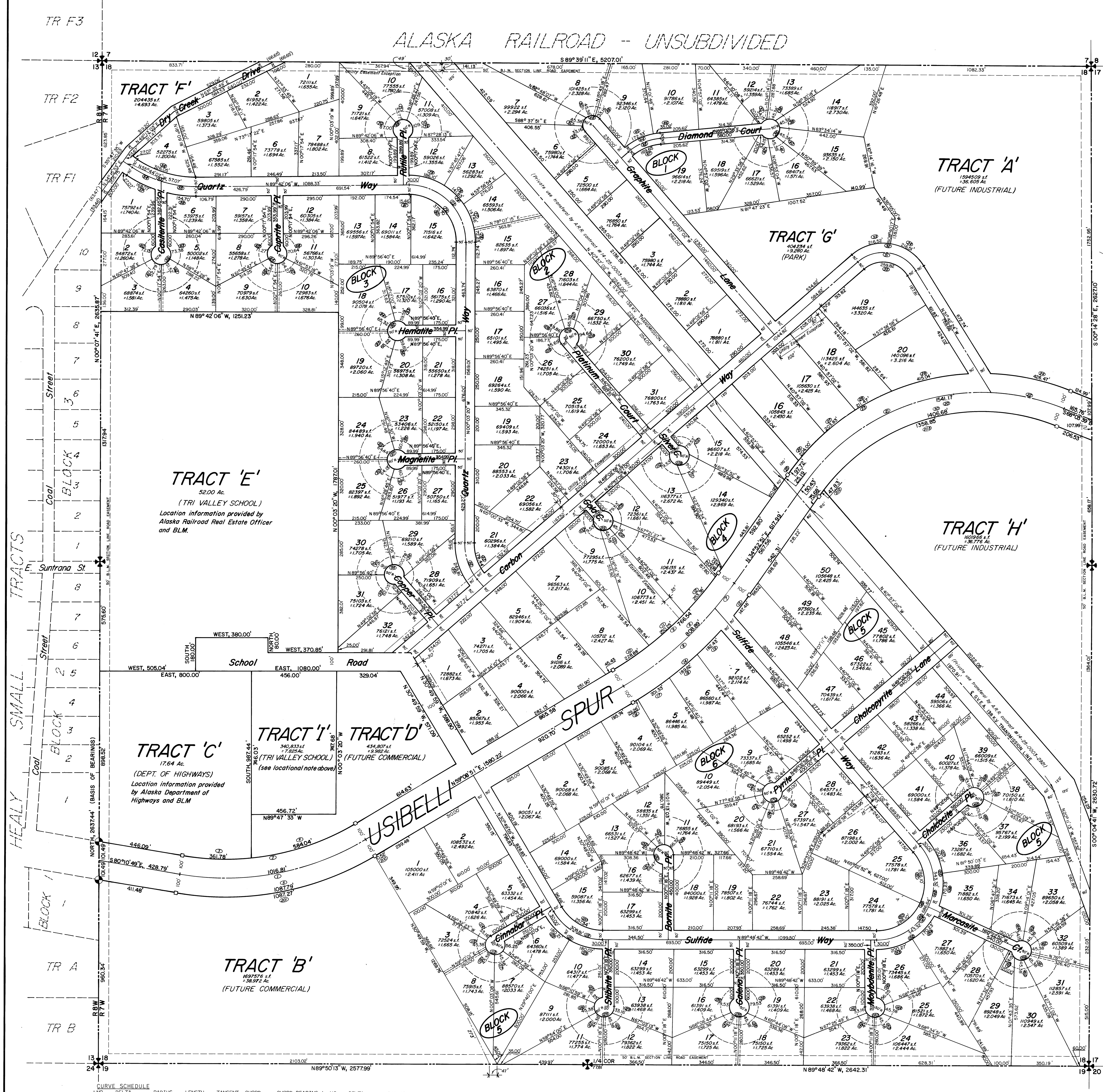
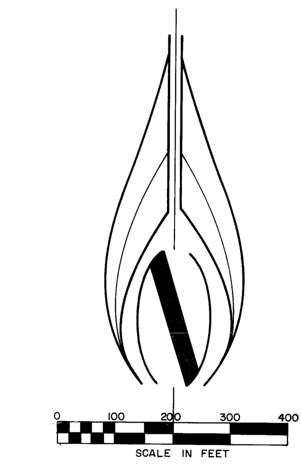
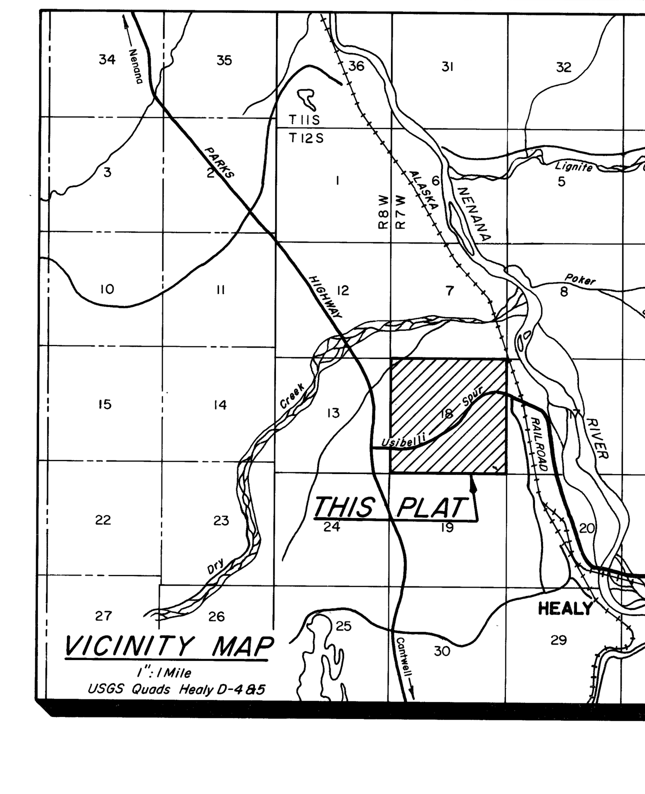
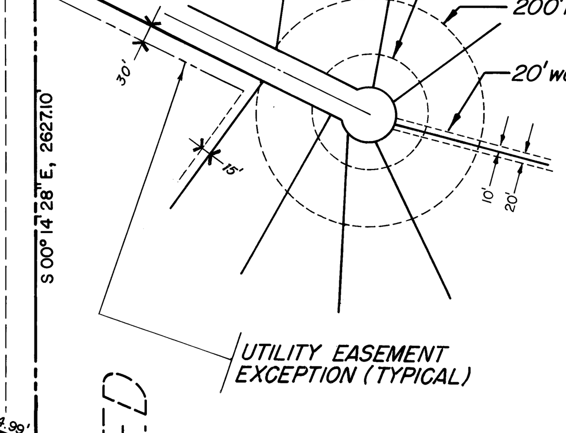
TRI VALLEY SUB. 78-9
PTN. SEC. 18 T12S R7W FM
9-26-78







EASEMENT DETAIL



CERTIFICATE OF OWNERSHIP AND USE INTEREST AND DEDICATION

We hereby certify that we are the owners, lessors and lessees of the property shown and described hereon and that we hereby adopt this plat of subdivision with our free consent, and dedicate all streets, highways, walks, parks, easements, and other open spaces to public use as shown on this plat. Dedication shall terminate October 31, 2032.

Date 9/22, 1978 — Date 9/18, 1978

Joseph E. Usibelli — Thomas C. Fuglestad

President Usibelli Coal Mine Inc. — CHIEF ENGINEER ARR

NOTARY'S ACKNOWLEDGEMENT

Subscribed and sworn to before me this 22 day of September, 1978.

[signature]
Notary for Alaska

9/8/79
My Commission expires:

NOTARY'S ACKNOWLEDGEMENT

Subscribed and sworn to before me this 18 day of September, 1978.

Patricia D. Korems
Notary for Alaska

March 26, 1979
My Commission expires:

NOTES

1. A 15 foot easement is reserved each side of all lot lines for installation and maintenance of electrical, telephone, and other utilities except as noted on plat.
2. Maximum utilization of residential lots is limited to one family residence per acre of actual lot area.
3. At the time of filing, this plat is located outside of any organized Borough, and therefore no taxes are assessed against the property.

SURVEYOR'S CERTIFICATE

I hereby certify that I am a Registered Professional Land Surveyor and that this plat represents the survey made by me or under my direct supervision, and that the monuments shown thereon actually exist as located.
Dated Aug. 30, 1978.

STATE OF ALASKA 49TH — Dan Renshaw NO. 3184-S — REGISTERED PROFESSIONAL LAND SURVEYOR

seal

WATER SUPPLY AND SEWAGE DISPOSAL

This subdivision, at the time of filing, is not served by public water and/or sewage facilities. No on-site water supply and/or sewage disposal system may be constructed without prior approval of the Alaska Department of Environmental Conservation.

LEGEND

- = G.L.O. brass capped monument
- = A.D.L. brass capped monument
- = Alaska Department of Highways concrete pillar with brass plug R.O.W. marker.
- = All property corners are of No. 5 rebar.
- ----= Utility Easement Exception, Dimensions As Noted.

78-9
RECORDED - FILED 12.40
NENANA REC. DIST.
DATE 9-26 1978
TIME 9:30 A M
Requested by Usibelli Coal Mine Inc.
Address Pouch 1
Usibelli, AK. 99787

CURVE SCHEDULE

NO.	DELTA	RADIUS	LENGTH	TANGENT	CHORD	CHORD BEARING
1	40°40'20"	1432.40'	1016.81'	530.89'	995.59'	N79°29'01" E
2	40°40'20"	1332.40'	945.82'	493.82'	926.09'	N79°29'01" E
3	15°33'26"	1332.40'	361.78'	182.01'	360.67'	N92°02'28" E
4	25°06'54"	1332.40'	584.04'	296.79'	579.38'	N71°42'18" E
5	40°40'20"	1532.40'	1087.79'	567.95'	1065.10'	N79°29'01" E
6	24°16'00"	1909.86'	808.89'	410.60'	802.86'	N47°00'51" E
7	05°11'55"	1909.86'	173.29'	86.70'	173.23'	N37°28'48" E
8	19°04'05"	1909.86'	635.60'	320.77'	632.67'	N49°36'48" E
9	24°16'00"	1809.86'	766.54'	389.10'	760.82'	N47°00'51" E
10	07°14'45"	1809.86'	228.88'	114.59'	228.73'	N55°31'28" E
11	07°55'20"	1809.86'	250.25'	125.32'	250.05'	N47°56'26" E
12	08°01'17"	1809.86'	253.38'	126.90'	253.17'	N39°58'07" E
13	01°04'38"	1809.86'	34.03'	17.01'	34.03'	N35°25'10" E
14	17°10'47"	2009.86'	602.64'	303.60'	600.39'	N50°33'28" E
15	04°12'15"	2009.86'	147.48'	73.77'	147.44'	N36°58'58" E
16	00°50'03"	2009.86'	29.26'	14.63'	29.26'	N58°43'49" E
17	05°44'22"	2009.86'	201.33'	100.75'	201.25'	N55°26'37" E
18	05°24'20"	2009.86'	189.62'	94.88'	189.55'	N49°52'16" E
19	05°12'02"	2009.86'	182.43'	91.28'	182.37'	N44°34'05" E
20	77°03'30"	1145.92'	1541.17'	912.46'	1427.61'	N73°24'36" E
21	57°48'26"	1145.92'	1156.15'	632.67'	1107.73'	N63°47'04" E
22	19°15'04"	1145.92'	385.02'	194.34'	383.21'	N77°41'11" W
23	52°03'36"	1245.92'	1132.06'	608.48'	1093.52'	N60°54'39" E
24	19°36'43"	1245.92'	426.47'	215.34'	424.39'	N77°52'01" W
25	04°29'37"	1245.92'	97.72'	48.88'	97.69'	N37°07'40" E
26	09°22'53"	1245.92'	204.00'	102.23'	203.77'	N44°03'55" E
27	09°22'24"	1245.92'	203.83'	102.14'	203.60'	N53°26'33" E
28	09°43'30"	1245.92'	211.47'	105.99'	211.22'	N62°59'30" E
29	19°05'12"	1245.92'	415.04'	209.46'	413.13'	N77°23'51" E
30	77°03'30"	1045.92'	1406.68'	832.83'	1303.03'	N73°24'36" E
31	99°14'38"	200.00'	346.43'	235.18'	304.71'	N81°19'43" W
32	99°14'38"	250.00'	433.03'	293.98'	380.89'	N81°19'43" W
33	49°37'19"	250.00'	216.52'	115.57'	209.81'	N73°51'38" E
34	49°37'19"	250.00'	216.51'	115.57'	209.81'	N56°31'03" W
35	99°14'38"	150.00'	259.82'	176.39'	228.54'	N81°19'43" W
36	286°15'36"	50.00'	249.82'			
37	39°07'48"	50.00'	34.15'	17.77'	33.49'	N51°29'04" E
38	52°00'00"	50.00'	45.38'	24.39'	43.84'	N82°57'02" W
39	52°00'00"	50.00'	45.38'	24.39'	43.84'	N30°57'02" W
40	52°00'00"	50.00'	45.38'	24.39'	43.84'	N21°02'58" E
41	52°00'00"	50.00'	45.38'	24.39'	43.84'	N73°02'58" E
42	39°07'48"	50.00'	34.15'	17.77'	33.49'	N61°23'08" E
43	36°00'00"	300.00'	188.50'	97.48'	185.41'	N67°02'58" E
44	36°00'00"	330.00'	207.35'	107.22'	203.95'	N67°02'58" E
45	29°55'13"	330.00'	172.33'	88.18'	170.38'	N64°00'35" E
46	06°04'47"	330.00'	35.02'	17.52'	35.00'	N82°00'35" E
47	36°00'00"	270.00'	169.65'	87.73'	166.87'	N67°02'58" E
48	180°00'00"	50.00'	157.08'			
49	38°00'00"	50.00'	33.16'	17.22'	32.56'	N59°57'02" W
50	52°00'00"	50.00'	45.38'	24.39'	43.84'	N75°02'58" E
51	52°00'00"	50.00'	45.38'	24.39'	43.84'	N23°02'58" E
52	38°00'00"	50.00'	33.16'	17.22'	32.56'	N21°57'02" W
53	33°57'59"	600.00'	355.70'	183.25'	350.51'	N72°43'07" W
54	16°11'01"	600.00'	169.47'	85.31'	168.91'	N63°49'37" W
55	17°46'58"	600.00'	186.23'	93.87'	185.47'	N80°48'37" W
56	33°57'59"	550.00'	326.05'	167.98'	321.30'	N72°43'07" W
57	14°48'53"	650.00'	168.07'	84.51'	167.60'	N63°08'34" W
58	13°38'12"	650.00'	154.70'	77.72'	154.34'	N82°17'39" W
59	286°15'36"	50.00'	249.82'			
60	82°38'04"	50.00'	72.13'	43.95'	66.02'	N12°06'40" E
61	60°29'44"	50.00'	52.79'	29.16'	50.37'	N59°27'14" W
62	59°02'22"	50.00'	51.52'	28.31'	49.27'	N60°46'43" E
63	84°05'26"	50.00'	73.38'	45.09'	66.97'	N10°47'11" W
64	286°15'36"	50.00'	249.82'			
65	81°39'55"	50.00'	71.27'	43.21'	65.39'	N12°35'44" E
66	61°27'53"	50.00'	53.64'	29.73'	51.10'	N58°58'09" W
67	62°11'12"	50.00'	54.27'	30.15'	51.64'	N59°12'18" E
68	80°56'36"	50.00'	70.64'	42.66'	64.91'	N12°21'36" W
69	286°15'36"	50.00'	249.82'			
70	99°41'35"	50.00'	87.00'	59.26'	76.43'	N02°59'07" W
71	61°36'46"	50.00'	53.77'	29.81'	51.21'	N77°40'04" E
72	124°57'15"	50.00'	109.05'	95.96'	88.68'	N09°02'55" W
73	89°38'46"	300.00'	469.39'	298.15'	422.95'	N44°52'43" W
74	89°38'46"	350.00'	547.62'	347.84'	493.44'	N44°52'43" W
75	30°27'53"	350.00'	186.10'	95.31'	183.91'	N74°28'09" W
76	23°13'07"	350.00'	141.83'	71.90'	140.87'	N47°37'39" W
77	24°08'21"	350.00'	147.46'	74.84'	146.37'	N23°56'56" W
78	11°49'25"	350.00'	72.23'	36.24'	72.10'	N05°58'02" W
79	89°38'46"	250.00'	391.16'	248.46'	352.46'	N44°52'43" W
80	86°06'07"	250.00'	375.70'	233.54'	341.32'	N43°06'24" W
81	03°32'39"	250.00'	15.46'	7.73'	15.46'	N87°55'45" W
82	286°15'36"	50.00'	249.82'			
83	68°16'28"	50.00'	59.59'	33.90'	56.12'	N71°03'46" W
84	74°51'20"	50.00'	65.32'	38.27'	60.78'	N37°22'20" E
85	74°43'51"	50.00'	65.22'	38.18'	60.69'	N37°25'16" W
86	68°23'57"	50.00'	59.69'	33.98'	56.21'	N71°00'51" E
87	286°15'36"	50.00'	249.82'			
88	69°16'58"	50.00'	60.46'	34.55'	56.84'	N71°34'01" W
89	73°50'50"	50.00'	64.44'	37.57'	60.08'	N36°52'05" E
90	73°27'55"	50.00'	64.13'	37.31'	59.81'	N36°47'18" W
91	69°39'53"	50.00'	60.79'	34.79'	57.12'	N71°38'49" E
92	40°53'42"	300.00'	214.13'	111.85'	209.61'	N20°30'11" W
93	40°53'42"	250.00'	178.44'	93.21'	174.67'	N20°30'11" W
94	40°53'42"	350.00'	249.81'	130.49'	244.54'	N20°30'11" W
95	286°15'36"	50.00'	249.82'			
96	115°27'52"	50.00'	100.78'	79.19'	84.56'	N45°33'10" W
97	76°46'14"	50.00'	66.99'	39.61'	62.09'	N38°19'47" E
98	94°01'30"	50.00'	82.05'	53.64'	73.15'	N47°04'05" W
99	286°15'36"	50.00'	249.82'			
100	91°07'48"	50.00'	79.53'	51.00'	71.40'	N33°23'08" W
101	52°00'00"	50.00'	45.38'	24.39'	43.84'	N75°02'58" E
102	52°00'00"	50.00'	45.38'	24.39'	43.84'	N23°02'58" E
103	91°07'48"	50.00'	79.53'	51.00'	71.40'	N48°30'56" W
104	258°27'47"	50.00'	225.55'			
105	40°53'42"	50.00'	35.69'	18.64'	34.93'	N20°30'11" W
106	57°07'52"	50.00'	49.86'	27.22'	47.82'	N28°30'36" E
107	52°00'00"	50.00'	45.38'	24.39'	43.84'	N83°04'32" E
108	108°26'13"	50.00'	94.64'	69.37'	81.13'	N16°42'22" W
109	286°15'36"	50.00'	249.82'			
110	91°07'48"	50.00'	79.53'	51.00'	71.40'	N33°23'08" W
111	104°00'00"	50.00'	90.76'	64.00'	78.80'	N49°02'58" E
112	91°07'48"	50.00'	79.53'	51.00'	71.40'	N48°30'56" W
113	258°27'47"	50.00'	225.55'			
114	38°00'00"	50.00'	33.16'	17.22'	32.56'	N40°10'01" E
115	52°00'00"	50.00'	45.38'	24.39'	43.84'	N04°49'59" W
116	52°00'00"	50.00'	45.38'	24.39'	43.84'	N56°49'59" W
117	52°00'00"	50.00'	45.38'	24.39'	43.84'	N71°10'01" E
118	52°00'00"	50.00'	45.38'	24.39'	43.84'	N12°56'08" E
119	58°58'43"	300.00'	308.81'	169.66'	295.36'	N60°19'20" W
120	58°58'43"	250.00'	257.34'	141.38'	246.13'	N60°19'20" W
121	58°58'43"	350.00'	360.28'	197.93'	344.58'	N60°19'20" W
122	29°30'01"	350.00'	180.21'	92.15'	178.22'	N45°34'59" W
123	29°28'42"	350.00'	180.07'	92.08'	178.09'	N75°04'21" W
124	258°27'47"	50.00'	225.55'			
125	64°27'47"	50.00'	56.25'	31.53'	53.33'	N46°19'01" E
126	52°00'00"	50.00'	45.38'	24.39'	43.84'	N11°48'42" W
127	52°00'00"	50.00'	45.38'	24.39'	43.84'	N63°48'42" W
128	52°00'00"	50.00'	45.38'	24.39'	43.84'	N64°11'18" E
129	38°00'00"	50.00'	33.16'	17.22'	32.56'	N19°11'18" E
130	256°27'47"	50.00'	225.55'			
131	78°27'47"	50.00'	68.47'	40.82'	63.25'	N39°02'35" W
132	52°00'00"	50.00'	45.38'	24.39'	43.84'	N26°11'18" E
133	52°00'00"	50.00'	45.38'	24.39'	43.84'	N78°11'18" E
134	76°00'00"	50.00'	66.32'	39.06'	61.57'	N37°48'42" W
135	286°15'36"	50.00'	249.82'			
136	91°07'48"	50.00'	79.53'	51.00'	71.40'	N07°45'12" E
137	52°00'00"	50.00'	45.38'	24.39'	43.84'	N63°48'42" W
138	52°00'00"	50.00'	45.38'	24.39'	43.84'	N64°11'18" E
139	91°07'48"	50.00'	79.53'	51.00'	71.40'	N07°22'36" W
140	258°27'47"	50.00'	225.55'			
141	38°00'00"	50.00'	33.16'	17.22'	32.56'	N18°48'42" W
142	52°00'00"	50.00'	45.38'	24.39'	43.84'	N63°48'42" W
143	52°00'00"	50.00'	45.38'	24.39'	43.84'	N64°11'18" E
144	52°00'00"	50.00'	45.38'	24.39'	43.84'	N12°11'18" E
145	64°27'47"	50.00'	56.25'	31.53'	53.33'	N46°02'35" W
146	131°08'20"	300.00'	686.64'	660.41'	546.28'	N24°37'08" E
147	65°34'10"	300.00'	343.32'	193.22'	324.89'	N57°24'13" E
148	65°34'10"	300.00'	343.32'	193.22'	324.89'	N08°09'57" W
149	131°08'20"	250.00'	572.20'	550.34'	455.23'	N24°37'08" E
150	65°34'10"	250.00'	286.10'	161.02'	270.74'	N57°24'13" E
151	65°34'10"	250.00'	286.10'	161.02'	270.74'	N08°09'57" W
152	60°39'08"	350.00'	370.50'	204.74'	353.44'	N59°51'44" E
153	32°47'05"	350.00'	200.27'	102.96'	197.55'	N73°47'46" E
154	27°52'03"	350.00'	170.23'	86.84'	168.56'	N43°28'12" E
155	60°39'08"	350.00'	370.50'	204.74'	353.44'	N10°37'28" W
156	27°52'03"	350.00'	170.23'	86.84'	168.56'	N05°46'05" E
157	32°47'05"	350.00'	200.27'	102.96'	197.55'	N24°33'30" W
158	286°15'36"	50.00'	249.82'			
159	39°07'48"	50.00'	34.15'	17.77'	33.49'	N31°48'58" W
160	52°00'00"	50.00'	45.38'	24.39'	43.84'	N77°22'52" W
161	52°00'00"	50.00'	45.38'	24.39'	43.84'	N50°37'08" E
162	52°00'00"	50.00'	45.38'	24.39'	43.84'	N01°22'52" W
163	52°00'00"	50.00'	45.38'	24.39'	43.84'	N53°22'52" W
164	39°07'48"	50.00'	34.15'	17.77'	33.49'	N81°03'14" E
165	258°27'47"	50.00'	225.55'			
166	116°27'47"	50.00'	101.63'	80.74'	85.02'	N69°16'52" E
167	52°00'00"	50.00'	45.38'	24.39'	43.84'	N14°57'02" W
168	52°00'00"	50.00'	45.38'	24.39'	43.84'	N66°57'02" W
169	38°00'00"	50.00'	33.16'	17.22'	32.56'	N68°02'58" E
170	286°15'36"	50.00'	249.82'			
171	65°07'48"	50.00'	56.84'	31.93'	53.83'	N69°36'52" E
172	52°00'00"	50.00'	45.38'	24.39'	43.84'	N11°02'58" E
173	52°00'00"	50.00'	45.38'	24.39'	43.84'	N40°57'02" W
174	52°00'00"	50.00'	45.38'	24.39'	43.84'	N87°02'58" E
175	65°07'48"	50.00'	56.84'	31.93'	53.83'	N28°29'04" E
200	00°01'10"	1532.40'	0.52'	0.26'	0.52'	N59°09'01" E
201	40°39'10"	1532.40'	1087.27'	567.65'	1064.61'	N79°29'36" E
202	02°37'13"	1045.92'	47.83'	23.92'	47.83'	N36°11'27" E
203	74°26'17"	1045.92'	1358.85'	794.44'	1265.27'	N74°43'13" E

PLAT OF TRI VALLEY SUBDIVISION

A SUBDIVISION OF SEC. 18, T12S, R7W, F.M., AK.
COMPRISING 630.806 ACRES MORE OR LESS

PREPARED BY

RENSHAW ENGINEERING

519 W. 8th AVE. #209, ANCHORAGE, AK.

Date November 25, 1977 — Scale 1": 200'
Drawn servA drafting — Sheet 1 of 1