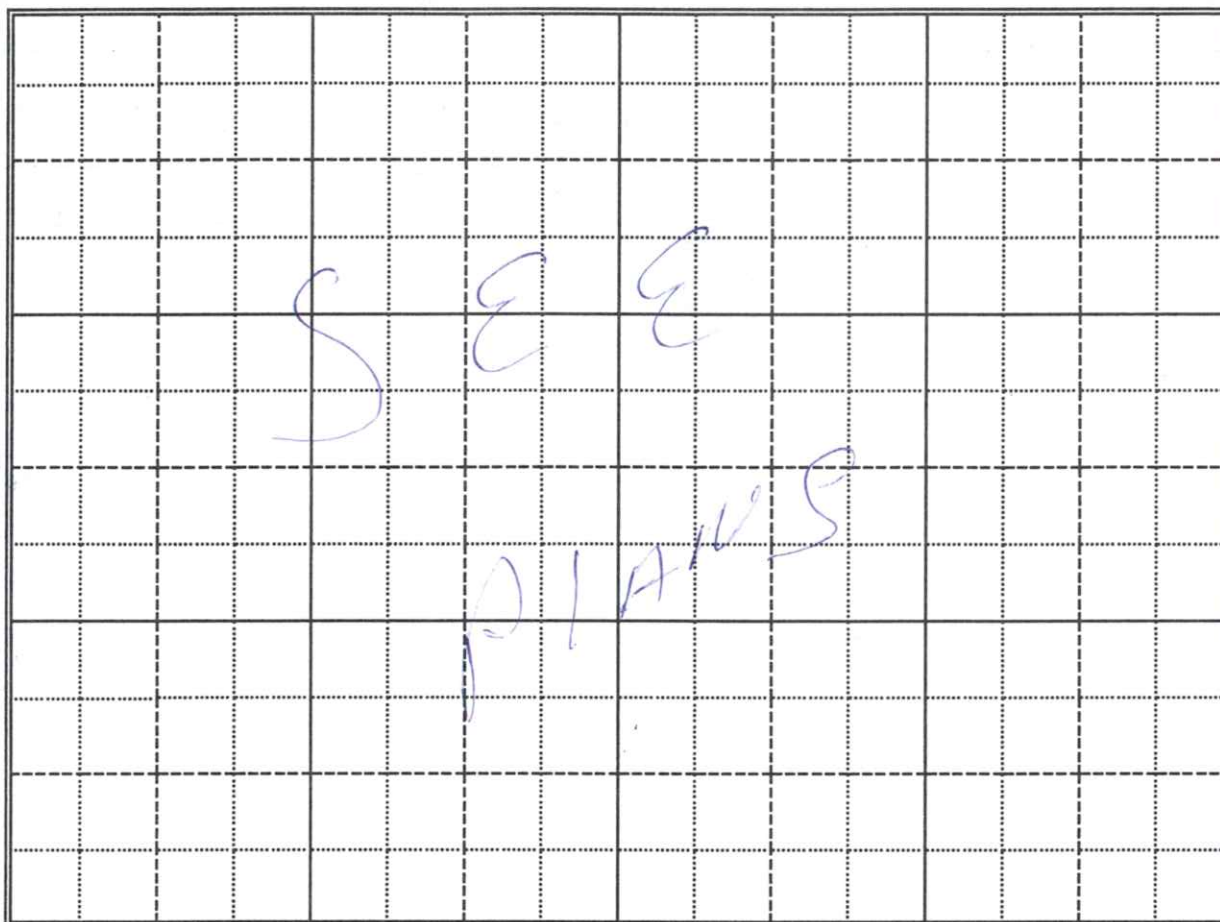


3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____.

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Franklin	10	2822029316	Franklin	Submersible

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

E. NARRATIVE/REMARKS/COMMENTS

There are 2 points of diversion (wells) located approx 65 ft apart in NE SW SE of 27. Only one of these wells is currently being used (the most recently drilled). The other well won't be used until system grows to point where it is needed. The one well now used covers any needs under this permit.

Irrigator acreage figure 0.25 acres per lot

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

$$\text{Flow meter } 100 \text{ gal in } 79 \text{ sec} = 8.19 \text{ gpm}$$
$$\frac{8.19 \times 1.33681}{60} = 0.18 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 9 \times 3 = 27$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.18 \times 245 \times 1.9835 = 87$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 27$$

2. Volume Calculations for Other Uses:

$$36 \text{ domestic} \times 6 \text{ af} = 216$$

H. RECOMMENDATIONS

1. Recommended Amounts

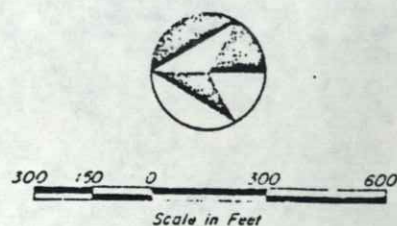
Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	01-01	12-31	0.18	21.6
Irrigation	03-15	11-15	0.18	27
Totals:			0.18	48.6

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATIONField Examiner's Name Wayne Buldich Date 10-1-97Reviewer [Signature] Date 7/25/7

SEAL



LEGEND

- Property Corner, Set 5/8" dia. x 30" long Rebar with Plastic Cap.
- Computation Point (Not marked on ground).
- Found Corner as Noted
- M.C. Meander Corner.

CURVE	DELTA	RADIUS	ARC	CH. BRG.	CHORD
A	19°17'24"	844.00'	294.15'	S6°59'47"W	282.81'
B	9°06'44"	1,791.00'	284.83'	S2°11'50"W	284.53'
C	2°56'52"	2,227.94'	114.62'	S24°16'47"W	114.61'
D	5°09'21"	5,470.00'	492.23'	S25°23'01"W	492.06'
E	25°28'46"	632.00'	281.05'	S15°13'19"W	278.74'
F	3°16'47"	2,369.66'	135.64'	S4°07'19"W	135.63'
G	42°12'18"	392.00'	289.75'	S15°30'26"E	282.27'
H	7°31'11"	2,030.00'	266.42'	S4°07'12"E	266.23'
J	22°45'58"	243.10'	96.59'	S34°39'15"W	95.96'
K	15°31'35"	350.59'	95.00'	S31°02'03"W	94.71'
L	9°17'47"	1,041.78'	169.03'	S43°26'44"W	168.85'
M	16°37'21"	504.68'	146.42'	S56°24'18"W	145.90'
N	45°10'43"	275.57'	217.29'	S42°07'37"W	211.70'
O	11°59'09"	509.70'	106.63'	S23°11'51"W	106.43'
P	38°02'08"	35.40'	23.50'	S12°30'21"W	23.07'
R	26°01'30"	163.79'	74.40'	S6°30'02"W	73.76'
S	52°41'48"	94.89'	87.33'	S45°52'40"W	84.28'
T	8°39'55"	1,013.45'	153.27'	S67°54'37"W	153.13'
U	39°16'39"	115.00'	78.90'	S83°13'59"W	77.36'
V	33°46'27"	175.36'	103.37'	S65°13'28"W	101.88'
W	45°46'10"	111.97'	95.45'	N2°27'10"W	87.09'
X	25°14'25"	67.10'	56.27'	S41°09'21"W	56.06'
Y	78°01'25"	112.10'	142.74'	S53°13'24"W	133.28'
Z	54°05'43"	87.00'	81.42'	S60°02'42"W	78.55'
AA	21°42'23"	222.00'	107.35'	S47°23'25"W	106.31'
AB	56°51'21"	120.00'	119.09'	S89°40'20"W	114.25'
AC	25°42'47"	369.00'	153.24'	N12°14'32"E	152.57'
AD	65°20'59"	185.90'	211.59'	N49°55'17"W	200.29'

SANDY SHORES ADDITION

(PLANNED UNIT DEVELOPMENT PLAT)
Lying in a portion of SECTION 27, T62N, R2W, B.M.,
BONNER COUNTY, IDAHO

BASIS of BEARING

Bearings are referred to N89°21'51"E, along the North line, NE 1/4 Section 27, from a previous Survey by H.C. LAMBURTH, LS 5361, and filed as Instrument No. 336N18.

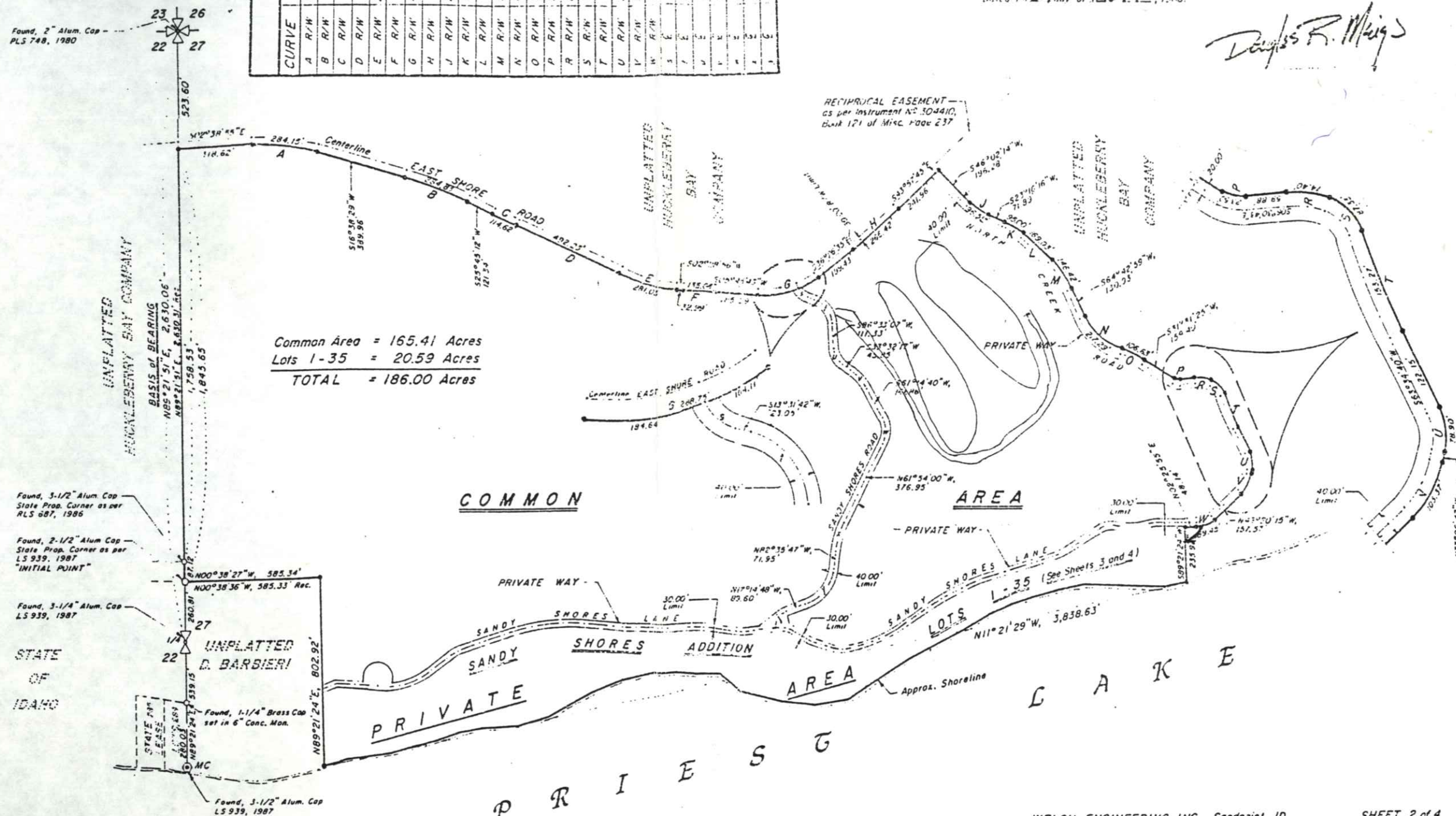
SURVEYOR'S CERTIFICATION

I, DOUGLAS R. MEIGS, P.S. 5576, State of Idaho, hereby certify that this Plat is a true and correct representation of the survey, and is filed under my direct supervision during October and November, 1988.

Dated this 29 day of Nov., 1988.

Douglas R. Meigs

Found, 2" Alum. Cap
PLS 748, 1980



Common Area = 165.41 Acres
Lots 1-35 = 20.59 Acres
TOTAL = 186.00 Acres

Found, 3-1/2" Alum. Cap
State Prop. Corner as per
RLS 687, 1986

Found, 2-1/2" Alum. Cap
State Prop. Corner as per
LS 939, 1987
"INITIAL POINT"

Found, 3-1/4" Alum. Cap
LS 939, 1987

STATE
OF
IDAHO

UNPLATTED
D. BARBIERI

Found, 1-1/4" Brass Cap
set in 6" Conc. Mon.

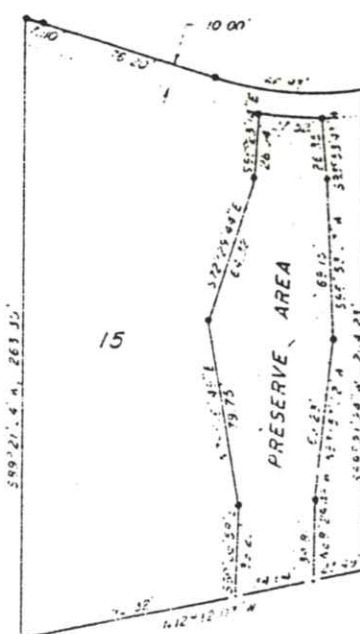
Found, 3-1/2" Alum. Cap
LS 939, 1987

CURVE DATA					
STATION	DELTA	RADIUS	ARC	CH. BRG.	CHORD
1	21° 12' 30"	115.00	43.41	N 10° 10' 10" W	43.55
2	30° 32' 17"	27.14	152.61	N 03° 16' 42" W	150.53
3	43° 49' 59"	61.10	111.91	N 09° 01' 48" W	60.48
4	50° 58' 22"	343.84	59.85	N 06° 11' 37" W	59.77
5	34° 56' 24"	463.53	39.98	N 01° 18' 11" W	39.96
6	10° 05' 35"	373.70	65.83	N 21° 12' 45" W	65.72
7	07° 20' 10"	624.19	79.89	N 02° 25' 33" W	79.84
8	03° 29' 43"	983.24	59.98	N 35° 20' 24" W	59.97
9	24° 31' 52"	553.00	236.71	N 14° 49' 20" W	234.96
10	28° 02' 12"	154.35	75.48	N 01° 27' 42" E	74.73
11	12° 51' 57"	177.35	31.83	N 21° 34' 46" E	31.75
12	31° 44' 04"	69.26	40.19	N 11° 29' 41" E	40.19
13	78° 08' 35"	67.00	91.38	N 56° 13' 05" E	84.46

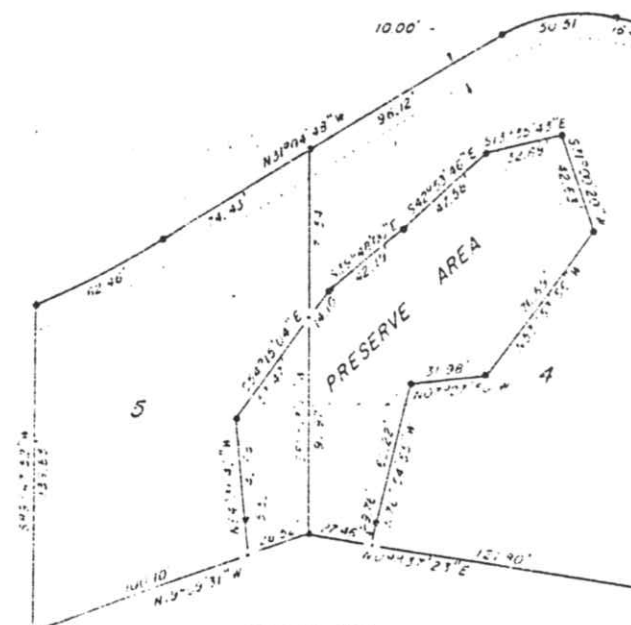
IDAHO FISH and GAME SETBACKS			
LOT	SUMMER POOL ELEV. PROPERTY PIN	PROPERTY PIN SETBACK	TOTAL SLOPE DISTANCE
1	13	97	100
1-2	13	77	80
2-3	16	59	65
3-4	11	69	70
4-5	11	54	55
Then 40' North of the lot line between Lots 4-5			
5	11	49	50
Then 55' North of the lot line between Lots 4-5			
5-6	12	51	55
6-7	11	54	55
7-8	11	51	50
8	10	60	60
East of the midpoint of a line connecting the point along the lot line between Lots 8 and 9 and the point along the lot line between Lots 9 and 10			
9-10	12	51	55
10-11	0	55	50
11-12	16	54	60
12-13	16	20	75
13-14	0	75	75
14-15	0	80	20
15-16	14	75	75
16-17	14	56	60
17	15	67	70

SANDY SHORES ADDITION

Lying in a portion of SECTION 27, T52N, R4W, B.M.,
BONNER COUNTY, IDAHO



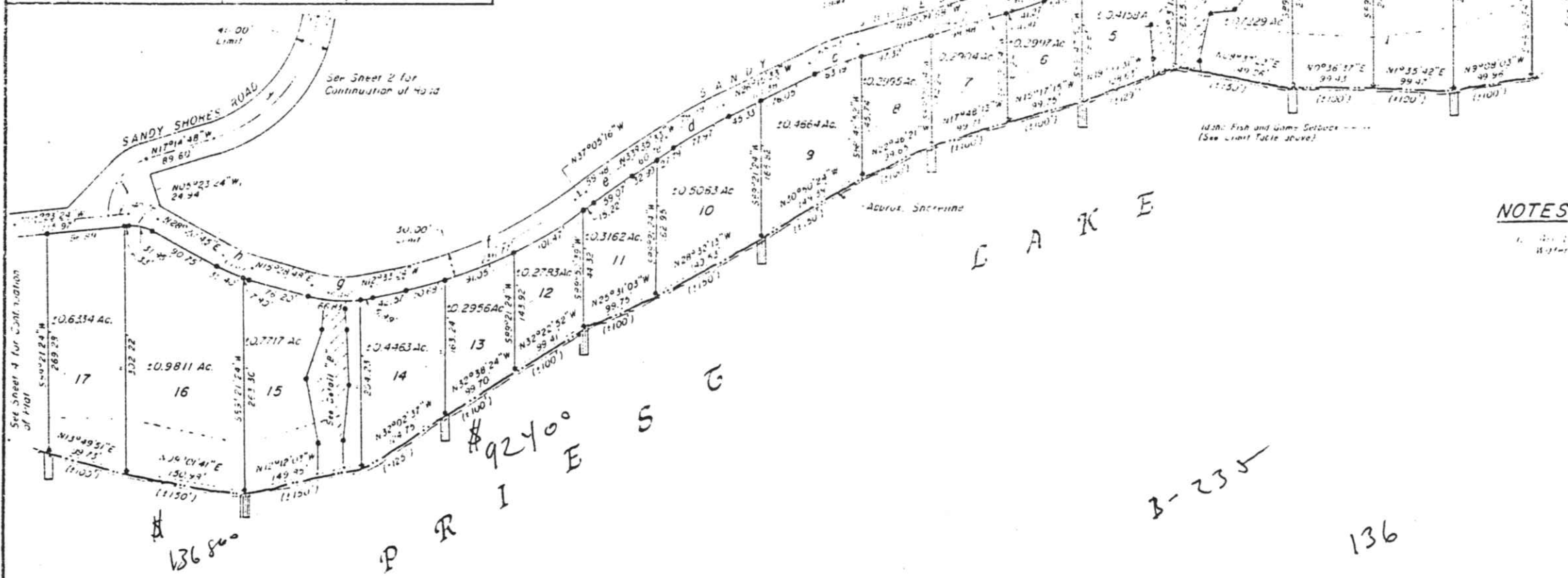
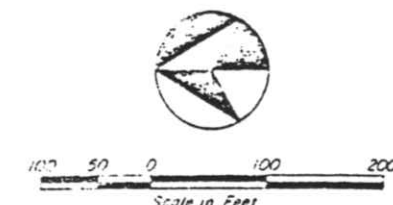
DETAIL "B"



DETAIL "A"

LEGEND

- Property Corner, Set 5/8" dia. x 30" long
return with Flashed Cap.
- Idaho Fish and Game Preserve Area.
- Computation Point (Not marked on ground)
- (---) Shoreline Measurement
- (---) Common Lake Location (Marked on Lot
Line as shown)



NOTES

1. All lots subject to the Ordinary Mean High
Water Line.

CURVE DATA					
CURVE	DELTA	RADIUS	ARC	CH. BRG.	CHORD
k E	15°44'18"	436.40	119.87'	N02°28'45"E	119.50'
m E	10°45'05"	413.50	77.59'	N04°58'22"E	77.48'
n E	4°52'32"	516.75	43.91'	N02°02'05"E	43.96'
p E	22°37'46"	798.20	315.26'	N06°50'32"W	313.21'
q E	20°23'10"	192.25	68.40'	N28°20'59"W	68.04'
r E	42°58'03"	286.00	214.48'	N17°03'33"W	209.49'
z R/W	165°35'02"	60.00	173.40'	S02°47'01"E	119.05'

SANDY SHORES ADDITION

Lying in a portion of SECTION 27, T62N, R4W, B.M.,
BONNER COUNTY, IDAHO



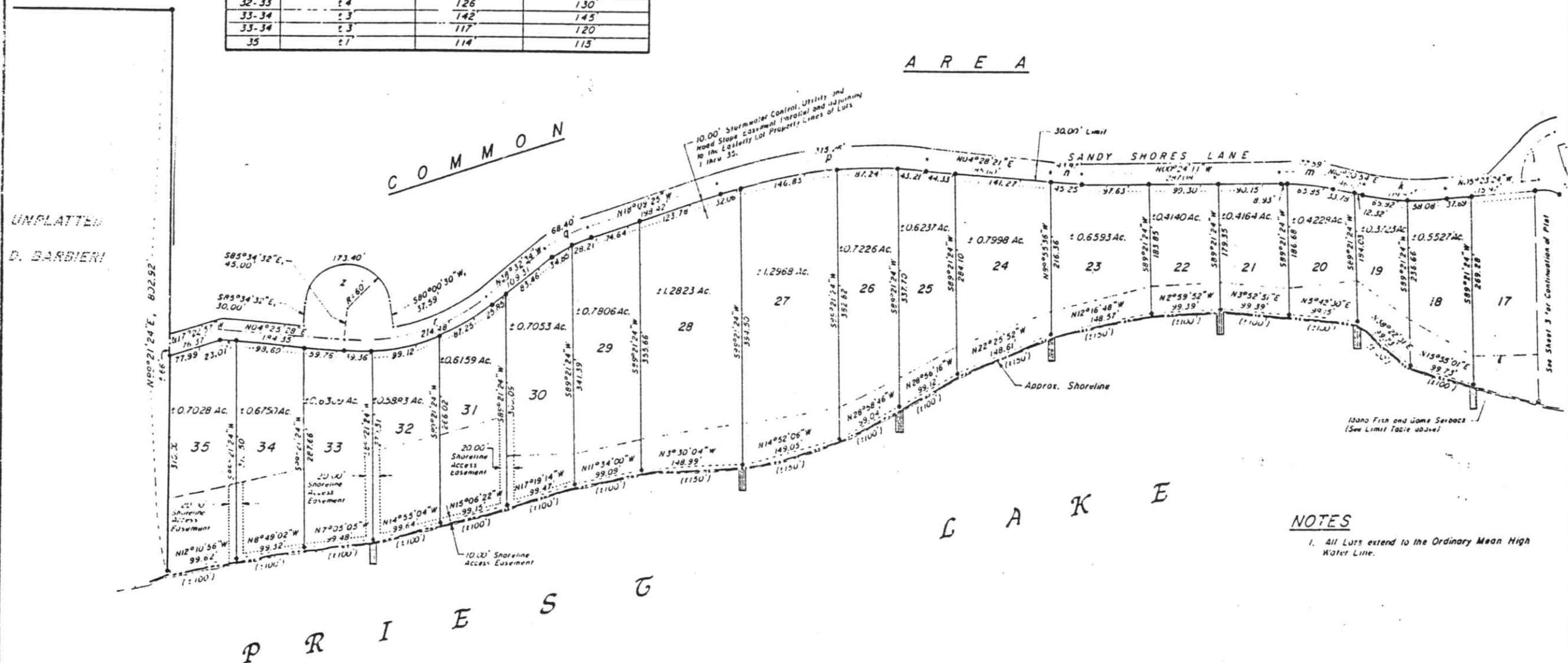
Scale in Feet
0 50 100 150 200

IDAHO FISH and GAME SETBACKS

LOT	SUMMER POOL ELEV. PROPERTY PIN	PROPERTY PIN SETBACK	TOTAL SLOPE DISTANCE
17-18	1.4	41	45
18-19	1.1	69	70
19-20	1.3	62	65
20-21	1.2	43	45
21-22	1.1	44	45
22-23	1.1	44	45
23-24	0	40	40
24-25	1.2	48	50
25-26	1.3	47	50
26-27	1.2	48	50
27-28	1.7	58	65
28-29	1.2	53	55
29-30	1.3	47	50
30-31	1.2	73	75
31-32	1.2	148	150
32-33	1.4	126	130
33-34	1.3	142	145
34-35	1.3	117	120
35	1.1	114	115

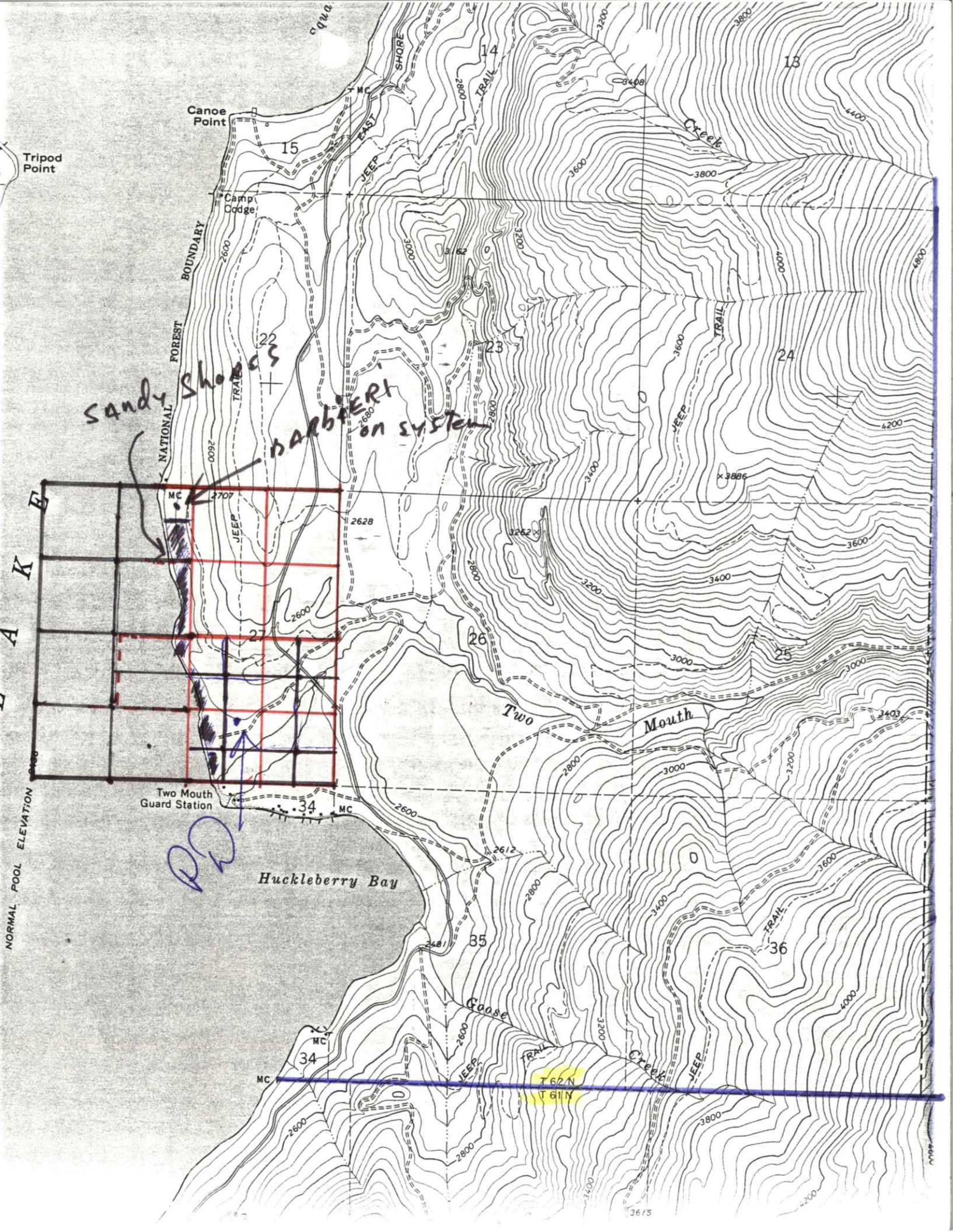
LEGEND

- Property Corner, Set 5/8" dia. x 30" long Rebar with Plastic Cap.
- Computation Point (Not marked on ground)
- (±100') Shoreline Measurement.
- Common Dock Location (Centered on Lot lines as shown).



NOTES

- All Lots extend to the Ordinary Mean High Water Line.



24-91

DATA

16

611040

991-7

006083



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

PERMIT

97-07293



Pump House



PD



Flow meter

9-18-97

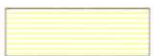
View2



2000 0 2000 4000 Feet



Bonner County Tax Lots



Place of Use



Point of Diversion

Sec 27
T62N R4W

