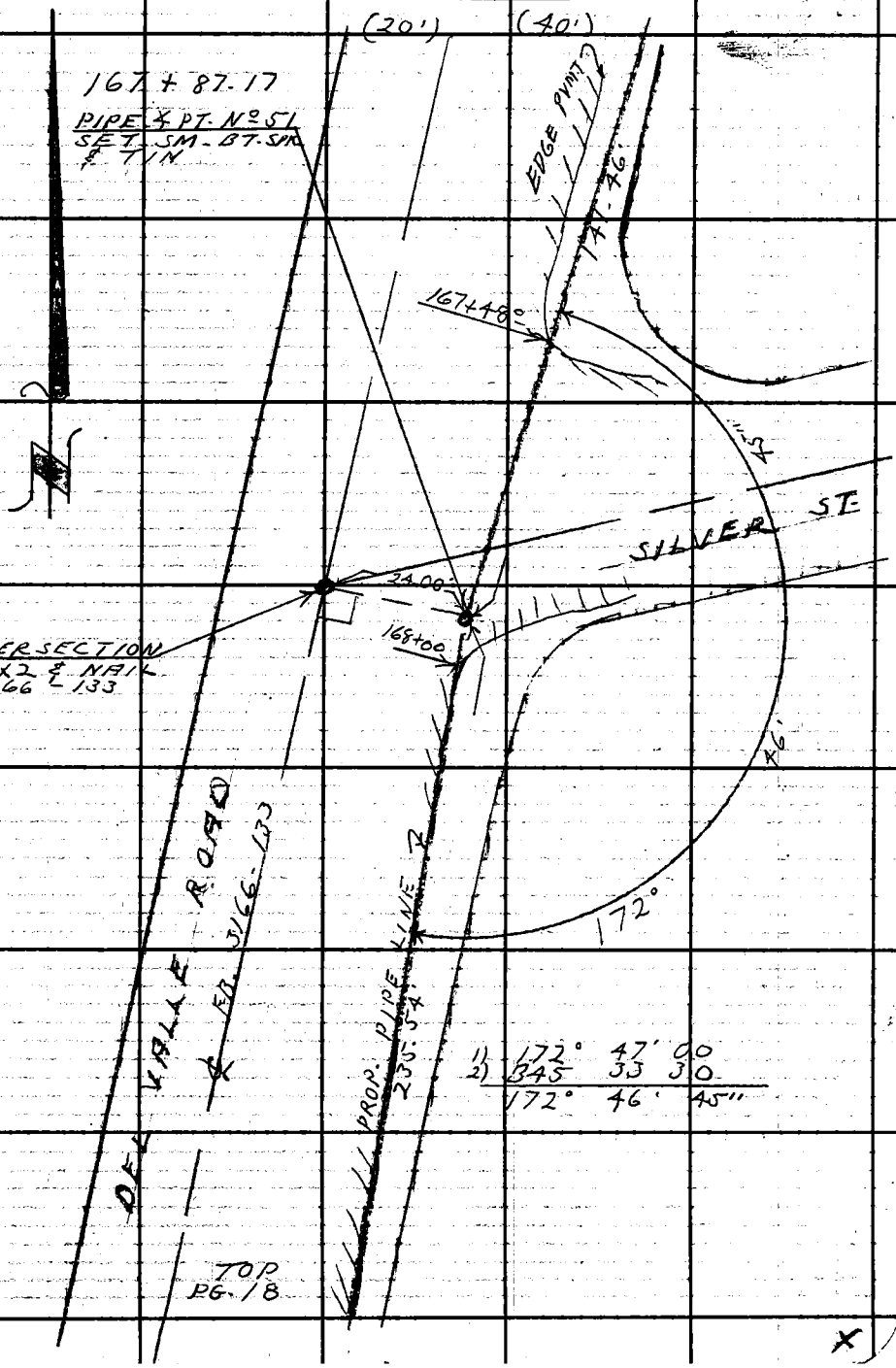
Notes Ck'd by	Survey of W.W. DIST. Nº 3C
Map No.	JN 5264-16 Tape 199 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 6-64
Date	Indexed C. J. GALLI

F. B. 3195 PG. 15

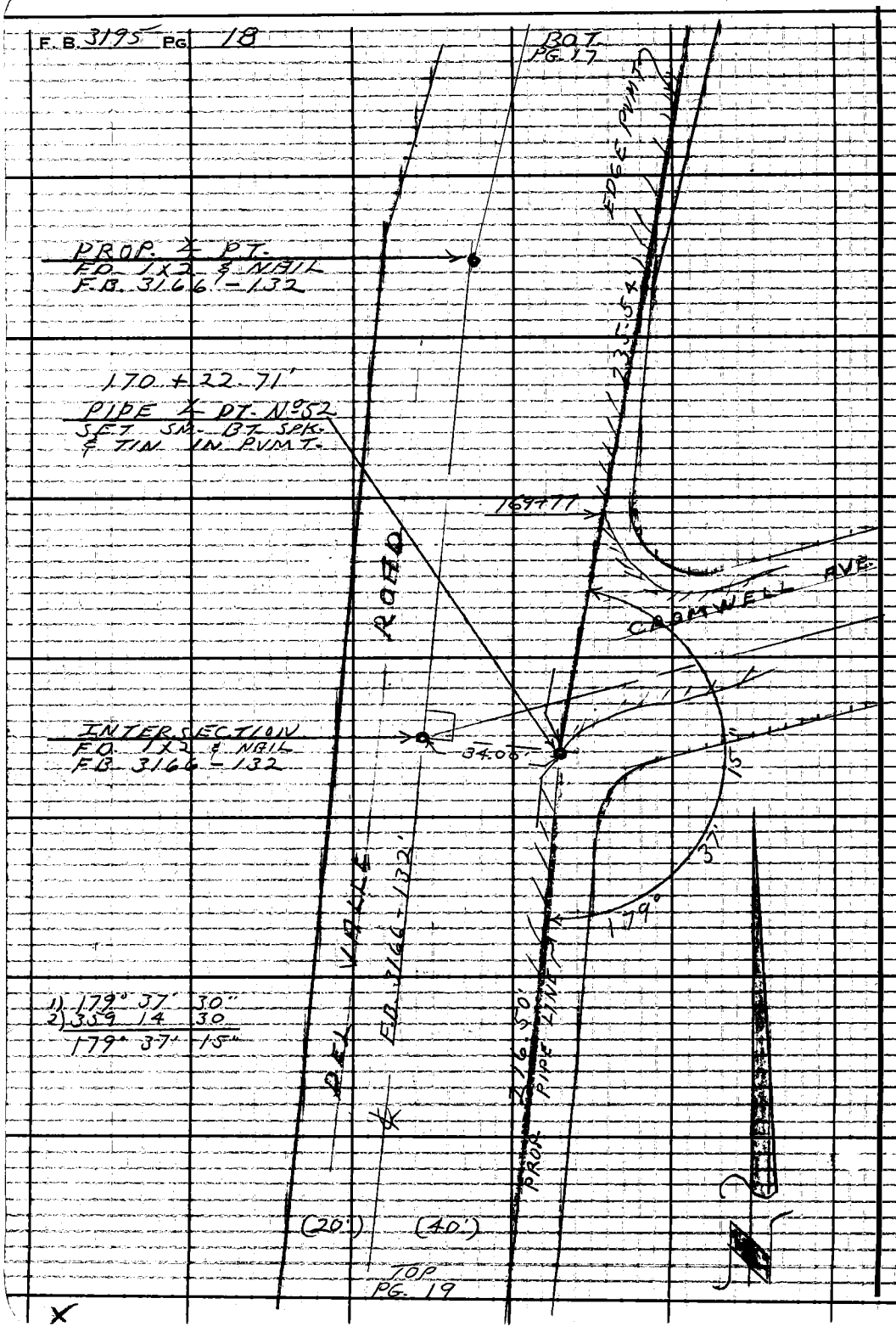



F.B. 3195 PG. 16
RIGHT PG. 15
(30')
(30')
166+45.71'
PIPE & PT. No 50
SET 1X2 & NAIL
DEL VALLE ROAD
FB 3166-120
EDGE PVMT
PIPE LINE
400.32'
165+00
5°
PROP
166+00
3°
1°
16.00'
166+83
EDGE CONC DRIVE
1°
167+00
(20')
(40')
2°
141.46'
7°29'30"
FB. 3166-133
TOP PG. 17
P.I. "I"
FD. LG. BT. SPK
W. & TIN
FB. 3166-126
1) 7°29'30"
2) 14°59'00
7°29'30"

Notes Ck'd by	Survey of W.W. DIST. Nº 36	F. B. 3195 Pg. 17
Map No.	JN 5364.16 Tape 199 Std 84 °F	
Office Work	Surveyed by L-V-SMITH	BOT. PG. 16
Checked	Notes L-V-S. Date 6-64	
Date	Indexed E. J. GALLI	



F. B. 3195 PG. 18

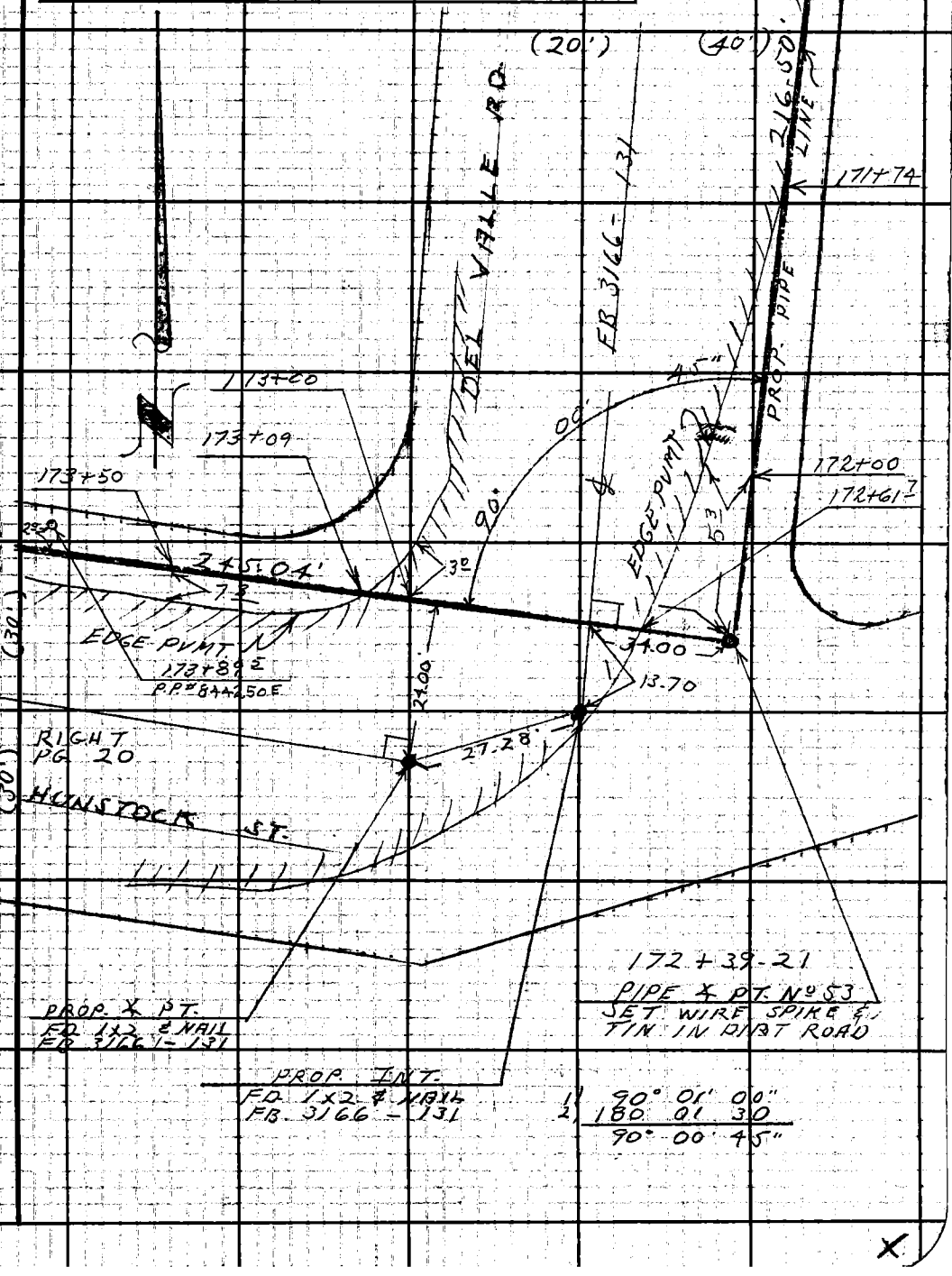


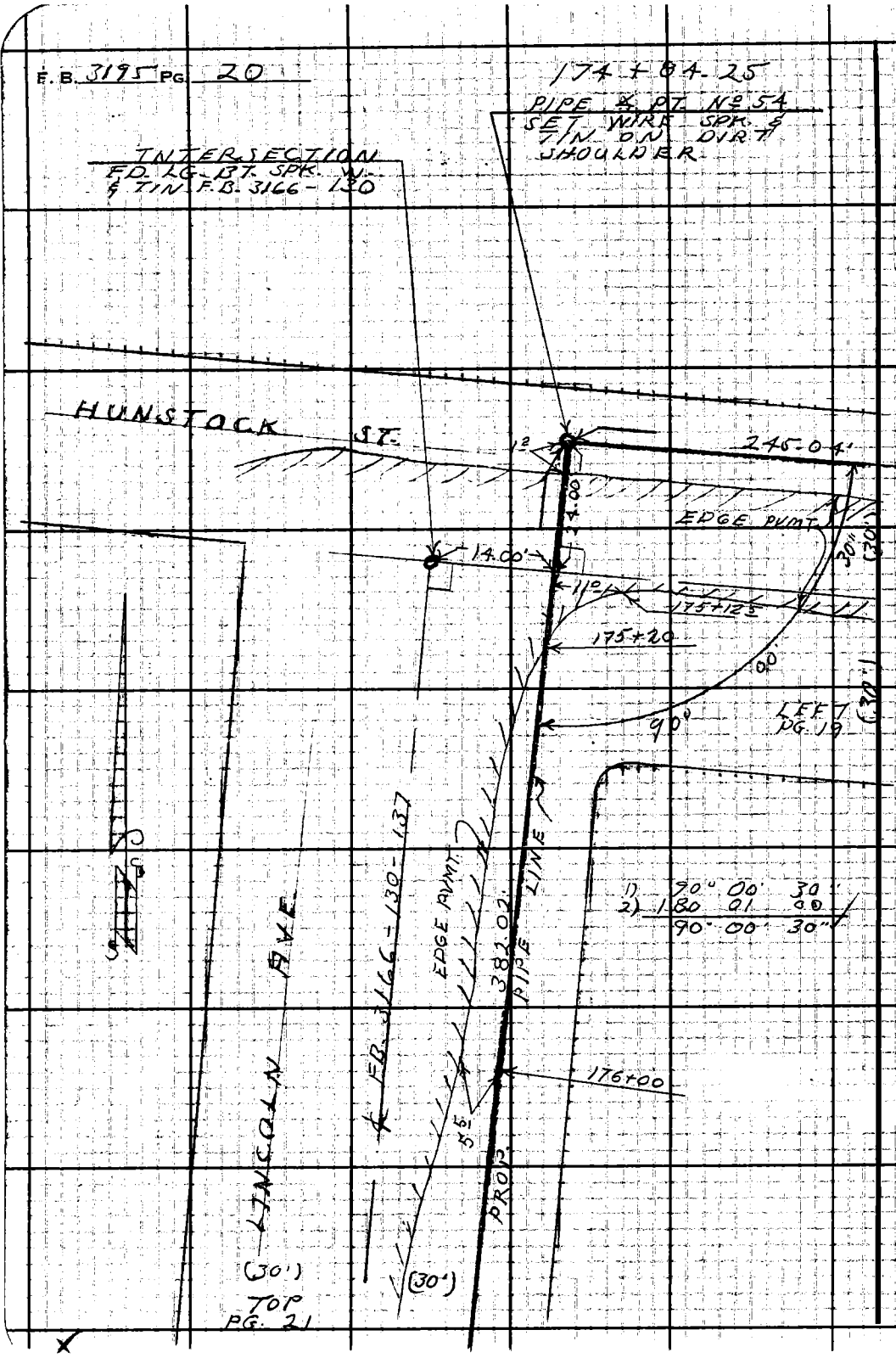
1) 179° 37' 30"
2) 359 14 30
179° 37' 15"

Notes Ck'd by	Survey of W.W. DIST. Nº 36
Map No.	JN 5364/16 Tape 199 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 6-64
Date	Indexed C. J. GALLI

F.B. 3195 PG. 19

BOT. PG. 18

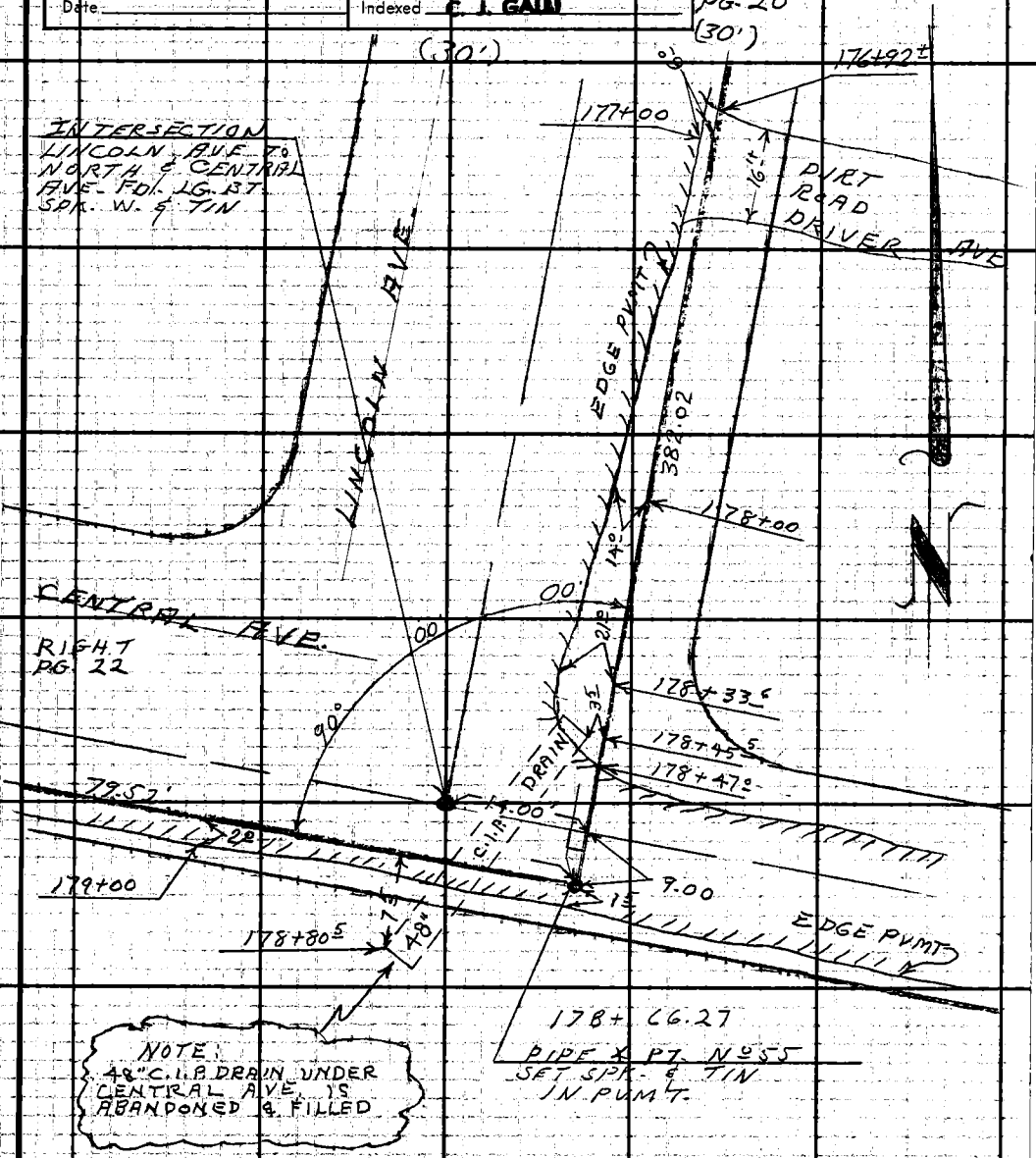



F.B. 3195 PG. 20
174+84.25
PIPE ∡ PT. No 54
SET WIRE SPK. &
TIN ON DIRT
SHOULDER
INTERSECTION
FD. LG. BT. SPK. W.
& TIN F.B. 3166-130
HUNSTOCK ST.
1°
245.04'
24.00
EDGE PVMT.
14.00'
11°
175+125
175+20
30"
(30')
90°
LEFT
PG. 19
(30')
1) 90° 00' 30"
2) 180 01 00
90° 00' 30"
PIPE LINE
382.02'
EDGE PVMT.
FB. 3166-130-137
LINCOLN AVE.
176+00
5.5
PROP.
(30')
(30')
TOP
PG. 21

Notes Ck'd by	Survey of WWOIST. Nº 36
Map No.	JN 5364-16 Tape 199 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes Date 6-64
Date	Indexed C. J. GAUN

F. B. 3195 PG. 21

TOP PG. 20



NOTE:
48" C.I.P. DRAIN UNDER CENTRAL AVE. IS ABANDONED & FILLED

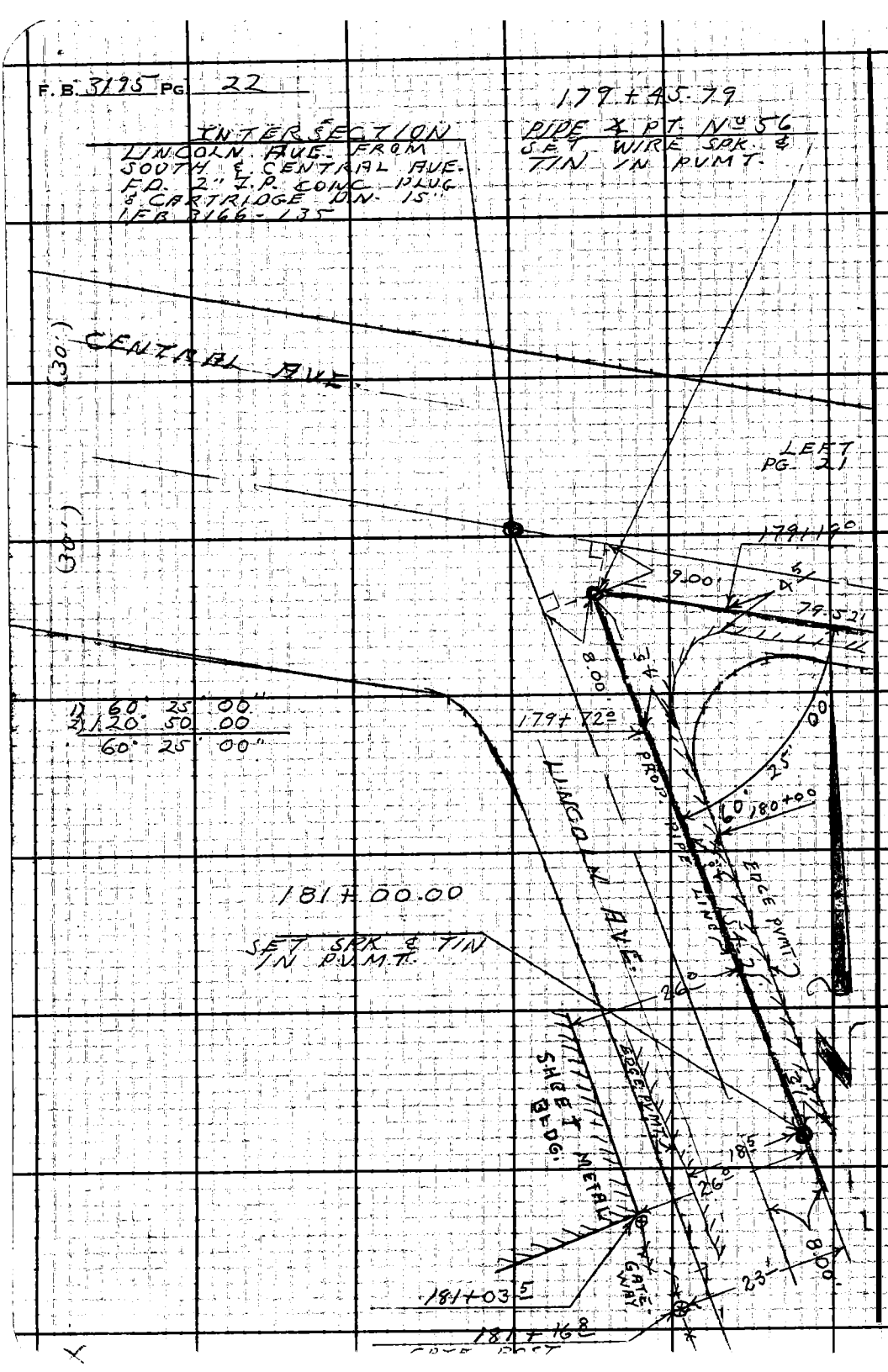
1) 90° 00' 00"
2) 180 00 00
90° 00' 00" ✓

X

F. B. 3195 PG. 22

INTERSECTION
LINCOLN AVE. FROM
SOUTH ℄ CENTRAL AVE.
F.D. 2" I.P. CONC. PLUG
& CARTRIDGE DN. 15"
IFB 3166-135

179+45.79
PIPE ⊥ PT. No 56
SET WIRE SPK. &
TIN IN PVMT.



1)	60°	25'	00"
2)	120°	50'	00"
	60°	25'	00"

Notes Red	Plotted	Job No. 5364.16	Division No.	F.B. 3175 PG. 23
Date	Date	Survey of W.W. DIST. Nº 36 VAL VERDE		
Notes Chkd.	Checked	Survey by L.V. SMITH	Notes L.V.S.	Date 6-64
Date	Date	Map No.	Indexed C. J. GALLI	Date

Do not extend notes this side of this line.

WATERWORKS DISTRICT Nº 36

VAL VERDE

J.N. 5364.16

PROFILE ALONG LINE OF PROPOSED WATER LINE FROM INT. OF HASLEY CN. RD. & DEL VALLE ROAD S.WLY. ALONG DEL VALLE ROAD TO TANK SITE AT LINCOLN AVE. & CENTRAL AVE.

JUNE 1964

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

PARTY

L.V. SMITH
J.R. MC CALL
J.T. FALSEY
R.M. TERRAZONE

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
B.M. P-70	0648	1218.641		1217 993	B.M. P-70 ELEV. = 1217.993 F.B.	
109+00			982	1208 82	BT. SPK ON PVMT.	
110+00			780	1210 84	SPK & TIN ON DIRT SHOULDER	
111+00			538	1213 26	" " " PVMT.	
112+00			520	1213 44	" " " "	
∡ PT. Nº 38 112+78.73			357	1215 07	∡ PT Nº 38 1X2 & TIN - DIRT	PG. 7
113+00			303	1215 61	1X1 ON DIRT SHOULDER	
114+00	9456	1227 011	1086	1217 555	SPK &	
115+00			768	1219 33	1X1 " "	
116+00			511	1221 90	" " "	
117+00			204	1224 97	" " "	
T.P.	11677	1238405	0283	1226728		
118+00			1027	1228 13	"	
119+00			606	1232 34	" " "	
120+00			192	1236 48	" " "	
T.P.	11054	1249153	0306	1238099		
∡ PT 39 120+68.77			957	1239 58	∡ PT. Nº 39 - SPK & TIN.	PG. -8
121+00			882	1240 33	1X1 " "	
122+00			482	1244 33	1X1 " "	

F.B. 3195 PG. 24

Job No. 5364.16 Division No. Notes Red Plotted

Survey of WW. DIST. Nº 36 VAL VERDE Date Date

Survey by L.V. SMITH Notes L.V.S. Notes Chkd. BRENNE Checked

Indexed C. J. GALL Date Date Date

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		1249 153				
∡ PT. 40						
122+40.12	9612	1257 179	1586	1247567	BT. SPK. IN PVMT.	- PG. 8
122+72 - 9° L			10 85	1246 33	OUTLET 24" CULVERT	- INVERT PG. 8
122+97 - 8.3 L			870	1248 48	" 15"	" " "
123+00			649	1250 69	SPK. & TIN DIRT SHOULDER	
123+04 - 3.7 L			767	1249 51	INLET 15" CULVERT	" " "
123+13 - 35.5 R			830	1248 88	" 24" "	" " "
124 [illegible] +00	10 883	1266 597	1465	1255 714		
125+00			643	1260 17	1x1 DIRT SHOULDER	
126+00	10 873	1275 590	1880	1264 717	" "	"
127+00			701	1268 58	" "	"
128+00			304	1272 55	" "	"
T. P.	11 189	1286 541	0238	1275 352		
∡ PT No 41						
128+93.03			1070	1275 84	∡ PT No 41 - SPK. & TIN	PG. 9
129+00			1044	1276 10	SPK. & TIN DIRT	
130+00			655	1279 99	" "	
130+00 - 37° R.			1107	1275 47	INVERT 24" DRIAN	
130+15 - 21.5 L.			935	1277 19	" " "	
131+00			201	1284 53	SPK & TIN IN PVMT	
T. [illegible] P.	11 968	1298 267	0242	1286 299		
132+00			934	1288 93	" " " " "	

Notes Red ____ Plotted ____ Job No. 5364/6 Division No. ____ F.B. 3195 PG. 25

Date ____ Date ____ Survey of W.W. DIST. No 36 - VAL VERDE

Notes Chkd. W. [illegible] Checked ____ Survey by L.V. SMITH Notes L.V.S. Date 6-12-64

Date ____ Date ____ Map No. ____ Indexed C. J. GAUL Date ____

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		1298 267				
∡ PT Nº 42 132+66.22			6 65	1291 62	SPK & TIN DIRT SHOULDER	PG-10
133+00			4 85	1293 42	SPK. & TIN PVMT.	
133+14² 32° R			9 31	1289 96	INVERT - OUTLET 24" CULVERT	PG-10
133+33⁸ -25⁵ L			7 09	1291 18	" INLET " "	PG-10
T.P.	11 250	1309 166	0 351	1297 916		
134+00			10 27	1298 90		
∡ PT-Nº 43 134+19.26			9 19	1299 98	SPK. & TIN DIRT SHOULDER	PG-10
135+00			5 98	1303 19	" " " PVMT.	
136+00	11 850	1319 583	1 433	1307 733	1X1 DIRT SHOULDER	
137+00			7 47	1312 11	SPK & TIN " "	
∡ PT. Nº 44 137+53.23			4 19	1315 39	SPK. & TIN PVMT.	PG-11
138+00			1 92	1317 66	" " DIRT "	
T.P.	11 763	1331 079	0 267	1319 316		
139+00			7 55	1323 53	1X1 " "	
140+00	11 895	1342 392	0 582	1330 497	" " "	
∡ PT-Nº 45 140+76.03			5 65	1336 74	SPK & TIN " "	PG-12
141+00			3 94	1338 45	1X1 " "	
T.P.	11 855	1353 966	0 281	1342 111		
142+00			8 49	1345 48	SPK & " " "	
∡ PT. Nº 46 142+79.62	8 282	1358 022	4 226	1349 740	" " " PVMT	

F.B. 3195 PG. 26

Job No. 5364/6 Division No. Notes Red Plotted

Survey of WW DIST. Nº 3 C VAL VERDE Date W. J. BRENNER Date

Survey by L.V. SMITH Notes L.V.S. Notes Chkd. Checked

Indexed C. J. GAIN Date Date Date

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		1358 022				
T.B.M.	4391	1358 504	3909	1354 113	T.B.M. RD. DEPT. BR. CAP. MON. IN CONC. ON.18' ON TRACT LINE - TRACT Nº 8599 33.01 WLY OF P.I. 'F' ON INT. OF ℄ DEL VALLE ROAD PROD. WLY. TO TRACT LINE F.B. 3166-121	
T.P.	0911	1348 169	11246	1347 258		
144+00			500	1343 17	SPK. & TIN EDGE PAVED SHOULDER	
T.P.	0818	1337 668	11319	1336 850		
145+00			410	1333 57	" " " DIRT SHOULDER	
T.P.	0205	1326 390	11483	1326 185		
146+00			238	1324 01	SPK. & TIN EDGE PVMT.	
147+00	1202	1316 138	11454	1314 936	" " " PVMT.	
∡ PT. Nº47 147+86.70			863	1307 51	SPK. & TIN DIRT SHOULDER	PG. 14
148+00			990	1306 24	" " " "	
T.P.	0824	1305 179	11783	1304 355		
∡ PT. Nº48 149+09.06			820	1296 98	" " " "	PG. 14
T.P.	1772	1295 452	11499	1293 680		
150+00			463	1290 82	" " " "	
151+00	0982	1285 034	11400	1284 052	" " " "	
152+00			743	1277 60	" " " "	
T.P.	1194	1274 813	11415	1273 619		
153+00			345	1271 36	" " ROCK & OIL SHOULDER	

Notes Red _____ Plotted _____ Job No. 5364.16 Division No. _____ F.B. [illegible] PG. 21

Date _____ Date _____ Survey of WW. DIST. Nº 36

Notes Checked W. J. BRENNER Checked _____ Survey by L.V. SMITH Notes L.V.S. Date 6-12-64

Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date _____

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		1274 813				
154+00			1050	1264 31	SPK. & TIN ROCK & OIL SHOULDER	
T.P.	1606	1264424	11995	1262818		
154+50			28	1261 6	BREAK IN GRADE	
155+00			409	126033	SPK & TIN DIRT SHOULDER	
156+00			618	125824	TOP BRK IN GRADE	
157+00	0366	1253 525	11265	1253159	SPK. & TIN DIRT SHOULDER	
158+00			425	124927	" " " "	
159+00			922	124430	" " " "	
T.P.	0587	1242534	11578	1241947		
160+00			309	123944	" " " "	
161+00			790	123463		
T.P.	1423	1232435	11522	1231012		
162+00			265	122978	" " IN PVMT.	
∡ PT. No 49 162+45.39			358	122885	" " " "	PG. 15
163+00			610	122633	" " " "	
164+00			859	122384	" " DIRT SHOULDER	
T.P.	0823	1221553	11705	1220730		
165+00			125	122030	" " " "	
166+00			528	121627	1X1 " "	
∡ PT. No 50 166+45.71			710	121445	1X2 " "	PG. 16

F.B. 3195 PG. 28

Job No. 5364-16 Division No. Notes Red Plotted

Survey of WW DIST. No 36 - VAL VERDE Date Date

Survey by L.V. SMITH Notes L.V.S Notes Chkd. W.J. BRENNER Checked

Indexed C. J. GAIN Date Date Date

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		1221553				
167+00			880	121275	1X1 DIRT SHOULDER	
T. P.	2063	1211685	11931	120922		
& PT. Nº 51 167+87.17			250	120918	SPK. & TIN IN PVMT.	PG. 17
168+00			301	120867		
169+00			585	120583	" " EDGE PVMT.	
170+00			882	120286	" " IN PVMT.	
& PT. Nº 52 170+ 22.71	1888	1203871	9702	1201983	" " "	PG. 18
171+00			407	119980	" " EDGE "	
171+60			66	11973	BREAK IN GRADE	
172+00			638	119749	SPK & TIN DIRT	
& PT. Nº 53 172+39.21			551	119836	" " "	PG. 19
173+00			903	119484	" " " PVMT. - BOT BRK.	
174+00	1632	1196717	8786	1195085	1X1 DIRT SHOULDER	
& PT. Nº 54			215	119457	SPK. & TIN DIRT SHOULDER	PG - 20
175+00			275	119397	" " PVMT.	
176+00			532	119140	1X1 DIRT	
177+00	1737	1190034	8420	118897	SPK & TIN DIRT ROAD	
178+00			395	118608	1X1 DIRT	
178+ 44.5 35 L & PT. Nº 55			890	118113	INVERT INLET 4 FT CULVERT	PG. 21
178+ 66.32	5042	1190007	5069	118496.5	RT. SPK. & TIN	PG. 21

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 5364/6 Division No. ____ Survey of W.W. DIST. Nº 3C VAL VERDE Survey by L.Y. SMITH Notes L.V.S. Date 6-64 Map No. ____ Indexed C. J. Gatti Date ____

F. B. 3175 PG. 29

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		1190 007				
178+80.5 - 7.5 L			98	1180 2	INVERT - OUTLET 4 FT CULVERT - PG. 21	
179+00			608	1183 93	SPK & TIN IN PVMT.	
X PT. No 56 179+45.79			680	1183 21	" " " " "	PG - 22
180+00			934	1180 67	" " " " "	
181+00			1208	1177 93	" " " " "	PG - 22
T.P.	3862	1187965	5904	1184103		
T.B.M.	7335	1188355	6945	1181020	T.B.M. ELEV. = DRILL STEEL LD & TK. ON 12" IN WELL AT INT. OF SAN MARTINEZ & CHIQUITO CN. RD. F.B 3166 - 127	
T.B.M.	8603	1192079	4879	1183476	T.B.M. ELEV. = C.S. BRASS CAP MON IN WELL AT INT. CENTRAL AVE & CHIQUITO CN. RD. FB 3166 - 128	
T.P.	10777	1201942	0914	1191165		
T.P.	11045	1212633	0354	1201588		
T.P.	11938	1224246	0325	1212308		
T.P	11972	1235808	0410	1223836		
T.P.	11975	1246599	1184	1234624		
T.P.	11724	1257855	0468	1246131		
T.P.	11825	1269413	0267	1257588		
T.P.	11392	1280210	0595	1268818		

F.B. 3195 PG. 30

Job No. 5364/6 Division No. Notes Red Plotted

Survey of W.W. DIST. No 36 VAL VERDE Date Date

Survey by L.V. SMITH Notes L.V.S. Notes Chkd. W.J. BRENNER Checked

Indexed C. I. GAIU Date Date Date

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		1280 210				
T.P.	11915	1291628	0497	1279713		
T.P.	10789	1301616	0801	1290827		
T.P.	11832	1312909	0539	1301077		
T.P.	11947	1324583	0273	1312636		
T.P.	11994	1336005	0572	1324011		
T.P.	11757	1347307	0455	1335550		
T.P.	9643	1356578	0372	1346935		
T. B. M.	2362	1356479	2461	1354117	T.B.M ELEV. = RD. DEPT. BRASS CAP MON. IN CONC. DN. 18' ON TRACT LINE - TRACT Nº 8599 32.01 WLY. OF P.I. "F" ON INT. OF ℄ DEL VALLE RD. PROD. WLY. TO TRACT LINE. FB. 3166 - 121	
T.P.	0282	1344887	11874	1344605		
T.P.	0266	1333430	11723	1333164		
T.P.	0727	1322466	11691	1321739		
T.P.	0602	1312726	10342	1312124		
T.P.	0307	1301095	11938	1300788		
T.P.	0631	1290252	11474	1289621		
T.P.	0555	1279198	11609	1278643		
T.P.	1048	1269625	10621	1268577		
T.P.	0274	1258158	11741	1257884		

Notes Red. _____ Plotted _____ Job No. 5364/6 Division No. _____
Date _____ Date _____ Survey of WW. DIST. Nº 36 - VAL VERDE
Notes Chkd. BRENNER Checked _____ Survey by L.V. SMITH Notes L.V.S. Date 6-12-64
Date _____ Date _____ Map No. _____ Indexed C. I. GALL Date _____

F.B. 3175 PG. 31

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		1258 158				
T.P.	0289	1246 448	11 999	1246159		
T.P.	0626	1235 251	11 823	1234 625		
T.P.	0929	1224279	11 901	1223 350		
B.M. P-70			6318	1217 961	B.M. P-70 ELEV. = 1217993 F.B.	

F.B. 3195 PG. 32

Job No. 5364.16 Division No. Notes Red Plotted

Survey of WW. DIST. No 36 - VAL VERDE Date Date

Survey by L.V. SMITH Notes L.V.S. Notes Chkd. W. J. BRENNER Checked

Indexed J. GAW Date Date Date

Notes Ck'd by Map No. Office Work Checked Date	Survey of W.W. DIST. Nº 36 JN 5364.16 Tape 199 Std 82 °F Surveyed by L.V. SMITH Notes L.V.S. Date 6-64 Indexed [redacted] J. GALLI JUN 2-2-84	F.B. 3195 PG. 33

WATERWORKS DISTRICT Nº 36
VAL VERDE
J.N. 5364.16

SURVEY TYING EXISTING PIPE LINES TO STREET CENTER LINES IN AREA AROUND LINCOLN AVE & CENTRAL AVE. AT EXISTING WELL & TANK SITE & ON SAN MARTINEZ ROAD AND ON DEL VALLE ROAD. PIPE LINES LOCATED BY PIPE FINDER BY W.W. MARTIN OF WATERWORKS DIV.

JUNE 1964

REF.
F.B. 3166
F.B. 1277

PARTY
L.V. SMITH
J.P. McCALL
J.T. FALSEY
R.M. TERRAZONE

F.B. 3195 PG. 34

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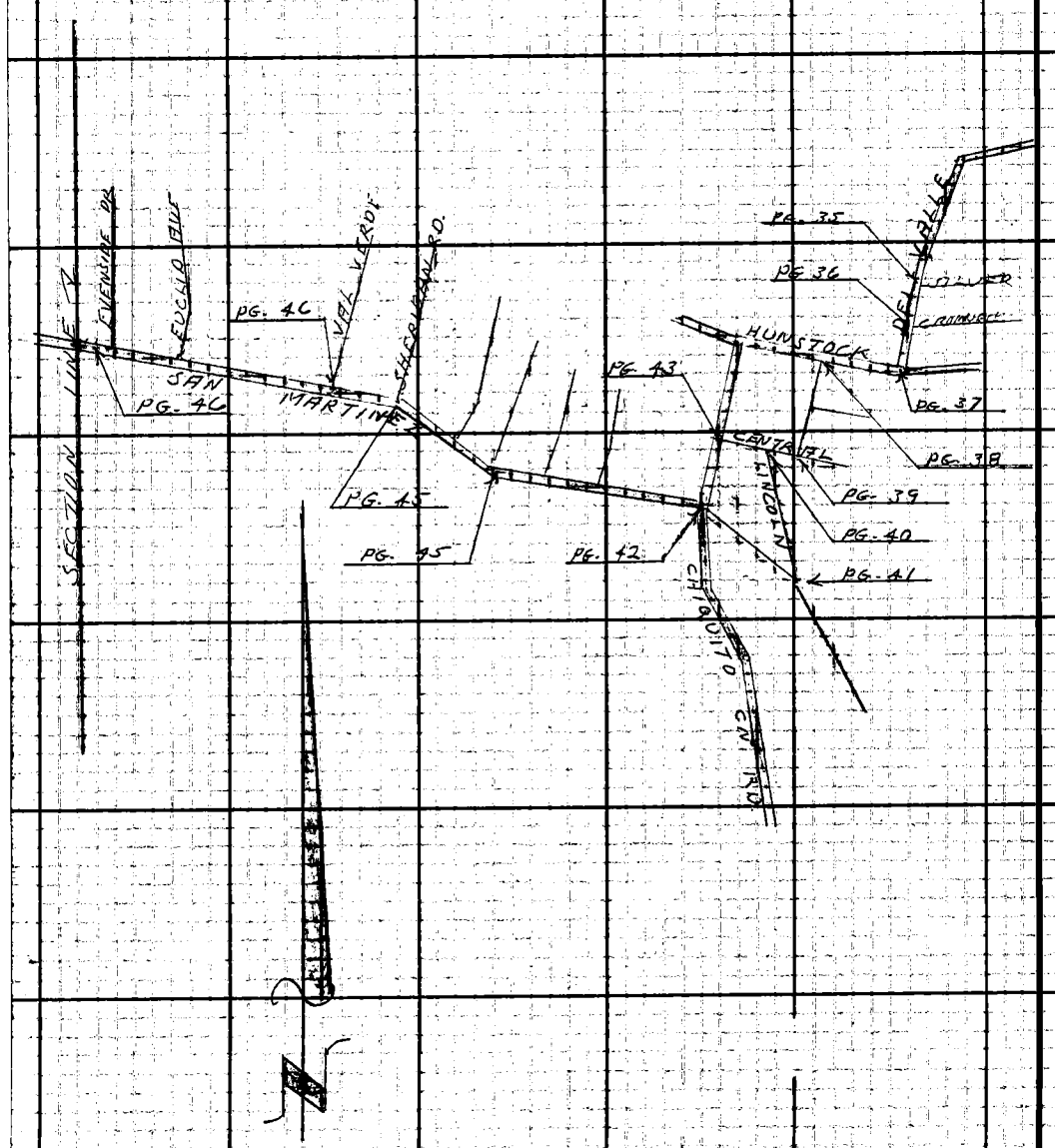
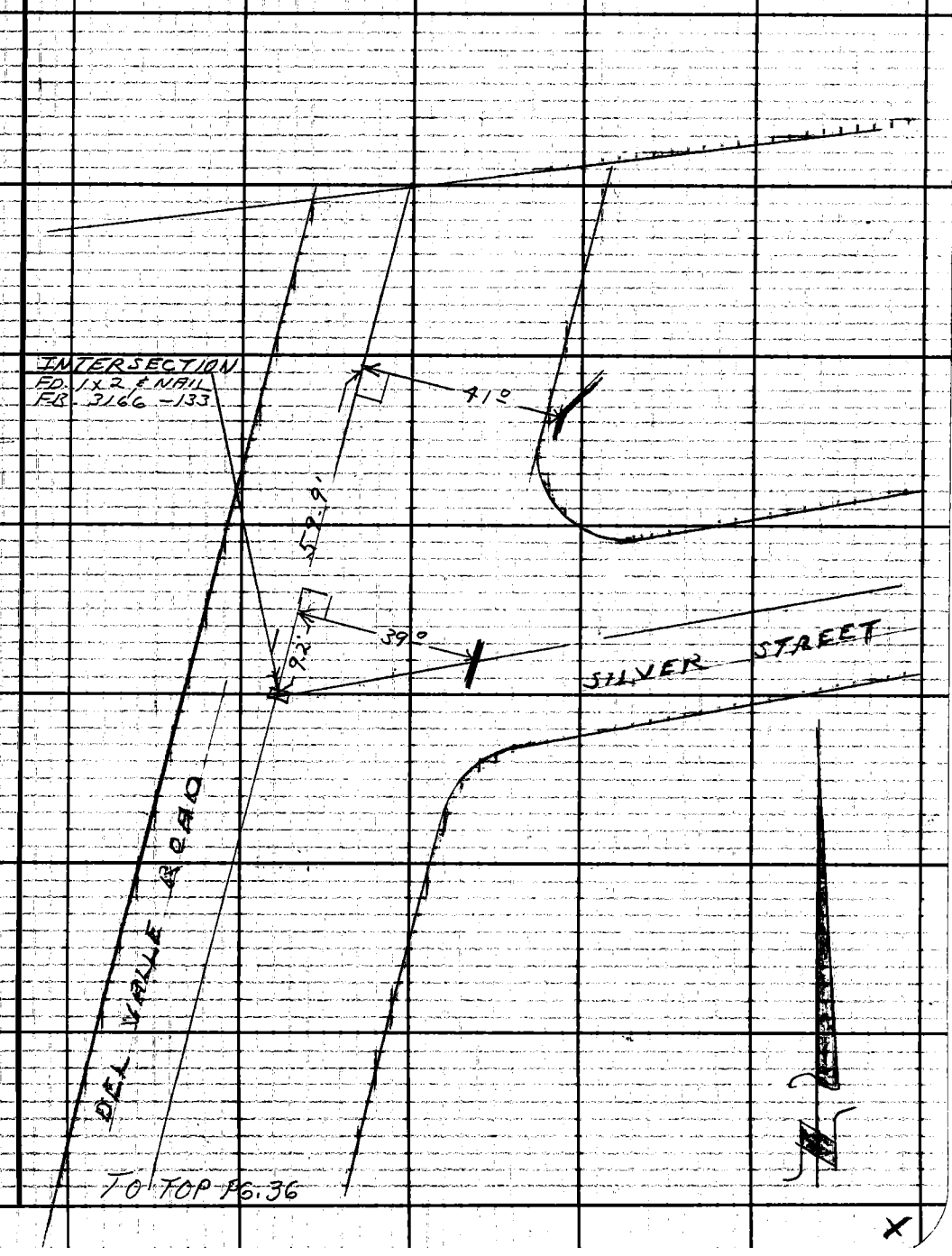


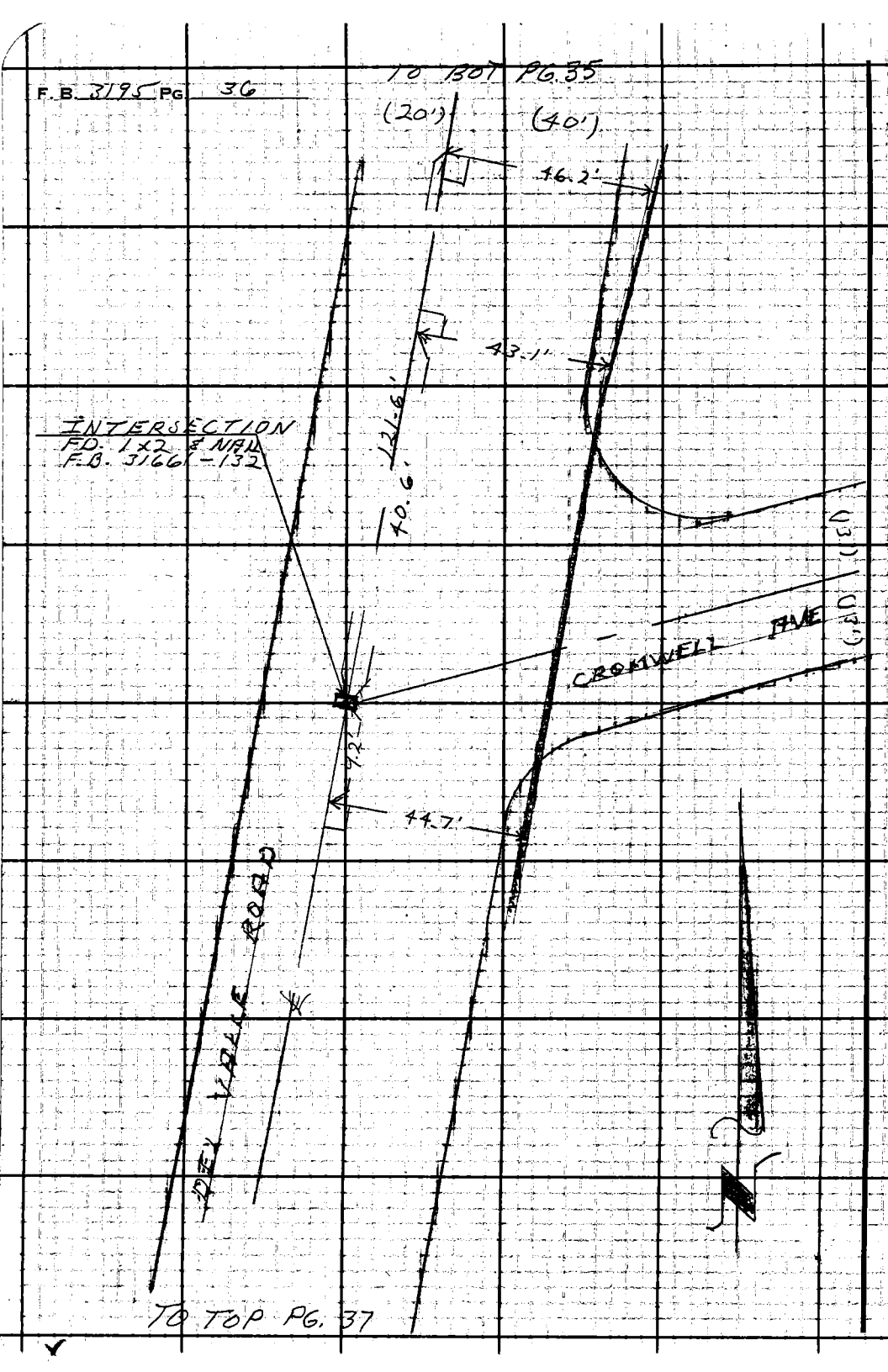
Notes Ck'd by	Survey of W.W. DIST. Nº 36
Map No.	JN 5364.16 Tape 199 Std 84 °F
Office Work	Surveyed by L-V. SMITH
Checked	Notes L-V-S. Date 5-64
Date	Indexed E. J. GALLI

F. B. 3195 PG. 35



F.B. 3195 PG. 36

TO BOT PG. 35

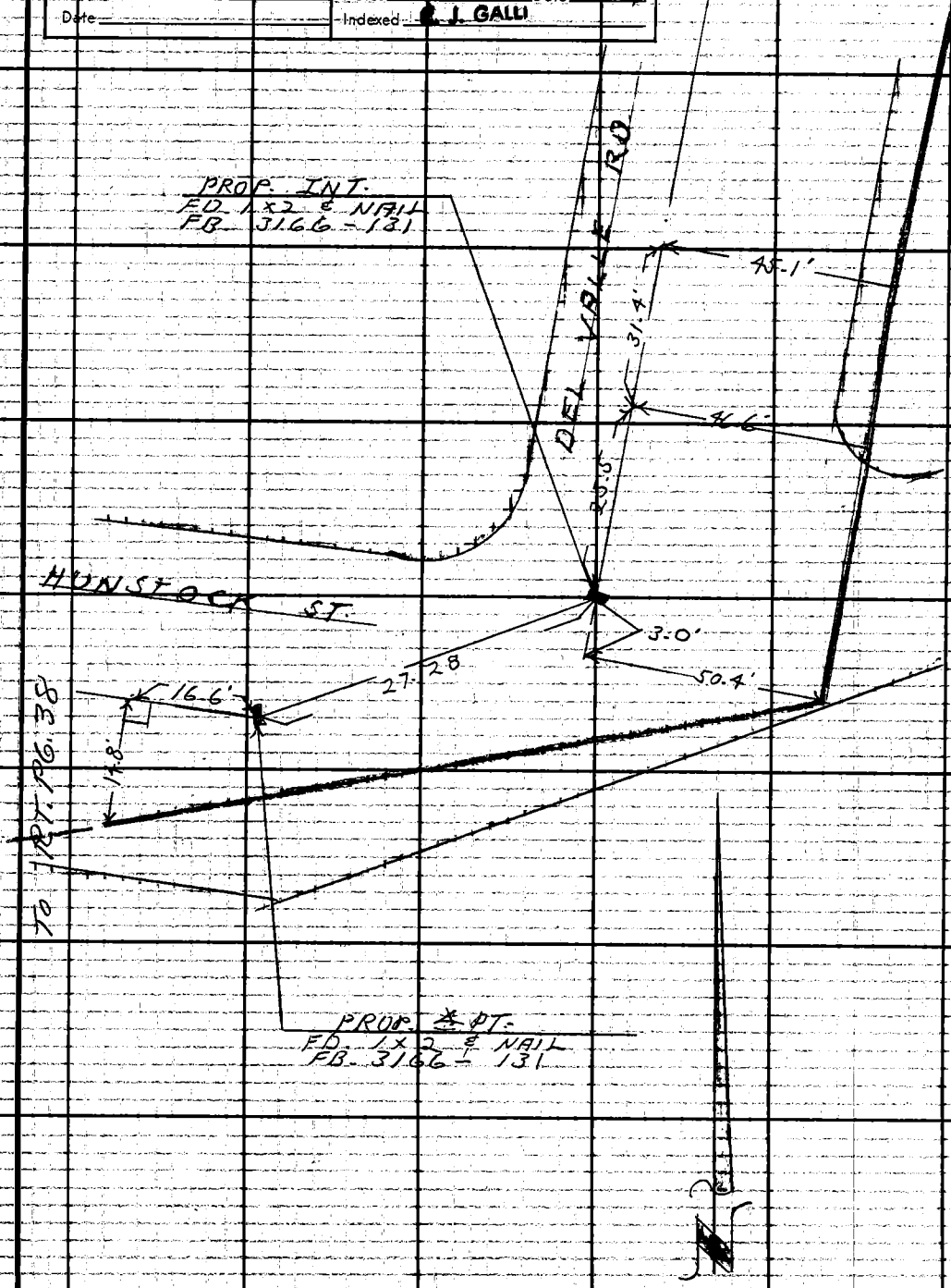


TO TOP PG. 37

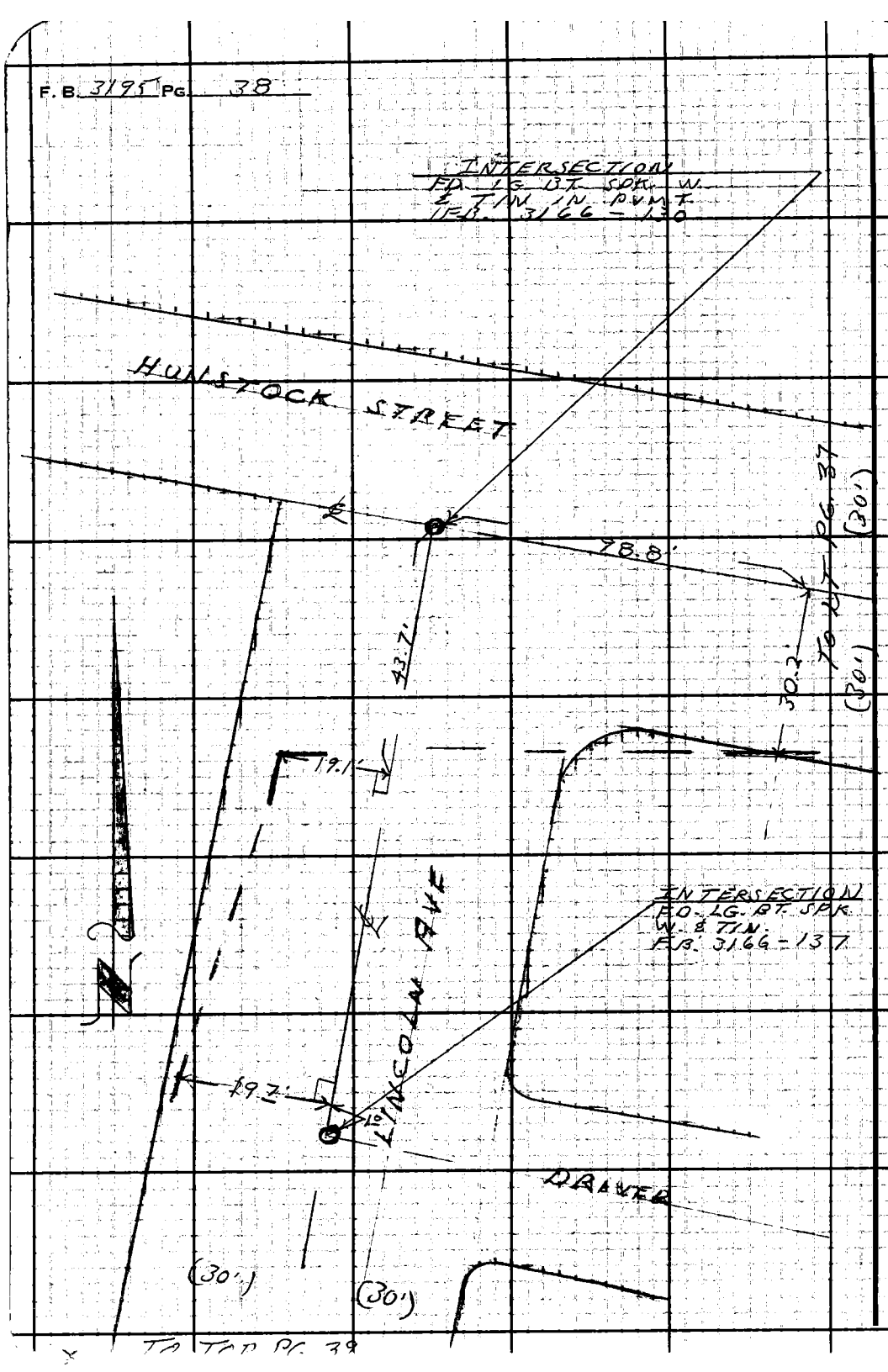
Notes Ck'd by	Survey of W.W. DIST. Nº 36
Map No.	JN 5364-16 Tape 199 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 5-64
Date	Indexed E. J. GALLI

F. B. 3195 PG. 37

TO BCT. PG. 36



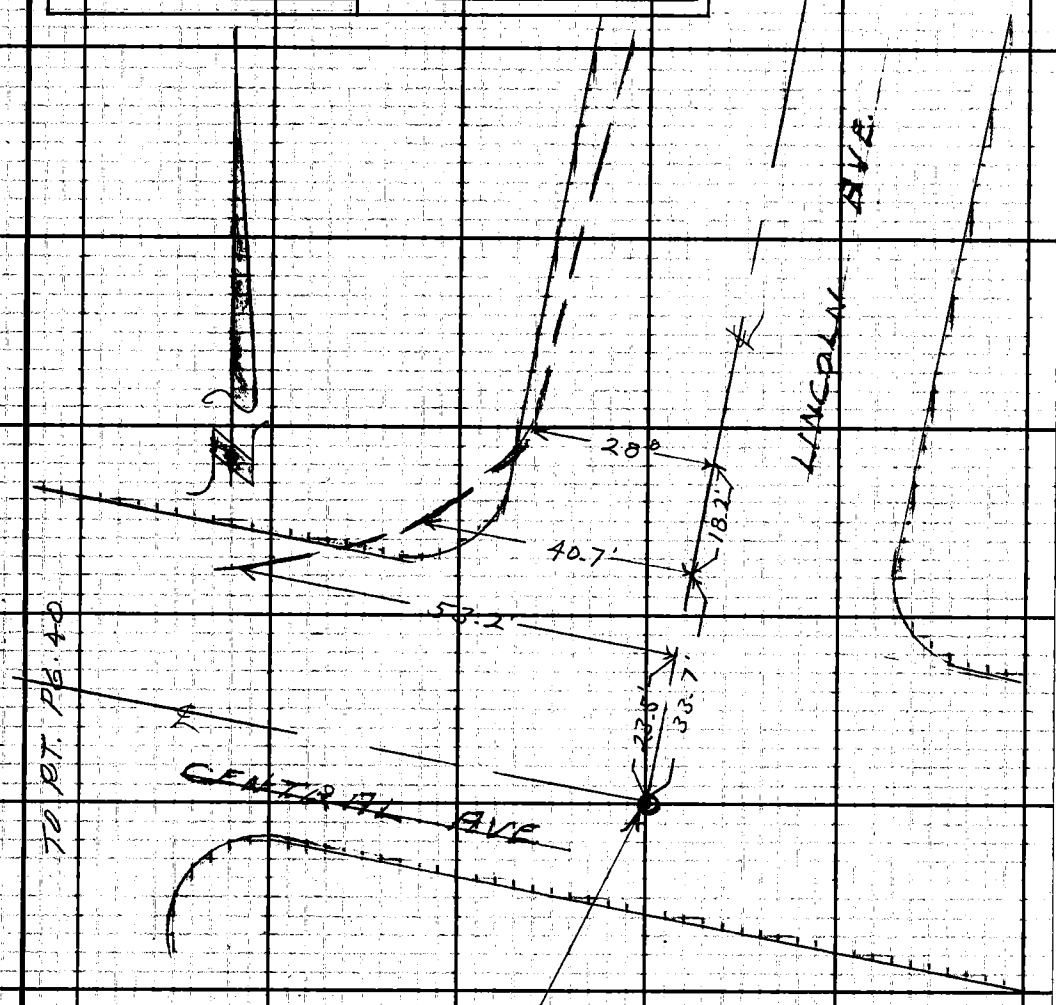
F. B. 3195 PG. 38


INTERSECTION
FD. LG. BT. SPK. W.
& TIN. IN PVMT.
F.B. 3166 - 130
HULSTOCK STREET
78.8'
43.7'
TO BT. PG. 37
(30')
30.2'
(30')
19.1'
LINCOLN AVE
INTERSECTION
FD. LG. PT. SPK.
W. & TIN.
F.B. 3166 - 137
19.7'
15°
DRIVER
(30')
(30')
TO TOP PG. 39

Notes Ck'd by	Survey of W.W. DIST # 36
Map No.	JN 5364.6 Tape 199 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes MCALL Date 5-64
Date	Indexed G. J. GALLI

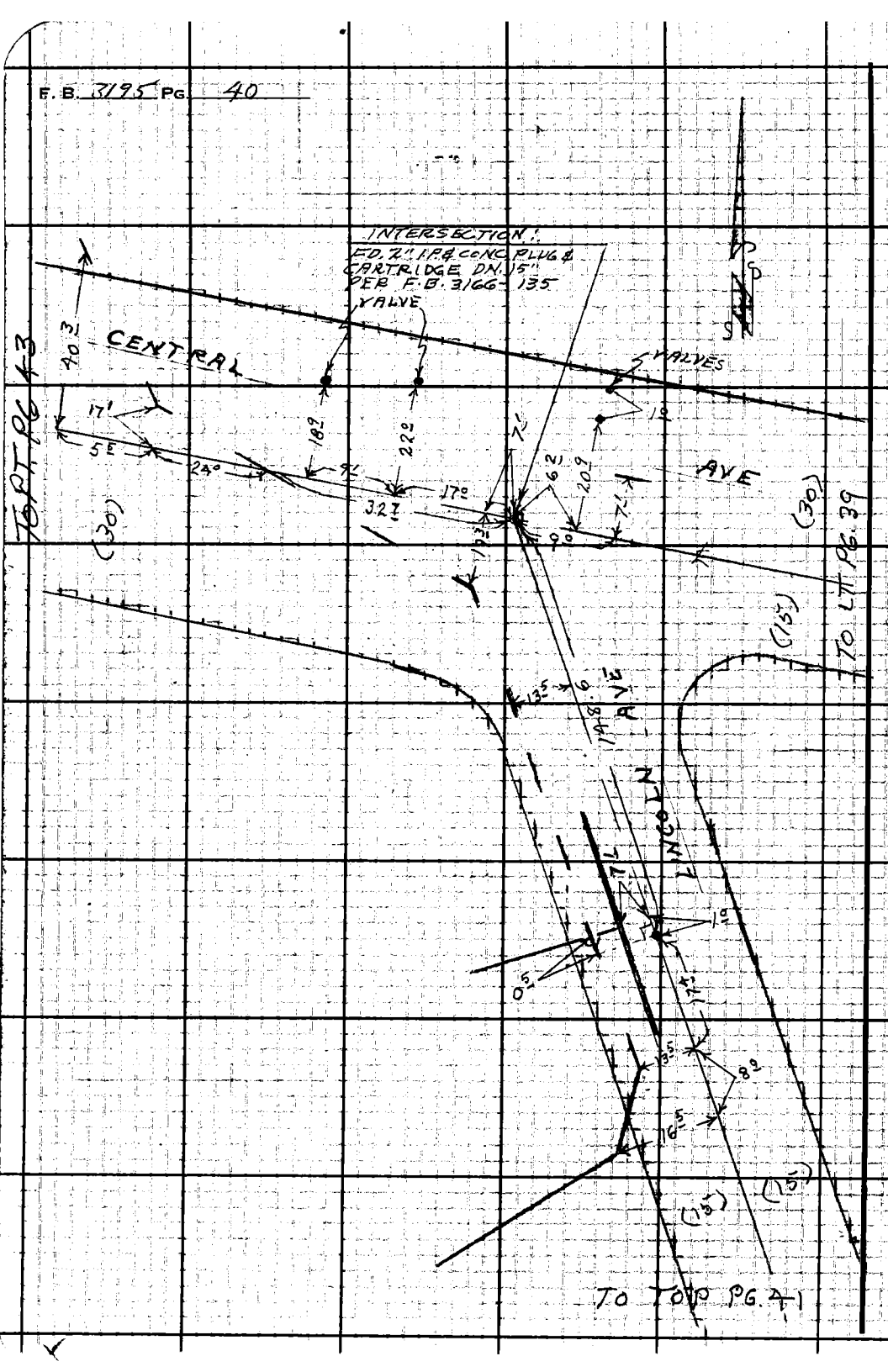
F. B. 3195 PG. 39

TO BOT. PG. 38



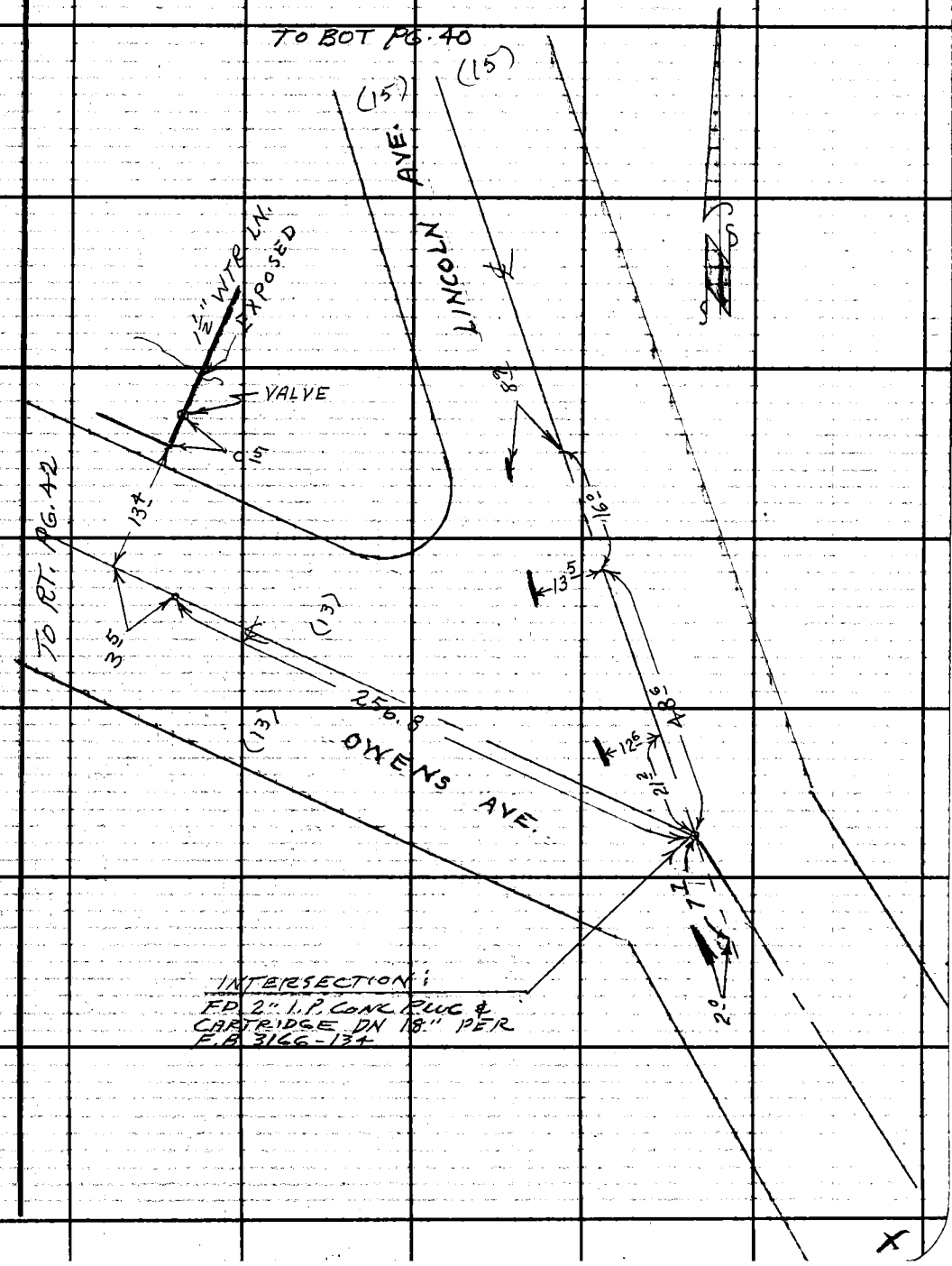
INTERSECTION
F.D. LG. BT. SPK.
W. & TIN
F.B. 3166 - 136

F. B. 3195 PG. 40

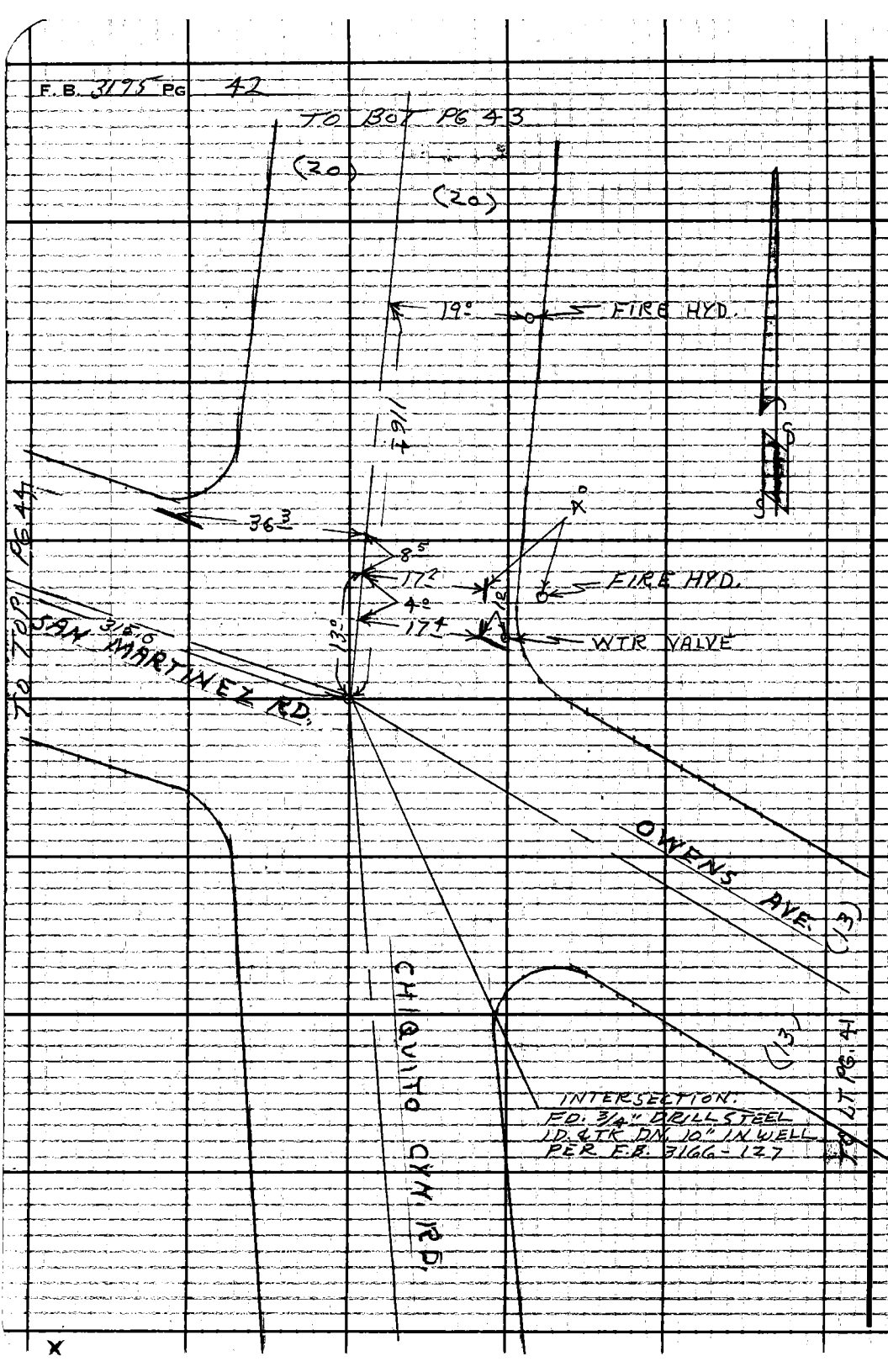


INTERSECTION:
FD. 2" I.P. & CONC. PLUG & CARTRIDGE DN. 15" PER F.B. 3166-135
VALVE
VALVES
CENTRAL
AVE
LINCOLN
AVE
TO PT. PG. 43
TO LT. PG. 39
TO TOP PG. 41
(30)
(15)

Notes Ck'd by	Survey of W.W. DIST. # 36	F. B. 3195 PG. 41
Map No.	JN 5364.16 Tape 199 Std 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes McCALL Date 5-64	
Date	Indexed E. J. GALLI	



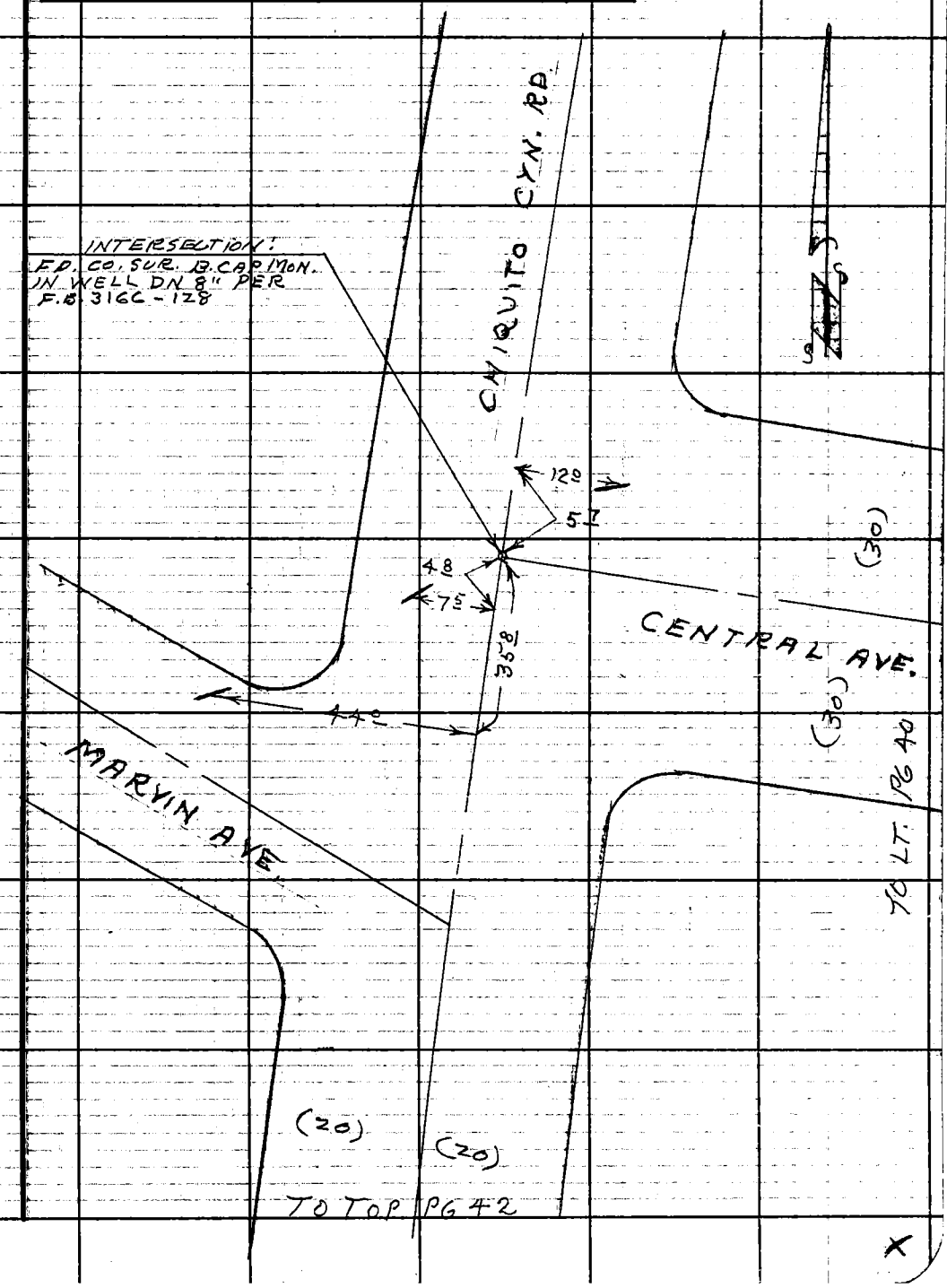
F.B. 3175 PG 42



X

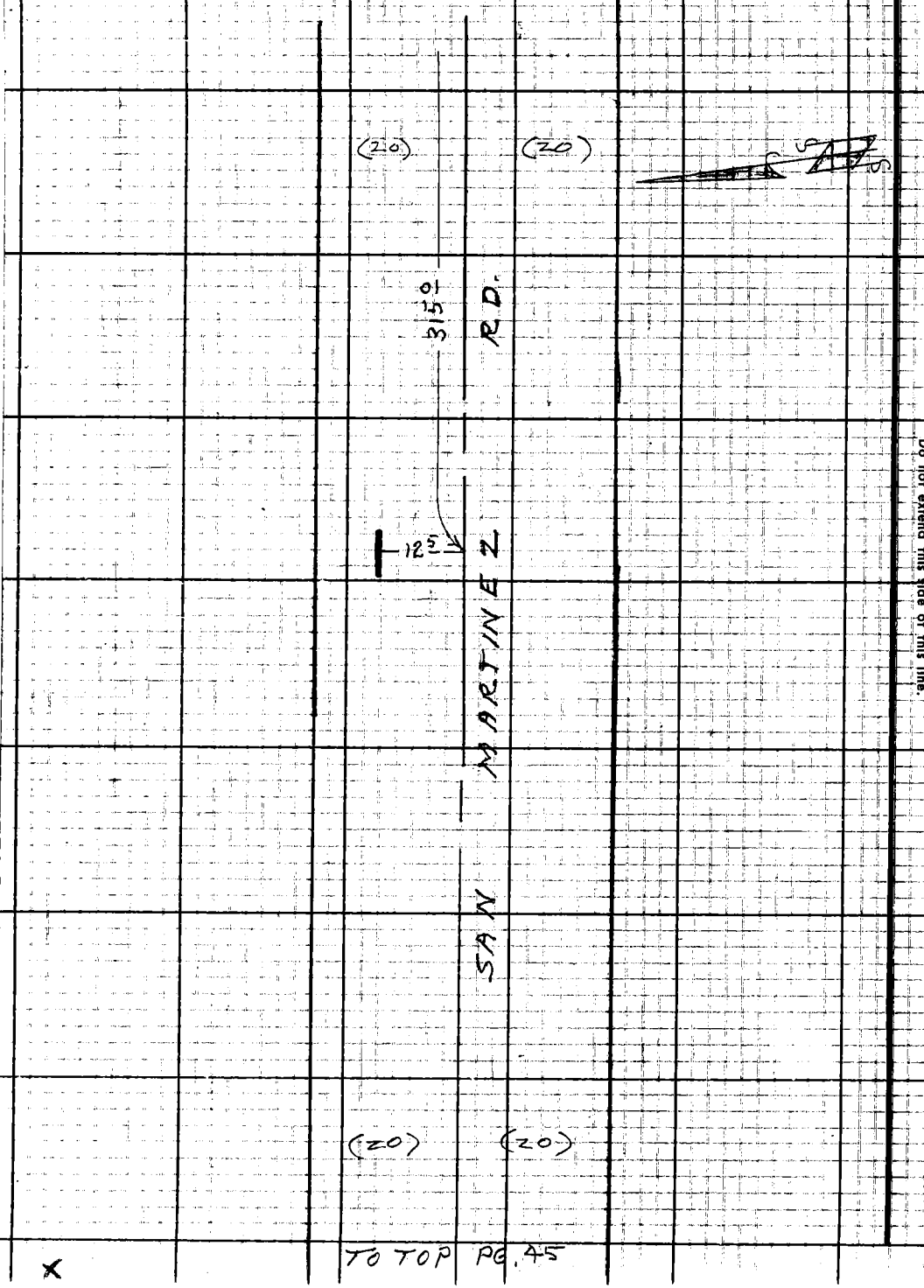
Notes Ck'd by	Survey of W.W. DIST. # 36
Map No.	JN 5364.16 Tape 199 Std 84 °F
Office Work	Surveyed by L.Y. SMITH
Checked	Notes McCALL Date 5-64
Date	Indexed C. J. GAtti

F. B. 3195 PG. 43



F. B. 3195 PG. 44

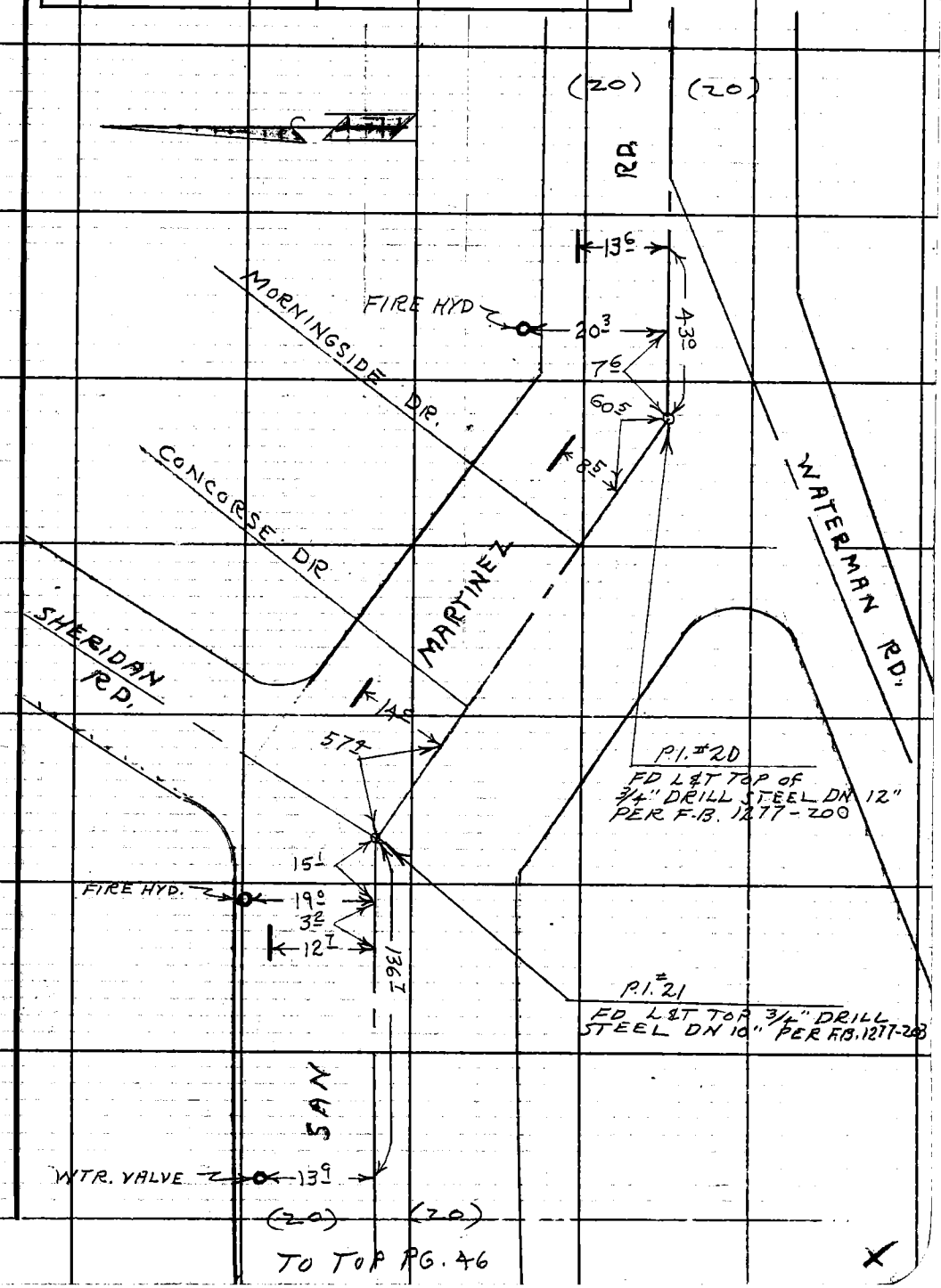
TO LT. PG. 42



Notes Ck'd by	Survey of W.W. DIST #36
Map No.	JN 5364-16 Tape 199 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes McCALL Date 6-64
Date	Indexed J. GALLI

F. B. 3195 PG. 45

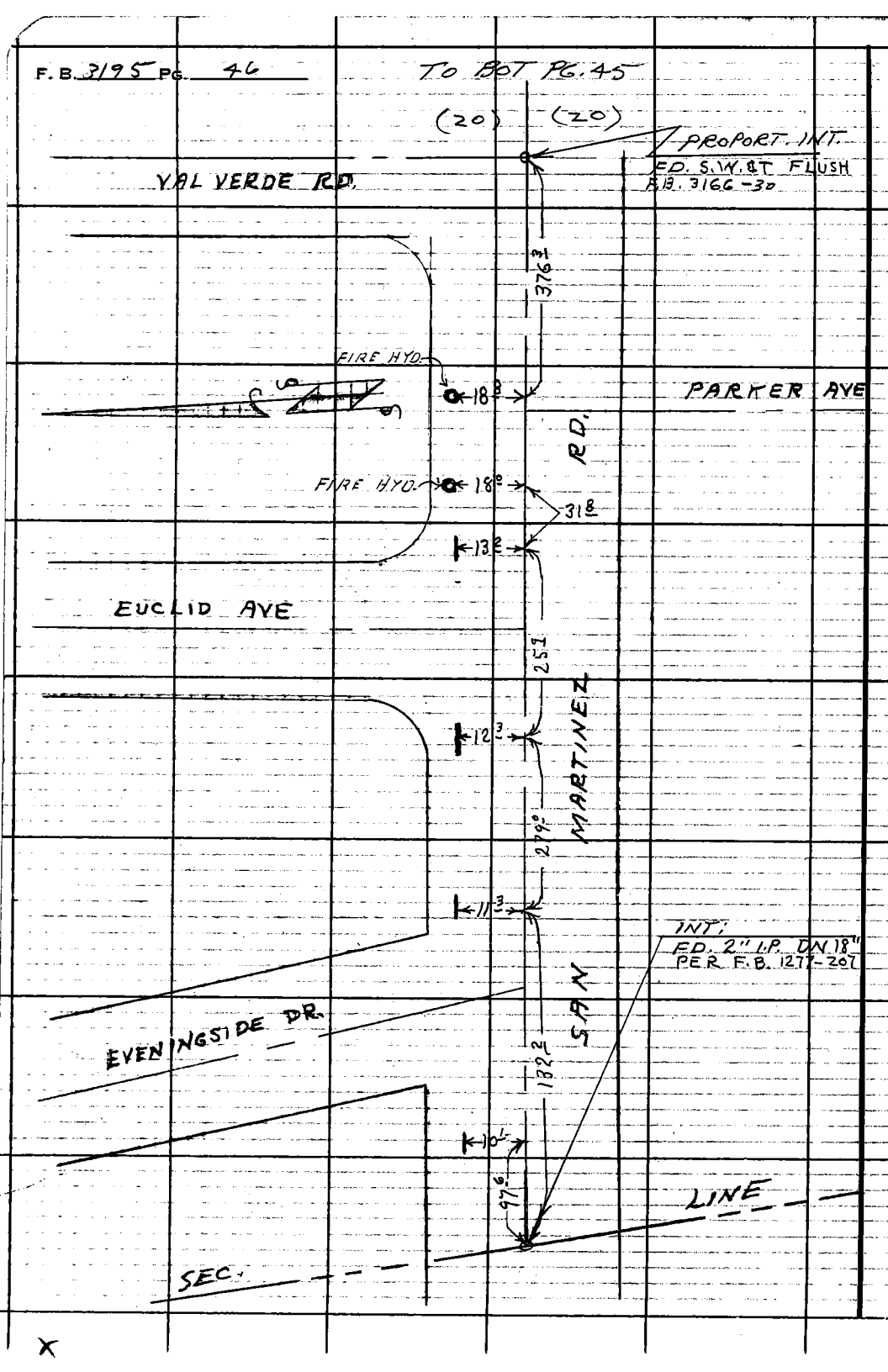
TO BOT PG. 44



TO TOP PG. 46

F. B. 3195 PG. 46

TO BOT PG. 45



X

Notes Ck'd by	Survey of W/W. DIST. Nº 36	F. B. 3195 PG. 47
Map No.	JN 0303.00 Tape 199 Std 84 °F.	
Office Work	Surveyed by I. V. SMITH	
Checked	Notes I. V. S. Date 5-64	
Date	Indexed C. J. GALLI AUG 1 0 '64	

WATERWORKS DISTRICT Nº 36

VAL VERDE

J.N. 0303.00

SURVEY TO TIE HASLEY CR ROAD & DEL VALLE ROAD TO ZONE SEVEN CO-ORDINATES

JUNE 1964

PARTY
I. V. SMITH
J. P. McCABE
J. T. FALSEY
R. M. TERRAZZONE
E. N. HURLEY

F. B. 3195 PG. 48

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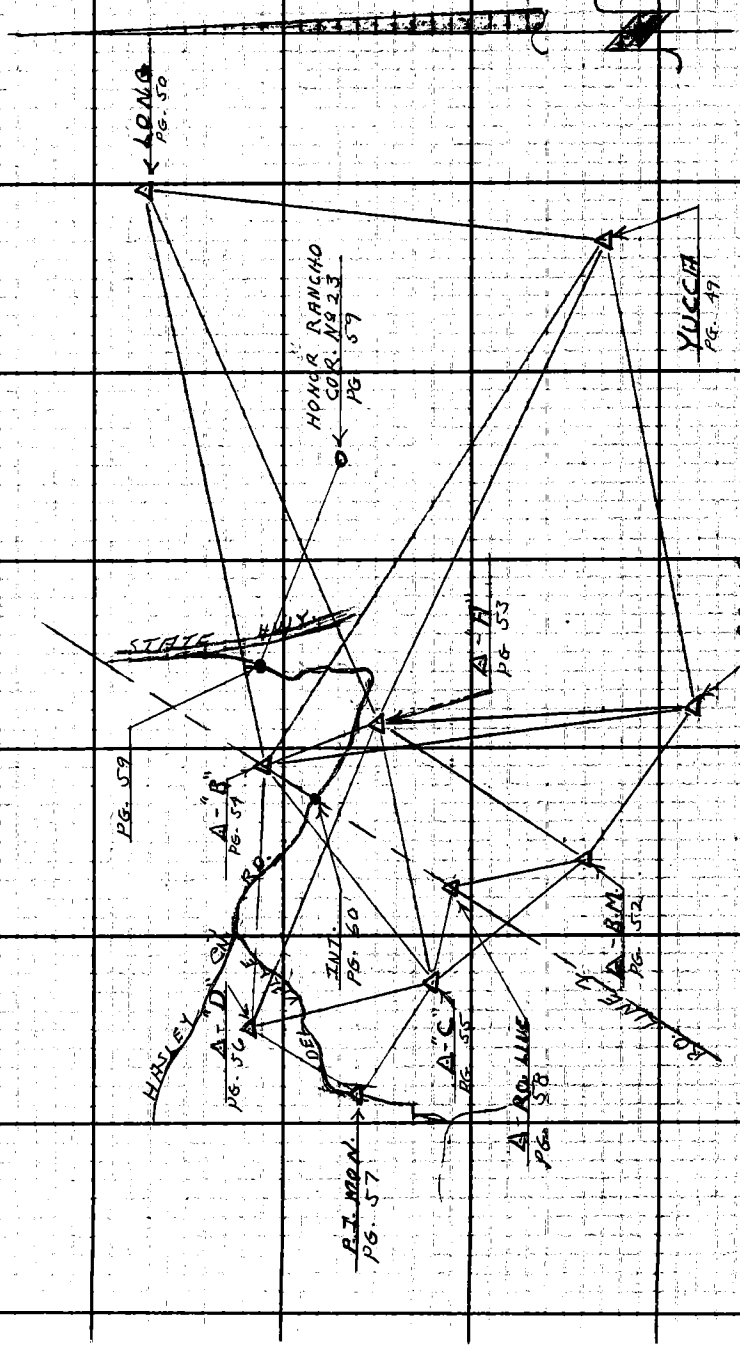


Notes Ck'd by	Survey of WW DIST. No 36	F. B. 3195 PG. 49
Map No.	JN 0303-00 Tape 199 Std 84 °F	
Office Work	Surveyed by L-V-SMITH	
Checked	Notes L-V-S. Date 5-64	
Date	Indexed C. J. GALLI	

"B" TO LONG

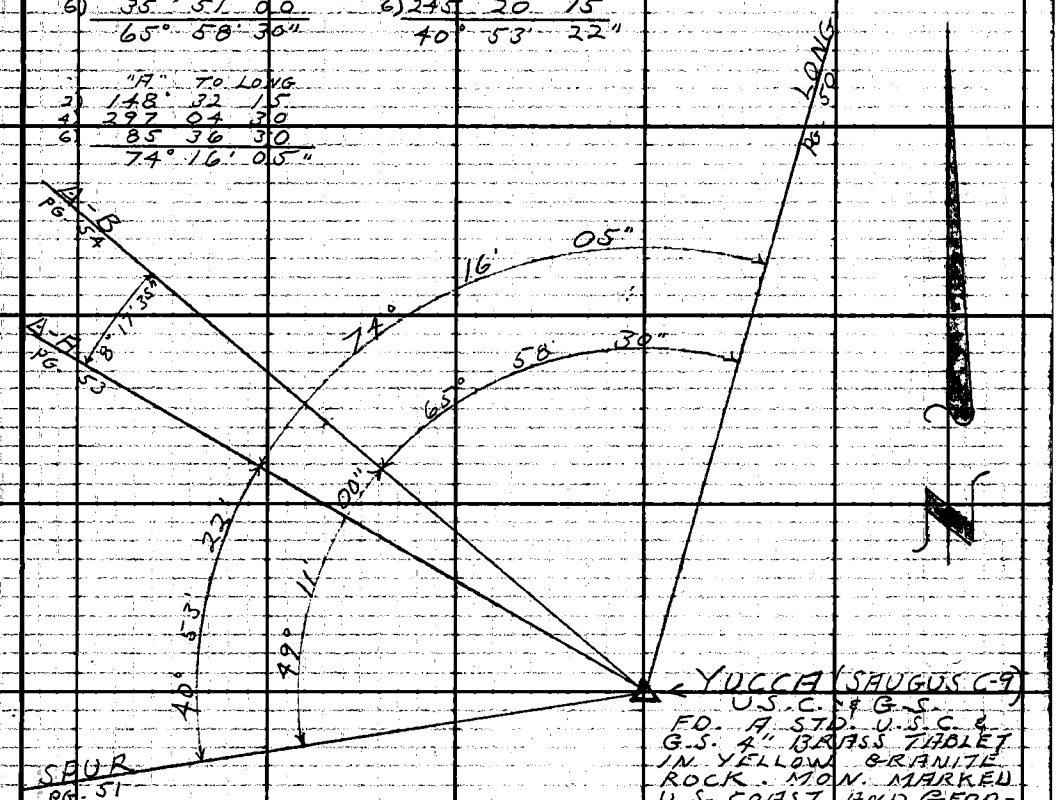
2) 131° 57' 15"
4) 263 54 00
6) 35 51 00
65° 58' 30"

SPUR — "A"

2) 81° 46' 45"
4) 163 33 30
6) 245 20 15
40° 53' 22"

"A" TO LONG

2) 148° 32' 15"
4) 297 04 30
6) 85 36 30
74° 16' 05"



"A" — "B"

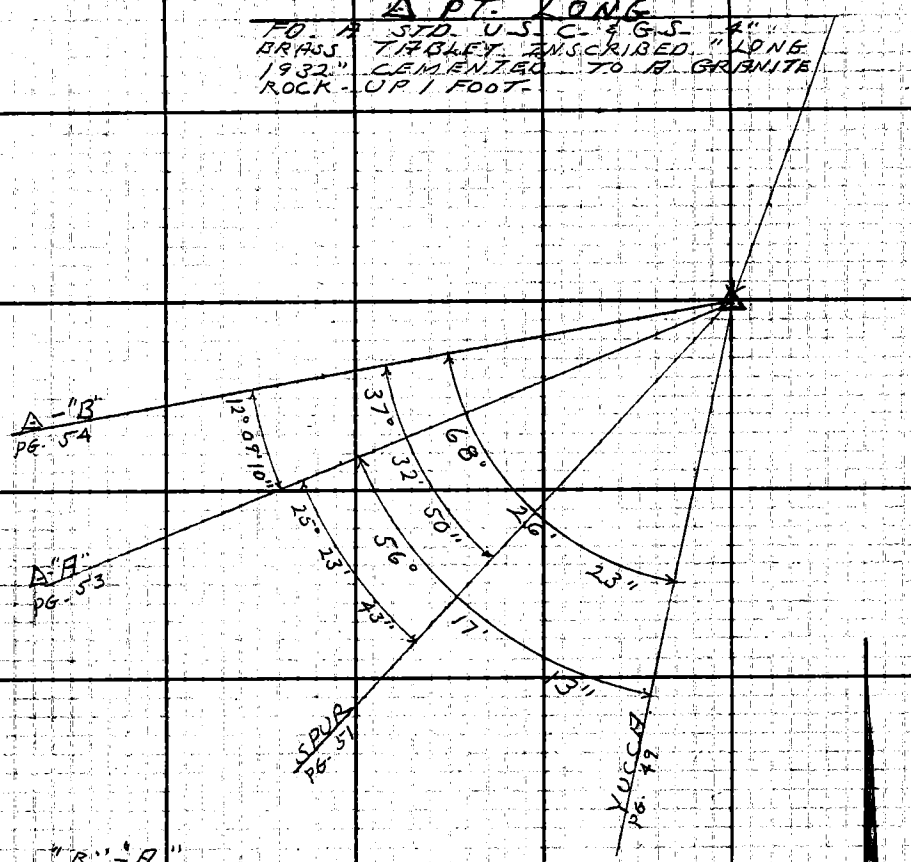
2) 16° 35' 15"
4) 33 10 30
6) 49 45 30
8° 17' 35"

2) 98° 22' 00"
4) 196 44 00
6) 295 06 00
49° 11' 00"

F. B. 3195 PG. 50

△ PT. "LONG"

FD. IN STD. U.S.C. & G.S. 4" BRASS TABLET INSCRIBED "LONG 1932" CEMENTED TO A GRANITE ROCK - UP 1 FOOT -



"B" - "A"

2)	24°	18'	30"
4)	48	36	45
6)	72	55	00
	12°	09'	10"

"A" - SPUR

2)	50°	47'	30"
4)	101	34	45
6)	152	22	15
	25°	23'	43"

"A" - YUCCA

2)	112°	34'	30"
4)	225	09	00
6)	337	43	15
	56°	17'	13"

"B" - SPUR

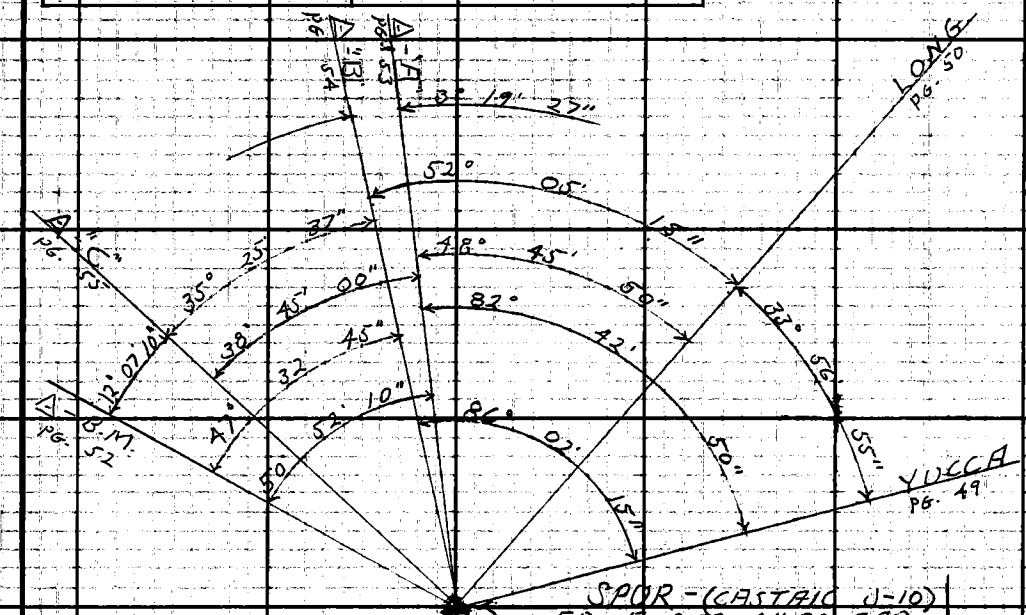
2)	75°	06'	00"
4)	150	11	30
6)	225	17	00
	37°	22'	50"

"B" - YUCCA

2)	136°	52'	30"
4)	273	45	30
6)	50	38	15
	68°	26'	23"

Notes Ck'd by	Survey of W.W. DIST. No 36
Map No.	JN 0303-00 Tape 199 Std 84 °F.
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 5-64
Date	Indexed G. I. GALIN

F.B. 3195 PG. 51



SPUR - (CASTAIC U-10)
FD. A STD. 4" BR. CAP
TABLET IN 12" x 12" CONC.
MON. UP 7" MON. MARKED
"L.A. COUNTY SURVEY CONTROL
SYSTEM TRIANGULATION
STATION SPUR 1956"
R.E. 5869

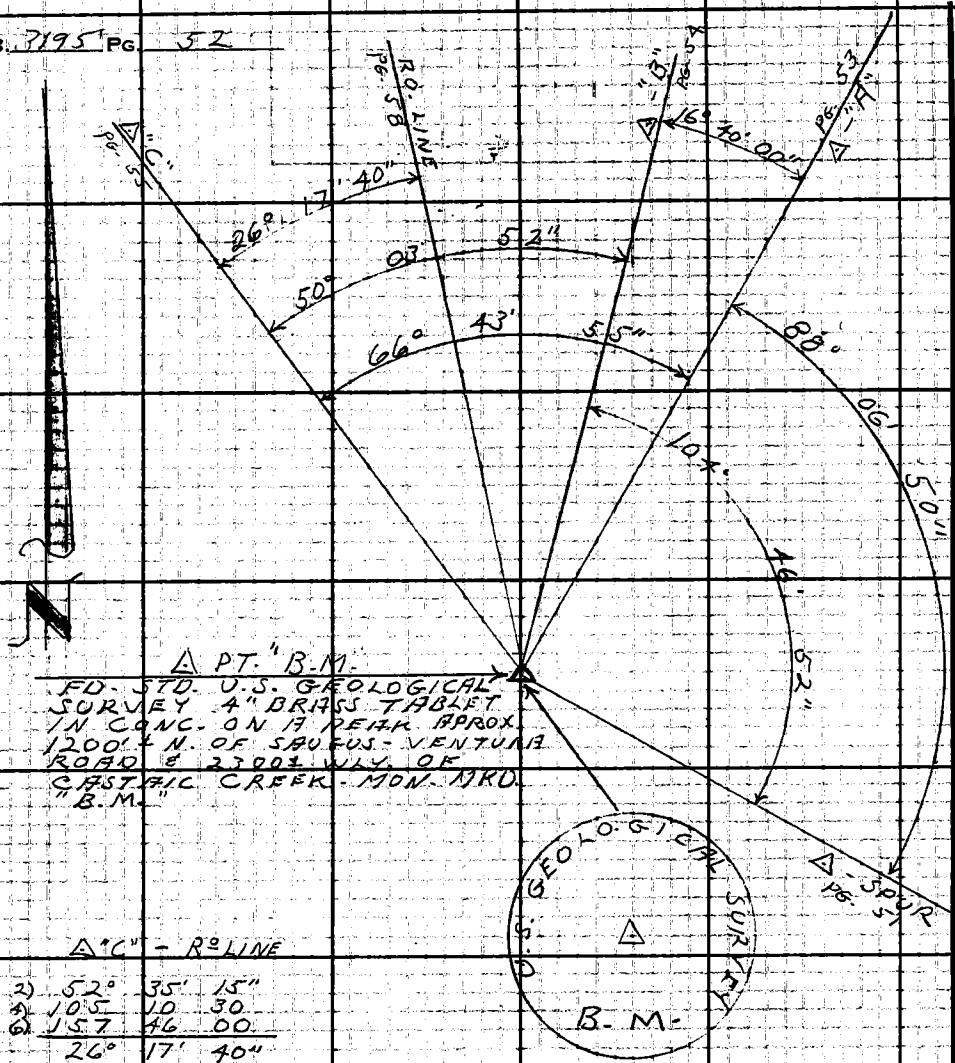
BM. 70 "C"			"C" - "A"			A - LONG		
2)	24°	14'	15"	2)	77°	30'	00	2)	97°	31'	45"
4)	48	28	30	4)	155	00	00	4)	195	03	30
6)	72	43	00	6)	232	30	00	6)	292	35	00
	12°	07'	10"		38°	45'	00"		48°	45'	50"

BM. - "A"				"B" - "A"				A - YUCCA			
2)	101°	44'	30"	2)	06	38	45	2)	165°	25'	45"
4)	203	28	30	4)	13	17	30	4)	330	51	00
6)	305	13	00	6)	19	56	45	6)	136	17	00
	50°	52'	10"		3°	19'	27"		82°	42'	50"

"BM" - "B"				B - LONG				LONG - YUCCA			
2)	95°	05'	45"	2)	104°	10'	30"	2)	67°	54'	00"
4)	190	11	00	4)	208	21	15	4)	135	48	00
6)	285	16	30	6)	312	31	30	6)	203	41	30
	47°	32'	45		52°	05'	15"		33°	56'	55"

"C" - "B"				"B" - YUCCA			
2)	70°	51'	00"	2)	172°	04'	45"
4)	141°	42	15	4)	344	08	45
6)	212	33	45	6)	156	13	30
	35°	25'	37"		86°	02'	15"

F. B. 7195 PG. 52



△ PT. "B.M."
FD. STD. U.S. GEOLOGICAL SURVEY 4" BRASS TABLET IN CONC. ON A PEAK APPROX 1200'± N. OF SAUCUS-VENTURA ROAD & 2300'± WLY. OF CASTAIC CREEK. MON. MKD. "B.M."

△"C" – RO LINE

2)	52°	35'	15"
4)	105	10	30
6)	157	46	00
	26°	17'	40"

"C" – "B"

2)	100°	07'	30"
4)	200	15	30
6)	300	23	15
	50°	03	52

"C" – "A"

2)	133°	28	00
4)	266	55	30
6)	40	23	30
	66°	43'	55"

"B" – "A"

2)	33°	30'	00"
4)	66	40	00
6)	100	00	00
	16°	40'	00"

"B" – SPUR

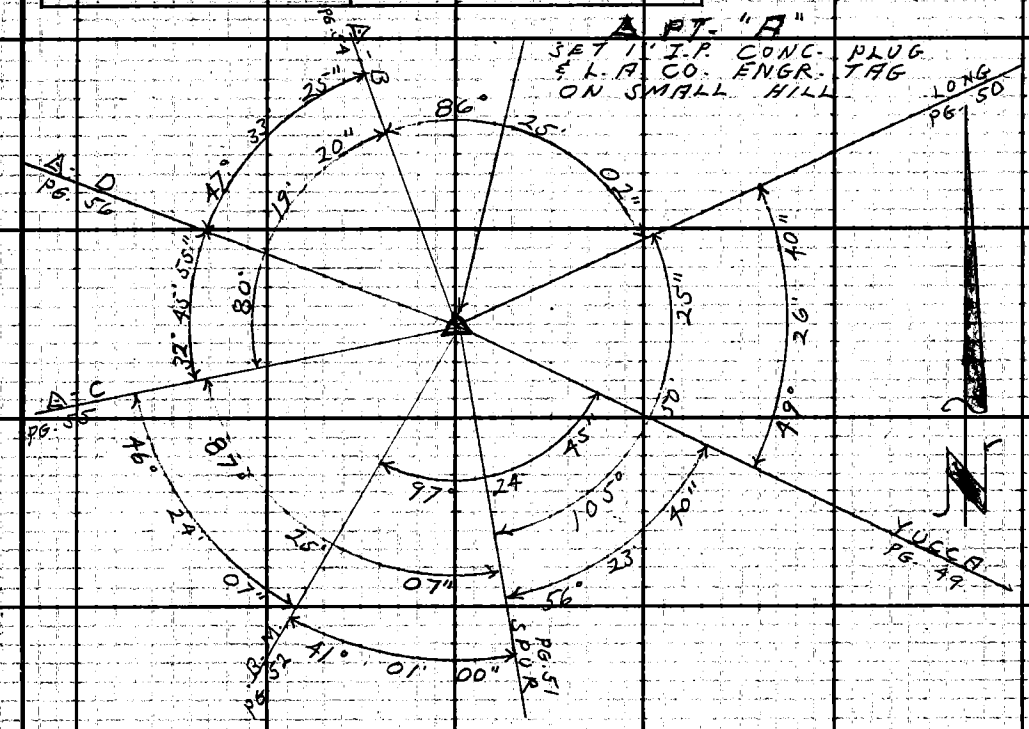
2)	209°	33'	30"
4)	59	07	45
6)	268	41	15
	104°	46'	52"

"A" – SPUR

2)	176°	13	45"
4)	352	27	15
6)	168	41	00
	88°	06'	50"

Notes Ck'd by	Survey of W. DIST. Nº 30
Map No.	JN030300 Tape 199 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 5-64
Date	Indexed C. J. GAUL

F. B. 3195 Pg. 53



"D" – "B"			"B" – LONG			LONG – YUCCA		
2)	95°	07'	00"	2)	172°	50'	30"	2)	98°	53'	30"
4)	190	13	45	4)	345	40	00	4)	197	47	00
6)	285	20	30	6)	158	30	15	6)	296	40	00
	47°	33'	25"		86°	25'	02"		49°	26'	40"

YUCCA – SPUR			SPUR – "C"			LONG – SPUR		
2)	112°	47'	30"	2)	174°	50'	00"	2)	211°	41'	00"
4)	225	34	30	4)	349	40	15	4)	63	21	45
6)	338	22	00	6)	164	30	45	6)	275	02	30
	56°	23'	40"		87°	25'	07"		105°	50'	25"

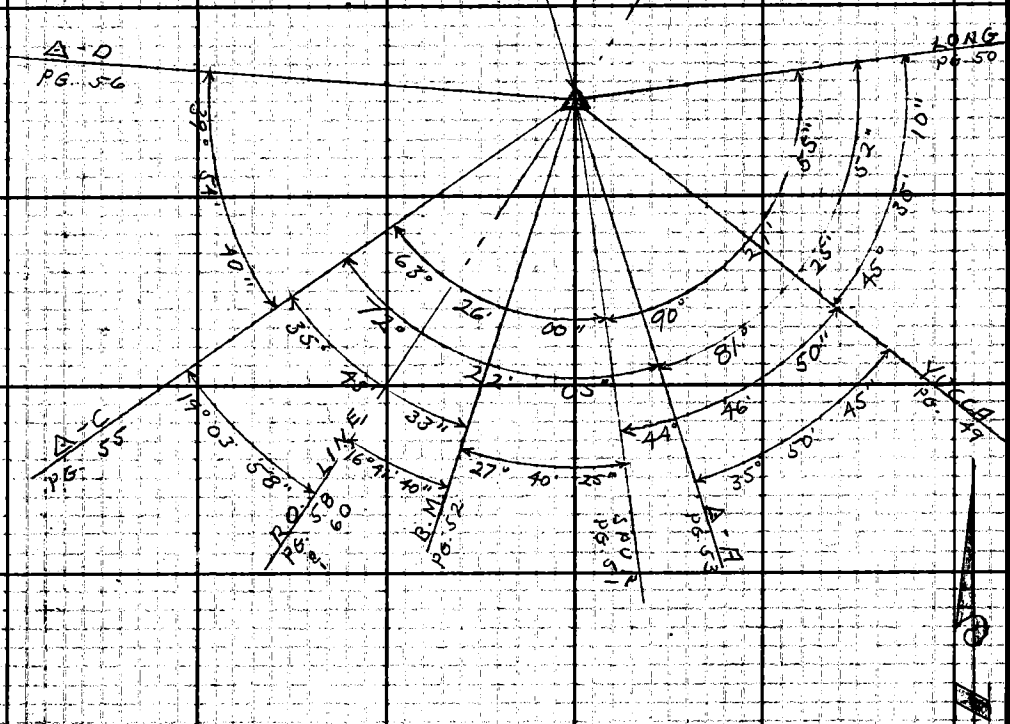
YUCCA – B.M.			B.M. – "C"			"C" – "D"		
2)	194	49	45	2)	92°	48	15"	2)	65°	31'	45"
4)	29	39	00	4)	185	36	30	4)	131	03	45
6)	224	28	30	6)	278	24	45	6)	196	35	30
	97°	24'	45"		46°	24'	07"		32°	45'	55"

SPUR – B.M.				"C" – "B"			
2)	82	02	00	2)	160°	38'	30"
4)	164	04	00	4)	321	17	15
6)	246	06	00	6)	121	56	00
	41°	01'	00"		80°	19'	20"

F. B. 3195 PG. 54

△ PT. 'B'

1" I.P. CONC. PLUG & L.A. CO. ENGR. TAG ON RANCHO LINE. SEE F.B. 3166 - 114



"C" — D			SPUR TO B.M.			YUCCA — SPUR		
2) 79°	49'	30"	2) 55°	21'	00"	2) 89°	34'	00"
4) 158	38	45	4) 110	41	45	4) 179	07	30
6) 239	28	00	6) 166	02	30	6) 268	41	00
39°	54'	40"	27°	40'	25"	44°	46'	50"

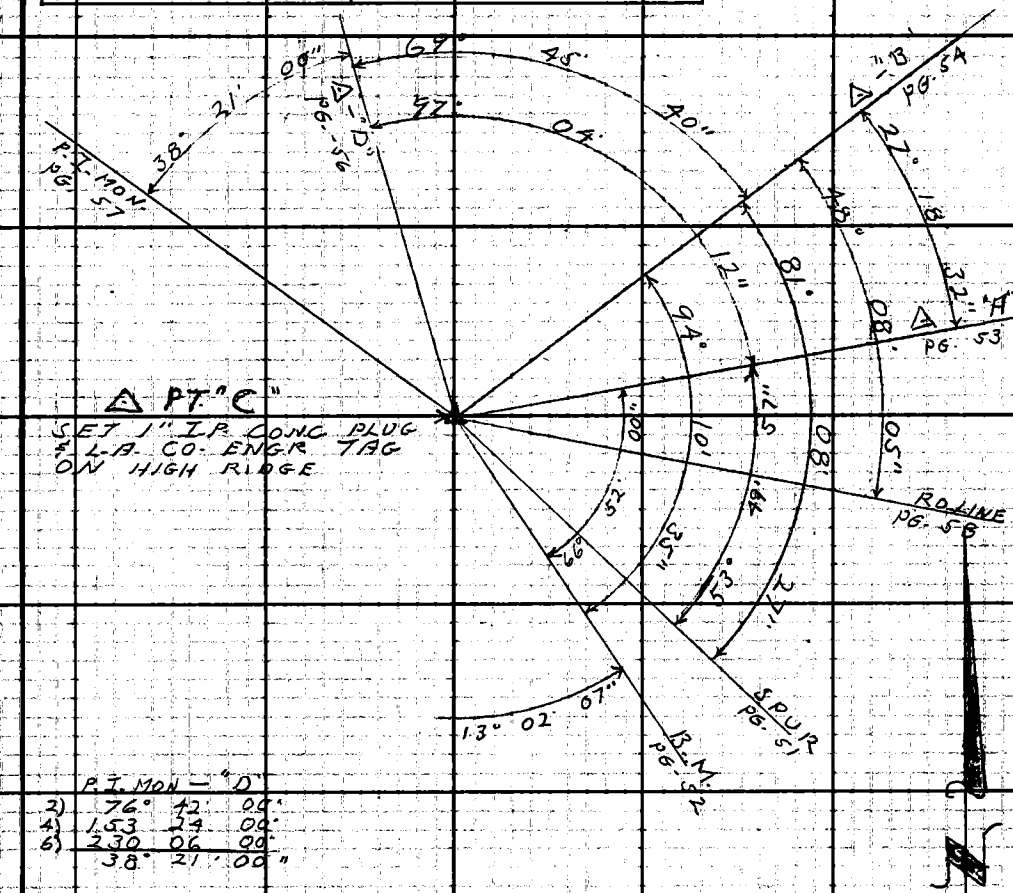
R.O. LINE TO "C"			SPUR TO "C"			LONG — YUCCA		
2) 38°	08	00	2) 126	52	00	2) 91°	10'	30"
4) 76	16	00	4) 253	43	45	4) 182	21	00
6) 114	23	45	6) 20	36	00	6) 273	31	00
19°	03	58	63°	26'	00	45°	35'	10"

B.M. TO R.O. LINE			"A" TO "C"			LONG — "A"		
2) 33°	23	30	2) 144°	44'	00"	2) 162°	52'	00"
4) 66	46	45	4) 289	28	15	4) 325	43	30
6) 100	10	00	6) 74	12	30	6) 128	35	15
16°	41'	40"	72°	22'	05"	81°	25'	52"

B.M. TO "C"			YUCCA — "A"			LONG — SPUR		
2) 71°	21'	30"	2) 71°	41'	30"	2) 180°	43'	45"
4) 143	02	15	4) 143	23	00	4) 01	27	30
6) 214	33	15	6) 215	04	30	6) 182	11	30
35°	45'	33"	35°	50'	45"	90°	21'	55"

Notes Ck'd by	Survey of W.W. DIST. Nº 36
Map No.	JN 0303.00 Tape 199 Std 164 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 6-64
Date	Indexed C. J. GALLI

F. B. 3195 PG. 55



P.T. MON — "D"

2)	76°	42'	00"
4)	153	24	00
6)	230	06	00
	38°	21'	00"

"D" — "B"

2)	139°	31'	00"
4)	279	02	30
6)	58	34	00
	69°	45'	40"

"B" — RO. LINE

2)	96°	16'	00"
4)	192	32	00
6)	288	48	30
	48°	08'	05"

"A" — SPUR

2)	107	40	00
4)	215	20	00
6)	322	59	45
	53°	49'	57"

"D" — "A"

2)	194°	08'	15"
4)	28	17	00
6)	222	25	15
	97°	04'	12"

"B" — SPUR

2)	162°	17'	00"
4)	324	33	30
6)	126	50	45
	81°	08'	27"

"A" — "BM"

2)	133°	44'	00"
4)	267	28	00
6)	41	12	00
	66°	52'	00"

"B" — "A"

2)	54°	36'	45"
4)	109	14	00
6)	163	51	15
	27°	18'	32"

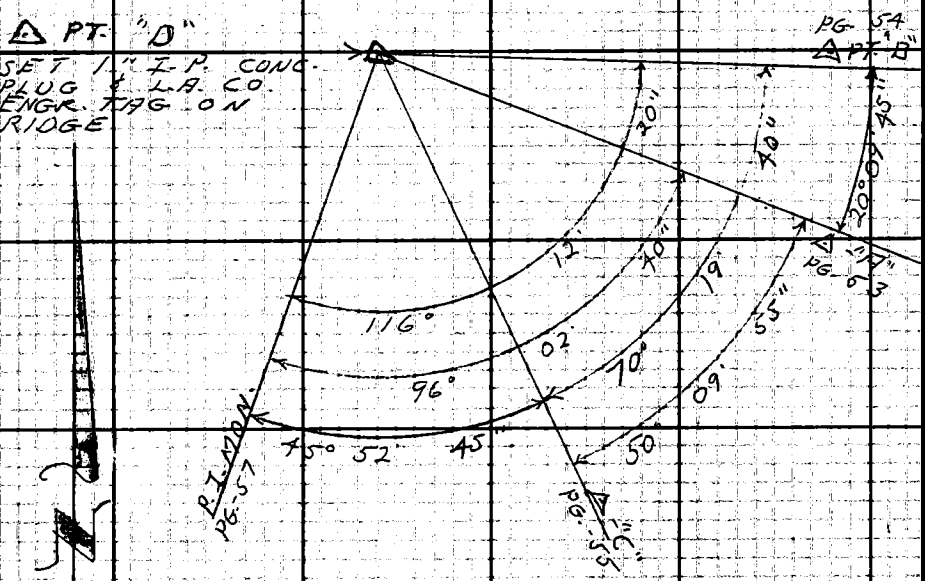
"B" — "BM"

2)	188°	21'	15"
4)	16	42	30
6)	205	03	30
	94°	10'	35"

SPUR — BM

2)	26°	04'	00"
4)	52	08	30
6)	78	12	45
	13°	02'	07"

F. B. 3195 PG 5C

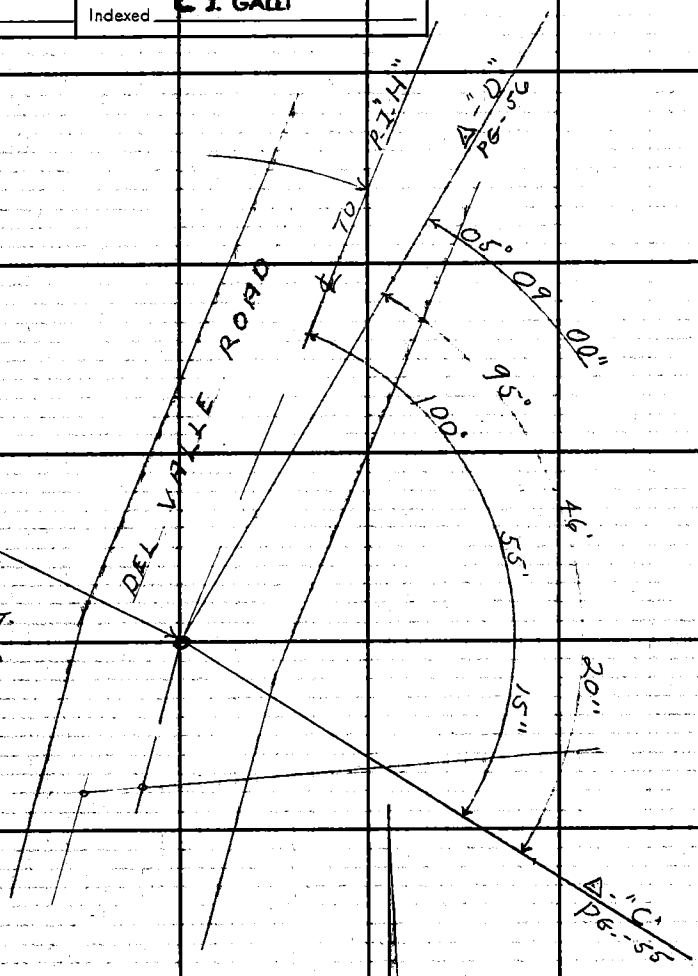


P.I. MON. – "B"			"C" – "B"			"A" – "B"		
2) 232°	25'	00"	2) 140°	39'	15"	2) 40°	19'	30"
4) 104	49	30	4) 281	18	45	4) 80°	39	00
6) 337	14	00	6) 61	58	00	6) 120	58	30
116°	12'	20"	70°	19'	40"	20°	09'	45"

P.I. MON. – "A"			"C" – "A"		
2) 192°	05'	15"	2) 100°	19'	45"
4) 24	11	00	4) 200	39	30
6) 276	16	00	6) 300	59	30
96°	02'	40"	50°	09'	55"

P.I. MON. – "C"		
2) 91°	45'	30"
4) 183	31	00
6) 275	16	30
45°	52'	45"

Notes Ck'd by	Survey of W.W. DIST. Nº 36	F. B. 3195 PG. 57
Map No.	JN030.J.06 Tape 199 Std 84 °F	
Office Work	Surveyed by L-V-SMITH	
Checked	Notes L-V-SMITH Date 5-64	
Date	Indexed C. J. GALLI	



P.I. "I"
FR. LG. IST. SPK.
W. & TIN ON
SURFACE OVER
CO. ROAD DEPT.
MON.
F.B. 3166-126

℄ DEL VALLE - "C"

2)	201°	50'	30"
4)	43	41	15
6)	245	31	30
	100°	55'	15"

℄ DEL VALLE - "D"

2)	10°	18'	00"
4)	20	36	00
6)	30	54	00
	5°	09'	00"

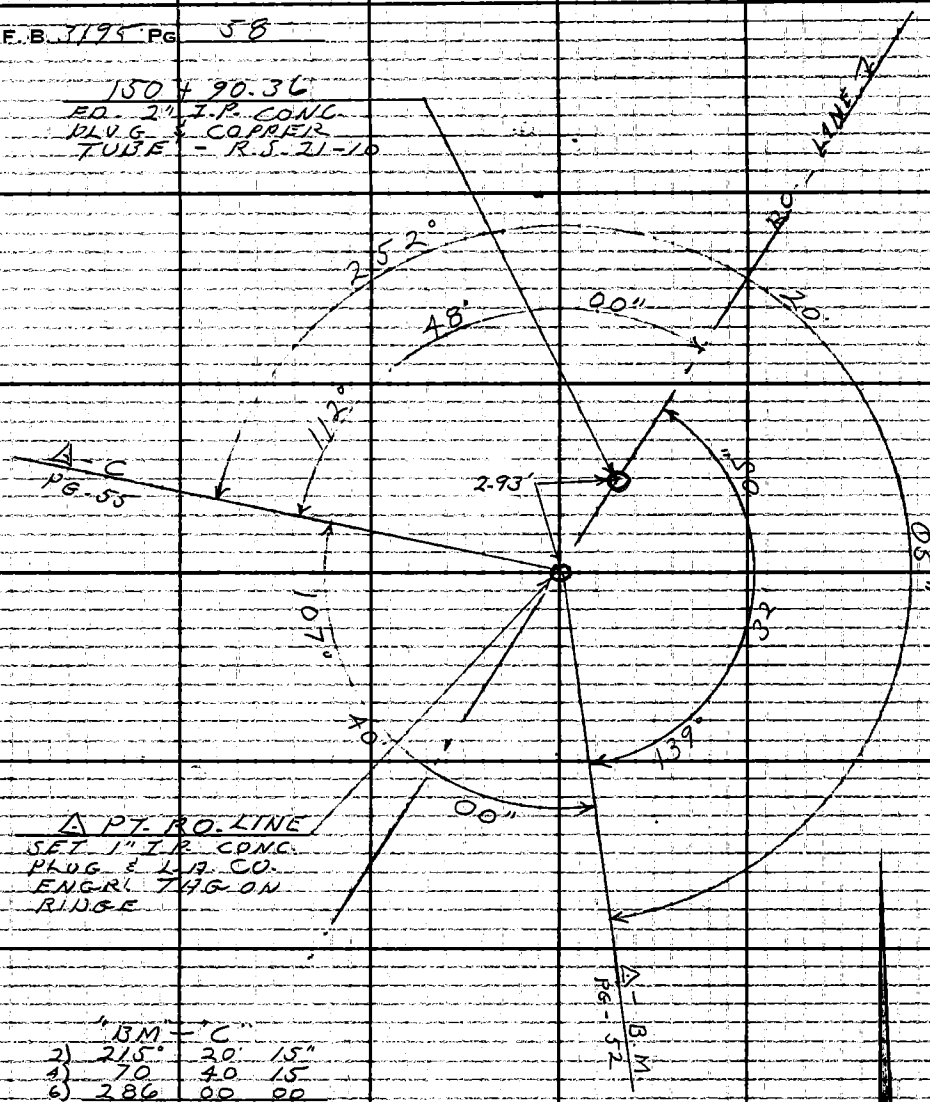
"D" - "C"

2)	191°	32'	45"
4)	23	05	30
6)	214	38	00
	95°	46'	20"

X

F.B. 1195 PG 58

150 + 90.36
ED. 2" I.P. CONC
PLUG & COPPER
TUBE - R.S. 21-10



Δ PT. RO. LINE
SET 1" I.P. CONC
PLUG & L.A. CO.
ENGR. TAG ON
RIDGE

"BM - "C"

2)	215°	20'	15"
4)	70	40	15
6)	286	00	00
	107°	40'	00"

"C" - "BM"

2)	144°	40'	15"
4)	289	20	15
6)	74	00	30
	252°	20'	05"

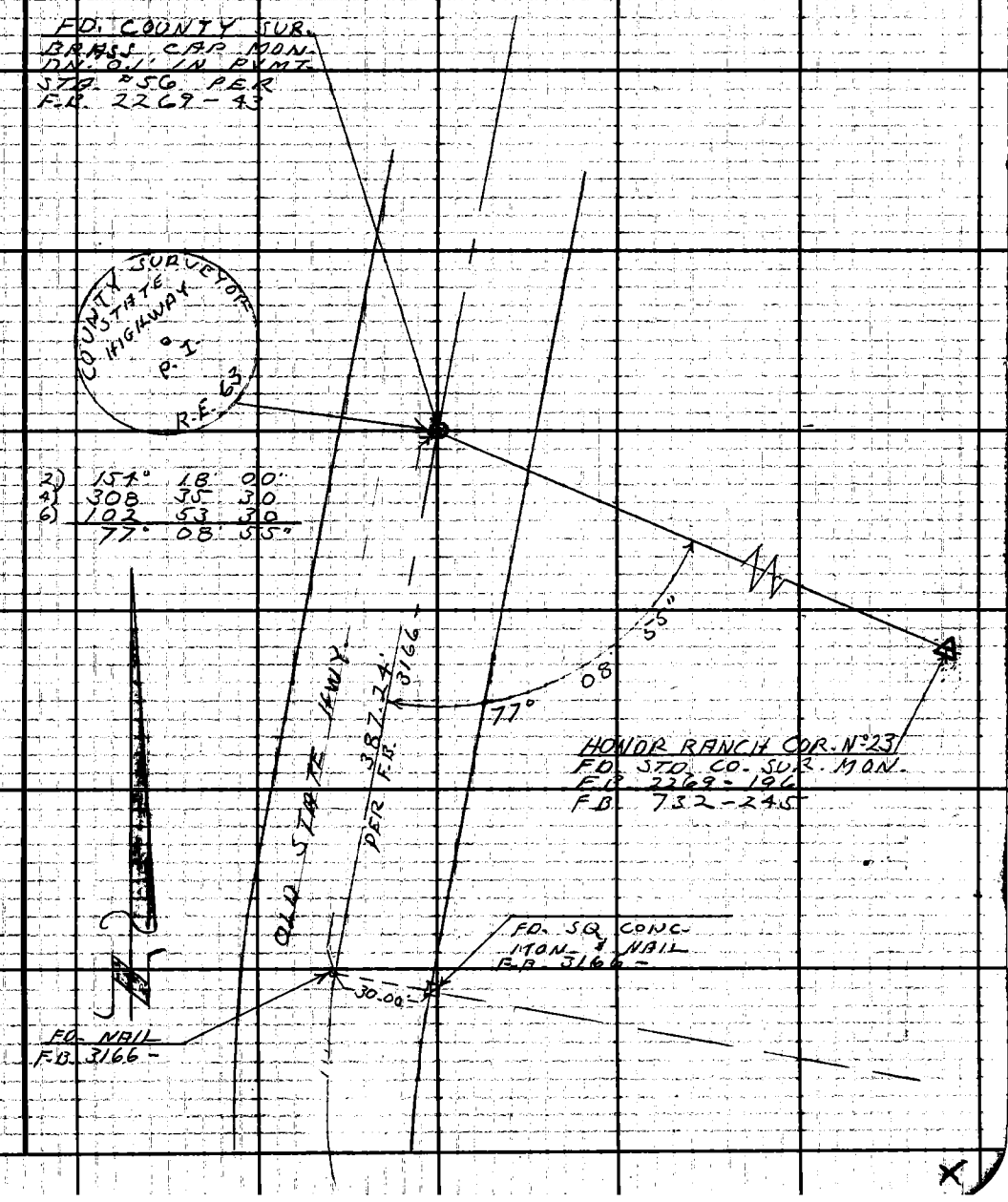
"C" - RO. LINE

2)	225°	36'	00"
4)	91	12	00
6)	316	48	00
	112°	48'	00"

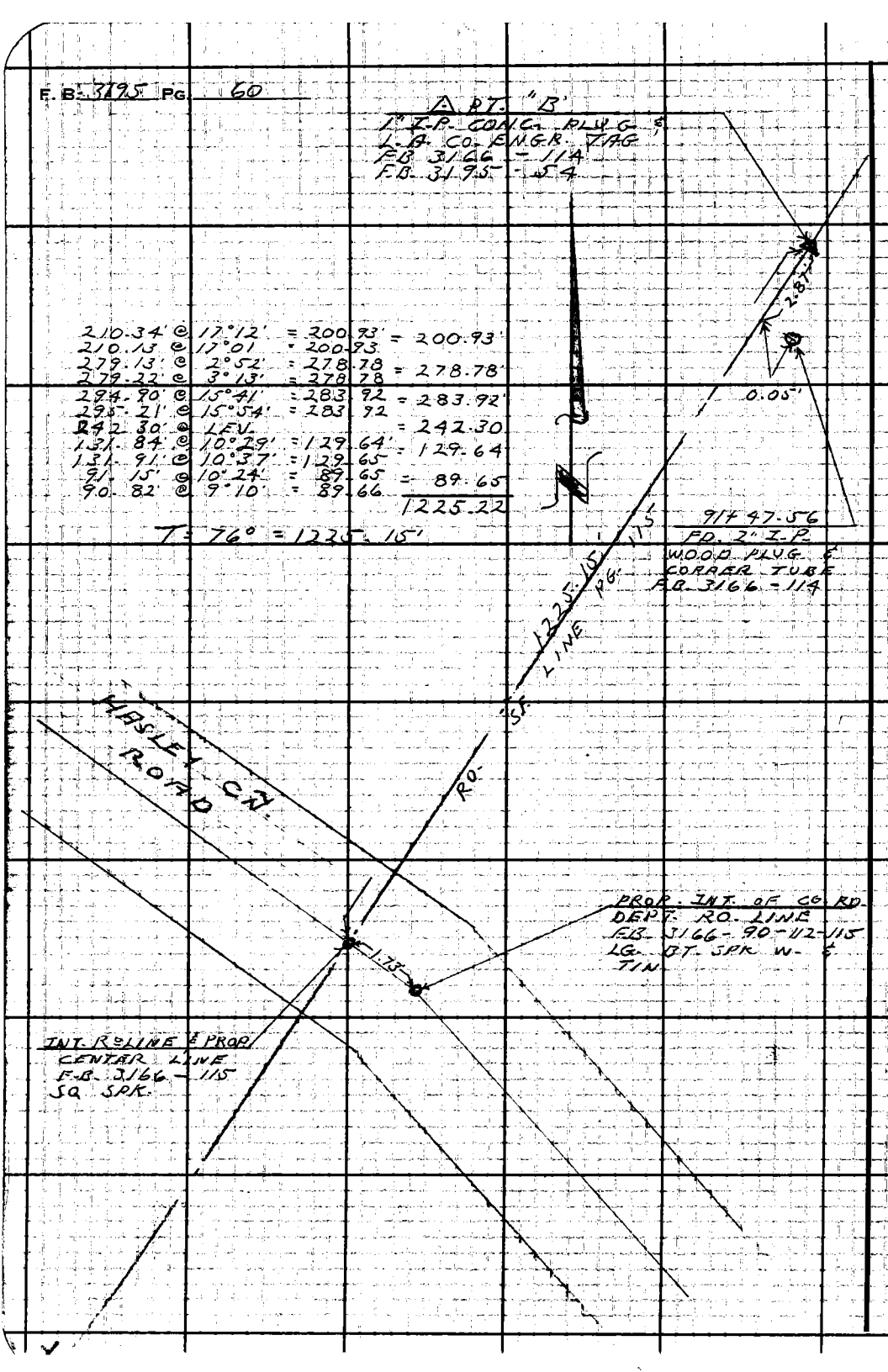
RO. LINE - B.M.

2)	279°	04'	00"
4)	198	08	15
6)	117	12	30
	139°	32'	05"

Notes Ck'd by	Survey of M/W. DIST. No 36	F. B. 3195 PG. 59
Map No.	JNO 303.00 Tape 199 Std 84 °F	
Office Work	Surveyed by L. V. SMITH	
Checked	Notes L. V. SMITH Date 6-64	
Date	Indexed J. GALLI	



F. B. 3195 PG. 60



△ PT. "B"
1" I.P. CONC. PLUG &
L.A. CO. ENGR. TAG
F.B. 3166 - 114
F.B. 3195 - 54
2.87'
0.05'
210.34' @ 17°12' = 200.93' = 200.93'
210.13' @ 17°01' = 200.93
279.13' @ 2°52' = 278.78 = 278.78'
279.22' @ 3°13' = 278.78
294.90' @ 15°41' = 283.92 = 283.92'
295.21' @ 15°54' = 283.92
242.30' @ LEV. = 242.30
131.84' @ 10°29' = 129.64' = 129.64
131.91' @ 10°37' = 129.65
91.15' @ 10°24' = 89.65 = 89.65
90.82' @ 9°10' = 89.66
1225.22
T = 76° = 1225.15'
91+47.56
FD. 2" I.P.
WOOD PLUG &
COPPER TUBE
F.B. 3166 - 114
1225.15'
LINE PG. 115
HASLEY CN. ROAD
RO. SF.
PROP. INT. OF CO. RD.
DEPT. RO. LINE
F.B. 3166 - 90 - 112 - 115
LG. BT. SPK. W. &
TIN.
1.73'
INT. RO. LINE & PROP.
CENTER LINE
F.B. 3166 - 115
SQ. SPK.

Notes Ck'd by	Survey of W.W. DIST. Nº 36	F. B. 3195 PG. 61
Map No.	JN 5367.16 Tape 172 Std 84 °F	
Office Work	Surveyed by L. V. SMITH	
Checked	Notes L. V. S. Date 3-65	
Date	Indexed C. J. CALL JUL 8 '65	

WATERWORKS DISTRICT Nº 36
VAL VERDE

J.N. 5367.16

MARCH 1965

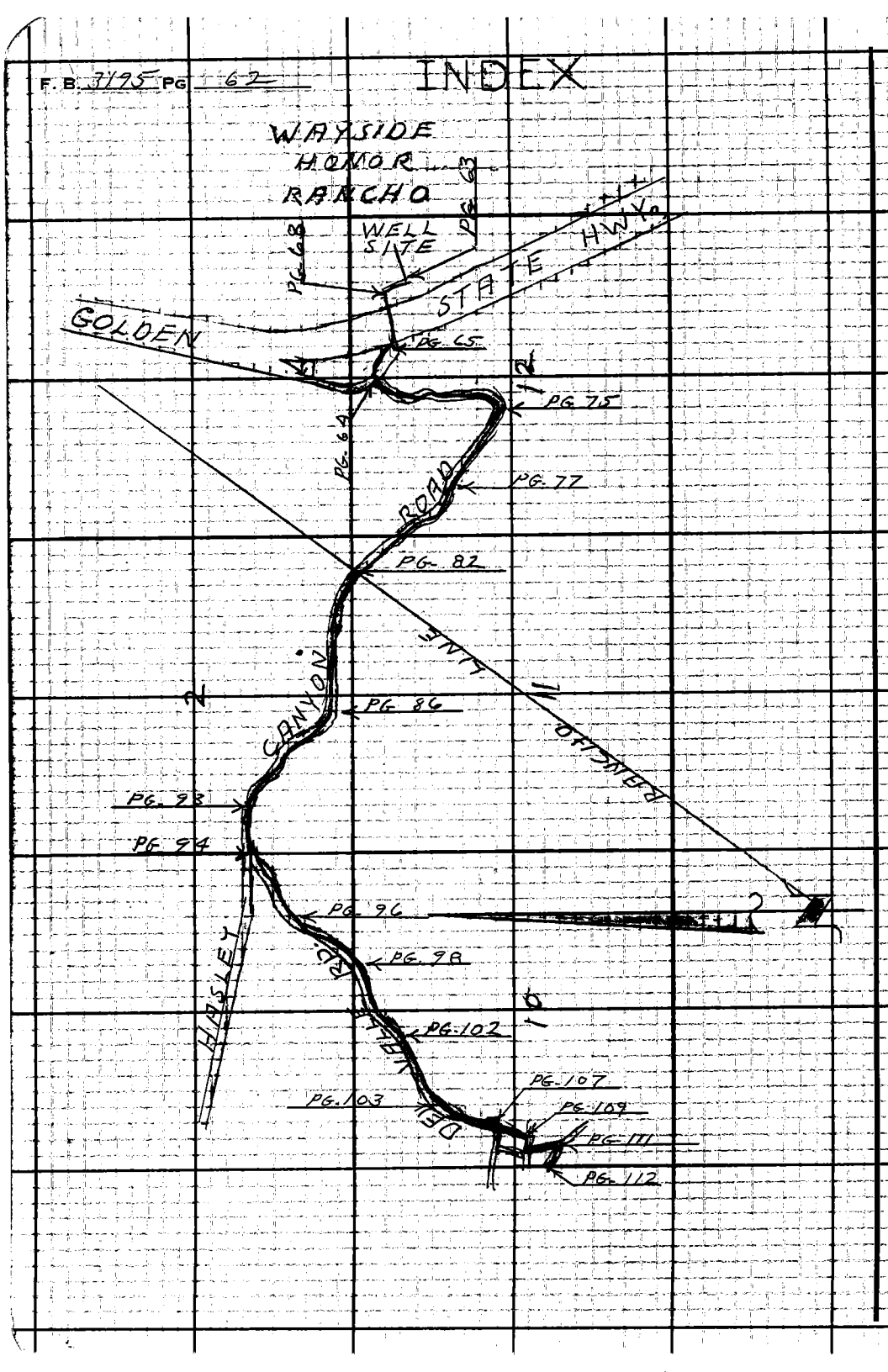
STAKING FOR 8" WATERLINE FROM WELL SITE AT HONOR FARM WLY ON HASLEY CÑ. ROAD & DEL VALLE ROAD TO VAL VERDE

REF.
F.B. 3195
F.B. 3166

PARTY
L. V. SMITH
J. M. MALDONADO
M. E. WACKER
E. M. GOSHORN

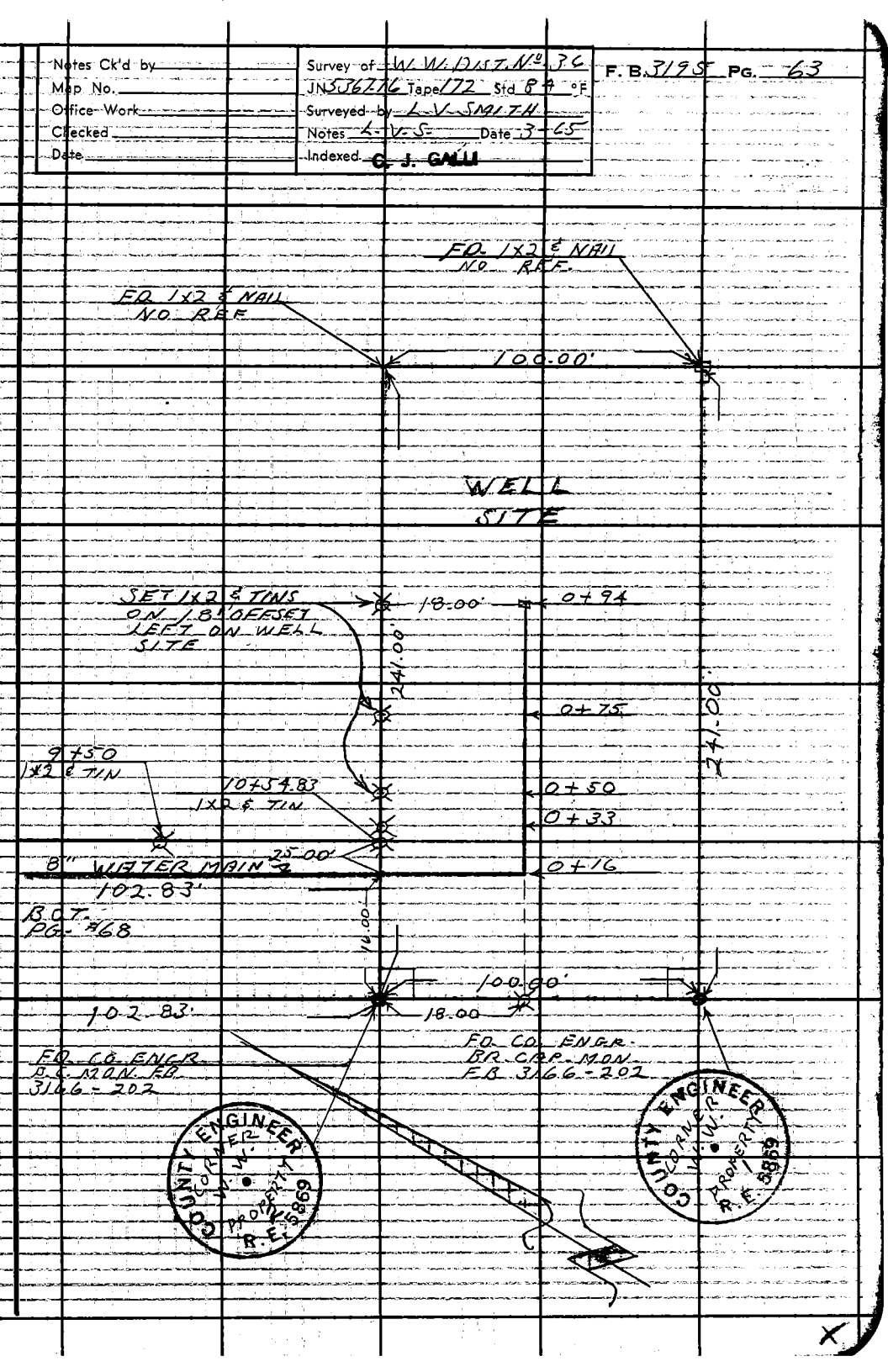
F. B. 3195 PG 62

INDEX

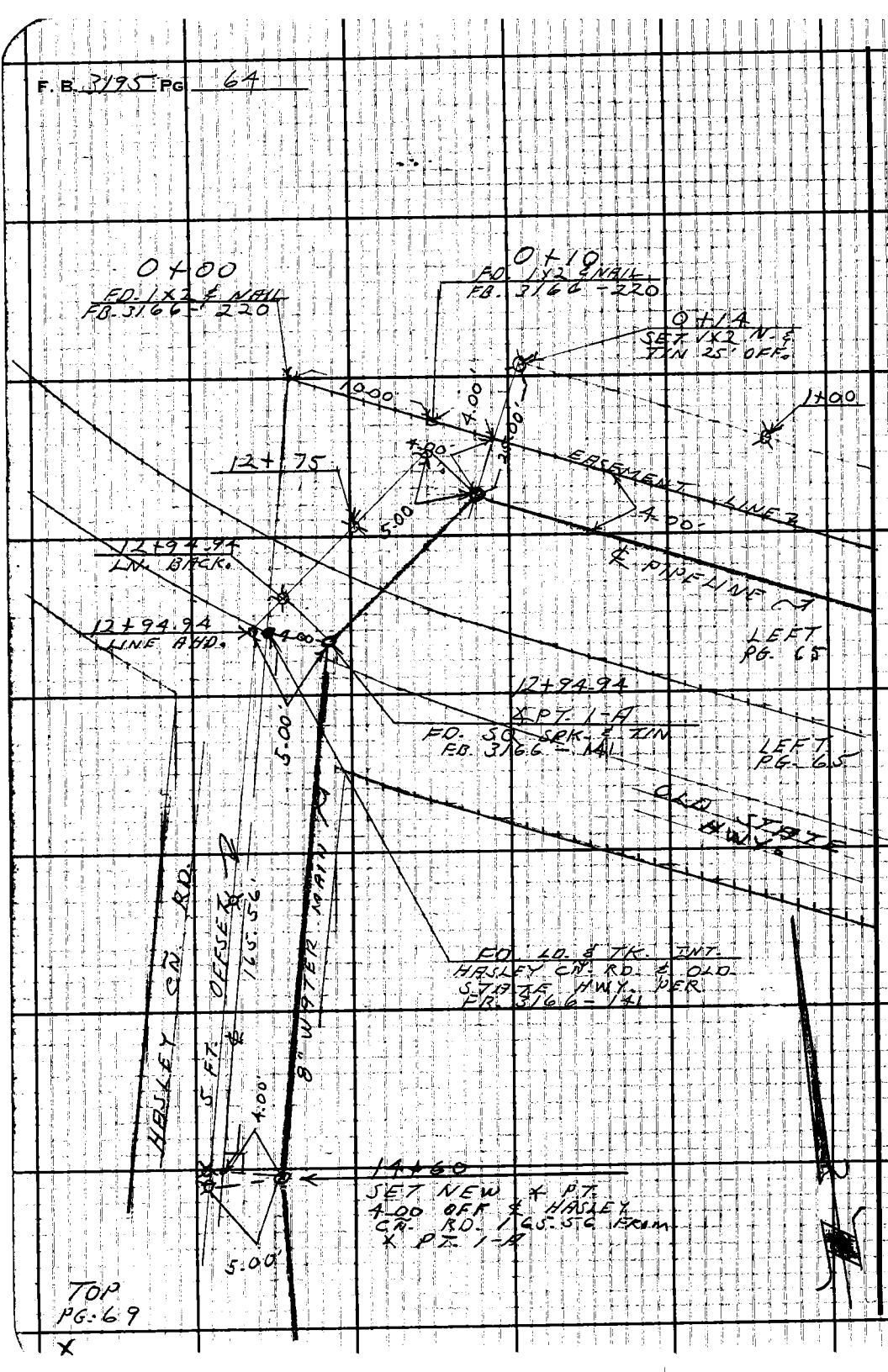


Notes Ck'd by	Survey of W. W. DIST. Nº 36
Map No.	JN 536776 Tape 172 Std 84 °F
Office Work	Surveyed by L. V. SMITH
Checked	Notes L. V. S. Date 3-65
Date	Indexed C. J. GALLI

F. B. 3195 PG. 63



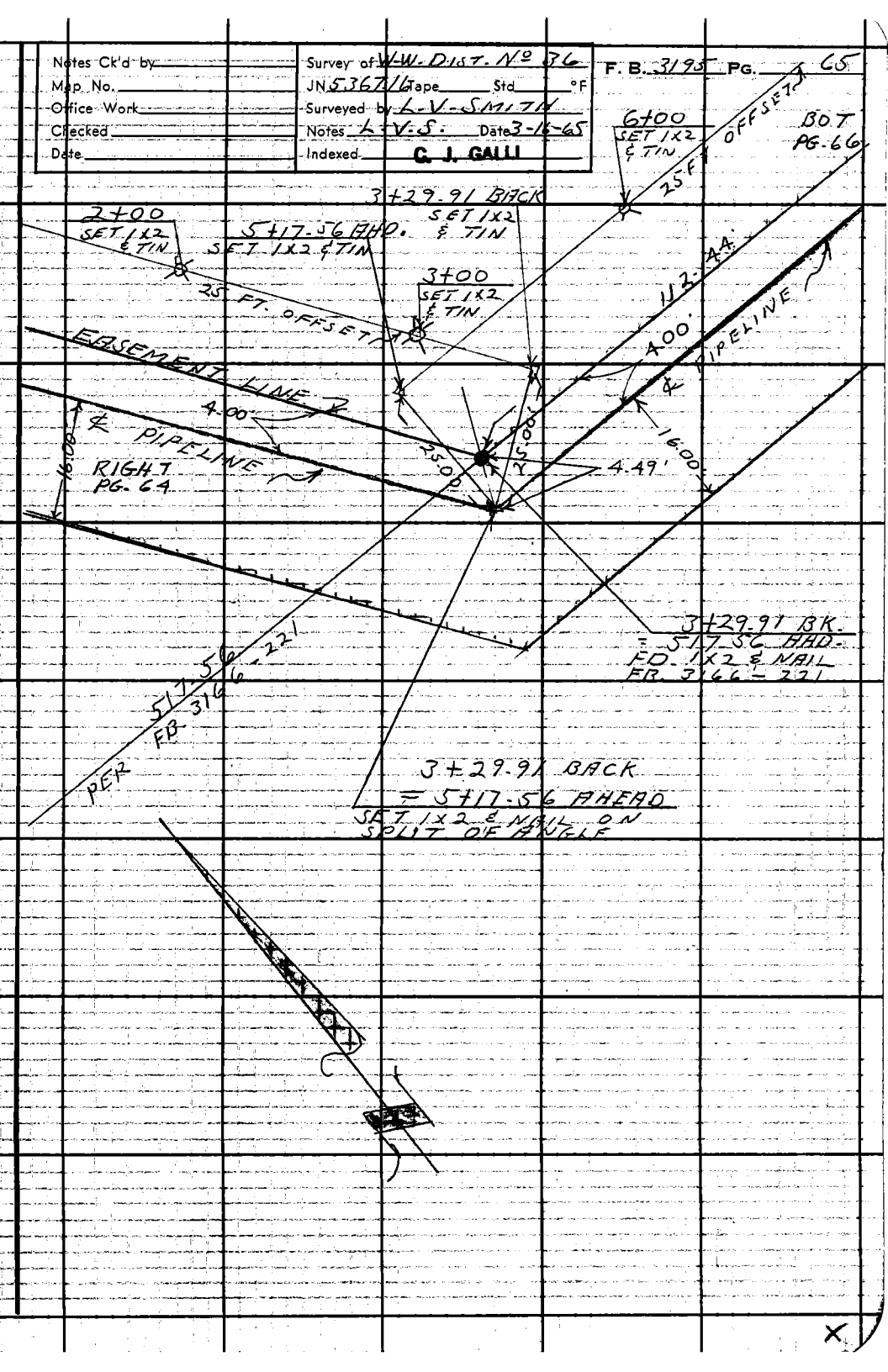
F. B. 3195 PG 64

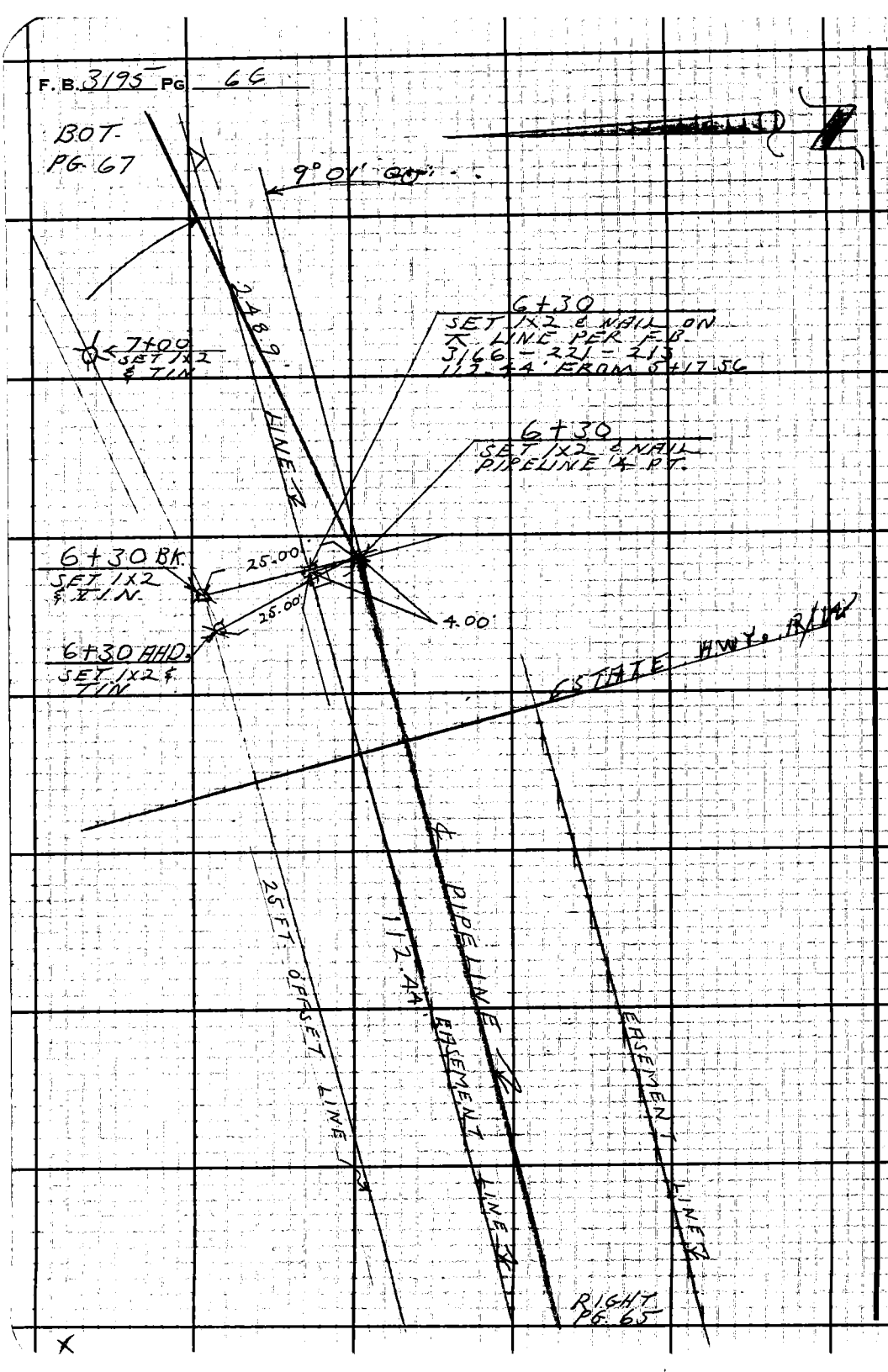


0+00
FD. 1X2 & NAIL
FB. 3166-220
0+10
FD. 1X2 & NAIL
FB. 3166-220
0+14
SET 1X2 N. & TIN 25' OFF.
1+00
10.00
4.00
25.00
4.00
12+75
5.00
EASEMENT LINE
4.00
12+94.94
LN. BACK.
℄ PIPELINE
12+94.94
LINE AHD.
4.00
LEFT PG. 65
12+94.94
X PT. 1-A
FD. SQ. SPK. & TIN
FB. 3166-141
5.00
LEFT PG. 65
OLD STATE HWY.
HASLEY CN. RD.
5 FT. OFFSET
165.56
8" WATER MAIN
FD. LD. & TK. INT.
HASLEY CN. RD. & OLD STATE HWY. PER
FB. 3166-141
4.00
14+60
SET NEW X PT.
4.00 OFF ℄ HASLEY CN. RD. 165.56 FROM X PT. 1-A
5.00
TOP PG. 69
X

Notes Ck'd by	Survey of W-W. DIST. Nº 76
Map No.	JN 5367/6 Tape Std °F
Office Work	Surveyed by L-V-SMITH
Checked	Notes L.V.S. Date 3-16-65
Date	Indexed C. J. GALLI

F. B. 3195 PG. 65

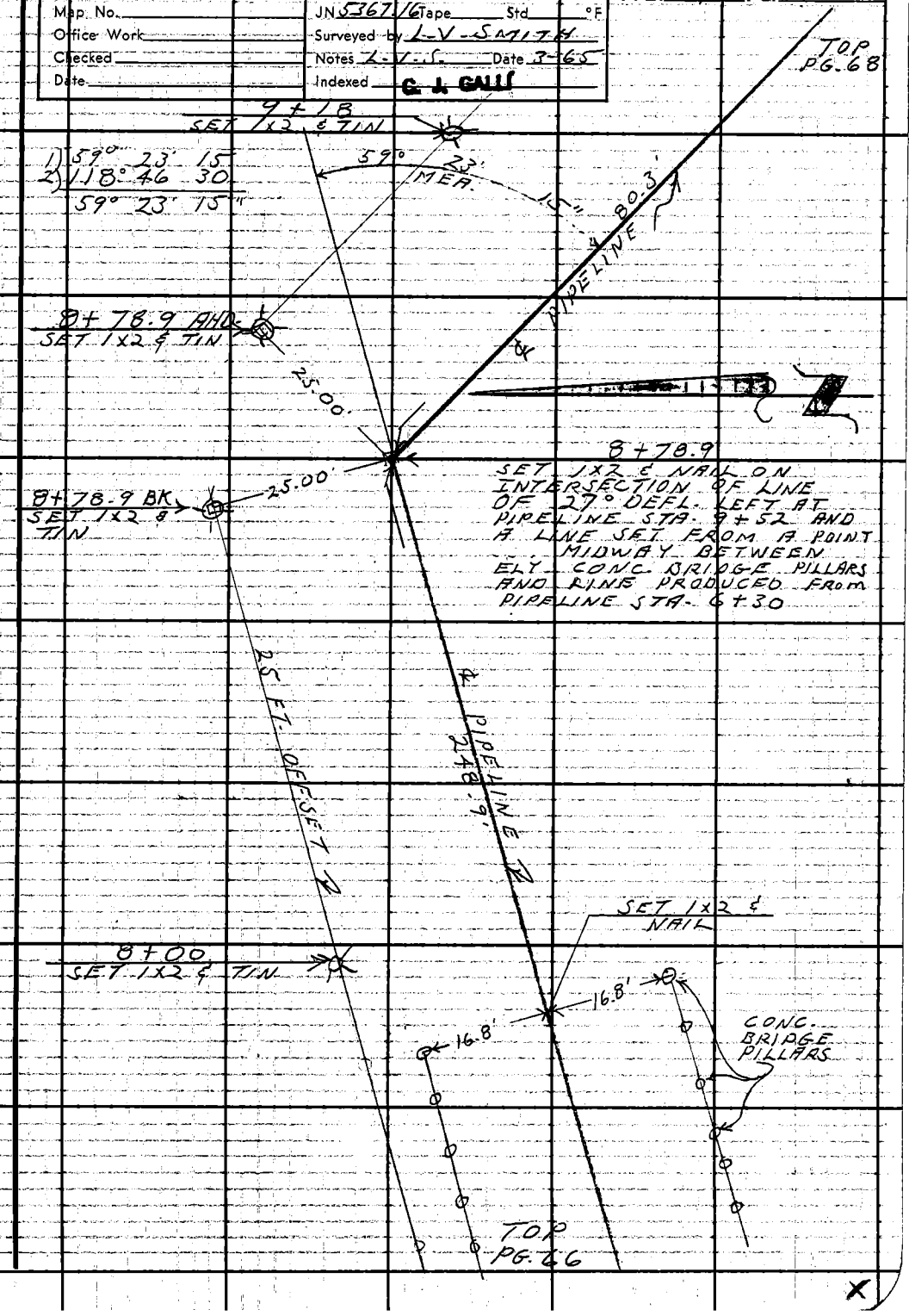



F. B. 3195 PG 66
BOT. PG 67
9° 01' 00"
248.9' LINE
7+00 SET 1X2 & TIN
6+30 SET 1X2 & NAIL ON ⊼ LINE PER F.B. 3166 - 221 - 213 112.44' FROM 5+17.56
6+30 SET 1X2 & NAIL PIPELINE ¼ PT.
6+30 BK. SET 1X2 & TIN
25.00'
25.00'
4.00'
6+30 AHD. SET 1X2 & TIN
STATE HWY. R/W
25 FT. OFFSET LINE
112.44' EASEMENT LINE
PIPELINE
EASEMENT LINE
RIGHT PG. 65

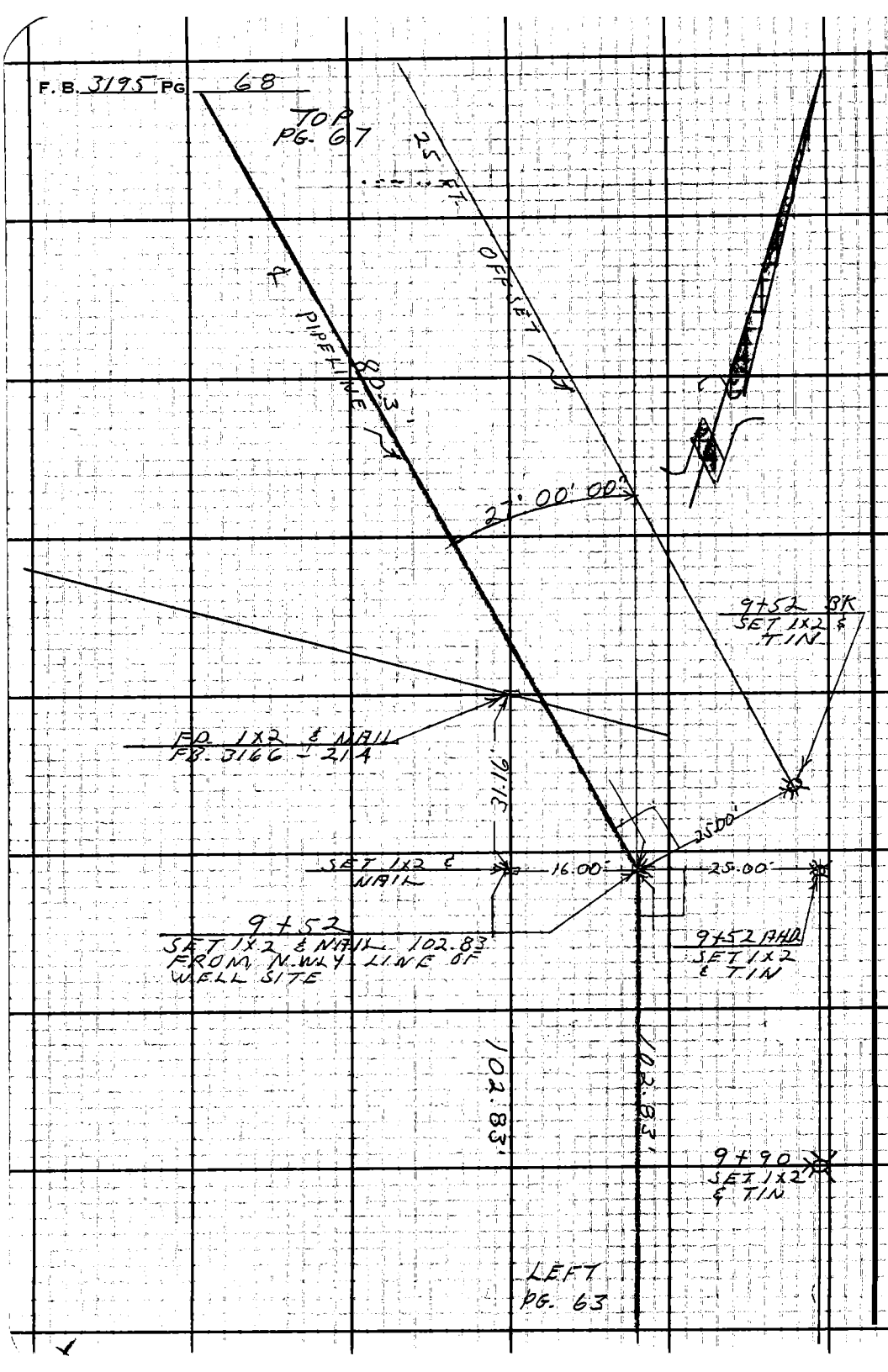
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of N-W-DIST. Nº 36
JN 5367.16 Tape Std °F
Surveyed by L-V-SMITH
Notes L.V.S. Date 3-65
Indexed G. J. GALLI

F. B. 3195 PG. 67

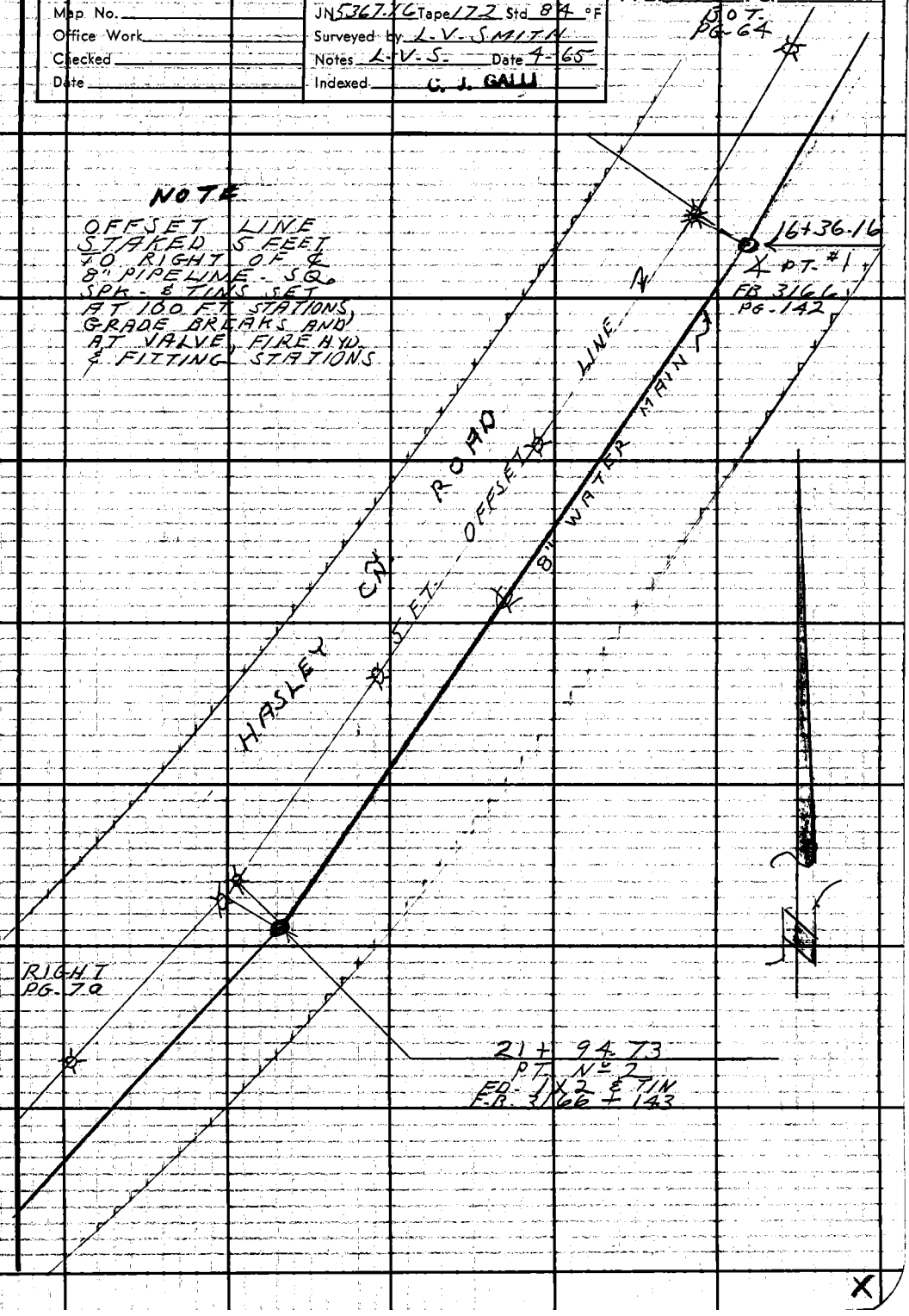


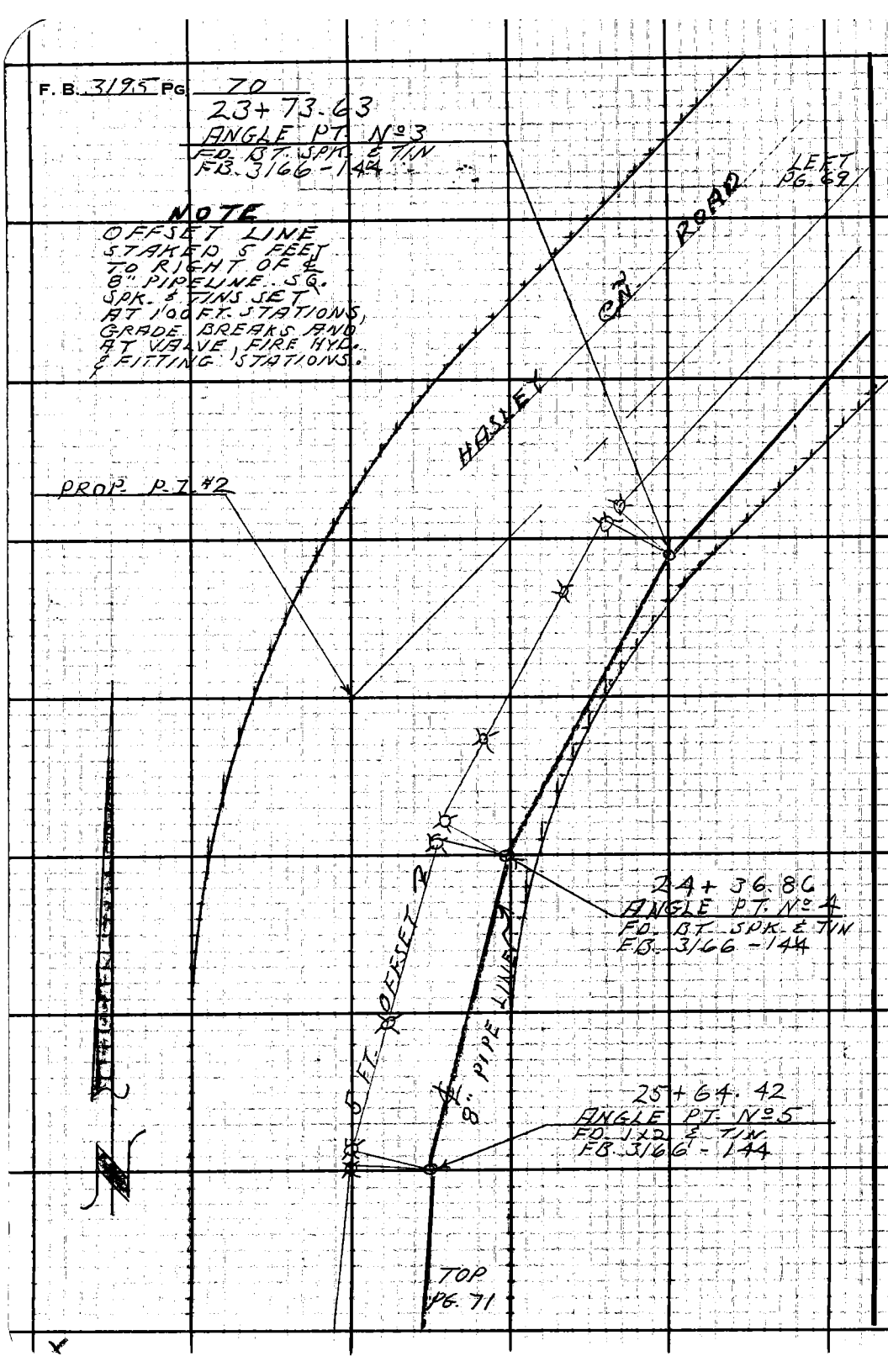
F. B. 3195 PG 68


TOP
PG. 67
25 FT.
OFFSET
℄ PIPELINE
80.3'
2°00'00"
9+52 BK
SET 1X2 &
TIN
FD 1X2 & NAIL
FB. 3166 - 214
91.13'
25.00'
SET 1X2 &
NAIL
16.00'
25.00'
9+52
SET 1X2 & NAIL 102.83'
FROM N.WLY LINE OF
WELL SITE
9+52 AHD
SET 1X2
& TIN
102.83'
102.83'
9+90
SET 1X2
& TIN
LEFT
PG. 63

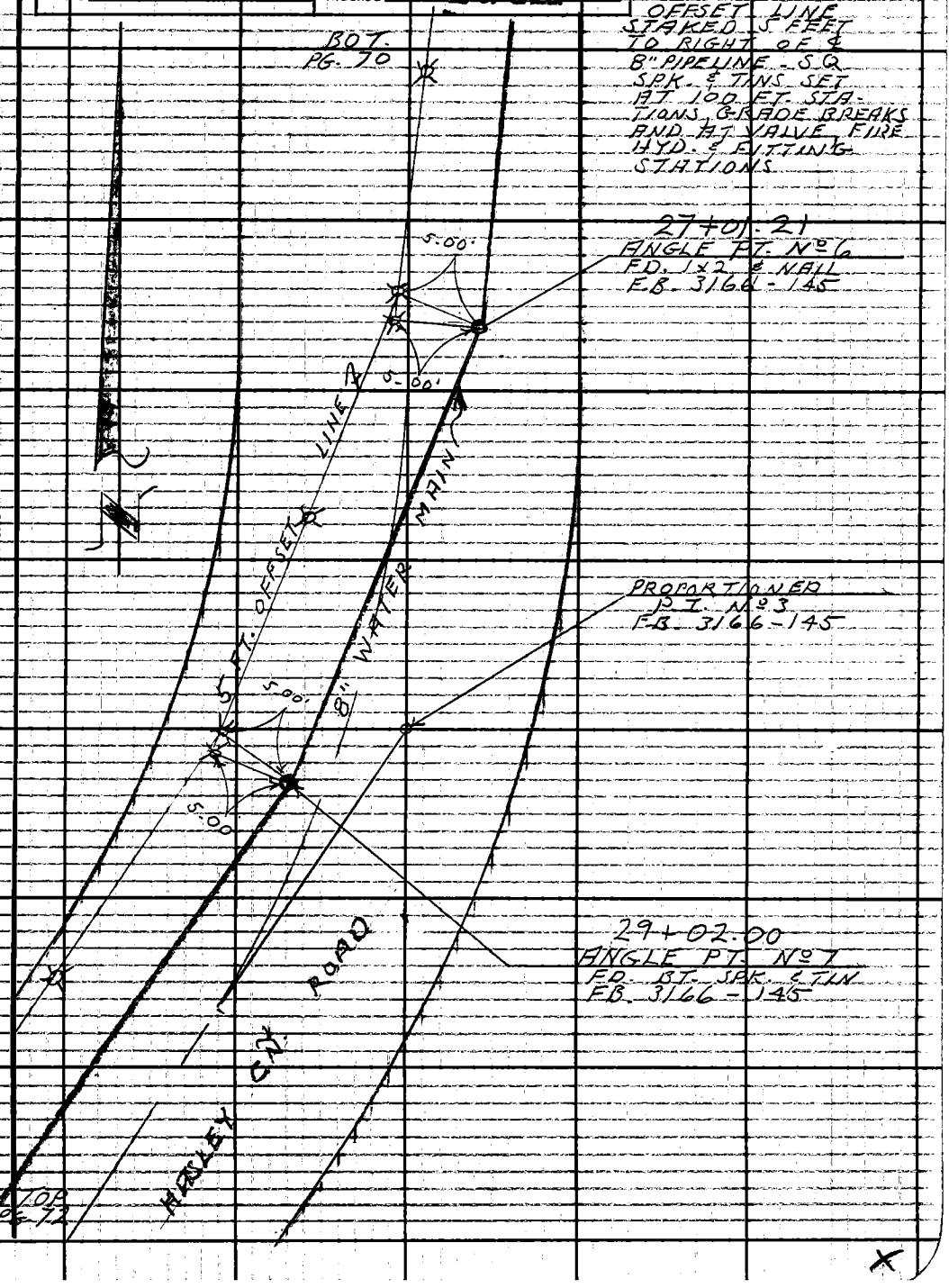
Notes Ck'd by	Survey of W.W. DIST. Nº 3L
Map No.	JN 5367.16 Tape 172 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 4-65
Date	Indexed C. J. GALLI

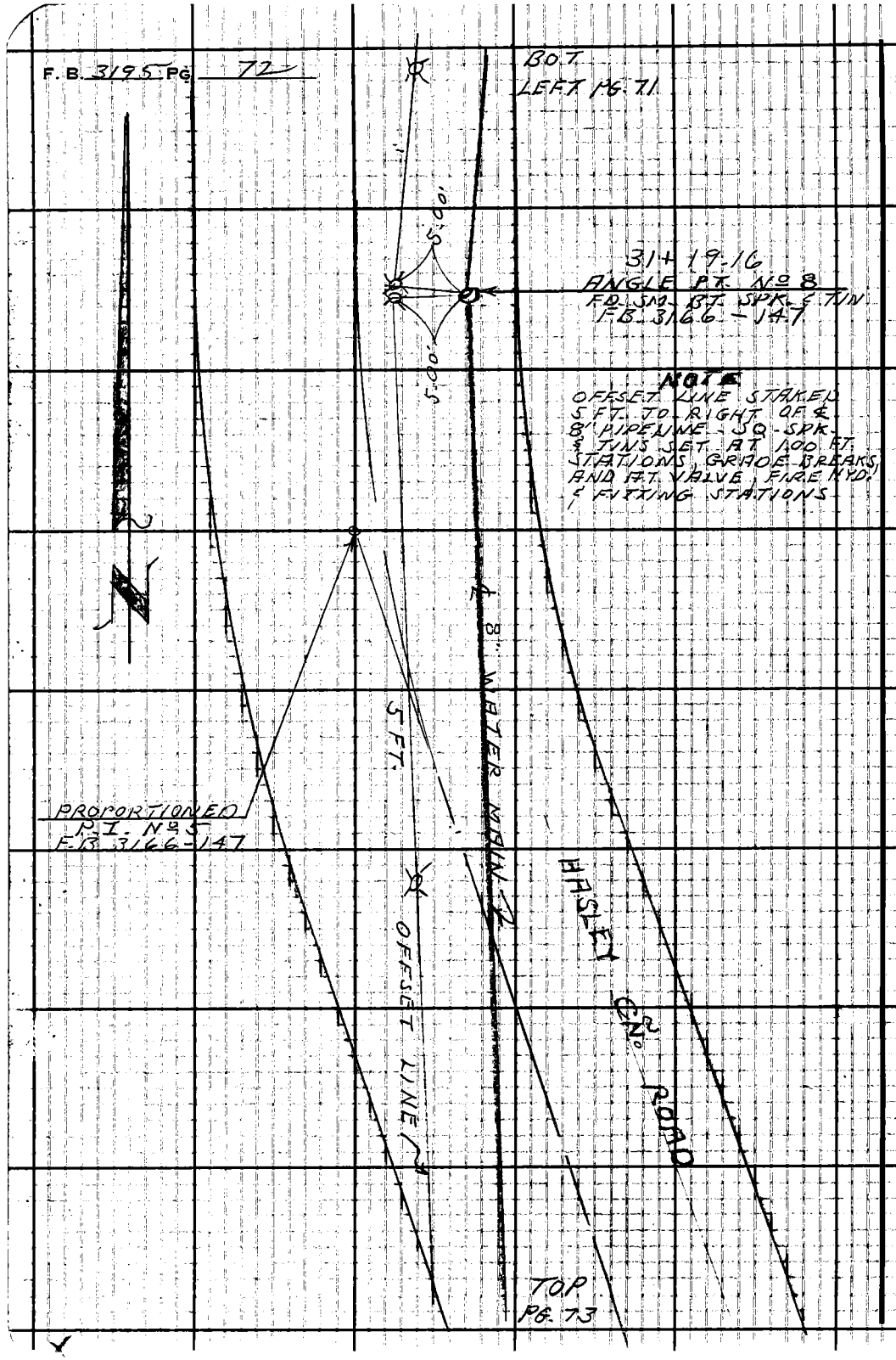
F. B. 3195 PG. 69




F. B. 3195 PG 70
23+73.63
ANGLE PT. No 3
FD. BT. SPK. & TIN
FB. 3166-144
NOTE
OFFSET LINE STAKED 5 FEET TO RIGHT OF ℄ 8" PIPELINE. SQ. SPK. & TINS SET AT 100 FT. STATIONS, GRADE BREAKS AND AT VALVE, FIRE HYD. & FITTING STATIONS.
LEFT PG. 69
HASLEY CN ROAD
PROP. P.I. #2
24+36.86
ANGLE PT. No 4
FD. BT. SPK. & TIN
FB. 3166-144
5 FT. OFFSET
8" PIPE LINE
25+64.42
ANGLE PT. No 5
FD. 1x2 & TIN
FB. 3166-144
TOP PG. 71

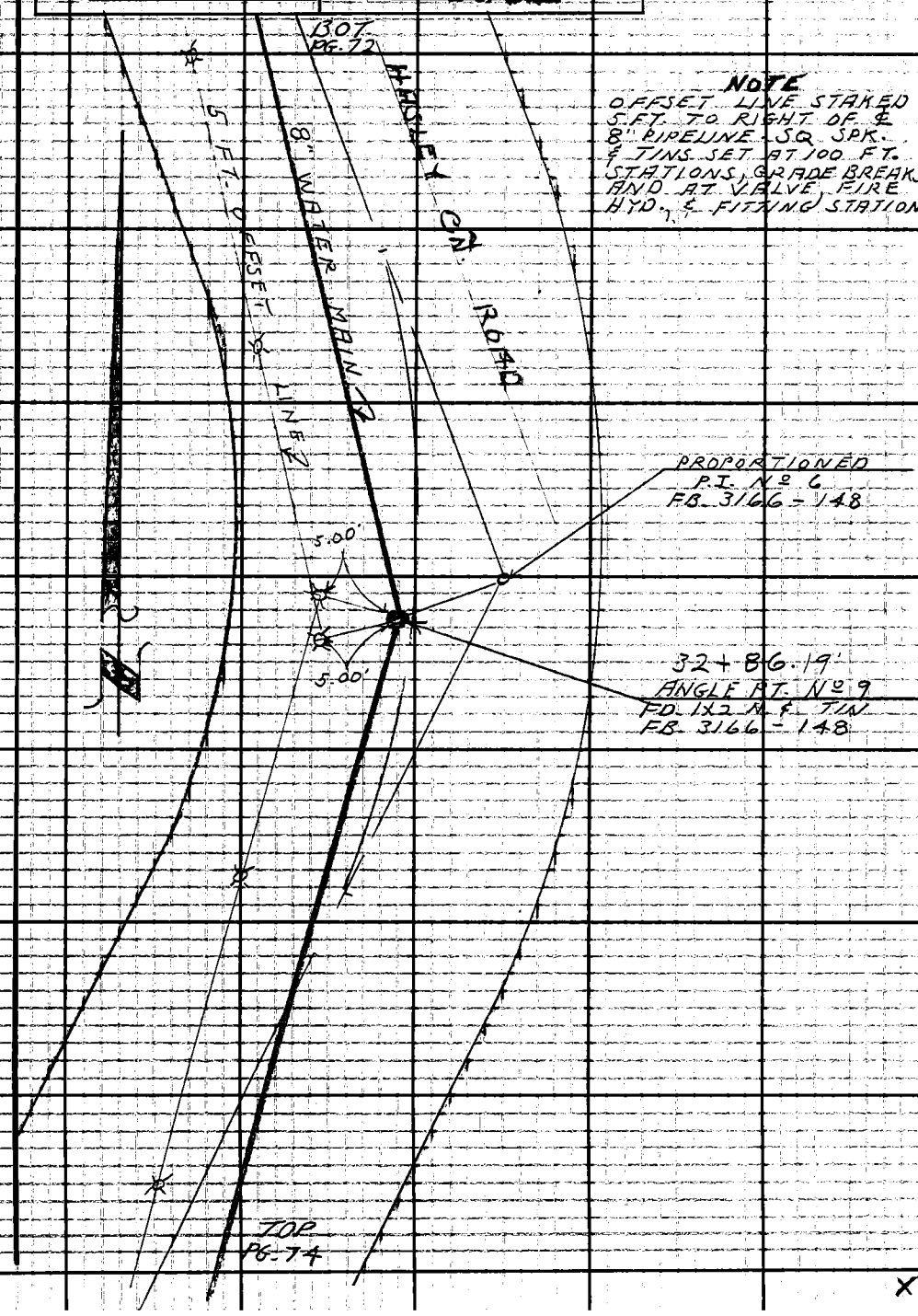
Notes Ck'd by	Survey of W.W. DIST. Nº 36	F.B. 3195 PG. 71
Map No.	JN 5367-16 Tape 172 Std 84 °F	
Office Work	Surveyed by L. V. SMITH	
Checked	Notes I. V. S. Date 3-65	
Date	Indexed C. J. GALLI	




F. B. 3195 PG 72
BOT
LEFT PG. 71
5.00'
5.00'
31+19.16
ANGLE PT. No 8
FD. SM. BT. SPK. & TIN
F.B. 3166 - 147
NOTE
OFFSET LINE STAKED
5 FT. TO RIGHT OF ℄
8" PIPELINE - SQ. SPK.
& TINS SET AT 100 FT.
STATIONS, GRADE BREAKS,
AND AT VALVE, FIRE HYD.
& FITTING STATIONS
℄ 8" WATER MAIN ℄
5 FT.
PROPORTIONED
P.I. No 5
F.B. 3166-147
OFFSET LINE
HASLEY CN. ROAD
TOP
PG. 73

Notes Ck'd by	Survey of W.W. DIST. Nº 36
Map No.	JN 536716 Tape 172 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 3-65
Date	Indexed C. S. GALLI

F. B. 3195 PG. 73



NOTE
OFFSET LINE STAKED 5 FT. TO RIGHT OF ℄ 8" PIPELINE. SQ. SPK. & TINS SET AT 100 FT. STATIONS, GRADE BREAKS, AND AT VALVE, FIRE HYD., & FITTING STATIONS.

PROPORTIONED P.I. Nº 6
F.B. 3166 - 148

32+86.19
ANGLE PT. Nº 9
FD. 1X2 N.F. TIN
F.B. 3166 - 148

F. B. 3195 PG 74

BOT. PG. 73

HASLEY CN. ROAD

NOTE
OFFSET LINE STAKED
5 FT. TO RIGHT OF ℄
8" PIPELINE. SQ SPK.
& TINS SET AT 100
FT. STATIONS, GRADE
BREAKS, END AT VALVE
FIRE HYD. & FITTING
STATIONS.

500

36+16.14
ANGLE PT. No 10
FD. SM. BT. SPK.
& TIN F.B. 3166-149

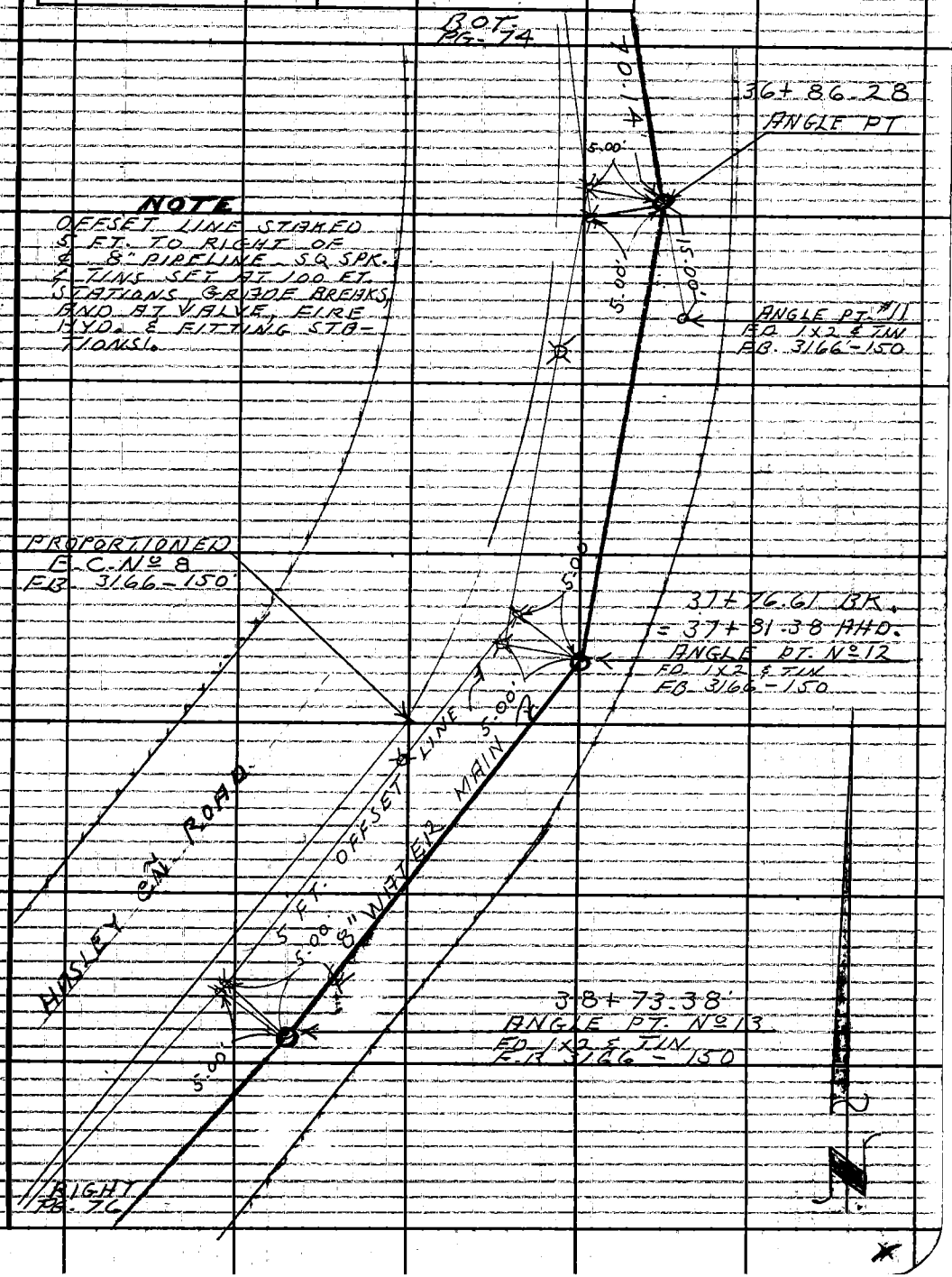
500

5 FT. OFFSET

70.14'
8" WATER MAIN

TOP
PG. 75

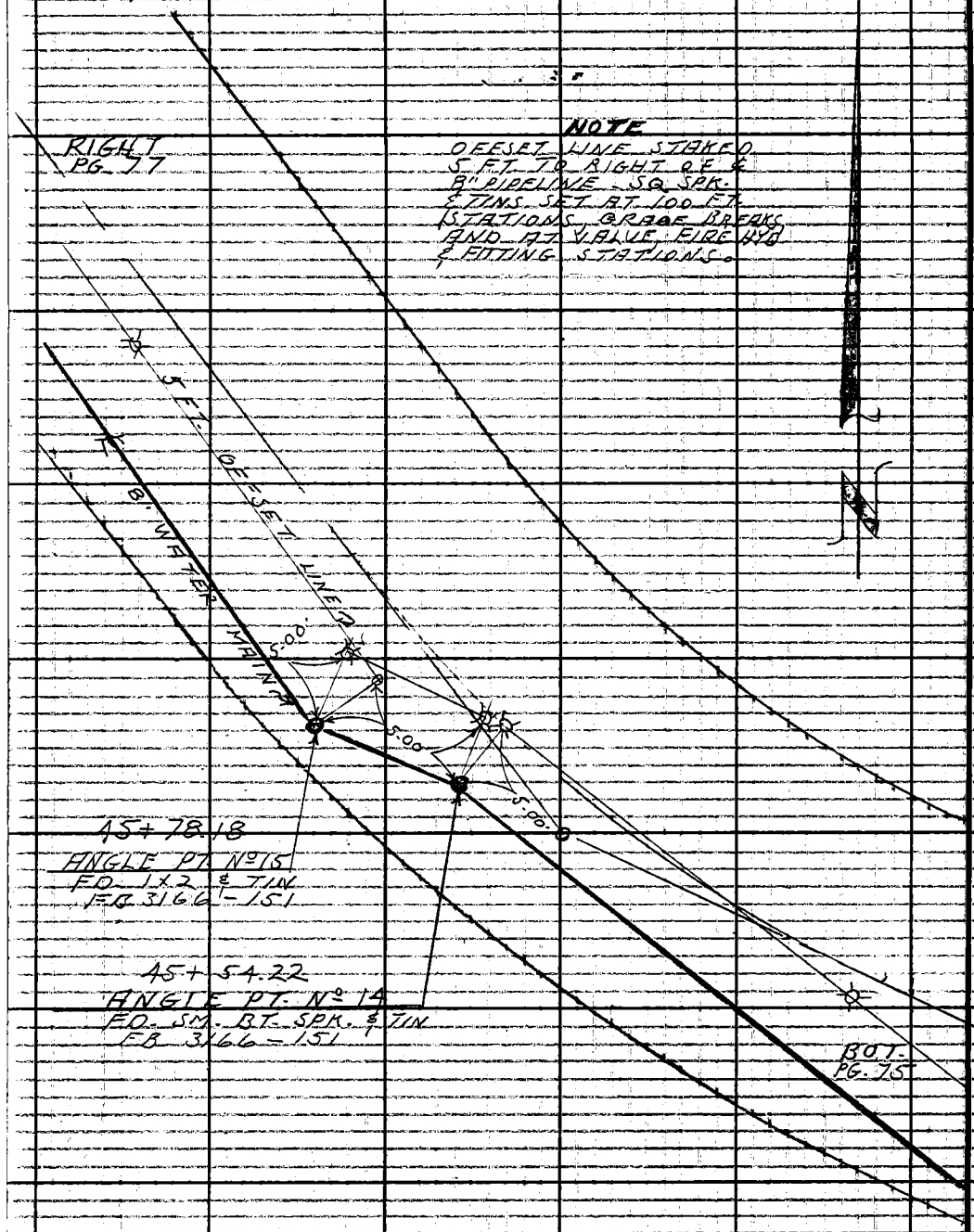
Notes Ck'd by	Survey of W.W. DIST. Nº 36	F. B. 3195 Pg. 75
Map No.	JN 5367.16 Tape 172 Std 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes L.V.S. Date 3-65	
Date	Indexed G. L. GALLI	



F.B. 3195 PG. 76

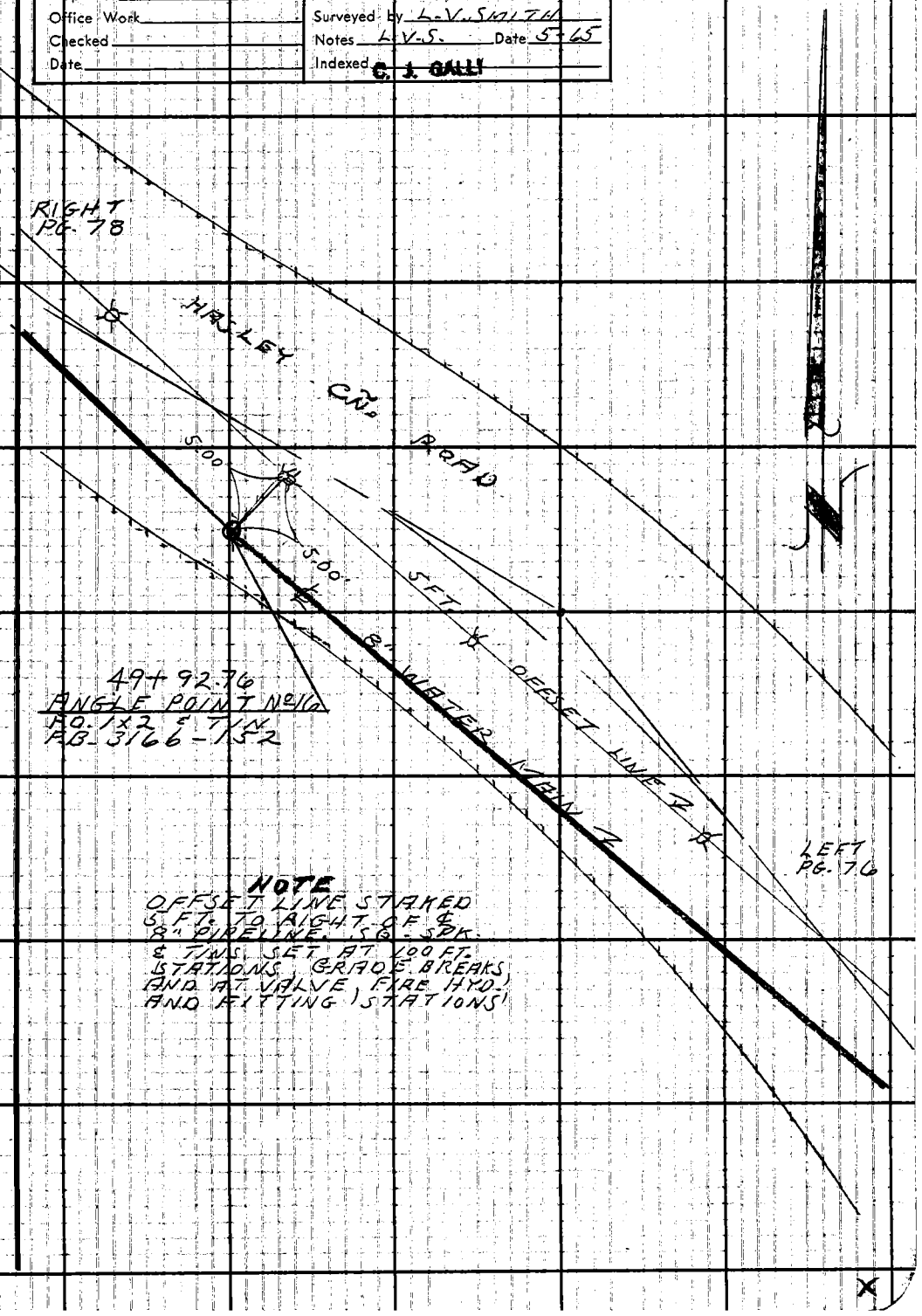
RIGHT
PG. 77

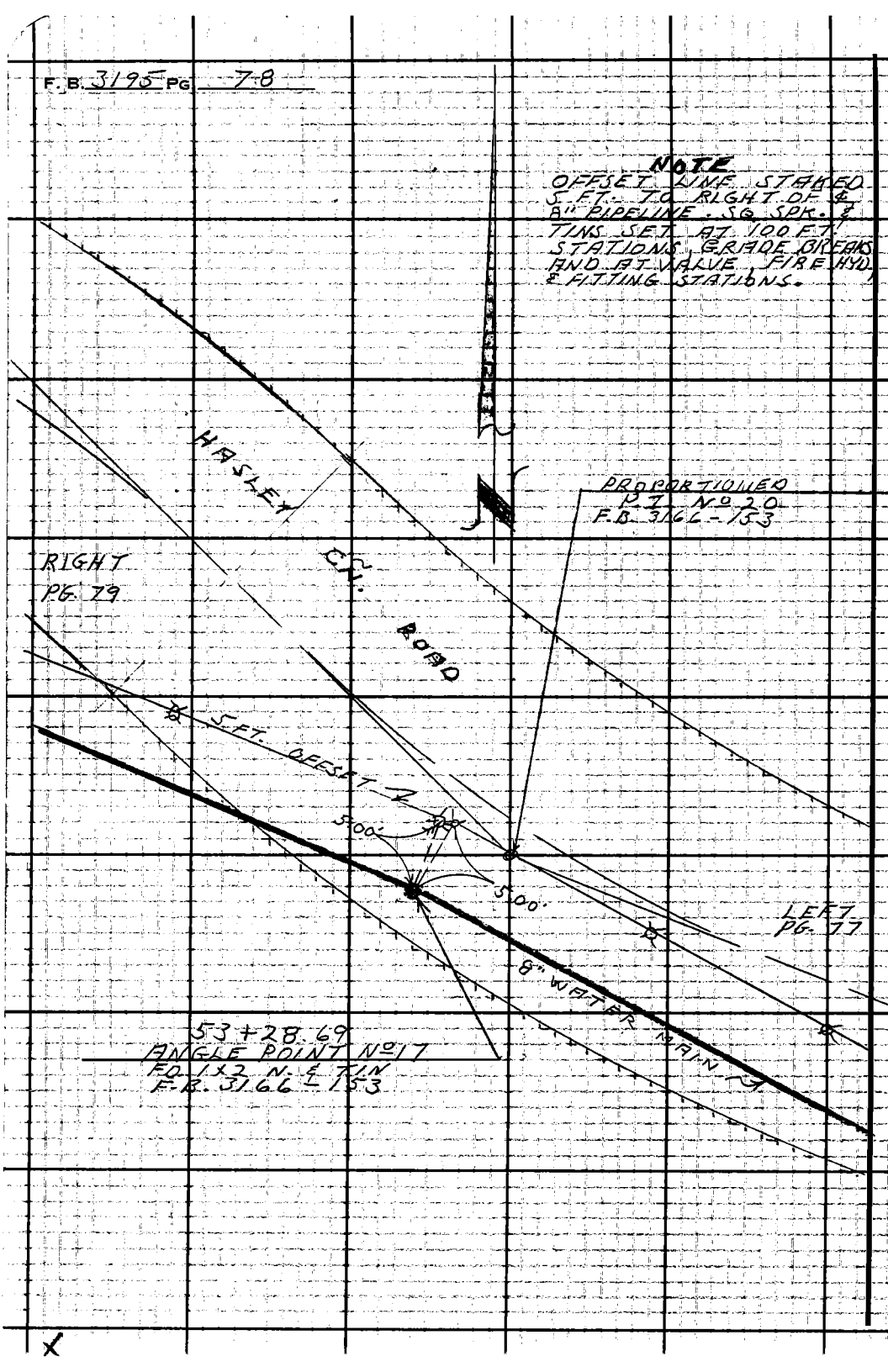
NOTE
OFFSET LINE STAKED
5 FT. TO RIGHT OF &
8" PIPELINE. SQ. SPK.
& TINS SET AT 100 FT.
STATIONS, GRADE BREAKS
AND AT VALVE, FIRE HYD
& FITTING STATIONS.



Notes Ck'd by	Survey of W.W. DIST. No 36
Map No.	JN 5367.16 Tape 172 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 5-65
Date	Indexed C. J. GALLI

F. B. 3195 PG. 77



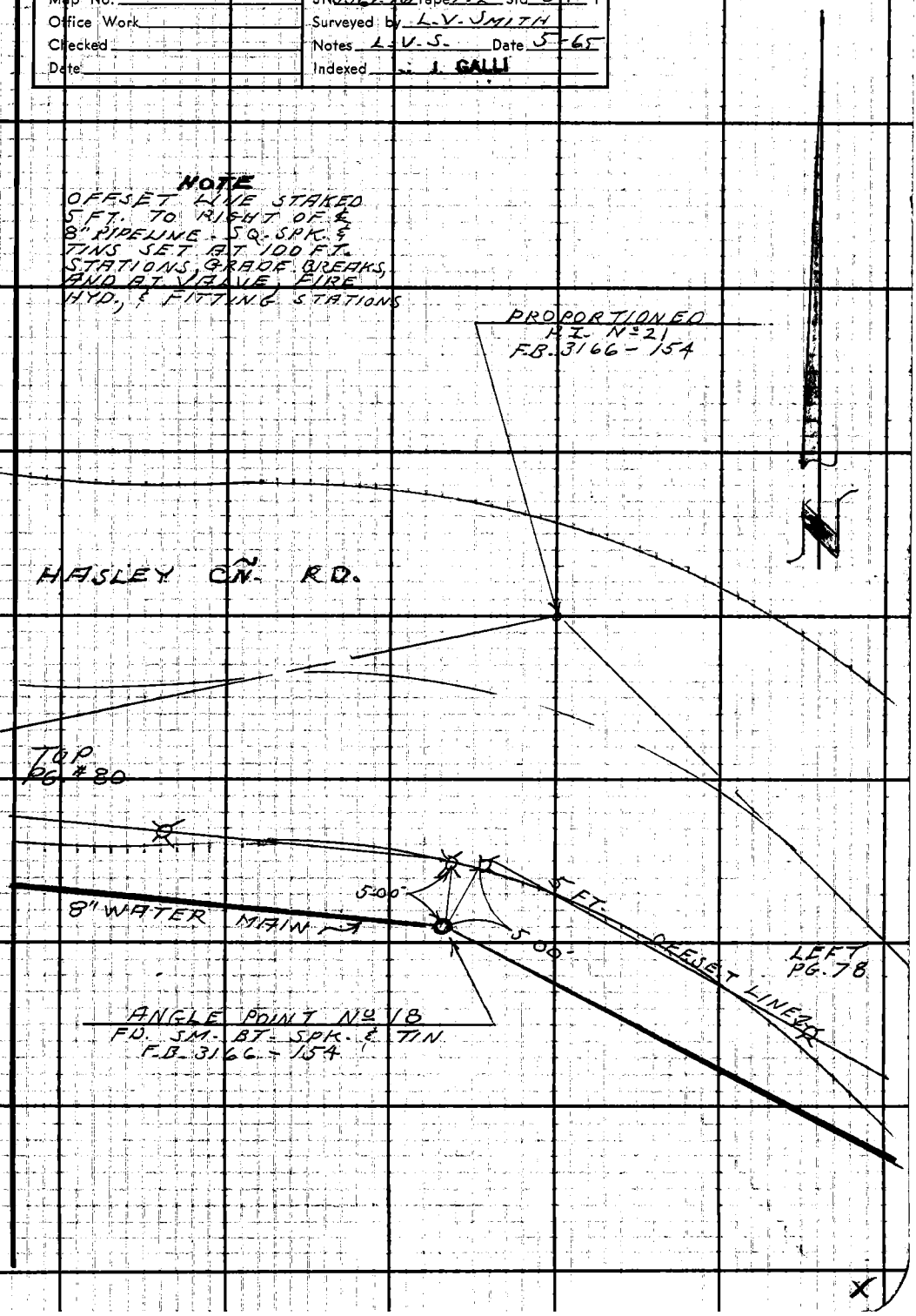

F.B. 3195 PG 78
NOTE
OFFSET LINE STAKED 5 FT. TO RIGHT OF ℄ 8" PIPELINE. SQ. SPK. & TINS SET AT 100 FT. STATIONS, GRADE BREAKS AND AT VALVE, FIRE HYD. & FITTING STATIONS.
HASLEY CN. ROAD
PROPORTIONED P.I. No 20 F.B. 3166-153
RIGHT PG. 79
5 FT. OFFSET
5.00'
5.00'
LEFT PG. 77
8" WATER MAIN
53+28.69
ANGLE POINT No 17
FD. 1x2 N. & TIN
F.B. 3166-153
X

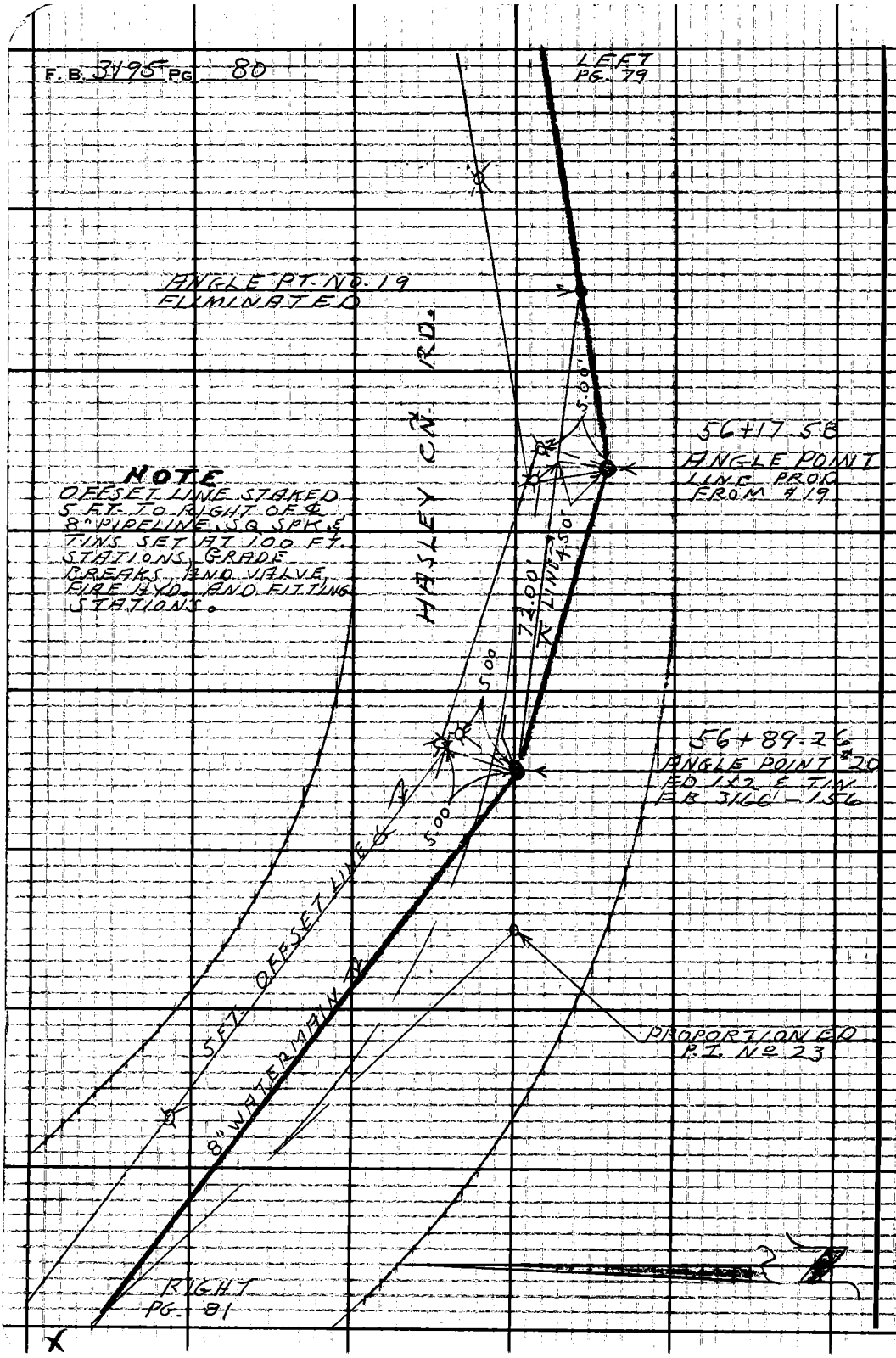
Notes Ck'd by	Survey of W.W. DIST. Nº 36
Map No.	JN 5767.16 Tape 172 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 5-65
Date	Indexed J. GALLI

F. B. 3195 PG. 79

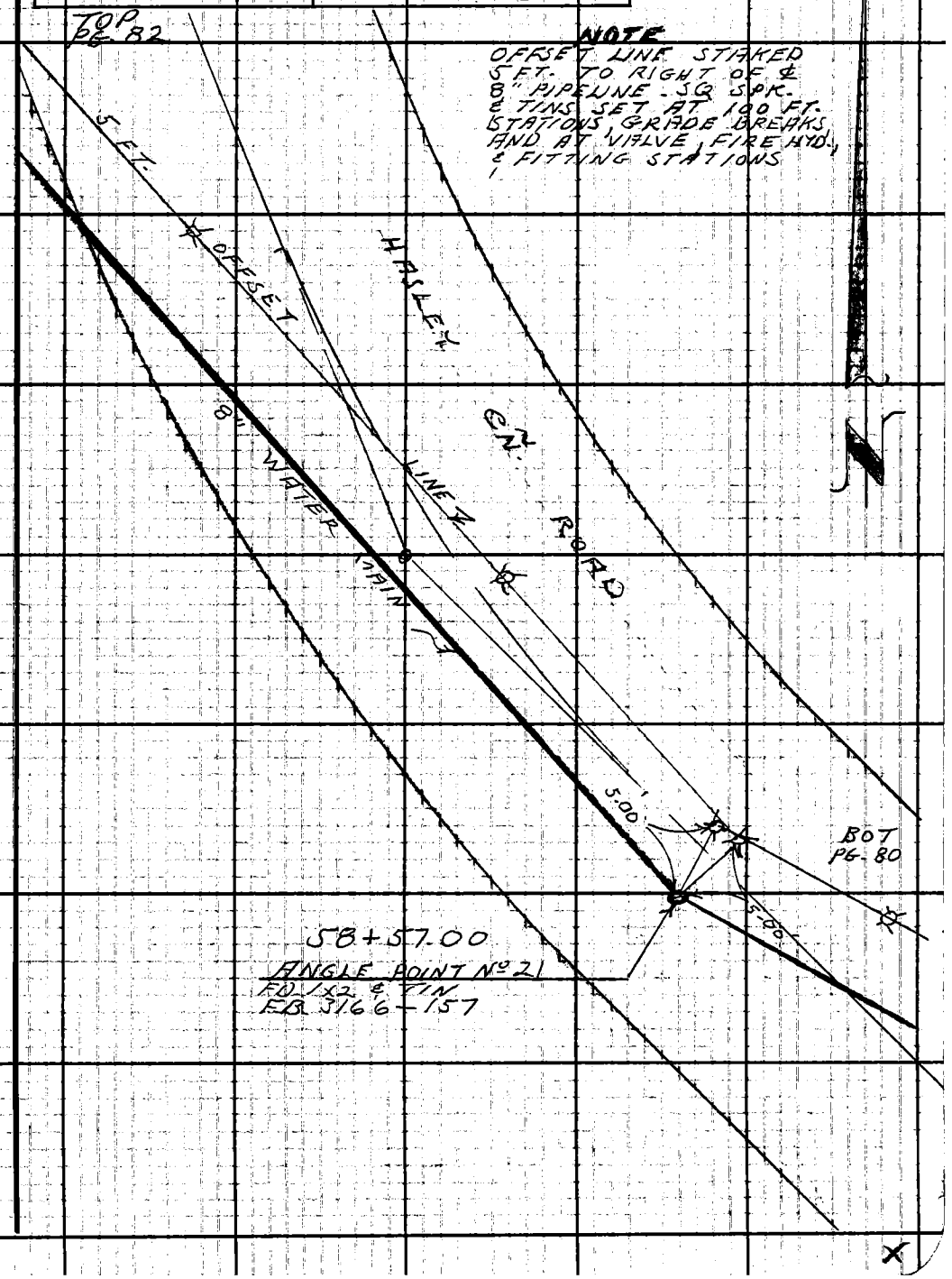
NOTE
OFFSET LINE STAKED
5 FT. TO RIGHT OF ℄
8" PIPELINE - SQ. SPK. &
TINS SET AT 100 FT.
STATIONS, GRADE BREAKS,
AND AT VALVE, FIRE
HYD., & FITTING STATIONS

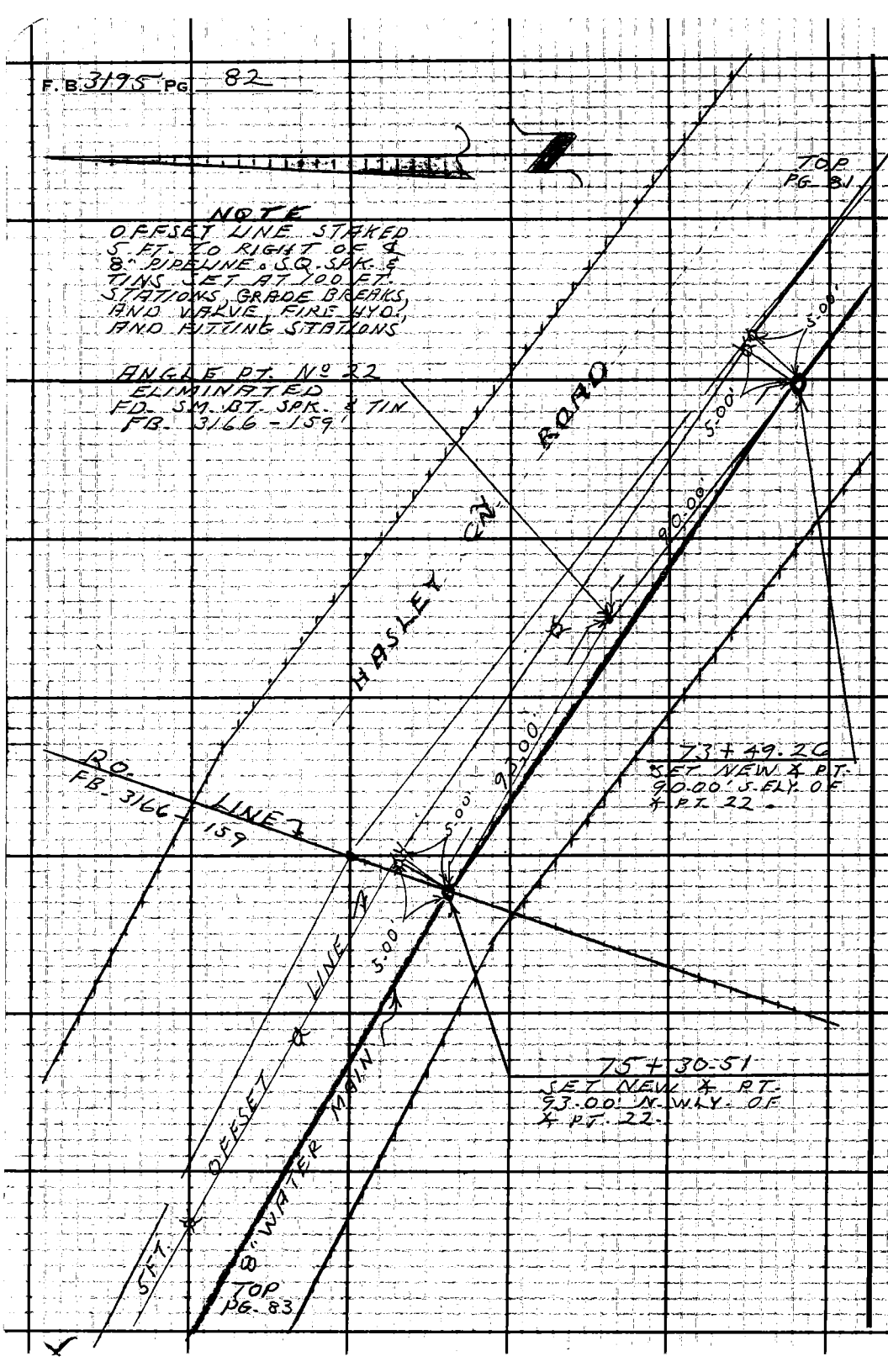
PROPORTIONED
P.I. Nº 21
F.B. 3166 - 154




F.B. 3195 PG. 80
LEFT PG. 79
ANGLE PT. NO. 19 ELIMINATED
HASLEY CN. RD.
5.00'
56+17.58
ANGLE POINT
LINE PROD FROM #19
NOTE
OFFSET LINE STAKED 5 FT. TO RIGHT OF ℄ 8" PIPELINE, SQ. SPK. & TINS SET AT 100 FT. STATIONS, GRADE BREAKS, AND VALVE, FIRE HYD. AND FITTING STATIONS.
72.00'
LINE 450'
5.00
56+89.26
ANGLE POINT #20
FD 1x2 & TIN
FB 3166-156
5.00
5 FT. OFFSET LINE
8" WATERMAIN
PROPORTIONED P.I. No 23
RIGHT PG. 81

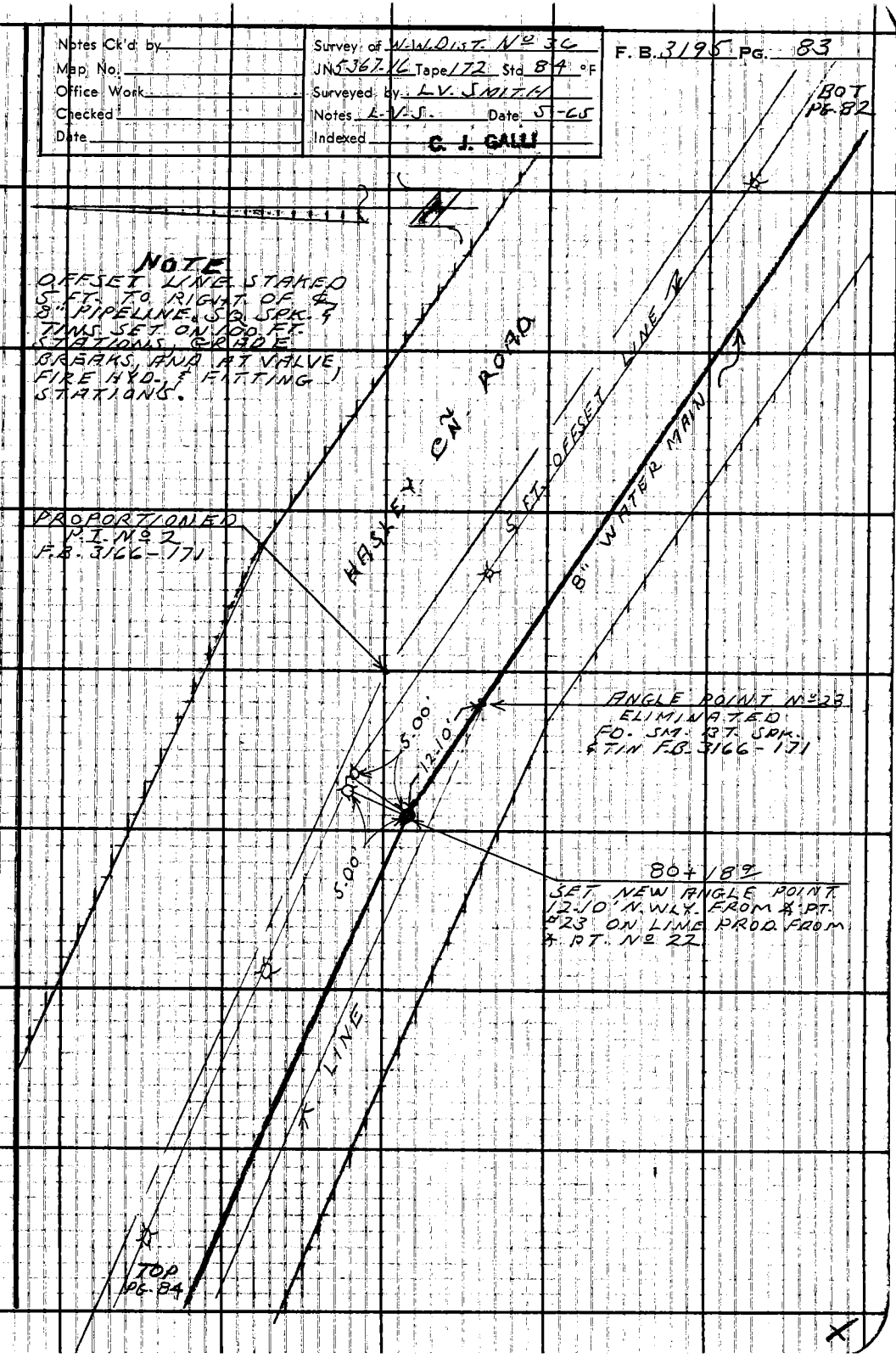
Notes Ck'd by	Survey of N.W.-DIST. Nº 36	F. B. 3195 PG. 81
Map No.	JN 5367 1/6 Tape 172 Std 84 °F	
Office Work	Surveyed by L-V-SMITH	
Checked	Notes L-V-S. Date 5-65	
Date	Indexed C. J. GALLI	




F.B. 3195 PG 82
NOTE
OFFSET LINE STAKED
5 FT. TO RIGHT OF ℄
8" PIPELINE. SQ. SPK. &
TINS SET AT 100 FT.
STATIONS, GRADE BREAKS,
AND VALVE, FIRE HYD.,
AND FITTING STATIONS
ANGLE PT. No 22
ELIMINATED
FD. SM. BT. SPK. & TIN
FB. 3166 - 159'
TOP
PG. 81
HASLEY CN. ROAD
5.00'
5.00'
90.00'
93.00'
5.00'
5.00'
73 + 49.26
SET NEW ∡ PT.
90.00' S. ELY. OF
∡ PT. 22.
RO. LINE
FB. 3166 - 159
75 + 30.51
SET NEW ∡ PT.
93.00' N. WLY. OF
∡ PT. 22.
5 FT. OFFSET ℄ LINE
8" WATER MAIN
TOP
PG. 83

Notes Ck'd by	Survey of W-W.DIST. Nº 36
Map No.	JN 5367.16 Tape 172 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 5-65
Date	Indexed C. J. GALLI

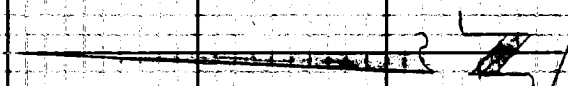
F. B. 3195 PG. 83



F.B. 3195 PG 84

83+75.9 BK.
= 83+76.95 AHD.

SET NEW X PT 18.48'
FROM ANGLE PT. Nº 24
ON LINE PROD. S.ELY
FROM ANGLE PT. Nº 25



B.O.T.
PG. 83

5.00

5.00

18.48

ANGLE PT. Nº 24
ELIMINATED
FD. SM. BT. SPK. & TIN
F.B. 3166 - 172

PROPORTIONED
P.I. Nº 2
F.B. 3166 - 172

5 FT. OFFSET LINE

8" WATER MAIN

NOTE
OFFSET LINE STAKED
5 FT. TO RIGHT OF
℄ 8" PIPELINE SQ
SPK. & TINS SET AT
100 FT. STATIONS,
GRADE BREAKS, AND
AT VALVE, FIRE HYD.
& FITTING STATIONS.

HASLEY CR. ROAD

5.00

84+94.78

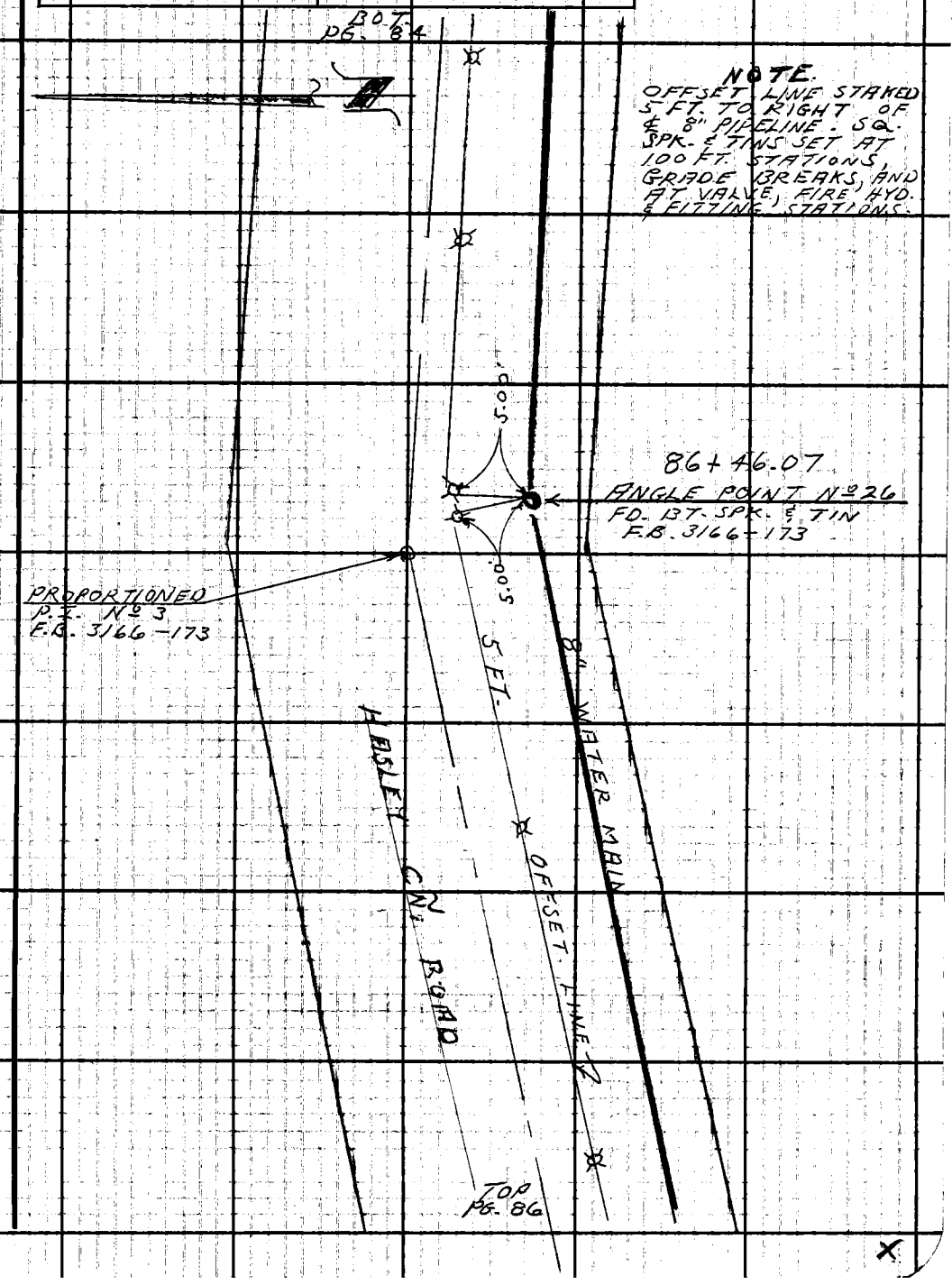
ANGLE PT. Nº 25
FD. SM. BT. SPK
& TIN F.B. 3166
PG. 172

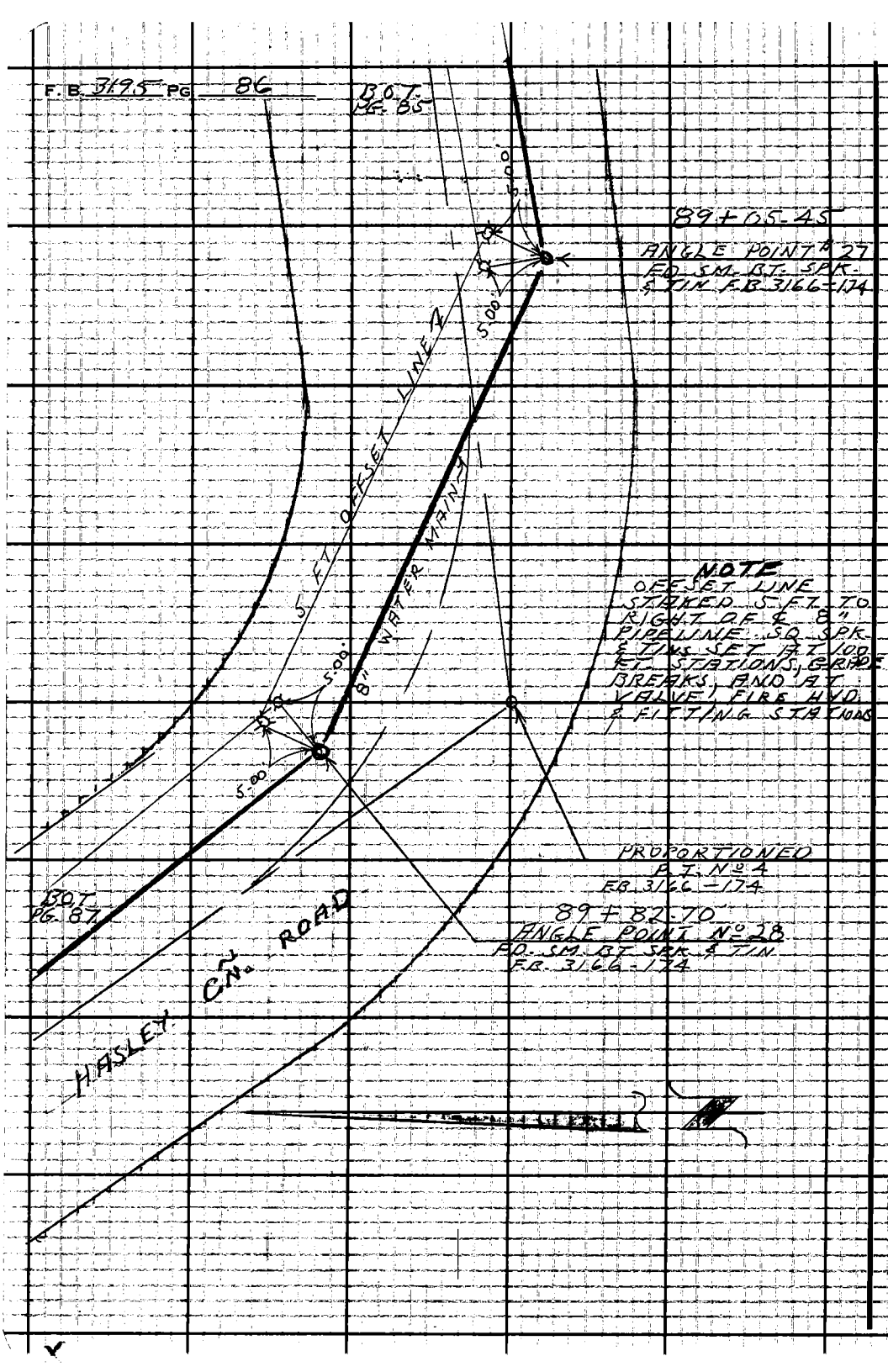
5.00

T.O.P.
PG. 85

Notes Ck'd by	Survey of W.W. DIST. Nº 36
Map No.	JN 5367-16 Tape 172 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 5-65
Date	Indexed C. J. GALLI

F. B. 3195 PG. 85

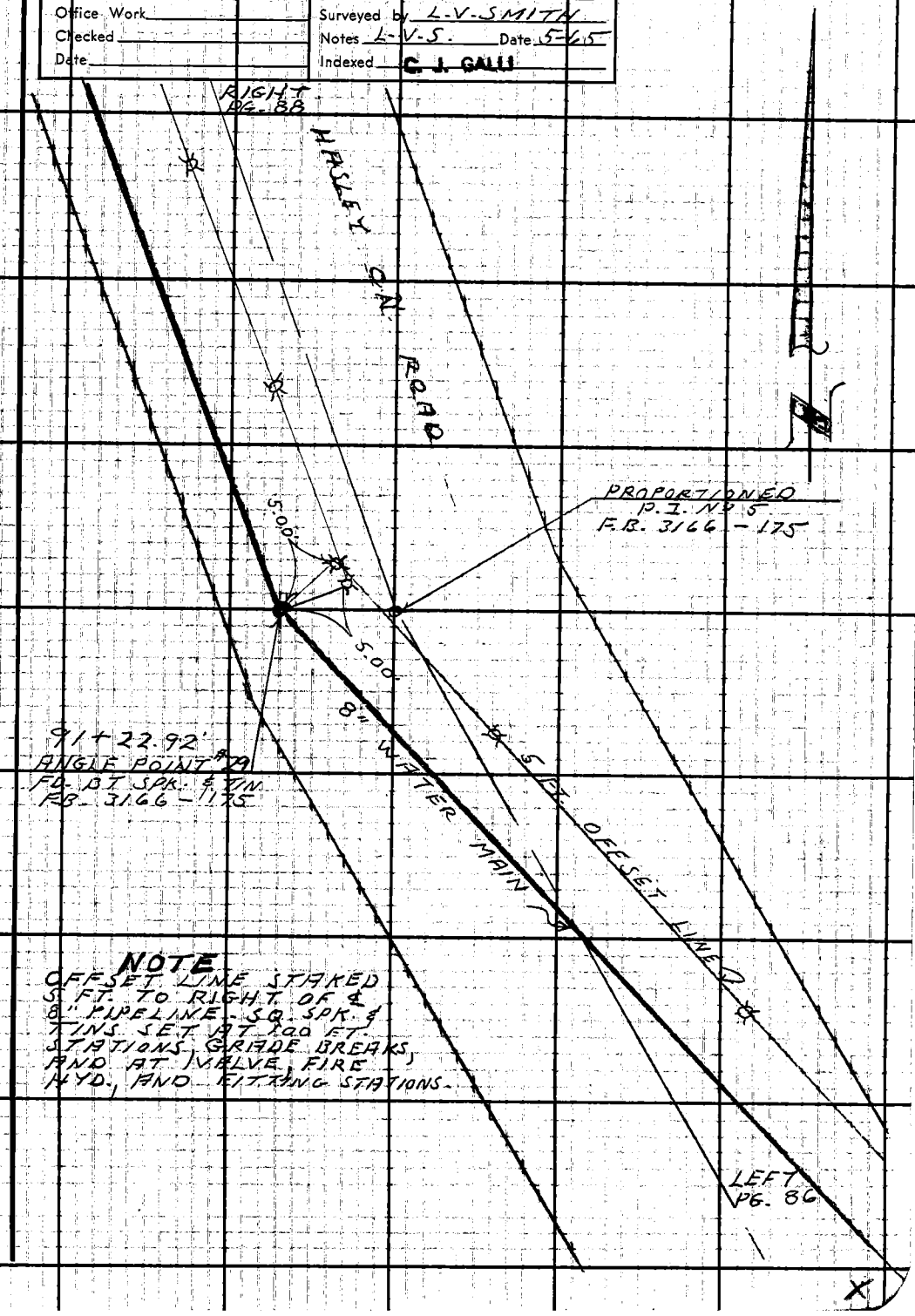


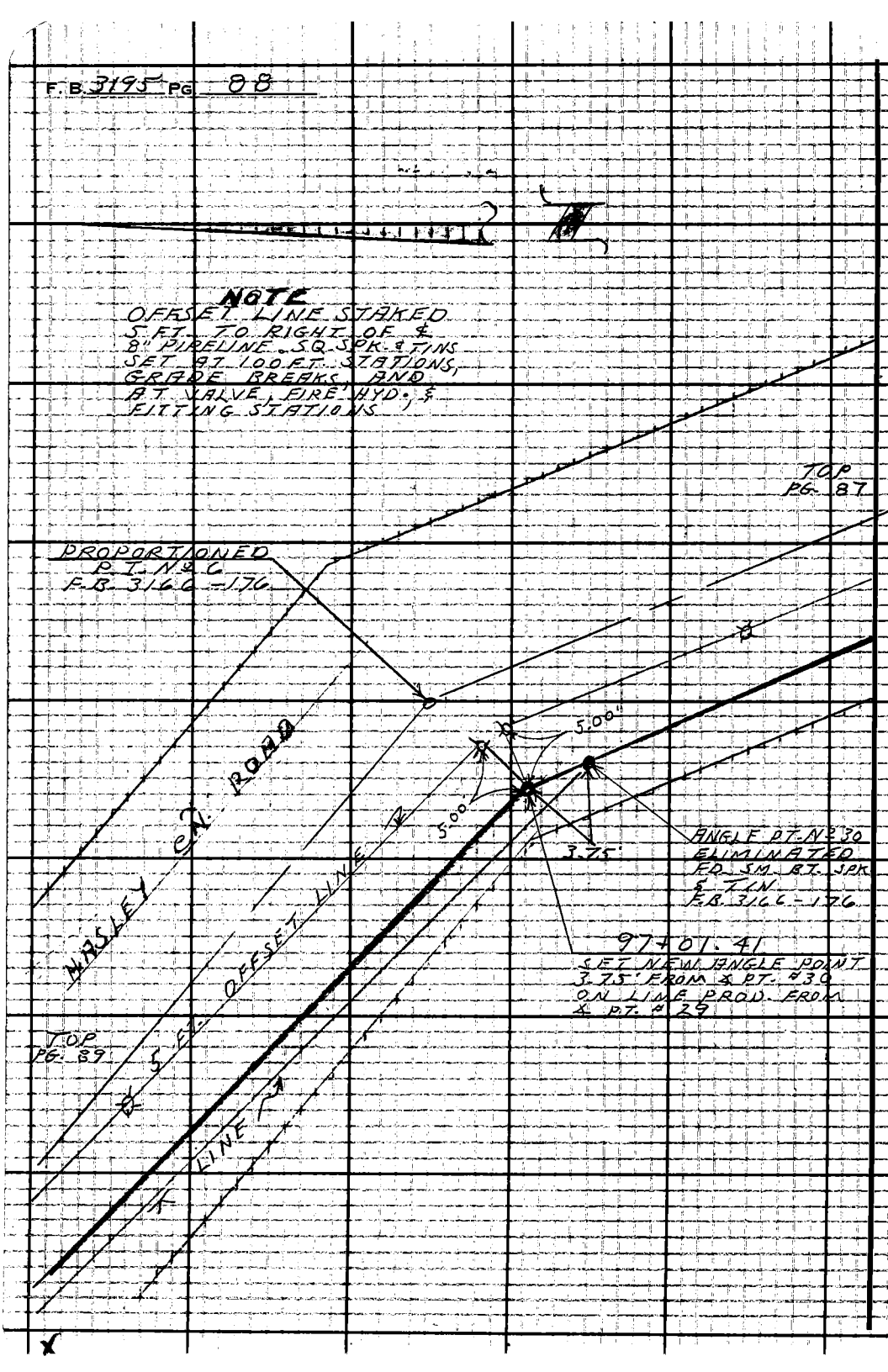

F.B. 3195 PG 86
B.O.T. PG. 85
89+05.45
ANGLE POINT # 27
FD. SM. BT. SPK. & TIN F.B. 3166-174
5.00
5.00
5 FT. OFFSET LINE
8" WATER MAIN
5.00
5.00
NOTE
OFFSET LINE STAKED 5 FT. TO RIGHT OF ℄ 8" PIPELINE. SQ. SPK. & TINS SET AT 100 FT. STATIONS, GRADE BREAKS, AND AT VALVE, FIRE HYD. & FITTING STATIONS
PROPORTIONED P.T. No 4 F.B. 3166-174
89+82.70
ANGLE POINT No 28
FD. SM. BT. SPK. & TIN F.B. 3166-174
B.O.T. PG. 87
CN. ROAD
HASLEY

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

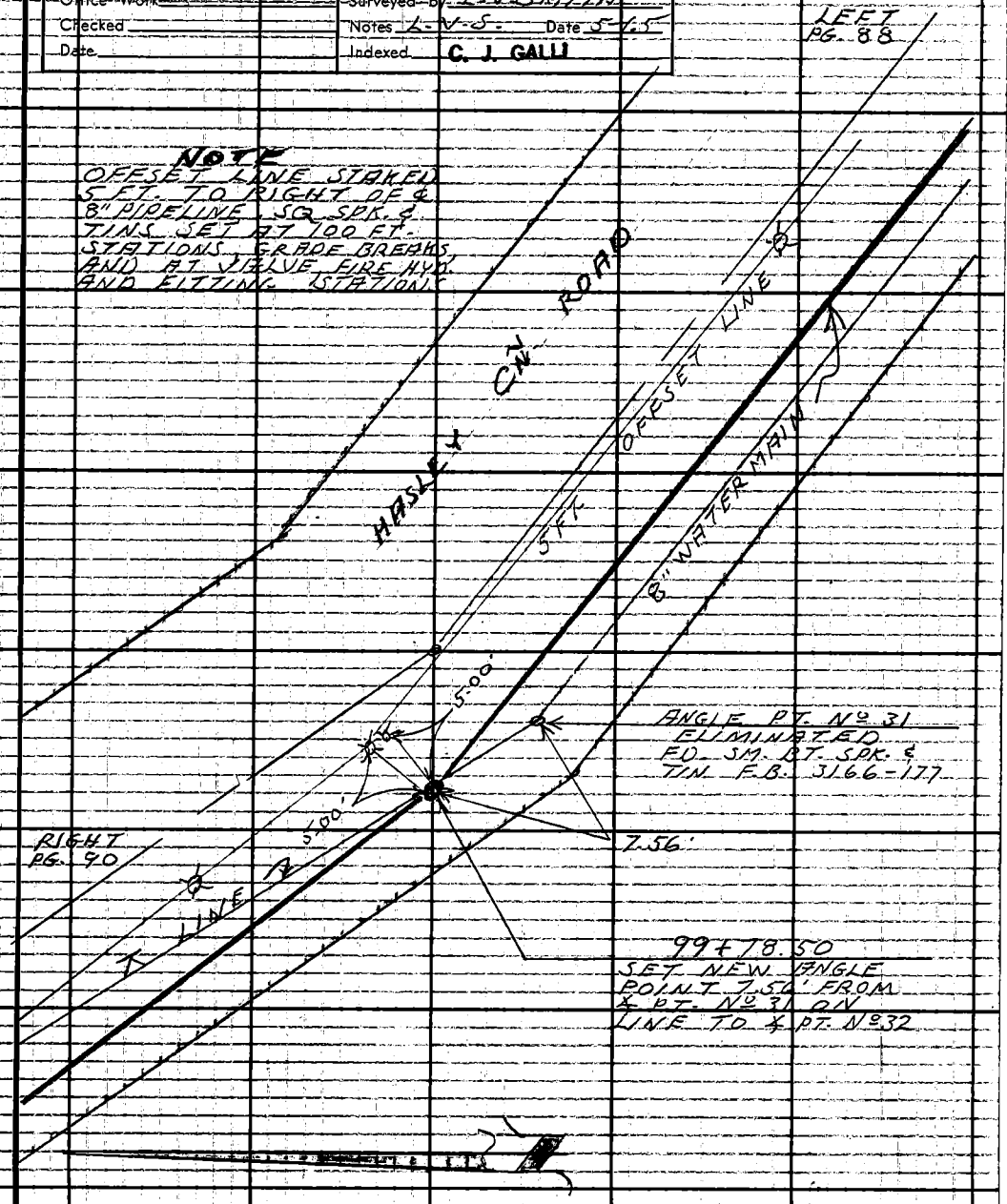
Survey of W.W. DIST. No 36
JN 5767 1/6 Tape 172 Std 84 °F
Surveyed by L-V-SMITH
Notes L-V-S. Date 5-6-15
Indexed C. J. GALLI

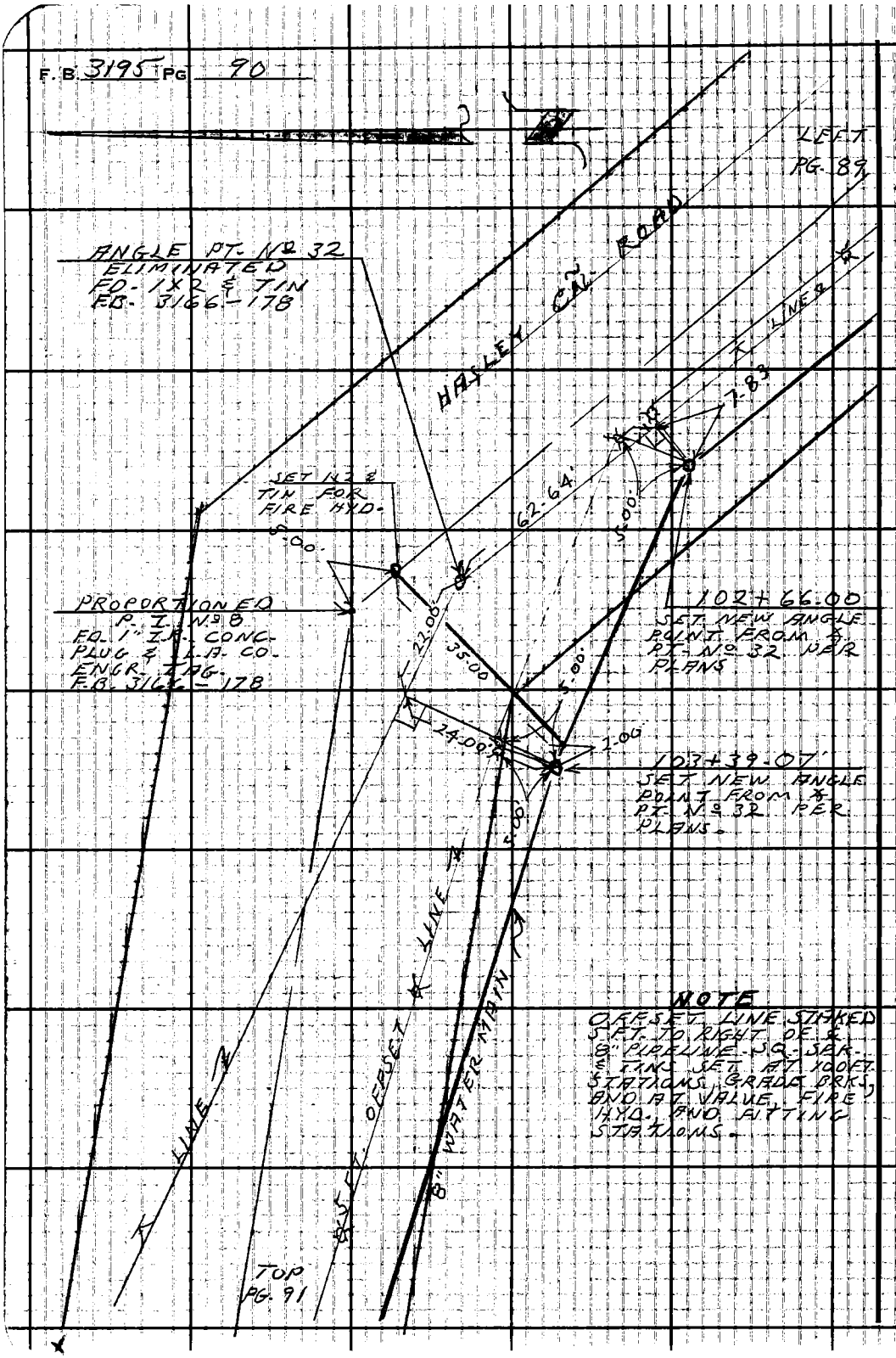
F. B. 3195 PG. 87




NOTE
OFFSET LINE STAKED
5 FT. TO RIGHT OF ℄
8" PIPELINE. SQ. SPK. & TINS
SET AT 100 FT. STATIONS,
GRADE BREAKS, AND
AT VALVE, FIRE HYD., &
FITTING STATIONS
TOP
PG. 87
PROPORTIONED
P.T. No. 6
F.B. 3166-176
5.00"
5.00
3.75'
ANGLE PT. No. 30
ELIMINATED
FD. SM. BT. SPK
& TIN
F.B. 3166-176
97+01.41
SET NEW ANGLE POINT
3.75' FROM ∡ PT. #30
ON LINE PROD. FROM
∡ PT. #29
HASLEY ℄ ROAD
5 FT. OFFSET LINE
LINE
TOP
PG. 89

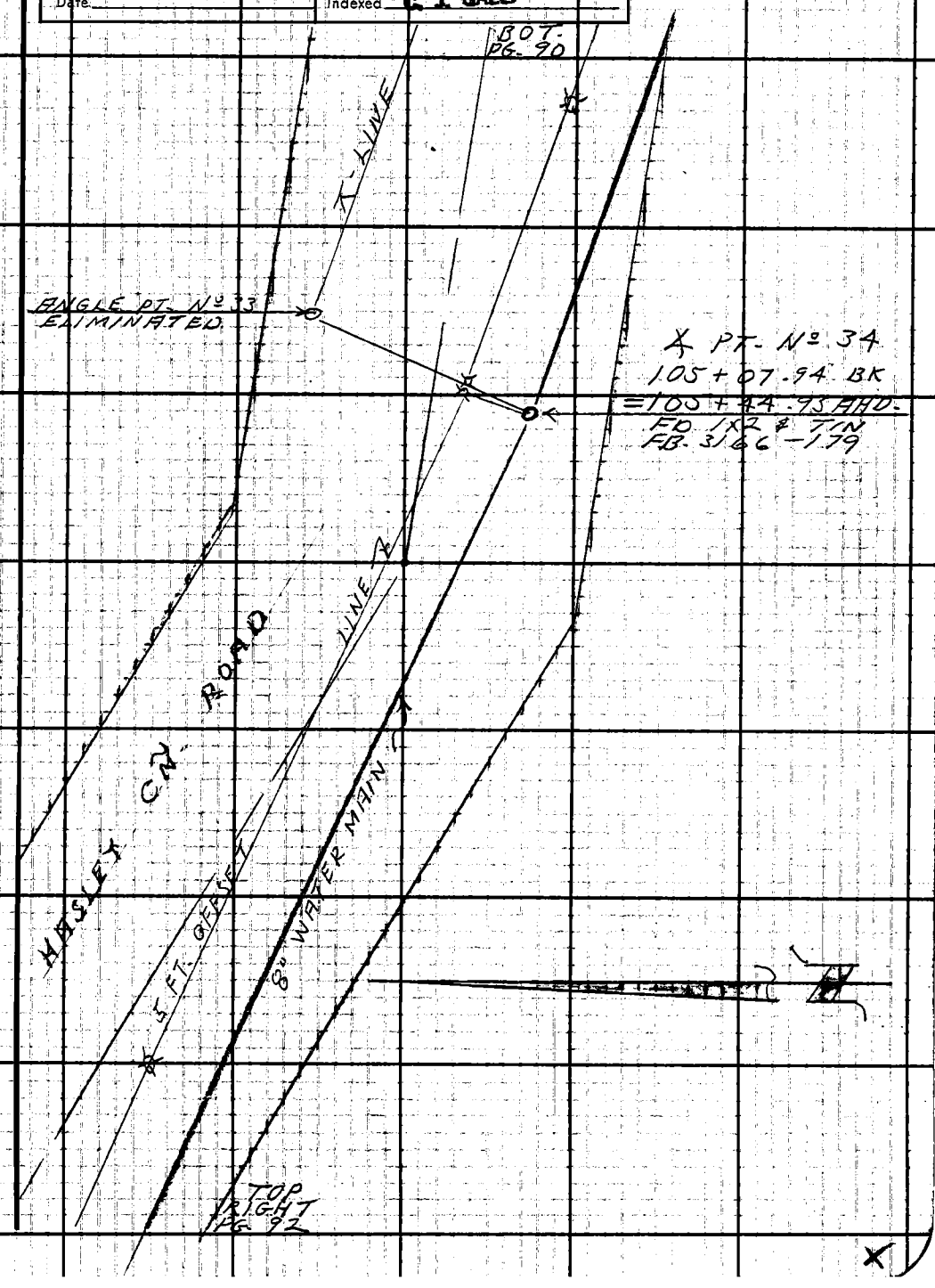
Notes Ck'd by	Survey of W.W. DIST. No. 36	F. B. 3195 Pg. 89
Map No.	JN 536716 Tape 172 Std 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes L.V.S. Date 5-1-5	
Date	Indexed C. J. GALLI	

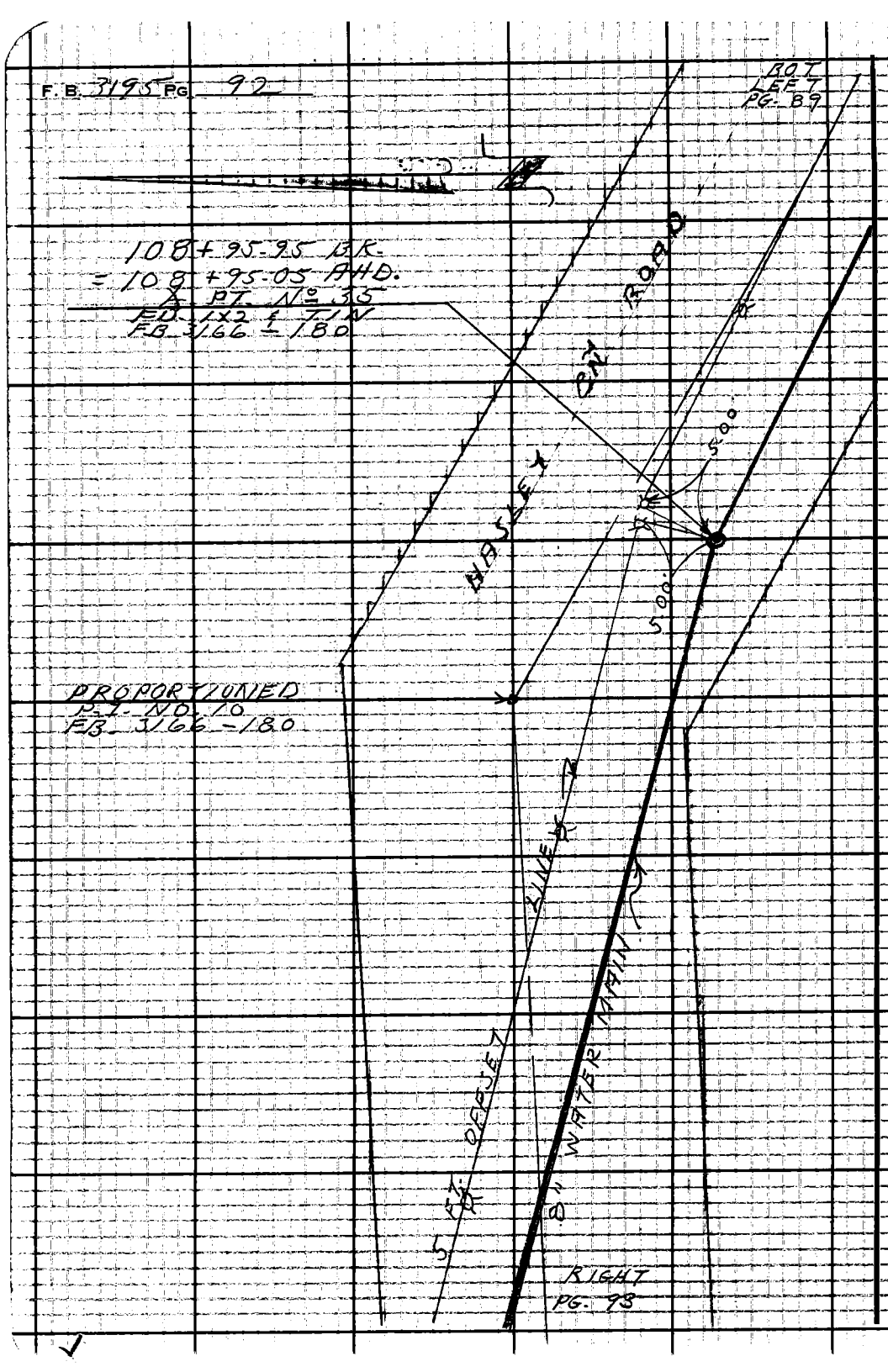



F.B. 3195 PG 90
LEFT PG. 89
ANGLE PT. No 32 ELIMINATED FD. 1X2 & TIN F.B. 3166-178
HASLEY CN. ROAD
LINE
7.83
62.64
5.00
SET 1X2 & TIN FOR FIRE HYD.
5.00
PROPORTIONED P.I. No 8 FD. 1" I.R. CONC. PLUG & L.A. CO. ENGR. TAG. F.B. 3166-178
22.00
35.00
5.00
102+66.00
SET NEW ANGLE POINT FROM ℄ PT. No 32 PER PLANS
24.00
2.00
103+39.07
SET NEW ANGLE POINT FROM ℄ PT. No 32 PER PLANS.
5.00
LINE
5 FT. OFFSET
8" WATER MAIN
NOTE
OFFSET LINE STAKED 5 FT. TO RIGHT OF ℄ 8" PIPELINE. SQ. SEK. & TINS SET AT 100 FT. STATIONS, GRADE BRKS, AND AT VALVE, FIRE HYD., AND FITTING STATIONS.
TOP PG. 91

Notes Ck'd by	Survey of W-W-DIST. Nº 36
Map No.	JN 5367-16 Tape 172 Std 84 °F
Office Work	Surveyed by L-V-SMITH
Checked	Notes L-V-S. Date 5-65
Date	Indexed C. J. GALLI

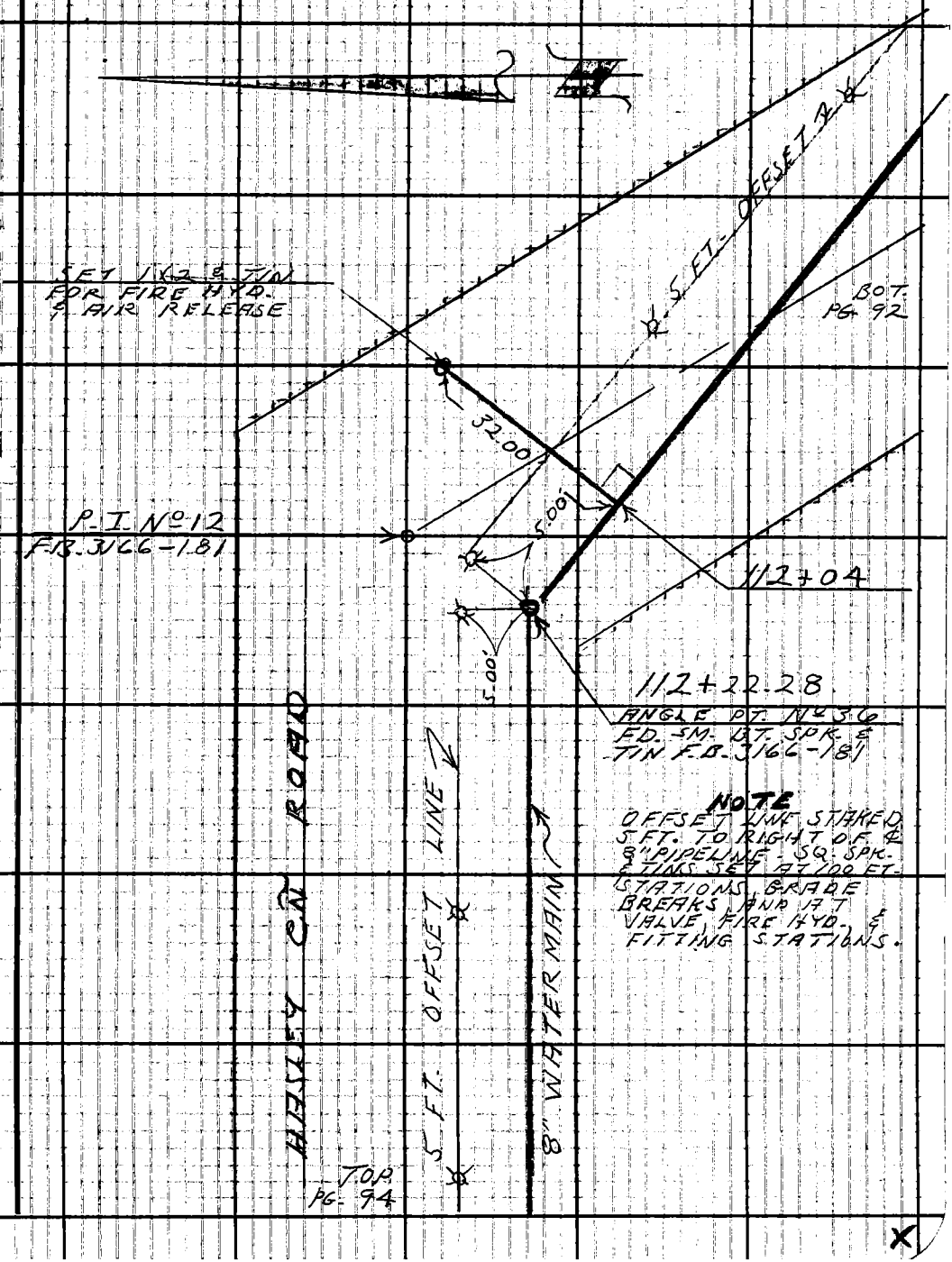
F. B. 3195 PG. 91

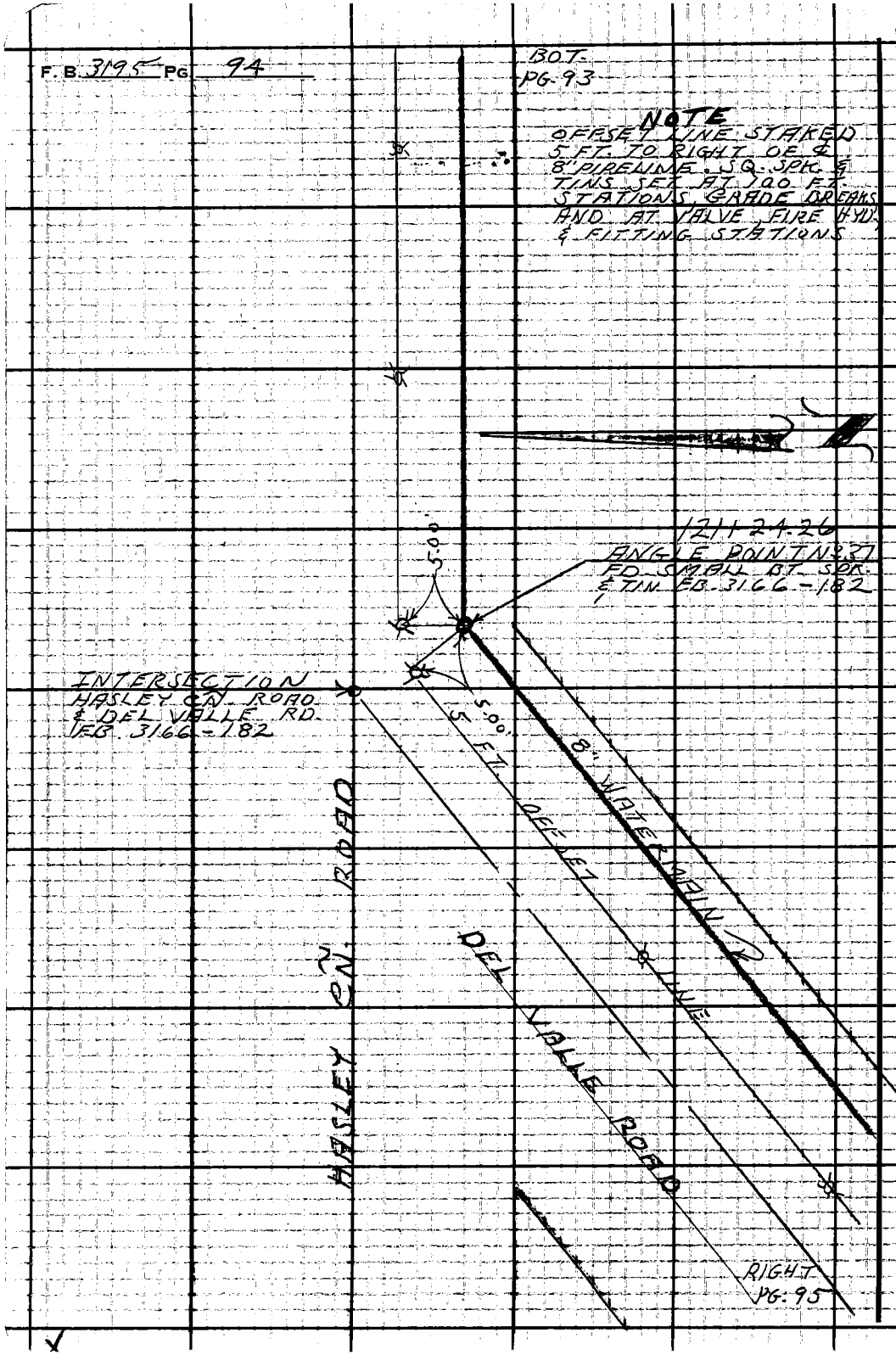



F.B. 3195 PG. 92
BOT LEFT PG. 89
108+95.95 BK.
= 108+95.05 AHD.
PT. No. 35
FD. 1X2 & TIN
FB. 3166 - 180
HASLEY CN ROAD
5.00
5.00
PROPORTIONED
PT. NO. 10
FB. 3166 - 180
5 FT. OFFSET LINE
8" WATER MAIN
RIGHT PG. 93

Notes Ck'd by	Survey of W.W. DIST. Nº 36
Map No.	JN 536716 Tape 172 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 5-65
Date	Indexed C. J. GALLI

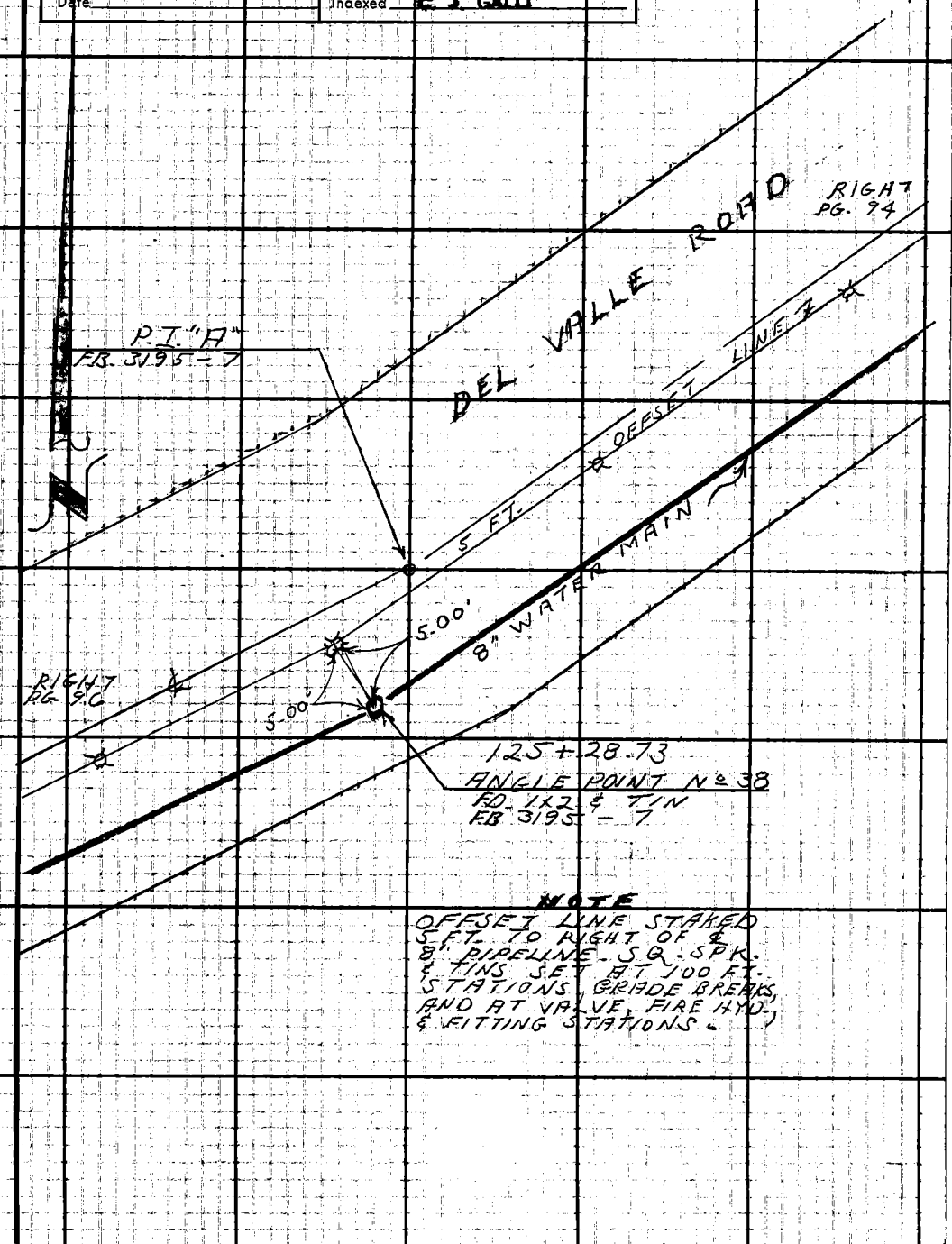
F. B. 3195 PG. 93




F.B. 3195 PG 94
BOT.
PG. 93
NOTE
OFFSET LINE STAKED
5 FT. TO RIGHT OF ℄
8" PIPELINE. SQ. SPK. &
TINS SET AT 100 FT.
STATIONS, GRADE BREAKS
AND AT VALVE, FIRE HYD.
& FITTING STATIONS
1211 24.26
ANGLE POINT No. 37
FD. SMALL BT. SPK.
& TIN FB. 3166-182
5.00'
5.00'
INTERSECTION
HASLEY CN. ROAD
& DEL VALLE RD.
FB. 3166-182
5 FT. OFFSET LINE
8" WATERMAIN
DEL VALLE ROAD
HASLEY CN. ROAD
RIGHT
PG. 95

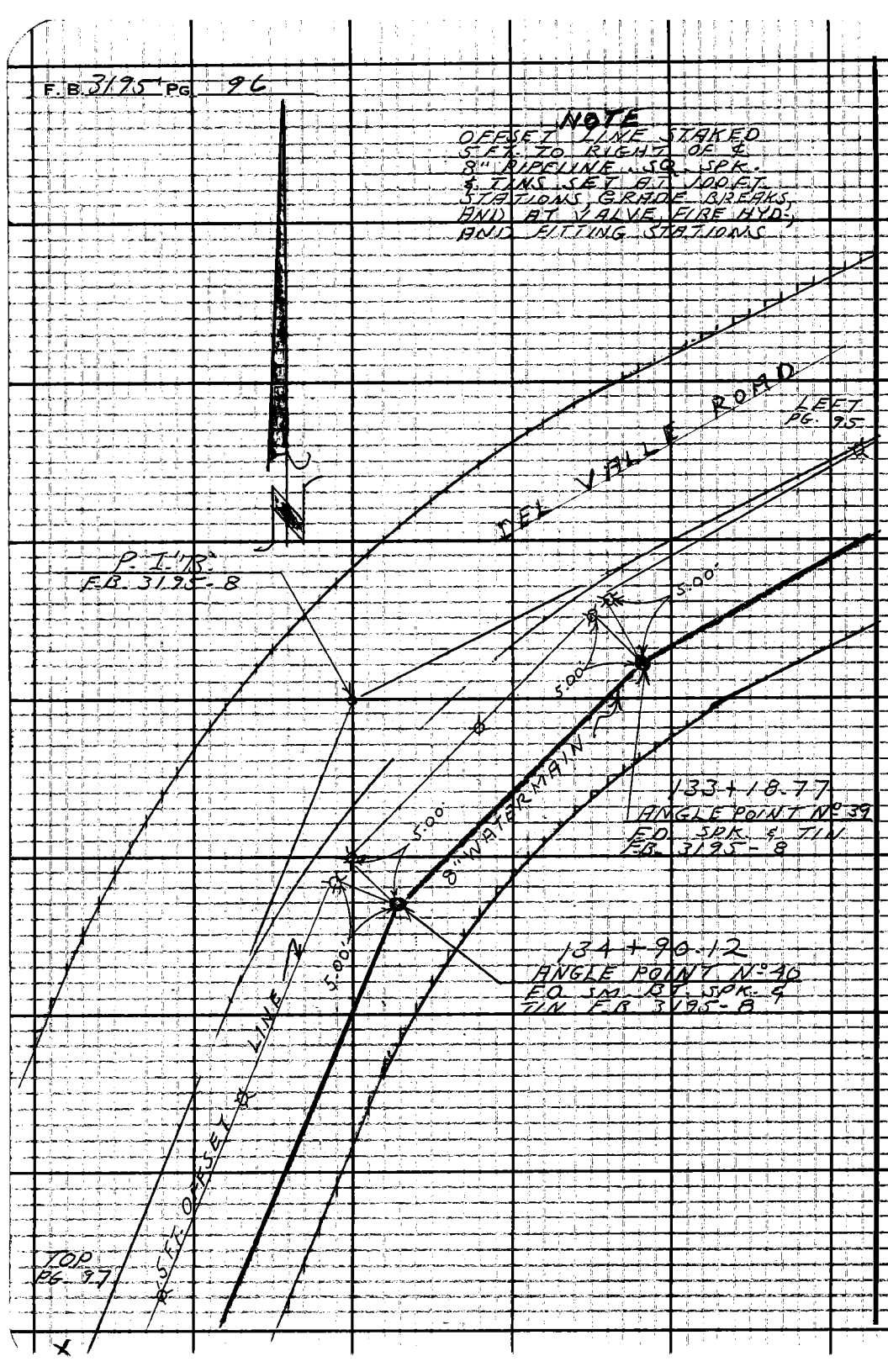
Notes Ck'd by	Survey of W.W. DIST. No 36
Map No.	JN 5267/6 Tape 172 Std 84 °F
Office Work	Surveyed by L. V. SMITH
Checked	Notes L. V. S. Date 5-65
Date	Indexed C. J. GALLI

F. B. 3195 PG. 95



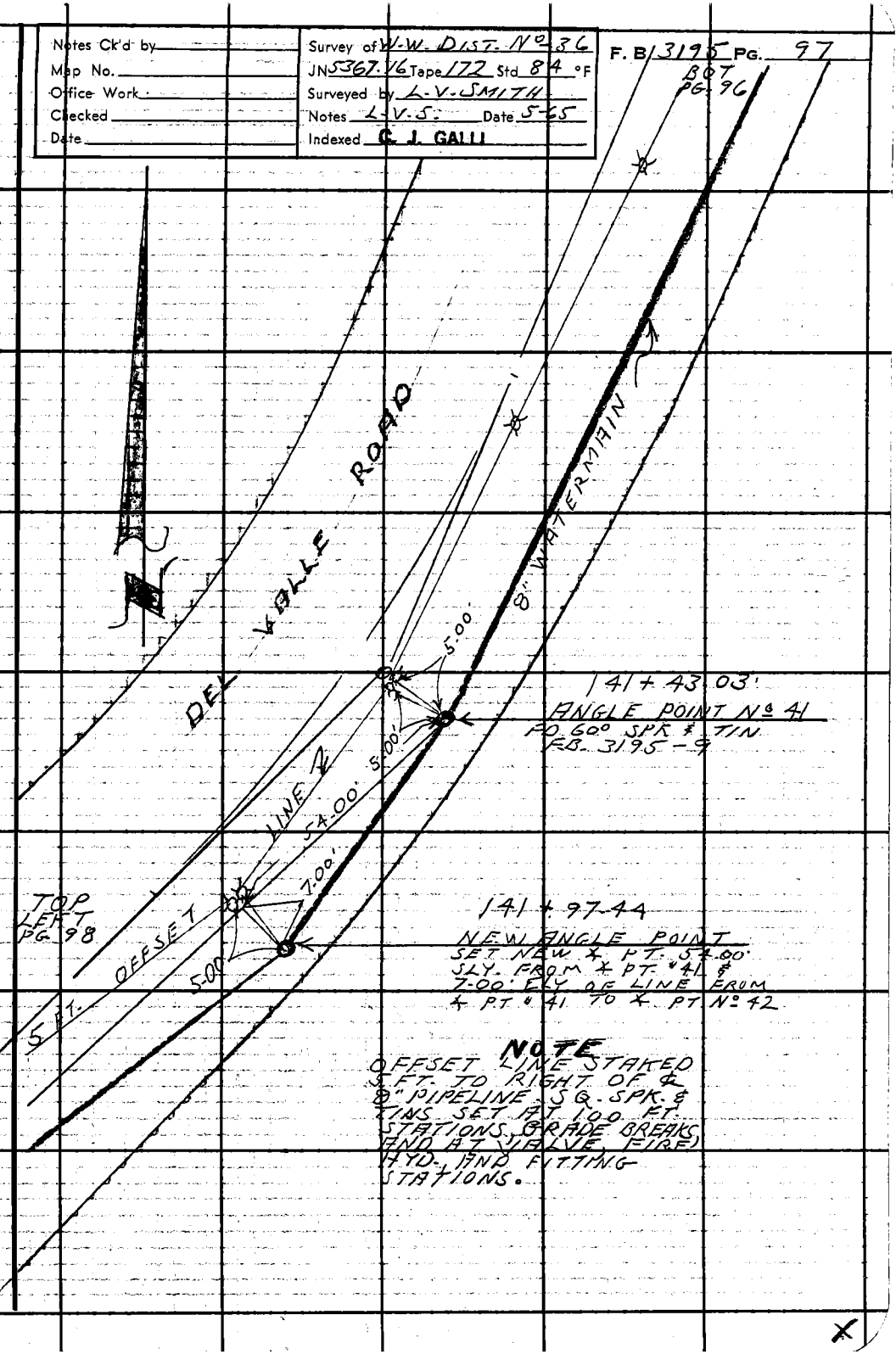
NOTE
OFFSET LINE STAKED 5 FT. TO RIGHT OF ℄ 8" PIPELINE. SQ. SPK. & TINS SET AT 100 FT. STATIONS, GRADE BREAKS, AND AT VALVE, FIRE HYD., & FITTING STATIONS.

F.B. 3195 PG. 96


NOTE
OFFSET LINE STAKED
5 FT. TO RIGHT OF ℄
8" PIPELINE. SQ. SPK.
& TINS SET AT 100 FT.
STATIONS, GRADE BREAKS,
AND AT VALVE, FIRE HYD.,
AND FITTING STATIONS
DEL VALLE ROAD
LEFT
PG. 95
P.I.'S
F.B. 3195-8
5.00'
5.00'
5.00'
5.00'
8" WATER MAIN
133+18.77
ANGLE POINT Nº 39
FD. SPK. & TIN
F.B. 3195-8
134+90.12
ANGLE POINT Nº 40
FD. SM. BT. SPK. &
TIN F.B. 3195-8
OFFSET LINE
5 FT.
TOP
PG. 97

Notes Ck'd by	Survey of W.W. DIST. Nº 36
Map No.	JN 5367.16 Tape 172 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 5-65
Date	Indexed C. J. GALLI

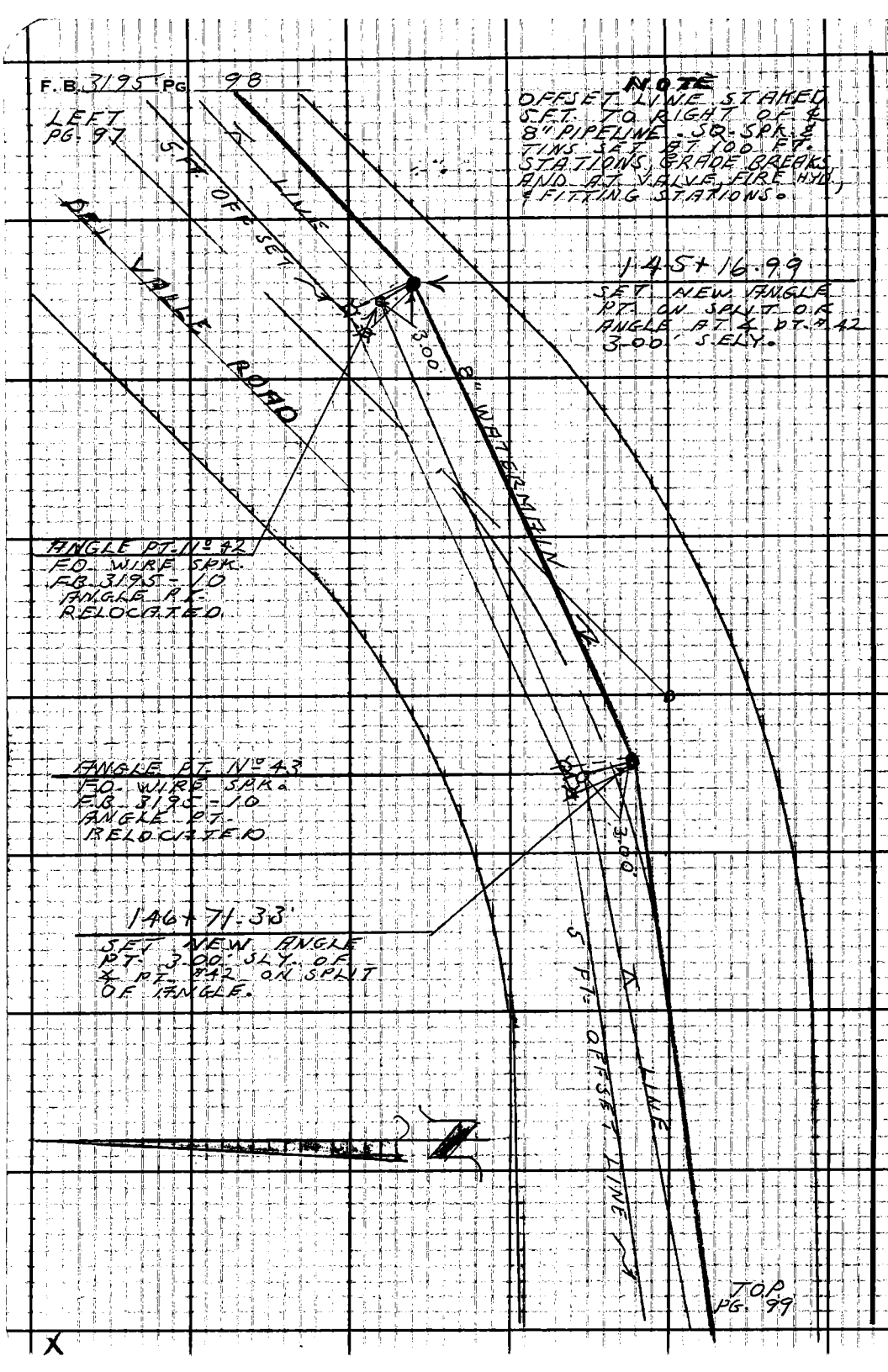
F. B. 3195 PG. 97



F.B. 3195 PG 98

LEFT
PG. 97

NOTE
OFFSET LINE STAKED
5 FT. TO RIGHT OF ℄
8" PIPELINE. SQ-SPK. &
TINS SET AT 100 FT.
STATIONS, GRADE BREAKS
AND AT VALVE, FIRE HYD.,
& FITTING STATIONS.



145+16.99
SET NEW ANGLE
PT. ON SPLIT OF
ANGLE AT ℄ PT. #42
3.00' S.ELY.

ANGLE PT. Nº 42
FD. WIRE SPK.
F.B. 3195-10
ANGLE PT.
RELOCATED.

ANGLE PT. Nº 43
FD. WIRE SPK.
F.B. 3195-10
ANGLE PT.
RELOCATED

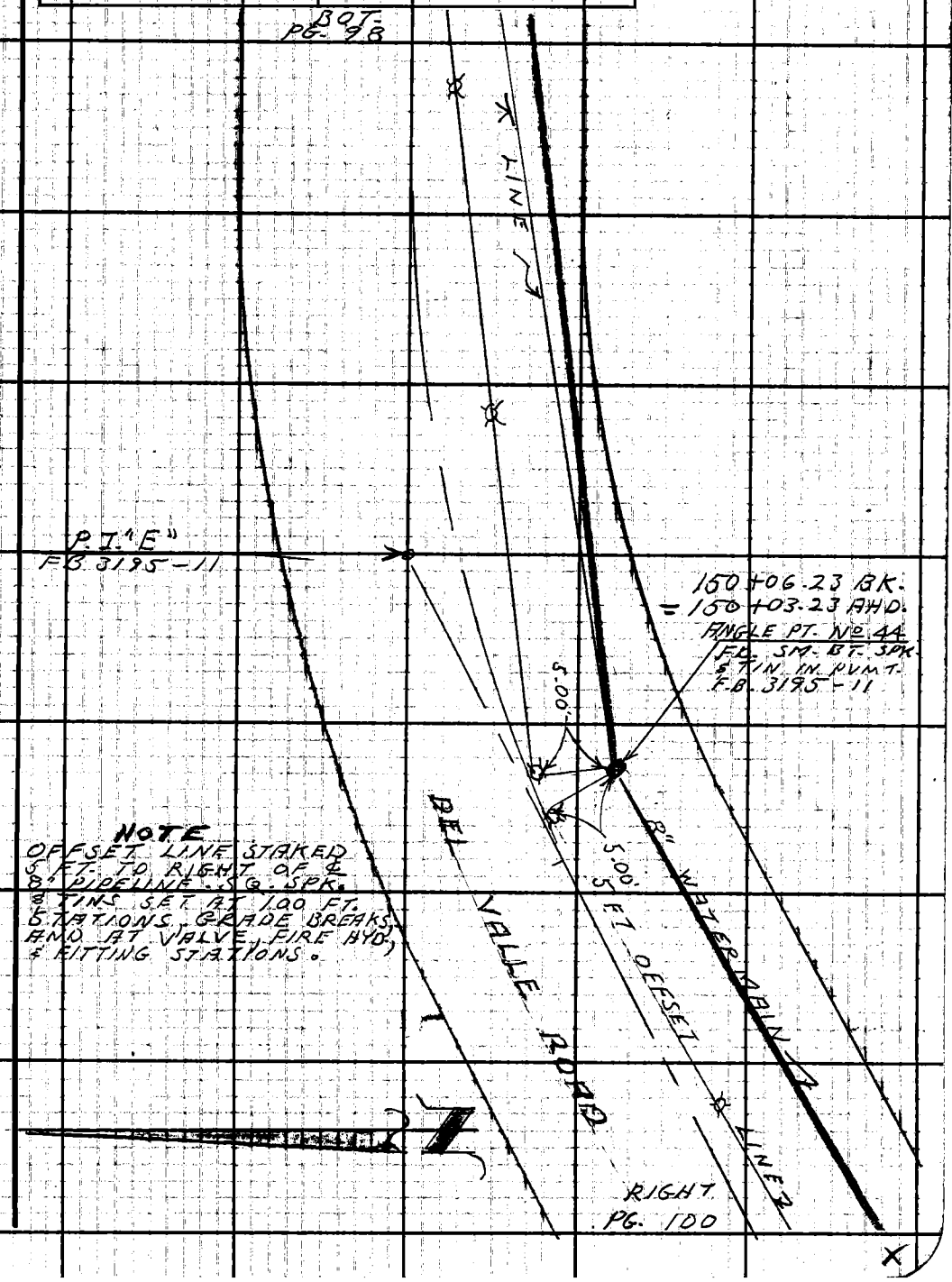
146+71.33
SET NEW ANGLE
PT. 3.00' S.LY. OF
℄ PT. #42 ON SPLIT
OF ANGLE.

TOP
PG. 99

X

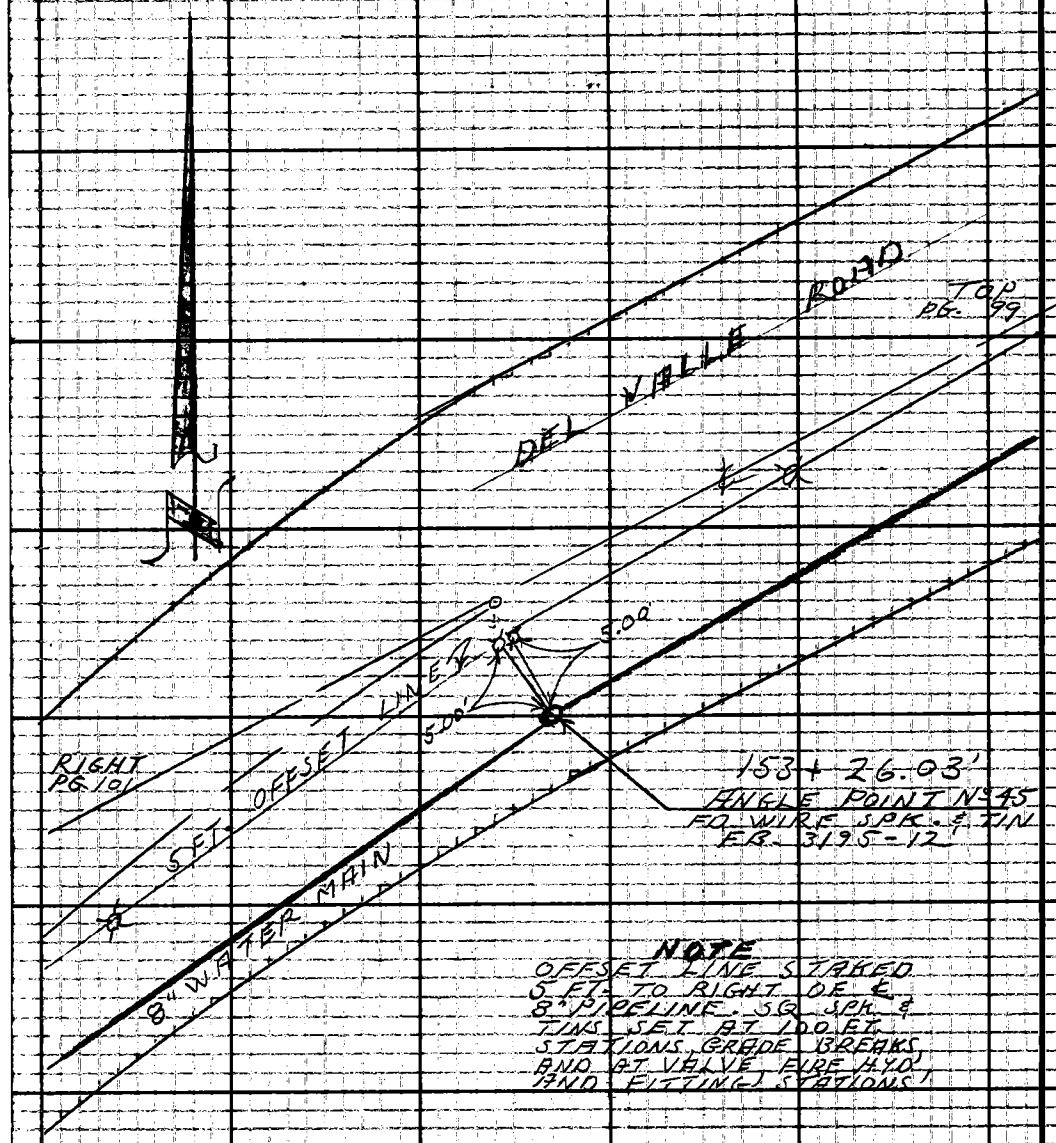
Notes Ck'd by	Survey of W.W. DIST. No 36
Map No.	JN 5767-16 Tape 172 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 5-65
Date	Indexed C. J. GALLI

F. B. 3195 PG. 99



NOTE
OFFSET LINE STAKED 5 FT. TO RIGHT OF ℄ 8" PIPELINE. SQ. SPK. & TINS SET AT 100 FT. STATIONS, GRADE BREAKS, AND AT VALVE, FIRE HYD. & FITTING STATIONS.

F.B. 3195 PG. 100

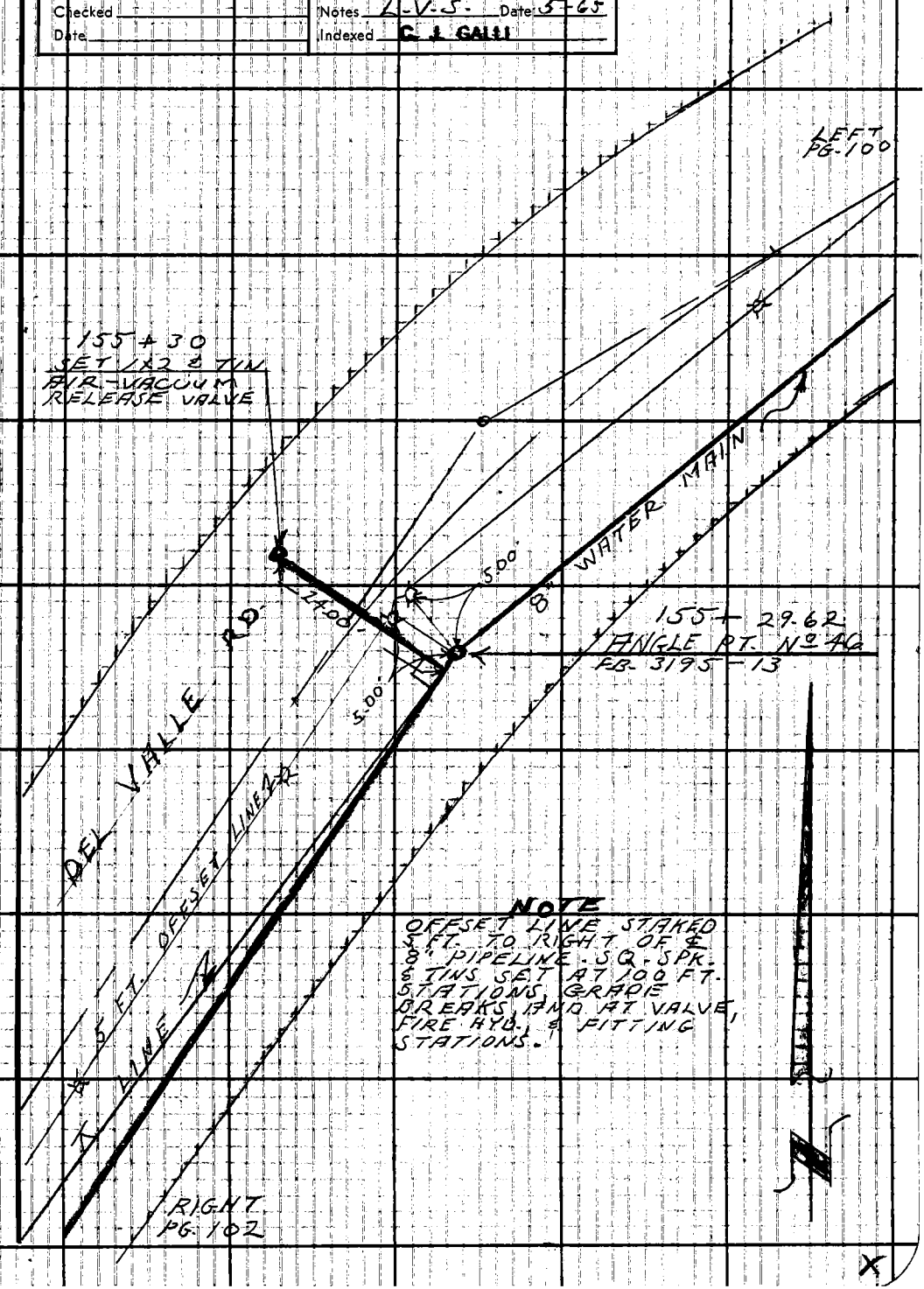


NOTE

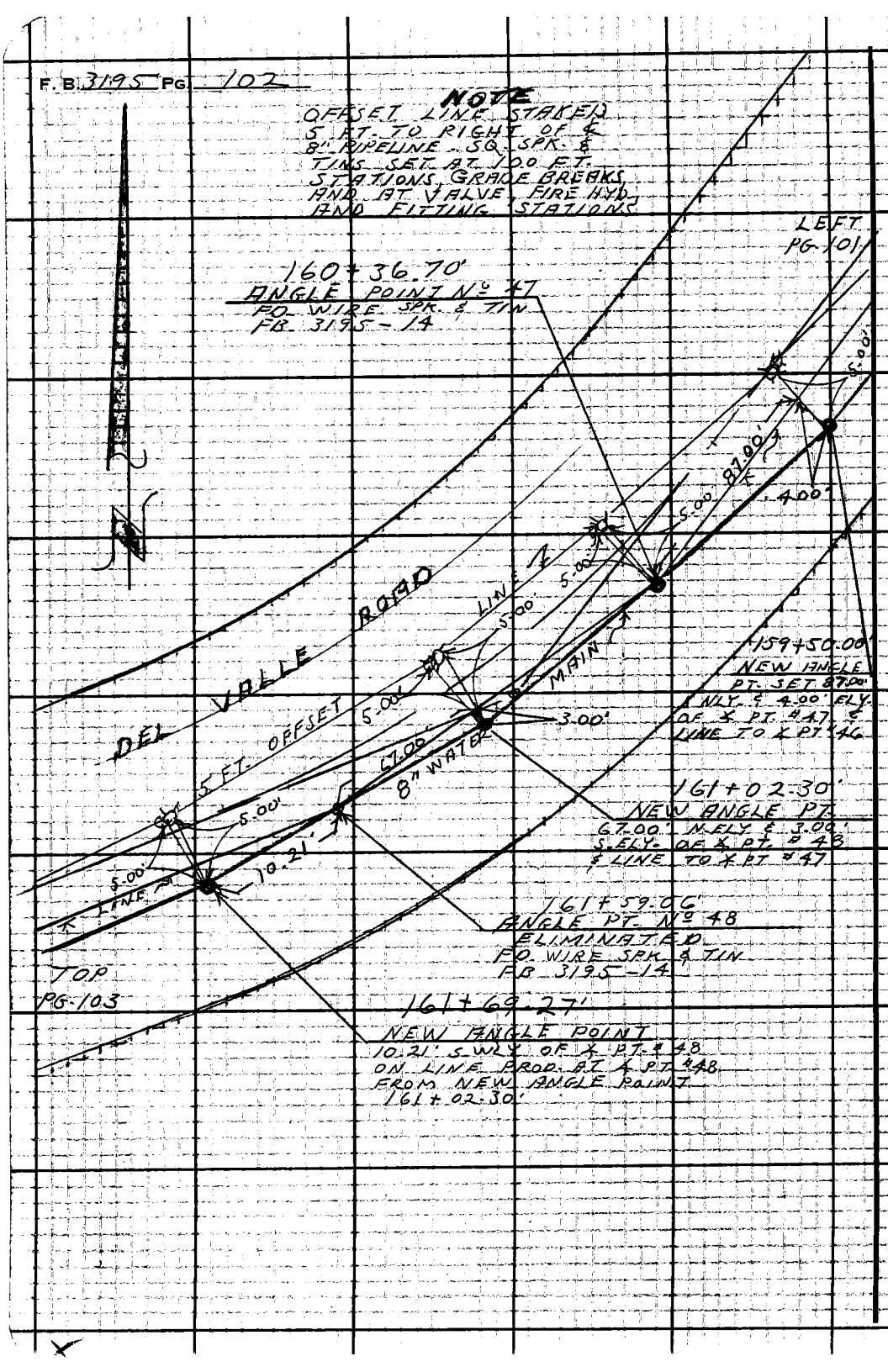
OFFSET LINE STAKED 5 FT. TO RIGHT OF ℄ 8" PIPELINE. SQ. SPK. & TINS SET AT 100 FT. STATIONS, GRADE BREAKS, AND AT VALVE, FIRE HYD. AND FITTINGS STATIONS.

Notes Ck'd by	Survey of W.W. DIST. Nº 36
Map No.	JN 5367.1/2 Tape 172 Std 84 °F
Office Work	Surveyed by L-V-SMITH
Checked	Notes L-V-S- Date 5-65
Date	Indexed C. J. GALLI

F. B. 3195 PG. 101

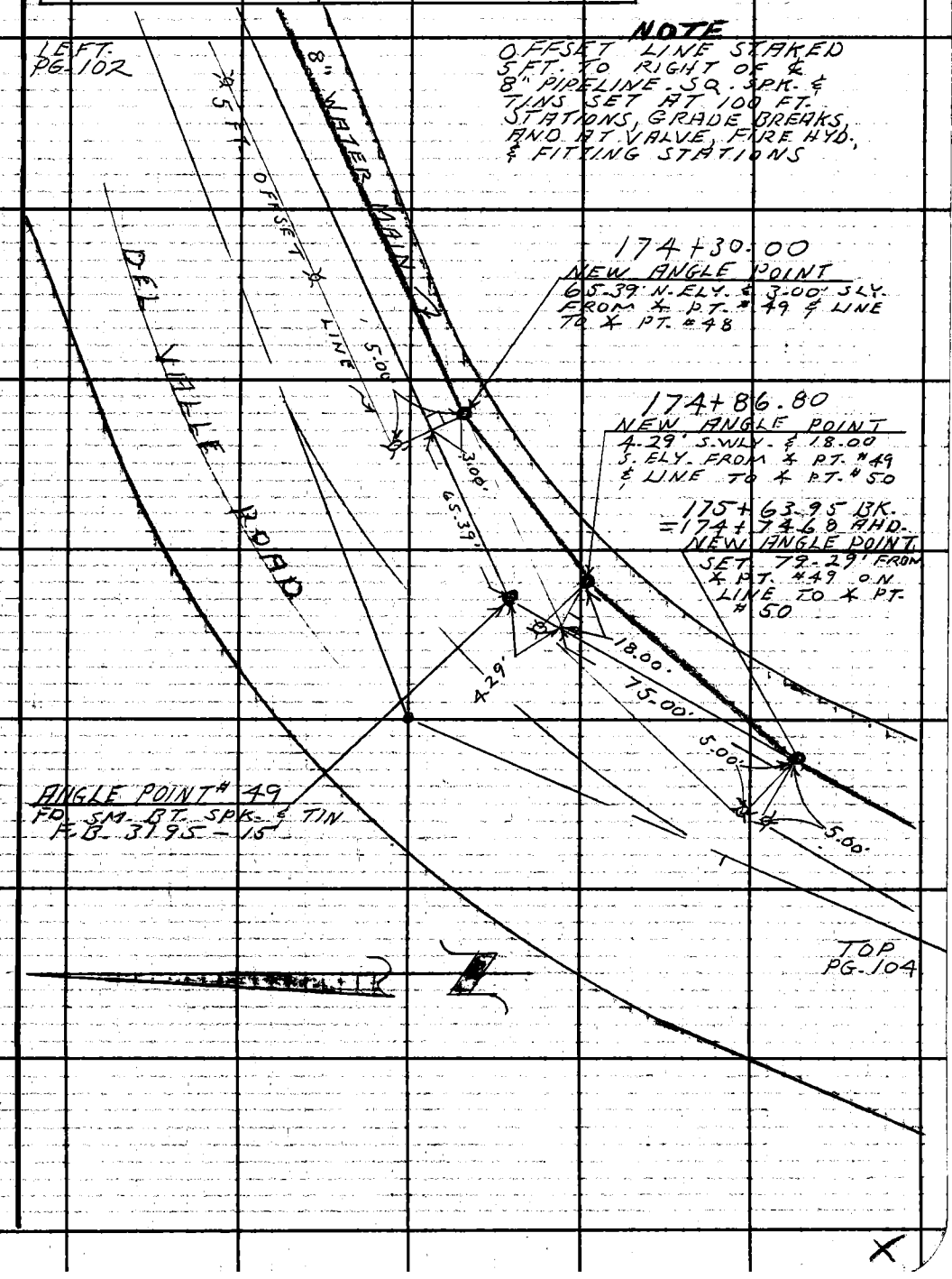


F. B. 3195 PG. 102



Notes Ck'd by	Survey of W.W. DIST. No 36
Map No.	JN 5367-16 Tape 172 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 5-65
Date	Indexed C. J. GALLI

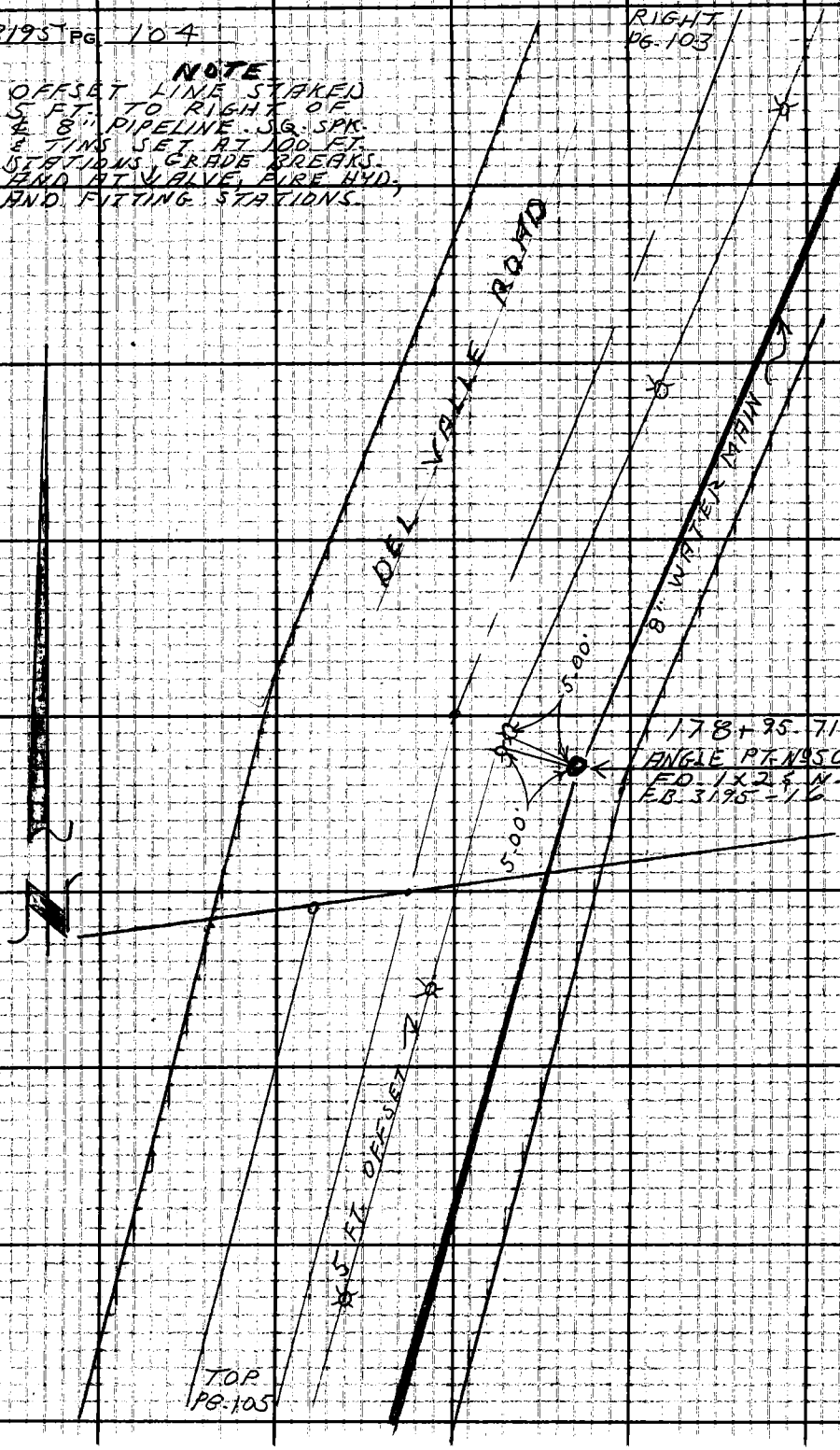
F. B. 3195 PG. 103



F.B. 3195 PG. 104

NOTE

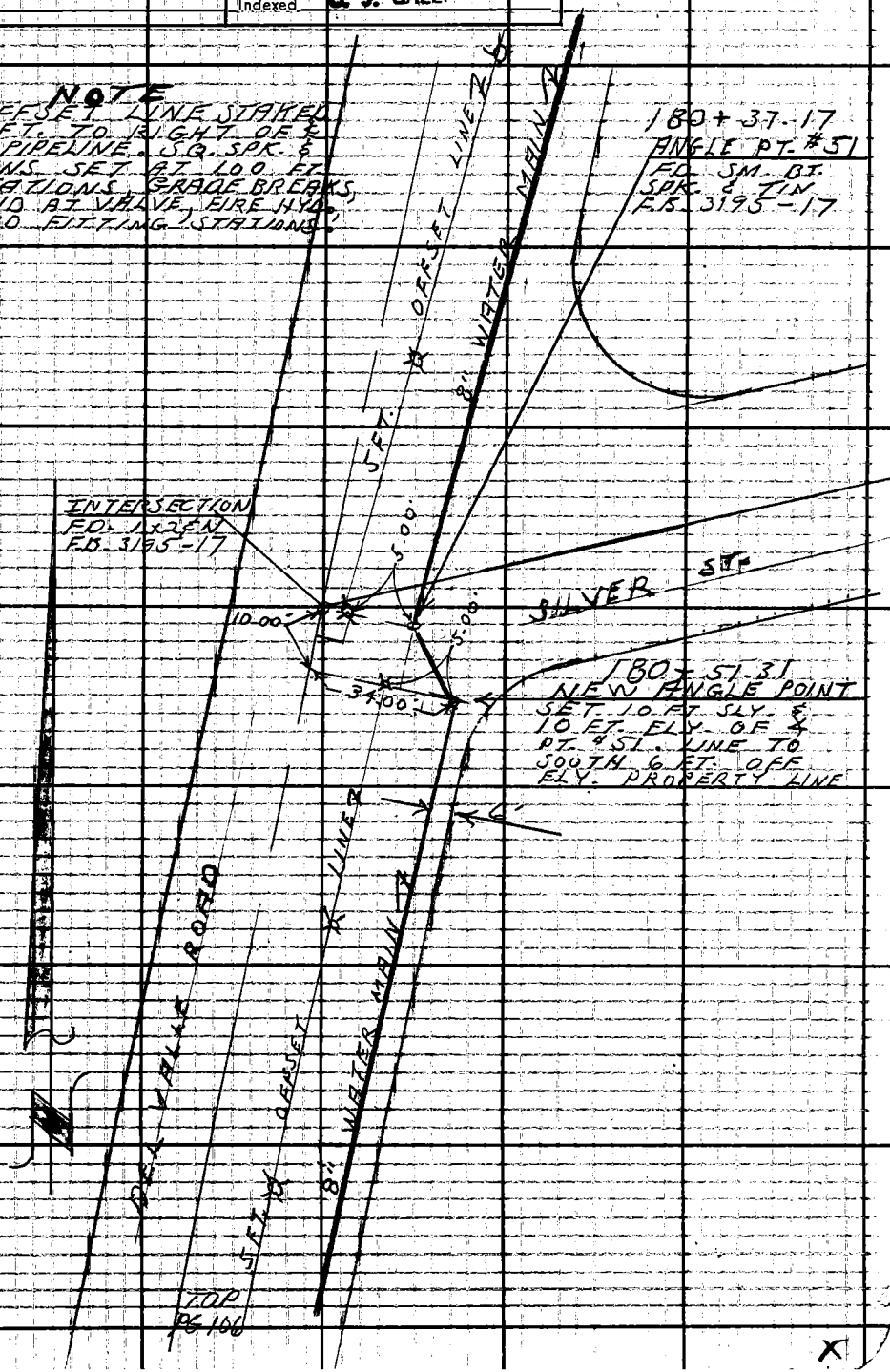
OFFSET LINE STAKED 5 FT. TO RIGHT OF ℄ 8" PIPELINE. SG. SPK. & TINS SET AT 100 FT. STATIONS, GRADE BREAKS, AND AT VALVE, FIRE HYD., AND FITTING STATIONS.



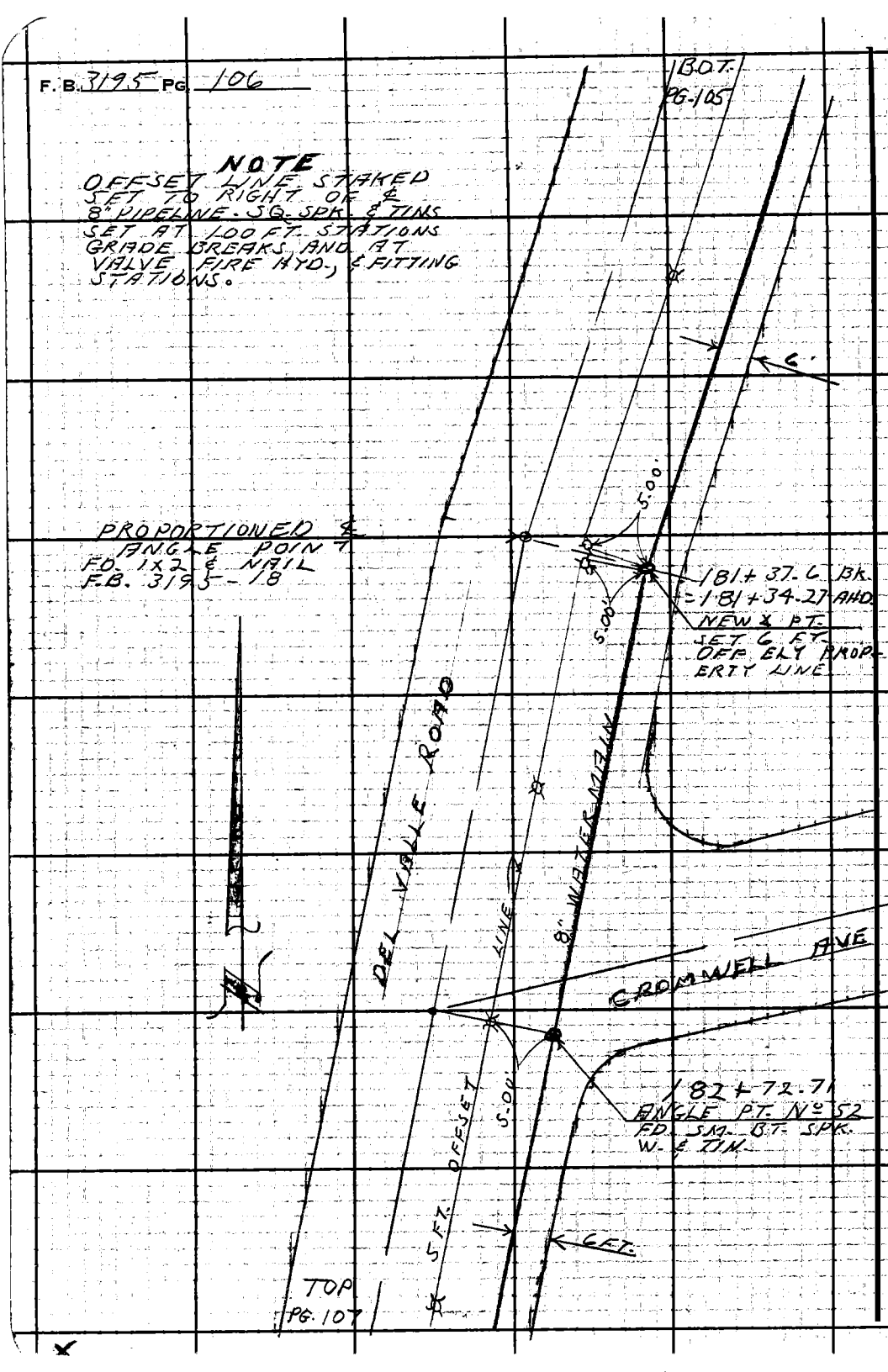
Notes Ck'd by	Survey of W.W. DIST. Nº 36
Map No.	JN 5367.16 Tape 174 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 5-65
Date	Indexed C. J. GALLI

F. B. 3195 PG. 105

BOT. PG. 104



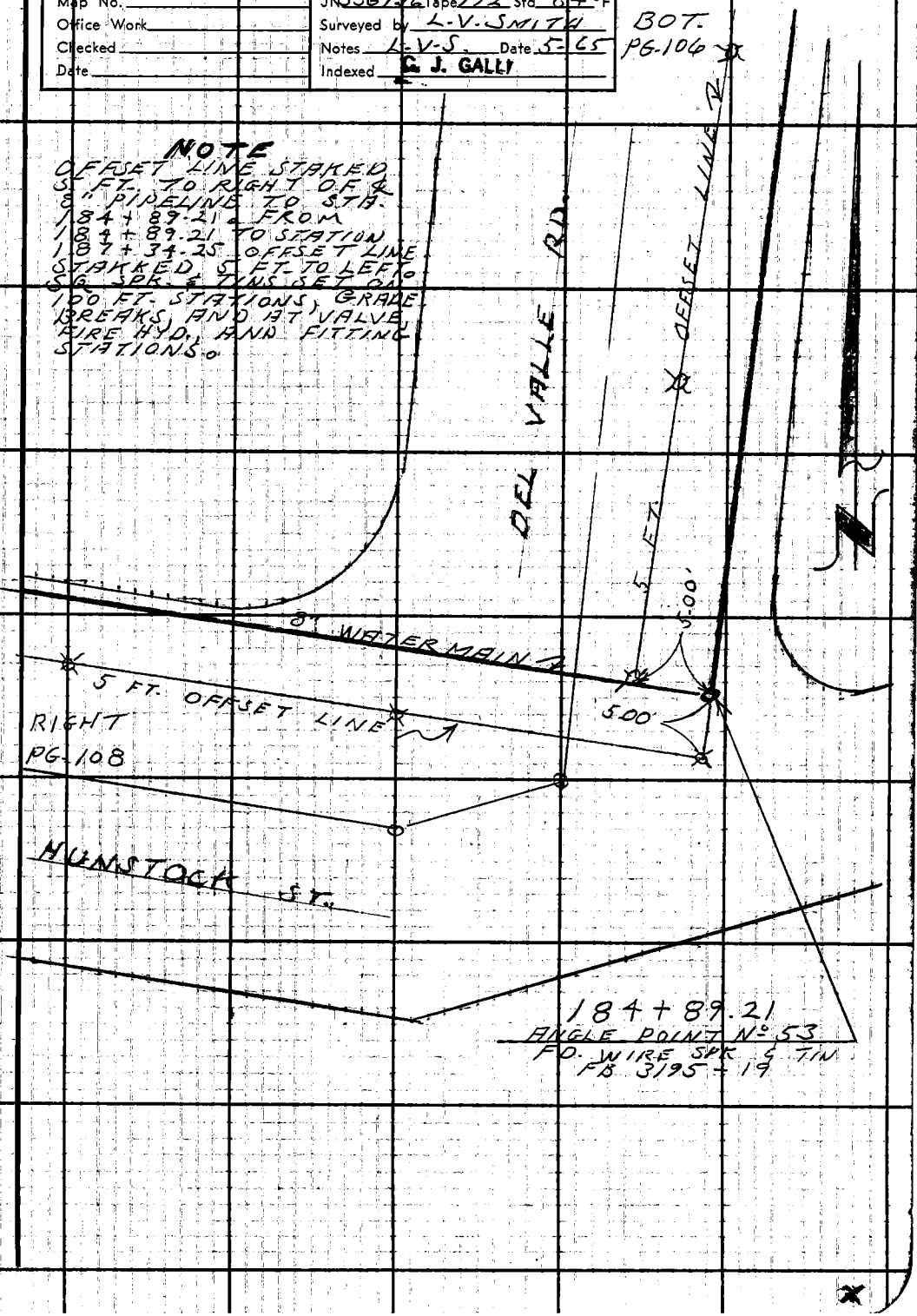
F. B. 3195 PG 106



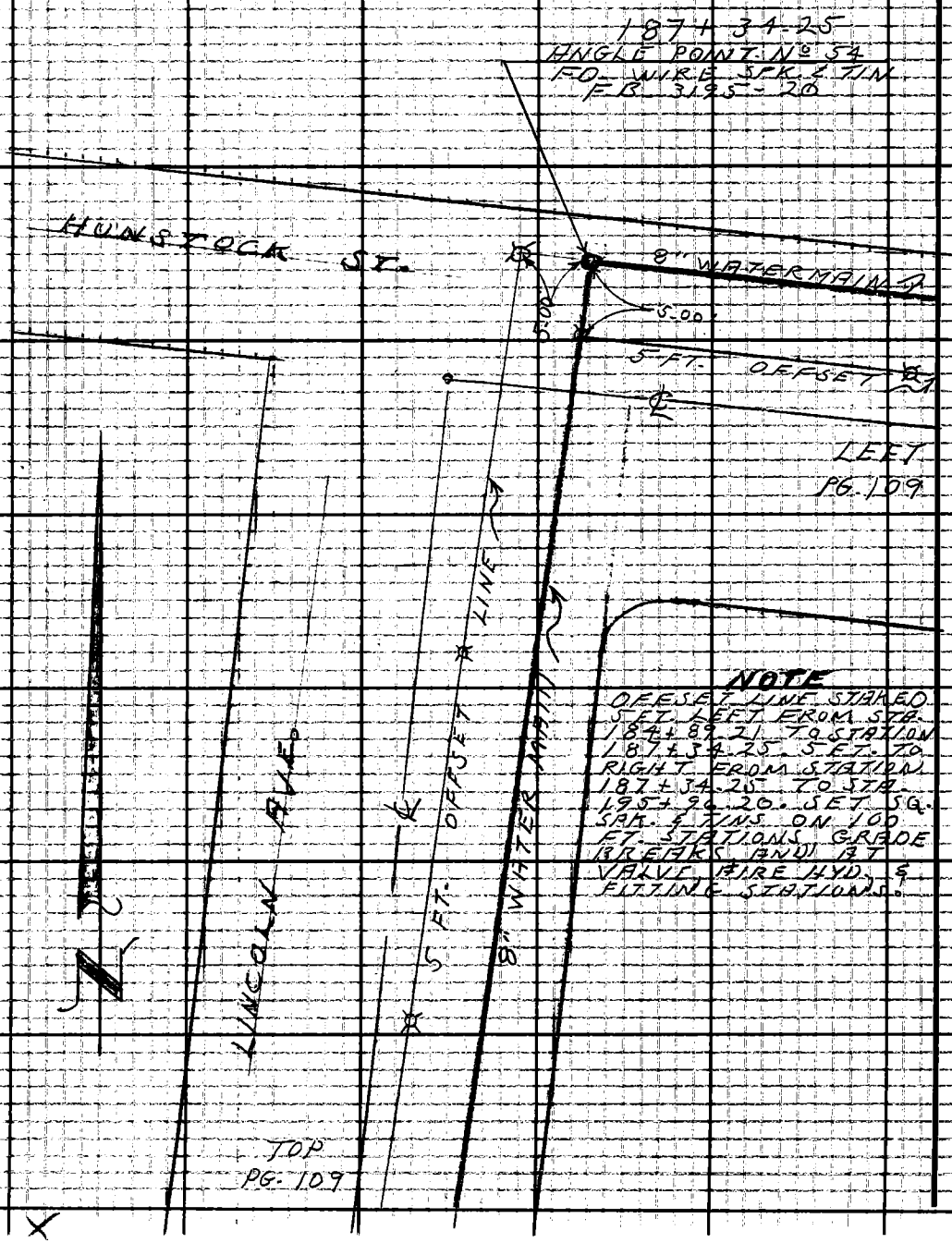
Notes Ck'd by	Survey of W.W. DIST. Nº 36	F. B. 3195 PG. 107
Map No.	JN 5367 J6 Tape 172 Std 84 °F	BOT.
Office Work	Surveyed by L.V. SMITH	PG-106
Checked	Notes L.V.S. Date 5-65	
Date	Indexed C. J. GALLI	

NOTE

OFFSET LINE STAKED 5 FT. TO RIGHT OF ℄ 8" PIPELINE TO STA. 184+89.21 FROM 184+89.21 TO STATION 187+34.25 OFFSET LINE STAKKED 5 FT. TO LEFT TO SG. SPK. & TINS SET AT 100 FT. STATIONS, GRADE BREAKS, AND AT VALVE FIRE HYD. AND FITTING STATIONS.

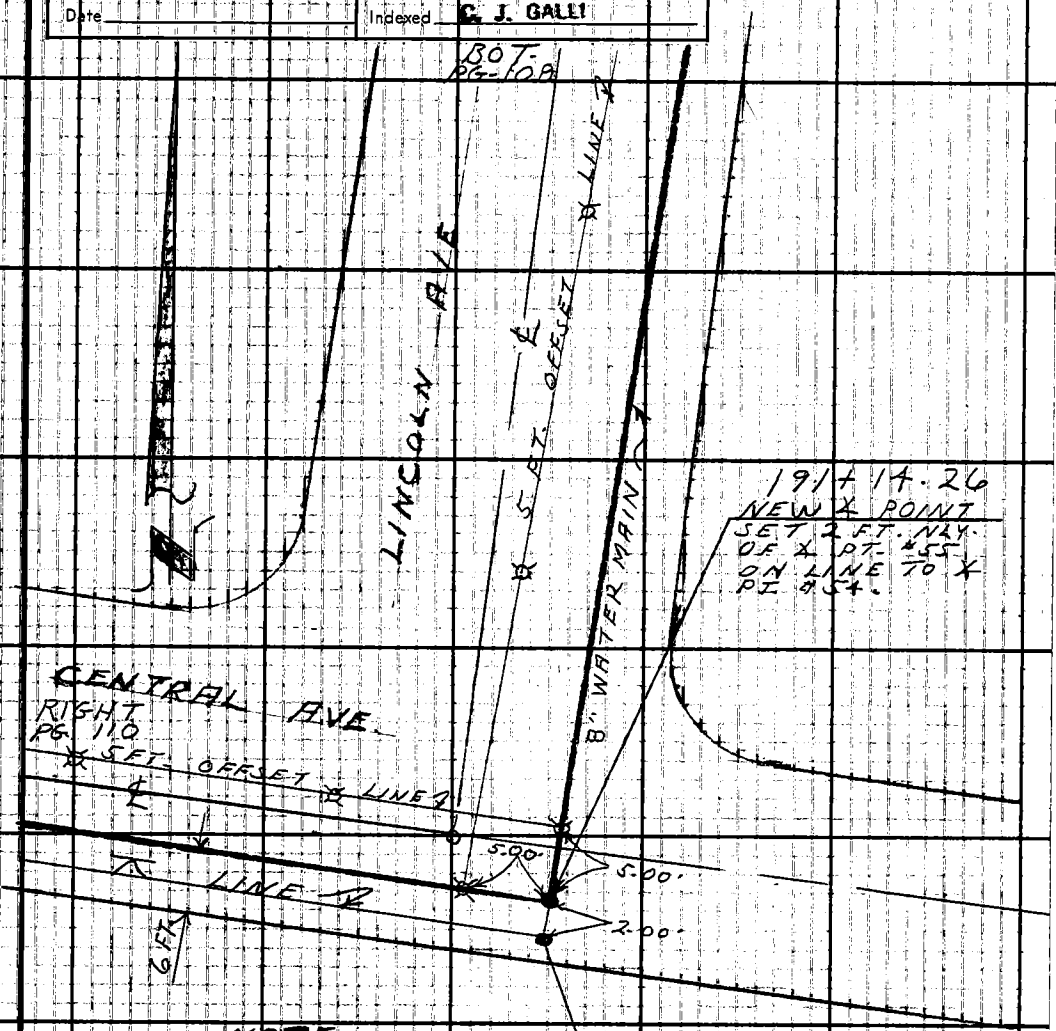


F.B. 3195 PG. 108



Notes Ck'd by	Survey of W-W-DIST. Nº 36
Map No.	JN 5367/16 Tape 172 Std 84 °F
Office Work	Surveyed by L-V. SMITH
Checked	Notes L-V-S- Date 5-65
Date	Indexed C. J. GALLI

F. B. 3195 PG. 109

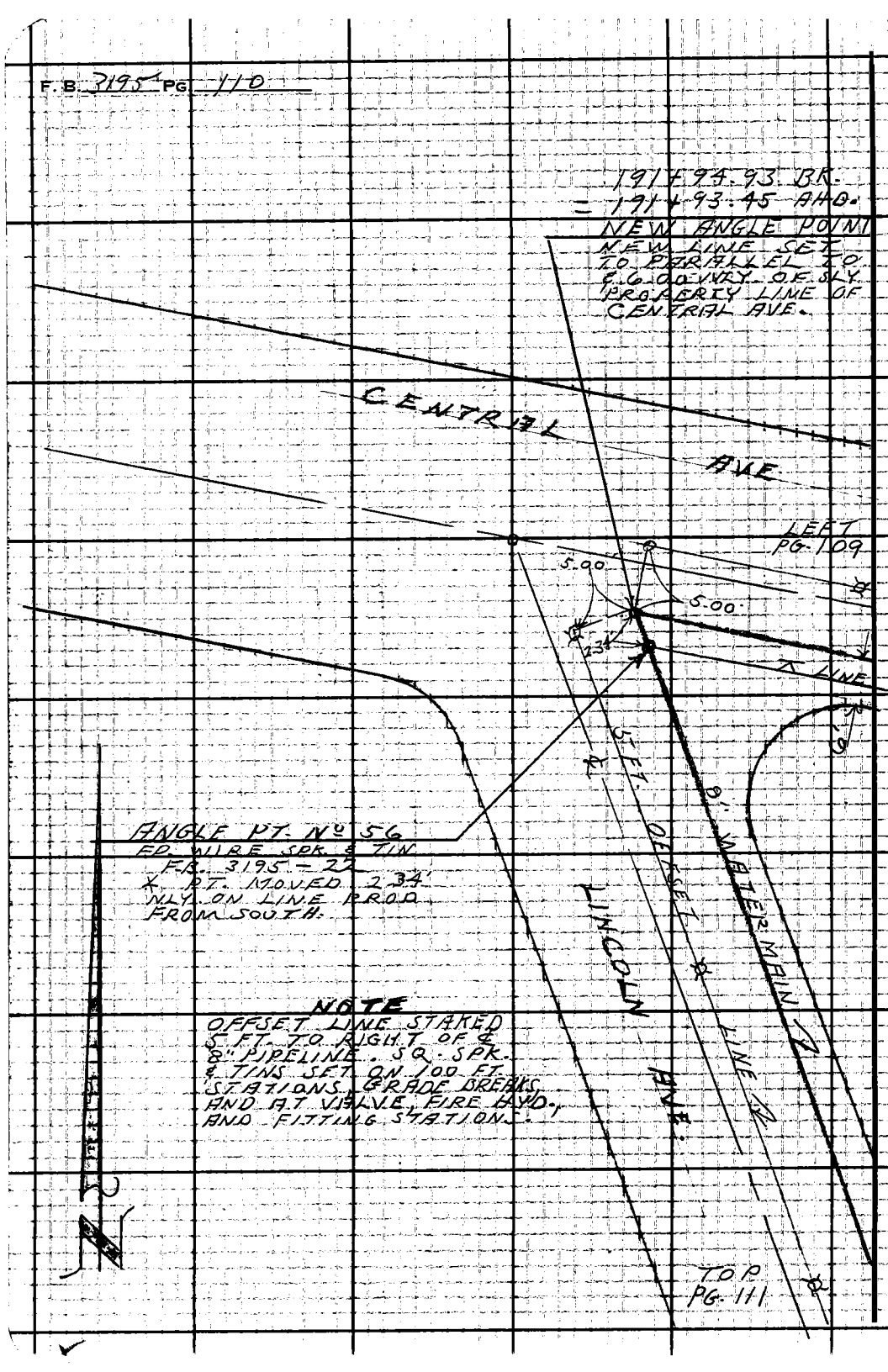


NOTE
OFFSET LINE STAKED
5 FT. TO RIGHT OF ℄
8" PIPELINE. SQ. SPK. &
TINS SET ON 100 FT.
STATIONS, GRADE BREAKS
AND AT VALVE, FIRE HYD.,
& FITTING STATIONS.

ANGLE POINT Nº 55
FD. SPK. & TIN
F.B. 3195 - 21
⊠ PT. MOVED 2 FT. NLY.

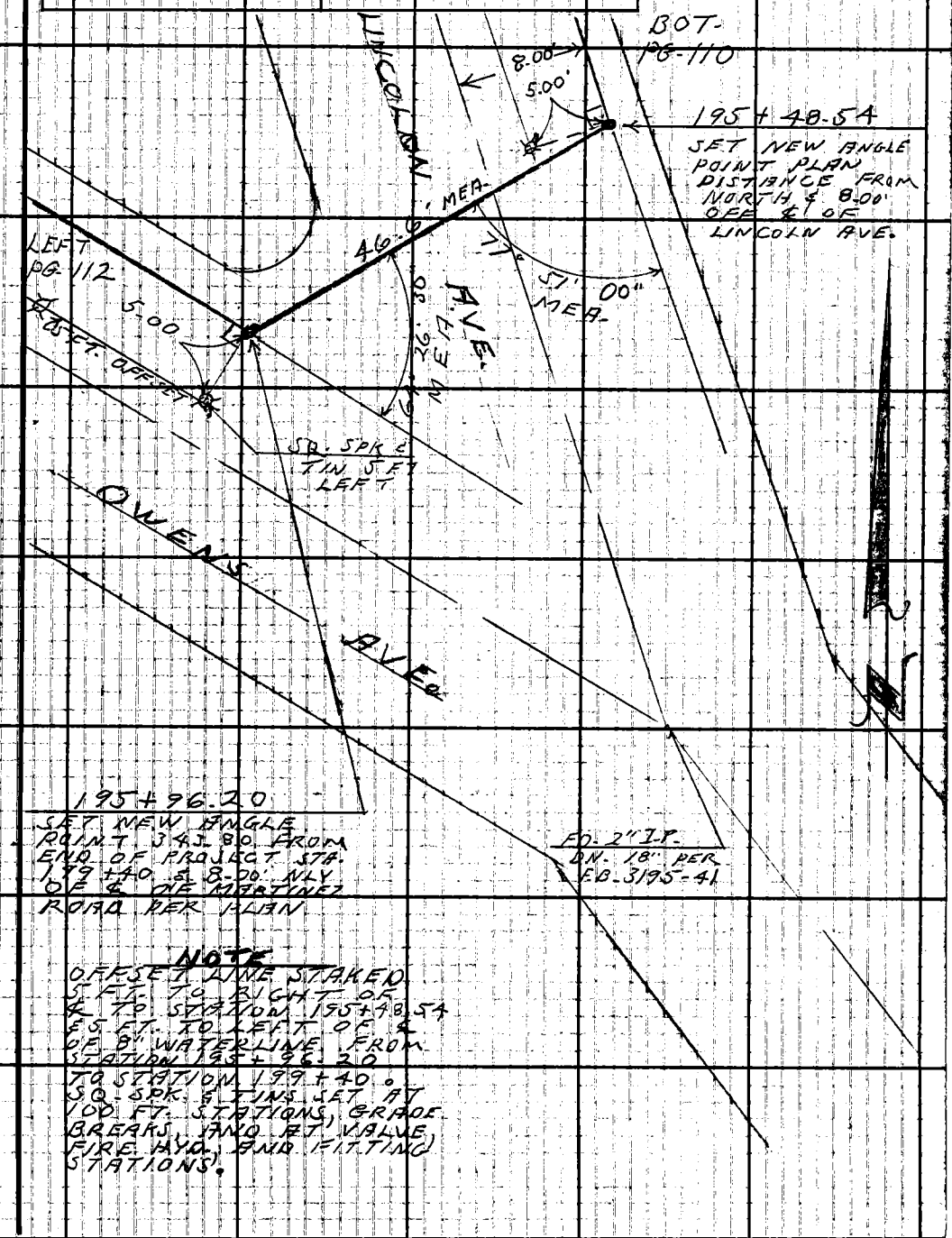
X

F.B. 3195 PG. 110



Notes Ck'd by	Survey of W-W DIST. No. 36
Map No.	JN 5367.16 Tape Std °F
Office Work	Surveyed by L. V. SMITH
Checked	Notes L-V-S- Date 5-65
Date	Indexed C. J. GALLI

F. B. 3195 PG. 111



F.B. 3195 PG. 112

FD. 3/4" DRILL ROD L.O. & T.K. DN-1.8' IN WELL F.B. 3195 PG. 42

199+40
END OF PROJECT - JOIN EXISTING 6" WATER MAIN

8" WATER MAIN

5 FT. OFFSET LEFT

OWENS AVE

CHIQUITO CANYON RD.

8.00

5.00

4.00

NOTE
OFFSET LINE STAKED 5 FT. TO LEFT OF & 8" PIPELINE FROM STATION 195+96.20 TO 199+40. SET S.Q. SPK. & TINS ON 100 FT. STATIONS, VALVE & FIRE HYD. & FITTING STATIONS

Notes Red _____ Plotted _____ Job No. 5367.16 Division No. _____ F.B. 3195 PG. 113
Date _____ Date _____ Survey of W.W. DIST. No 36
Notes Chkd. W. BRENNER Checked _____ Survey by L.V. SMITH Notes L.V.S. Date 3-65
Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date JUL 8 '65

WATERWORKS DISTRICT No 36

VAL VERDE

J.N. 5367.16

PROFILE ON OFFSET LINES ON CONSTRUCTION STAKING FOR 8" WATERLINE FROM WELL AT HONOR FARM WLY. ON HASLEY CN ROAD & DEL VALLE ROAD TO VAL VERDE

MARCH 1965

ELEV.

F.S.

REF	PARTY
F.B. 3195	L.V. SMITH
F.B. 3166	J.M. MALDONADO
	M.E. WACKER
	E.M. GOSHORN

H.I.

B.S.

STATION

Do not extend notes this side of this line.

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.			
T.B.M.				1036.77	T.B.M. ELEV. = 1036.77		
	3.317	1040.087			F.D. CHISELED □ IN		S.W. COR. CONC.
					BASE FLAGPOLE @		MAIN GATE
T.P.	4.352	1039.452	4.987	1035.100	SPK		
T.P.	3.292	1035.483	7.261	1032.191	1×1		
T.B.M. # A	5.160	1035.857	4.786	1030.697	T.B.M. ELEV: 1030.697		
					Fd. C.E. MON PROP. COR		MK. W.W.I.
					GR.	C-OR F.	
10+54.83			4.18	1031.68	1023.32	C-8.36	1×2¼N.
T.P.	3.349	1031.526	7.680	1028.177			1×1
9+90			3.95	1027.58	1020.03	C-7.55	1×2¼ N
9+52			2.98	1028.55	1019.98	C-8.57	1×2¼ N
T.B.M. B	8.871	1038.169	2.228	1029.298			SET SPK IN N. SIDE OF
							MOST W'LY PILEING
							35'± E. OF S. END
							BRIDGE HWY #99
T.P.	6.657	1037.350	7.476	1030.693			C.E. MON.
T.P.	5.213	1039.726	2.837	1034.513			SPK.
T.B.M.			2.960	1036.766	T.B.M. ELEV: 1036.77		

F.B. 3195 PG. 114 Job No. 53676 Division No. Notes Red Plotted
Survey of W.W. Dist No 36 Date Date
Survey by E.V. Smith Notes L.V.S. Notes Chkd. Checked
Indexed C. J. GALLI Date Date

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.			
T.B.M. #A	6.219	1036.916		1030.697	T.B.M. ELEV = 1030.697		
					Fd C.E. MON MARKED PROP COR WW 1		
					GR.	C-OR F.	
0+16			4.88	1032.04	1025.58	C-6.46	1x2 N 16' W & WATEL
0+33			5.85	1031.07	1027.08	C-3.99	18' N.
0+50			4.29	1032.63	1030.08	C-2.55	18' N.
0+75			4.53	1032.39	1030.08	C-2.31	18' N.
0+94			3.98	1032.94	1030.08	C-2.86	18' N.
TP	6.431	1036.577	6.770	1030.146			C.E. MON
T.B.M. #B			7.275	1029.302	T.B.M. ELEV. 1029.298		
U.S.B.M. M52	424	1041 15		1036 91	U.S.B.M. M-52 ELEV. 1036.91		
					FD. BR. CAP MON. ON OLD BRIDGE		
					ABUTMENT. F.B. 3166 - 216		
T.P.	390	1035 26	979	1031 36			
					GR	C. - F.	
x0+14			757	1027 69	1021.08	C-6.61	1x2 & TIN
1+00			790	1027 36	1019.18	C-8.18	" "
2+00	348	1031 16	758	1027 68	1018.68	C-9.00	1x2 & TIN

Notes Red ____ Plotted ____ Job No. 5367J6 Division No. ____ F.B. 3193 PG. 115

Date ____ Date ____ Survey of W.W. DIST. No 36

Notes Chkd. BRENNER Checked J. BRENNER Survey by L.V. SMITH Notes L.V.S. Date 3-6-65

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		103116			GR.	C.-F.
3+00			474	102642	1018.48	C-7.94
3+29.91 = BK			465	102651	1018.58	C-7.93
5+17.56 AH.			477	102639	1018.58	C-7.81
6+00			410	102706	1018.88	C-8.18
6+30 BK			461	102655	1018.98	C-7.57
6+30 AH	726	1033.63	479	1026.37	1018.98	C-7.39
7+00			611	102752	1019.18	C-8.34
8+00			489	102874	1019.48	C-9.26
8+78.9 BK			496	102867	1019.73	C-8.94
8+78.9 AH			514	102849	1019.73	C-8.76
9+18			518	102845	1019.86	C-8.59
9+52 BK			566	102797	1019.98	C-7.99
9+52 AH			510	102853		
T.P.	1031	103839	555	1028.08		
U.S.B.M. M-52			149	1036.90	U.S.B.M. M-52 ELEV. 1036.911	
					FD BRASS CAP MON. ON OLD BRIDGE	
0+14	760	103529		102769	ABUTMENT PER F.B. 3166-216	
12+50			921	102608	1021.08	C-5.0
12+75			249	103280	1021.9	C-10.9
12+94.44			157	103372	1022.6	C-11.1

F.B. 3195 PG. 116

Job No. Division No. Notes Red Plotted

Survey of W.W. DIST No. 36 Date Date

Survey by L.V. SMITH Notes L.V.S. Notes Chkd. Checked

Indexed C. J. GAULL Date Date Date

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GR.	C - F	
U.S.C.&G.S. BM M-52	4 16	1040 91		1036 75	B.M. U.S. 2083 ELEV. = 1036.747 (PER F.B. 3166-162) U.S.C.&G.S. M-52 ABOUT 2.7 MI. SO. OF CASTAIC P.O. ON OLD RIDGE ROUTE HWY. AT A STEEL & CONC. HWY. BRIDGE IN TOP OF W. END OF SO. ABUTMENT. A STD. DISK STAMPED M-52 1926 1953 U.S.C.&G.S. Adj. ELEV. = 1036.747		
12+94.44 = T.P.	2 04	1035 76	7 19	1033 72			
13+00			1 82	1033 94	1022.8	C - 11.1	
14+00			4 16	1031 60	1022.4	C - 9.2	
14+60 BK.			5 22	1030 54	1023.0	C - 7.5	
14+60 AHD			5 21	1030 55	1023.0	C - 7.6	
15+00			5 17	1030 59	1023.1	C - 7.5	
16+00			7 07	1028 69	1023.6	C - 5.1	
16+36.16 BK.			8 04	1027 72	1022.8	C - 4.9	
16+36.16 AHD			8 03	1027 73	1022.8	C - 4.9	
17+00			8 94	1026 82	1021.4	C - 5.4	
17+20			9 16	1026 60	1021.1	C - 5.5	
18+00 T.P.	4 85	1030 56	10 05	1025 71	1020.9	C - 4.8	
19+00			5 35	1025 21	1020.7	C - 4.5	
20+00			5 44	1025 12	1020.4	C - 4.7	
21+00			5 58	1024 98	1020.3	C - 4.7	
21+50			5 13	1025 43	1020.2	C - 5.2	
21+94.73 BK			4 67	1025 89	1021.4	C - 4.5	
21+94.73 AHD			4 70	1025 86	1021.4	C - 4.5	

Notes Red ____ Plotted ____ Job No. 536 Division No. 811 F.B. 3195 Pg. 117

Date ____ Date ____ Survey of W.W. DIST. # 36

Notes Chkd. BRENNER Checked ____ Survey by L.K. SMITH Notes J.M.M. Date 3-9-65

Date ____ Date ____ Map No. ____ Indexed C. J. GALLY Date ____

F.B. 3195 PG. 118 | Job No. 5367.16 | Division No. 11 | Notes Red | Plotted

Survey of W. W. DIST. #36 | Date | Date

Survey by L. V. SMITH | Notes T. M. MALDONADO | Notes Chkd. | Checked

Indexed C. J. GALL | Date | Date

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C - F
		103056				
23+00 T.P.	596	103573	079	102977	1024.6	C- 5.2
23+70			405	103168	1026.8	C- 4.9
23+73.63 BK			403	103170	1026.8	C- 4.9
23+73.63 AHD.			403	103170	1026.8	C- 4.9
24+00			420	103153	1026.7	C- 4.8
24+36.86 BK			378	103195	1026.6	C- 5.4
24+36.86 AHD.			380	103193	1026.6	C- 5.3
25+00			403	103170	1026.4	C- 5.3
25+64.42 BK.			393	103180	1026.2	C- 5.6
25+64.42 AHD.			393	103180	1026.2	C- 5.6
26+00			490	103083	1026.1	C- 4.7
26+50			485	103088	1026.0	C- 4.9
27+01.21 BK.			557	103016	1025.4	C- 4.8
27+01.21 AHD.			557	103016	1025.4	C- 4.8
28+00 T.P.	251	103182	642	102931	1024.4	C- 4.9
29+02.00 BK.			346	102836	1023.5	C- 4.9
29+02.00 AHD.			345	102837	1023.5	C- 4.9
30+00			455	102727	1022.4	C- 4.9
31+00			549	102633	1021.3	C- 5.0
31+19.19 BK			565	102617	1021.0	C- 5.2

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C-F
		1031 82				
31+19.19 AHD.			566	1026 16	1021.0	C- 5.20
31+60			616	1025 66	1020.6	C- 5.10
32+00			579	1026 03	1020.6	C- 5.40
32+80 T.P.	382	1030 81	483	1026 99	1020.7	C- 6.30
32+86.19 BK.			390	1026 91	1020.7	C- 6.20
32+86.19 AHD.			391	1026 90	1020.7	C- 6.20
33+00			396	1026 85	1020.7	C- 6.20
34+00			532	1025 49	1020.8	C- 4.70
34+10			537	1025 44	1020.8	C- 4.60
35+00			584	1024 97	1020.4	C- 4.60
35+30			553	1025 28	1021.3	C- 4.00
35+70			523	1025 53	1021.4	C- 4.20
36+16.14 BK.			465	1026 16	1021.7	C- 4.50
36+16.14 AHD.			466	1026 15	1021.7	C- 4.50
36+50 GRD. BRK.			414	1026 67	1022.2	C- 4.50
36+86.28 BK			212	1028 69	1023.6	C- 5.10
36+86.28 AHD.			229	1028 52	1023.6	C- 4.90
37+50 GRD. BRK.	T.P. 878	1038 97	062	1030 19	1026.6	C- 3.60
37+76.61 BK.			758	1031 39	1026.8	C- 4.60
37+81.38 AH.			768	1031 29	1026.8	C- 4.50

Notes Red ____ Plotted ____ Job No. 5367.16 Division No. 11 F.B. 5175 PG. 119

Date ____ Date ____ Survey of W.W. DIST. #36

Notes Taken BRENNER Checked ____ Survey by L.V.S.M.T.H. Notes J.M.M. Date ____

Date ____ Date ____ Map No. ____ Indexed C. J. GAULT Date ____

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		103897			GRADE	C – F
38+00			746	103151	1026.9	C - 4.60
38+73.38 BK			728	103169	1027.4	C - 4.30
38+73.38 AH			729	103168	1027.4	C - 4.30
39+00			685	103212	1027.6	C - 4.50
39+83			592	103305	1028.2	C - 4.90
40+00			570	103327	1028.4	C - 4.90
40+30			533	103364	1028.6	C - 5.00
41+00			455	103442	1029.7	C - 4.70
42+00	963	104579	281	103616	1031.1	C - 5.10
43+00			835	103744	1032.6	C - 4.80
43+50			751	103828	1033.4	C - 4.90
44+00			645	103934	1034.4	C - 4.90
45+00			416	104163	1036.4	C - 5.20
45+39.0			312	104267	1037.2	C - 5.50
45+54.22 BK			275	104304	1037.5	C - 5.50
45+54.22 AH.			273	104306	1037.5	C - 5.60
45+78.10 BK			232	104347	1038.3	C - 5.20
45+78.10 AH			234	104345	1038.3	C - 5.20
46+00	1184	105591	172	104407	1039.0	C - 5.10
47+00			832	104759	1042.6	C - 5.00

F.B. 3195 PG. 120 | Job No. 5367.16 | Division No. | Notes Red | Plotted
Survey of | Date | Notes Chkd | Date | Checked
Survey by | Notes | Date | Date
Indexed C. J. GALL

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		1055 91			GRADE	C-F
48+00			331	1052 60	1047.3	C-5.3
T.P.	12 00	1067 03	088	1055 03		
49+00			992	1057 11	1052.2	C-4.9
49+80			492	1062 11	1057.4	C-4.7
49+92.76 BK			400	1063 03	1058.2	C-4.8
49+92.76 AH			402	1063 01	1058.2	C-4.8
50+00			346	1063 57	1059.0	C-4.6
T.P.	11 75	1077 77	101	1066 02		
51+00			548	1072 29	1067.3	C-5.0
T.P.	11 90	1089 27	040	1077 37		
52+00			858	1080 69	1075.9	C-4.8
52+40			541	1083 86	1079.1	C-4.8
53+00	11 94	1100 18	103	1088 24	1082.1	C-6.1
53+28.69 BK.			997	1090 21	1083.6	C-6.6
" " AH.			992	1090 26	1083.6	C-6.7
53+80			780	1092 38	1086.5	C-5.9
53+92.80 BK			699	1093 19	1086.7	C-6.5
" " AH.			696	1093 22	1086.7	C-6.5
54+00			691	1093 27	1087.0	C-6.3
B.M.			148	1098 70		

Notes Red ____ Plotted ____ Job No. 5367.16 Division No. ____ F.B. 3195 PG. 121

Date ____ Date ____ Survey of W.W. DIST. #36

Notes Chkd. W. J. BRENNEN Checked ____ Survey by L.V. SMITH Notes ____ Date 3-10-65

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C - F	
B.M. P-72	1 38	11 0022		1098 84	BM. P-72 ELEV. = 1098.836 F.B. 3166-166 STD. CO. ENGR. BR. CAP. MON. STAMPED "P-72"		
54+60			6 83	1093 39	1088.4	C- 5.0	
55+00			7 50	1092 72	1087.6	C- 5.1	
56+00			10 30	1089 92	1084.9	C- 5.0	
56+17.58 BK			10 77	1089 45	1084.4	C- 5.1	
56+17.58 AH.			10 74	1089 48	1084.4	C- 5.1	
56+50	4 57	1092 94	11 85	1088 37	1083.6	C- 4.8	
56+89.26 BK			5 53	1087 41	1082.5	C- 4.9	
56+89.26 AH.			5 49	1087 45	1082.5	C- 5.0	
56+98			5 64	1087 30	1082.4	C- 4.9	
57+38			6 24	1086 70	1080.3	C- 6.4	
57+58			6 13	1086 81	1079.9	C- 6.9	
58+18			5 53	1087 41	1080.2	C- 7.2	
58+57.00 BK.			4 90	1088 04	1082.1	C- 5.9	
58+57.00 AH.			4 89	1088 05	1082.1	C- 6.0	
59+00			3 89	1089 05	1084.2	C- 4.9	
60+00			1 48	1091 46	1086.5	C- 5.0	
T.P.	11 79	11 04 38	0 35	1092 59			
61+00			10 53	1093 85	1088.9	C- 5.0	

F.B. 3195 PG. 122 Job No. 5367.16 Division No. 11 Notes Red Plotted
Survey of W. W. DIST. #36 Date Date
Survey by L. V. SMITH Notes Notes Chkd Checked
Indexed G. J. GALL Date Date

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C - F
		110438				
62+00			814	109624	1090.3	C- 5.9
63+00			597	109841	1093.8	C- 4.6
63+70			451	109987	1095.4	C- 4.5
64+00			388	110050	1095.9	C- 4.6
65+00			163	110275	1098.0	C- 4.8
T.P.	1127	111525	040	110398		
66+00			972	110553	1100.8	C- 4.7
67+00			685	110840	1103.7	C- 4.7
68+00			407	111118	1106.6	C- 4.6
69+00			102	111423	1109.5	C- 4.7
T.P.	1188	112684	029	111496		
70+00			961	111723	1112.4	C- 4.8
71+00			634	112050	1115.3	C- 5.2
72+00			323	112361	1118.3	C- 5.3
T.P.	1173	113782	075	112609		
73+00			1084	112698	1121.2	C- 5.8
73+12			1036	112746	1121.7	C- 5.8
73+49.26 BK			884	112898	1123.6	C- 5.4
73+49.26 AH.			881	112901	1123.6	C- 5.4
74+00			702	113080	1126.2	C- 4.6

Notes Red ____ Plotted ____ Job No. 5367.16 Division No. 11 F.B. 3175 PG. 123
Date ____ Date ____ Survey of W.W. DIST. No 36
Notes Unkd. BRENNER Checked ____ Survey by L.V. SMITH Notes L.V.S. Date 3-10-65
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C. - F.	
		1137 82					
75+00			274	113508	1130.3	C- 4.8	
75 +30.51 BK			147	113635	1131.2	C- 5.2	
∡ PT. #22	1199	114513	468	113314			∡ PT. #22 PG
75+30.51 LINE AHD.			875	113638	1131.2	C - 5.2	
76+00			658	113855	1133.2	C - 5.3	
77+00			394	114119	1136.2	C - 5.0	
78+00 T.P.	1123	115545	091	114422	1139.1	C - 5.1	
79+00			840	114705	1141.9	C - 5.1	
80+00			549	114996	1145.0	C - 5.0	
80+18.9 GR. BRK.			514	115031	1145.0	C - 5.3	
80+18.9 AHD			513	115032	1145.0	C - 5.3	
BM P-71	096	115535	106	115439			
81+00			558	114977	1145.0	C-4.8	
82+00			610	114925	1145.1	C-4.1	
83+00			502	115033	1145.2	C 5.1	
83+75.9 GR. BRK. LINE BK.			434	115101	1145.2	C-5.8	
83+76.95 LINE AHD.			434	115101	1145.2	C-5.8	
83+85 GR. BRK.			443	115092	1145.4	C-5.5	
84+00 TP.	615	115684	466	115069	1145.4	C-5.3	
84+94.78 LINE BK.			567	115117	1145.8	C-5.4	

F.B. 3195 PG. 124 Job No. 5367-16 Division No. 11 Notes Red ____ Plotted ____
Survey of W.W. DIST. No. 36 Date ____ Date ____
Survey by L.V. SMITH Notes L.V.S. Notes Chkd. ____ Checked ____
Indexed C. J. GALL Date ____ Date ____

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT - FILL
		115684				
84+94.78 AHD			566	115118	1145.8	C-5.4
85+00			568	115116	1145.8	C-5.4
86+00			544	115140	1146.4	C-5.0
86+46.07 BK			515	115169	1146.5	C-5.2
86+46.07 AHD			515	115169	1146.5	C-5.2
87+00			511	115173	1146.5	C-5.2
87+94 GR. BRK.			473	115211	1146.6	C-5.5
88+00			466	115218	1146.6	C-5.6
89+01.45 BK			258	115426	1150.0	C-4.3
89+05.45 AHD.			262	115422	1150.0	C-4.2
89+82.70 BK.			052	115632	1151.5	C-4.8
89+82.70 AHD.	1196	116818	062	115622	1151.5	C-4.7
90+00			1194	115624	1151.9	C-4.3
91+00			961	115857	1154.0	C-4.6
91+22.92 BK			890	115928	1154.2	C-5.1
91+22.92 AHD			892	115926	1154.2	C-5.1
91+50 GR. BRK.			845	115973	1155.2	C-4.5
92+00			710	116108	1156.5	C-4.6
93+00			382	116436	1159.5	C-4.9
94+00 T.P.	1113	117832	099	116719	1162.5	C-4.7

Notes Red ____ Plotted ____ Job No. 3007.16 Division No. 11 F.B. 3195 Pg. 125

Date ____ Date ____ Survey of W. W. DIST. #36

Notes Chkd. W. J. BREININGER Checked ____ Survey by L.V. SMITH Notes J.M.M. Date 3-16-63

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

F.B. 3195 PG. 126 | Job No. 5367.16 | Division No. 1 | Notes Red | Plotted
Survey of W. W. DIST. 36 | Date | Date
Survey by J. V. SMITH Notes J. M. MALDONADO | Notes Chkd. | Checked
Indexed C. I. GALLI Date | Date | Date

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT - FILL
		1178 32				
95+00			7 75	117057	1165.5	C-5.1
95+40 VALVE			6 30	117202	1166.8	C-5.2
95+50 GRD. BRK.			5 91	117241	1167.2	C-5.2
96+00			4 03	117429	1168.6	C 5.7
97+01 .41 T.P. LWBK.	11 12	1189 22	0 22	117810	1171.6	C-6.5
97+01 .41 W.AHD.			11 06	117816	1171.6	C-6.6
97+60 GR. BRK.			10 59	117863	1173.6	C.5.0
98+00			9 39	117983	1175.0	C-4.8
99+00			6 29	118293	1177.9	C-5.0
99+60 GR BRK.			4 59	118463	1179.5	C-5.1
99+78.50 BK.			4 16	118506	1179.9	C-5.2
99+78.50 AHD			4 18	118504	1179.9	C-5.1
100+00			3 91	118531	1180.3	C-5.0
101+00 GR. BRK			2 12	118710	1182.6	C-4.5
BT. SPK. W. & TIN T.P.	9 64	1198 26	0 60	118862		
102+00			7 78	119048	1186.1	C-4.4
102+66.00 BK			5 01	119325	1188.4	C-4.8
102+66.00 AHD			4 96	119330	1188.4	C-4.9
103+00 GR. BRK.			4 44	119382	1189.8	C-4.0
103+39.07 BK			3 86	119440	1189.9	C-4.5

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT-FILL
		1198 26				
103+39 .07 AHD			386	1194 40	1189.8	C-4.6
103+43 VAL.			387	1194 39	1189.8	C-4.6
103+60 GR. BRK			392	1194 34	1189.9	C-4.5
104+00			380	1194 46	1189.9	C-4.6
105+00			364	1194 62	1190.0	C-4.6
105+07 .94 BK			362	1194 64	1190.0	C-4.6
105+44 .93 AHD			362	1194 64	1190.0	C-4.6
106+00 GR. BRK			365	1194 61	1190.2	C-4.4
106+44 T.P. GR. BRK	1071	1205 33	364	1194 62	1190.4	C-4.2
107+00 GR BRK.			1022	1195 11	1190.6	C-4.5
108+00			917	1196 16	1192.0	C-4.2
108+95 .95 BK.			720	1198 13	1193.3	C-4.8
108+95 .05 AHD			720	1198 13	1193.3	C-4.8
109+00			708	1198 25	1193.5	C-4.8
109+80 GR. BRK.			350	1201 83	1196.7	C-5.1
110+00 T.P.	1127	1214 64	196	1203 37	1198.0	C-5.4
111+00			510	1209 54	1204.9	C-4.6
111+20			410	1210 54	1206.4	C-4.1
112+00			235	1212 29	1207.4	C-4.9
112+04			235	1212 29	1207.5	C-4.8
112+22 .28 BK			239	1212 25	1206.9	C-5.4

Notes Red ____ Plotted ____ Job No. 5367.16 Division No. 11 F.B. 3195 Pg. 127

Date ____ Date ____ Survey of W.M. DIST #36

Notes Chk. W. BRENNER Checked ____ Survey by L.V.S. Notes J.M.M. Date 3-16-65

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT-FILL
		1214 64				
112+22 28 AHD			241	121223	1206.9	C-5.3
112+40 GR. BRK.			296	121168	1206.4	C-5.3
113+00			505	120959	1203.9	C-5.7
114+00			888	120576	1200.1	C-5.7
Sa.Hd.Spk. T.P.	519	120842	1141	120323		
115+00			720	120122	1196.4	C-4.8
115+20 GR. BRK			788	120054	1195.8	C-4.7
116+00			906	119936	1194.7	C-4.7
116+40 GR. BRK			875	119967	1194.4	C-5.3
117+00 TEE			790	120052	1195.7	C-4.8
118+00			535	120307	1198.0	C-5.1
119+00			331	120511	1200.4	C-4.7
120+00 T.P.	1028	121824	046	120796	1202.8	C-4.2
120+70 GR. BRK.			860	120964	1204.6	C-5.0
121+00			883	120941	1204.6	C-4.8
121+24 26 BK			892	120932	1204.6	C-4.7
121+24 26 AHD			891	120933	1204.6	C-4.7
BMP #70			022	121802	B.M.P-70 ELEV. = 1217.99	F.B. 3195-24
B.M.P #70	209	122008		1217.99		

F.B. 3195 PG. 128 | Job No. 5367.16 | Division No. 11 | Notes Red | Plotted

Survey of W. IV. DIST #36 | Date | Date

Survey by L.V. SMITH | Notes T.M. MALDONADO | Notes Chkd. | Checked

Indexed C. J. GALLI | Date | Date

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C-F	
		122008					
121+50			1113	120895	1204.58	C- 4.4	FH.
121+92			1077	120931	1204.67	C- 4.6	
122+00			1054	120954	1204.68	C- 4.8	
123+00			768	121240	1207.30	C- 5.1	
123+50			664	121344	1208.78	C- 4.6	GR. BRK.
124+00			680	121328	1208.9	C- 4.4	
124+70			615	121393	1209.2	C- 4.8	" "
125+00			540	121468	1209.7	C- 5.0	
125+28.73 BK			484	121524	1210.3	C- 4.9	
" " AH.			487	121521	1210.3	C- 4.9	
126+00			317	121691	1211.8	C- 5.1	
127+00	1095	122972	131	121877	1213.8	C- 5.0	
127+50			1000	121972	1214.88	C-4.8	
128+00			887	122085	1216.2	C-4.7	TEE.
128+10			855	122117	1216.5	C-4.7	
129+00			593	122379	1219.1	C-4.7	
130+00			269	122703	1222.0	C-5.0	
130+70	1191	124131	032	122940	1224.18	C-5.2	GR. BRK.
131+00			1054	123077	1225.5	C-5.3	
132+00			648	123483	1229.8	C-5.0	

Notes Red ____ Plotted ____ Job No. 5367.16 Division No. ____ F.B. 3175 PG. 129

Date ____ Date ____ Survey of W.W. DIST. No 36

Notes Checked ____ Checked ____ Survey by L.V. SMITH Notes L.V.S. Date MARCH 29-65

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C-F	
		1241 31					
133+00			203	1239 28	1233.7	C- 5.6	
133+18 77 BK.			112	1240 19	1234.4	C- 5.8	
" AHD.	11 47	1251 70	108	1240 23	1234.4	C- 5.8	
134+00			921.	1242 49	1237.6	C- 4.9	
134+50			675	1244 95	1239.88	C- 5.1	F.H. & GR. BRK.
134+90 12 BK.			369	1248 01	1242.2	C- 5.8	
AHD.			355	1248 15	1242.2	C- 6.0	
135+00			317	1248 53	1242.9	C- 5.6	
135+30	11 50	1261 49	171	1249 99	1245.08	C- 4.9	GR. BRK.
136+00			788	1253 61	1248.3	C- 5.3	
137+00			310	1258 39	1253.0	C- 5.4	
T.P.	11 69	1271 88	130	1260 19			
138+00			899	1262 89	1257.8	C- 5.1	
139+00			491	1266 97	1262.0	C- 5.0	
140+00	982	1280 61	109	1270 79	1265.8	C- 5.0	
141+00			612	1274 49	1269.6	C- 4.9	
141+43 03 BK			458	1276 03	1271.2	C- 4.8	
" AHD.			460	1276.01	1271.2	C- 4.8	
T.P. -129+00	11 08	1287 21	448	1276 13			OLD STA. 129+00
141+97 44 BK			924	1277 97	1273.4	C- 4.6	

F.B. 3195 Pg. 130

Job No. Division No. Notes Red Plotted

Date Date

Survey of Notes Chkd. Checked

Survey by Notes Date

Indexed C. J. GALLO Date

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	
		1287 21					
141+97 44 AHD			927	1277 94	1273.4	C - 4.5	
142+00			916	1278 05	1273.4	C - 4.7	GRADE BREAK
142+62			676	1280 45	1275.2	C - 5.3	" "
143+00			502	1282 19	1277.6	C - 4.6	" "
144+00	11 93	1298 62	052	1286 69	1282.1	C - 4.6	
145+00			758	1291 04	1286.6	C - 4.4	
145+16 99 BK			693	1291 69	1287.2	C - 4.5	
" " AHD			697	1291 65	1287.2	C - 4.5	
145+75			396	1294 66	1289.3	C - 5.4	" "
146+00	11 90	1307 83	269	1295 93	1290.3	C - 5.6	
146+71 33 BK			787	1299 96	1293.8	C - 6.2	
AHD			800	1299 83	1293.8	C - 6.1	
147+00			682	1301 01	1295.3	C - 5.7	
147+44			499	1302 84	1297.5	C - 5.3	" " F. HYD.
148+00	11 89	1317 38	234	1305 49	1300.3	C - 5.2	
149+00			719	1310 19	1305.2	C - 5.0	
149+60			443	1312 95	1308.5	C - 4.5	" "
150+00			204	1315 34	1310.4	C - 4.9	
150+06 23 BK			170	1315 68	1310.7	C - 5.0	
150+03 23 AHD	11 94	1327 67	165	1315 73	1310.7	C - 5.0	

Notes Red _____ Date _____ Plotted _____ Date _____ Job No. _____ Division No. _____

Notes Chkd. BRENNER Date _____ Checked _____ Date _____ Survey of W.W.D.S.T. Survey by _____ Notes _____ Date _____

Map No. _____ Indexed C. L. CALL Date _____

F.B. 3175 Pg. 131

Do not extend notes this side of this line.

F.B. 3195 PG. 132

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

Date ____ Date ____ Date ____ Date ____

Notes ____ Notes Chkd. ____ Checked ____

Survey of ____

Survey by ____

Indexed C. J. GALL

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C-F	
		132767					
151+00			692	132075	1315.8	C-5.0	
151+50			1390	132377	1318.6	C-5.2	GRADE BRK.
152+00	1166	133887	046	132721	1322.2	C-5.0	
153+00			391	133496	1329.6	C-5.4	
153+26 03 BK			172	133715	1331.5	C-5.7	
" " AHD.	1166	134887	166	133721	1331.5	C-5.7	
154+00			606	134281	1337.0	C-5.8	
154+90	188	135042	033	134854	1343.8	C-4.7	" "
155+10			093	134949	1344.8	C-4.7	" "
155+29 62 BK			042	135000	1345.1	C-4.9	
" " AHD			041	135001	1345.1	C-4.9	
155+30			041	135001	1345.2	C-4.8	" "
155+50			073	134969	1344.9	C-4.8	" "
155+70			152	134890	1344.4	C-4.5	" "
155+90			272	134770	1343.4	C-4.3	" "
156+00			342	134700	1342.5	C-4.5	" "
156+40			665	134377	1339.8	C-4.0	"
T.P.	038	133929	1151	133891			
157+00			104	133825	1333.7	C-4.6	
158+00	022	132900	1051	132878	1324.0	C-4.8	

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C - F	
		1329 00					
159+00			980	1319 20	1314.8	C-4.4	
T. P.	051	1317 68	1183	1317 17			
159+50 BK			273	1314 95	1310.2	C 3.8	
" " AHD.			270	1314 98	1310.2	C 3.8	
160+00			754	1310 14	1305.6	C 4.5	
160+36 7/9 BK			1079	1306 89	1302.2	C-4.7	
" " AHD	050	1307 46	1072	1306 96	1302.2	C 4.8	
161+00			628	1301 18	1296.7	C-4.5	
161+02 3/9 BK.			646	1301 00	1296.6	C-4.4	
" " AHD.			643	1301 03	1296.6	C-4.4	
161+50			[illegible]	1297 50	1292.3	C-5.2	[illegible]
161+60			1050	1296 96	1291.7	C-5.3	
161+69 21/9 BK			1107	1296 39	1290.9	C-5.5	
" " AHD	053	1296 99	1100	1296 46	1290.9	C-5.6	
162+00			251	1294 48	1288.9	C-5.6	
163+00			982	1287 17	1282.6	C-4.6	
T. P.	019	1285 27	1191	1285 08			
164+00			497	1280 30	1276.2	C-4.1	
165+00	020	1274 27	1120	1274 07	1270.0	C-4.1	
166+00			637	1267 40	1263.6	C-3.8	" "

Notes Red ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of ____
Notes Checked ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3/95 Pg. 133

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C. — F.	
		1274 27					
T.P.	083	1263 20	11 90	1262 37			
166+80			1 04	1262 16	1258.0	C-4.2	GRADE BREAK
167+00			1 84	1261 36	1257.4	C-4.0	
167+70			3 48	1259 72	1255.6	C 4.1	TEE
168+00			3 72	1259 48	1254.7	C-4.8	
168+80			6 59	1256 61	1252.6	C-4.0	GR. BRK.
169+00			7 71	1255 49	1251.3	C-4.2	
169+42			9 75	1253 45	1248.8	C-4.7	" "
170+00	028	1251 71	11 77	1251 43	1246.6	C-4.8	
170+50			2 43	1249 28	1244.8	C-4.5	" "
171+00			4 88	1246 83	1242.3	C-4.5	
172+00			9 65	1242 06	1237.4	C-4.7	
T.P.	041	1240 42	11 70	1240 01			
173+00			3 30	1237 12	1232.6	C-4.4	
174+00			8 08	1232 34	1227.7	C-4.6	
174+30 BK.			9 48	1230 94	1226.3	C-4.6	
" " AHD.			9 53	1230 89	1226.3	C-4.6	
174+35			9 65	1230 77	1226.1	C-4.7	VALVE
174+70			11 20	1229 22	1224.4	C-4.8	GR. B
T.P. & PT. 49			11 56	1228 86			

F.B. 3195 PG. 134 Job No. Division No. Notes Red Plotted
Date Date
Notes Chkd. Checked
Date Date
Notes
Date
Survey of
Survey by
Indexed C. J. GALLI

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C-F.	
ANGLE PT. #49	0 62	1229 48		1228 86	TBM ANGLE PT. #49 ELEV. 1228.86		
174+86.8			144	122804	1223.8	C-4.2	LINE BK
174+86.8			151	122797	1223.8	C 4.2	" AHD
175+50			344	122604	1221.8	C-4.2	G.B.
175+63.95			382	122566	1221.6	C-4.1	LINE BK
175+74.68			386	122562	1221.6	C-4.0	" AHD.
176+00			454	122494	1220.4	C-4.5	
176+70			623	122325	1218.8	C-4.5	G.B.
177+00			708	122240	1217.2	C-5.2	
178+00 T.P.	0 27	1218 38	1137	121811	1213.6	C-4.5	T.P.
178+95.71			396	121442	1210.0	C-4.4	LN. BK.
" "			399	121439	1210.0	C-4.4	" AHD
179+00			415	121423	1209.9	C-4.3	
179+76			681	121157	1207.1	C-4.5	F. HYD.
179+80			695	121143	1206.9	C 4.5	VALVE
180+00			762	121076	1206.2	C-4.6	
180+30			869	120969	1205.1	C-4.6	TEE
180+37.17			896	120942	1204.8	C-4.6	LN. BK
" "			912	120926	1204.8	C-4.5	" AHD
180+51.31			943	120895	1204.4	C-4.6	LN BK
" "			950	120888	1204.4	C-4.5	LN. AHD

Notes Red. Plotted Job No. 5367.16 Division No. 11 F.B. 3195 PG. 135

Date Date Survey of W.W. DIST. #36

Notes Checked Survey by L.V. SMITH Notes J.M.M. Date 4-12-65

Date Date Map No. Indexed C. J. GALLI Date

RENNER

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C-F	
		1218 38					
181+00	037	1207 50	11 25	1207 13	1202.8	C-4.3	5'
181+26			096	1206 54	1202.2	C-4.3	G.B.
181+37 60			1 24	1206 26	1202.0	C-4.3	LN BK.
181+38 00			1 25	1206 25	1202.0	C-4.3	LN. AHD
182+00			2 95	1204 55	1199.9	C 4.7	
182+23			3 67	1203 83	1199.2	C-4.6	F. HYD & TE
182+30			3 88	1203 62	1199.0	C-4.6	V.
182+59			4 84	1202 66	1198.1	C-4.6	TEE
183+00			6 09	1201 41	1196.8	C-4.6	
183+50			7 81	1199 69	1195.4	C-4.3	G.B.
184+00			9 41	1198 09	1194.1	C-4.0	
184+54			10 25	1197 25	1192.7	C-4.6	TEE
184+60			10 07	1197 43	1192.5	C-4.9	V.
184+89 21			9 30	1198 20	1191.8	C-6.4	LN. BK.
" "			9 30	1198 20	1191.8	C-6.4	5 FT. OFFSET L. " AHD.
185+00			9 77	1197 73	1191.5	C-6.2	" " " "
SPK & T. T.P.	029	1196 97	10 82	1196 68			" SQ. HD. SPK. & T.
185+50			1 78	1195 19	1190.4	C-4.8	" " " " G.B.
186+00			1 95	1195 02	1190.1	C-4.9	" " " "
187+00			2 81	1194 16	1189.7	C-4.5	" " " "

F.B. 3195 Pg. 136 Job No. 5367.16 Division No. 11 Notes Red Plotted
Survey of W. W. DIST. #36 Date Date
Survey by L. V. SMITH Notes T.M.M. Notes Chkd. Checked
Indexed C. J. GALLY Date Date Date

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C-F	
		119697					5' OFFSET L.
187+32.25			283	119414	1189.6	C-4.4	" " " F. HYD. & TEE
187+34.25			284	119413	1189.6	C-4.4	" " " LN. BK.
187+34.25			250	119447	1189.6	C-4.9	" " " RIGHT LN. AHD.
187+43.25			284	119413	1189.5	C-4.6	" " " " VALVE
187+50			301	119396	1189.5	C-4.5	" " " " G.B.
188+00			473	119224	1188.1	C-4.1	" " " "
189+00			745	118952	1185.3	C-4.2	" " " "
189+29.30			828	118869	1184.2	C-4.5	" " " " TEE
189+37			846	118851	1184.1	C-4.4	" " " " VALVE
189+58			900	118797	1183.6	C-4.4	" " " " TEE
189+70			933	118764	1183.4	C-4.2	" " " " G.B.
190+00			964	118733	1182.7	C-4.6	
191+00 T.P.	171	118682	1186	118511	1180.7	C-4.4	T.P.
191+14.26			300	118482	1180.3	C-4.5	LN. AHD.
191+17			185	118497	1180.3	C-4.7	FD. [illegible]
191+20			193	118489	1180.2	C-4.7	VALVE
191+28			219	118463	1180.2	C-4.4	G.B.
191+94.93			342	118340	1178.0	C-5.4	LN. BK
191+93.45			364	118318	1178.0	C-5.2	" AHD.
192+00			382	118300	1177.9	C-5.1	

Notes Red. ____ Plotted ____ Job No. 5367.16 Division No. ____ F.B. 5175 PG. 151

Date ____ Date ____ Survey of W.W. DIST. #36

Notes Chkd. BRENNER Checked ____ Survey by L.V. SMITH Notes J.M.M. Date 4-12-65

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C-F	
		118682					
192+90.94			762	117920	1175.0	C-4.2	5' OFFSET R. TEE
193+00			787	117895	1174.7	C-4.3	" " "
193+04			798	117884	1174.6	C-4.2	" " " G.B.
194+00 T.P.	517	118157	1042	117640			" " " TEE
195+00			748	117409			" " "
195+46.54			857	117300			" " " VALVE
195+48.54			861	117296			" " " LN. BK.
195+96.20			877	117280			5' OFFSET L. " AHD.
196+00			871	117286			" " "
196+30			822	117335			" " " TEE
197+00			676	117481			" " "
198+00			419	117738			" " "
199+00 T.P.	654	118702	109	118048			" " "
199+40			507	118195			" " " LN. BK
TBM			598	118104	T.B.M.	ELEV.	

DRILL STEEL LD & TK. DN 12" IN WELL AT INT. CENTRAL AVE. & CHIQUITO CN. RD. PER F.B. 316-128

F.B. 3195 PG. 138 | Job No. 5367.16 | Division No. 11 | Notes Red | Plotted

Survey of W. H. DIST. 36 | Date | Date

Survey by L.V. SMITH | Notes J.M.M. | Notes Chkd | Checked

Indexed C. J. GALLI | Date | Date | Date

W. W. DIST. NO. 36

Notes Ck'd by	Survey of SECTION LINE
Map No.	JN 0302.01 Tape 163 Std 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 2-69
Date	Indexed C.J. GALLI FEB 17 '80

F. B. 3195 PG. 141

W. W. DIST. NO. 36

VAL VERDE RESERVOIR SITE

(PROPOSED)

J.N. 5365.00

REF.:

C.S.B. 1092

F.B. 579

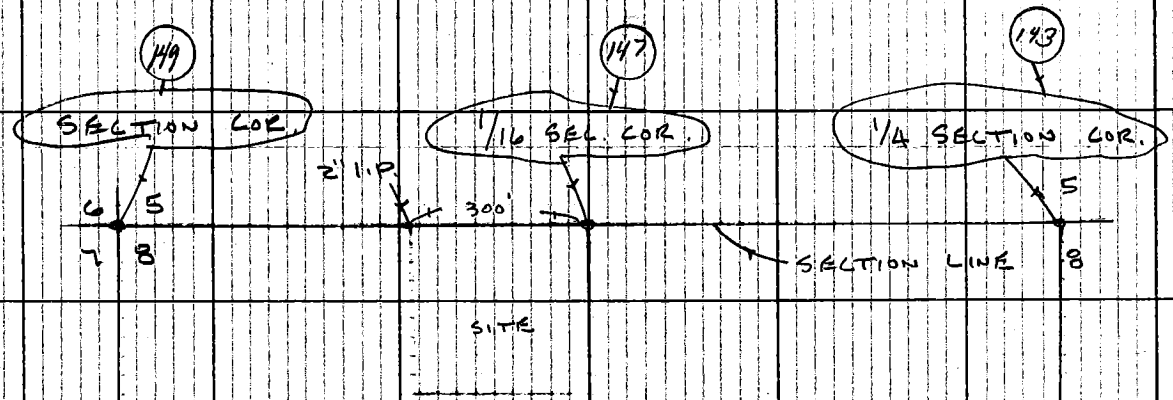
J.P. MENNE

M. WACKER

T. OHASHI

D. BOYETH

F. B. 3195 PG. 142



SEC. 8

T 44

R 17 W

W.W. DIST. NO. 36

Notes Ck'd by J. A. CHURCH	Survey of SECTION LINE	F. B. 3195 PG. 143
Map No.	JN 0302.01 Tape 163 Std 84 °F	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M Date 2-69	
Date	Indexed C. J. GALLI	

SECTION CORNER

FD. DOUBLE LIVE OAK TREE (12' CIRC.)
F.B. 3293-126.135

2671.96
1335.98

10.00

COUNTY SURVEYOR
T 4 N
R 17 W
R.E. 2177

WITNESS COR.
F.D. L.A.Co. SUR. MON.
F.B. 3448-100

SET 1X2 & N.
@ 90° TO FD.
1" I.P.

10.00

FD. 1" I.P. &
L.A. Co. ENG.
TAC. ON RIDGE
F.B. 3448-112

SEC. 5
T 4 N
R 17 W

10' OFF. LN.

SECTION LINE

SEC. 8

0+00 WEST

SET 1X2 & N.
@ 90° TO FD.
C.S. MON.

10.00

1/4 SEC. COR.

COUNTY SURVEYOR
T 4 N
R 17 W
SEC. 5
SEC. 8
1/4 COR.
R.E. 2177

T-60° = -0.05
340.26 LEV. = 340.21

340.21

FD. L.A.Co. SUR.
MON. (DN ...)
& MARKER PIPE
5' NO.
F.B. 3448-85

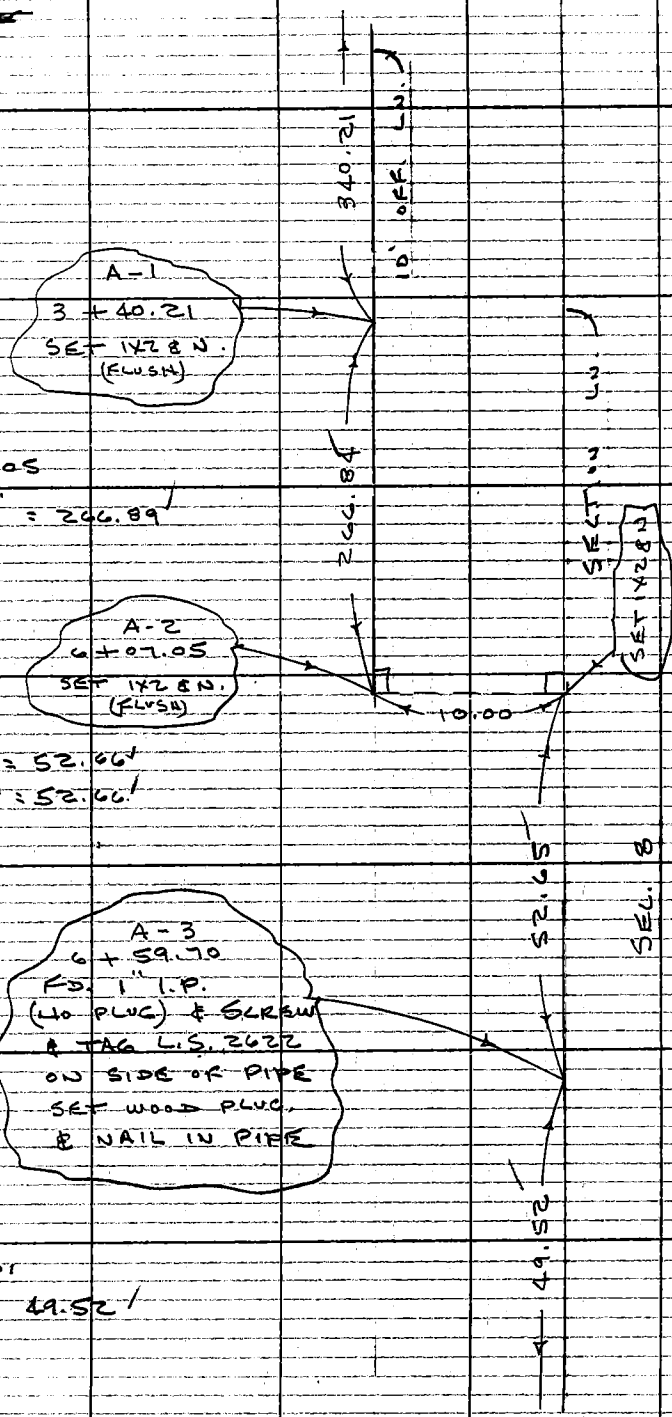
SET FLAG

TO TOP OF PG. 144

2 TO BOTTOM OF PG. 1

F. B. 3195 PG. 144

SEC. 5 T 4 N R 17 W



T-58° = -0.05

267.40 @ 3°-33' = 266.89

T-58° = -0.01

55.94 @ 19°-43' = 52.66

56.28 @ 20°-40' = 52.66

T-56° = -0.01

49.53 LEV. = 49.52

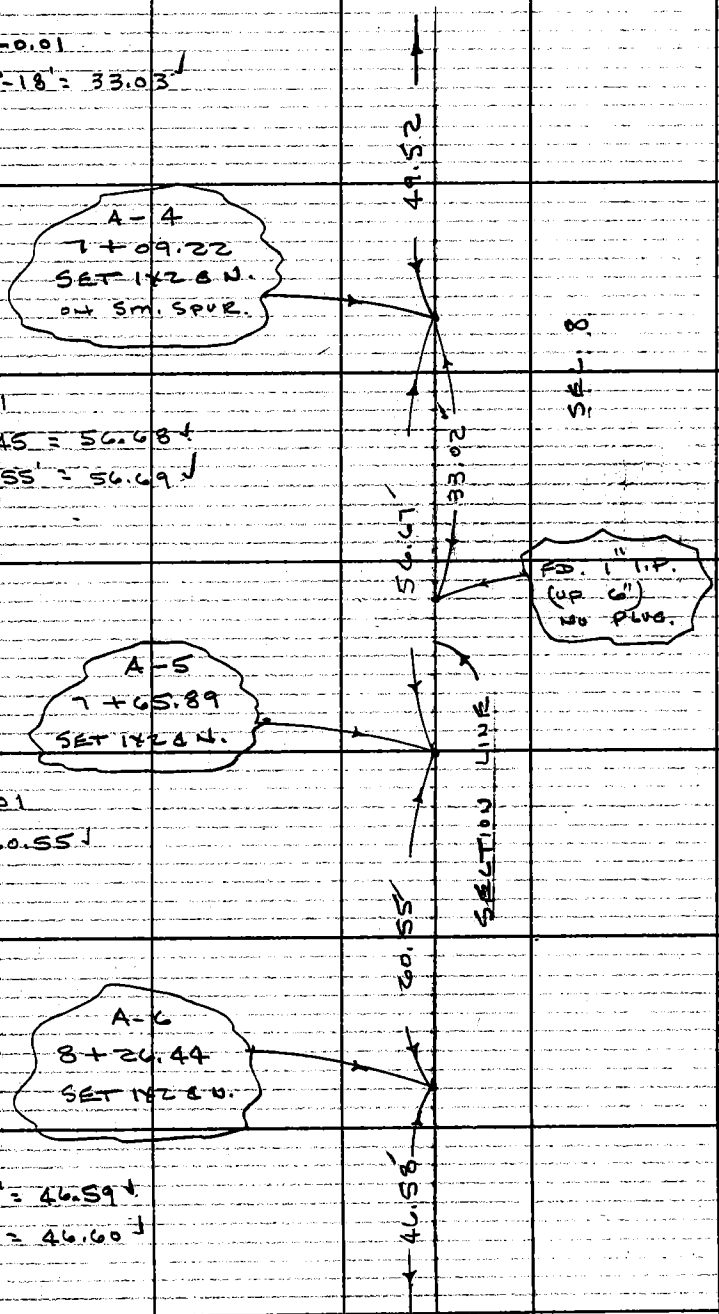
X

145

Notes Ck'd by J. A. CHURCH	Survey of SECTION LINE	F. B. 3195 PG. 145
Map No.	JN 0302.01 Tape 163 Std 84 °F	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M Date 2-69	
Date	Indexed C.J. GALLI	

TO BOTTOM OF PG. 144

T- 56° = -0.01
35.45 @ 21°-18' = 33.03



T = 56 = -0.01
59.86 @ 18°-45 = 56.68
59.58 @ 17°-55' = 56.69

T- 56° = -0.01
60.56 LEV. = 60.55

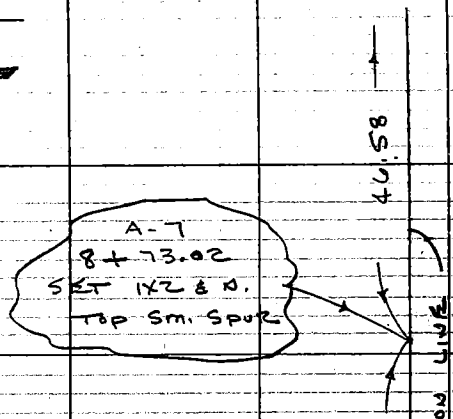
T- 56° = -0.01
49.47 @ 19°-39' = 46.59
49.80 @ 20°-40' = 46.60

TO TOP OF PG. 146

X

To Bottom of Pg. 143

F. B. 3195 Pg. 146



T = 56° = −0.01

77.81 @ 11°-31' = 76.24'

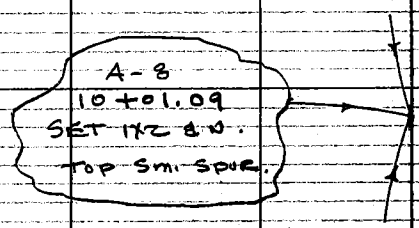
77.94 @ 12°-00' = 76.24' 76.23'

51.84'

51.85 LEV. = 51.84' 128.07'

128.07

SEC. 6



SEC. 7 & 1 N

T = 64° = −0.04'

299.64 @ 1°-50' = 299.49'

299.60 @ 1°-34' = 299.49' = 299.45'

25.15 LEV. = 25.15'

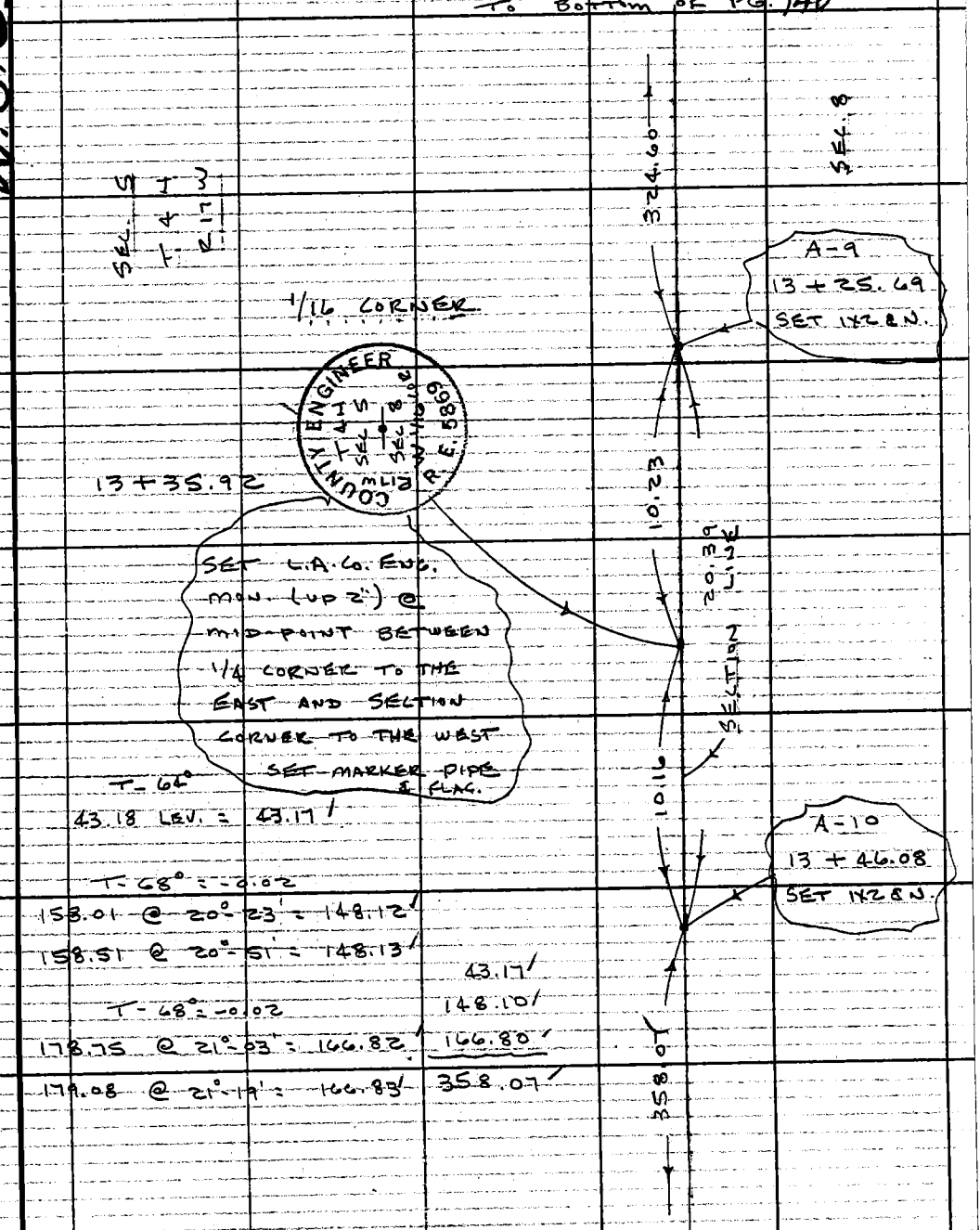
324.60'

324.60

W.W. DIST. No. 36

Notes Ck'd by	Survey of SECTION LINE	F. B. 3198 PG. 147
Map No.	JN 0302.01 Tape 163 Std 84 °F	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 2-69	
Date	Indexed C.J. GALLI	

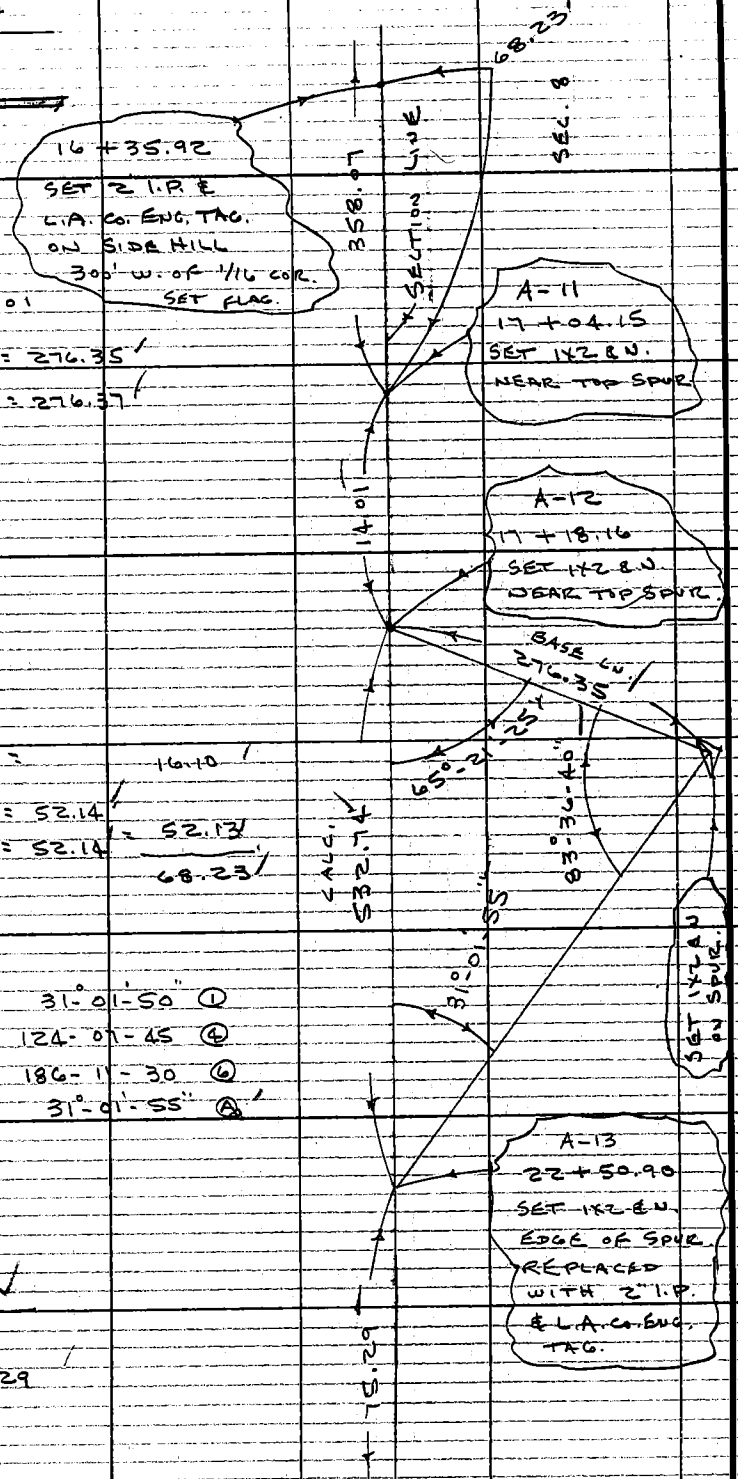
TO BOTTOM OF PG. 146



TO TOP OF PG. 148

TO BOTTOM OF PG. 147

F. B. 3195 PG. 148



T-76° = -0.01

279.20 @ 8°-12' = 276.35

279.33 @ 8°-21' = 276.37

SEC. 5 T 4 R 3 W

T-70° = 0

14.01 LEV.

T-62°

16.10 LEV = 16.10

-0.01

60.44 @ 30°-23 = 52.14

60.20 @ 30°-00' = 52.14 = 52.13

68.23

65°-21-20	①	31°-01-50"	①
261-25-35	④	124-07-45	④
32-08-30	⑥	186-11-30	⑥
65°-21'-25"	Ⓐ	31°-01'-55"	Ⓐ

83°-36-40 ①

334-26-40 ④

141-40-00 ⑥

83°-36'-40" Ⓐ

T-60°

75.30 LEV. = 75.29

W.W. DIST. No. 36

7

W.S. 63, A-1

Notes Ck'd by	Survey of SECTION LINE
Map No.	JN 0302.01 Tape 163 Std 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 2-69
Date	Indexed C.J. GALLI

F. B. 3195 PG. 149

TO BOTTOM OF PG. 148

T-60°
66.96 LEV. = 66.95

SEC. 5
T 4 N
R 17 W

T-52° = -0.06
280.76 @ 6°-49' = 278.78
280.86 @ 7°-00' = 278.77

75.29
66.95
278.71
SEC. 8
SECTION LN.

A-14
23 + 26.19
SET 1X2 & N
ON SIDE HILL

A-15
23 + 93.14
SET 1X2 & N.
ON SIDE HILL

26 + 71.85
SECTION CORNER
FD. L.A. CO. SUR. MON.
(FLUSH) TOP SM. SPUR.
@ EDGE OF STEEP CUT
C.S.B. 1092-1
F.B. 579-215

COUNTY SURVEYOR
T 4 N
R 17 W
6/5/78
SEC. COR.
R.B. 2177

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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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

Notes Ck'd by H.J. AMBERS AUG 1 8 69	Survey of W.W. DIST. #36
Map No.	JN 5362.13 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date AUG 69
Date	Indexed C.J. GALLI AUG 1 4 '69

F. B. 3195 PG. 151

WATER WORKS DIST. #36

HASLEY CANYON ROAD
FROM OLD RIDGE ROUTE S.W'LY
TO I.C. #3

J.N. 5362.13

F.B. 3166
RD DEPT F.B. 2710
RD. DEPT. SURVEY MAP T-63-1

NOTE - ON ALL CURVE DATA
THE RADIUS AS SHOWN ON
RD DEPT. SURVEY MAP T-63-1
WAS HELD.
△ ANGLES SHOWN IN F.B. 3166
PGS 58 THRU 66 WERE USED TO
COMPUTE REST OF CURVE DATA

PARTY:
C.L. WRIGHT
R.H. ALMANZAN
M.R. NEVAREZ
L.G. KEISNER
T.A. DONLEVY

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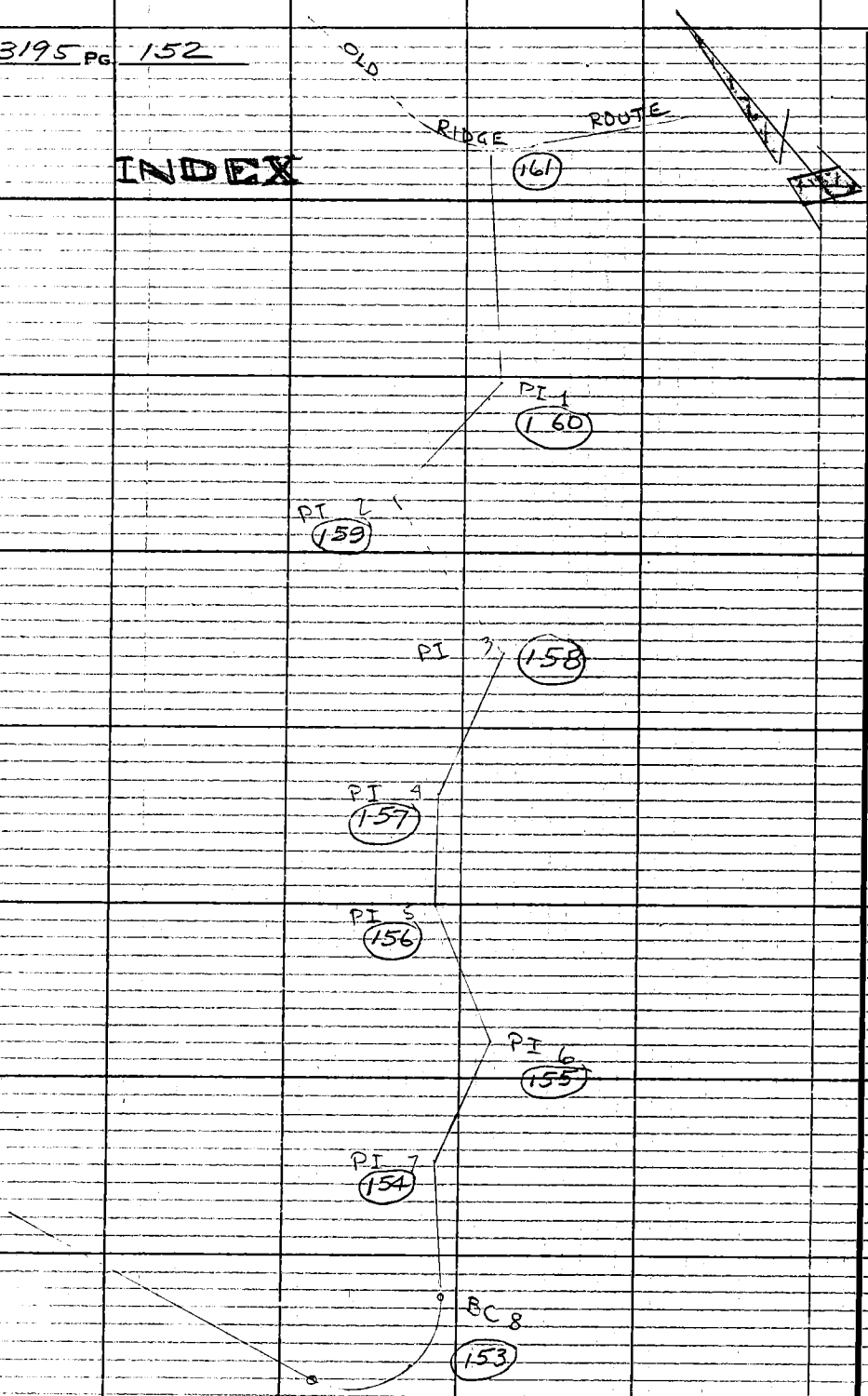
76F309S CE#310 3-68

F. B. 3195 PG. 152

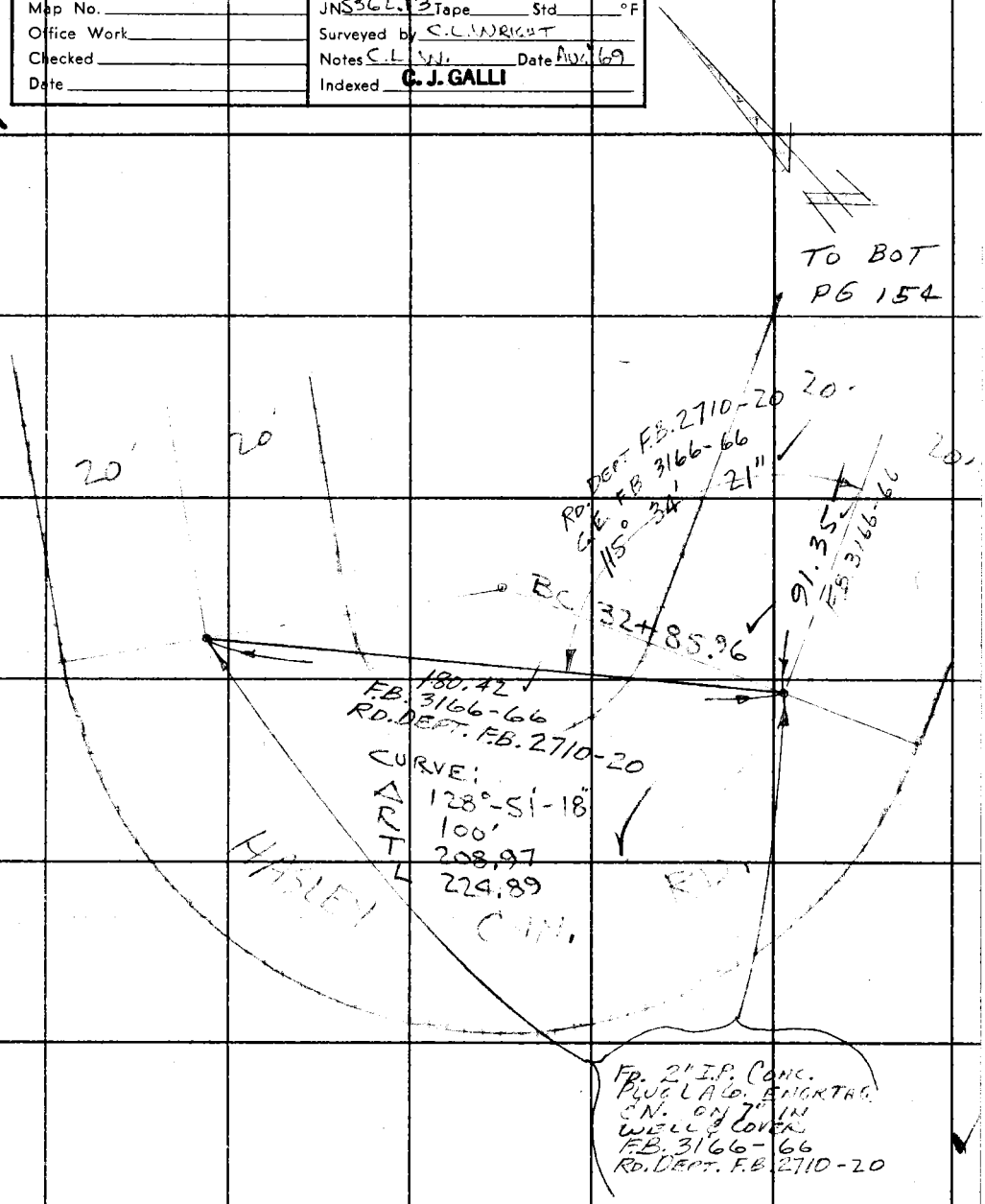
INDEX



Notes Ck'd by H.J. AMBERS	Survey of W.W. DIST. #36
Map No.	JN5362.13 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date AUG. '69
Date	Indexed C. J. GALLI

F. B. 3195 PG. 153

W.S.63, G-1



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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3195 PG. 154

TO BOT PG. 155

PI #7 FD. 1x2" IN
PER RD. DEPT FB 2710-20
REPLACED 1x2" IN.
WITH 2" I.P. CONC. PLUG
LA. CO. ENGR. N & TAG
FLUSH.

20.

20.

RD. DEPT. FB. 2710-20
RD. DEPT. FB. 3166-64, 65
FB. 189. 78

RD.

C/L N.

BC 31+54.20

97.62

73.68

PPPI #7
FD. 1½" I.P.
CONC. PLUG
L.N.
RD. DEPT. FB. 2710-20

FB. 3166-63, 64
RD. DEPT. FB. 2710-20
FB. 3166-156
RD. DEPT. FB. 2710-20

CURVE:
Δ 23° 29' 33"
R 200'
T 41.59
L 82.00

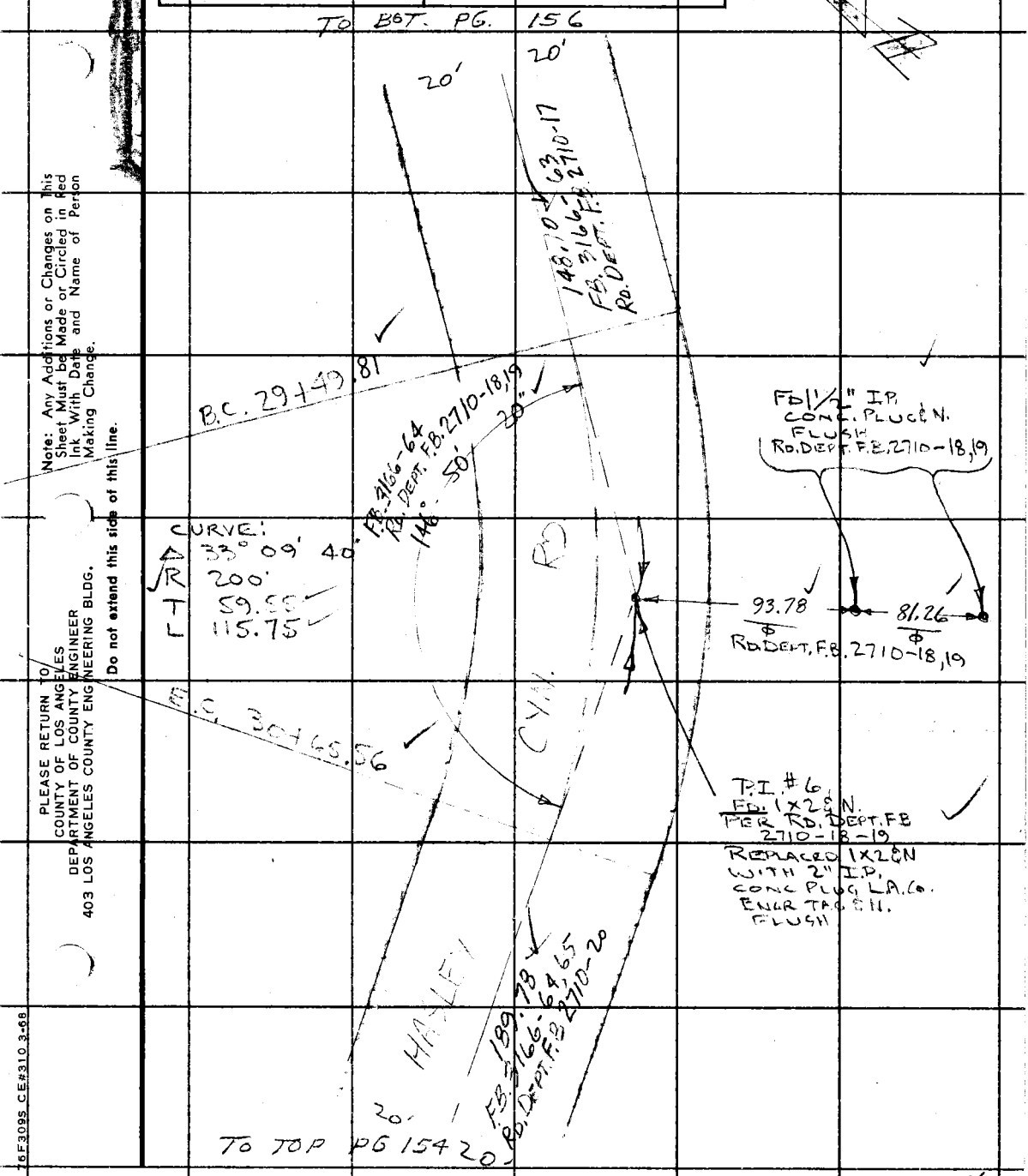
EC. 32+36.20

FB. 3166-66
RD. DEPT. FB. 2710-20
91.35

HASLEY

TO TOP PG 153

Notes Ck'd by H. J. AMBERS	Survey of W.W. DIST. #36	F. B. 3195 PG. 155
Map No.	JN 5362.13 Tape Std °F	
Office Work	Surveyed by C. L. WRIGHT	
Checked	Notes C. L. W. Date AUG '69	
Date	Indexed C. J. GALLI	



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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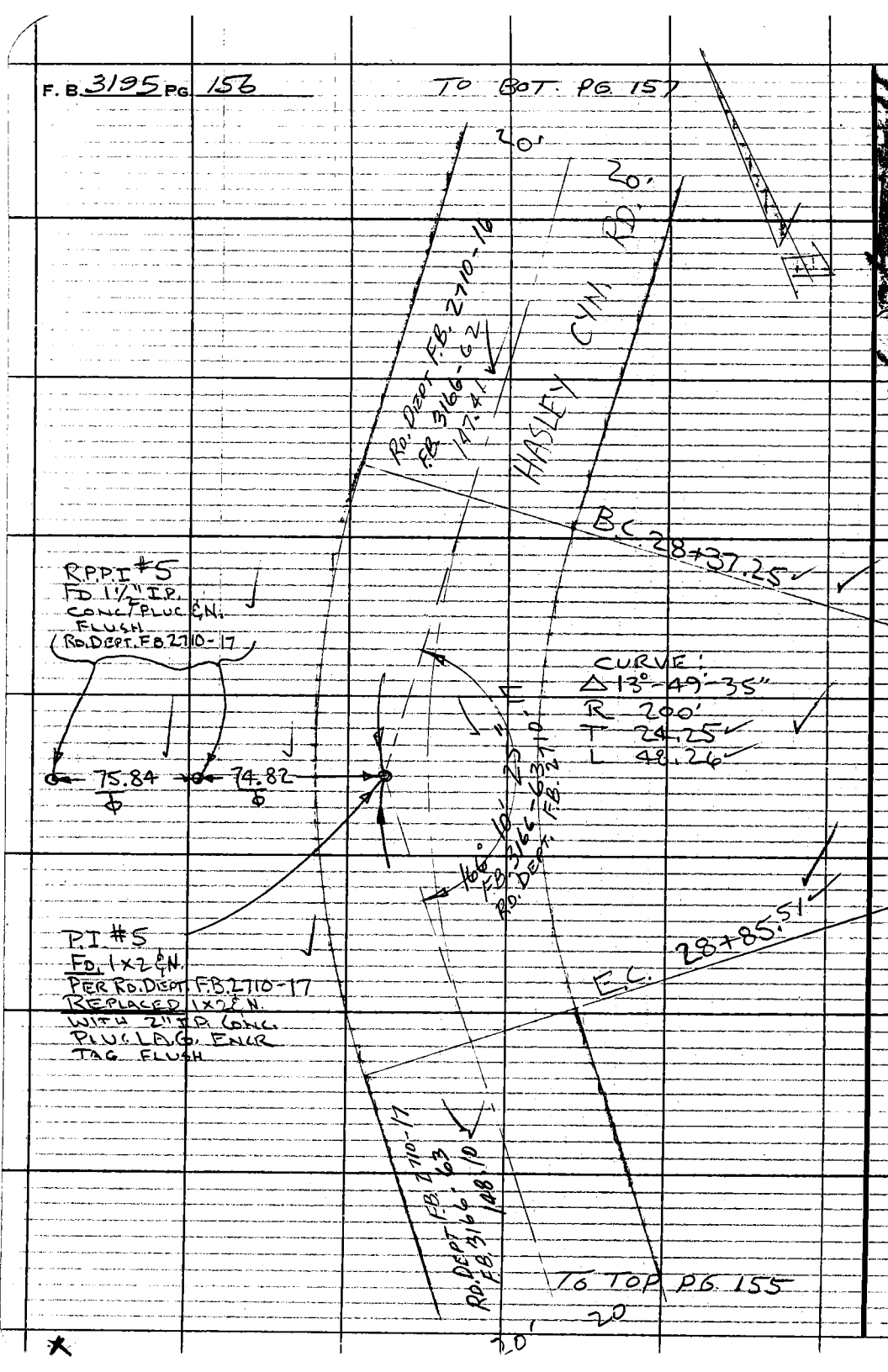
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3195 PG. 156

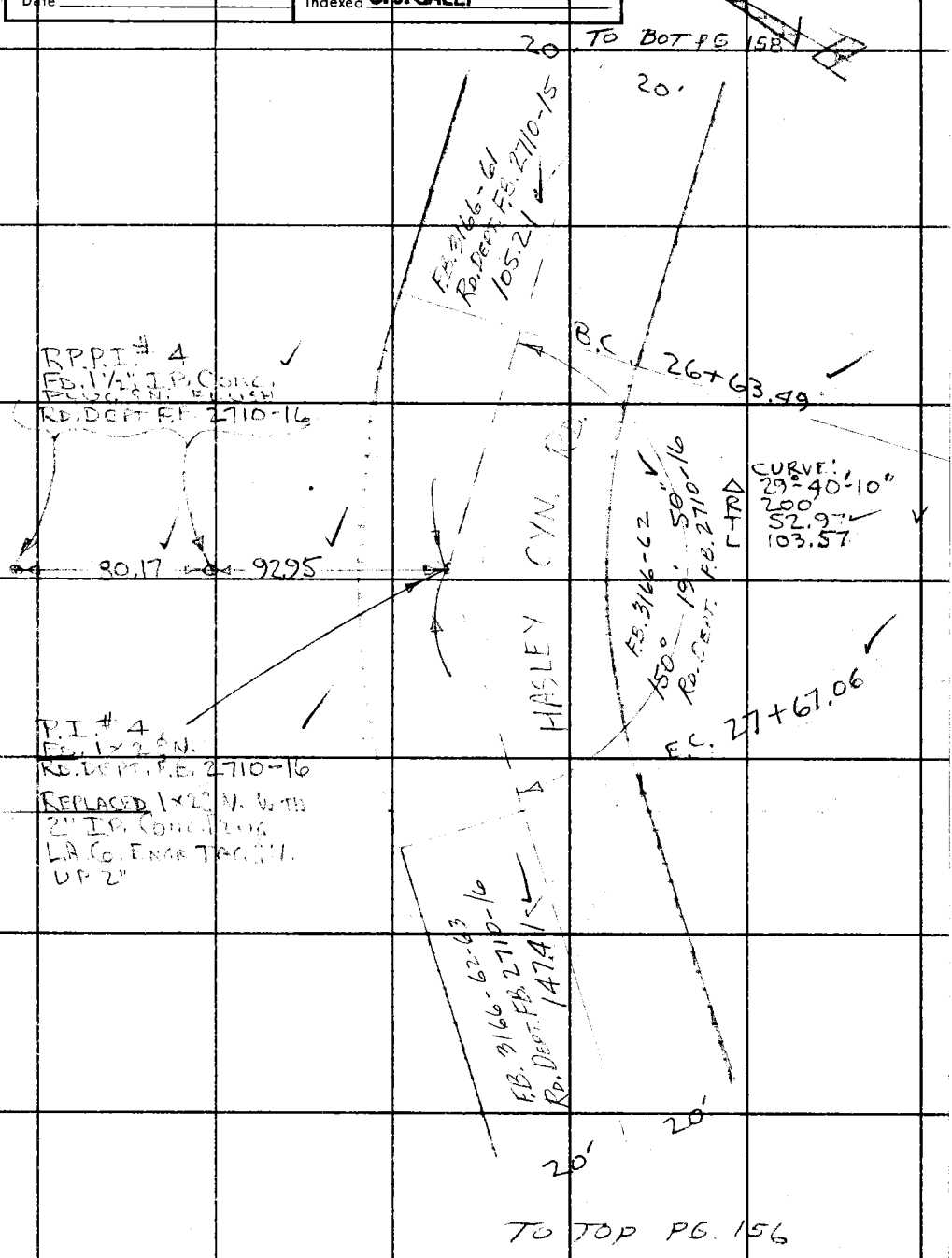
TO BOT. PG. 157



TO TOP PG. 155

Notes Ck'd by H.J. AMBERS AUG 18 '69	Survey of W.W. DIST. #36
Map No.	JN 5362.13 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date AUG '69
Date	Indexed C.J. GALLI

F. B. 3195 PG. 157



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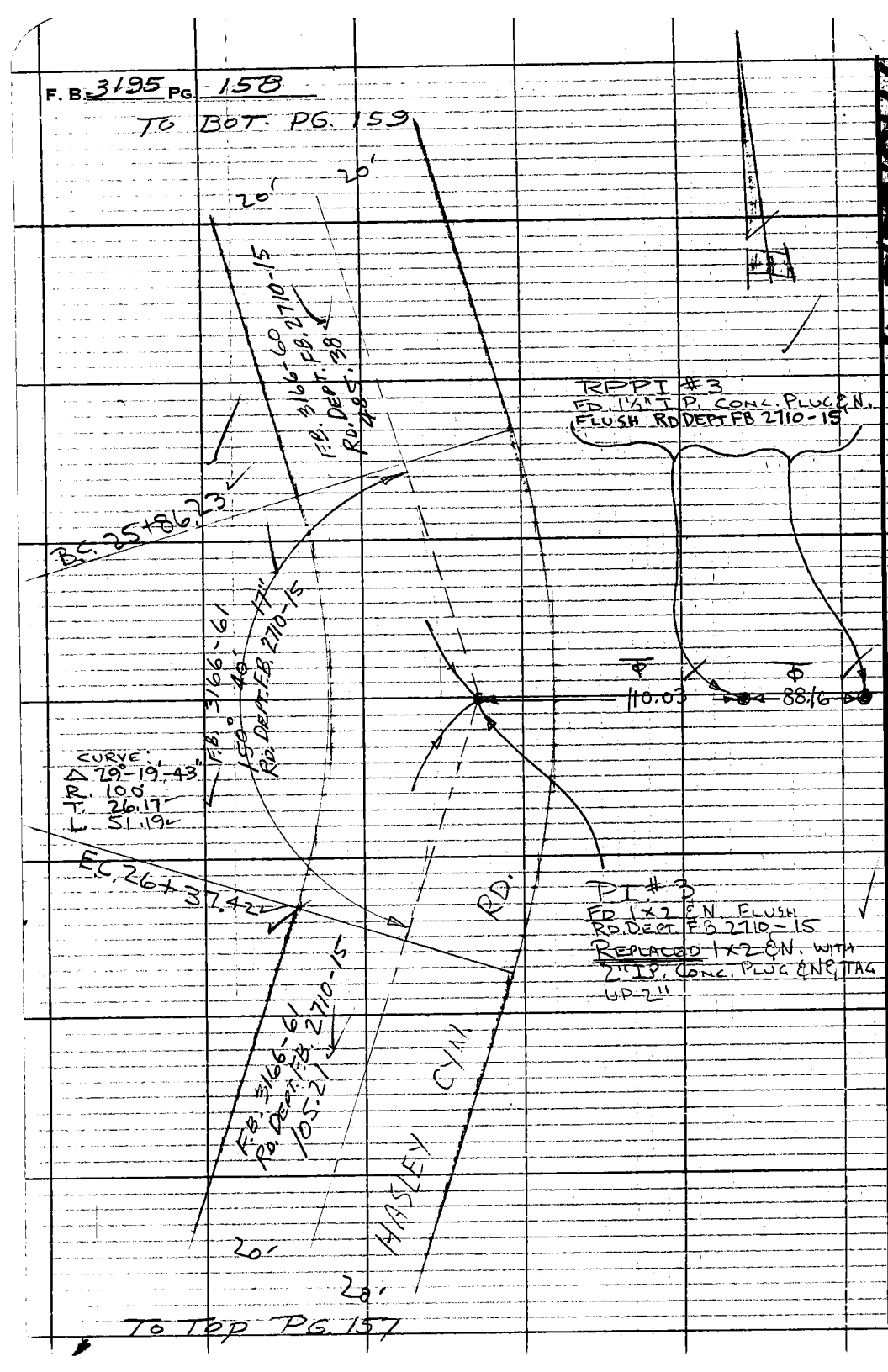
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3195 PG. 158

TO BOT. PG. 159

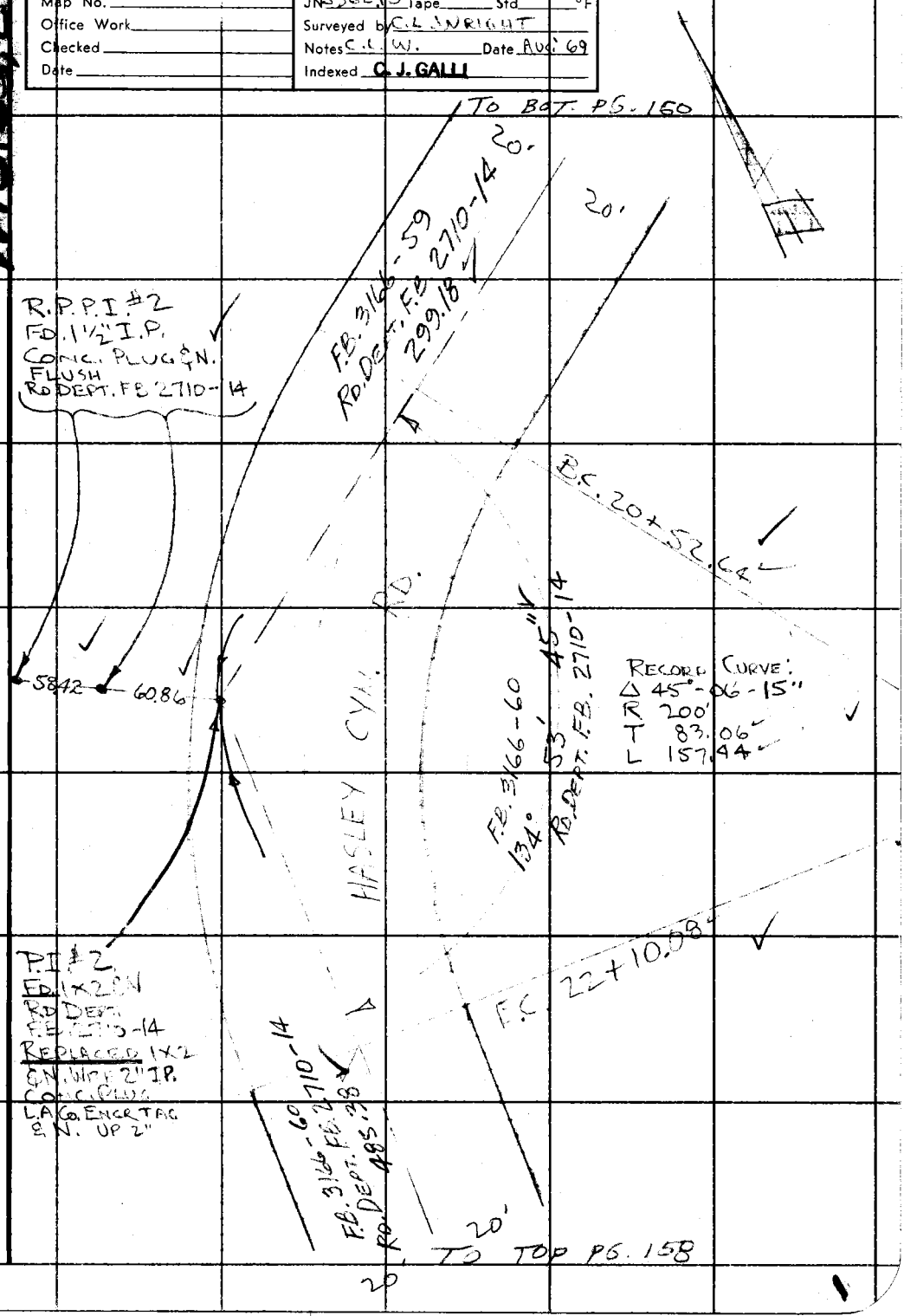


TO TOP PG. 157

Notes Ck'd by AUG 1 8 '69 H. J. AMBERS	Survey of W.W. DIST. #36
Map No.	JN 5362.13 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date AUG '69
Date	Indexed C. J. GALLI

F. B. 3195 PG. 159

W.S. 43, C-1



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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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F.B. 3195 PG. 160

TO DEPT. PG. 161

20'

20'

F.B. 3166-58
RD. DEPT. 2710-13

F.B. 3166-59
RD. DEPT. 2710-13

RPPT. #1
FD. 1½" I.P. CONC. PLUG ON.
FLUSH RD. DEPT. F.B. 2710-13

E.C. 18+74.60

F.B. 3166-59
165.58
RD. DEPT. F.B. 2710-13

HASLETT CYN. RD.

74.62

52.84

RECORD CURVE
Δ 14°-28'-00"
R 300'
T 38.08
L 75.75

B.C. 17+98.8

PI #1
FD. BOLT SPK & W.
RD. DEPT. F.B. 2710-13
REPLACED BOLT SPK & W
WITH 2" I.P. CONC
PLUG, L.A. CO. ENGR. TAG
F.N. DN 10"

F.B. 3166-59
RD. DEPT. F.B. 2710-13
299.18

20'

20'

TO TOP PG. 159

Notes Ck'd by H.J. AMBERS (AUG 1 8 69)	Survey of W.W. DIST #36
Map No.	JN 2367.13 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date AUG '69
Date	Indexed C.J. GALLI

F. B. 3195 PG. 161

W.S.63, C-1

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

26F3095 CE#310 3-68

Notes Ck'd by	Survey of W.W. DIST #36
Map No.	JN Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date AUG 69
Date	Indexed C.L. GALLI AUG 14 69

F. B. 3195 PG. 163

W.W. DIST. #36

HASLEY CYN RD.

SHOWING LOCATION OF EXISTING

TEMPORARY PILE BENT FROM OLD RIDGE ROUTE

S.W'LY TO P.I. #7

S.N. 5362.13

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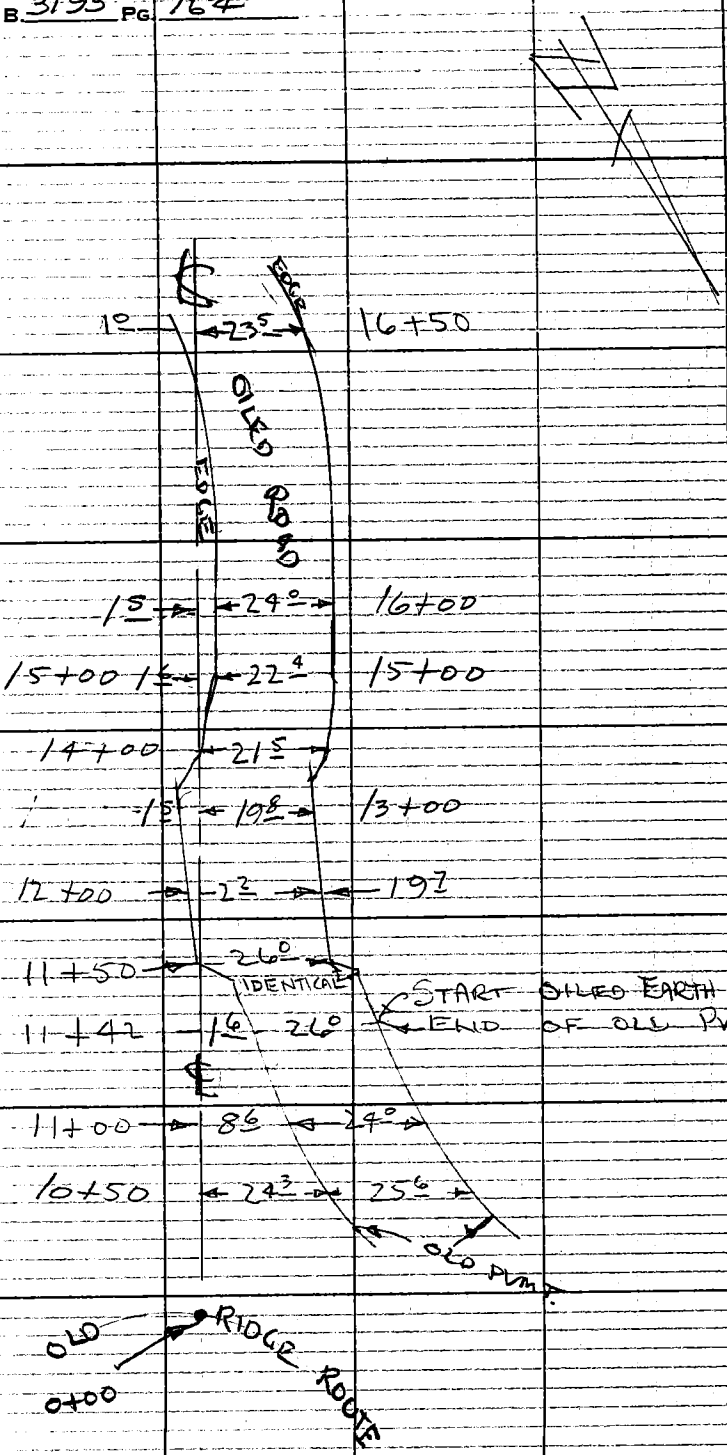
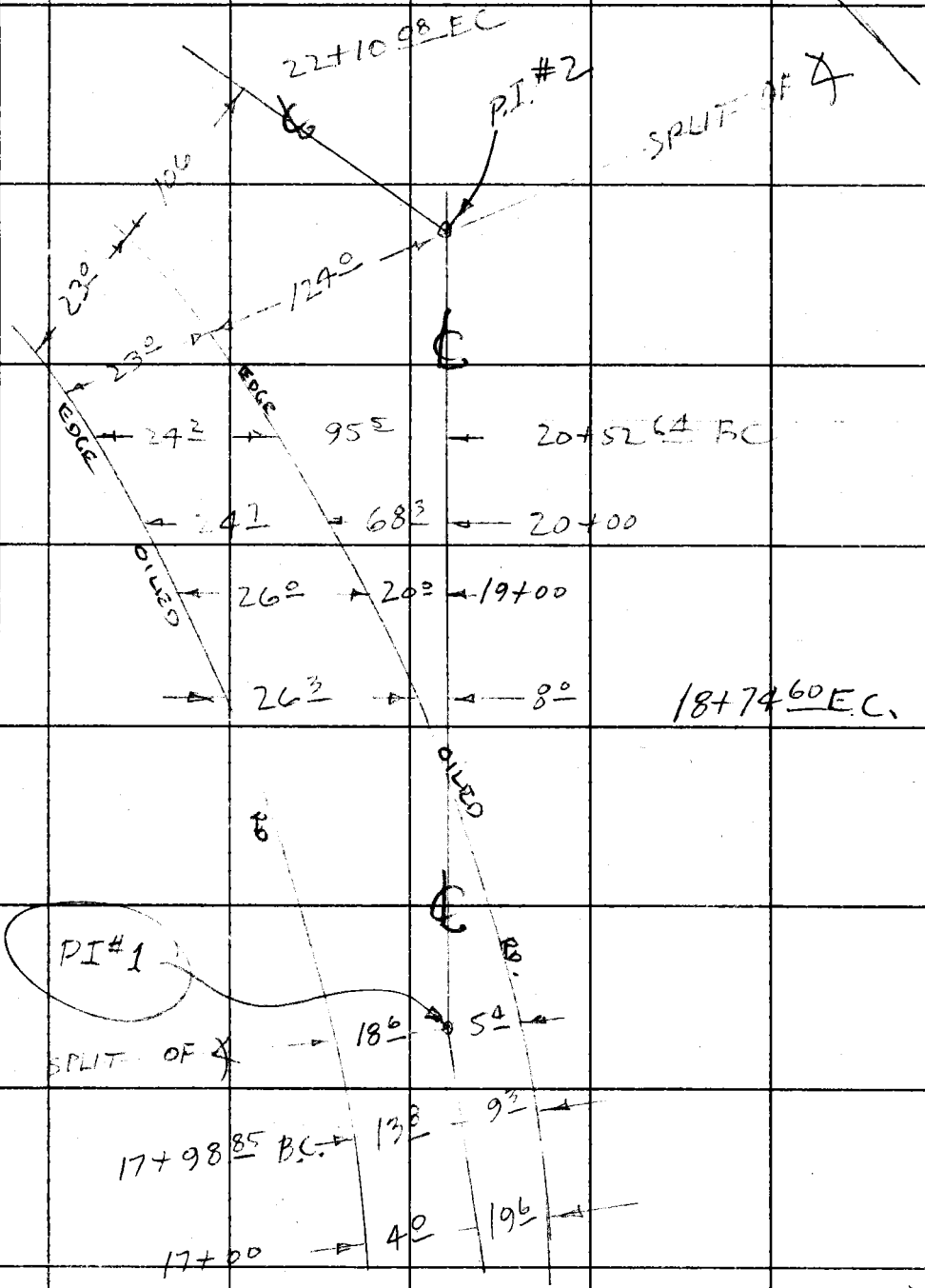
76F309S CE#310 3-68

F. B. 3195 PG. 164



Notes Ck'd by	Survey of W.W. DIST #36
Map No.	JN 5362.13 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date AUG 69
Date	Indexed C. J. GALLI

F. B. 3195 PG. 165



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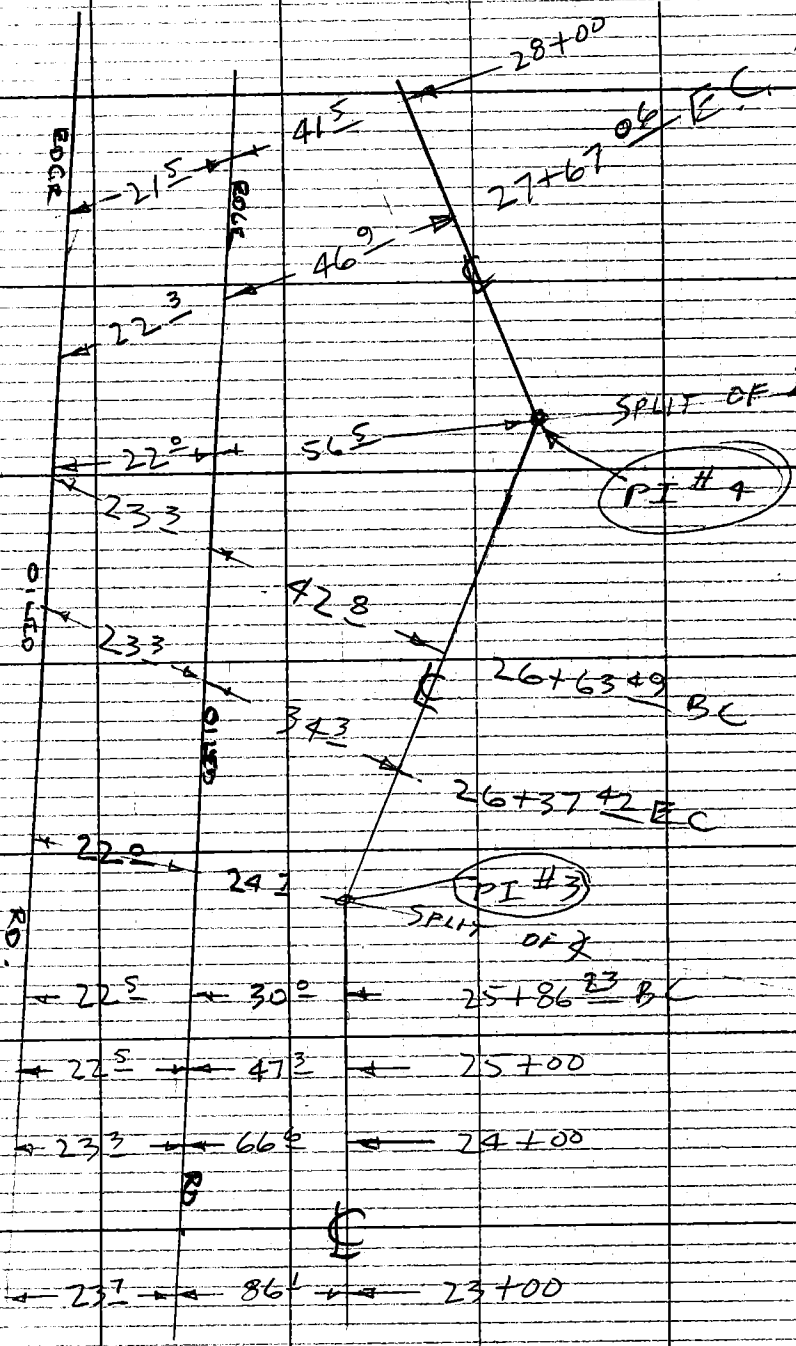
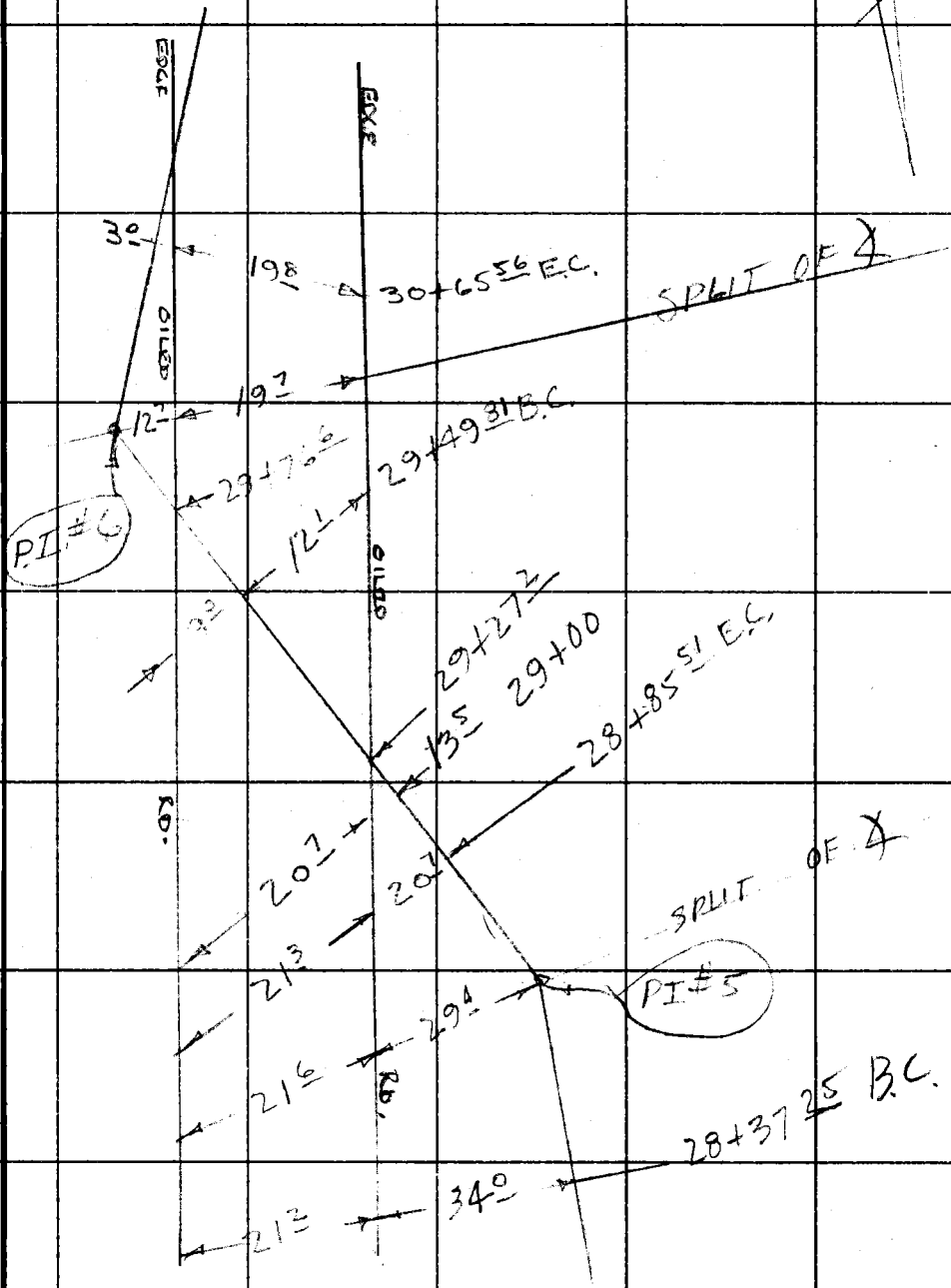
76F309S CE#310 3-68

F. B. 3195 PG. 166



Notes Ck'd by	Survey of W.W. DIST #36
Map No.	JN 5362.13 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date AUG 69
Date	Indexed C. J. GALLI

F. B. 3195 PG. 167



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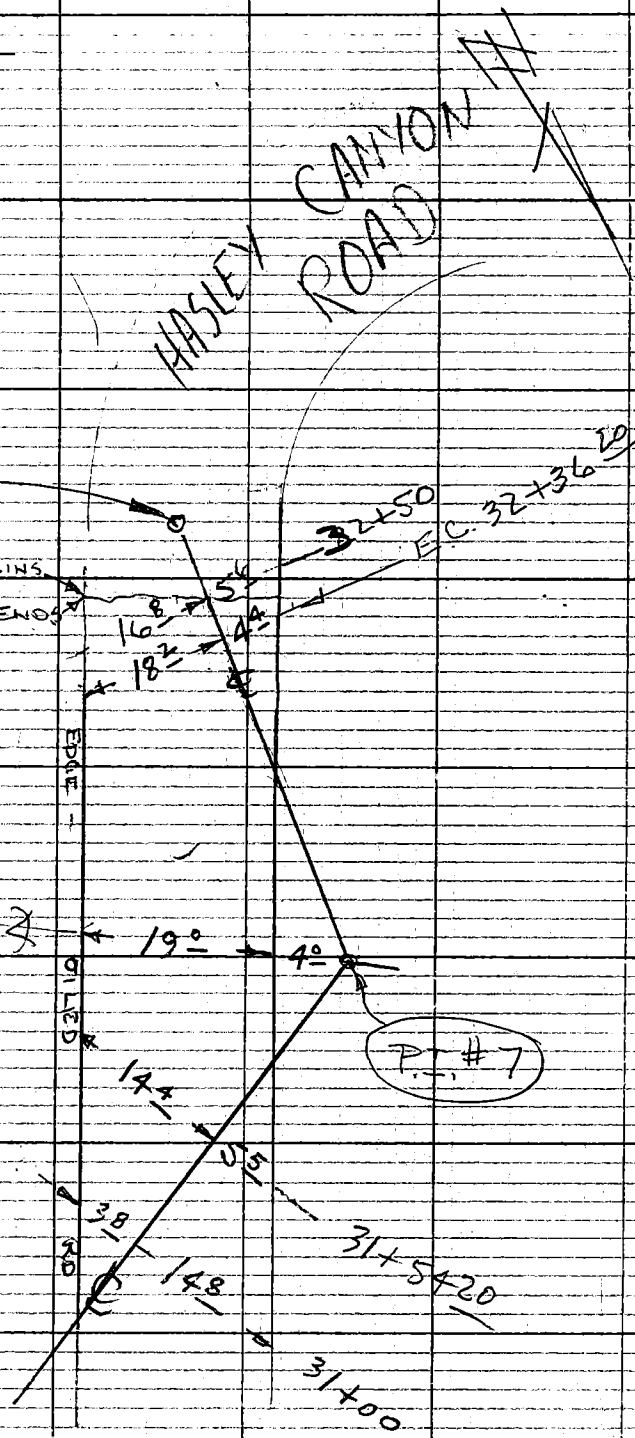
16F3095 CE#310 3-68

F. B. 3195 PG. 168



Profile No.	Notes Red	Plotted	Job No. 5362.13	Division No.		F. B. 3195	PG. 169
	Date	Date	Survey of W.W. DIST #36				
X-Sec. No.	Notes Chk'd. AUG 15 '69 H. J. AMBERS	Checked	Survey by C.L. WRIGHT	Notes C.L.W.	Date 2 - AUG 69		
	Date	Date	Map No.	Indexed C. J. GALLI	Date AUG 14 '69		

WATER WORKS DISTRICT #36

HASLEY CANYON ROAD

X SECTIONS - VICINITY OLD U.S. #99 AND P.I. #667

J.N. 5362.13

F.B. 2269.
F.B. 3166
F.B. 2901

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

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76-L-298 CE 307 5-66

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	℄	RIGHT
T.B.M.				1035 86	FD. COUNTY SURVEYORS MON. (A BRASS CAP		
	3 605	1039 465			SET IN OLD CONCRETE HIGHWAY) F.B. 2269-43		
TP			5 568	1033 897			
	5 322	1039 219					
10+00			5 385	1033 834	FD. LEAD IN. P.O.C. ℄ OLD (US 99)		
	2 691	1036 525			F.B. 3166-58		
11+00			6 80	29 72		℄ 1x2	
+42			5 8	30 7		℄	
"			5 7	30 8		1.6 EP.	
"			5 4	31 1		27.6 "	
"			4 8	31 7	7.0 TOP BRK		
"			7 0	29 5	11.0 BOT "		
			7 4	29 1	31.0 TOP "		
			15.0	21 5	36.0 BOT "		
			15.0	21 5	40.0 SAND WASH		
11+50			5 90	30 6		℄ 1x2	
+60			6 5	30 0		℄	
"			6 5	30 0	2.0 BOT BRK		
"			4 6	31 9	9.0 TOP "		
"			7 6	28 9	15.0 BOT "		
"			7 8	28 7	19.0 TOP "		
"			14 7	21 8	23.0 BOT "		
			15.0	21 5	30.0 SAND WASH		

F. B. 3195 PG. 170

Job No. 5362.13 Division No. Notes Red Plotted

Survey of W.W. DIST #36 Date Date

Survey by C.L. WRIGHT Notes C.L.W. Notes Chk'd H.J. AMBERS Checked

Indexed C.J. GALLI Date AUG '69 Date AUG 18 '69 Date

76-L-298 CE 307 5-66

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7.2.13

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
11 + 60		1036525				
"			6°	10305		21°
"			57	308		26°
12 + 00			860	2792	℄	
"			87	278	2° E.P.	
"			80	285	6° TOP BRK	
"			178	187	21° BOT BRK	
"			180	185	30° SAND WASH	
"			86	293		20° E.P. BOT BRK
			58	307		27° TOP BRK
			52	313		40°
TP			10902	1025623		
	0669	1026292				
13 + 50			218	2411	℄	
			20	243	5° TOP BRK	
			87	176	18° BOT "	
			75	188	30° SAND WASH	
			21	242		20° BOT. BRK E.P.
			+38	201		27° TOP "
			+48	311		30°

Profile Notes Red ____ Plotted ____ Job No. 5362.13 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #36
X-Sec. ____ Notes Checked ____ Survey by C.L. WRIGHT Notes C.J.W. Date AUG 69
No. ____ Date AUG 18 '69 Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F. B. 3195 PG. 171

F. B. 3195 Pg. 172 Job No. 5362.13 Division No. Notes Red Plotted
Survey of W.W. DIST. #36 Date Date
Survey by C.L.WRIGHT Notes C.L.W. Notes Chk. H.L. AMBERS Checked
Indexed C.J. GALLI Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
		1026292				
13+00			5 82	1020 47		℄
"			5 6	20 7	3° TOP BRK	
"			8 2	18 1	13° BOT	
"			8 0	18 3	30° SAND WASH	
"			5 5	20 8		21 BOT BRK E.P.
"			+3 3	29 6		27° TOP "
"			+4 3	30 6		35°
+50			7 22	19 07		℄
"			7 1	19 2	8° L TOP BRK	
"			8 5	17 8	15° L BOT "	
"			8 2	18 1	30° L SAND WASH	
"			7 5	18 8		22°
"			8 4	17 9		27° BOT BRK
			+3 3	29 6		33° TOP "
TP. 13+50			7 218	1019 074		
	3550	1022624				
15+50 TP			5 756	1016 868		℄
	3688	1020556				
TP			5 728	1014 828		

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
T.P.				1012.828		
	4297	1019.125				
TP			6242	1012.883		
	3788	1016.671				
			6100	1010.571		
	4021	1014.592				
P.I.# 6 TP			6303	1008.289	FD. 2" I.P. CONC. PLUG LA CO ENGR TAG SN	
	7468	1015.757				
			7.5	09.3	P.I.# 6	BOT BRK
			5.4	10.1	ON SPLIT OF PI ∡ AND TO RIGHT OF PI #6	8.0 TOP BRK
			6.1	09.7		12.7 E.P.
			6.2	09.6		32.4 "
			6.0	09.8		35.6 TOP BRK
			7.9	07.9		39.0 BOT "
			8.0	07.8		50.0 SAND WASH
			7.5	09.3	30.0 LEFT OF PI #6 ON SPLIT OF ∡	
30+65.56 EC			5.26	10.50		℄ TOP BRK
			8.0	07.8	8.0 BOT BRK	
			8.0	07.8	50.0 SAND WASH	

X

Profile Notes Red ____ Plotted ____ Job No. 5362.13 Division No. ____
No. ____ Date ____ Date ____ Survey of W.M. DIST. #36
X-Sec. Notes Chk'd. H. J. AMBERS Checked ____ Survey by C. L. WRIGHT Notes C. L. W. Date AUG '69
No. ____ Date AUG 18 '69 Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3195 PG. 173

F. B. 3195 Pg. 174

Job No. 5362.13 Division No. Notes Red Plotted

Survey of W. W. DIST. # 36 Date Date

Survey by C. L. WRIGHT Notes C.L.W. Notes Ch. H. J. AMBERS Checked

Indexed C. J. GALLI Date AUG '69 Date AUG 18 '69 Date

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
		1015.757				
30+65.56			5.5	1010.3		3.0 E.P.
"			5.6	10.2		22.8 "
"			5.3	10.5		25.5 TOP BRK
"			7.6	08.2		30.0 BOT "
"			7.6	08.2		40.0 SAND WASH
31+00			4.27	11.49	℄	
"			4.3	11.5	3.0 TOP BRK	
"			7.8	08.0	16.0 BOT "	
"			9.0	06.8	50.0 SAND WASH	
"			4.6	11.2		16.0 E.P.
"			4.2	11.6		18.0 TOP BRK
"			7.0	08.8		24.0 BOT "
			8.0	07.8		40.0 SAND WASH
31+50			0.61	15.15	℄	
			0.8	15.0	13.0 E.P.	
			0.6	15.2	16.0 TOP BRK	
			9.2	06.6	32.0 BOT "	
			9.2	06.6	50.0 SAND WASH	
			0.9	14.9		6.0 E.P.
			0.9	14.9		7.5

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
		1015.757				
31+50			8.1	1007.7		19° [illegible]
			2.5	073		[illegible]
			[illegible]	1015.163		
	10.32	1025.5[illegible]			P.I. #7	2° IN CONC. HUG LAG & FAWR TANGENT
P.I. #7			4.60	20.92		
						22½
LONGER TANG.			6.10	19.42		
			8.[illegible]	17.5	19° E.P.	
			7.8	17.7	22° TOP BANK	
			18.2	07.5	40° BOT "	
			6.0	19.5		
			17.2	08.3		
			0.6	24.9		
31+95 20			5.6	19.9		
			6.0	19.5	19° E.P.	
			5.3	19.7	7½ TOP BANK	
			10.1	06.4	41½ BOT "	
			4.7	20.8		
			1.1	24.4		
			1.0	24.5		

THESE OUTS (RIGHT) ∠ TO THIS POINT ON SEMI TANG.

7° TOP BANK
20° BOT "
40° TOP CUT BANK
℄ E.P.

X SEC. ON RADIAL LINE

6½ BOT CUT BANK
10° TOP CUT BANK
FIELD

Profile Notes Red ____ Plotted ____ Job No. 5362.13 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DETAIL Date ____
X-Sec. Notes Checked R. J. AMBERS DEC 18 '69 Survey by C. L. WRIGHT Notes C. L. W. Date AUG '69
No. ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3195 PG. 175

F. B. 3195 Pg. 176

Job No. 5362.13 Division No. Notes Red Plotted

Survey of W.W. DIST. # 36 Date Date

Survey by C.L. WRIGHT Notes C.L.W. Notes Chk. M.J. AMBERS Checked

Indexed C.J. GALLI Date AUG '69 Date AUG 18 '69 Date

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
		1025 518				
32 + 36.20 EC			1 12	1024 40		℄
			1 5	24 0	16.6 EP	
			1 3	24 2	20.6 TOP BRK	
			18 0	07 5	46.0 BOT "	
			1 2	24 3		3.7 EP BOT BRK
			+ 0 4	25 9		9.0 TOP "
			0 6	24 9		16.0 BOT "
			1 0	24 5		30.0 FLAT
TP			1 133	1024 385		
	8 461	1032 846				
32 + 50			7 27	25 58	OLD ℄ PVMT. STARTS	
EC # 8 TP			2 809	1030 037	FD. 2" I.P. & CONC. PLUG, L.A.Co. ENGR TAG & N. DN 7" IN WELL & COVER. FB 3166-66	
	7 905	1037 942				
TP			2 328	1035 614		
	6 300	1041 914				
TP			1 965	1039 949		
	8 169	1048 118				
TP			1 028	1047 090		
	10 205	1057 295				
			0 466	1056 829		

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP				1056.829	✓	
	7700	1064.5[illegible]				
TP			1052	1063.4[illegible]	✓	
	8542	1072.319				
TP			0645	1[illegible].67	✓	
	9390	1081.054				
TP			0359	1090.[illegible]	✓	
	10000	1090.755	✓			
TP			0176	1090.579	✓	
	9208	1099.737	✓			
BM. P-72			0932	1099.855	✓	FD. 3" I.P. & BRASS CAP SET IN CONC. A BUTTON MON. UP 5' MARKED P-72

X

Profile Notes Red ____ Plotted ____ Job No. 5362.13 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #36
X-Sec. Notes Chk. H. J. AMBERS Checked ____ Survey by C. L. WRIGHT Notes C. L. W. Date 12-AUG-69
No. ____ Date AUG 18 '69 Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3195 PG. 177

Notes Ck'd by R. HILARIO	Survey of Val Verde Res. Site F.B. 3195 Pg. 179
Map No. B-5088	JN 2505.14 Tape 0254 Std 6 B F
Office Work	Surveyed by Mankey Jr.
Checked R. HILARIO	Notes ETM Jr. Date 10-'69
Date 3-25-70	Indexed [redacted]

JN 2505.14

VAL VERDE RESERVOIR SITE

W.W. DIST. #36

ACCESS EASEMENT O.R. 18006

Mankey
Yasui
Masuda
Derby

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76F3098 CE#310 9.67

F.B. 3195 PG 180

INDEX MAP

Notes Ck'd by R. HILARIO	Survey of Valverde Res. Site
Map No. B-5088	JN 2505.14 Tape 0254 Std 68'F
Office Work R. BRIONES	Surveyed by Mankey, K.
Checked D. HILARIO	Notes S.T.M.&S. Date 10-69
Date 3-28-70	Indexed GALL OCT 28 '69

F.B. 3195 Pg. 181

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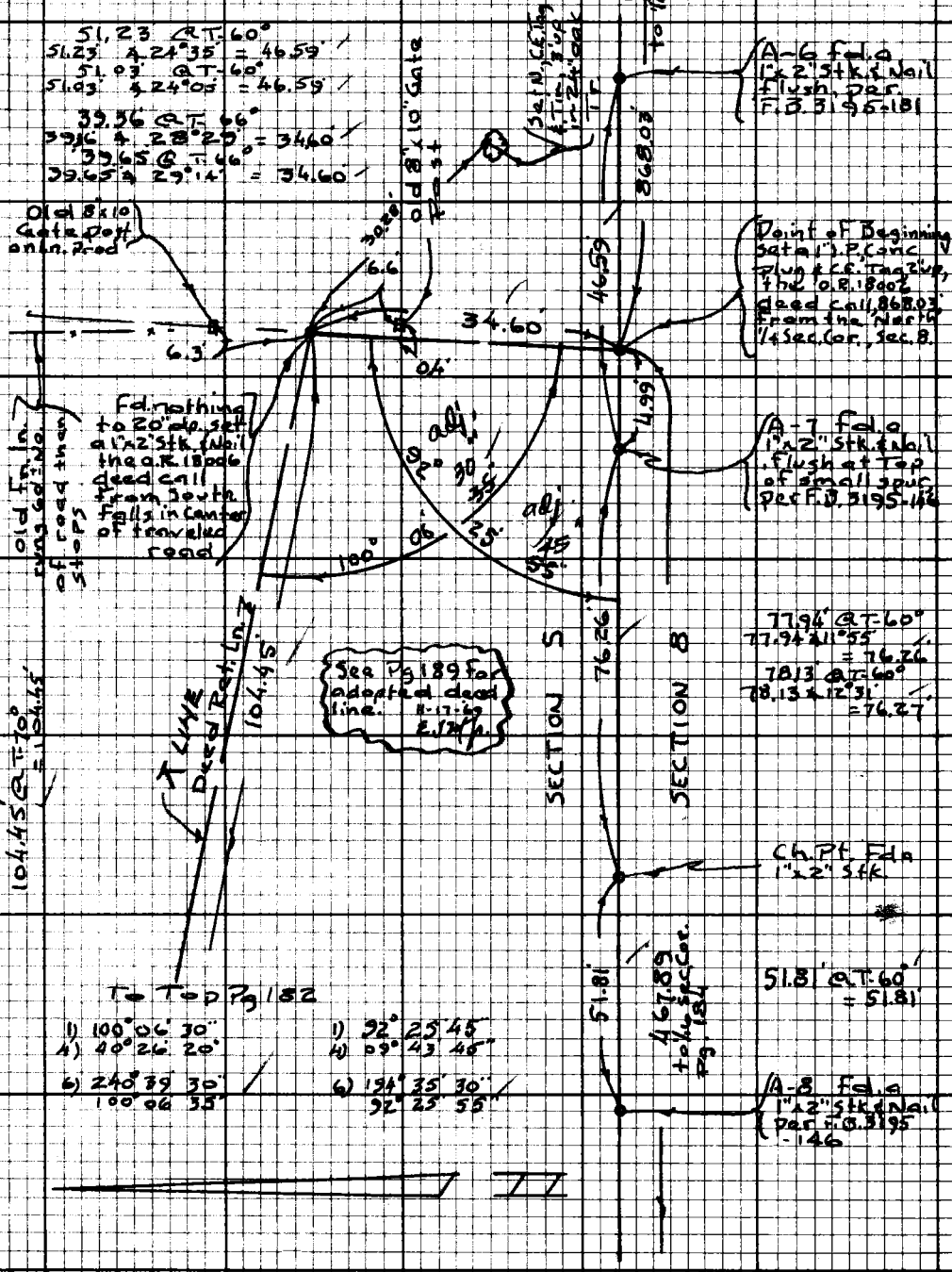
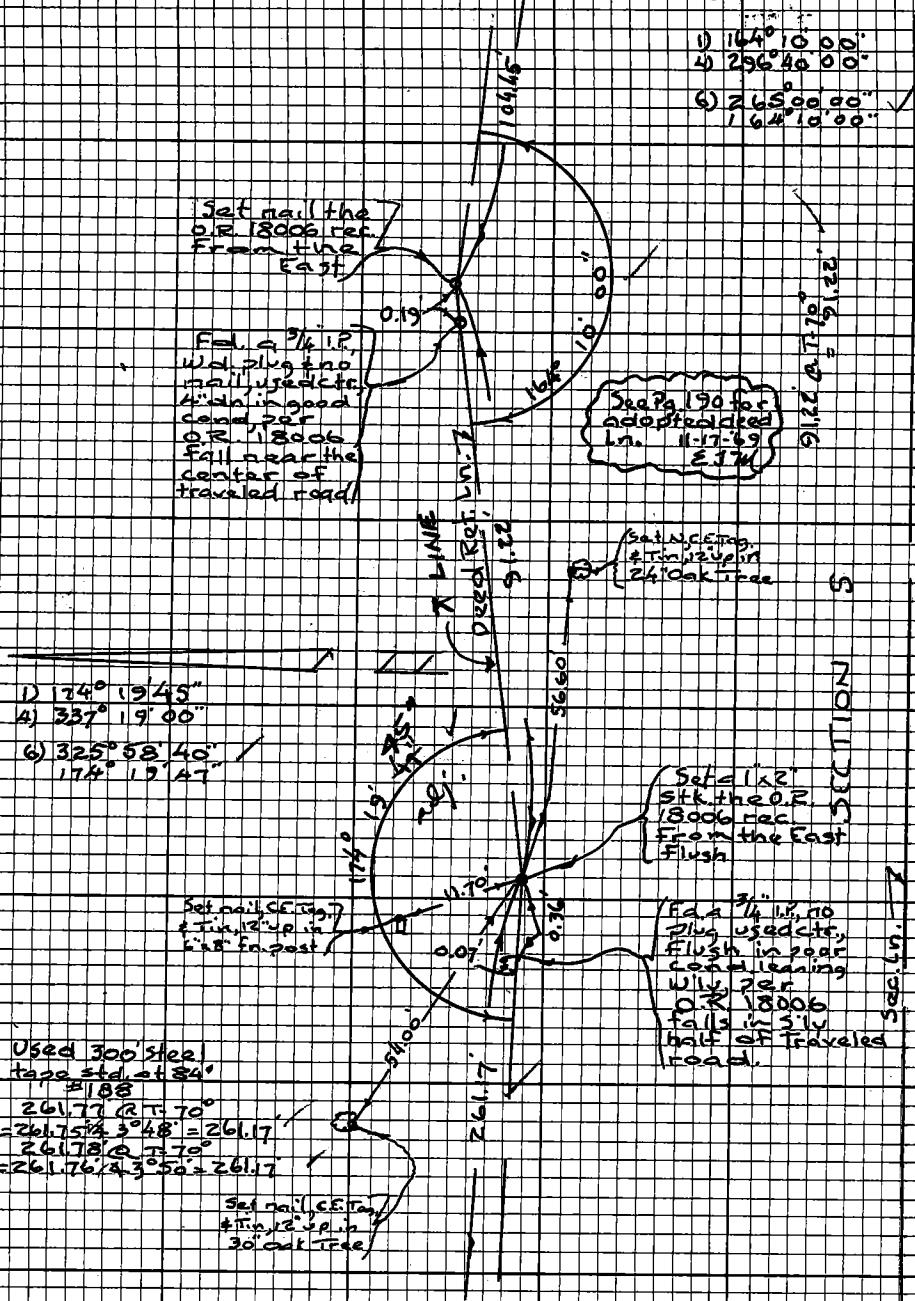


TRACOR CF#310 9-67

F.B. 3195 PG 182

To Bot. Pg. 181

1) 164° 10' 00"
4) 296° 40' 00"
6) 265° 00' 00"
164° 10' 00"

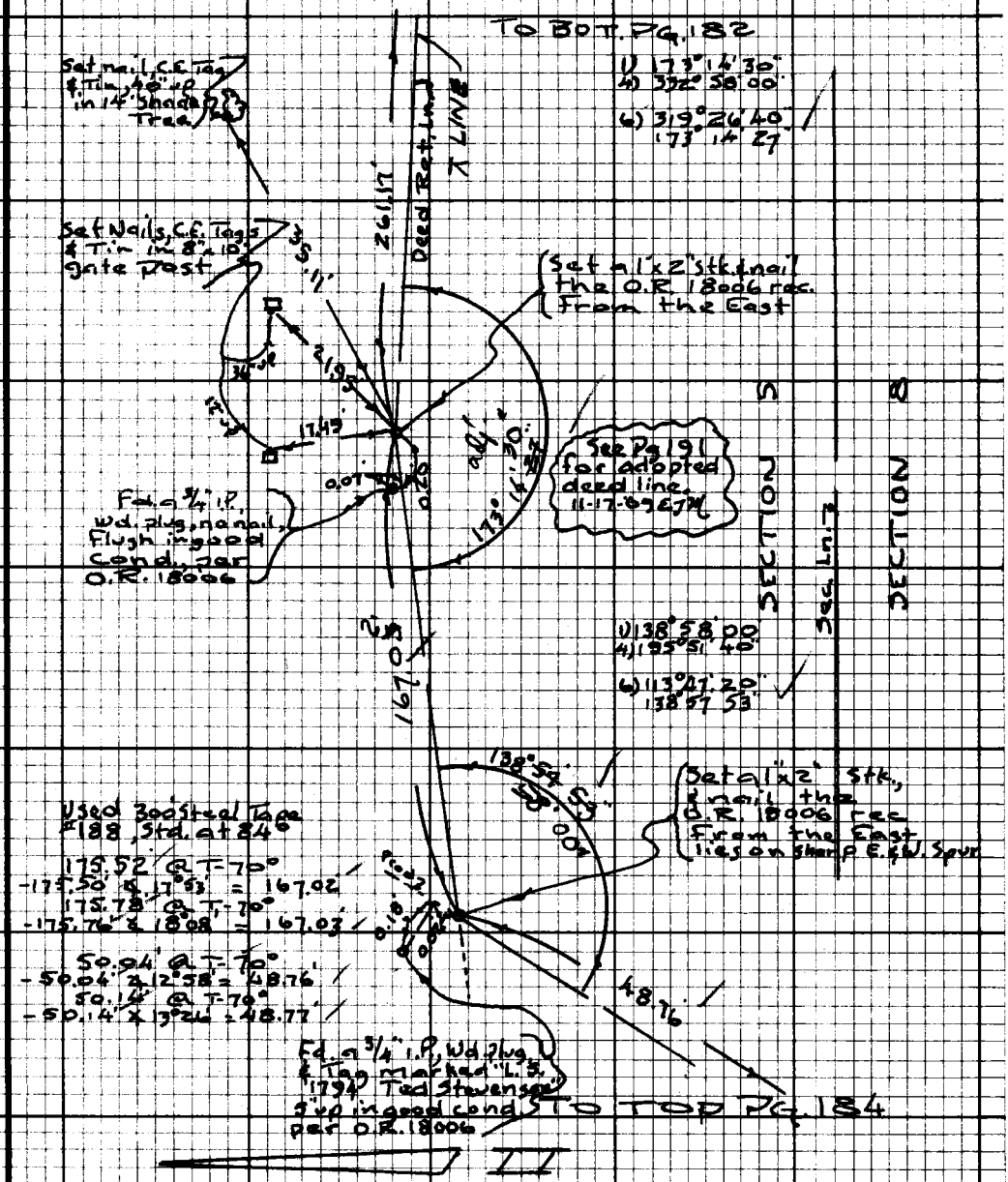


1) 174° 19' 45"
4) 337° 19' 00"
6) 325° 58' 40"
174° 19' 47"

To Top Pg. 183

Notes Ck'd by R. HILARIO	Survey of Valverde Reg. Site
Map No. B-5088	JN 2505.14 Tape 0254 Std 68°F
Office Work R. BRIONES	Surveyed by Mankey Jr.
Checked R. HILARIO	Notes ETM Jr. Date 10-69
Date 3-28-70	Indexed D.J. GALLI 1972

F.B. 3195 Pg. 183



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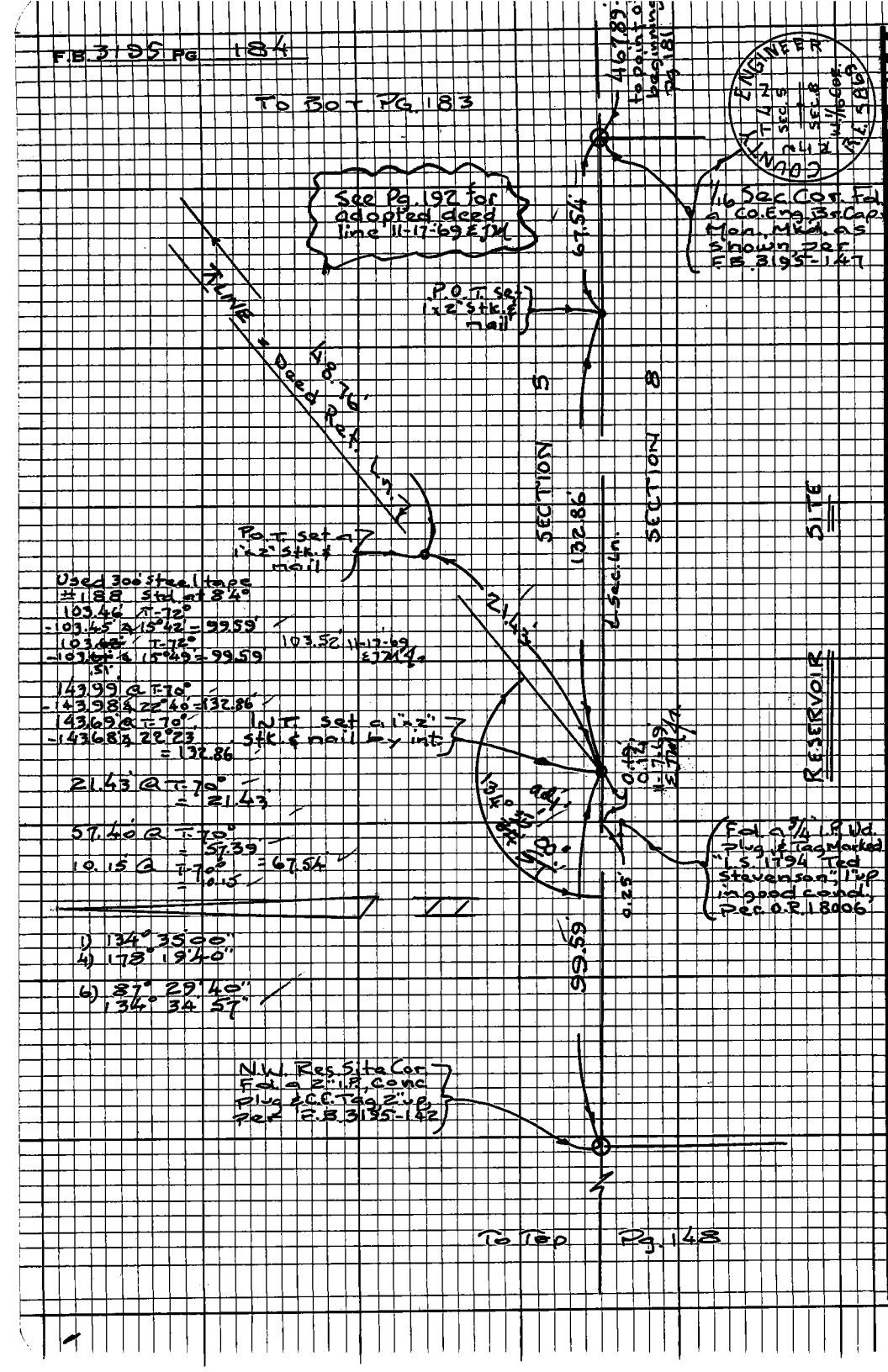
76F3098 CE# 310 9.67

F.B. 3195 PG 184

To Bot Pg. 183



Used 300' steel tape
#188 Std. at 84°
103.46' @ T-72°
-103.45' @ 15°42' = 99.59'
103.68' @ T-72°
-103.68' @ 15°49' = 99.59'
.51'

143.99' @ T-70°
-143.98' @ 22°40' = 132.86'
143.69' @ T-70°
-143.68' @ 22°23' = 132.86

21.43' @ T-70° = 21.43

57.40' @ T-70° = 57.39
10.15' @ T-70° = 10.15 = 67.54

1) 134° 35' 00"
4) 178° 19' 40"

6) 87° 29' 40"
134° 34' 57"

To Top Pg. 148

Notes Ck'd by R. HILARIO	Survey of V.V. Res. Site W.W. Dist. #36
Map No. B-5088	JN 2505.14 Tape 188 Std 84 °F
Office Work R. BRIONES	Surveyed by Mankey Jr.
Checked R. HILARIO	Notes ETM Jr. Date 10-69
Date 3-25-70	Indexed C.J. GALLI OCT 28 69

F.B. 3195 Pg. 185

JN 2505.14

VALVERDE RESERVOIR SITE

W.W. DIST. #36

PROPERTY CORNERS

Mankey
Yasui
Masuda
Derby

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75E3098 CE #310 9.67

FB 3595 Pg 184

1) 89°48'00"
4) 359°12'20"
6) 178°48'40"
89°48'07"

1) 90°12'00"
4) 360°47'30"
6) 181°11'20"
90°11'53"

1) 89°48'10"
4) 359°12'55"
6) 178°48'30"
89°48'05"

7) 89°48'00"
4) 359°12'10"
6) 178°48'30"
89°48'15"

N.W. Cor. Reg. Site
fd. a 2" I.P., Conc.
Plug & C.C. Tag, 2" up,
per F.B. 3195-142, 184

124.98 @ T-52° = 124.95 & 2°49' = 113.44
125.28 @ T-52° = 125.25 & 2°50' = 113.44

192.75 @ T-78° = 192.77 & 13°53' = 186.56
191.905' @ T-78° = 191.90 & 13°34' = 186.55

300.8' @ T-78°
300.17 & 0°56' = 300.00
300.20 @ T-78°
300.13 & 1°59' = 300.01

Line Pt. set a 2" I.P. Conc. Plug & C.C. Tag, 2" up

300.00

186.56

113.44

60°

89°48'00"

N.W. 1/16 Cor.

Bdry. Established Parallel with & 300' at Rt. angles to the East line of the N.W. 1/4 of N.W. 1/4 of Sec. 8

134.20'

N.W. Cor. set a 2" I.P. Conc. Plug & C.C. Tag, 2" up

140.40 @ T-88°
140.39 & 1°02' = 140.40
140.65' @ T-68°
140.65' & 1°02' = 140.69

RESERVOIR SITE

SECTION 5

SECTION 8

Sec. Line

300.00 Rd. 142

Bdry. Established Parallel with & 300' at Rt. angles to the North line of Sec. 8

Line Pt. set a 2" I.P. Conc. Plug & C.C. Tag, 2" up

165.30

89°48'00"

N.W. 1/16 Cor.

Line Pt. set a 2" I.P. Conc. Plug & C.C. Tag on spot

169.47 @ T-68°
169.47 & 1°02' = 169.47
169.12' @ T-68°
169.12 & 1°02' = 169.12
169.59 @ T-68°
169.59 & 1°02' = 169.59

S.E. Cor. Set a 2" I.P., Conc. Plug & C.C. Tag, 2" up
Set record deed dist.

124.68

175.32

East Ln. of the N.W. 1/4 of N.W. 1/4 of Sec. 8

1/16 Sec. Cor. fd. a Co. Eng. Bd. Cap Hon. Mkd. as shown per F.B. 3195-147, 184

COUNTY ENGINEER
T 4 N
R 17 W
Sec 5 | Sec 8
N 1/16 Cor
26589

127.60 @ T-56° = 127.57 & 12°13' = 124.68
127.50 @ T-56° = 127.47 & 12°01' = 124.68

191.12' @ T-60° = 191.09 & 23°27' = 175.31
191.33 @ T-60° = 191.30 & 23°39' = 175.32

Notes Ck'd by R. HILARIO	Survey of Val Verde Res. Site
Map No. B-5088	JN 2505.14 Tape 0354 Std 68°F
Office Work R. BRIONES	Surveyed by Mankey Jr.
Checked R. HILARIO	Notes ETMcJr. Date 11-'69
Date 3-25-70	Indexed C.L. GALLI NOV 26 '69

F.B. 3195 Pg. 187

JN 2505.14

VAL VERDE RESERVOIR SITE

W.W. DIST. #36

ACCESS EASEMENT FROM

SAN MARTINEZ RD. W'ly TO

RESERVOIR SITE

See Index Map Pg. 180

Mankey
Yasui
Masuda
Darby

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE #310 9.67

F.B. 3195 Pg. 188

63.64 @ T-60° = 63.64

42.97 @ T-60° = 42.97

Fd. 2" I.P. Conc. Plug & C.E. Tag, 8" dia. & protected by a C.E.C.I. Cover per F.B. 3448-127

Est. by Int. Set a 2" I.P. Conc. Plug & C.E. Tag, 6" dia.

DAN MARTINEZ RD.

Set Chis. & in iron gate post 24" up

Fd. 2" I.P. Conc. plug & C.E. Tag, 8" dia., on line Road. Per F.B. 3448-127

35.00

42.97

63.64

53.13

77.07

INGRESS - EGRESS & PIPELINE EASEMENT

(34.6)

F.B. 3448

SECTION LINE

Set nail & C.E. Tag in 3" up 16" shade Tree

Fd. Spk. & W. (Mkd. L.A.Co. Flood Control) 6" up in PPS 4006E

354.76 Calc.

113.63

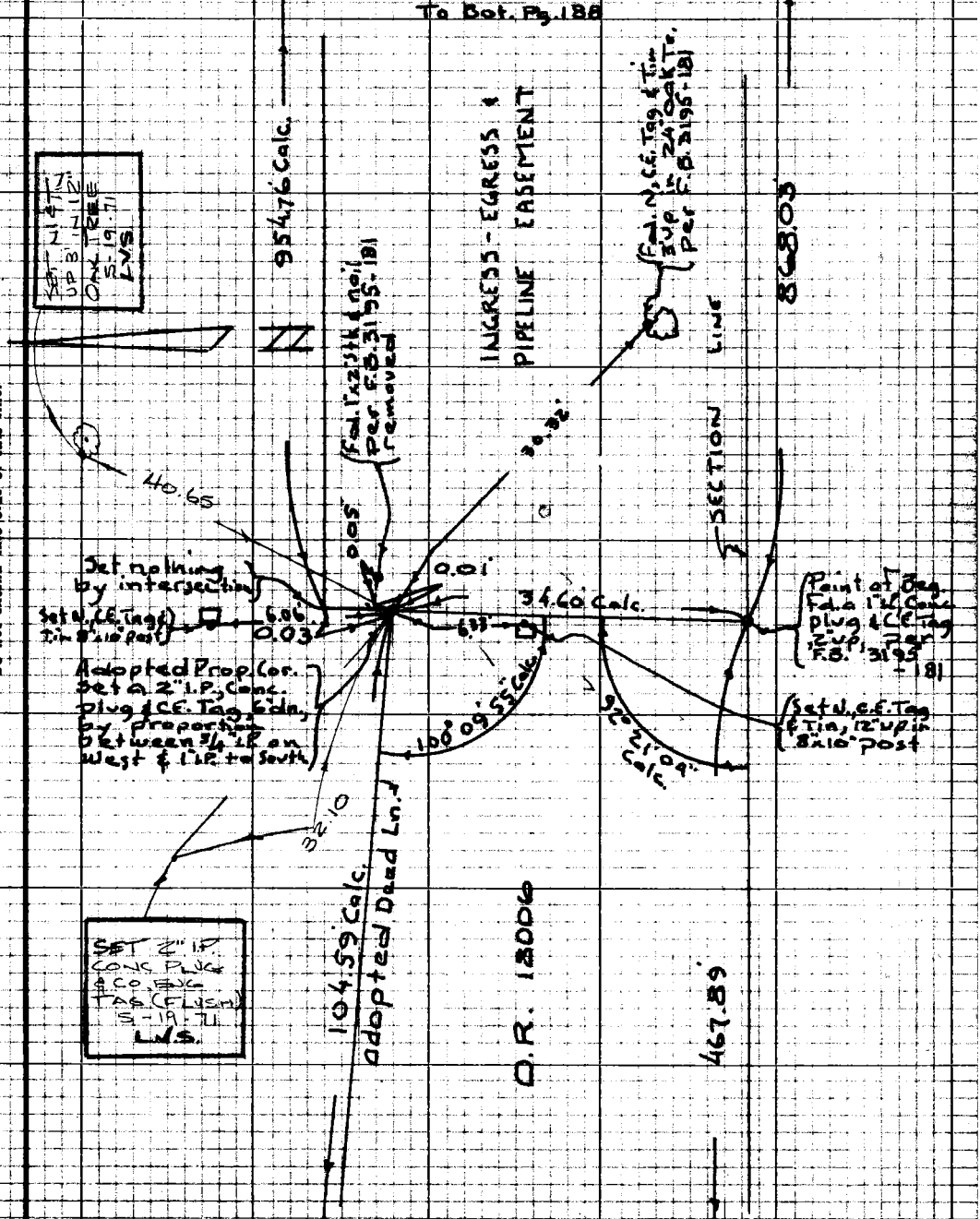
Fd. 1/4 Sec. Cor. Br. Cap Co. Sur. Mon., mkd. as shown, per F.B. 3448-85 & F.B. 3195-143

SURVEYOR
COUNTY
T 4 S
R 13 W
SEC 5
SEC 8
1/4 COR.
R.F.E.

86803

To Top Pg. 189

Notes Ck'd by R. HILARIO	Survey of Valverde Res. Site	F.B. 3195 Pg. 189
Map No. B-5088	IN 2505.14 Tape 0254 Std 68°F	
Office Work R. BRIONES	Surveyed by Mankey Jr.	
Checked R. HILARIO	Notes ETM Jr. Date 11-'69	
Date 3-25-70	Indexed C. L. GALLI NOV 20 '69	



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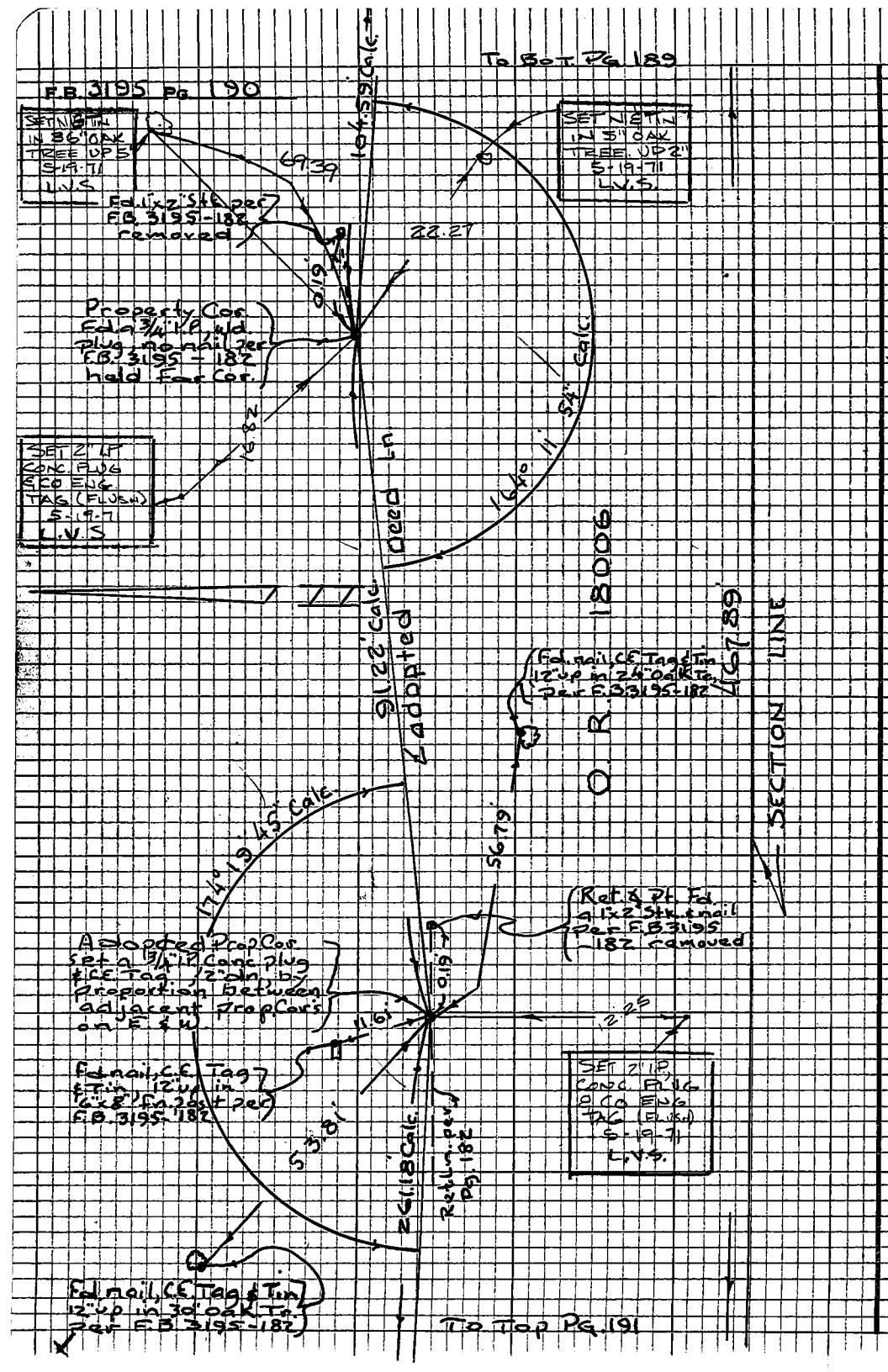
76P3098 CE #310 5-66



To Bot. Pg. 189
F.B. 3195 Pg. 190
SET N & T IN IN 36" OAK TREE UP 5" 5-19-71 L.V.S.
SET N & T IN IN 5" OAK TREE UP 2" 5-19-71 L.V.S.
104.59 Calc.
69.39
Fd. 1"x2" Stk. per F.B. 3195-182 removed
22.27
0.19
Property Cor. Fd. a 3/4" I.P. wd. plug, no nail per F.B. 3195-182 held for Cor.
16.82
SET 2" I.P. CONC. PLUG & CO ENG. TAG (FLUSH) 5-19-71 L.V.S.
164° 11' 54" Calc.
Deed Ln.
91.22' Calc.
Adopted
O. R. 18006
167.89
SECTION LINE
Fd. nail, C.E. Tag & Tin 12" up in 24" Oak Tr. per F.B. 3195-182
174° 19' 45" Calc.
56.79
Ret. & Pt. Fd. a 1"x2" Stk. & nail per F.B. 3195-182 removed
Adopted Prop. Cor. set a 3/4" I.P. Conc. plug & C.E. Tag, 2" dn. by proportion between adjacent Prop. Cor's on E. & W.
0.19
11.61
12.25
Fd. nail, C.E. Tag & Tin, 12" up in 6"x8" fn. post per F.B. 3195-182
53.81
261.18 Calc.
Ret. Ln. per Pg. 182
SET 2" I.P. CONC. PLUG & CO ENG. TAG (FLUSH) 5-19-71 L.V.S.
Fd. nail, C.E. Tag & Tin 12" up in 30" Oak Tr. per F.B. 3195-182
To Top Pg. 191

76P2095 CE #810 8-66

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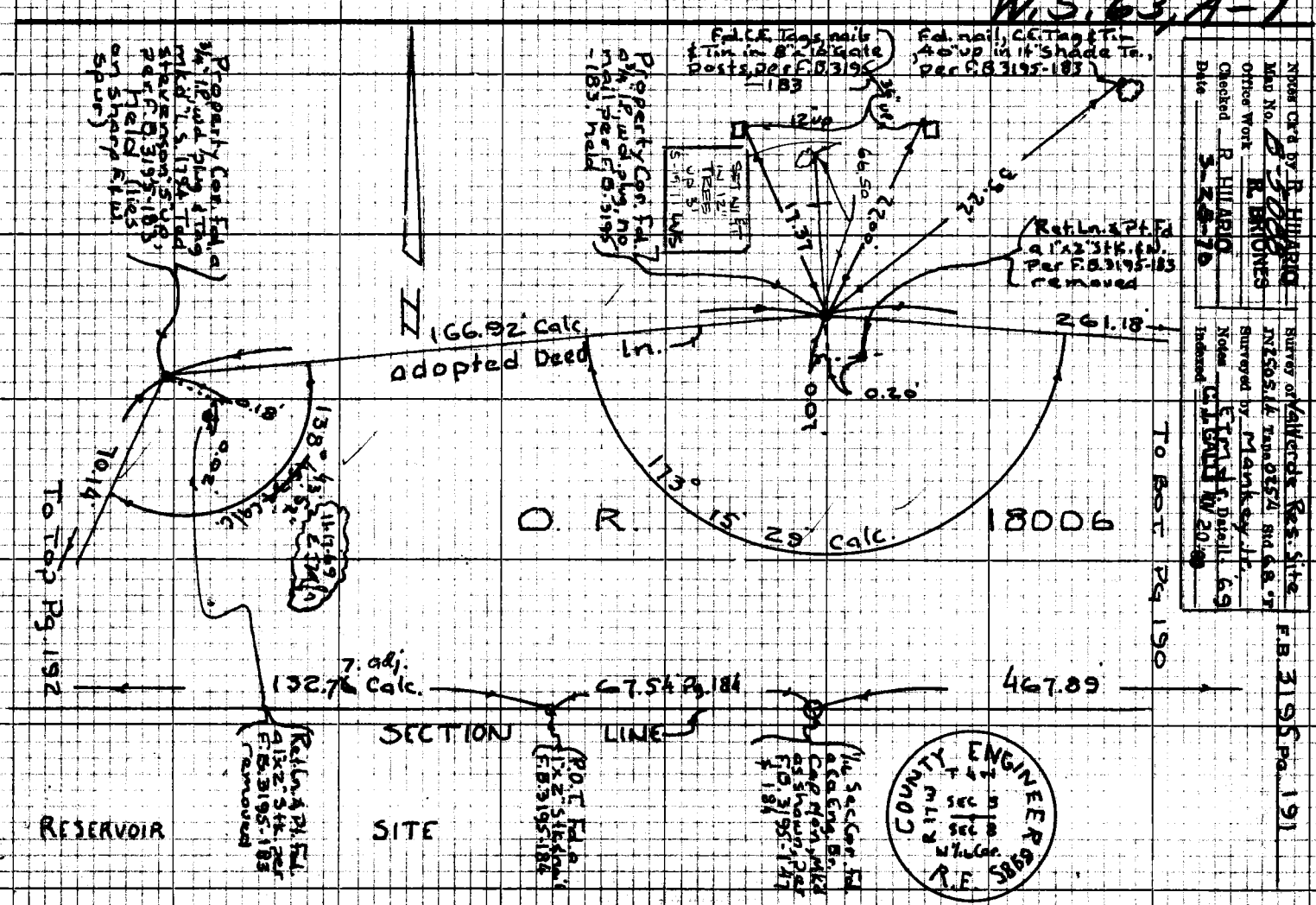
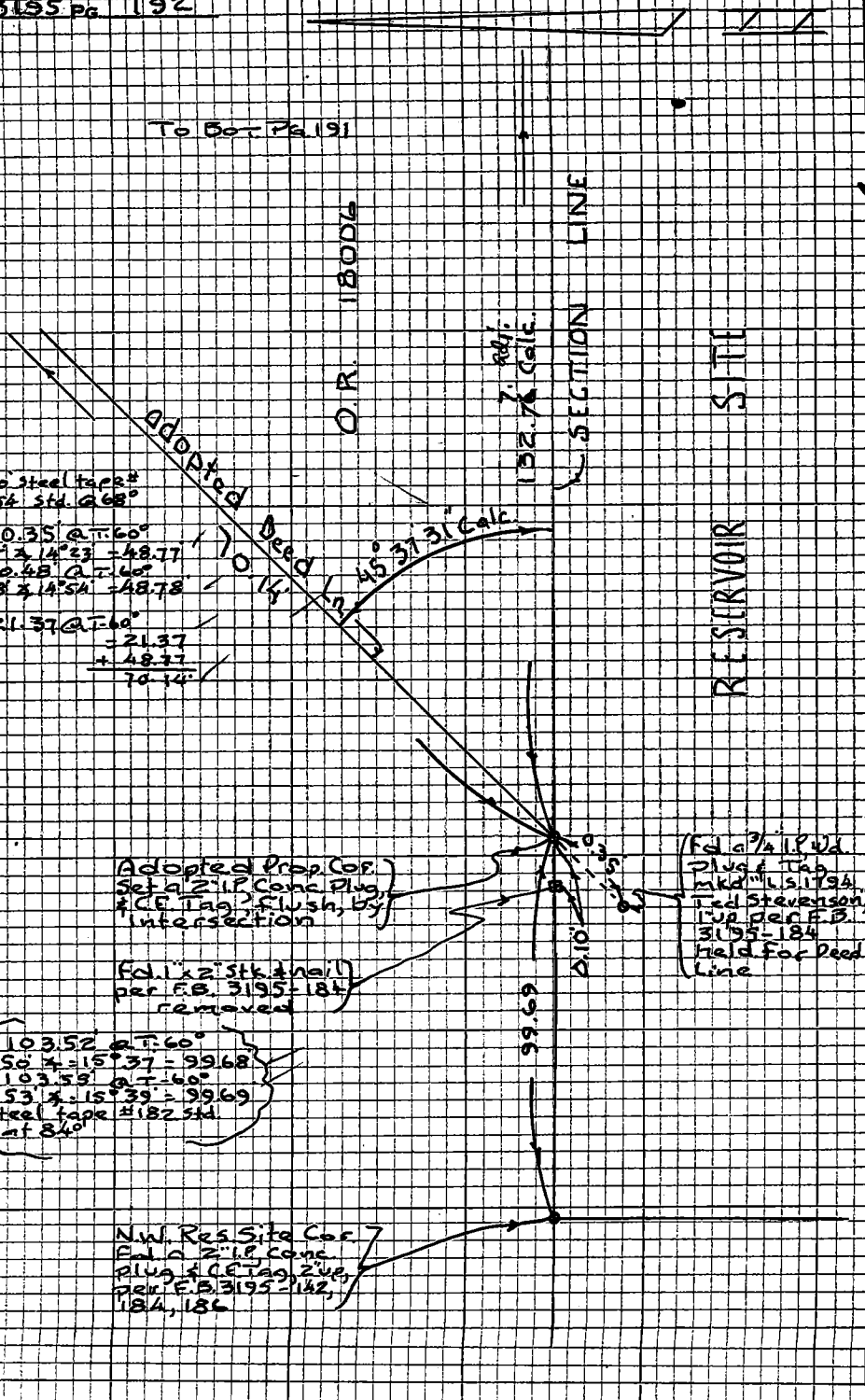
W.S. 63, A-1



F.B. 3195 Pg 192

To Bo. Pg 191



Profile No.	Notes Red Date	Plotted Date	Job No. 5362.13	Division No.	F. B. 3195 PG. 093
X-Sec. No.	Notes Chk'd. Date	Checked Date	Survey of W W DIST. # 36		
			Survey by C. L. WRIGHT	Notes C MW	Date 18 - Dec '69
			Map No.	Indexed C. J. GALLI	Date JAN 8 '70

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WATERWORKS DISTRICT # 36

W.N. 5362.13

PROFILE - 8' OFFSET LINE

AND CUTS TO BOTTOM OF PIPE

TOTAL TIME - 8 HOURS

2300'± CONSTRUCTION STAKES

PARTY CHIEF C. L. WRIGHT

INSTRUMENTMAN R. Z. ALMANZAN

HEAD CHAINMAN M. R. NEVAREZ

" " L. G. KEISNER

" " T. A. DONLEVY

TOTAL MILES TRUCK # 40947 - 10 MILES

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

76-L-298 CE 307 5-66

F. B. 3195 Pg. 194 | Job No. 536213 | Division No. | Notes Red | Plotted
Survey of WW DIST # 36 | Date | Date
Survey by C.L. WRIGHT Notes C.L.W. | Notes Chk'd. | Checked
Indexed C.J. GALLI | Date 18-DEC'69 | Date | Date

Do not enter notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
P.I. # 7				1020 92	FD. 2" I.P. CONC. PLUG & TAG UP 2" PER FB 3195-175	
	0 35	1021 27			GR. BOT. PIPE	
31+00			9 7	11 6	1006 8	℄
"			9 72	11 55	1006 8	8'R C 4 75
31+50			6 3	15 0	1010 2	℄
"			7 92	13 35	1010 2	8'R C 3 15
TP			0 35	1020 92		
	10 32	1031 24				
32+55			5 7	1025 5	1021 4	℄
"			5 58	1025 66	1021 4	8'R C 4 26
E.C. # 8			1 20	1030 04	FD. 2" I.P. CONC. PLUG & TAG DN 7" IN WELL & COVER F.B. 3195-176	

Notes Ck'd by	Survey of W.W. DIST. # 36
Map No.	JN 5362.13 Tape Std °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes C. L. W. Date DEC '69
Date	Indexed C. J. GALLI JAN 8 '70

F.B. 3195 PG. 195

WATER WORKS DIST. # 36

SHOWING PIPE LINE WHERE ALIGNMENT VARIES FROM PARALLEL WITH ℄ OF HASLEY CYN. RD.

J.N. 5362.13

ALIGNMENT PER.

SPECS. # W.W.D. 36-12 OF 1969

PARTY:

CHIEF	C. L. WRIGHT
INST.	R. J. ALMANZAN
H.C.	M. R. NEVAREZ
H.C.	L. C. KEISNER
H.C.	T. A. DONLEVY

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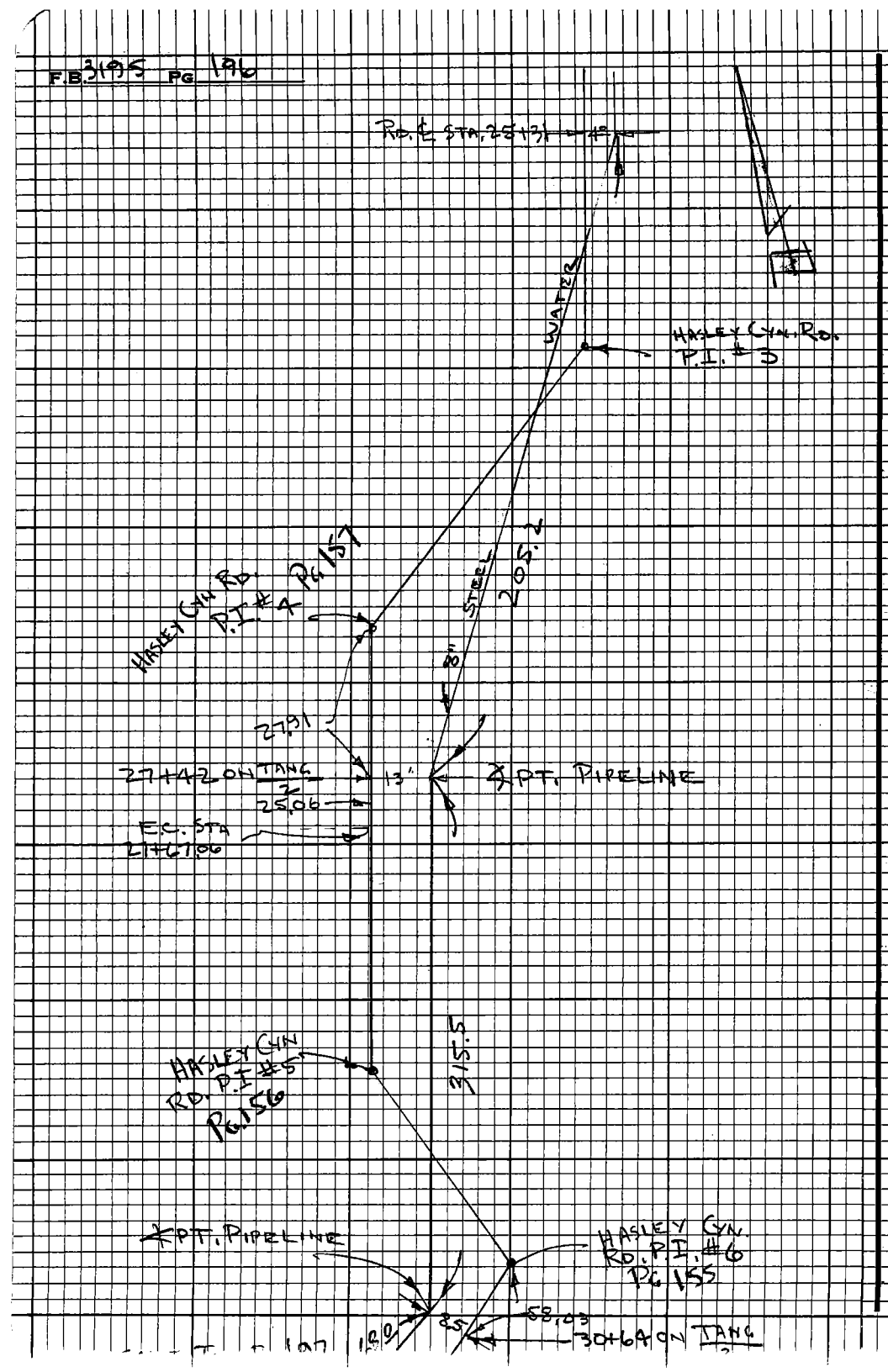
78F098 CE#310 9.67

F.B. 3195 PG 196



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

Survey of W.W. DIST. #36
JN 52161.13 Tape Sta 'F
Surveyed by C. L. WRIGHT
Notes C.L.W. Date DEC. '69
Indexed C.J. GALLI

F.B. 3195 PG. 197

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76FS098 CE#310 9.67

Notes Ck'd by	Survey of WWD #36
Map No.	JN 0208.21 Tape EDM Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 12-11-81
Date	Indexed H. HOLMAN DEC 18 1981

F. B. 3195 PG. 199

J. N. 0208.21

WATER WORKS DIST. #36

VAL-VERDE - CASTAIC CREEK

12" WATER MAIN CROSSING

10' EASEMENT

Burkholder
Noble
Sidwell

Reference:
Spec. 4196-2 (1981)
F.B. 3195
F.B. 3166
RD F.B. 2710

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F305 CE#310 3-69

F.B. 3195 PG. 200

To Bot. pg# 201

17.07 Lev. = 17.07
243.19 Lev. = 243.19
37.23 Lev. = 37.23

(12.00)

17.07

2+43.2
Abutment #8

2.00

Set Sq. hd. Spk.

2.9

2+08.3
Bent #7

3.6

1+74.0
Bent #6

Approx. 4 10" I.D. Petroleum Pipe on Bridge Bent Per Detail 8/2 Spec. # 4196-2

4.1

1+39.0
Bent #5

2' O/S Line

243.19

4.1

1+03.9
Bent #4

FRONTAGE ROAD

3.6

0+68.9
Bent #3

2.9

0+34.3
Bent #2

Set Sq. hd. Spk

2.00

0+00
Abutment #1

37.23

Set Sq. hd. Spk.

00-00-20
180-00-21

82-35-28
262-35-21

270-05-28
90-05-25

352-40-35
172-40-35
M=82-35-10

911.69 @ 89-17-35 =
= 911.62

35'-10"

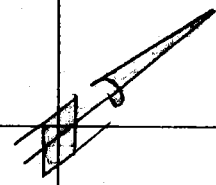
82°

911.62
Line

To Rt. Pg # 203

Notes Ck'd by	Survey of WWD #36
Map No.	JN D208.21 Tape EDM Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 12-11-81
Date	Indexed H. HOLMAN DEC 16 1981

F. B. 3195 PG. 201



150.41 @ 88-55-20 =
= 150.38

To Bot Pg # 202

(5)

(5)

150.38

℄ Proposed 10' Easement

X-Pt. Set 1x2 & Nail 10' N'w'ly of W'ly edge of Conc. Drain

00-00-20
180-00-16

108-22-50
288-22-46

270-05-30
90-05-35

18-28-01
198-28-07
108-22-31

108-22-31

10.50

End Conc. Drain

Set ck'd Wall of Conc. drain

1) 135-00-00
2) 180-02-40
3) 90-04-00
135-00-40

114.18 @ 94-18-00 =
= 113.86
10.50 Lev. = 10.50

(5)

(5)

135-00-40

113.86

Calc. 2.83

Set Sq. hd. Spk @ Int. ℄ 5' Easement & 2' o/s Line, Calc. dist. 17.07 from abutment #8

(12.00)

2' o/s line

17.07

To Top Pg # 200

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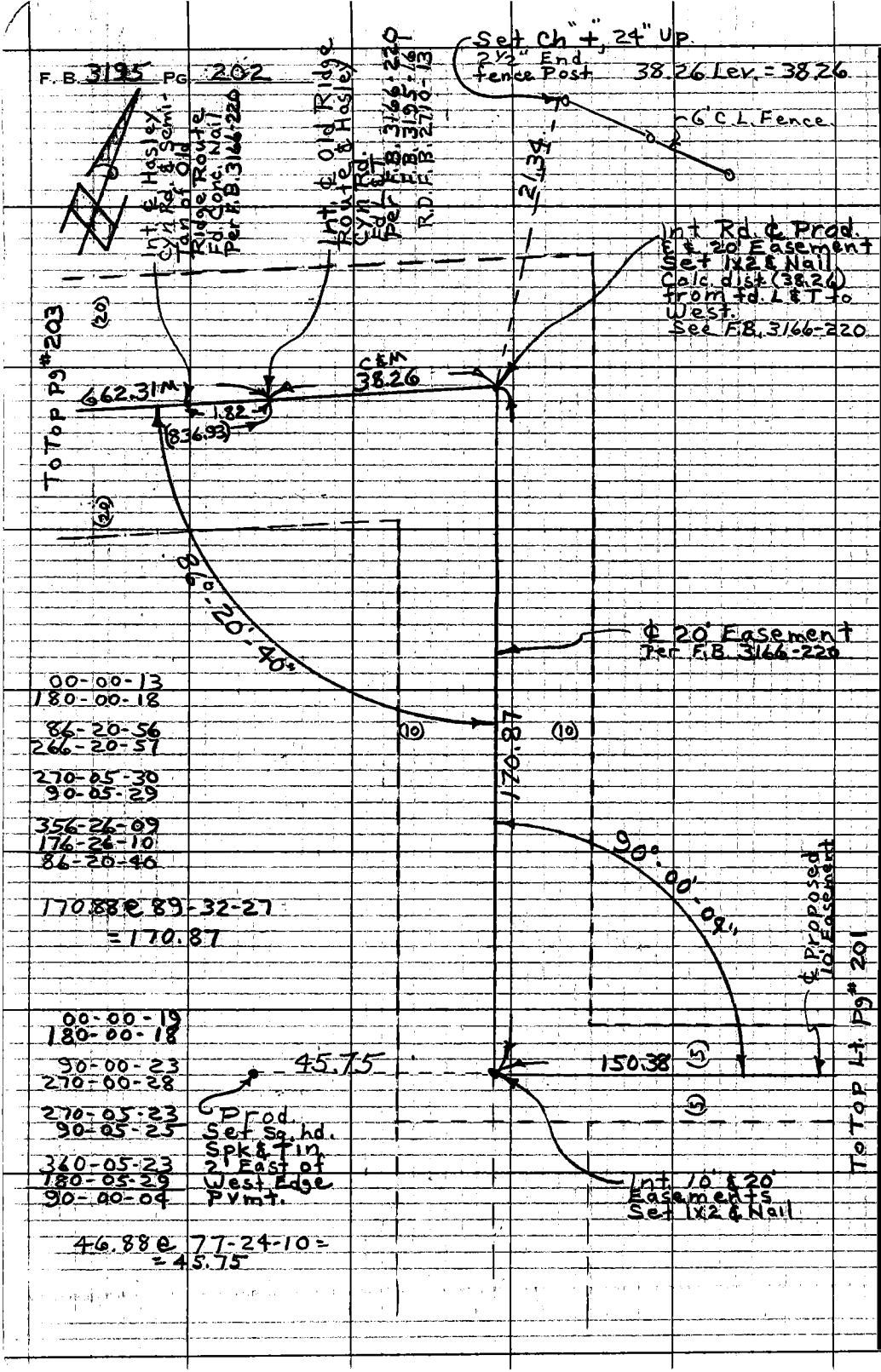
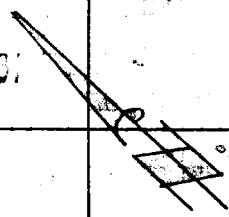
16F309S CE#310 3-69


F.B. 3195 PG 202
Set Ch "+", 24" Up.
2½" End fence Post
38.26 Lev. = 38.26
6' C.L. Fence
Int. ℄ Hasley Cyn Rd. & Semi-Tan of Old Ridge Route Fd. Conc. Nail Per F.B. 3166-220
Int. ℄ Old Ridge Route & Hasley Cyn Rd. Fd. L & T Per F.B. 3166-220 F.B. 3195-16 R.D. F.B. 2710-13
21.34
Int. Rd. ℄ Prod. ℄ & 20' Easement Set 1x2 & Nail Calc. dist. (38.26) from fd. L & T to West. See F.B. 3166-220
To Top Pg #203
(20)
662.31M
1.82
(836.93)
C&M 38.26
(20)
86°-20'-40"
℄ 20' Easement Per F.B. 3166-220
(10)
(10)
170.87
90°-00'-04"
℄ Proposed 10' Easement
To Top Lt. Pg # 201
00-00-13
180-00-18
86-20-56
266-20-57
270-05-30
90-05-29
356-26-09
176-26-10
86-20-40
170.88 @ 89-32-27
= 170.87
00-00-19
180-00-18
90-00-23
270-00-28
270-05-23
90-05-25
360-05-23
180-05-29
90-00-04
45.75
150.38
(5)
(5)
Prod. Set Sq. hd. Spk & Tin 2' East of West Edge Pvmt.
Int. 10' & 20' Easements Set 1x2 & Nail
46.88 @ 77-24-10 =
= 45.75

Notes Ck'd by	Survey of W.W.D. #36
Map No.	JN 0208.21 Tape EDM Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 12-11-81
Date	Indexed H. HOLMAN DEC 18 1981

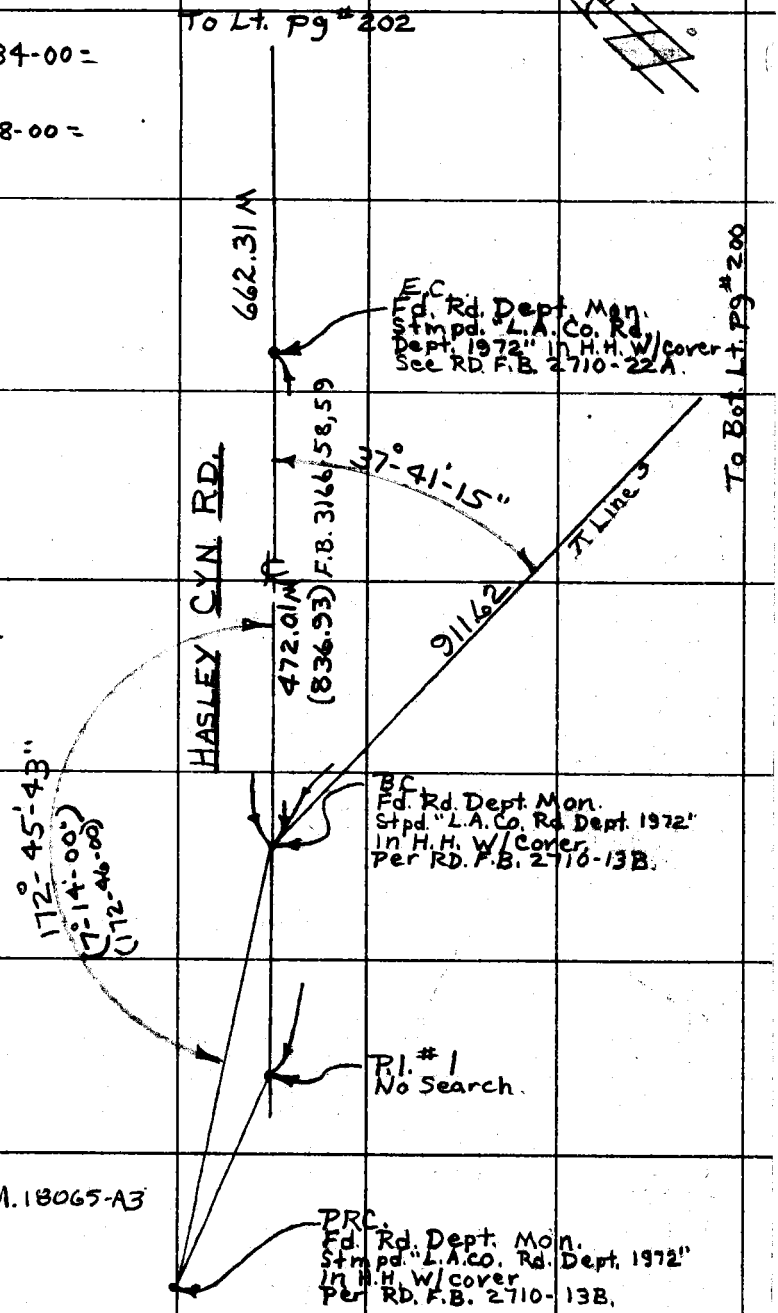
F. B. 3195 PG. 203



662.33 @ 89-34-00 =
= 662.31
472.01 @ 89-48-00 =
= 472.01

00-00-21
180-00-16
37-41-37
217-41-28
270-05-23
90-05-27
307-46-40
127-46-45
37-41-15

1) 172-45-40
2) 331-03-00
3) 316-34-20
172-45-43



℄ data Per
Rd. Dept.

Δ = 14-28-00
R = 1375.79
T = 174.62
L = 347.37

℄ data Per
F.B. 3195-160 & F.M. 18065-A3

Δ = 14-28-00
R = 300
T = 38.08
L = 75.75

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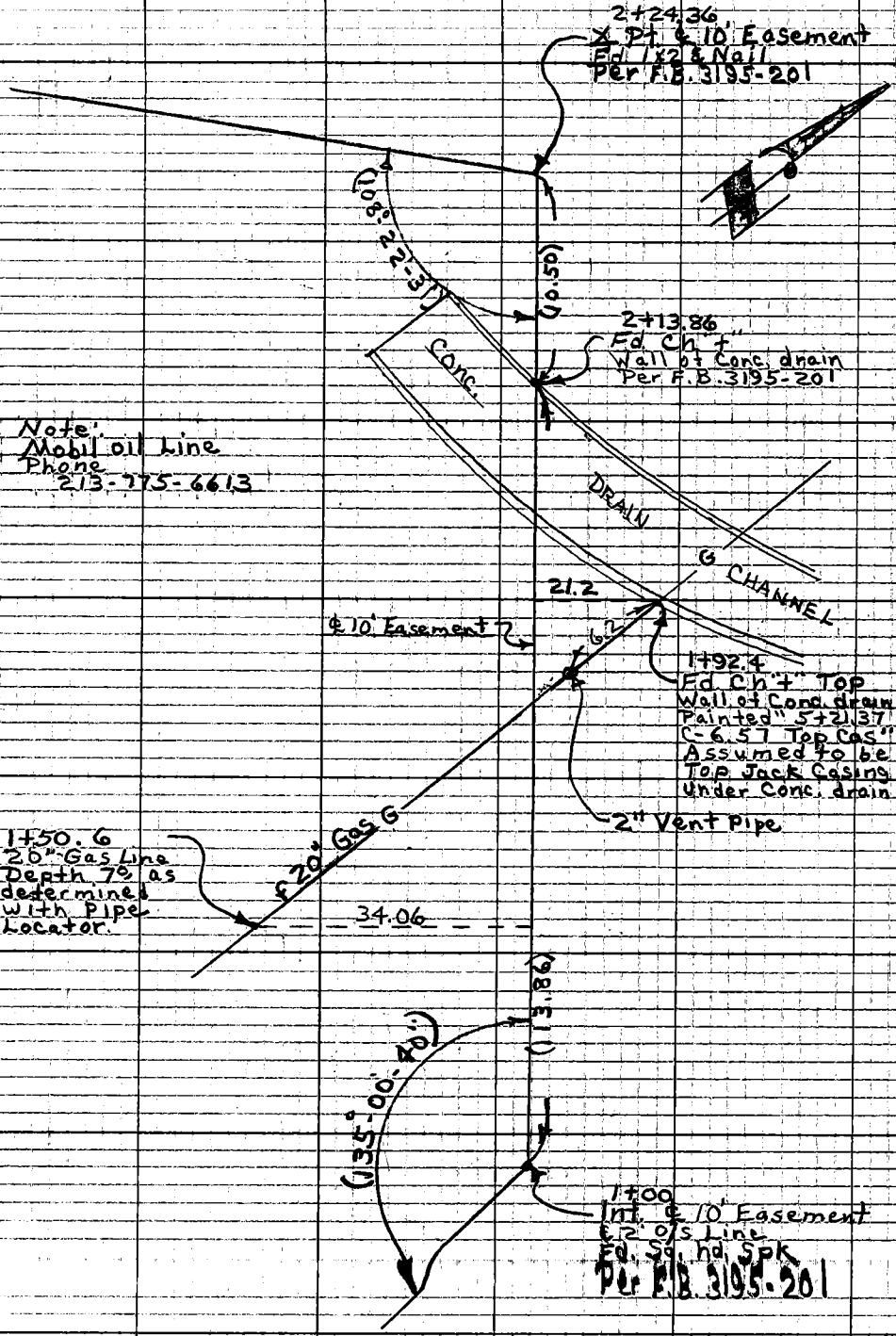
76F309S CE#310 3-69

F.B. 3195 PG. 204

7-20-82 Location of 20" Gas Line (Using Pipe Locator)



Notes Ck'd by	Survey of Val Verde-Castaic Creek Water Main
Map No.	JN 1512.57 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes RKB Date 5-2-83
Date	Indexed

F. B. 3195 PG. 205

J.N. 1512.57

VAL VERDE - CASTAIC CREEK

CROSSING 12" WATER MAIN

Reference.
Spec # 4196
F.B.

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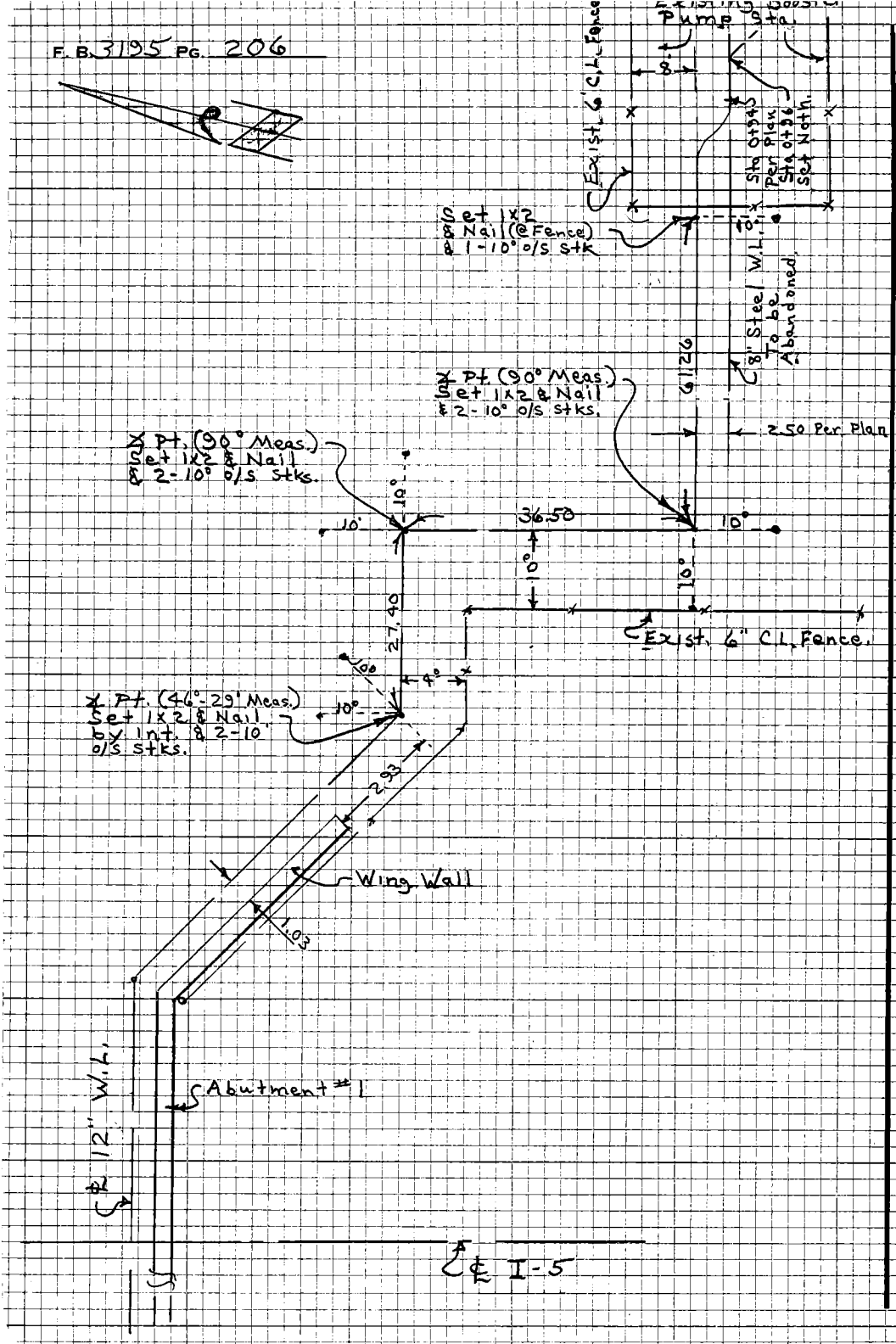
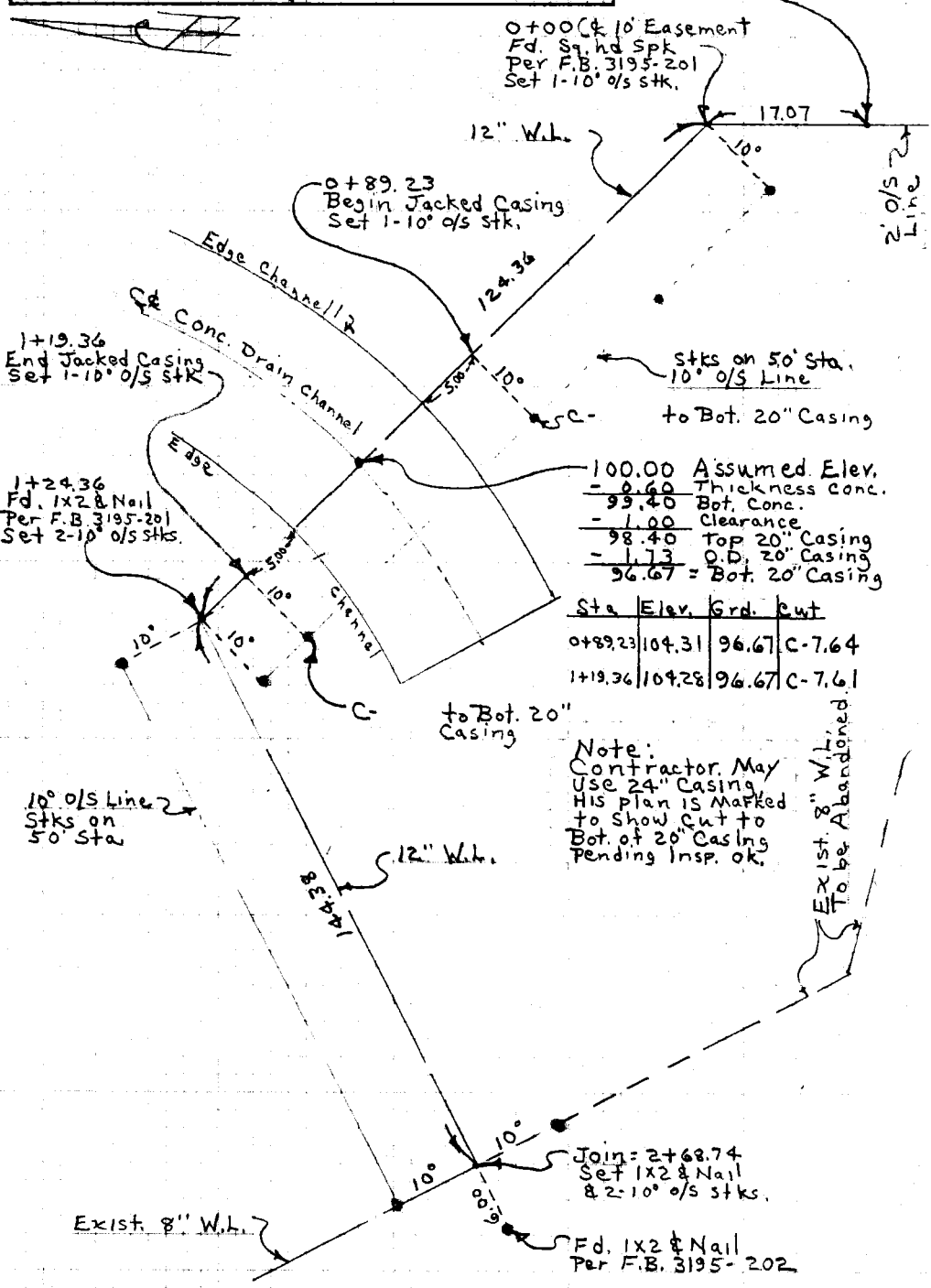
76F 309S CE #310 12/79

F. B. 3195 PG. 206



Notes Ck'd by	Survey of Val Verde-Castaic Creek Crossing 12" W.L.
Map No.	JN 1512.57 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes 98B Date 5-2-83
Date	Indexed

F. B. 3195 PG. 207



Sta.	Elev.	Grd.	Cut
0+89.23	104.31	96.67	C-7.64
1+19.36	104.28	96.67	C-7.61

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76F 309S CE #310-12/79