1291

FIELD BOOK

No. 385F

Our Leather Bound Engineers Note Books are carried in the following rulings:

No. 380 LEVEL BOOK. Left and Right Hand Page the same as Left Hand Page of this Book.

No. 382 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 4 x 4 to the inch, Center Line Red.

No. 384 MINING TRANSIT BOOK. Left Hand Page as in this Book, Right Hand Page 8x8 to the inch, Center Line Red.

No. 385 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 8 vertical and 4 horizontal lines to the inch, Center Line Red.

We also carry the Note Books listed above, bound in extra strong Fabri-Hide (otherwise the same quality of book), which can be furnished at a somewhat lower price.

In ordering Fabri-Hide covered books, add the letter *"F"* to catalog number.

TORREY PINES GRADE
STADIA Notes

10/26/28
Steere
Wood
Calhoun
Pearce

6% Grade R=1500' or more.

		El.
	Foot of Torrey Grade P.C. & Ex. paving = 00	20.0
1		20.0
2	P.I. = Cop. rock in & Ex. paving = El. 20.0	20.0
3	Δ = 4N° 4V' LT.	17.3
4	R = 1500'	13.0
5	T = 87.08	13.3
6	Chd = 111.69	17.1
7		10.6
8	= Dry lake bottom	2.8
9	" " "	2.8
10	= E.C. 11+19.20	37.6
	13+20	47.1
	15+77.7 POT	75.3
	18+15.7 POT	90.7
	24+08.5 POT	120.1
	29+53 swale	128.3
	31+70	147.0
	32+32.1 POT	168.5
	32+80	161.4
	33+70 wash	137.4
	34+76	166.0
	35+51	202.9
	36+09.4 = P.C.	209.0
	38+13.3 = & curve	236.5
	39+60	234.0

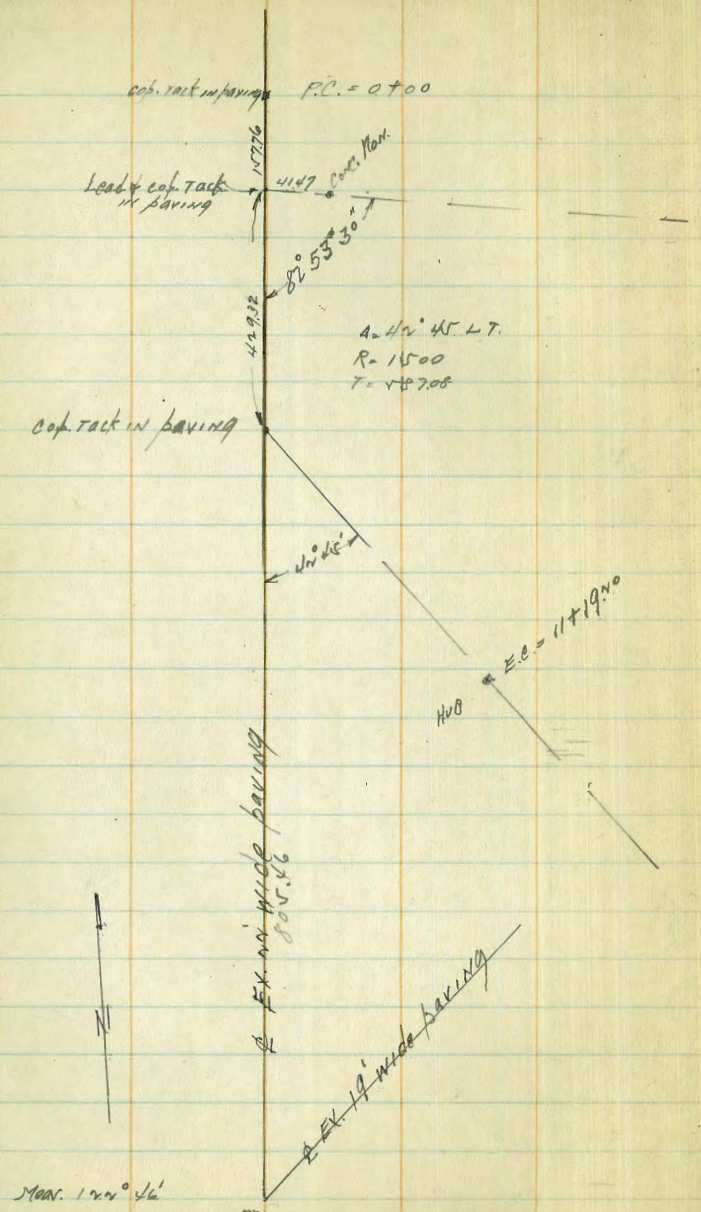
Plotted 11-1-28 TGH

Δ = 15° 29' RT.
R = 1500
T = 203.9
Ex = 13.8
L = 405.3

		EL
40+14.7 = EC.		201.0
40+54		183.0
40+95		198.0
41+88.5		181.0
43+94		176.5
45+17		184.3
46+03.5	Δ = 9°00' RT	207.5
47+73.3 = PI	R = 1500.	316.0
48+5.5	T = 115.05	291.0
48+90 = EC		314.0
50+62		334.0
52+10		309.0
53+11 = P.O.T.		352.2
55+03		318.0
58+41	Δ = 11°22' LT	343.2
60+84 = P.I.	R = 3000'	343.7
63+43 = P.O.T.		374.0
66+90		377.0
68+70		353.0
69+35		369.0
69+45 = P.O.T.		392.5
74+00. P.I.	Δ = 26°19' RT	405.2
	R = 1500'	
77+57 = Abbrox PC of Expaving		418.0

Torrey Pines Grade

11/9/08



Record Δ = 120° 50' For Torrey Grade
R = 125'
T = 129.53

P.C. = 0+00
E.C. = 11+19.20
P.O.T. = 15+80.92 2 Sta
P.O.T. = 18+20.12 2 Sta
Nail 43+19.64
P.O.T. 24+17.03 2 Sta

3

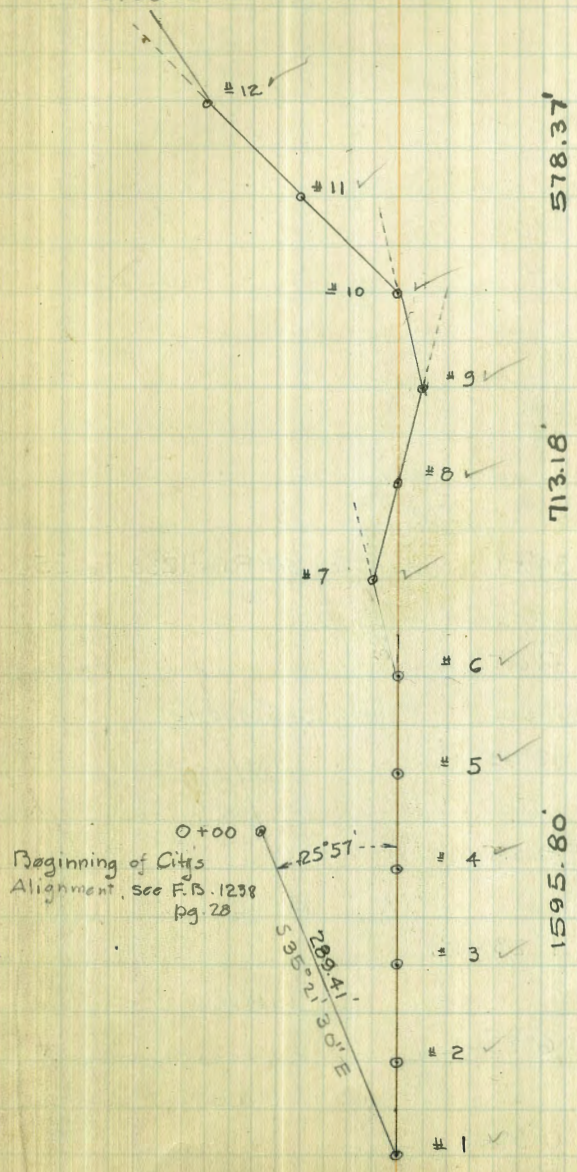
Control Traverse along Scripps Proposed Alignment and Ties to Citys Alignment
See F.B. 1238, pg. 28

JAEGER
Bailey
Clarert
Brooks
} Dec. 24th 1928.

5

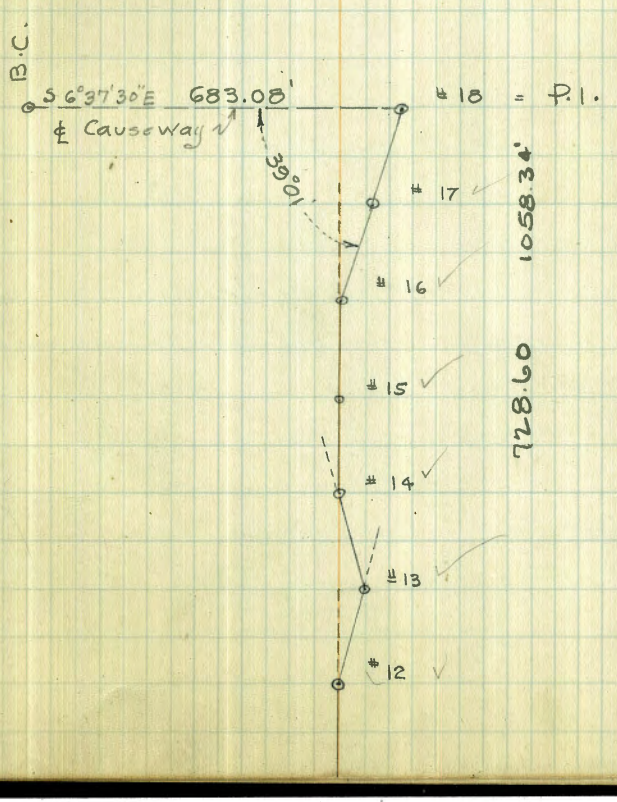
		Bearing
12	0°59'	
493.78' ✓		N59°40'30"W ✓
11	P.O.T.	
84.59 ✓		
10	22°47'-L	
123.80		N36°53'30"W ✓
9	4°36'-L	
499.44		
8	P.O.T.	
213.74'		N32°17'30"W ✓
7	2°17'-R	
383.92		N34°34'30"W ✓
6	25°10'-L	
225.77'		
5	P.O.T.	
101.53'		N9°24'30"W ✓
4	P.O.T.	
425.69		
3	P.O.T.	
556.04'		
2	P.O.T.	
286.77		
1		

98.59

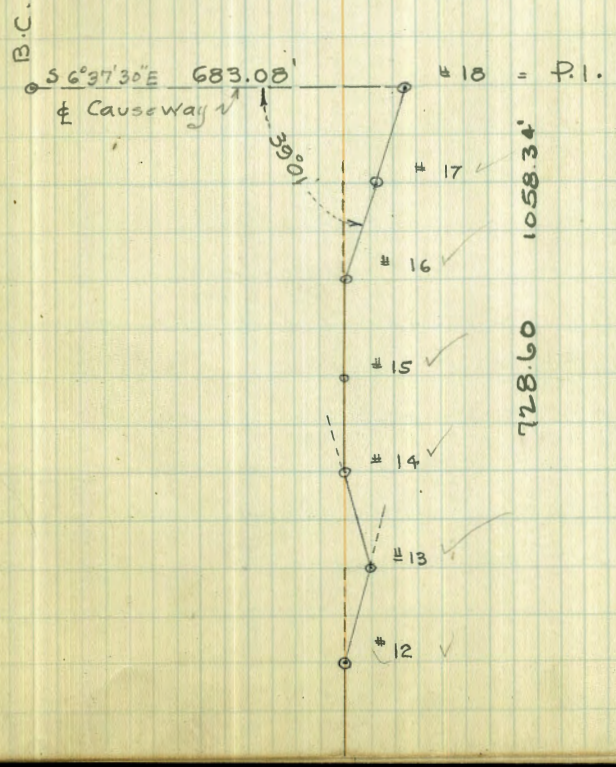


Plotted
A.C.L.
Feb. 5. 1929

		Bearing	
18		39°01'	= P.I. See F.B. 1238, pg. 35
	604.15'		
17		P.O.T.	
	454.19		N45°38'30"W
16		18°03'-R	
	316.03'		
15		P.O.T	
	412.57'		N63°41'30"W ✓
14		1°23'-R	
	499.95'		N65°04'30"W ✓
13		6°23'-L	
	340.01'		N58°41'30"W ✓
12		0°59'-R	
			N59°40'30"W ✓



		Bearing	
18		39°01'	= P.I. See F.B. 1238, pg. 35
	604.15'		
17		P.O.T.	
	454.19		N45°38'30"W
16		18°03'-R	
	316.03'		
15		P.O.T	
	412.57'		N63°41'30"W ✓
14		1°23'-R	
	499.95'		N65°04'30"W ✓
13		6°23'-L	
	340.01'		N58°41'30"W ✓
12		0°59'-R	
			N59°40'30"W ✓



Levels from B.C. on ℄ Pavement (assumed Elev. 350) to Existing City's B.M. at End of Rose Canyon.

+	H.I.	−	Elev.
			350.00
12.87	362.87		
		0.09	362.78
11.67	374.45		
		0.40	374.05
13.26	387.31		
		0.12	387.19
12.80	399.99		
		0.39	399.60
12.14	411.74		
		0.99	410.75
12.75	423.50		
		0.60	422.90
10.05	432.95		
		1.20	431.75
7.02	438.77		
		8.38	430.39
1.43	431.82		
		12.60	419.22
1.22	420.44		
		12.75	407.69
1.50	409.19		
		7.75	401.44
7.84	409.28		

+	H.I.	−	Elev.
		1.71	407.87
9.30	417.17		
		0.10	417.07
12.15	429.22		
		1.08	428.14
12.23	440.37		
		10.81	429.56
2.35	431.91		
		10.95	420.96
12.71	433.67		
		1.18	432.49
8.92	441.41		
		1.95	439.46
9.17	448.63		
		9.02	439.61
1.51	441.12		
		12.75	428.37
3.51	431.88		
		3.20	428.68
2.02	430.70		
		6.26	424.44
11.95	436.39		
		1.88	434.51
12.80	447.31		
		4.67	442.64

Sta	+	H.I.	−	Elev
	1.36	444.00		
			9.37	434.63
	3.61	438.24		
			12.52	425.72
	1.15	426.87		
			6.40	420.47
	2.56	423.03		
			11.69	411.34
	0.08	411.42		
			7.15	404.27
	1.77	406.04		
BM. 394.985	City Datum		7.48	398.56
398.56	Assumed Elevation			
Subtract 3.57	from Elevations in Book 1238.			

Sta	+	H.I.	−	Elev.

Topography around Scripps Proposed Alignment.

Jaeger, Bailey, Clavert, Brooks } Dec. 31st 1928.

Sta.	Defl. &	Dist.	V.A.	Horiz. Dist.	Diff. Elev.	Elevation	
1-A	Foresight to Sta. ①					354.03	
	19°00-L	105'	+1°50'	105'	+ 3.36	357.39	East Edge Pavement
	41-12-L	285'	- 3°04'	284'	+ 15.22	369	
	39-23-L	112'	- 1°15'	112'	- 2.44	352	
	57-31-L	235'	- 1°44'	235'	- 7.10	347	
	91-36-L	260'	- 4°52'	259'	- 21.97	332	
	66-38-L	102'	- 8°29'	100'	- 14.88	339	
	94-26-L	135'	- 9°10'	132'	- 21.34	333	
	75-04-L	53'	- 15°21'	49'	- 13.52	340	
	68-05-L	25'	- 6°15'	25'	- 2.71	351	
	150-41-L	95'	- 14°40'	89'	- 23.29	331	
	Foresight to Sta ②						
	7-45-L	110'	- 1°25'	110'	- 2.72	351	
	17-45-R	171'	- 8°33'	167'	- 25.14	329	
	9-16-R	267'	- 5°54'	265'	- 27.29	327	
	7-53-L	207'	- 3°41'	206'	- 13.27	341	
	16-12-L	270'	- 2°55'	269'	- 13.80	340	Edge of Bluff
	28-48-L	246'	- 1°47'	246'	- 7.65	346	East Edge Pavement
	6-48-L	284'	- 2°00'	284'	- 9.91	344	Edge of Bluff.
	25-55-L	270'	- 2°20'	270'	- 10.99	343	
	15-20-L	280'	- 2°00'	280'	- 9.77	344	
		242'	- 4°27'		- 18.72	335.31	Sta. ②
2	Foresight to Sta. 3					335.31	
	5-19-L	12	- 28°40'	9.3	- 5.13	330	
	32-22-L	26	- 5°25'	23	- 2.4	333	

Plotted - A.C.L.
Feb. 5, 1929

STA	Defl. ∠	Dist.	V.A.	Horiz Dist.	Diff. Elev.	Elev.	
	27-57-L	96'	-4°44'	96'	- 8.0	327	
	28-18-L	103'	+5°26'	103'	+ 7.94	343.25	STA. 2-A
2-A	Backsight to	STA 2					
	154-30-R	77'	-33-6	54'	- 35	308	
	123-45-R	105'	-39-55	62'	- 52	291	
	2°-00-R	54'	-0°30'	54'	- 1.4	342	247
	3-30-R	54'	-4°15'	54'	- 4.0	339	7
	108-15-R	136'	-36°45'	88'	- 65.0	278	
	110-30-R	150'	-39-10'	90'	- 74.	269	
	35-15-R	54'	-32-50	39'	- 24	319	
	106-30-R	170'	-33-30	119'	- 78	265	
	95-45-R	35'	-39-30	21'	- 17	326	
	101-15-R	200'	-29-28	151'	- 86	257	
	98-15-R	30'	-48-00	13'	- 17	326	
	106-45-R	240'	-32-17	171'	- 109	234	
	55-15-R	75'	-37-41	47'	- 38	305	
	112-30-R	250'	-33-10	175'	- 114	229	
	70-15-R	120'	-38-35	77'	- 59	284	
	70-15-R	130'	-37-45	82'	- 63'	274	-6'
	67-45-R	175'	-86-43	112'	- 84	259	
	122-45-R	260'	-31-30	113'	- 71	272	
	79-30-R	200'	-37-00	124'	- 96	240	-6.5'
	69-15-R	218'	-35-53	142'	- 102	241	
	64-00-R	255'	-32-05	198'	- 123	220	
	62-15-R	270'	-30-30	200'	- 117	226	

STA	Defl. ∠	Dist	V.A.	Horiz. Dist	Diff. Elev.	Elevation	
	63-15-R	280'	-32-05	200'	-126	217	
	58-00-R	220'	-33-00	155'	-100	243	
	84-00-R	275'	-35-40	181'	-130	213	
	51-15-R	225'	-27-45	176'	-96	247	
	79-15-R	295'	-35-00	199'	-139	204	
	78-45-R	325'	-31-25	236'	-145	198	
	58-30-R	350'	-28-47	270'	-148	195	Torrey Pine 50' high
	51-45-R	330'	-27-45	260'	-136	207	
	44-30-R	340'	-13-46	325'	-78	265	
	36-30-R	377'	-10-30	361'	-67	276	
	32-30-R	395'	-7-29	395	-51	292	
	27-00-R	430'	-5-28	430	-41	302	
	23-15-R	445'	-4-15	445	-33	310	
	27-00-R	385'	-10-47	370	-70	273	
	21-15-R	425'	-4-45	425'	-35	308	
	30-15-R	360'	-14-11	335	-85	258	
	20-00-R	440'	-2-37	440'	-21	322	
	17-15-R	450'	-1°00	450'	-8'	335	
	14-45-R	450'	+0-08	450'	+1'	344	
	18-15-R	350'	-5-20	350'	-33'	310	
	14-30-R	440'	-0-42	440'	-5'	338	
	12-30-R	410'	+0-40	410'	+5'	348	
	12-30-R	410'	-1-30	410'	-10'	333	
	11-30-R	380	+0°22'	380'	+2'	345	
	7-30-R	390'	+0°20'	390'	+2'	345	Plotted A.Ch

Sta	Defl. ∠	Dist.	V.A.	Horiz. Dist.	Diff. Elev.	Elevation	
	8-45-R	312	-0-14	312'	- 1	342	
	10-00-R	235	-0-41	235'	- 3	340	
	10-45-R	183	-0-26	183'	- 5	338	
3		563	+ 6°00'	+ 58.55	276.76	277	Sta. 2 Elev. 335.31
	Foresight to Sta. 2 all angles to Right.						
	84-00-R	122	+21-10	106'	+ 42'	319	
	70-15-R	14	+26-17	13'	+ 6	283	
	103-45-R	104	+24-13	90'	+ 41	318	
	116-30-R	115	+9-15	112'	+ 18	295	Torrey Pine 20' high
	12-45-R	63	+0-25	63'	+ 0	277	
	130-45-R	101	+0-28	101'	+ 1	278	Torrey Pine 12' "
	357-30-R	78	-4-12	78'	- 6	271	
	139-15-R	108	-6-40	108'	- 13	264	
	340-45-R	107	-12-05	103'	- 22	255	
	153-15-R	124	-17-00	116'	- 36	241	
	339-15-R	96	-11-15	94'	- 18	259	
	329-30-R	141	-15-47	131'	- 37	240	
	165-15-R	144	-14-30	135'	- 35	242	
	324-30-R	184	-20-28	162'	- 60	217	
	171-45-R	141	-11-29	135'	- 28	249	Torrey Pine 6' high
	324-00-R	150	-24-28	125'	- 56	221	
	168-00-R	154	- 5-45	154'	- 15	262	
	170-00 R	198	+ 0-05	198	+ 0	277	
	168-00 R	203	- 1-15	203	- 4	273	
	173-00-R	238	+ 2-46	238	+ 12	289	

277

Sta	Defl. ∠	Dist.	V.A.	Horiz. Dist.	Diff. Elev.	Elevation	
	181-15-R	195	+0-05	195'	+ 0	277	
	194-30-R	170	-4-30	170'	- 13	264	
	189-00-R	154	-6-12	154'	- 17	260	Torrey Pine 25' high
	280-00-R	177	-22-20	150'	- 64	213	
	188-45-R	200	-3-44	200'	- 13	264	Torrey Pine 30' "
	279-45-R	138	-22-25	119'	- 49	228	
	198-30-R	166	-7-5	166'	- 23	254	
	268-30-R	95	-19-35	84'	- 30	247	
	206-30-R	177	-12-28	168'	- 39	238	
	288-45-R	70	-21-40	61'	- 24	253	
	301-30-R	110	-25-28	90'	- 43	234	
	203-45-R	205	-11-00	198'	- 39	238	
	312-30-R	93	-32-35	68'	- 42	235	
	326-15-R	73	-28-20	57'	- 31	246	
	166-00-R	286	+7-20	286	+ 36	313	
	159-45-R	316	+6-40	316'	+ 37	314	
	253-30-R	33	-13-36	32'	- 1	276	
	149-45-R	337	+11-39	324'	+ 66	343	
	218-30-R	40	-41-00	23'	- 20	257	
	138-30-R	354	+8-32	354'	+ 52	329	
	182-00-R	40	-39-00	24'	- 20	257	
	165-00-R	390	+8-17	390'	+ 56	333	
	171-30-R	415	+11-45	400	+ 83	366	
	180-00-R	430	+6-17	430'	+ 46.65	323.41	Sta # 4
	178-45-R	120	-28-30	96	-	217	-10' Bottom Canyon

Plotted A.C.L.

Sta	Defl. ∠	Dist.	V.A.	Horiz. Dist.	Diff. Elevation	Elevation	
	277						
	166-00-R	440	+7°53'	440'	+ 59	336	
✓	154-00-R	400	+7°45'	400'	+ 54	331	
✓	163-00-R	137	-16°25'	126'	- 37	240	- 12' Bott. Canyon
✓	154-45-R	145	-14°35'	136'	- 36	241	Bott. Canyon
✓	183-45-R	435	+3°33'	435'	+ 27	304	
✓	186-00-R	415	+2°15'	415'	+ 16	293	
✓	148-45-R	174	-9°24'	174'	- 28	249	Bott. "
✓	188-30-R	375	+0°42'	375'	+ 5	282	
✓	145-00-R	210	-4°32'	210'	- 17	260	Bott. "
✓	187-15-R	312	-0°13'	312'	- 1	276	Torrey Pine 20' high
✓	143-00-R	237	-1°44'	237'	- 7	270	Bott. Canyon
✓	181-00-R	290	-0°32'	290'	- 3	274	
✓	142-15-R	277	+1°10'	277'	+ 6	283	Bott. "
✓	179-15-R	255	+0°20'	255'	+ 2	279	
✓	140-15-R	274	+3°37'	274'	+ 17	294	
✓	183-45-R	240	-3°30'	240'	- 15	262	
✓	142-45-R	315	+3°00'	315'	+ 16	293	Bott. "
✓	148-00-R	342	+6°32'	342'	+ 38	315	
✓	159-45-R	230	+2°25'	230	+ 10	287	
✓	155-15-R	240	+2°22'	240	+ 10	287	Two small Torrey Pines
✓	144-15-R	360	+7°10'	360	+ 45	322	
✓	147-15-R	227	+2°26'	227	+ 10	287	Torrey Pine 8' high
✓	142-00-R	350	+5°40'	350	+ 34	331	
✓	138-45-R	314	+6°40'	314	+ 36	313	
✓	134-00-R	275	+6°05'	275	+ 29	306	

STA	Defl. ∠	Dist.	V.A.	Horiz. Dist.	Diff. Elev.	Elevation	
✓	149-30-R	255'	+1°41'	255'	+ 8	285	
✓	131-00-R	215'	+ 4°5r'	215'	+ 18	295	
✓	145-00-R	275'	+ 4°05'	275'	+ 19	296 X	
#4	Fore sight to STA. 5					323.41	
✓	60-45-R	100'	-23°25'	70'	- 36	287	
✓	9-15-L	64'	- 8°00'	63'	- 8.8	314	
✓	95-45-R	100'	- 33°30'	70'	- 46	277	
✓		104'	- 9°41'		- 17.24	306.17	STA. #5
✓	89-45-R	140'	- 32°10'	100'	- 62	261	
✓	8-00 -R	85'	- 15°30'	79'	- 22	301	
✓	50-15 -R	115'	- 24°30'	95'	- 43.5	~~380~~ 280	
✓	15-45 -R	110'	- 16°00'	106	- 29.3	294	
✓	56-45- R	70'	- 22°55'	60'	- 25	298	
✓	33-45'-R	39'	- 18°23'	35'	- 11.5	312	
✓	1-15'-R	115'	- 11°20'	111'	- 22	301	
✓	33-30-L	34'	+ 1°35'	34'	+ 0.95	324	
✓	32-45-L	77'	+ 0°54'	77'	+ 1.13	325	
✓	30-30-L	124'	+ 1°15'	124'	+ 2.7	326	
✓	32-00-L	137' 124'	+ 1°21'	137'	+ 3.2	326 X	
#6	Backsight to Sta. 5		+ 15°35'		+ 63.64	242.53 ✓	STA #5 Elev. 306.17
✓	177-15-R	158'	+ 11°41'	154'	+ 31.5	274	Torrey Pines 20' high
✓	109-45-R	22'	- 1°10'	22'	- 0.45	242 ✓	
✓	179-30-R	125'	+ 10°52'	121	+ 23	266 ✓	
✓	102-30-R	70'	- 10°20'	68	- 12.4	230 ✓	
✓	165-45-R	105'	+ 3°20'	105'	+ 6.1	249 ✓	Torrey Pine 25' high
							Plotted - A.C.L.

Sta	Defl. &	Dist.	V.A.	Horiz. Dist	Diff. Elev.	Elevation	
	✓ 77-45-R	100'	- 7°15'	98'	- 12.2	230	
	✓ 157-00-R	87'	- 1°30'	87'	- 2.25	240	Torrey Pines 30' high ✓
	✓ 66-15-R	136'	- 5°30'	136'	- 12.1	230	" " 10' " ✓
	✓ 152-30-R	90'	- 2°16'	90'	- 3.65	239	" " 35' " ✓
	✓ 49-30-R	164'	- 3°41'	164'	- 10.56	232	
	✓ 31-30-R	216'	- 0°36'	216'	- 2.28	240	" " 30' " ✓
	✓ 21-30-R	185'	- 0°44'	185'	- 2.38	240	
	✓ 36-30-R	168'	- 0°55'	168'	- 2.70	240	" " 30' " ✓
	✓ 44-45-R	150'	- 3°00'	150'	- 7.9	234	" " 30' " ✓
×	✓ 84-30-R	60'	+ 22°06'	52'	+ 21	263	
	✓ 255-45-R	96'	- 5°35'	95'	- 9.2	233	" " 35' " ✓
	✓ 51-45-R	73'	+ 23°30'	62'	+ 27	270	
	✓ 231-45-R	93'	- 4°30'	93'	- 7.3	235	" " 15' " ✓
	✓ 28-00-R	125'	+ 19°00'	112'	+ 39	282	
	✓ 177-30-R	80'	- 9°30'	78'	- 13	229	
	✓ 17-15-R	154'	+ 20°10'	135'	+ 50.5	293	
	✓ 148-45-R	35'	- 9°30'	34'	- 5.7	237	" " 20' " ✓
	128-00-R	50'					" " 20' " ✓
	✓ 155-45-R	100'	- 12°00'	95'	- 20.5	222	" " 25' " ✓
	14-60-R	190'	+ 19°15'	170'	+ 59.5	302	
	153-30-R	167'	- 11°15'	160'	- 32	210	" " 12' "
# 7	Foresight to Sta #9	735'	+ 8°30'		+ 107.46	175.07 177.63 ✓Correct –	BM. #2 285.09
	349-30-R	660'	+ 0°35'	660'	+ 6.80	185	
	353-00-R	610'	- 0°45'	610'	- 8.1	170	Top of Bluff Torrey Pines 7' high ✓
	356-30-R	625'	- 1°37'	625'	- 17.8	160'	" " "

STA	Defl. ∠	Dist.	V.A.	Horiz. Dist.	Diff. Elev.	Elevation
	359-30-R	695'	-1°-35'	695	- 19.3	159
	360-00	714'	-1°25'	714	- 17.63	160.00
	1-45-R	680'	-3°15'	680	- 38.5	139
	2-30-R	660'	-4°42'	660	- 54	124
	359-30-R	630'	-3°58'	630	- 43.5	134
	357-00-R	610'	-3°50'	610	- 41	137
	355-00 R	610'	-2°57'	610	- 31	147
	357-45 R	596'	-2°22'	596	- 25	153
	351-30 R	560'	-3°30'	560	- 34.2	144
	350-00 R	515'	-4°50'	515	- 43.5	134
	358-30 R	535'	-6°00'	533	- 56	122
	4-30 R	540'	-7°15'	530	- 68	110
	6-00 R	610'	-6°42'	610	- 71	107
	5-00 R	500'	-8°15'	490	- 71	107
	355-45 R	470'	-7°00'	470	- 57	121
	350-30 R	475'	-5°57'	475	- 49	129
	0-00	443'	-8°35'	430	- 65	113
	0-30 R	290'	-9°49'	283	- 49	129
	350-00 R	410'	-8°00'	400	- 56.8	121
	343-15 R	423'	-5°55'	423	- 43.5	134
	344-15 R	455'	-4°05'	455	- 34.5	145
	337-00 R	420'	-5°35'	420	- 41	139
	339-15 R	350'	-7°37'	345	- 46	132
	345-45-R	337'	-4°45'	337	- 28	150
	358-00 R	310'	-10°45'	301	- 71	107

STA #9
Torrey Pine 30' high
" " 30' high
2 " " 40' "

Plotted - A.C.L.

STA	Deft. ∠	Dist.	V.A.	Horiz. Dist.	Diff. Elev.	Elevation	
	0-00	220'	- 10°58'	214	- 52	126	STA. # 8
	20-45 R	166'	- 2°25'	166	- 7.1	171	2 Torrey Pine 20' high
	18-15 R	190'	- 3°10'	190	- 10.6	167	" " 20' "
	15-15 R	138'	- 2°30'	138	- 6.1	172	" " 14' "
	37-30 R	133'	+ 0°40'	133	+ 1.6	180	" " 35' "
	7-15 R	131'	- 5°45'	131	- 13.1	165	
	8-15 R	151'	- 5°40'	151	- 14.8	163	
	5-30 R	161'	- 8°55'	160	- 24.8	153	
	4-45 R	136'	- 9°37'	132	- 22.4	156	
	343-45 R	140'	- 13°28'	132	- 31.8	146	
	330-30 R	166'	- 13°27'	157	- 37.5	140	
	325-00 R	195'	- 13°30'	186	- 47.5	130	
	325-00 R	205'	- 13°55'	193	- 47.5	130	
	307-00 R	200'	- 12°50'	190	- 43	135	
	305-00 R	195'	- 11°45'	188	- 39	139	
	304-45 R	130'	- 15°30'	121	- 33.5	144	
	347-00 R	90'	- 16°35'	82	- 24.7	153	
	20-00 R	70'	- 11°30'	67	- 13.7	164	
	327-45 R	45'	- 17°30'	41	- 13	165	
	44-30 R	21'	- 1°05'	21	- 0.4	178	2 " " 30' "
	85-30 R	53'	+ 14°35'	50	+ 13	191	
	69-00 R	93'	+ 8°00'	89	+ 12.4	190	" " 20'
	85-00 R	95'	+ 15°25'	89	+ 24	202	15' "
	79-30 R	120'	+ 13°15'	114	+ 26.7	208	" " 50 "
	112-45 R	126'	+ 20°15'	111	+ 41	219	" " 25 "

Sta	Defl. ∠	Dist.	V.A.	Horiz. Dist.	Diff. Elev.	Elevation	
	145-00 R	133'	+16°18'	122	+ 35.2	213	
	152-30 R	145'	+8°45'	142	+ 22	200	
	155-30 R	155'	+12°45'	148	+ 33.5	212	2 Torrey Pine 40'
	161-30 R	130'	+7°10'	128	+ 16.3	194	
	160-30 R	100'	+10°15'	97	+ 17.6	198	
	170-45 R	135'	+3°30'	135	+ 8.25	186	
	165-45 R	177'	+6°00'	175	+ 18.6	197	
	165-15 R	202'	+10°00'	195	+ 34.8	213	
	171-15 R	220'	+12°05'	207	+ 46	224	
	179-15 R	220'	+8°40'	218	+ 33	211	" " 12'
	175-45 R	190'	+10°10'	184	+ 33	211	" " 12'
	183-30 R	250'	+6°00'	250	+ 15.7	194	
	186-45 R	210'	+6°15'	210	+ 22.3	200	
	177-30 R	290'	+9°05'	283	+ 45.5	224	" " 20'
	185-15 R	390'	+8°20'	38[illegible]	+ 56	234	
	197-00 R	300'	+10°00'	29[illegible]	+ 51.7	230	
	196-45 R	335'	+12°00'	32[illegible]	+ 68.5	247	
	203-30 R	315'	+11°30'	314	+ 64	242	
	197-00 R	225'	+6°30'	225	+ 31.2	209	
	197-30 R	195'	+4°30'	195	+ 15.5	194	
	196-45 R	150'	+1°30'	150	+ 3.9	182	
	191-30 R	155'	+3°45'	155	+ 10.25	188	" " 35'
	194-15 R	130'	+1°35'	130	+ 1.3	179	
	192-45 R	120'	-1°15'	120	- 2.6	175	
	168-30 R	175'	+6°28'	175	+ 19.5	198	" " 14'

Sta	Defl. ∠	Dist.	VA.	Horiz. Dist.	Diff. Elev.
	0-00	392'	+10°04'		+ 67.46
#9	Foresight to Sta. 7, All angles to Right.				
	2-15 R	770'	+0°40'	770	+ 9.1
	5-00 R	800'	+0°28'	800	+ 6.6
	7-00 R	830'	+0°32'	830	+ 7.7
	7-45 R	860'	+0°45'	860	+11.30
	6-15 R	880'	+1°40'	880	+25.5
	4-45 R	900'	+2°10'	900	+34.0
	3-15 R	865'	+1°20'	865	+20.2
	10-30 R	830'	0°00	830	~
	10-45 R	870'	+1°22'	870	+20.9
	11-00 R	910'	+2°39'	910	+42
	10-00 R	940'	+3°05'	940	+50.5
	5-45 R	930'	+2°30'	930	+40.8
	4-15 R	935'	+2°35'	935	+42
	3-00 R	900'	+1°54'	900	+30
	3-00 R	750'	+0°25'	750	+5.6
	4-45 R	690'	-0°23'	690	-4.7
	8-30 R	660'	-1°16'	660	-14.7
	3-45 R	615'	-1°00'	615	-10.8
	358-45 R	650'	+0°06'	650	+1.15
	356-45 R	550'	-0°20'	550	-3.2
	357-15 R	505'	-1°55'	505	-17
	354-45 R	480'	-1°40'	480	-14.2
	351-00 R	485'	+0°26'	485	+3.7

Elevation

242.53 X

160.00 ✓

169

167

168

171

185

194

180

160 Bottom Cangow

181

202

210

201

202

190

165

155

145

149

161

157

143

146

164

Sta. # 6

160

Sta	Defl.	Dist.	V.A.	Hor. Dist.	Diff. Elev.	Elevation	
	348-00 R	430	0°00'	430	~	160	
	349-15 R	413	- 1°28'	413	- 10.8	149	
	351-30 R	400	- 4°52'	400	- 34	126	
	353-15 R	370	- 7°22'	365	- 47.5	112	
	346-30 R	335	- 8°55'	320	- 59	101	
	318-45 R	400'	- 6°40'	398	- 46.5	114	
	311-45 R	376'	- 6°45'	374	- 44	116	
	307-45 R	330'	- 9°40'	320	- 55	105	
	316-45 R	340'	- 9°28'	330	- 56	104	Torrey Pine 40'
	326-15 R	277'	- 12°30'	268	- 59	101	
	324-30 R	245'	- 15°30'	225	- 63	97	
	312-15 R	204'	- 20°55'	178	- 69	91	
	296-30 R	170'	- 24°28'	141	- 64	96	
	314-00 R	150'	- 24° 55'	123	- 58	102	
	321-00 R	125'	- 28°30'	97	- 53	107	
	321-30 R	75'	- 36°45'	48	- 35	125	
	332-45 R	45'	- 24-45'	37	- 17	143	" " 25'
	258-45 R	35'	- 37°30'	22	- 17	143	
	213-00 R	23'	- 27°00'	23	- 9	151	" " 25'
	76-15 R	44'	+ 12°12'	42	+ 9	169	
	74-00 R	94'	+ 10°20'	91	+ 16	176	
	128-15 R	90	+ 12°10'	87	+ 18	178	
	128-15 R	63'	+ 12°52'	60	+ 14	174	
		123'	+ 2°05'		+ 4.46	164.46	Sta. # 10

Sta	Defl. ∠	Dist.	V.A.	Horiz. Dist.	Diff. Elev.	Elevation	
#10	Foresight to Sta. #11, all Angles to Right					164.46	
	205°30 R	88'	-0°25'	88	-0.65	164	Brink of Cliff
	216-45 R	67'	+3°30'	67	+4.1	168	" " "
	228-30 R	58'	+6°20'	57	+6.4	171	" " "
	248-45 R	23'	+9°40'	22	+3.85	168	" " "
	350°00 R	42'	-0°50'	42'	-0.6	164	" " "
	354-30 R	20'	-15°39'	18.5	-5.2	159	Bott. " "
	356-30 R	70'	-3°50'		-4.7	160	Brink " "
		85'	-5°25'		-7.99	156.47	Sta. #11
	304-00 R	42'	+11°15'	41	+8.0	172	Torrey Pine 20 feet
	260-30 R	75'	+10°53	74	+14.0	178	
	261-15 R	105	+10°00'	104	+18.2	183	
	7-15 R	85'	-8°43'	83	-12.5	152	
	9-15 R	85'	-12°20'	82	-17.5	147	
	25-00 R	95'	-20°20'	83	-33	131	
	33-45 R	95'	-21°52	82	-33	131	
	38-00 R	115'	-26°42'	92	-46	118	
	45-30 R	150'	-25°40'	132	-64	100	
	54-30 R	198	-20°10'	175	-67	97	
	68-15 R	190	-22°26'	160	-67	97	
	71-30 R	140	-28°10'	110	-58	106	
	60-30 R	105	-35°17'	70	-50	114	
	89-00 R	100	-39°50	59	-49.5	115	
	87-30 R	137	-32°00'	98	-61	103	
	78-15 R	157	-24°45'	130	-61	103	

Sta	Defl. ∠	Dist	V.A.	Horiz. Dist.	Diff. Elev.	Elevation
	✓ 85-00 R	196	-21°30'	170	- 67	97
	✓ 86-00 R	250	-20°46'	218	- 83	81
	✓ 86-00 R	294	-19°47'	260	- 94	70
	✓ 98-15 R	320	-19°15'	270	- 100	64
	✓ 104-15 R	270	-20°38'	238	- 90	74
	✓ 99-00 R	213	-24°25'	175	- 80	84
	✓ 99-30 R	185	-27°07'	147	- 75	89
	✓ 104-30 R	145	-28°35'	113	- 61	103
	✓ 110-15 R	130	-27°14'	103	- 53	111
	✓ 112-30 R	100	-28°00'	78	- 42	122
	✓ 125-00 R	95	-30°18'	71	- 42	122
	✓ 151-30 R	120	-30°05'	90	- 52	112
	✓ 145-30 R	155	-27°53'	121	- 64	100
	✓ 140-00 R	195	-24°04'	163	- 73	91
	✓ 154-00 R	215	-21°36'	185	- 74	90
	✓ 168-30 R	190	-21°49'	163	- 66	98
	✓ 170-00 R	145	-24°35'	120	- 55	109
	✓ 176-00 R	111	-24°28'	91	- 42	122
	✓ 183-00 R	86	-24°00'	71	- 32	132
	✓ 157-00 R	90	-35°12'	60	- 42	122
	✓ 147-45 R	101	-33°22'	70	- 45	119
	✓ 144-30 R	103	-37°40'	65	- 50	114
	✓ 185-45 R	66	-30°22'	49	- 29	135
	✓ 212-15 R	43	-31°00'	43	- 19	145

Plotted A.C.L.

Sta	Defl. ∠	Dist.	V.A.	Horiz. Dist.	Elev. Diff.	Elevation
	105-15 R	55'	-44°16'	28	-27	137
	97-00 R	27'	-42°35'	14.6	-13.5	150
#11	Foresight to Sta #12, all angles to Right					156.47 ✓
		509'	-9°02'		-78.95	77.52 73.82 correct
	284-30 R	65'	+1°30'	65'	+1.7	158
	355-30 R	490'	-8°50'	480'	-75	81
	248-00 R	69'	+8°45'	67'	+10.4	167
	348-30 R	470'	-8°10	460'	-66.5	90
	247-30 R	107'	+9°20'	103'	+17.2	174
	4-45 R	530'	-9°15'	515	-84.5	72
	282-30 R	130'	+1°55'	130	+4.3	161
	9-45 R	572'	-9°16'	560	-91	65
	14-15 R	475'	-10°52'	458	-89	67
	324-00 R	64'	-8°00'	62	-8.9	147
	7-30 R	460'	-10°18'	445	-81	75
	340-00 R	37'	-12°18	35	-7.7	148
	0-00	440'	-9°50	428	-74.5	82
	29-15 R	35'	-21°16'	30.5	-12	144
	353-30 R	440'	-9°19'	430	-71	85
	354-30 R	70'	-15°00'	65	-17.5	139
	348-00 R	427'	-8°47'	420	-65	91
	347-00 R	105'	-12°55'	99	-23	133
	336-30 R	365'	-9°00'	355	-56.5	100
	342-45 R	365'	-9°30'	355	-60	96

#12
Torrey Pine 8' ✓

156.47

27

Sta	Defl.	Dist.	V.A.	Horiz. Dist.	Diff. Elevat	Elevation
	355-00 R	355	-11°28'	340	-70	86
	355-30 R	345	-12°28'	330	-73	83
	356-15 R	330	-12°10'	318	-69	87
	12-00 R	328	-14°05'	308	-78	78
	12-30 R	335	-14°35'	317	-81.5	75
	13-00 R	340	-13°36'	320	-77.5	79
	17-45 R	400	-12°19'	385	-84	72
	30-45 R	350	-14°40'	325	-86.5	70
	31-30 R	350	-15°22'	322	-89	67
	31-30 R	340	-15°15'	315	-87	69
	39-45 R	330	-15°56'	305	-88	68
	48-15 R	300	-16°10'	278	-81	75
	59-00 R	290	-14°31'	271	-71	85
	68-15 R	285	-17°05'	260	-80	76
	61-45 R	236	-18°26'	212	-71	85
	69-00 R	235	-19°02'	210	-73	83
	49-30 R	190	-20°53'	166	-64	92
	58-15 R	143	-25°51'	116	-61.5	94
	54-30 R	125	-25°30'	102	-48.5	108
#12	Foresight to Sta. #11, all angles to Right					73.82
	353-15-R	395	+4°00'	395	+27.8	112.00
	3-45 R	390	+7°30'	380	+51.0	125.00
	358-15 R	370	+5°07'	370	+33.3	107.00
	14-00 R	380	+7°16'	375	+48	122.00

STA	Deft. ∠	Dist.	V.A.	Horiz. Dist.	Diff. Elev.	Elevation
	356-45R	415	+7°10'	405	+52	126
	15°15'R	410	+7°54'	400	+56	130
	356-30R	435	+7°47'	425.5	+60	134
	10-45R	420	+8°00'	410	+58.5	132
	3-00R	335	+5°35'	335	+33	107
	5-00R	295	+3°5N	295	+20	94
	20-30R	400	+7°45'	390	+54	128
	25-00R	476	+8°50'	465	+72.21	146
	26-45R	430	+7°15'	420	+54.5	128
	29-00R	290	+6°00'	290	+30.5	104
	31-30R	370	+6°42'	370	+43	117
	37-00R	330	+7°25'	325	+42.5	116
	84-00R	145	+7°31'	142	+19	93
	114-00R	115	+5°00	115	+10.1	84
	142-00R	110	+2°30'	110	+4.8	79
	180-15R	117	-1°22'	117	-2.8	71
	214-00R	143	-4°55'	143	-12.3	62
	225-30R	190	-5°20'	190	-17.8	56
	220-30R	293	-4°16	293	-21.8	52
	158-00R	204	+2°50'	204	+10.2	84
	215.30R	335	-2°00'	335	-11.8	62
	146-15R	255	+4°15'	255	+19	93
	145-00R	315	+5°00'	315	+27.5	102
	215-30R	380	-1°00'	380	-6.7	67

Torrey Pine 7'

BM. #3 149.60
- 3.57
146.03
72.21
73.82

Sta	Defl.	Dist.	V.A.	Horiz. Dist.	Diff. Elevation	Elevation
	✓ 153-00 R	355	+4°20'	355	+27	101
	✓ 204-15 R	325	- 0°35'	325	- 3.3	71
	✓ 160-15 R	280	+4°00	280	+19.8	94
	✓ 201-30 R	295	-1°30'	295	- 7.8	66
	✓ 167-00 R	244	+2°00'	244	+ 8.6	83
	✓ 200-30 R	250	- 2°10'	250	- 9.5	64
	✓ 170-15 R	315	+3°03'	315	+16.8	91
	✓ 191-00 R	216	-1°17'	216	- 4.8	69
	✓ 171-30 R	355	+2°23'	355	+14.7	89
	✓ 190-30 R	293	+0°26'	293	+ 2.2	76
		340	+1°55'		+11.36	85.18
	✓ 193-30 R	350	+0°40'	350	+ 4.1	78
#13	Foresight to #14, all angles to Right					85.18 ✓
		500'	-0°53'	500'	- 7.70	77.48
	✓ 95-00 R	76'	- 5°15'	76	- 6.9	78
	✓ 271-30 R	175'	+5°17'	175	+16.3	101
	✓ 79-15 R	114'	- 5°00	114	- 10.0	75
	✓ 272-00 R	115'	+5°10'	115	+10.3	95
	✓ 42-15 R	140	- 4°09'	140	- 10.2	75
	✓ 272-30 R	64'	+4°33'	64	+ 5.1	90
	✓ 20-45 R	180'	- 3°32'	180	- 11.2	74
	✓ 357-15 R	160'	- 1°51'	160	- 5.2	80
	✓ 9-00 R	252'	- 2°34	252	- 11.5	74
	✓ 336-00 R	195'	+0°15'	195	+ 0.8	86

STA. 13

STA. #14

Sta	Deflx	Dist.	V.A.	Horiz. Dist.	Diff. Elevation	Elevation
	6-00 R	330	-2°05'	330	-12.0	73
	322-15 R	220	+1°40'	220	+ 6.5	92
	10-15 R	360	-2°27'	360	- 15.5	69
	326-45 R	340	+2°52'	340	+ 17.2	102
	4-15 R	390	-1°40'	390	- 11.5	73
	336-45 R	374	+1°57'	374	+ 12.8	98
	0-00	380	-1°10'	380	- 7.85	77
	345-30 R	370	+0°50'	370	+ 5.5	91
	357-15 R	405	-0°45'	405	- 5.4	80
	345-15 R	470	+0°50'	470	+ 6.9	92
	330-00 R	450	+1°22'	450	+ 10.9	96
	354-15 R	490	-0°15'	490	- 2.2	83
	8-15 R	450	-1°52'	450	- 14.6	70
	345-15 R	570	+0°48'	570	+ 8.1	93
	4-15 R	530	-1°20'	530	- 12.5	73
	357-00 R	510	-0°35'	510	- 5.3	80
	7-15 R	540	-1°45'	540	- 16.6	68
#14	Foresight to Sta. #15, all angles to Right					77.48 77.14
		412	-1°05'		- 7.89	69.25 Sta. #15
					+ 7.83	74.21 B.M. #5
	161-30 R	345	-0°50'	345	- 5.30	72 + 7.83
	148-30 R	360	-1°29'	360	- 9.30	82.04
	142-30 R	300	-2°28'	300	- 13.0	68 - 4.90 H.I.
	132-00 R	375	-4°04'	375	- 27	64 77.14 Correct Elev. for Sta. #14
						50

STA	Defl. ∠	Dist.	V.A.	Horiz. Dist.	Diff. Elev.	Eleration
	130-00 R	170	- 5°10'	170	- 15.9	61
	149-30 R	160	- 3°16'	160	- 9.~	68
	127-30 R	89	- 4°55'	89	- 7.6	69
	104-30 R	130	- 6°15'	130	- 14	63
	100-45 R	204	- 6°09'	204	- 22	55
	62-00 R	190	- 6°22'	190	- 21	56
	314-15 R	95	+ 3°45'	95	+ 6	83
	46-30 R	138	- 5°38'	138	- 14	63
	301-00 R	150	+ 4°50'	150	+ 13	90
	19-45 R	120	- 3°46'	120	- 8	69
	309-30 R	200	+ 4°00	200	+ 14	91
	359-00 R	196	- 1°53'	196	- 6	71
	322-00 R	200	+ 2°30'	200	+ 9	86
	14-00 R	200	- 3°00'	200	- 10	67
	326-45 R	140	+ 2°00'	140	+ 5	8~
	26-30 R	245	- 3°50'	245	- 17	60
	340-00 R	134	+ 1°05'	134	+ 2	79
	9-00 R	295	- 2°04'	295	- 11	66
	357-15 R	170	- 1°40'	170	- 5	7~
	21-00 R	340	- 3°00'	340	- 18	59
	0-00	290	- 1°16'	290	- 6	71
	26-30 R	340	- 3°27'	340	- 22	55
	354-30 R	315	- 0°45'	315	- 4	73
	21-15 R	360	- 2°58'	360	- 19	58

Torrey Pine 9'

Sta	Defl. ∠	Dist.	V.A.	Horiz. Dist.	Diff. Elev.	Elevation
	✓339-30 R	280	+1°10'	280	+ 6	83
	✓8-30 R	335	-2°00'	335	- 12	65
	✓336-30R	315	+1°47'	315	+ 10	87
	✓359-00 R	345	-1°10'	345	- 7	70
	✓330-00R	300	+2°44'	300	+ 15	92
#15	Foresight	to #16, all angles to Right				69.25
		314	-1°45'		-9.58	59.67
	✓89-00R	50	-6°50'	48	- 5.9	63
	✓324-30R	94	+2°45'	94	+ 4.5	74
	✓91-00 R	104	-6°15	104	- 11.3	58
	✓303-15R	108	+7°41	106	+ 14.5	84
	✓89-15 R	155	-6°30'	153	- 17.5	52
	✓291-00R	133	+8°54'	131	+ 20.8	90
	✓88-15 R	205	-5°57'	204	- 21.5	47
	✓339-30R	164	+1°18'	164	+ 3.7	73
	✓73-00R	216	-7°10'	214	- 27	42
	✓326-45R	190	+3°49	190	+ 12.8	82
	✓67-45 R	167	-8°16'	165	- 24	45
	✓321-15 R	216	+7°40	214	+ 29	98
	✓56-45R	114	-8°47'	114	- 17.5	51
	✓309-45 R	196	+9°03'	190	+ 31	100
	✓34-15 R	80	-8°18'	78	- 11.5	57
	✓281-30 R	204	+11°51	197	+ 41.5	111
	✓6-30 R	150	-4°14	150	- 11.5	58

#16

Edge Highway

" "

" "

Sta	Defl. &	Dist.	VA.	Horiz. Dist.	Diff. Elev.	Elevation.	
	✓267-30R	220	+11°42	210	+ 44	113	Edge Highway
	✓23-30R	167	-6°34'	167	- 19	50	
	✓266-30R	200	+10°05'	193	+ 34.5	103	
	✓36-30R	19[illegible]	- 8°00'	187	- 26.8	42	
	✓323-45R	236	+ 6°4[illegible]'	230	+ 27.3	96	" "
	✓43-30R	240	- 8°00'	235	- 33.5	36	
	✓335-45R	289	+ 4°43'	289	+ 24	93	" "
	✓48-15R	290	- 7°40'	285	- 38.5	31	
	✓345-00R	360	+ 2°00'	360	+ 12.7	82	" "
	✓41-30R	335	- 7°14'	3[illegible]5	- 4[illegible]	27	
	✓348-15R	400	+ 0°58'	400	+ 6.9	76	" "
	✓32-30R	295	- 6°41	290	- 34	35	
	✓25-30R	260	- 6°04'	258	- 27.5	41	
	✓ 5-45R	233	- 2°5[illegible]'	233	- 11.7	57	
#16	Foresight to Sta # 17		All angles to Right			59.67	
		459	- 5°25'		- 43.16	16.51	Sta. # 17
	✓67-15-R	59'	-10°33'	57	- 10.6	49.	
	✓348-30R	385'	- 3°18	385	- 22.8	36.8	
	✓65-30R	105'	-10°20'	102	- 18.6	41.	
	✓344-30R	340'	- 2°55'	340	- 18	41.6	
	✓63-15R	156'	- 9°35'	151	- 25.8	34.8	
	✓341-30R	275'	- 2°47'	275'	- 13.5	46.	
	✓63-45R	255'	- 8°55'	248	- 39.5	20.	
	✓334-45R	196'	- 2°30'	196	- 8.7	51.	

Sta	Defl. ∠	Dist.	V.A.	Hor. Dist	Diff. Elev.
	✓31-15 R	290	- 8°43'	282	- 44
	✓347-00 R	200	- 5°23'	200	- 19
	✓353-00 R	230	- 6°07	228	- 24.8
	✓18-00 R	272	- 8°27'	265	- 40
	✓354-30 R	290	- 5°35'	288	- 28.5
	✓9-00 R	315	- 7°15'	310	- 39.5
	✓359-15 R	300	- 6°16'	295	- 32.5
	✓16-15 R	350	- 7°10'	345	- 43.5
	✓352-15 R	335	- 4°35'	335	- 26.5
	✓21-45 R	370	- 7°05'	365	- 45.5
	✓337-30 R	340	- 0°55'	340	- 5.5
	✓14-45 R	440	- 5°53'	438	- 45
	✓340-15 R	320	- 0°42'	320	- 3.9
	✓8-00 R	500	- 5°10'	500	- 45
	✓336-30 R	265	- 0°14'	265	- 1.1
	✓359-15 R	436	- 4°55'	435	- 37.5
	✓327-15 R	194	+ 1°11'	194	+ 4.0
	✓353-45 R	380	- 4°15'	378	- 28
	✓311-30 R	126	+ 4°58'	126	+ 11
	✓286-00 R	86	+ 7°43'	84	+ 11.5
	✓247-45 R	60	+ 11°35'	58	+ 11.7
	✓296-00 R	55	+ 5°05'	55	+ 4.7
	✓318-15 R	78	- 0°00	78	0.0
	✓331-45 R	100	- 2°47'	100	- 4.8

60

34

Elevation

16
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Edge Highway

Edge Highway

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Plotted A.C.L.

STA	Defl. ∠	Dist.	VA.	Horiz. Dist.	Diff. Elev.	Elevation
	339-30 R	115	- 4°25'	115	- 8.8	5'.
#17	Foresight to STA. #18, all angles to Right					16.51 x
	10-30 R	800	- 0°20'	800	- 4.7	12
	13-15 R	790	- 1°12'	790	- 16.6	0
	68-15 R	260	- 1°28'	260	- 6.7	10
	25-00 R	700	- 1°02'	700	- 12.8	4 x
	87-45 R	250	- 3°20'	250	- 14.7	2
	27-45-R	700	- 1°30'	700	- 18.5	- 2
	87-00-R	290	- 3°14'	290	- 16.5	0
	34-15 R	630	- 1°45'	630	- 19.5	- 3
	40-15 R	532	- 2°12'	532	- 20.6	- 4
	58-00 R	274	- 4°17'	274	- 20.7	- 4
	38-00 R	455	- 2°35'	455	- 20.5	- 4
	46-15 R	155	- 7°40'	150	- 20.5	- 4
	20-00 R	510	- 2°00'	510	- 19.8	- 4
	304-15 R	70	- 17°45'	64	- 20.3	- 4
	16-06 R	540	- 1°00'	540	- 9.5	7
	269-00 R	180	- 6°12'	175	- 19.5	- 3
	12-00 R	555	- 1°35'	555	- 16.0	0
	269-45 R	280	- 3°10'	280	- 15.6	1
	18-30 R	580	- 1°43'	580	- 17.6	- 1
	4-15 R	615	- 1°10'	615	- 12.6	4
	265-45 R	475	- 1°37'	475	- 12.1	4
x	230-00 R	615	- 0°30'	615	- 5.4	11

16.51

Sta	Defl. ∠	Dist	V.A.	Hor. Dist	Diff. Elev.	Elevation	
	257-45 R	390	-1°05'	390	- 7.5	9	
	355-45 R	535	-0°35'	535	- 5	11	
	256-15 R	320	-0°32'	320	- 3	13	
	356-30 R	518	-1°12'	518	- 11	5	
	257-45 R	435	+0°31'	435	+ 4	20	Edge Pavement
	1°45 R	435	-1°57'	435	- 15	1	
	252-30 R	405	+1°19'	405	+ 9.5	26	" "
	5-00 R	404	-1°22'	404	- 9.8	7	
	248-00 R	355	+2°26'	355	+ 15.3	32	" "
	10-15 R	355	-2°26'	355	- 15.3	1	
	238-15 R	280	+5°00'	279	+ 24.3	41	" "
	15-00 R	335	-3°35'	335	- 21	-5	
	232-00 R	230	+7°15'	217	+ 29	45	" "
	8-15 R	270	-4°20'	270	- 20.5	-4	
	226-00 R	200	+9°43'	195	+ 33.5	50	" "
	0-30 R	295	-2°25'	295	- 12.6	4	
	350-30 R	370	-2°14'	370	- 14.5	2	
	239-15 R	215	+4°53'	215	+ 18.4	35	Top Edge of Pitt
	344-15 R	420	-1°47'	420	- 13.3	3	
	250-00 R	245	+1°00'	245	+ 4.3	21	" " "
	256-15 R	220	-1°30'	220	- 5.8	11	" " "
	330-00 R	360	-2°00'	360	- 12.7	4	
	260-15 R	220	-2°23'	220	- 9.2	7	
	330-00 R	300	-2°49'	300	- 14.9	2	

16.51

Sta	Defl. &	Dist.	V.A.	Hor. Dist.	Diff. Elev.	Elevation	
	254-15R	220	- 1°50'	220	- 7.1	9	Bottom Pitt
	331-30R	220	- 2°44'	220	- 10.5	6	
	248-45R	230	- 1°12'	230	- 4.9	11	" "
	330-45R	180	- 6°30'	180	- 20.5	- 4	
	303-45R	205	- 5°46'	205	- 20.6	- 4	
	257-00R	94	- 3°10'	94	- 5.2	11	Edge Pitt
	302°00R	245	- 2°53'	245	- 12.3	4	
	248-00R	90	+ 1°53'	90	+ 2.9	19	Edge Pitt
	299-15R	345	- 2°07'	345	- 13	3	
	229-00R	93	+ 8°42'	91	+ 14	31	" "
	282-00R	380	- 1°45'	380	- 11.7	5	
	225-00R	106	+ 9°00	103	+ 16.5	33	" "
	276-30R	430	- 0°49'	430	- 6.2	10	Edge Highway
	228-45R	155	+ 7°33'	155	+ 20.5	37	" Pitt
	268-45R	425	- 1°43'	425	- 13	3	
	231-15R	180	+ 7°30'	180	+ 23.5	40	" "
	273-30R	295	- 3°00'	295	- 15.6	1	
	218-00R	210	+ 9°45'	205	+ 3.2	20	" Highway 20'
	270-15R	445	- 0°44'	445	- 5.75	11	" "
	263-45R	445	- 0°16'	445	- 2.1	14	" "
	258-30R	440	+ 0°20'	440	+ 2.6	19	" "

Plotted - A.C.L.

Sta.	+	π	−	El.	
0+00 ℄ Pave.				346.4	
	6.75	353.15			
2+02 ℄.	9.80				
Pt #1 From 0+00 ℄ Jaegers Line			8.0	345.1	East. edge of Rd. 100' E. of Jeegers Line
Pt #2. From 1+30	..	..	7.0	346.1	East edge of Rd. 115' E. .. ..
T.P.			6.32	346.83	
	6.90	353.73			
Pt #3 From 4+50			5.7	348.0	East of ℄ 176'
T.P.			14.50	339.27	
	1.2	340.47			
6+10			5.8	334.7	East of Sta. 6+10 (175') El. = 339.3

"A" Line for road in Balboa Park
From Alabama st to Park Blvd.

2/6/31
Loudon

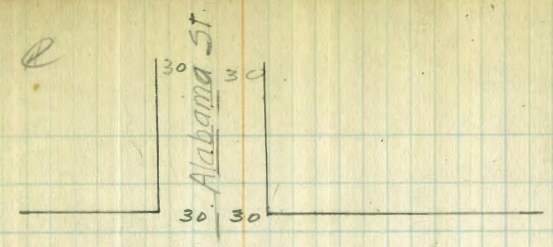
0+00

0+50 B.C. $\Delta = 106° 10'$ R
$R = 500$
$T = 665.53$
$L = 926.48$

9+76 48 EC.

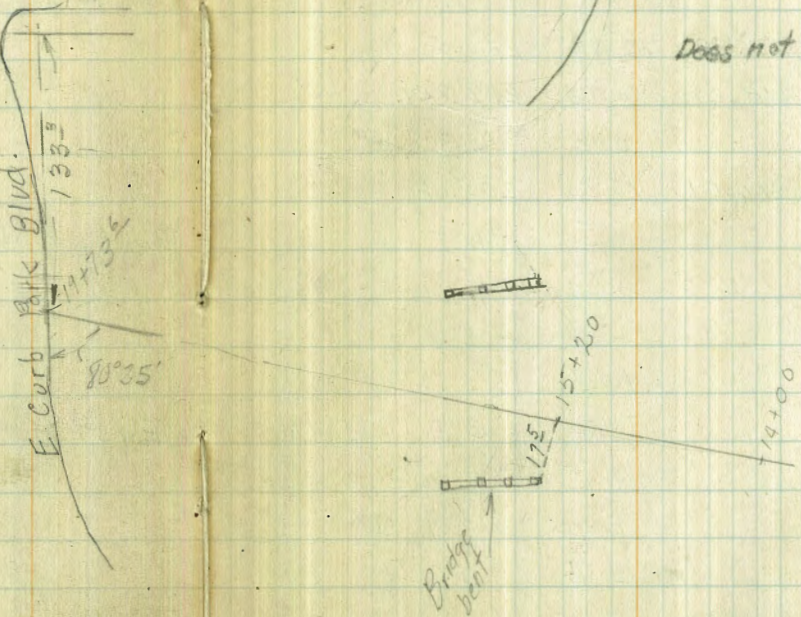
19+73 5 E curb Park Blvd.

19+73 8



0+50 B.C.

Does not plot.



B.M	3.26	264.76		261.50	Pipe NE Ala. & Upas
0+00			4.61	260.15	
0+50			3.2	261.6	
1+50			4.4	260.4	
2+50			8.6	256.2	
T.P.	1.76	255.90	10.64	254.14	
3+50			7.1	248.8	
TP	0.33	243.43	12.80	243.10	
4+50			7.5	235.9	
TP	0.30	230.88	12.85	230.58	
TP	0.33	218.28	12.93	217.95	
5+50			2.0	216.3	
TP	0.36	206.04	12.60	205.68	
6+50			9.5	196.5	
T.P.	1.31	194.15	13.20	192.84	
7+50			8.3	185.8	
8+50			10.9	183.2	
8+90			10.4	183.7	
9+10	Stream.		14.5	179.6	
9+13			10.2	183.9	
9+50			3.9	190.2	
T.P	12.32	203.20	3.27	190.88	
9+75			15.2	188.0	
9+80			10.6	192.6	
10+00			7.9	195.3	
T.P.	12.60	215.52	0.28	202.92	

280.07 Park Upas SW

	215.52		
11+00		11.4	204.1
12+00		4.5	211.0
T.P 1186	226.44	0.94	214.58
13+00		2.6	223.8
TP 12.79	239.01	0.22	226.22
TP 13.00	251.60	0.41	238.60
14+00		10.1	241.5
15+00		7.9	243.7
T.P. 13.01	263.52	1.09	250.51
16+00		15.5	248.0
T P 12.90	276.23	0.19	263.33
17+00		6.6	269.6
18+00		7.6	268.6
18+14		7.6	268.6
18+28		16.5	259.7
18+41		15.5	260.7
T.P. 12.95	288.98	0.20	276.03
18+83		5.0	284.0
19+00		1.1	287.9
T.P. 10.17	298.72	0.43	288.55
19+73½ cb		4.70	294.02
19+73½ Pav		5.34	293.38
B.M		2.96	295.76
S.W. Upas & Park Blvd.			(295.80)

"B" Line for road in Balboa Park
From Alabama at Upas to Park Blvd.

0+00

1+13 92 B.C.

Δ = 47°55' L
R = 300
T = 133.30
L = 250.89

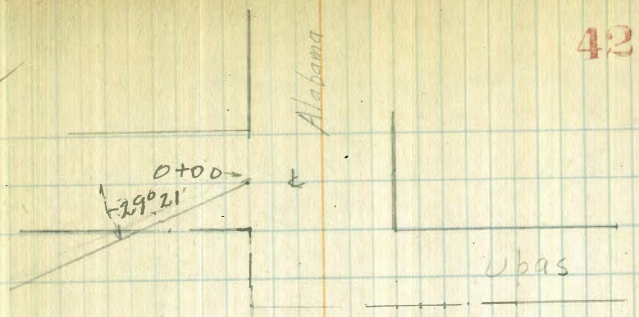
3+64 81 E.C.

4+21 07 B.C.

Δ = 99°42' R
R = 300
T = 355.63
L = 522.03

9+43 19 E.C.

9+49 45 = 10+00 "A" Line.



Profile of line shown on P 42

"B" Line

pipe NE Upper Flushing

BM	0.50	262.00		261.50
0+00			2.67	259.33
0+20			6.2	255.8
0+60			8.7	253.3
1+00			9.8	252.2
1+13 92 BC			10.2	251.8
1+64 10			13.1	248.9
T.P.	0.55	249.47	13.08	248.92
2+14 28			6.4	243.1
T.P.	0.74	237.25	12.96	236.51
2+64 46			1.7	235.6
3+14 64			10.7	226.6
T.P.	0.44	224.89	12.80	224.45
3+64 82 EC			5.5	219.4
4+21 07 BC			9.3	215.6
5+21 07			20.0	204.9
T.P.	0.25	212.02	13.12	211.77
T.P.	0.76	200.55	12.33	199.79
6+21 07			5.7	194.8
T.P.	1.94	189.28	13.21	187.34
6+41			3.3	186.0
7+21 07			4.9	184.4
8+21 07			4.8	184.5
8+57			5.0	184.3
8+70			8.0	181.3
8+75			4.8	184.5

189.28

T.P. 11 47	199.03	1.72	187.56
9+21+07		7.6	191.4
9+43 12 EC		3.8	195.2
9+49 20 = 10+00 "A" Line		3.6	195.4

Alignment Soledad Road

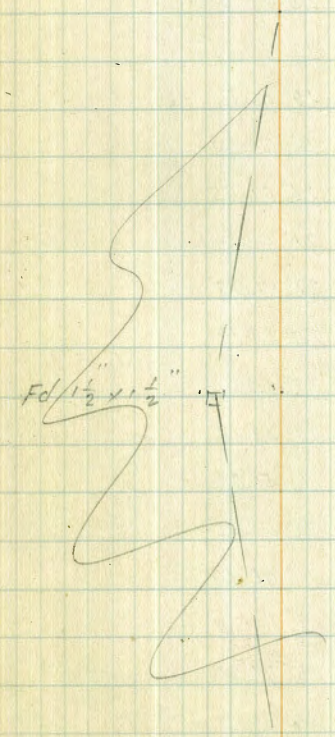
Rt.

114+65.11	E.C.		19°56.25'
+50			19°04.81'
114			16°12.43'
		Δ 39°52'30"	
+50		R 500.0	13°20.54'
		T 181.37	
113		L 347.98	10°28.66'
		Def. 3.4377	
+50			7°36.77'
112			4°44.89'
+50			1°53.'
111+17.13	B.C.		

See 1824 Page 67

Feb. 28-34
Moore
Silvey
Nordberg

44



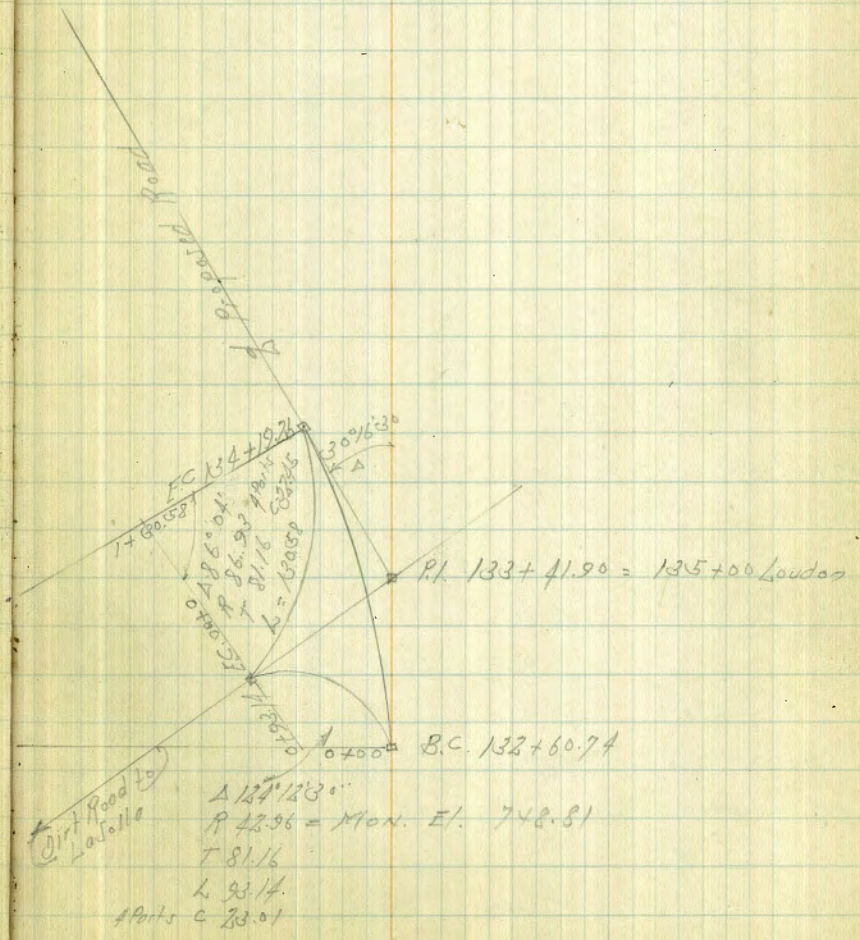
Reset 2x2 □
8-22-47

Rt.

127+80.54 E.C.		50° 06'
+50		48° 20.97'
127		45° 29.09'
+50		42° 37.20'
126		39° 45.32'
+50	Δ 100° 12'	36° 53.43'
125	R 500.0'	34° 01.55'
+50	T 598.00	31° 09.66'
124	L 874.41	28° 17.78'
+50	D 34377	25° 25.89'
123		22° 34.01'
+50		19° 42.12'
122		16° 50.24'
+50		13° 58.35'
121		11° 06.47'
+50		8° 14.58'
120		5° 22.70'
+50		2° 30.81'
119+06.13 B.C.		

Lt

134+19.26	EC		15° 08.25'
134		Δ 30°16'30"	13° 17.89'
		R 300.0'	
+50		T 81.16	8° 31.48'
		L 158.52	
133		D 5.7295	3° 41.94'
132+60.74	BC.		



Pt.

137+64.59 EC 42°34.50'

+50 Δ 85°09' 38°23.67'

R 100.0

137 T 91.87 24°04.22'

c=139.8 L 148.61

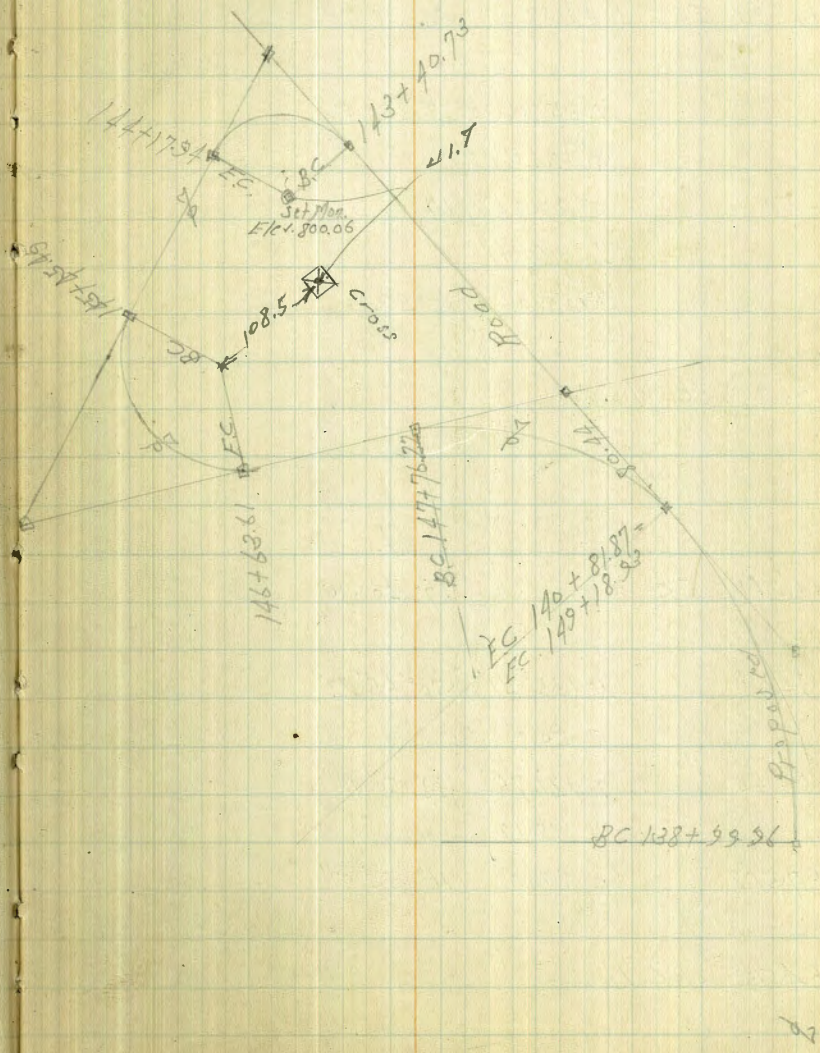
+50 D 171887 9°44.77'

c=139.86

136+15.98 BC

			Lt.
144+17.94	E.C.		55°17'45"
		Δ 110°35'30"	
143+98.63		R 40.0	41°28'14"
		T 57.76	
143+79.33		L 77.21	27°38'52"
		C 19.12	
143+60.03			13°49'26"
143+40.73	B.C. Lt.		

			Lt.
140+81.87	E.C.		20°50.75
		Δ 41°41'30"	
+50		R 250.0	17°11.60'
		T 95.18	
140		L 181.91	11°27.88'
		D 6.87 55	
139+50			5°41.05'
138+99.96	B.C. Lt.		



Rt.

149+18.93	EC=140+81.87		32°58.25'
149		Δ 65°56'30"	98°36.06'
		R 134.0	
+50		T 80.41'	17°02.91
		L 142.71	
148		D 13.363	5°38.76
147+76.22	BC Rt.		

Lt.

146+63.61	EC		67°40'30"
146+34.08		Δ 135°21'	50°45'27"
		R 50.0	
146+01.55		T 121.76	33°50'15"
		L 118.12	
145+75.02		C 29.10	16°55'07"
145+45.49	BC Lt.		

℄ levels on Wye
to Hillside Dr. La Jolla.

	1.84	7+0.99	746.15
B.C. = 13+60.74 / 0+00.0 = S. Leg of Wye.			
#1 pt		7.4	
#2 pt.		9.3	
#3 pt		11.1	
#4 = 0+93.1 = E.C.		12.1	
1+50		14.8	
N. Leg of Wye			
00 = E.C.		12.1	
#1 pt.		11.6	
#2 pt.		9.5	
#3 pt.		7.2	
#4 pt = EC = 13+19.6 / 1+30.58		5.1	

B.M.'s Loring to Soledad Park.

Soledad Rd.

			Corrected El.'s see 1408-51
00-3	33' Rt. Cap. rock fd.	206.85	207.08 ✓
8+54.38	105' Lt. NW Cor. Lower Conc. Step	265.28	265.51
25+06	40' Lt. 3/4" pipe	319.56	319.79
41+52.77	40' Lt. Conc. Mon.	443.59	443.82
51+00	46' Rt. 1" pipe	513.29	513.52
58+09.59	45' Rt. 1" pipe	519.53	519.76
81+00	Approx. P.I. Conc. Mon.	560.67	560.90
106+78	P.I. Conc. Mon.	663.56	663.79
119+06.13	40' Rt. Conc. Mon.	709.21	709.44
132+60.74 = 0+00	BC: 49.96 Lt. = R. Mon.	748.81	749.04
143+40.73	40' Lt = R. Mon.	800.06	800.29 Top Ely Peak of Soledad near Easter Cross

Indexed 1-24-52 Paw

Soledad Road Cross Section

Cont From 1324 Page 79

631.50 Ford 1324 Page 79

101+0			
40' Lt		4.2	627.3
20' Lt		3.4	628.1
℄		2.8	628.7
20' Rt		1.2	630.3
40' Rt		0.9	630.6
TP	12.33 642.59	0.24	631.26
101+50			
40' Rt		9.3	634.3
20' Rt		9.9	633.7
℄		10.7	632.9
20' Lt		11.9	631.7
40' Lt		14.0	629.6
102+0			
40' Lt		13.0	630.6
20' Lt		10.6	633.0
℄		8.0	635.6
20' Rt		5.5	638.1
40' Rt		3.6	640.0
102+50			
40' Rt		0.3	643.3
20' Rt		2.7	640.9
℄		5.0	638.6
20' Lt		7.6	636.0
40' Lt		11.5	632.1

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54

643.59

103+0			
40' Lt		6.8	636.8
20' Lt		3.2	640.4
℄		0.8	642.8
TP	12.58 656.07	0.10	643.49
20' Rt		10.6	645.5
40' Rt		8.9	647.2
103+50			
40' Rt		5.8	650.3
20' Rt		6.7	649.4
℄		8.5	647.6
20' Lt		10.4	645.7
40' Lt		12.6	643.5
103+84.52 BC Lt			
40' Lt		7.1	649.0
20' Lt		6.0	650.1
℄ on Hub		4.97	651.10
20' Rt		4.0	652.1
40' Rt		2.5	653.6
104+0			
40' Rt		1.9	654.2
20' Rt		3.3	652.8
℄		4.0	652.1
20' Lt		4.3	651.8
40' Lt		6.0	650.1
TP	12.52 668.46	0.18	655.94

104+49 ℄ on Road

668.46

104+50		
40' Lt	13.0	655.5
20' Lt	12.8	655.7
℄	13.4	656.1
20' Rt	11.7	656.8
40' Rt	10.8	657.7
105+0		
40' Rt	9.3	658.2
20' Rt	9.0	658.5
℄	9.0	658.5
20' Lt	9.4	658.1
40' Lt	9.6	658.9
105+50		
40' Lt	8.6	658.9
20' Lt	8.4	660.1
℄	8.4	660.1
20' Rt	7.7	660.8
40' Rt	8.0	660.5
106+0		
40' Rt	6.9	661.6
20' Rt	6.5	662.0
℄	6.8	661.7
20' Lt	7.0	661.5
40' Lt	7.3	661.2
106+50		
40' Lt	7.5	661.0

Feb. 26-34
Moore
55

668.46

20' Lt	6.7	661.8
℄	6.3	662.2
20' Rt	5.8	662.7
40' Rt	5.4	663.1
107+0		
40' Rt	3.9	664.6
20' Rt	4.3	664.2
℄	5.3	663.2
20' Lt	5.3	663.2
40' Lt	6.4	662.1
BM	5700	~~663.46~~ 663.56
107+50		
40' Lt	4.7	663.8
20' Lt	4.4	664.1
℄	3.8	664.7
20' Rt	4.0	664.5
40' Rt	4.0	664.5
108+0		
40' Rt	3.5	665.0
20' Rt	3.3	665.2
℄	2.8	665.7
20' Lt	3.4	665.1
40' Lt	3.7	664.8
108+50		
40' Lt	3.3	666.2
20' Lt	2.1	666.4

07 Rl. Hub 106+ Rose of Hax 663.79

668.46

℄			1.4	667.1
20' Rt			1.4	667.1
40' Rt			1.1	667.4
TP	11.68	679.35	0.79	667.67
	109+0			
40' Rt			10.4	669.0
20' Rt			10.7	668.7
℄			11.0	668.4
20' Lt			11.3	668.1
40' Lt.			11.8	662.6
	109+15.38 EC			
40' Lt			11.6	667.8
20' Lt			10.8	668.6
℄	on Hub		10.12	669.23
20' Rt			9.6	669.8
40' Rt			9.8	669.6
	109+50			
40' Rt			8.7	670.7
20' Rt			8.9	670.5
℄			9.1	670.3
20' Lt			9.8	669.6
40' Lt			10.5	668.9
	110+0			
40' Lt			9.5	668.9
20' Lt			8.5	670.9
℄			7.7	671.7

679.35

20' Rt			7.3	672.1
40' Rt			7.0	672.4
	110+50.			
40' Rt			5.6	673.8
20' Rt			5.8	673.6
℄			6.4	673.0
20' Lt			6.9	672.5
40' Lt			7.6	671.8
	111+0			
40' Lt			6.4	673.0
20' Lt			5.1	674.3
℄			4.3	675.1
20' Rt			4.0	675.4
40' Rt			3.5	675.9
	111+17.13 B.C. Rt			
40' Rt			2.9	676.5
20' Rt			3.5	675.9
℄	on Hub		3.98	675.37
20' Lt			4.1	675.3
40' Lt			5.3	674.1
TP	12.57	687.94	3.98	675.37
				on B.C. Hub 111+17.13
	111+50			
40' Lt			12.7	675.2
20' Lt			12.0	675.9
℄			11.6	676.3
20' Rt			11.2	676.7

687.94

40' Rt	10.8	677.1
112+0		
40' Rt	10.1	677.8
20' Rt	10.2	677.7
℄	10.7	677.2
20' Lt	11.0	676.9
40' Lt	11.4	676.5
112+50		
40' Lt	10.3	677.6
20' Lt	9.8	678.1
℄	9.3	678.6
20' Rt	8.6	679.3
40' Rt	8.7	679.2
113+0		
40' Rt	8.2	679.7
20' Rt	8.5	679.4
℄	8.5	679.4
20' Lt	8.9	629.0
40' Lt	9.8	678.1
113+50		
40' Lt	8.2	679.7
20' Lt	8.5	679.4
℄	8.2	679.7
20' Rt	8.0	680.9
40' Rt	7.4	680.5

687.94

114+0		
40' Rt	6.6	681.3
20' Rt	6.9	681.0
℄	6.3	681.6
20' Lt	7.4	680.5
40' Lt	7.8	680.1
114+50		
40' Lt	6.2	681.7
20' Lt	6.0	681.9
℄	6.1	681.8
20' Rt	5.5	682.4
40' Rt	4.8	683.1
114+65 11 Ec.		
40' Rt	5.3	682.6
20' Rt	5.6	682.3
℄ 67 Hub	5.62	682.32
20' Lt	5.4	682.5
40' Lt	5.3	682.6
115+0		
40' Lt	3.8	684.1
20' Lt	4.0	683.9
℄	3.5	684.4
20' Rt	3.2	684.7
40' Rt	4.4	683.5
115+50		
40' Rt	2.3	685.6

687.94

20' Rt			2.3	685.6
℄			2.4	685.5
20' Lt			1.7	686.2
40' Lt			1.1	686.8
TP	12.68	700.46	0.16	687.78
	116+0			
40' Lt			11.7	688.8
20' Lt			12.3	688.2
℄			11.7	688.8
20' Rt			13.2	687.3
40' Rt			13.5	687.0
	116+50			
40' Rt			10.8	689.7
20' Rt			10.7	689.8
℄			10.0	690.5
20' Lt			8.9	691.6
40' Lt			8.4	692.1
	117+0			
40' Lt			5.4	695.1
20' Lt			4.5	696.0
℄			5.1	695.4
20' Rt			6.2	694.3
40' Rt			7.3	693.2
	117+50			
40' Rt			2.7	697.8
20' Rt			1.7	698.8

700.46

58

℄			0.8	699.7
TP	12.52	712.69	0.29	700.17
20' Lt			12.9	699.8
40' Lt			12.6	700.1
	118+0			
40' Lt			9.5	703.2
20' Lt			9.8	702.9
℄			10.2	702.5
20' Rt			10.8	701.9
40' Rt			12.0	700.7
	118+50			
40' Rt			8.3	704.4
20' Rt			7.8	704.9
℄			7.6	705.1
20' Lt			7.4	705.3
40' Lt			7.8	704.9
	119+06.13 B.C. Rt			
40' Lt			6.1	706.6
20' Lt			5.6	707.1
℄ on Hub			4.43	708.26
20' Rt			3.5	709.2
40' Rt			3.5	709.2
TP	12.95	725.0°	0.64	712.05
	119+50			
40' Rt			12.9	712.1
20' Rt			12.8	712.2

(Corr. Elev 708.49 See pg. 51 Beatty 6/15/55)

725.00

℄		13.0	712.0
20' Lt.		13.3	711.7
40' Lt.		14.1	710.9
	120+0		
40' Lt		14.5	710.5
20' Lt		13.3	711.7
℄		10.7	714.3
20' Rt		9.7	715.3
40' Rt.		10.1	714.9
	120+50		
40' Rt		8.4	716.6
20' Rt		9.1	716.9
℄		9.9	715.1
20' Lt		12.1	712.9
40' Lt		14.4	710.6
	121+0		
40' Lt		12.8	712.2
20' Lt		10.0	715.0
℄		7.5	717.5
20' Rt		6.9	718.1
40' Rt		6.7	718.3
	121+50		
40' Rt		4.4	720.6
20' Rt		4.9	720.4
℄		5.7	719.3
20' Lt		7.8	717.7

725.00

40' Lt		10.0	715.0
	122+0		
40' Lt		5.8	719.2
20' Lt		4.2	720.8
℄		3.2	721.8
20' Rt		2.9	722.1
40' Rt.		2.9	722.1
	122+50		
40' Rt		0.8	724.2
20' Rt		0.3	724.7
℄		0.3	724.7
20' Lt		0.4	724.6
40' Lt		1.2	726.8
PT	12.55 73749	0.06	724.94
	123+0		
40' Lt		3.8	727.7
20' Lt		3.4	728.1
℄		3.9	727.6
20' Rt		10.3	722.2
40' Rt		11.7	725.8
	123+50		
40' Rt		11.2	726.3
20' Rt		8.3	728.7
℄		7.6	729.9
20' Lt		6.1	731.4
40' Lt.		6.6	730.9

07 & State 123+50

737.45

	124+00			
40' Lt.			1.8	735.7
20' Lt			3.0	734.5
℄			4.6	732.9
20' Rt			7.0	730.5
40' Rt			9.2	728.3
	124+50			
40' Rt			9.6	727.9
20' Rt			7.8	729.7
℄			4.1	733.4
TP	10.80	747.93	0.36	737.13
20' Lt			12.0	735.8
40' Lt			9.2	738.7
	125+00			
40' Lt			8.1	739.8
20' Lt			12.0	735.9
℄			14.9	733.0
20' Rt			17.2	730.7
40' Rt			19.7	728.2
	125+50			
40' Rt			19.8	728.1
20' Rt			15.6	732.3
℄			13.1	734.8
20' Lt			11.3	736.6
40' Lt			8.7	739.2

747.93

60

	126+00			
40' Lt			8.3	738.6
20' Lt			11.5	736.4
℄			13.6	734.3
20' Rt			16.4	731.5
40' Rt			17.4	730.5
	126+50			
40' Rt			17.2	730.7
20' Rt			15.2	732.7
℄			12.4	735.5
20' Lt			10.6	737.3
40' Lt			7.4	740.5
	127+00			
40' Lt			6.1	741.8
20' Lt			8.0	739.9
℄			11.2	736.7
20' Rt			12.6	735.3
40' Rt			15.4	732.5
	127+50			
40' Rt			15.7	732.2
20' Rt			9.6	738.3
℄			7.5	740.4
20' Lt			4.1	743.8
40' Lt			1.9	746.0
TP	9.33	757.18	0.08	747.85

March 1-34

61

767.18

127+80.54 EC.

40' Lt.		6.5	750.7
20' Lt.		10.4	746.8
℄ on Hub		11.43	745.75
20' Rt.		15.6	741.4
40' Rt		20.3	736.9

128+0

40' Rt		13.3	737.9
20' Rt		14.3	742.9
℄ = on Road		10.6	746.6
20' Lt.		6.5	750.7
40' Lt		4.0	753.2

128+50

40' Lt		3.6	753.6
20' Lt		5.3	751.9
℄		7.4	749.8
20' Rt		9.6	747.6
40' Rt		12.1	745.1

129+0

40' Rt		7.9	749.3
20' Rt		6.4	750.8
℄		4.6	752.6
20' Lt		3.0	754.2
40' Lt		0.9	756.3
TP	10.64	767.75	0.07	757.11

767.75

129+50

40' Lt		7.4	760.4
20' Lt		8.3	759.5
℄		8.8	759.0
20' Rt		11.3	756.5
40' Rt		12.6	755.2

130+0

40' Rt		9.4	758.4
20' Rt		7.8	760.0
℄		6.0	761.8
20' Lt		3.8	764.0
40' Lt		1.7	766.1

130+50 P.O.T.

40' Lt		1.8	766.0
20' Lt		3.3	764.5
℄ on Hub		6.04	761.71
20' Rt		9.6	758.2
40' Rt		13.1	754.7
TP	6.76	768.47	6.04	761.71

on ℄ Hub 130+50

131+0

40' Rt		18.3	750.2
30' Rt		17.2	751.3
20' Rt.		14.3	754.2
℄		10.8	757.2
20' Lt.		7.8	760.7
40' Lt.		5.6	762.9

768.47

	131+50		
40' Lt		5.2	763.3
20' Lt		5.0	761.5
℄		14.8	753.7
10' Rt		17.0	751.5
12' Rt	N/y Road	19.2	749.3
25 Rt	S/y "	19.5	749.0
40' Rt		24.5	744.0
	132+0		
40' Rt		27.8	741.7
15' Rt		20.8	747.7
1' Rt		19.8	748.7
℄		17.1	751.4
20' Lt		12.6	755.9
40' Lt		10.5	758.0
TP	0.83	756.14 12.66	755.81
	132+50		
40' Lt		5.0	751.1
20' Lt		7.0	749.1
℄	Road	9.2	746.9
10' Rt		9.0	747.1
40' Rt		16.3	739.8
	132+60.74 BC L		
40' Rt		16.8	739.3
20' Rt		11.6	744.5
℄	⌀ Hub	9.99	746.15

756.14

62

18' Lt		8.7	747.4
20' Lt		7.0	749.1
40' Lt		7.0	749.1
	133+0		
40' Lt		12.2	743.9
35' Lt		8.2	747.9
20' Lt		14.6	741.5
℄		14.0	742.1
20' Rt		15.4	740.7
40' Rt		19.2	736.9
	133+25		
40' Rt		20.7	735.4
20' Rt		18.5	737.6
℄		16.0	740.1
20' Lt		15.2	740.9
40' Lt		16.8	739.3
	133+50		
40' Lt		15.0	741.1
20' Lt		14.5	741.6
℄		15.2	740.9
20' Rt		17.5	738.6
40' Rt		19.0	737.1
	134+0		
40' Rt		10.8	745.3
20' Rt		10.7	745.4
℄		11.0	745.1

20 Lt		11.8	744.3
40 Lt		13.5	742.6
	134+19.26 EC		
40 Lt		12.8	743.3
20 Lt		11.5	744.6
℄	07 Hub	10.19	745.95
20 Rt		8.8	747.3
40 Rt		7.7	748.4
	134+50		
40 Rt		7.2	748.9
20 Rt		8.6	747.5
℄		10.2	745.9
20 Lt		11.3	744.8
40 Lt		12.2	743.9
	135+0		
40 Lt		11.8	744.3
20 Lt		10.5	745.6
℄		9.4	746.7
20 Rt		8.1	748.0
40 Rt		9.6	746.5
	135+50		
40 Rt		12.4	743.7
20 Rt		10.5	745.6
℄		10.0	746.1
20 Lt		10.4	745.7
40 Lt		11.6	744.5

	136+0		
40 Lt		10.1	746.0
20 Lt		9.6	746.5
℄		9.2	746.9
20 Rt		10.0	746.1
40 Rt		12.3	743.8
	136+15.98 BC Rt		
40 Rt		11.7	744.4
20 Rt		9.7	746.4
℄	07 Hub	9.05	747.05
20 Lt		8.9	747.2
40 Lt		9.0	747.1
	136+50		
40 Lt		7.2	748.9
20 Lt		8.5	747.6
℄		8.8	747.3
20 Rt		10.4	745.7
40 Rt		11.4	744.7
	137+0		
40 Rt		10.8	745.3
20 Rt		9.0	747.1
℄		6.7	749.4
20 Lt		6.3	749.8
40 Lt		5.0	751.1
	137+50		
40 Lt		7.3	748.8

	756.14		
20' Lt		2.1	754.0
℄		2.2	753.9
20' Rt		4.0	752.1
40' Rt		5.5	750.6
	137+64.59 E.C.		
40' Rt		5.0	751.1
20' Rt		2.5	753.6
℄ on Hub 12.11	767.35	0.90	755.24
20' Lt		12.7	754.7
40' Lt		19.2	748.2
	138+0		
40' Lt		13.5	753.9
20' Lt		8.5	758.9
℄		8.1	759.3
20' Rt		10.2	757.2
40' Rt		12.8	755.2
	138+50		
40' Rt		8.4	759.0
20' Rt		6.0	761.0
℄		3.9	763.5
20' Lt		2.6	764.8
40' Lt		2.7	764.7
TP 12.54	779.88	0.01	767.34
	138+99.96 B.C. Lt.		
40' Lt		11.6	768.3
20' Lt		11.4	768.5

	779.88		
℄ on Hub		12.12	767.76
20' Rt.		14.3	765.6
40' Rt		16.1	763.8
	139+50		
40' Rt		14.4	765.5
20' Rt		12.3	767.6
℄		10.7	769.2
20' Lt		10.4	769.5
40' Lt		12.0	767.9
	140+0		
40' Lt		14.7	765.2
20' Lt		10.4	769.5
℄ = ℄ Road		9.1	770.8
20' Rt		9.8	770.1
40' Rt		12.3	767.6
	140+50		
40' Rt		11.1	768.8
20' Rt		10.2	769.7
℄		14.7	768.2
20' Lt		14.1	765.8
40' Lt		17.1	762.8
	140+81.87 E.C.	= 149+18.93 on Return	
40' Lt		17.6	762.3
20' Lt		14.5	765.4
℄		13.3	766.6
20' Rt		15.1	764.8

779.88

40' Rt		17.2	762.7
	141+0		
40' Rt		22.0	258.9
20' Rt		17.2	262.7
℄		13.2	266.7
20' Lt		13.4	766.5
40' Lt		15.0	764.9
	141+50		
40' Lt		7.5	772.4
20' Lt		8.3	771.6
℄		8.2	771.7
20' Rt		13.3	766.6
40' Rt		19.5	760.4
	142+0		
40' Rt		18.3	766.6
20' Rt		5.7	779.2
℄		0.4	779.5
20' Lt - Hy Road		0.3	779.6
TP	12.71 792.57	0.02	779.86
40' Lt		11.1	781.5
	142+50		
40' Lt		0.6	792.0
20' Lt		2.2	790.4
15' Lt		4.4	788.2
℄		2.7	789.9
20' Rt.		6.8	785.8

792.57

65

40' Rt		11.7	780.9
	143+0		
40' Rt.		8.8	783.8
20' Rt.		3.8	788.8
TP	9.34 801.82	0.09	792.48
℄		6.3	795.5
15' Lt		6.2	796.6
20' Lt		1.7	800.1
40' Lt		+0.2	802.02
	143+40.73 BC Lt		
BM 40' Lt on Mon		1.76	800.06
20' Lt		2.1	799.6
℄		3.5	798.3
20' Rt.		6.3	795.5
40' Rt		11.2	790.6
	143+60.03		
40' Rt		4.5	797.3
20' Rt		2.8	799.0
℄		2.7	799.1
20' Lt		2.1	799.7
40' Lt		1.8	800.0
	143+79.33		
40' Lt		1.8	800.0
20' Lt		2.1	799.7
℄		2.7	799.1
20' Rt		2.4	799.4

801.82

62' Rt	4.1	792.7
40' Rt	8.4	793.4
143+98.63		
40' Rt	8.5	793.3
20' Rt	4.5	797.3
℄	3.9	792.9
20' Lt.	2.4	792.4
40' Lt	1.8	800.0
144+17.94 = EC.		
40' Lt	1.8	800.0
20' Lt	2.6	792.2
℄	5.2	796.6
20' Rt	6.8	795.0
40' Rt	9.2	792.6
144+50		
40' Rt	12.0	789.8
20' Rt	9.1	792.7
15' Rt	6.8	795.0
℄ : Road	7.0	794.8
10' Lt	4.2	797.6
40' Lt	1.7	800.1
145+0		
40' Lt	0.1	801.7
20' Lt	2.9	798.9
8' Lt	7.6	794.2
℄	7.7	794.1

10' Rt	8.0	793.5
20' Rt	11.2	790.6
40' Rt	14.7	787.1
145+45.49 80 Lt		
40' Rt	16.8	785.0
20' Rt	11.58	790.3
8' Rt	5.5	796.3
℄ : ℄ Road	5.7	796.1
8' Lt	5.5	796.3
15' Lt	2.0	799.8
40' Lt	1.4	800.4
145+75.02		
40' Lt	1.7	800.1
15' Lt	3.7	798.1
12' Lt	6.3	795.5
℄	6.5	795.3
10' Rt	9.4	792.4
40' Rt	17.0	784.8
146+04.55		
40' Rt	13.4	788.4
20' Rt	10.9	790.9
7' Rt	7.0	794.8
℄ : ℄ Road	7.3	794.5
10' Lt	7.0	794.8
15' Lt	5.2	796.6
40' Lt	2.4	799.4

801.82

146+34.08

40' Lt		2.9	798.9
13' Lt		5.9	795.9
8' Lt		8.1	793.7
℄		8.2	793.6
20' Rt		9.5	792.3
40' Rt		12.2	789.6

146+63.61 EC

40' Rt		16.5	785.3
20' Rt		11.5	790.3
15' Rt		9.4	792.4
℄		10.0	791.8
5' Lt		7.7	794.1
20' Lt		5.4	796.6
40' Lt		2.8	797.0
TP	3.48 798.04	7.21	794.61

147+0

40' Lt		0.6	797.4
20' Lt		4.3	793.7
℄		8.0	790.0
20' Rt = 1½ Ro.		9.3	788.7
25' Rt		12.2	785.8
40' Rt		15.3	782.7

147+50

40' Rt		21.5	776.5
20' Rt		18.0	780.0

798.04

15' Rt		15.4	782.6
℄		15.3	782.7
20' Lt		10.3	787.7
40' Lt		5.8	792.2

147+76.22 BC Rt

40' Lt		10.3	787.7
20' Lt		12.5	784.5
TP	0.94 786.82	12.16	785.88
10' Lt		4.2	782.4
5' Lt		7.2	779.6
℄ on Hub		7.08	779.74
13' Rt		7.0	779.8
20' Rt		9.3	777.5
40' Rt		13.3	773.5

148+0

40' Rt		14.3	772.5
20' Rt		11.4	775.4
15' Rt		9.9	776.9
℄		9.6	777.2
20' Lt		5.6	781.2
40' Lt		3.7	783.1

148+50

40' Lt		15.0	771.8
20' Lt		14.0	772.8
℄		15.3	771.5
23' Rt		16.4	770.4

Potter AFB March 1951

		786.82		
40' Rt			20.6	766.2
TP			12.55	774.27
		1490 = 1410 Appx.		
TP	1.63	775.90		774.27
TP	0.64	763.50	13.04	762.86
TP	6.72	757.16	13.06	750.44
TP	0.13	751.93	5.86	751.80
TP	0.20	740.95	11.18	740.75
TP	0.24	728.18	13.01	727.94
TP	0.20	715.36	13.02	715.16
TP	0.93	703.87	12.92	702.44
TP	0.34	691.54	12.17	691.20
TP	0.72	680.28	11.98	679.56
TP	0.52	668.75	12.05	668.23
TP	0.13	657.59	11.29	657.46
TP	0.00	644.77	12.82	644.77
TP	0.12	631.85	13.04	631.73
TP	-0.01	619.06	12.78	619.07
TP	0.69	609.08	10.67	608.39
BM	1.12	598.78	11.42	597.66
TP	0.32	586.10	13.00	585.78
TP	0.09	573.81	12.38	573.72
TP			12.91	560.90

1407 597.57
10 Rt 911-55

Soledad Road Line Change

103+99.42 to 127+04.06

Lt.

6-28-84
Moore

103+42.80 E.C.		15° 34'
109		14° 20 39"
+50		13° 54.457
108	Δ 31° 08'	11° 38.517
+50	R 1000.0	10° 02.577
107	T 278.58	8° 26.637
+50	L 543.38	7° 10.697
106	Dg 1.7188	5° 14.757
+50		4° 18.817
105		3° 52.877
104+50		1° 26.937
103+99.42 B.C.		

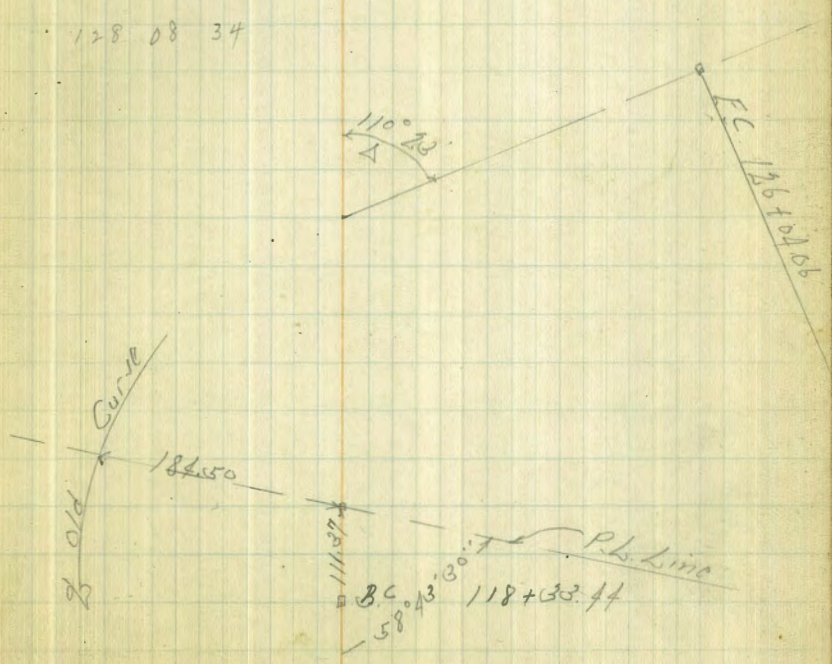
575.35
111.37
464

118 33.44
109 22.80
890.64

Rt.

+04.06	E.C. = 128+85.20	55° 11.50'	
126+0		54° 53.984'	
+50		51° 19.129' ✓	
125+0		47° 44.274' ✓	
+50		44° 09.419' ✓	
124+0	Δ 110° 23'	40° 34.564' ✓	
+66.01			38° 08' 34" ✓
+50	R 400.0	36° 59.709' ✓	
123+0	T 575.35	33° 24.854' ✓	
+84.87			32° 19' 53" ✓
+50	L. 770.62	29° 49.999' ✓	
122+0	D = 14.2972	26° 15.144' ✓	
+65.81			23° 48' 15" ✓
+50		22° 40.289'	
121+0		19° 05.434' ✓	
+50		15° 30.579' ✓	
120+0		11° 55.725' ✓	
+50		8° 20.870' ✓	
119+0		4° 46.015' ✓	
+50		1° 11.160' ✓	
118+33.44	B.C.		

128 08 34



Soledad Road Line Change
Cross Section
103+99.42 to 127+64.06

TP	11.32	674.88	0.44	663.56
107+0				
+50				
106+0				
+50				
105+0				
104+50				
103+99.42 BC.				
BM	0.44	664.00		663.56

R/ M07
106+

6-30-34

71

Lt.	℄	Rt
663.5	664.9	663.5	663.7	663.0
0.5	+0.4	0.5	0.3	0.1
40'	23'		23'	40'
661.9	662.4	662.8	663.2	663.1
2.1	1.6	1.2	0.8	0.9
40'	23'		23'	40'
661.6	661.7	661.5	661.5	661.8
2.4	2.3	2.5	2.5	2.2
40'	23'		23'	40'
660.1	660.1	660.8	660.3	660.5
3.9	3.9	3.2	3.7	3.5
40'	23'		23'	40'
659.1	659.0	659.3	659.2	659.1
4.9	5.0	4.7	4.8	4.9
40'	23'		23'	40'
654.9	656.1	656.0	656.5	657.4
9.1	7.9	8.0	7.5	6.6
40'	23'		23'	40'
649.7	651.2	652.07	652.90	654.2
14.3	12.8	11.93	11.1	9.8
40'	23'	07+0.5	23'	40'
		664.00		

111

+50

110

+42.80 E.C.

109

+50

108

107+50

674.88

Lt. Ω Rt 7-2

672.9	672.4	671.9	670.8	669.9
2.0 40	2.5 23	3.5	4.1 23	5.0 40
672.6	670.6	670.3	669.4	668.9
2.3 40	4.3 23	4.6	5.5 23	6.6 40
669.6	668.7	668.7	668.0	667.7
5.3 40	6.2 23	6.2	6.9 23	7.3 40
668.1	667.7	667.3	667.5	666.3
6.8 40	7.2 23	7.61 07H06	7.4 23	8.6 40
667.4	667.1	666.6	666.2	666.0
7.5 40	7.8 23	8.3	8.7 23	8.9 40
666.4	666.1	665.7	665.5	665.4
8.5 40	8.8 23	9.2	9.4 23	9.5 40
665.1	664.5	665.7	665.5	665.0
9.8 40	10.4 23	9.2	9.4 23	9.9 40
664.1	664.7	665.5	664.7	664.8
10.8 40	10.2 23	9.4	10.2 23	10.1 40

674.88

1+50				
114				
1+50				
113				
1+50				
112				
TP	11.95	685.96	0.87	674.01
111+50				
		674.88		

Lt & Rt 73

683.4	682.3	681.3	680.0	678.9
2.6	3.7	4.7	6.0	7.1
40	23		23	40
680.7	680.8	679.6	678.1	677.6
5.3	5.2	6.4	7.9	8.4
40	23		23	40
679.0	678.2	677.4	676.7	676.6
7.0	7.8	8.6	9.3	9.4
40	23		23	40
677.9	677.4	676.7	676.5	676.9
8.1	8.6	9.3	9.5	9.1
40	23		23	40
676.6	676.5	676.8	675.4	675.3
9.4	9.5	9.2	10.6	10.7
40	23		23	40
675.8	676.3	674.7	674.1	673.7
10.2	9.7	11.8	11.9	12.8
40	23		23	40
		685.96		
674.6	674.7	673.2	672.5	671.8
0.8	0.7	1.7	2.4	3.1
40	23		23	40
		674.88		

118				
+50				
TP	11.18	709.18	0.65	698.00
117				
+50				
116				
+50				
TP	12.78	698.65	0.09	685.87
115				
		685.96		

700.6	700.8	701.4	701.8	701.7
8.6	8.4	7.8	7.4	7.5
40	23		23	40
699.6	698.7	698.7	698.3	698.2
9.6	10.5	10.5	10.9	11.0
40	23		23	40
		709.18		
696.7	696.4	696.1	695.9	695.1
2.0	2.8	2.6	2.8	3.6
40	23		23	40
695.1	694.9	694.3	692.9	692.3
3.6	3.8	4.4	5.8	6.4
40	23		23	40
692.4	692.4	692.3	691.0	690.2
6.3	6.3	6.4	7.7	8.5
40	23		23	40
688.8	688.2	687.9	686.5	685.4
9.9	10.5	10.8	12.2	13.0
40	23		23	40
		698.65		
685.1	685.4	683.8	682.6	681.8
0.9	0.6	2.2	3.4	4.2
40	23		23	40
		685.96		

7-534

75

721.0	720.0	717.8	716.5	715.7
1.7 / 40	2.2 / 23	4.4	5.7 / 23	6.5 / 40
719.4	719.7	718.7	717.9	715.9
2.8 / 40	2.5 / 23	3.5	4.3 / 23	6.3 / 40
720.0	719.3	718.1	717.2	716.5
2.2 / 40	2.9 / 23	4.1	5.0 / 23	5.7 / 40
716.1	715.5	714.2	713.2	712.3
6.1 / 40	6.7 / 23	8.0	9.0 / 23	9.9 / 40
711.0	709.8	708.0	706.3	707.3
11.2 / 40	12.4 / 23	14.2	15.9 / 23	14.9 / 40
		722.23		
705.2	704.7	704.2	705.0	704.8
4.0 / 40	4.5 / 23	5.0	4.2 / 23	4.4 / 40
702.8	702.8	703.34	703.5	703.7
6.4 / 46	6.4 / 23	5.84 0.74 0.6	5.7 / 23	5.5 / 40
		709.18		

121

+50

120

+50

119

TP 13.26 722.23 0.21 708.97 0.7 Rock 20.4 118+90

+50

118+88.44 BC.

709.18

+50				
124				
TP	12.63	746.36	0.83	733.73
+50				
123				
+50				
122				
TP	12.75	734.56	0.42	721.81
121+50				
		722.23		

Lt. 2 Rt. 76

739.4	737.8	734.9	729.0	724.8
7.0	8.6	11.5	17.4	21.6
40	23		23	40
735.4	733.6	732.2	727.1	722.4
11.0	12.8	14.2	19.3	24.0
40	23	746.36	23	40
731.9	730.3	727.6	724.8	723.1
2.7	4.3	7.0	9.8	11.5
40	23		23	40
728.2	725.6	723.5	722.2	719.7
6.4	9.0	11.1	12.4	14.9
40	23		23	40
724.8	722.8	721.4	720.6	719.7
9.8	11.8	13.2	14.0	14.9
40	23		23	40
722.9	720.9	718.6	717.8	716.6
11.7	13.7	16.0	16.8	18.0
40	23	734.56	23	40
718.2	720.1	718.2	716.4	716.0
0.0	2.1	4.0	5.8	6.2
40	23		23	40
		722.23		

Lt. 2 Rt

754.0 753.0 751.9 749.6 748.4

3.4 3.4 4.5 6.8 8.0
40 23 40

752.9 751.2 748.2 747.6 746.1 745.4 743.8 741.2

3.5 5.2 8.2 8.8 10.3 11.0 12.6 15.2
40 23 5 7 20 23 40

756.36

746.2 746.2 745.3 743.2 739.8 731.9

0.2 0.2 1.1 3.2 7.6 14.5
40 23 15 23 40

745

126+04.06 E.C.

+50

07 HUB

TP	10.67	756.36	0.67	745.69	127+80.54 E.C. 745.75

125

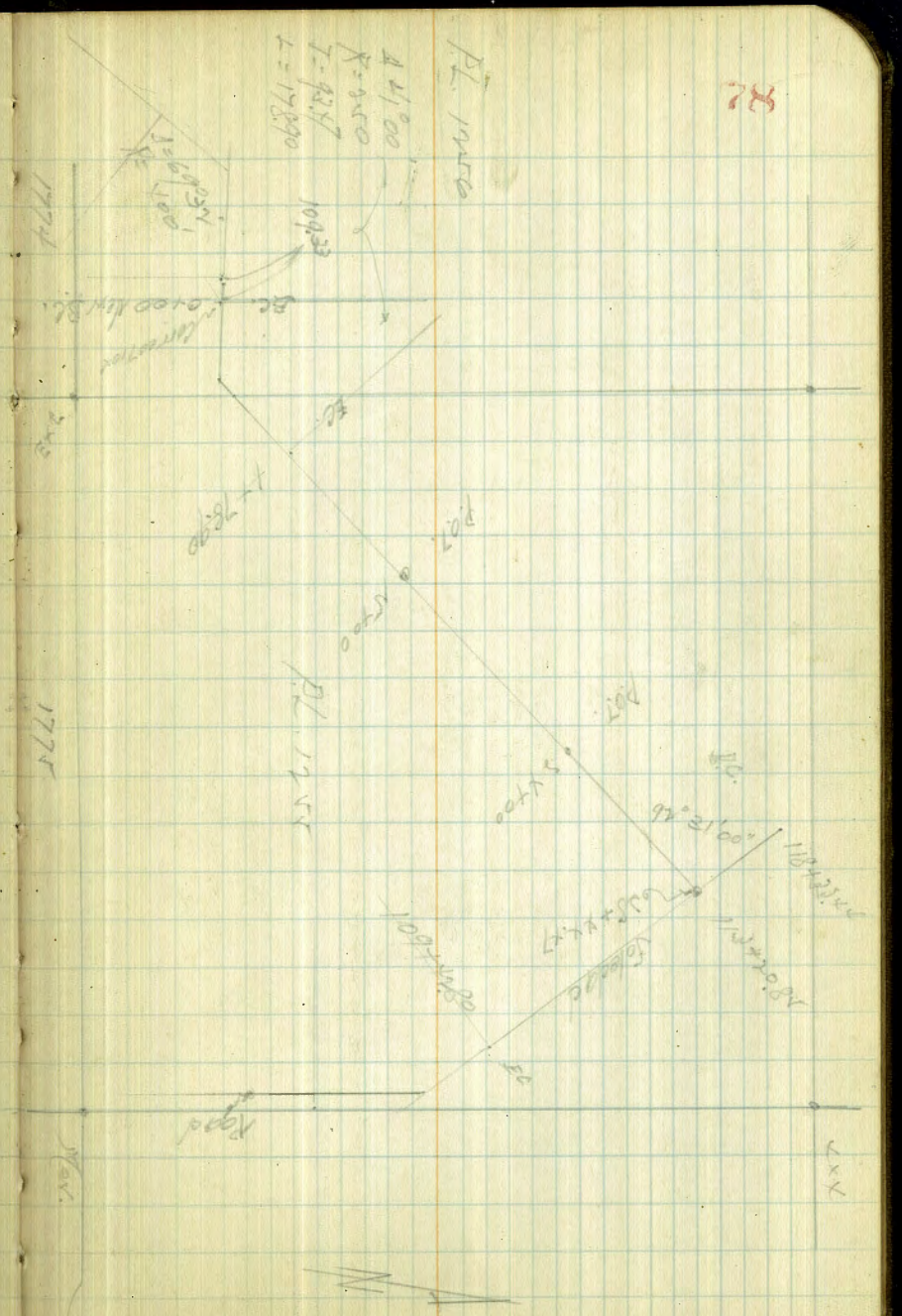
746.36

indexed
C.S.K.

Moore
11/24/30

Proposed ℄ of R.O.W. of the
Ext. of El Camino del Tesoro
thru Plat 12455 to connection with
Soledad Rd.

Line thru PL 12456 by JR Comly 3/30



ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.

59.67
16.51
43.16

74.21
+ 7.83
82.04
- 4.90
77.14

13.28
+ 7.28
20.56
- 4.80
15.76

3.57
11.66
+ 9.65
21.31
- 4.80
16.51

196 x 2
392

354.03
- 18.72
335.31

661.53
10
715.53

10.40 x 563
5200
6240
3120
5855.20

335.31
276.76

323.41
17.24
306.17

.34

77.48
.34
77.14

306.17
63.64
242.53

285.66
3.57
282.09

77.78
4.90
82.38
- 7.83
74.55

77.52
73.82
3.70

77.78
- 3.57
74.21

BM. 5