

NOTES

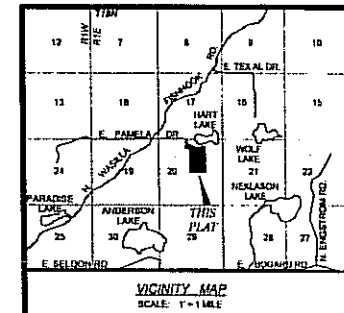
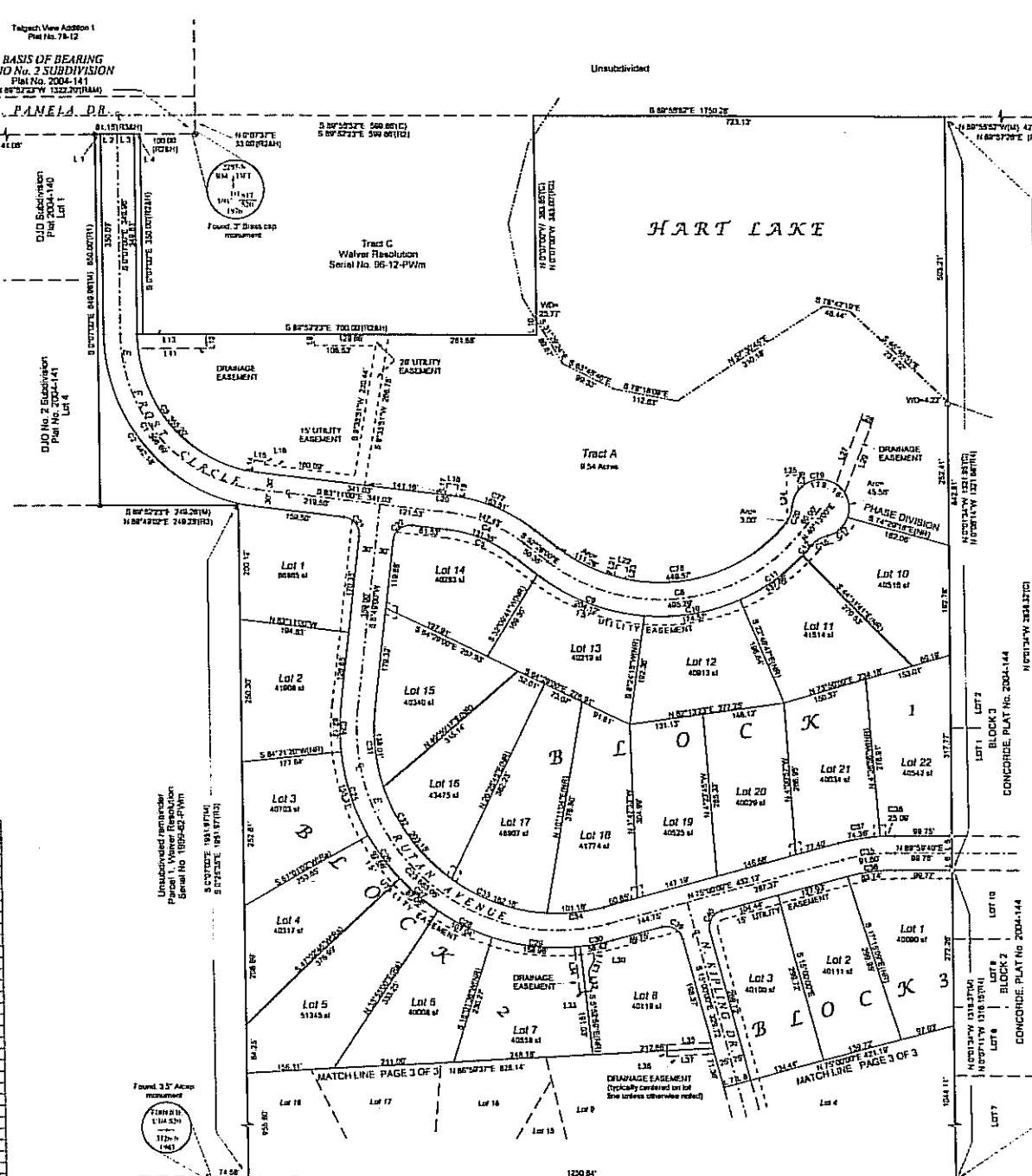
1. THERE MAY BE FEDERAL, STATE AND LOCAL REQUIREMENTS CONCERNING LAND USE. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL PARCEL OWNER TO OBTAIN A DETERMINATION WHETHER SUCH REQUIREMENTS APPLY TO THE DEVELOPMENT OF THE PARCELS SHOWN HEREON.
2. NO INDIVIDUAL WATER SUPPLY SYSTEM OR SEWAGE DISPOSAL SYSTEM SHALL BE PERMITTED ON ANY LOT UNLESS SUCH SYSTEM IS LOCATED, CONSTRUCTED AND EQUIPPED IN ACCORDANCE WITH THE REQUIREMENTS, STANDARDS AND RECOMMENDATIONS OF THE STATE OF ALASKA, DEPARTMENT OF ENVIRONMENTAL CONSERVATION, WHICH GOVERNS THESE SYSTEMS.
3. WHERE APPLICABLE, THE SIDE LOT LINES OF LOTS 4-9, BLOCK 1 SHALL EXTEND OR RETRACT SO AS TO INTERSECT THE ORDINARY WATERWAY OF HART LAKE.
4. LOTS 1, 2, 3, 4, 7, 8 AND 9, BLOCK 1 ARE SUBJECT TO A HIGH GROUND WATER TABLE.
5. THE TEMPORARY TURNAROUND DEPICTED ON SHEET 3 OF 3 IS CENTERED ON THE NORTH POINT OF CURVATURE OF CURVE 14, HAS A RADIUS OF FIFTY FEET, AND SHALL BE AUTOMATICALLY TERMINATED UPON THE EXTENSION OF N. SANDWICH DRIVE.

LINE TABLE

Line	Bearing	Distance	Line	Bearing	Distance
L1	S 88°52'22"E	10.57	L20	N 78°51'35"W	10.00
L2	S 88°52'22"E	30.00	L21	N 17°21'30"E	20.54
L3	S 88°52'22"E	30.00	L22	S 75°10'00"E	20.91
L4	S 88°52'22"E	10.54	L23	S 12°31'30"W	20.00
L5	S 88°52'22"E	30.00	L24	N 8°01'30"E	81.40
L6	S 88°52'22"E	30.00	L25	N 88°00'00"E	20.00
L7	N 73°00'00"E	20.00	L26	S 0°01'00"W	27.30
L8	N 73°00'00"E	20.00	L27	N 23°24'24"E	121.50
L9	N 80°01'30"E	20.00	L28	S 64°18'13"E	20.00
L10	N 23°00'00"W	25.77	L29	S 21°42'47"W	150.00
L11	S 88°52'22"E	124.16	L30	S 14°47'03"E	78.82
L12	N 00°01'30"E	25.00	L31	S 28°23'42"W	21.86
L13	N 88°52'22"W	125.58	L32	S 8°53'50"E	35.80
L14	N 8°48'40"E	18.86	L33	S 0°01'00"W	20.00
L15	S 67°31'56"E	20.01	L34	N 5°52'36"W	80.00
L16	S 8°48'40"W	5.00	L35	S 88°53'37"W	80.00
L17	N 11°48'00"E	70.00	L36	S 3°00'25"E	20.00
L18	S 83°11'30"E	20.00	L37	N 88°53'37"E	84.25
L19	S 11°28'03"W	20.16			

CURVE TABLE

Curve	Delta Angle	Radius	Arc	Tangent	Chord	Chord Bearing
1	83°04'00"	275.00	308.68	243.58	384.84	S 41°34'00"E
2	83°04'00"	300.00	442.18	270.16	404.46	S 41°34'00"E
3	83°04'00"	248.00	336.20	217.01	324.80	S 41°34'00"E
4	30°43'00"	275.00	147.43	75.52	143.57	S 87°49'30"E
5	30°43'00"	248.00	131.25	67.29	125.73	S 87°49'30"E
6	87°18'00"	325.00	486.29	310.12	448.73	N 83°32'30"E
7	32°56'41"	355.00	224.12	104.87	201.32	S 68°56'30"E
8	28°10'21"	344.00	174.57	88.08	172.82	N 80°30'04"E
9	22°13'02"	338.00	137.86	68.70	136.86	N 53°01'17"E
10	10°24'40"	333.00	54.86	12.33	54.45	N 42°12'22"E
11	26°57'42"	30.00	32.18	15.87	31.62	N 58°38'30"E
12	57°36'22"	30.00	50.27	27.48	48.18	N 48°17'01"E
13	36°52'13"	30.00	32.18	15.87	31.62	S 21°48'55"W
14	80°30'00"	30.00	47.12	30.00	42.43	S 38°11'00"E
15	80°30'00"	30.00	47.12	30.00	42.43	N 51°49'00"E
16	11°14'00"	250.00	482.06	812.11	378.70	S 88°52'30"E
17	12°22'55"	380.00	62.12	41.27	81.96	S 89°37'22"W
18	23°25'00"	380.00	155.31	78.75	154.23	S 17°15'27"E
19	12°36'18"	380.00	82.86	48.84	82.43	S 35°54'00"E
20	13°07'45"	380.00	87.08	43.73	86.88	S 49°31'07"E
21	18°08'22"	380.00	107.04	53.86	108.89	S 59°04'12"E
22	22°38'00"	380.00	134.36	67.89	137.80	S 67°17'25"E
23	8°42'44"	380.00	58.45	29.27	56.37	N 78°24'17"E
24	24°42'41"	320.00	138.01	70.15	136.85	S 6°52'20"E
25	36°22'29"	320.00	203.15	103.13	199.78	S 38°54'55"E
26	32°37'10"	320.00	182.18	83.63	179.73	S 70°34'43"E
27	18°08'22"	380.00	107.04	53.86	108.89	N 51°49'00"E
28	14°56'40"	380.00	81.89	40.36	81.33	N 82°28'50"E
29	14°39'40"	320.00	63.74	32.31	63.51	N 82°28'50"E
30	11°12'43"	380.00	74.38	37.30	74.24	N 80°36'22"E
31	3°48'57"	380.00	26.08	12.55	25.08	N 88°08'17"E
32	86°00'00"	30.00	47.12	30.00	42.43	S 80°30'00"E
33	86°00'00"	30.00	47.12	30.00	42.43	N 30°30'00"E
34	32°43'00"	320.00	183.51	83.77	181.58	S 67°48'32"E
35	87°18'00"	295.00	448.57	281.50	407.31	N 80°53'30"E
36	18°08'00"	50.00	171.16	84.80	89.01	S 78°35'11"E



- ### LEGEND
- Found 5/8\" radius
 - Found 5/8\" radius & cap 1.5-1.722
 - Found 5/8\" radius & cap 1.5-1.722
 - Found primary monument as noted
 - ⊥ Set 5/8\" x 3/8\" radius & cap 1.5-1.722
 - (M) Measured dimension
 - (C) Computed dimension
 - (D) Record dimension (not)
 - (WD) Witness distance
 - (Rd) Radial
 - (NR) Non-radial
 - (R1) Record dimension per (L1) No. 2 Subdivision, Plat No. 2004-141, Palmer Recording District, Third Judicial District, State of Alaska
 - (R2) Record dimension per Water Resolution Serial No. 98-12 P.W.M., Book 028, Page 306-311, Palmer Recording District, Third Judicial District, State of Alaska
 - (R3) Record dimension per Water Resolution Serial No. 100-87 P.W.M., Book 104, Page 625-628, Palmer Recording District, Third Judicial District, State of Alaska
 - (R4) Record dimension per Concordance, Plat No. 2004-144, Palmer Recording District, Third Judicial District, State of Alaska
 - ⊥ 20x20\" Paved utility easement (typical unless otherwise noted)

SCALE BAR

0 FEET 100 200 300

JOHN SHADRACH, P.L.S.
professional land surveyor

P.L.S. No. 871467
Washburn, Alaska 99687
(907) 578-2285

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA, THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE INSTRUMENTS SHOWN HEREON ACTUALLY EXIST AS DESCRIBED, AND THAT ALL DIMENSIONS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

John Shadrach
REGISTERED LAND SURVEYOR 8120

8/2/05

**A PLAT OF
HART LAKE ESTATES
PHASE 1**

A SUBDIVISION OF
PARCEL No. 2 WATER RESOLUTION
SERIAL No. 1998-82 P.W.M.
BOOK 104, PAGE 628
LOCATED WITHIN
N1/2 SEC. 20, T19N, R1E, SEWARD MERIDIAN
CONTAINING 73.53 ACRES, MORE OR LESS

PALMER RECORDING DISTRICT,
THIRD JUDICIAL DISTRICT,
STATE OF ALASKA

DRAWN BY: JS FIELD BOOK: PROJECT:
DATE: JULY 28, 2005 04-17 HART LAKE
CHECKED: RS DRAWING SCALE: SHEET:
1\"/>

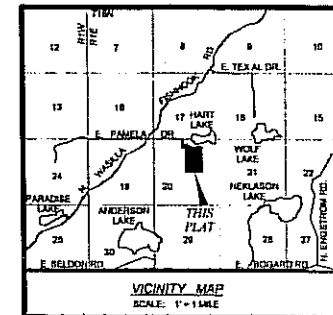
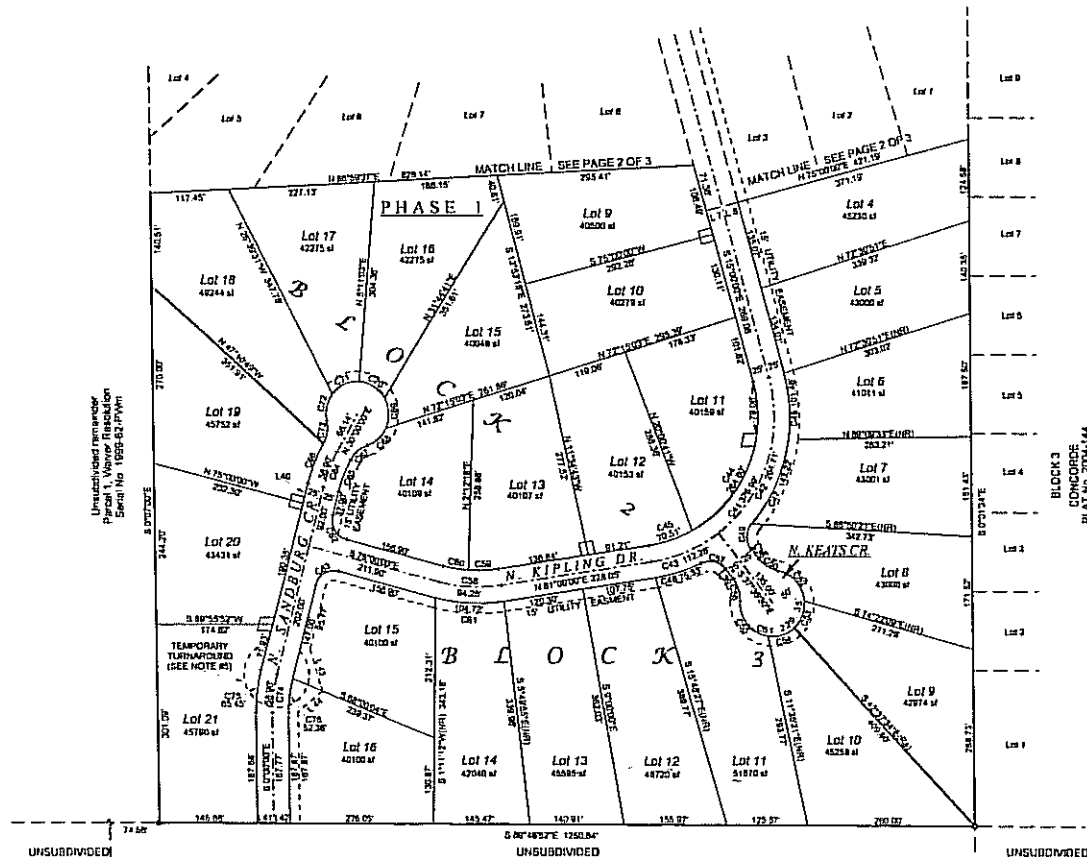
Palmer 2005-110

LINE TABLE

Line	Bearing	Distance
1	N 75°00'00"E	25.00'
2	N 75°00'00"E	25.00'
3	N 75°00'00"E	25.00'
4	S 37°33'30"E	18.31'
5	S 37°33'30"E	18.31'
6	N 15°00'00"E	31.72'
7	S 82°47'54"E	25.00'
8	S 82°47'54"E	25.00'
9	S 82°47'54"E	25.00'
10	S 82°47'54"E	25.00'
11	S 82°47'54"E	25.00'
12	S 82°47'54"E	25.00'
13	S 82°47'54"E	25.00'
14	S 47°07'45"W	30.48'

CURVE TABLE

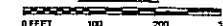
Curve	Delta Angle	Radius	Arc	Tangent	Chord	Chord Bearing
1	20°15'00"	224.17	218.88	218.88	218.88	S 21°15'00"W
2	57°21'30"	224.17	218.88	218.88	218.88	S 18°43'15"W
3	28°33'30"	224.17	112.28	57.33	111.12	S 88°47'15"W
4	73°48'04"	200.00	204.60	155.70	243.77	S 72°54'00"W
5	30°11'56"	200.00	70.51	35.25	70.14	S 10°34'15"W
6	27°11'22"	250.00	101.18	51.45	102.78	S 22°11'55"E
7	32°48'22"	250.00	143.22	71.61	141.27	S 24°40'08"W
8	17°18'18"	250.00	73.33	37.85	75.04	S 17°27'08"W
9	18°40'18"	250.00	41.18	21.58	38.03	S 17°44'38"W
10	41°2'28"	50.00	38.13	18.90	35.35	S 58°17'34"E
11	28°48'58"	50.00	229.35	0.00	75.00	S 52°24'30"W
12	71°4'42"	50.00	66.29	34.73	69.74	S 61°28'45"E
13	51°17'58"	50.00	45.00	24.13	41.50	S 61°18'37"W
14	51°17'58"	50.00	45.00	24.13	41.50	S 72°08'21"W
15	81°57'14"	50.00	74.07	45.72	87.48	N 18°37'11"W
16	41°2'28"	50.00	38.13	18.90	35.35	N 18°33'00"W
17	71°4'42"	50.00	66.29	34.73	69.74	N 28°33'00"W
18	21°05'00"	250.00	101.18	51.45	102.78	N 82°00'00"W
19	21°05'00"	250.00	101.18	51.45	102.78	N 82°00'00"W
20	12°18'00"	200.00	51.98	22.58	41.88	S 87°28'17"W
21	11°18'33"	200.00	38.80	18.46	34.74	N 80°13'27"W
22	21°05'00"	250.00	101.18	51.45	102.78	N 82°00'00"W
23	21°05'00"	250.00	101.18	51.45	102.78	N 82°00'00"W
24	12°18'00"	200.00	51.98	22.58	41.88	S 87°28'17"W
25	11°18'33"	200.00	38.80	18.46	34.74	N 80°13'27"W
26	41°2'28"	50.00	38.13	18.90	35.35	N 50°47'14"E
27	41°2'28"	50.00	38.13	18.90	35.35	N 50°47'14"E
28	87°14'42"	50.00	49.71	28.22	48.45	N 17°33'14"W
29	56°43'38"	50.00	49.71	28.22	48.45	N 57°37'15"W
30	48°38'13"	50.00	42.48	22.81	41.20	S 12°35'18"W
31	41°2'28"	50.00	38.13	18.90	35.35	S 8°17'22"W
32	15°30'00"	225.00	58.88	29.43	65.14	S 7°30'00"W
33	15°30'00"	225.00	58.88	29.43	65.14	S 7°30'00"W
34	15°30'00"	225.00	58.88	29.43	65.14	S 7°30'00"W
35	15°30'00"	225.00	58.88	29.43	65.14	S 7°30'00"W



LEGEND

- Found 5/8" rebar
- Found 5/8" rebar & cap 1.5-1.227
- Found 5/8" rebar & cap 7.000-8.107
- Found primary monument as noted
- Set 5/8" x 30" rebar & cap 1.5-1.227
- Measured dimension
- Computed dimension
- Record dimension held
- Witness distance
- Radial
- Non-radial
- Record dimension per LIO No. 2 Subdivision, Plat No. 2004-141, Palmer Recording District, Third Judicial District, State of Alaska
- Record dimension per Walker Resolution Serial No. 98-12-PWm, Book 0838, Pages 308-311, Palmer Recording District, Third Judicial District, State of Alaska
- Record dimension per Walker Resolution Serial No. 1999-42-PWm, Book 1048, Pages 825-828, Palmer Recording District, Third Judicial District, State of Alaska
- Record dimension per Condo, Plat No. 2004-144, Palmer Recording District, Third Judicial District, State of Alaska
- 20'x20' Picket utility easement (typical unless otherwise noted)

SCALE BAR

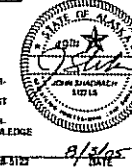


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A PLAT OF
HART LAKE ESTATES
PHASE I

A SUBDIVISION OF
PARCEL No. 2 WALKER RESOLUTION
SERIAL No. 1999-42-PWm,
BOOK 1048, PAGE 828
LOCATED WITHIN
N1/2 SEC. 20, T18N, R1E, SEWARD MERIDIAN
CONTAINING 73.53 ACRES, MORE OR LESS

PALMER RECORDING DISTRICT,
THIRD JUDICIAL DISTRICT,
STATE OF ALASKA

DRAWN BY: JS	FIELD BOOK: 04-17	PROJECT: HART LAKE
DATE: JULY 28, 2005	DRAWING SCALE: 1" = 100'	SHEET: 3 OF 3
CHECKED: JS		

2005-110
Palmer Recording District
Date: Aug 8, 2005
Time: 3:33 P.M.
Represented by: JSA

RECEIVED	
HART LAKE ESTATES	
A TOPOGRAPHIC MAP OF	
DATE: 10/1/2004	PROJECT: FIELD BOOK
DRAWN BY: JS	SCALE: 1" = 100'

JOHN SHADRACH, P.L.S.
 Professional Land Surveyor
 No. 10,000
 State of Michigan
 10/1/2004

