

F.B.
821

U.S. OFFICE
OF
CORRECTIONS

LEVEL BOOK.

No. 410

MICROFILMED
DEC 15 1964

RETURN TO CITY ENGINEER'S OFFICE
CITY HALL, SAN DIEGO, CAL.

University of Florida

9/11/12 X Sec Brant St (70') from W. side
12/11/12 S. L. Dupas to S. L. Brant St

S. L. Dupas St

			BM Mon alt of Brant Dupas
	5.76	<u>248.16</u>	242.40
N		(5.9 -1.5)	242.3 242.7
W		(6.1 -3.3)	242.1 244.9
E		6.0	242.2
S		5.1	243.2
N		4.7	243.5
W		4.6	243.6
E		4.2	244.0

2.5' S of Dupas St

E		3.9	244.3
W		4.2	244.0
N		4.5	243.7
S		4.7	243.5
E		5.0	243.2
W		5.6	242.6
N		5.9	242.3

24815

50' S of Q. pas st.

W	64	241.8
bl	59	242.3
Y	52	243.0
b	47	243.5
Y	43	243.9
bl	44	243.8
E	39	244.3

75' S of Q. pas st.

E	39	244.3
bl	43	243.9
Y	45	243.7
b	49	243.3
Y	54	242.8
bl	52	242.6
W	60	242.2

24816Brant

2

100' S of Q. pas st.

W	59	242.3
bl	57	242.5
Y	52	243.0
b	50	243.2
Y	45	243.7
bl	41	244.1
E	34	244.6

125' S of Q. pas st.

E	32	245.0
bl	38	244.4
Y	44	243.8
b	48	243.4
Y	51	243.1
bl	53	242.9
W	55	242.7

24816

	150	Sy	Q pas	at
W			52	243.0
H			50	243.2
Y			49	243.3
L			44	243.8
7			41	244.1
H			36	244.6
E			31	245.1

	175	Sy	Q pas	at
E			25	245.7
H			32	245.0
Y			38	244.4
L			40	244.2
7			44	243.8
H			47	243.5
W			49	243.2

24816

Brant #

2

	200	Sy	Q pas	at
W			45	243.7
H			44	243.8
Y			39	244.3
L			35	244.7
7			30	245.2
H			27	245.5
E			21	246.1

	225	Sy	Q pas	at
E			15	246.7
H			20	246.2
Y			22	246.0
L			29	245.3
7			33	244.9
H			35	244.7
W			40	244.2

24816

	250	S of	N of	
W			33	244.9
SE			29	245.3
Y			25	245.7
S			24	245.8
Y			18	246.4
SE			15	246.7
E			11	247.1

	275	S of	N of	
E			15	246.7
SE			16	246.6
Y			18	246.4
S			21	246.1
Y			21	246.1
SE			23	245.9
W			27	245.5

70 290 24821 285 245.51

24821

Brent

3

300' S = 2 of them at (80)

W	27	245.5
SE	25	245.7
Y	23	245.9
S	24	245.8
Y	21	246.1
SE	22	246.0
E	19	246.3

	N	SE of	them at
E	22		246.0
SE	27		245.8
Y	21		246.1
S	26		245.6
Y	27		245.8
SE	27		245.5
W	27		245.3

248.21

N 1/4 of 7th Ave st

W	30	245.2
th	29	245.3
Y	25	245.7
L	26	245.6
Y	24	245.8
th	27	245.5
E	28	245.4

Center of 7th Ave st

E	29	245.3
th	30	245.2
Y	26	245.6
L	29	245.3
Y	29	245.3
th	30	245.2
W	30	245.2

248.21

Brant st

4

S 1/4 of 7th Ave st

W	32	244.9
th	32	245.0
Y	30	245.2
L	32	245.0
Y	30	245.2
th	33	244.9
E	32	245.0

S 1/4 of 7th Ave

E	35	244.7
th	34	244.8
Y	35	244.7
L	34	244.8
Y	30	245.2
th	30	244.9
W	35	244.7

248.21

	S	dir	of	7 horns
W				37 244.5
W				35 244.7
Y				32 245.0
b				36 244.6
Y				35 244.7
W				37 244.5
E				37 244.5

	25'	S of	7 horns
E			40 244.2
W			40 244.2
Y			40 244.2
b			41 244.1
Y			43 243.9
W			42 244.0
W			43 243.9

248.21

Brant st

5

	50'	S of	7 horns W
W			52 243.0
W			53 242.9
Y			49 243.3
b			50 243.2
Y			47 243.5
W			47 243.3
E			48 243.4

	75'	S of	7 horns
E			54 242.8
W			55 242.7
Y			53 242.9
b			55 242.7
Y			52 242.6
W			52 242.6
W			63 241.9

24821

	100'	S of	Thorne
W			66 241.6
ll			64 241.8
Y			62 242.0
L			62 242.0
Y			61 242.1
ll			62 242.0
E			62 242.0

	125'	S of	Thorne
E			68 241.4
ll			68 241.4
Y			68 241.4
L			68 241.4
Y			72 241.0
ll			70 241.2
W			70 241.2

24821

Brant

6

	150'	S of	Thorne
W			77 240.5
ll			80 240.2
Y			81 240.1
L			77 240.5
Y			78 240.4
ll			77 240.5
E			76 240.6

	175'	S of	Thorne
E			83 239.9
ll			84 239.8
Y			84 239.8
L			87 239.5
Y			88 239.4
ll			87 239.5
W			82 240.0

24821

	200	S of	Thorne
St			9.2 239.0
bl			9.8 238.4
Y			10.1 238.1
b			9.5 238.7
Y			9.2 239.0
bl			9.0 239.2
E			9.2 239.0

	225	S of	Thorne
E			10.9 237.3
bl			10.6 237.6
Y			10.6 237.6
b			10.9 237.3
Y			11.7 236.5
bl			12.2 236.0
W			10.8 237.4

TR 0.66 236.17 12.70 235.57

23617

Brant

	250	S of	Thorne
W			1.5 234.7
bl			2.5 233.7
Y			2.4 233.8
b			12.0 234.5
Y			1.5 234.7
bl			1.6 234.6
E			1.7 234.5

	275	S of	Thorne
E			5.0 231.2
bl			4.6 231.6
Y			4.5 231.7
b			4.5 231.7
Y			4.8 231.4
bl			5.3 230.9
W			4.7 231.5

23017

300 S = N 1/2 of Spruce

W	87	227.5
H	77	228.5
Y	74	228.8
L	79	228.3
7	98	226.4
H	120	224.2
E	128	223.4

N 1/2 of Spruce

W	103	225.9
⁷⁵	109	226.3
10' E	85	227.7
20' E	84	227.8
⁷⁵	84	227.8
30' E	110	225.2
40' E	136	222.6

TP	477	23019	1075	225.42
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23019

N 1/4 of Spruce

W 1/2	48	225.4
10' E	34	226.8
20' E	33	226.9
30' E	53	224.9
40' E	96	220.6

Center of Spruce

W 1/2	50	225.2
20' E	44	225.8
20' E	42	226.0
⁷⁵	44	225.8
30' E	100	220.2
40' E	178	212.4

S 1/4 of Spruce

W 1/2	51	225.1
10' E	47	225.5
20' E	45	225.7
⁴¹	44	225.6
30' E	93	220.9
40' E	180	212.2

Brent

8

23019

S	Ob of	Spencer	
WL		47	225.5
10' E		48	225.4
20' E		44	225.8
30' E		46	225.6
		85	221.7
40' E		180	212.2

S line of Spencer

WL		41	226.2
10' E		48	225.4
20' E		44	225.8
30' E		46	225.6
		68	223.4
40' E		144	215.8

For slopes see old profile 80' wide

245 24746 245.35

015 234.61 1300 23446

218.4

23461

9

(85) An a Regional line from NE bar at (20')
to SE bar at (40')

NE bar	11.6	2230
TP	034	221.90 1305 22152
N lb	44	2193
N 1/4	73	214.6
b	136	208.3
+ 6'	172	204.7
S 1/4	176	204.3
S lb	136	208.3
SE bar	65	215.4



9/11/74 X Sec of Robinson Ave (80)
 E line of PK Blvd to W 2nd Flanna St

32279

Robinson
10

	143	317.34	315.91	Bm n w Unit & PKB	2	71	315.7
					7'	93	313.5
	758	32279	315.21		ll	66	316.2
					xv	50	317.8
					4-	50	317.8
n		7.4	315.6		6	43	318.5
ll		6.8	316.0		4	45	318.3
4		7.2	315.6		ll	44	318.4
6		7.7	315.1		5	48	318.0
4		8.0	314.8				
ll		8.2	314.6		5	48	318.0
S		8.5	314.3		ll	45	318.3
					46'	43	318.5
	25'				48'	104	312.4
S		5.7	317.1		4	164	312.4
ll		5.4	317.4		6	11.2	311.6
4		5.4	317.4		4	10.0	312.8
6		5.3	317.5		4	4.6	318.2
4		5.2	317.6		4	5.0	317.8
					xv	5.0	317.8
ll		5.3	317.5		ll	6.6	316.2
	78'	5.5	317.6		7'	9.3	313.5
n		6.4	316.4		n	71	315.7

44' E of Park Blvd

45' E of Park Blvd

322.79

50' E 7' Pk Blud

R		76	315.2
	+10	117	311.1
H		90	313.8
	+6'	57	317.1
Y		56	319.2
	+7'	60	316.8
	+8'	100	312.8
b		122	310.6
4		124	310.4
	+6'	98	313.0
	+7'	42	318.5
th		46	318.2
S		47	318.1

65' E 7' Pk Blud

S		58	317.0
th		54	317.4
	+5'	65	317.3
	+7'	102	312.6
4		128	310.0
b		124	310.4
	+4'	108	312.0
	+5'	71	315.7
	+11'	67	315.9
4		82	314.6
th		136	309.2
	+5'	134	309.4
R		85	314.3

322.79

Robinson

11

75' E 7' Pk Blud

R		75	315.3
	+10	136	309.2
H		142	308.6
	+9'	134	309.4
4		124	310.4
	+6'	116	311.2
b		130	309.8
4		129	309.9
	+6'	106	312.2
	+7'	59	316.9
th		60	316.8
S		68	316.0

86' E 7' Pk Blud

S		80	314.8
th		71	315.7
	+6'	67	316.1
	+7'	108	312.0
4		120	310.8
b		128	310.0
4		139	308.9
th		137	309.1
	+7'	106	312.2
	9	65	316.3
n		57	317.1

32279

88' E of Park Blvd

n	n		58	317.0
		+7'	64	316.4
h		+8'	11.2	311.6
y	h		136	309.2
	y		139	308.9
b	b		126	310.2
		+3'	72	315.6
y	y		68	316.0
	h		74	315.4
h	s		84	314.4
s				
	s		95	313.3
s	h		83	314.5
h	y		80	314.8
		+8'	78	315.0
		+10'	105	312.3
y	b		123	310.5
		+5'	135	309.3
b	y		140	308.8
		+10'	131	309.7
	h		120	310.8
		+2'	11.1	311.7
y		+3'	79	314.9
		+5'	67	316.8
h	n		66	316.2
n				

100' E of Park Blvd

32281

125' E of Park Blvd

n			66	316.2
h			75	315.3
		+7'	81	314.7
y			133	309.5
	b		141	308.7
		+4'	142	308.8
y			95	313.3
		+5'	85	314.3
	h		85	314.3
		+7'	85	314.3
	s		101	312.7
s			116	311.2
		+6'	90	313.8
h			88	314.0
		+4'	86	314.8
y			140	308.8
	b		139	308.9
		+4'	132	309.6
		+10'	90	313.8
y			87	314.1
	h		89	313.9
	n		67	316.1
TP			787	314.90
			706	321.96

150' E of Park Blvd

Robinson

12

321.96

175 E of Park Blvd

2		5.7	316.3
hh		6.6	315.4
4		7.7	314.3
b		8.9	313.1
	+7'	13.0	309.0
4		13.4	308.4
	+9'	13.0	309.0
h		11.9	310.1
	+3'	10.8	311.2
S		11.9	310.1

200 E of Park Blvd

S		12.7	309.3
hh		13.8	308.2
	+12'	13.0	309.0
4		12.0	310.0
	+3'	9.5	312.5
b		8.5	313.5
4		7.2	314.8
hh		5.8	316.2
2		4.5	317.5

321.96

Robinson

13

225 E of Park Blvd

2		2.8	319.2
hh		5.0	317.0
4		6.7	315.3
b		8.3	313.7
4		9.7	312.3
		13.4	308.6
	+7'	13.9	308.1
hh		13.7	308.3
	+5'	12.6	309.4
	+7'		
S		13.0	309.0

250 E of Park Blvd

S		13.1	308.9
hh		13.7	308.3
	+5'	13.2	308.8
	+9'	9.1	312.9
4		9.0	313.0
b		6.8	315.2
4		5.4	316.6
hh		3.4	318.6
2		1.3	320.7

32196

275' E of Park Blm

2		01	321.9
bl		28	319.2
4		52	316.8
6		70	318.0
4		86	313.4
	+8	97	312.3
	+8	132	308.8
bl		138	308.2
	+7	137	308.3
S		128	309.2

300' E of Park Blm

S		133	308.7
	+8	128	309.2
	+10	137	308.3
bl		140	308.0
	+6	139	308.6
4		88	313.2
	+11	88	
6		71	314.9
4		52	316.8
bl		29	319.1
2		05	321.5

32196

308' E

2		59	321.1
bl		31	318.9
4		54	316.6
6		73	314.7
4		89	313.1
	+7	135	308.5
	+6	138	308.2
	+5	140	308.0
	+6	119	310.1
S		122	309.8

310' E = W line of Georgia St (60')

Georgia St long graded

Elevations as given calls for

S on Mike

bl				
4		92	312.8	
6		72	314.8	
4		52	316.8	
bl		30	319.0	
2		10	321.0	
TP	0.56	312.52	100	311.96

Robinson

14

31252

E line of Georgia mill on
on Good who finished

6' E of Georgia

n	0.0	312.5
lh	1.4	311.1
y	1.3	311.2
l	2.6	309.9
y	4.8	307.7
lh	4.5	308.0
S	5.0	307.5
25' E of Georgia		
S	6.0	306.5
lh	5.8	306.7
y	5.0	307.5
l	4.5	308.0
y	4.2	308.3
lh	3.4	309.1
n	2.0	310.5

31251

Robinson

15

50' E of Georgia

n	4.0	308.5
lh	4.5	308.0
y	5.0	307.5
+8	4.8	307.7
l	5.8	306.7
+4	7.2	306.3
y	7.5	305.0
lh	7.0	305.5
S	7.7	304.8

75' E of Georgia

S	8.9	303.6
lh	9.1	303.4
y	9.2	303.3
+2'	10.2	302.3
l	10.4	302.1
+3'	10.4	302.1
y	6.0	306.5
+2'	5.1	307.4
lh	5.4	307.1
n	4.9	307.6

3/25

	100	E f	Georgia	
n			54	307.1
bl +9'			51	307.4
y			91	303.4
y			138	298.7
b			146	297.9
y			146	297.9
bl			137	296.8
S			137	296.8
+15			140	298.5
	115	E f	Georgia	
n			32	307.3
	125	E f	Georgia	
n			89	308.6
TP	108	30060	1300	29952
bl			25	298.1
+8			38	296.8
y			55	295.1
+8'			57	294.9
b			80	292.6
y			80	292.6
bl			87	291.9
S			86	292.0
+20			86	292.0

30060

Robinson

16

	150	E f	Georgia	
			147	285.9
			145	286.1
			147	285.9
			130	287.6
			118	288.8
		+10'	76	293.0
		y	70	293.6
		+10'	64	291.2
		bl	44	296.2
			33	
		n	00	300.6
	175	E f	Georgia	
			27	297.9
		+5'	34	297.2
		bl	76	293.0
		+11'	86	292.0
		y	107	289.9
		b	127	287.9
	195	E	Georgia	
			45	296.1
	200	E f	Georgia	
			25	298.1
			30	296.7
			64	294.2
			90	291.6
		+5'	94	291.2
		+5'	109	289.7
		-15'	41	296.5
		-5'	51	295.5
			91	291.5

36060

	225	E of	Georgin	
-20			6.9	293.7
2			105	290.1
+7'			188	289.8
+10			127	287.9

TP	009	28794	1275	28785
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	175	E of	Georgin	
-25			7.5	280.4
S			72	280.7
hh			46	283.3
y			29	285.0

	200	E of	Georgin	
-25			10.7	277.2
S			8.7	279.2
hh			7.0	280.9
y			5.0	282.9
b			2.0	285.9
y			+05	288.4

28794

Robinson

17

	225	E of	Georgin	
-25			12.8	275.1
S			10.4	277.5
hh			8.8	279.1
y			6.5	281.4
b			4.8	283.1
y			2.5	285.4
hh			0.1	287.8

	250	E of	Georgin	
-25			15.1	272.8
S			12.4	275.5
hh			10.3	277.6
y			8.6	279.3
hh			7.4	280.5
y			6.0	281.9
hh			3.7	284.2
20			1.6	286.3
+20			+0.7	287.2

	275'	E 8	Geary in	
-20			3.1	284.8
2			5.1	282.8
6			6.9	281.0
	009	28155	6.4	281.46
4			1.8	279.8
6			3.8	277.8
4			5.6	276.0
6h			7.0	274.6
S			8.4	273.1
+25			11.1	270.5
-25	310'	E =	Wd of Florida St	
S	is 320' 6 corners		12.6	269.0
6h			10.5	271.0
4	as Florida is		9.1	272.4
6	measured 10'		8.0	273.5
4	each side street		6.6	275.0
6h			5.2	276.3
2			3.8	277.8
+20			2.35	279.20
			0.0	281.6

W N H
Florida + Rob

1/2 change
 4
 11
 X sec of Date st (60) 82 30 ft
 to E 2 of Park

486 24172
 W line of 30 ft 2

S	45	237.2	
th	50	236.7	23686
7	38	237.9	307 Date
6	36	238.1	
7	36	238.1	
th	37	238.0	
n	30	238.7	
	2' W of	30 ft	20
n	40.6	242.3	
th	0.4	241.3	
7	1.1	240.6	
6	1.8	239.9	
4	2.7	239.0	
	2.9	238.8	
	4.1	237.6	

3m. 50
 307 Date
 23686
 486
 241.72
 540
 236.52
 164
 237.96
 12.83
 225.13
 23
 225.36

24172
 25 W 7 30 ft
 Date
 19

44	237.3
41	237.6
34	238.3
30	238.7
22	239.5
13	240.4
0.6	241.7
0.2	241.5
40.5	242.2
50	24
0.4	241.3
0.9	240.8
1.4	240.3
2.5	239.2
2.9	238.8
3.6	238.1
4.8	236.9
5.0	236.7

24172

	75'	W 8	30 ft 11
S			60 235.7
bl			4.6 237.1
γ			4.0 237.7
b			3.3 238.4
γ			2.7 239.0
bl			1.9 239.8
n			1.2 240.3-
	100'	W 8	30 ft 11
n			2.0 239.7
ll			2.8 238.9
γ			3.4 238.3
b			4.3 237.4
γ			5.0 236.7
bl			6.0 235.7
S			6.7 235.0

24172

Date

20

	125'	W 8	30 ft 11
S			6.9 234.8
bl			6.0 235.7
γ			5.2 236.1
b			4.3 237.4
γ			3.3 238.4
bl			2.8 238.9
n			2.2 239.5
	150'	W 8	30 ft 11
n			1.9 239.8
ll			3.0 238.7
γ			3.4 238.3
b			4.3 237.4
γ			5.1 236.6
bl			5.7 236.0
S			6.4 235.3

24/22

175	W 8	300	11
S		5,4	236,3
H		4,6	237,1
4		3,8	237,9
6		3,2	238,5
7		2,4	239,3
H		1,9	239,8
2		1,2	240,7

178	W 8	30	1
n		2,0	239,7
H		2,0	239,7
4		2,5	239,2
6		3,0	238,7
4		3,6	238,1
H		4,2	237,5
5		4,6	237,1

200 W = E L Pale W (80) Graded

24/22

Date

21

200	W = E	1,1	2,6	11 (80)	Graded
S		7,5			234,2
H		7,1			234,6
4		6,5			235,2
6		6,0			235,7
4		5,6			236,1
H		5,6			236,1
2		4,8			236,9

7 P	1,64	237,96	5,40	236,22
W. line of		Date	at	
2		1,9		236,1
H		2,5		235,5
4		2,2		235,8
6		2,4		235,6
4		2,7		235,3
H		3,6		234,4
5		2,8		234,2

23796

	20'	wt	Date	W
S			38	234.2
H			17	235.3
Y			16	235.4
b			12	235.8
Y			10	236.0
H			17	236.3
n			17	236.3

	25'	wt	Date	W
n			22	235.8
H			14	235.6
Y			14	235.6
f			12	235.8
Y			12	234.8
H			16	234.4
S			10	234.0

23796Date
22

	50'	wt	Date	W
S			44	233.6
H			41	233.9
Y			37	234.3
b			33	234.7
Y			31	234.9
H			29	235.1
n			25	235.3

	75'	wt	Date	W
n			41	233.9
H			43	233.7
Y			45	233.5
b			47	233.3
Y			49	233.1
H			54	232.6
S			58	232.2

23796

	100	w g	Date	W
S			70	231,0
bl			70	231,0
y			68	231,2
b			65	231,5
y			63	231,7
bl			59	231,1
n			57	232,3

	125	w g	Date	W
n			77	230,3
bl			76	230,4
y			80	230,0
b			84	229,6
y			88	229,2
bl			91	228,9
S			95	228,7

23796

Date

23

	150	w g	Date	W
S			116	226,4
bl			110	227,0
y			110	227,0
b			105	227,5
y			101	227,9
bl			95	228,5
n			93	228,7

	175	w g	Date	W
n			110	227,0
bl			113	226,7
y			116	226,4
b			127	225,3
y			128	225,2
bl			131	224,9
S			133	224,7

TP

0,23

225,36

1283

225,3

210 W = E L of 29th st (60)

8	36	221.8
ll	35	221.9
4	33	222.1
6	27	222.7
4	23	223.1
l	25	223.9
n	10	224.4

E ll of 29th st

n	17	223.7
ll	17	223.7
4	25	222.9
6	32	222.2
4	36	221.8
ll	40	221.4
5	42	221.2

E 1/4 of 29th st

5	47	220.7
ll	46	220.8
4	42	221.2
6	32	221.9
4	27	222.7
ll	25	222.9
n	22	223.2

center of 29th st

n	34	222.0
ll	33	222.1
4	39	221.5
6	42	221.2
4	46	220.8
ll	50	220.4
5	54	220.0

225.36

W 1/4 of 29th st

S 60 219.4

th 57 219.7

7 53 220.1

6 48 220.6

4 45 220.9

th 41 221.3

n 37 221.7

W th of 29th st

n 46 220.8

th 46 220.8

7 53 220.1

6 54 220.0

4 58 219.6

th 61 219.3

S 64 219.0

225.36

W line of 29th st

S 62 219.2

th 63 219.1

7 61 219.3

6 58 219.6

4 54 220.0

th 48 220.6

n 44 221.0

35th W of 29th st

n 50 220.4

th 49 220.5

7 51 220.3

6 57 219.7

4 63 219.1

th 72 218.2

S 84 217.0

Date at

25

	60'	W of	297	W of
S			80	217.4
ll			67	218.7
7			60	219.4
6			56	219.8
7			54	220.0
ll			54	220.0
n			58	219.6
	85'	N of	297	W of
n			78	217.6
ll			69	218.5
7			65	218.9
6			62	219.2
7			65	218.9
ll			72	218.2
S			84	217.0

	110'	W of	297	W of
S			93	216.1
ll			80	217.4
7			75	217.9
6			80	217.4
7			89	216.5
ll			99	215.5
n			107	214.5
			TP	
	010	21634	912	216.4
	725	W of	297	
n			74	208.9
ll			55	210.8
7			40	212.3
6			26	213.8
7			14	214.9
ll			06	215.7
S			06	215.7

21634

	160	w f	29th st	
S			37	212.6
bl			47	211.6
y			52	210.7
b			70	209.3
y			92	206.1
bl			120	204.3
n			184	197.9

	185	w f	29th st	
n			115	204.8
bl			175	198.8
y				
b				
y			106	205.7
bl			97	206.6
S			72	209.1

TP	178	20597	1215	20419

	185	w f	29	203.1
nbl + 3'			11.2	194.8
n 1/4			9.7	196.3
b			3.2	202.8

20597

Date

27

	210	w f	29th st	
S			23	203.7
bl			47	201.3
y			74	198.6
b			108	195.2
y			11.0	195.0
y			8.8	197.2
bl			35	202.5
n			40.5	206.5

	220	w =	EL	Gravida st (60)
n			40.5	206.5
bl			23	203.7
y			6.9	199.1
b			11.7	194.3
y			11.8	194.2
y			9.8	196.2
bl			7.5	198.5
S			5.6	200.4

E lb of Grenada

S		9.2	196.8
Sh		10.0	196.0
4		11.6	194.4
6	75	13.4	192.6
7		11.3	194.7
4		5.6	200.4
Sh		2.3	203.7
N		0.0	206.0

E 1/4 lb Grenada

7		0.8	205.2
Sh		3.1	202.9
4		5.6	200.4
6	78	10.8	193.2
7		13.6	192.4
4		13.8	192.2
Sh		12.4	193.6
S		11.4	194.6

Center of Grenada

S		10.2	195.8
Sh		12.0	194.0
4		14.2	191.8
6	77	14.3	191.7
7		12.2	193.8
4		8.6	197.4
Sh		4.3	201.7
N		2.4	203.6

W 1/4 lb Grenada

N		4.0	202.0
Sh		8.4	197.6
4		12.2	193.8
6	78	14.8	191.2
7		14.3	191.7
4		11.6	194.4
Sh		9.8	196.2
S		7.4	198.6

20597

W bl of Granada

S	54	200.6
bl	9.5	196.5
Y	11.4	194.6
b	14.8	191.2
+	15.6	190.4
+	15.4	190.6
bl	10.7	195.3
+	9.8	196.2
n	6.8	199.2

W line of Granada

n	10.0	196.0
bl	13.5	192.5
+	17.8	188.2
Y	16.1	189.9
b	12.8	193.2
Y	9.8	196.2
bl	7.4	198.6
S	3.5	202.5

25' W of line

n	19.2	186.8
---	------	------------------

20597

Date

29

35' W of Granada

n	18.1	187.9
bl	14.6	191.4
Y	11.0	195.0
b	7.5	198.5
Y	3.8	202.2
bl	0.5	205.5

60' W of Granada

n	13.5	192.5
bl	11.0	195.0
Y	6.9	199.1
TP	71.6	208.79
	43.4	201.53

35' W of Granada

SL	5.9	202.9
----	-----	-------

60' W of Granada

S.R	1.4	207.4
bl	2.0	206.8
Y	3.4	205.1
b	6.6	202.2

20879

85' w of Granada

S	24	2064
bb	30	2058
y	38	2050
b	52	203.8
7	76	201.2
bb	102	198.6
n	129	195.9

110' n of Granada

n	136	195.2
bb	120	196.8
y	119	196.9
b	84	200.4
y	74	201.4
bb	66	202.2
S	56	203.2

TP 041 19865 1055 19824

19865

135' n of Granada

S	43	194.4
bb	49	193.8
y	61	192.6
b	70	191.7
y	80	190.7
bb	92	189.5
n	103	188.4

145' n of Granada

n 103 188.4

1245 21069 041 19824 TP

760 n of Granada

n	137	198.5
bb	116	199.1
y	104	200.3
b	95	201.2
y	87	202.0
bb	80	202.7
S	73	203.4

TP 1141 21930 280 20289

Date

30

219.30

185' W of Grande

S	11.1	208.2
hh	11.4	207.9
4	11.9	207.4
6	12.3	207.0
4	12.7	206.6
hh	13.3	206.0
n	13.8	205.5

210 W of Ell 28.7 (83')

n	8.3	211.0
hh	8.0	211.3
4	7.7	211.6
6	7.6	211.7
4	7.4	211.9
hh	7.2	212.1
S	7.0	212.3

219.30

E bluff 28.7

S	5.4	213.9
hh	5.6	213.7
4	5.7	213.6
6	5.8	213.5
4	5.8	213.5
hh	5.9	213.4
n	6.0	213.3

E bluff 28.5

n	5.0	214.3
hh	4.9	214.4
4	5.0	214.3
6	5.0	214.3
4	4.8	214.5
hh	4.7	214.6
S	4.7	214.6

Date 21

31

219.30

Center of 28th St

S	4.1	215.2
H	4.0	215.3
Y	4.0	215.3
L	4.1	215.2
7	4.2	215.1
H	4.4	214.9
N	4.5	214.8

W 1/4 of 28th St

N	3.8	215.5
H	3.6	215.7
Y	3.6	215.7
L	3.6	215.7
Y	3.5	215.8
H	3.4	215.9
S	3.5	215.8

TP 5-98 219.8 330 216.0

219.8

Date

32

N 66 28th St

S	5.5	216.5
H	5.4	216.6
Y	5.5	216.5
L	5.6	216.4
Y	5.6	216.4
H	5.6	216.4
N	5.7	216.3

W 1/4 of 28th St = Ed Park

N	5	4.8	217.2
H		4.9	217.1
Y		5.0	217.0
L		4.9	217.1
Y		5.0	217.0
H		4.8	217.2
S		4.9	217.1

(7th Slopes see Page 38)

12/13/11
13/11
11/11

X dec of 1st st (334 to 317)
Lewis to Stockton st

465 22.42 28797
Play SE
2.4 Lewis

N line of Lewis

E line 4.1 2883
10' W 3.9 288.7
20' W 3.8 288.8
334 = PL 3.7 288.9

25' N of Lewis st

E 4.0 288.6
10' W 4.0 288.6
20' W 3.7 288.9
PL 4.0 288.6

50' N of Lewis

E 3.4 289.2
10' W 3.6 289.0
20' W 3.6 289.0
PL 3.8 288.8

PT 570 29417 405 28817

29417

109 21

33

75' N of Lewis

E 4.0 290.2
10' W 4.7 289.5
20' W 4.7 289.5
PL 5.3 288.9

100' N of Lewis

E 4.3 289.9
10' W 4.6 289.6
20' W 4.6 289.6
PL 5.1 289.1

125' N of Lewis

E 4.6 288.6
10' W 4.8 289.4
20' W 4.5 289.7
PL 5.1 289.1

150' N of Lewis

E 4.0 290.2
10' W 4.4 289.8
20' W 4.5 289.7
PL 4.8 289.6

	175	n f	Lewis	
E			44	289.5
10' w			45	289.7
20' w			46	289.6
P2			46	289.6

	200	n f	Lewis	
E			37	290.5
10' w			35	290.7
20' w			41	290.1
P2			47	289.5

	225	n f	Lewis	
E			49	289.3
10' w			43	289.9
20' w			45	289.7
P2			54	288.8

	250	n f	Lewis	
E			62	288.0
10' w			62	288.0
20' w			52	289.0
P2			41	290.1

	275	n f	Lewis	
E			65	287.7
10' w			64	287.8
20' w			60	288.2
P2			58	288.4

	300	n f	S 2 Broadway (50')	
E			63	287.9
10' w			64	287.8
20' w			60	288.2
P2			59	288.3

	325	n f	5th Broadway	
E			63	287.9
10' w			64	287.8
20' w			64	287.8
P2			62	288.0

	350	n f	Broadway	
E			61	288.1
10' w			65	287.7
20' w			64	287.8
P2			66	287.6

29417

Center of Broadway

E	60	288.2
10' W	65	287.7
20' W	64	282.8
PA	65	287.7

2 1/4 of Broadway

E	60	288.2
10' W	63	287.9
20' W	64	282.8
PA	65	287.7

2 1/2 of Broadway

E	58	288.4
10' W	64	287.4
20' W	64	287.4
PA	64	287.4

N End of Broadway

E	59	288.3
10' W	64	287.4
20' W	65	287.3
PA	65	287.3

29417

10' W

35

25' N of Broadway

E	62	288.0
10' W	65	287.7
20' W	63	287.7
PA	64	282.8

70' 29487 10' N of Broadway

E	70	287.87
10' W	67	288.2
20' W	67	288.2
PA	63	288.6
PA	67	288.2

25' N of Broadway

E	56	289.3
10' W	58	289.1
20' W	64	288.5
PA	71	287.8

29487

100 n 7 Broadway
 E 55 2894
 10 W 54 289.6
 20 W 61 288.8
 PL 67 288.2

125 n 7 Broadway
 E 56 289.3
 10 W 60 288.9
 20 W 63 288.6
 PL 63 288.6

150 n 7 Broadway
 E 53 289.6
 10 59 289.0
 20 58 289.1
 PL 58 289.1

175 n 7 Broadway
 E 47 290.2
 10 52 289.7
 20 55 289.4
 PL 56 289.3

29487

125 n

36

200 n 7 Broadway
 E 39 291.0
 10 W 43 290.6
 20 W 47 290.2
 PL 50 289.9

225 n 7 Broadway
 E 36 291.3
 10 W 34 291.5
 20 W 32 291.7
 PL 33 291.6

250 n 7 Broadway
 E 24 292.7
 10 W 26 292.3
 20 W 31 291.8
 PL 35 291.4

275 n 7 Broadway
 E 17 293.2
 10 W 16 293.3
 20 W 20 292.9
 PL 21 292.8

29487

297' n = S 2 y Studien 21

E 1,8 2931

10 W 1,1 2938

21 W 1,0 2939

P 31,7' W 0,5 2944

27

12/14/11
 Slates on Date St Granada
 to 24th St

	018	21642	21624
	194	20576	1860 20382
W Side of Granada (60)			
20' n of rd		3.4	202.4
TP	380	197.66	11.90 193.86
35'	n of	Granada	
20' n of rd		5.0	192.7
60'	n of	Granada	
22' n of rd		11.7	186.0
30' n of rd		11.6	186.1
40' n of rd		9.0	188.7
85'	n of	Granada	
30' n of rd		11.0	186.7
45' n of rd		13.5	184.2
110'	n of	Granada	
15' n of rd		5.0	192.7
35' n		11.0	186.7
50'		14.0	183.7

Buller's is *unifera*

12) Along X sec of Fin St⁽⁶¹⁾ from St to E 2 Park
 14)
 11)
 7/15

27279
 Zone
 39

	471	27279	26808	SE 3047W	175	E of	30
				n			67 266.1
(21825 ⁽⁶³⁾)	W line of Fern = 2484 E of 30 St 25			th			70 265.8
n			106 262.2	4			75 266.3
th			111 261.7	4			80 264.8
4			116 261.2	4			83 264.5
6			120 260.8	th			86 264.2
7			121 260.7	S			89 263.9
th			123 260.5		150	E of	30
S			129 259.9	S			67 266.1
	200	E of	30 St 25	th			67 266.6
S			113 261.5	4			60 266.8
th			110 261.8	6			58 267.0
4			107 262.1	4			55 267.3
6			103 262.5	th			50 267.8
4			99 262.9	n			45 268.3
th			95 263.4				
n			91 263.7				

27279

125 E 7 30 d

n	37	2691
bk	42	2686
y	44	2684
b	48	2680
y	48	2680
th	51	2677
s	54	2674

100 E 8 30 d

s	49	2679
th	46	2682
y	45	2683
b	43	2685
y	42	2686
th	40	2688
n	37	2691

27279

75 E 8 30 d

n	34	2694
th	36	2692
y	38	2690
b	40	2688
y	43	2685
th	44	2684
s	45	2683

50 E 8 30 d

s	46	2682
th	45	2683
y	40	2688
b	38	2690
y	37	2691
th	36	2692
n	30	2698

Zwist

40

27279

25ⁱ E of 30 d St

n	32	2696
th	35	269.3
y	38	269.0
t	40	268.8
y	39	268.9
th	40	268.8
S	43	268.5

E line of 30 d St (60) (Graded)

S	46	268.2
th	49	267.9
y	46	268.2
t	43	268.5
y	44	268.4
th	41	268.7
n	35	269.3

206

27014

471 26804 Bm

27014

Ziv St

41

W line of 30 d St

S	32	2669
th	31	2670
y	28	2673
t	26	2675
y	25	2676
th	27	2674
n	20	2681

25ⁱ W of 30 d St

n	40	2681
th	25	2676
y	26	2675
t	27	2674
y	29	2672
th	34	2667
S	38	2663

270.14

50' W of 300 ft

S	44	265.7
tl	40	266.1
y	36	266.5
b	33	266.8
y	30	267.1
tl	24	267.7
n	21	268.0

75' W of 300 ft

n	28	267.3
tl	31	267.0
y	32	266.9
b	35	266.6
y	38	266.3
tl	43	265.8
S	48	265.3

270.14

100' W of 300 ft

S	54	264.7
tl	50	265.1
y	48	265.3
b	45	265.6
y	41	266.0
tl	38	266.3
n	34	266.7

125' W of 300 ft

n	52	264.9
tl	53	264.8
y	56	264.5
b	58	264.3
y	60	264.1
tl	62	263.9
S	65	263.6

710

42

27614

150	W of	30	T
S		82	261.9
ll		81	262.0
4		80	262.1
6		79	262.2
7		80	262.1
ll		82	261.9
n		82	261.9

175	W of	30	T
n		120	258.1
ll		120	258.1
4		120	258.1
6		118	258.3
4		112	258.9
ll		108	259.3
S		107	259.4

0.13

25720

1307 25707

25720

2W W

43

197	W	of	30
S		19	255.3
ll		21	255.1
4		21	255.1
6		23	254.9
7		24	254.8
ll		24	254.8
n		24	254.8

200 W = E of Dale st (80) (Grade)

n		40	253.2
ll		45	252.9
4		44	252.8
6		45	252.7
4		49	252.3
ll		54	251.8
S		51	252.1

25720

W	Dir of	Date	st
S		70	250.2
H		77	249.5
Y		73	249.9
L		69	250.3
Y		70	250.2
H		72	250.0
N		67	250.5

13'	W of	Date	st
		127	244.5
TR	139	<u>245.59</u>	1300 244.20
H		40	241.6
Y		40	241.6
L		36	242.0
H		34	242.2
H		30	242.6
S		27	242.9

80' Post down N is Approx Side

24559

7111

44

25'	W of	Date	st
S		47	240.9
H		52	240.4
Y		56	240.0
L		67	238.9
Y		69	238.7
H	78	98	235.8
H		80	237.6
N		20	243.6

50'	W of	Date	st
		25	243.1
H		52	240.0
Y		10.6	235.0
L		180	229.6
H	74	170	228.6
Y		157	229.9
H		118	233.8
S		103	235.3
20'S		100	235.6

24559

75'	W of	Date	H
		127	232.9
		167	226.9
		210	224.6
		210	224.6
		158	229.8
		98	235.8
		60	239.6
		38	241.8
		22	243.4

86'	W	Date	H
		205	223.1

100'	W of	Date	H
		22	243.4
		36	242.0
		54	240.2
		73	238.3
		100	235.6
		152	230.4
		197	225.9
			218.8
			228.0

30' S of SL

S

H

7

6

4

H

n

SL

n

H

7

6

4

H

S

15' S of SL

40' S of SL

24561

45

TP	256 125'	24676 W of	139 Date	20000 H	TP W of
			25.0	221.6	
			28.2	218.8	
			13.6	233.2	
			11.1	235.7	
			8.3	238.5	
			7.6	238.2	
			6.0	240.8	
			4.6	242.2	
			3.6	243.2	

150'	W of	Date	H
		45	242.3

150'	W of	Date	H
		55	241.3
		68	240.0
		80	238.8
		92	237.6
		107	236.1
		124	234.4
		170	229.8

25' S of SL

24676

	175°	SW of	Dob	H
15 th system			15.0	231.8
S			12.2	234.6
H			11.0	235.8
Y			10.0	236.8
L			9.1	237.7
Y			8.2	238.6
H			7.3	239.5
n			6.4	240.4

240° SW of Dob #E L 29th (60)

n			7.6	239.2
H			8.5	238.3
Y			9.4	237.4
L			10.4	236.4
Y			11.5	235.3
H			12.4	234.4
S			13.0	233.8

24676

7th

46

	E	SW of	29th	H
S			13.5	233.3
H			12.7	234.1
Y			11.9	234.7
L			10.9	235.7
Y			10.0	236.8
H			9.0	237.8
n			7.9	238.7

E 14th 29th H

n			8.2	238.6
H			9.1	237.7
Y			10.0	236.8
L			11.0	235.8
Y			12.2	234.6
H			13.0	233.8
S			14.1	232.7

24676

center of yr 21 or

S	144	232.4
H	131	233.7
Y	123	234.5
b	117	235.6
Y	100	236.8
H	90	237.8
n	85	238.3
W	114	of yr 21
n	89	237.9
H	96	237.2
Y	103	236.5
b	113	235.5
Y	122	234.6
b	137	233.1
S	147	232.1

24676

7000

47

W H b yr 21

S	149	231.9
H	135	233.3
Y	125	234.3
b	116	235.2
Y	105	236.3
H	97	237.1
n	89	237.9
W A b	119	
n	90	237.8
H	99	236.9
Y	109	235.9
b	117	235.1
Y	125	234.3
H	133	233.5
S	147	232.1

24676

25' W of 29th st

S 149 231.9

H 141 232.7

Y 132 233.6

L 122 234.6

Y 112 235.6

H 105 236.3

R 101 236.7

TP 268 23803 1141 235.35

50' W of 29th st

R 27 235.3

H 30 235.0

Y 34 234.6

L 41 233.9

Y 50 233.0

H 57 232.3

S 64 231.6

23803

7600

48

75' W of 29th st

S 67 231.3

H 58 232.2

Y 52 232.8

L 48 233.2

Y 43 233.7

H 42 233.8

M 40 234.0

100' W of 29th st

R 45 233.6

H 47 233.3

Y 47 233.3

L 49 233.1

Y 57 232.9

H 54 232.6

S 59 232.1

23803

	125'	W of	292'	
S			5.7	232.8
H			4.9	233.1
Y			4.7	233.9
L			4.7	233.3
Y			4.6	233.4
H			4.6	233.4
R			4.7	233.3

	150'	W of	292'	
R			4.8	233.2
H			4.7	233.3
Y			4.6	233.4
L			4.5	233.5
Y			4.4	233.6
H			4.7	233.3
S			5.0	233.0

23803

7 in 21

49

	175'	W of	292'	
S			5.0	233.0
H			4.7	233.3
Y			4.6	233.4
L			4.6	233.4
Y			4.6	233.4
H			4.6	233.2
R			5.0	233.0

	200'	W of	292'	
R			5.2	232.8
H			5.0	233.0
Y			4.7	233.3
L			4.6	233.4
Y			4.6	233.4
H			4.8	233.2
S			5.0	233.0

23803

220 W = E line of Granada (60)

S	5.2	232.8
hh	5.0	233.0
y	4.8	233.2
b	4.9	233.1
y	5.0	233.0
hh	5.2	232.8
n	5.3	232.7

E side of Granada

n	5.5	232.5
hh	5.3	232.7
y	5.0	233.0
b	5.0	233.0
y	5.0	233.0
hh	5.1	232.9
S	5.0	232.7

23803

7 in 21

50

E 1/4 of Granada

S	5.5	232.5
hh	5.2	232.8
y	5.2	232.8
b	5.0	233.0
y	5.1	232.9
hh	5.3	232.7
n	5.5	232.5

center of Granada

n	5.6	232.4
hh	5.3	232.7
y	5.2	232.8
b	5.2	232.8
y	5.3	232.7
hh	5.4	232.6
S	5.6	232.4

W 1/4 of Granada

S	59	232.1
H	56	232.4
Y	55	232.5
L	54	232.6
7	54	232.6
H	53	232.5
N	58	232.2

W 1/4 of Granada

N	59	232.1
H	57	232.3
Y	56	232.4
L	57	232.3
Y	58	232.2
H	60	232.0
S	63	231.7

W line of Granada

S	66	231.4
H	63	231.7
Y	60	232.0
L	59	232.1
Y	58	232.2
H	59	232.1
N	61	231.9

25' W of Granada

N	77	230.8
H	70	231.0
Y	69	231.1
L	69	231.1
Y	71	230.9
H	75	230.5
S	79	230.1

23803

50 w + Granada

S	10.1	227.9
H	9.8	228.2
Y	9.4	228.6
b	8.7	229.3
Y	9.0	229.0
H	9.0	229.0
n	9.3	228.9

75 w f Granada

n	11.8	226.2
H	11.4	226.6
Y	11.6	226.4
b	11.8	226.2
Y	12.1	226.9
H	12.5	226.5
S	12.9	226.1

TP

109

2260

1302

22501

22610

100 w f Granada

S	32	222.9
H	30	223.1
Y	2.8	223.3
b	2.4	223.7
Y	2.2	223.9
H	2.0	224.1
n	1.8	224.3

125 w f Granada

n	6.1	220.0
H	5.7	220.4
Y	5.7	220.4
b	6.2	219.9
Y	6.7	219.4
H	7.6	218.5
S	8.5	217.6

TP

116

21442

1284

21326

7211

52

214.472

150 w of Granada

S	45	209.9
ll	28	211.6
7	17	212.7
6	10	213.4
7	05	213.9
ll	06	213.8
h	21	212.3

TP 175 w of Granada

n	131	2013
ll	119	202.5
7	113	2031
6	118	2026
7	131	201.3
ll	141	201.3
S	143	200.1

TP 198 20375 1765 20177

No Slopes Required

20375

200 w of Granada

S	140	191.8
ll	120	191.8
7	114	192.4
6	105	193.3
7	100	193.8
ll	102	193.6
2	86	195.2

210 w of Granada = E 2 25.1.186

n	57	198.1
ll	54	198.4
7	65	197.3
6	71	196.7
7	74	196.4
ll	80	195.8
S	92	194.6

7 in 11

53

20375

	E	bb of	287.2	st
S			2.4	201.4
hh			1.3	202.5
TP	1230	215.78	0.27	203.48
y			1.31	202.7
b			1.33	202.5
y			11.9	203.8
hh			11.6	204.2
h			11.5	204.3
	E	1/10 of	287.2	st
n			7.0	208.8
hh			6.6	209.2
y			6.4	209.4
b			6.3	209.5
y			5.9	209.9
hh			6.4	209.4
S			7.1	208.7
TP	1085	225.42	1.21	214.57

22542

7 in st

54

	center of	387.2	st
S		11.8	213.6
hh		12.0	213.4
y		12.4	213.0
b		12.8	212.6
y		12.6	212.8
hh		13.1	212.3
h		13.7	211.7
	W	14.9	287.2
h		9.6	215.8
hh		9.0	216.4
y		9.2	216.2
b		8.9	216.5
y		9.0	216.4
hh		7.7	217.7
S		7.8	217.6

22542

W lev of 28 ft

S	52	220.2
th	55	219.9
4	57	219.7
6	60	219.4
7	60	219.4
th	60	219.4
n	66	218.8

W lev of 28 = E L-1 Park

n	48	220.6
th	48	220.6
7	47	220.7
6	45	220.9
7	43	221.1
th	42	221.2
S	41	221.3

RETURN TO CITY ENGINEER'S OFFICE
CITY HALL, SAN DIEGO, CAL.

55

6 12
5 11
E

X Sec of Elm 27 (60)
W side of Fern to E of Granada

	513	26236	257.23	S	
	2284	E of 30 th St =	W side of Fern	bl	
S			119	259.5	Y
bl			120	250.4	b
Y			122	250.2	Y
b			122	250.2	bl
Y			126	249.8	bl
bl			126	249.8	
Y			124	250.0	Y
	200	E of 30		bl	
Y			94	253.0	Y
bl			91	253.3	b
Y			90	253.4	Y
b			91	253.3	bl
Y			91	253.3	S
bl			89	253.5	
			90	253.4	

26236

Elm 27

56

175	E of	30 th St	Y
		64	256.0
		63	256.1
		61	256.3
		60	256.4
		60	256.4
		60	256.4
		60	256.4
150	E of	30 th St	
		37	259.1
		40	258.4
		44	258.0
		44	258.0
		46	257.8
		46	257.8
		51	257.8

	125'	E 8	30 th	st
S			46	257.8
ll			44	258.0
4			39	258.5
6			37	258.7
4			35	258.9
ll			34 ^{1/2}	259.2
n			25	259.9
	100'	E 8	30 th	st
n			25	259.9
ll			30	259.4
4			34	259.0
6			36	258.8
4			40	258.4
ll			44	258.0
S			47	257.7

	75'	E 8	30 th	st
S			46	257.8
ll			43	258.1
4			38	258.6
6			33	259.1
4			32	259.2
ll			27	259.7
n			22	260.2
	50'	E 8	30 th	st
n			22	260.1
ll			28	259.6
4			30	259.4
6			34	259.0
4			38	258.6
ll			43	258.1
S			48	257.9

26236

25

E of

300

S

47 257.7

lh

43 258.1

y

37 258.7

b

37 258.7

y

33 259.1

lh

30² 259.4

n

26 259.8

2 E of

300

n

30 259.4

lh

32 259.2

y

34 259.0

b

45 257.9

y

43 258.1

lh

45 257.9

S

49 257.5

26236

Elev 4

58

E line of 30th by (80) (Graded)

S

62 256.2

lh

69 255.5

y

62 256.2

b

57 256.7

y

58 256.6

lh

62 256.2

n

52 252.2

W line of

30th

21

040 257.63

257.23

Bm 117 88
20 ft elev

S

26 255.0

lh

34 254.2

y

28 254.8

b

26 253.0

y

26 253.0

lh

28 254.8

n

18 255.8

25763

4 W of 30th st

n	04	257.2
hh	1, 2	256.4
4	1, 0	256.6
6	1, 6	256.0
4	1, 5	256.1
hh	2, 0	255.6
S	2, 1	255.5

25' W of 30th st

S	3, 0	254.6
hh	2, 7	254.9
4	2, 4	253.2
6	2, 0	253.6
4	1, 9	253.7
hh	1, 3	256.3
n	1, 2	256.4

25763Elm

59

50 W of 30th st

n	1, 5	256.1
hh	2, 2	253.4
4	2, 7	254.9
6	3, 4	254.2
4	3, 6	254.0
hh	4, 0	253.6
S	4, 3	253.3

75' W of 30th st

S	5, 0	252.6
hh	5, 0	252.6
4	4, 7	252.9
6	4, 4	253.2
4	3, 4	254.2
hh	3, 4	254.2
n	3, 1	254.5

257.63

	100	no of	30 d	
n			43	253.3
hh			47	252.9
y			50	252.6
b			54	252.2
y			56	252.0
hh			60	251.6
S			63	251.3

	125	no	of 30 d	
S			77	249.9
hh			73	250.3
y			69	250.7
b			66	251.0
y			64	251.2
hh			56	252.0
n			54	252.2

257.63

Elem #

60

	150	no of	30 d	
n			47	250.9
hh			73	250.3
y			77	249.9
b			80	249.6
y			84	249.2
hh			88	248.8
S			91	248.5

	175	no of	30 d	
S			105	249.1
hh			103	249.3
y			101	249.5
b			98	249.8
y			95	248.1
hh			92	248.4
n			86	249.0

25763

200 W = E line of Dale St (80) Graded

2	103	247.3
bl	104	247.2
4	104	247.2
6	107	246.9
7	112	246.3
ll	117	245.9
S	115	246.1

TP

024 245.37 1250 245.13

W line of Dale St

bl	02	245.2
ll	1.0	244.4
4	1.0	244.4
6	1.3	244.1
4	1.4	244.0
ll	1.9	243.5
S	1.4	244.0

24537

25 W of Dale St

S	32	242.2
ll	36	241.8
4	37	241.7
73'	24	243.0
6	26	242.8
4	24	243.0
ll	26	242.8
n	25	242.9

50

W of Dale St

n	38	241.6
ll	40	241.4
4	34	242.0
6	44	241.0
4	50	240.4
ll	52	240.2
S	52	240.2

Elm St

61

24537

	75'	w	f	Dalt
S				60 239.4
bl				60 239.4
y				58 239.6
b				56 239.5
y				57 239.7
bl				55 239.9
n				55 239.9

	100'	w	f	Dalt
n				60 239.4
bl				67 238.7
y				68 238.6
b				69 238.5
y				70 238.4
bl				70 238.4
S				71 238.3

24537

Elm

62

	125'	w	f	Dalt
S				83 237.1
bl				80 237.4
y				80 237.4
b				78 237.6
y				79 237.5
bl				79 237.5
n				78 237.6

	150'	w	f	Dalt
n				87 236.7
bl				86 236.8
y				87 236.7
b				90 236.4
y				92 236.2
bl				94 236.0
S				93 236.1

	175	W 7	Date	W
S			10.6	234.8
ll			10.3	235.1
4			10.0	235.4
h			9.8	235.6
4			9.7	235.7
H			9.7	235.7
H			10.1	235.3
T P	0.51	235.67	10.21	235.14
	2.10		W = E of 29 th	
n			5.5	230.2
ll			3.2	232.5
4			2.5	233.2
h			2.0	233.7
4			2.1	233.6
H			2.3	233.4
S			2.5	233.2
10' n of rd			8.6	227.1
20' n of rd			5.0	230.7

	E 66-6	2904	W
S		30	232.7
ll		28	232.9
4		26	233.1
h		28	232.9
4		36	232.1
ll		48	230.9
H		74	228.3
10' n of rd		9.5	226.2
20' n of rd		5.0	230.7
	E 1/4 A	29.2	
20' n of rd		5.5	230.2
50' n of rd		11.1	224.6
n		9.9	225.8
ll		6.4	229.3
4		4.5	231.2
h		3.7	232.0
4		3.2	232.5
ll		3.2	232.5
S		3.6	232.1

Center of 29th

S	41	231.6
ll	38	231.9
y	37	232.0
h	44	231.3
y	56	230.1
ll	80	227.7
n	120	223.7
4' n of r	124	223.7
20' " " "	62	229.5
20' n of r	70	228.7
n	133	222.4
ll	95	225.2
y	65	229.2
h	48	230.9
y	42	231.6
ll	42	231.6
S	44	231.3

W side of 29th

S	48	230.9
ll	48	230.9
y	48	230.9
h	53	230.4
y	65	229.2
ll	98	225.9
n	142	221.5
25' n of r	81	229.6
25' n of r	105	225.2
56' n of r	160	219.7
n	139	221.8
ll	97	226.0
y	65	229.2
h	55	230.2
y	53	230.4
ll	53	230.4
S	53	230.4

	25'	W F	2915	
S			67	229.0
th			65	229.2
y			66	229.1
b			65	229.2
y			71	228.6
th			87	229.0
n			122	223.5
20' n of rd			207	218.5
40' n of rd			128	222.9
	50'	W F	2915	
40' n of rd			191	216.7
25' n of rd			240	213.7
n			125	223.2
th			97	225.0
y			85	227.2
b			78	227.9
y			75	228.2
th			74	228.3
S			73	228.4

All Slopes That are necessary

	75'	W F	2912	
S			76	228.1
th			78	227.9
y			83	227.4
b			86	227.1
y			94	225.3
th			110	224.7
n			130	222.7
	100'	W F	2912	
n			96	226.1
th			90	226.7
y			85	227.2
b			84	227.3
y			81	227.6
th			79	227.8
S			73	228.4

23567

	125	wf	29th	st
S			73	228.4
h			74	228.3
y			79	222.8
b			83	227.7
y			88	226.9
h			93	226.4
h			100	225.7

	150	wf	29th	st
n			115	224.2
h			108	224.9
y			101	225.6
b			94	226.3
y			92	226.5
h			89	226.8
S			86	227.1

23567

Elm st

66

	175	wf	29th	st
S			103	225.4
h			108	224.9
y			113	224.4
b			120	223.7
y			130	222.7
h			143	221.4
h			152	220.5

	TP	325	22657	1235	2232
		200	wf	29th	
n				93	217.3
h				82	218.4
y				70	219.6
h				57	220.9
y				46	222.0
h				38	222.8
S				30	223.6

22657

220 W-E of Granada St (60')

5	45	222.1	
6	54	221.2	
7	62	220.4	
8	77	218.9	
9	93	217.3	
10	110	215.6	
11	127	213.9	on both beams
	141	211.6	

67

12/11
16/11
Blount
Dunn
Tid

X sec of Ibis St (80)
Washington St South

	0.79	<u>26383</u>	26304-
	S line of Washington		
E		4.2	259.6
th		4.3	259.5
7		4.7	259.1
6		4.5	259.3
7		5.0	258.8
th		4.8	259.0
W		4.6	259.2
	10	S of Wash	
w		5.4	258.4
th		5.4	258.4
7		5.4	258.4
6		5.0	258.8
7		3.8	260.0
th		4.2	259.6
E		4.7	259.1
	17	S of Wash	
w		10.8	2530

26383

Ibis St

68

25' S of Washington

E		9.1	254.4
th		9.6	254.2
7		9.3	254.5
6		10.7	253.1
7		12.5	251.3
th		12.4	251.4
w		13.1	250.7
TP	1.67	<u>25282</u>	<u>12.68</u> 251.11
	5.0	S of Washington	
w		11.5	241.3
th		10.6	242.2
7		7.4	242.2
6		10.0	242.8
7		9.1	243.7
th		8.0	244.8
E		8.0	244.8
TP	0.15	<u>240.57</u>	<u>12.40</u> 240.72

24057

75° S of Washington

E	4.1	236.5
h	4.8	235.8
y	5.5	235.1
b	6.1	234.5
9	6.7	233.9
u	7.5	233.1
w	8.4	232.2

100° S of Washington

w	13.8	223.8
h	16.8	223.8
y	15.6	225.0
b	13.3	227.3
y	12.8	227.8
h	12.2	228.4
E	11.2	229.4

384 235.46 895 231.62

23546

69

110° S of Washington

E	9.0
h	10.7
y	11.8
b	12.7
y	13.8
h	13.8
w	15.4

125° S of Washington

w	10.5
h	9.9
y	9.1
b	8.4
y	8.3
h	7.9
E	8.5

7 P 126 24224 088 234.58

24724

150 S of Washington

E	13.1
th	11.9
y	10.2
b	10.2
y	11.7
th	12.5
w	14.4

175 S of Washington

w	3.3
th	2.2
y	1.0
b	0.5
y	0.4
th	2.3
E	3.6

TP 1244 259.34 0.34 246.90

25934

200 S of Washington

E	7.3
th	6.1
y	4.7
b	3.5
y	3.5
th	4.7
w	6.3

TP 1117 268.59 19.2 257.42

225 S of Washington

E	10.4
th	10.1
y	10.0
b	10.5
y	10.8
th	11.2
w	11.6

Sheet

70

26859

250 S of Washington

E	100
ll	96
γ	90
h	89
γ	87
ll	85
W	84

275 S of Washington

W	68
ll	71
γ	77
h	82
γ	82
ll	84
E	85

26859

Ohio St

71

300 S = N of Douglass st (50)

E	73
ll	74
γ	73
h	68
γ	68
ll	68
W	61

N. h. of Douglass

W	59
ll	64
γ	63
h	64
γ	69
ll	69
E	65

26859

N 1/4 of Douglass

E	61
W	65
N	61
S	62
E	63
W	62
N	59

Center of Douglass

W	55
W	60
N	62
S	57
E	57
W	62
E	60

26859

July 11

3

S 1/4 of Douglass

E	57
W	59
N	55
S	54
E	59
W	58
N	54

S W of Douglass

W	52
W	54
N	56
S	55
E	56
W	55
E	55

26859

S line of Douglass

E	47
th	50
y	50
h	52
q	52
th	52
W	51

25' S of Douglass

W	42
th	40
y	41
h	40
q	33
th	30
E	31

26859

July

73

50 S of Douglass

E	24
th	27
y	29
h	32
q	34
th	37
W	41

75' S of Douglass

W	32
th	28
y	27
h	23
q	19
th	13
E	08

TP

628

27281

201

26658

272.86

100' S of Douglass

E	45
hh	49
y	53
b	55
y	64
hh	67
W	73

125' S of Douglass

W	64
hh	61
y	52
b	49
y	41
hh	39
E	34

272.86

150' S of Douglass

E	32
hh	32
y	34
b	40
y	46
hh	51
W	58

175' S of Douglass

W	48
hh	40
y	38
b	33
y	30
hh	27
E	23

Illinois

74

272.86

75

$$(2008)(203) S = P L$$

E 20

H 21

Y 23

b 26

4 28

bb 33

W 36

12
30
71

Blough X Sec of Lewis St (50)
Point
27y Ed Eagle to Wd of Dow

270.68

Lewis St

76

			25	E 1	Eagle
	233	265.28	263.05	SE Wash Eagle	25 68 ²
	743	270.68	263.25	th	27 68 ⁰
		E line of Eagle St (Graded)		4	29 67 ⁸
S		34	267 ³	6	29 67 ⁸
th		33	67 ⁴	4	26 68 ¹
4		31	67 ⁶	th	27 68 ⁰
6		33	67 ⁴	th	26 68 ¹
4		34	67 ³		
th		34		9	50 65 ²
th		34	67 ³	th	48 65.9
	2	E of Eagle		4	46 64.1
n		20	68 ⁷	6	46 66 ¹
th		19	68 ⁸	4	44 66.3
4		19	68 ⁸	th	42 64.5
6		20	68 ³	5	41 66 ⁶
4		22	68 ⁵		
th		18	68 ⁹		
S		12	69 ⁵		

50

E 1

Eagle

270.68

75' E of Eagle

S	75	63 ²
ll	73	63 ⁴
y	75	63 ²
h	79	62 ⁸
y	80	62 ⁷
ll	81	62 ⁶
n	81	62 ⁶

100' E of Eagle

n	134	57 ³
ll	132	5
y	132	
h	128	57 ⁹
y	127	59.0
ll	122	58.5
S	124	58 ³

T.P.

004

257.73

1299 257.69

257.73

125' E of Eagle

S	103	47 ⁴
ll	93	
y	87	49 ⁰
h	85	49 ²
y	84	
ll	80	
n	76	50 ¹

T.P.

051

245.64

1260 245.13

150' E of Eagle

n	34	42 ²⁰
ll	39	
y	43	
h	52	40 ⁴
y	64	
ll	69	
S	78	37 ⁸

77

175 E of Eagle st

S 166 29°

bl 152

y 146

b 134 32°

y 126

bl 121

n 105 35°

TP 043 23303 1304 23260

200 E = W of Dove st

n 72 25°

bl 90

y 103

b 114 21°

y 125 20°

bl 160

S 168 16°

Davis
Hansen
Spon

265.57 B.M. Mon N.E. Univ. & Alabama.

271.30 HI	59.70	19.00	57.20	54.60
12.65	11.60	12.30	12.90	16.70
	0.70	0.87	1.24	1.10
258.75 TP	258.00	257.70	257.56	257.58
4.33	12.28	6.38		
263.08 HI	259.80	26.00	29.10	41.60
	8.60	13.43	10.33	17.50
	1.53		0.23	1.13
	+7.00		4.00	+6.00
250.08 TP	250.00	238.70		245.00
4.26	8.84	15.64		
254.34 HI	254.00	11.30		
	6.30	4.30		
271.80	260.00	68.00	24.00	
1.12	19.12	19.52	9.12	
270.18 TP	260.00	17.30		
2.90	80.50	32.30		
288.12	275.80	11.77	28.80	
2.7		6.2		
282.86 TP	277.00	5.76		
5.09				
287.95 HI	287.00			
	1.00			
	5.69			
	+6.70			
265.57 B.M.	256.00	257.20	259.00	259.70
3.05	14.82	11.20	9.50	8.92
268.62				11.02
11.22				3.15
				257.57
257.40 TP	250.80	246.00	241.00	238.70
0.59	7.09	2.25	7.25	9.50
257.89 HI				6.65
11.61				
246.28 TP	77.08			
1.72				
248.25 HI				
1.00				
247.81 TP	219.00	238.70		
1.35	1.26	9.26		
248.16 HI				
246.81				
2.67				
250.48	44.20	44.20	27.62	
9.0	6.06	5.92	2.86	
249.58 TP				
10.92				
260.50				

Grades for 36" C.I. Pipe in Univ Ave

277.50	E. Line Florida.
274.00	+2.0
269.60	+4.0
264.00	W. end bridge +6.0
256.70	Beet #1 +8.1
249.10	" #2 +10.1
241.60	" #3 +12.1
232.70	" #4 +13.0
241.00	" #5 +14.1
246.00	" #6 +6.1
250.80	" #8 +8.1
254.60	E. end bridge +10.1
257.40	+2.0
259.00	+4.0
259.70	+6.0

59.7
60.20

59.7
57.87
1.83
45

31.16 / 10.1800 / 2.21
94248
75520
62932
26880

11.26

RETURN TO CITY ENGINEER'S OFFICE
CITY HALL, SAN DIEGO, CAL.

