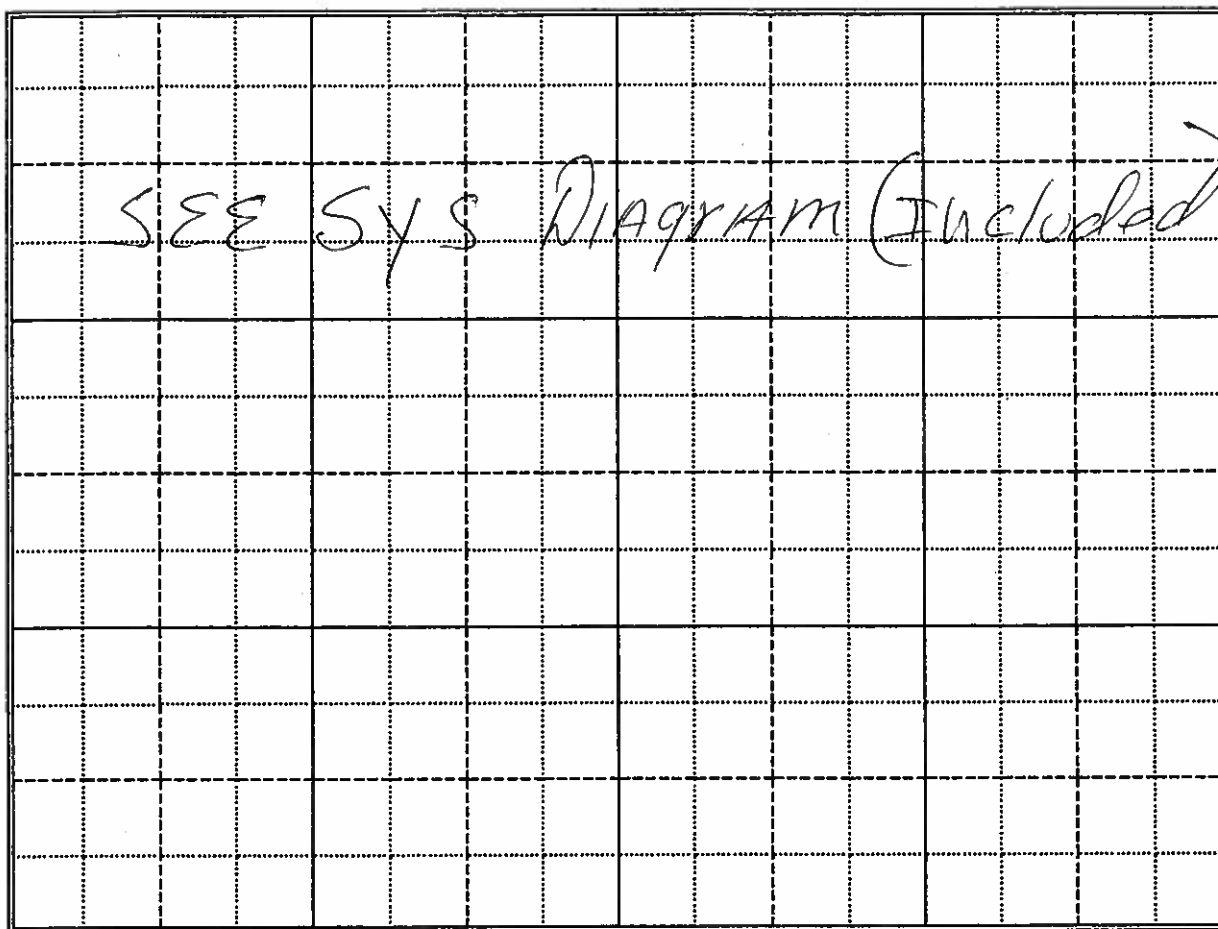


3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



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	5	2821139310	JACCO 31	2"

*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

Currently 6 houses currently on
system. Other 3 lots are stubbed in

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

F. FLOW CALCULATIONS

Measured Method:

____ Additional Computation Sheets Attached

Flowmeter in line

$$\frac{90 \text{ gpm} \times 1.33681}{60} = .2 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Domestic</i>	<i>01-01</i>	<i>12-31</i>	<i>.2</i>	<i>10.8</i>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			<i>.2</i>	<i>10.8</i>

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 Baldwin* Date *8-13-08*Reviewer *[Signature]* Date *8/25/8*

SEAL



96-9081 004



96-9081 006



place of use3



place of use 2

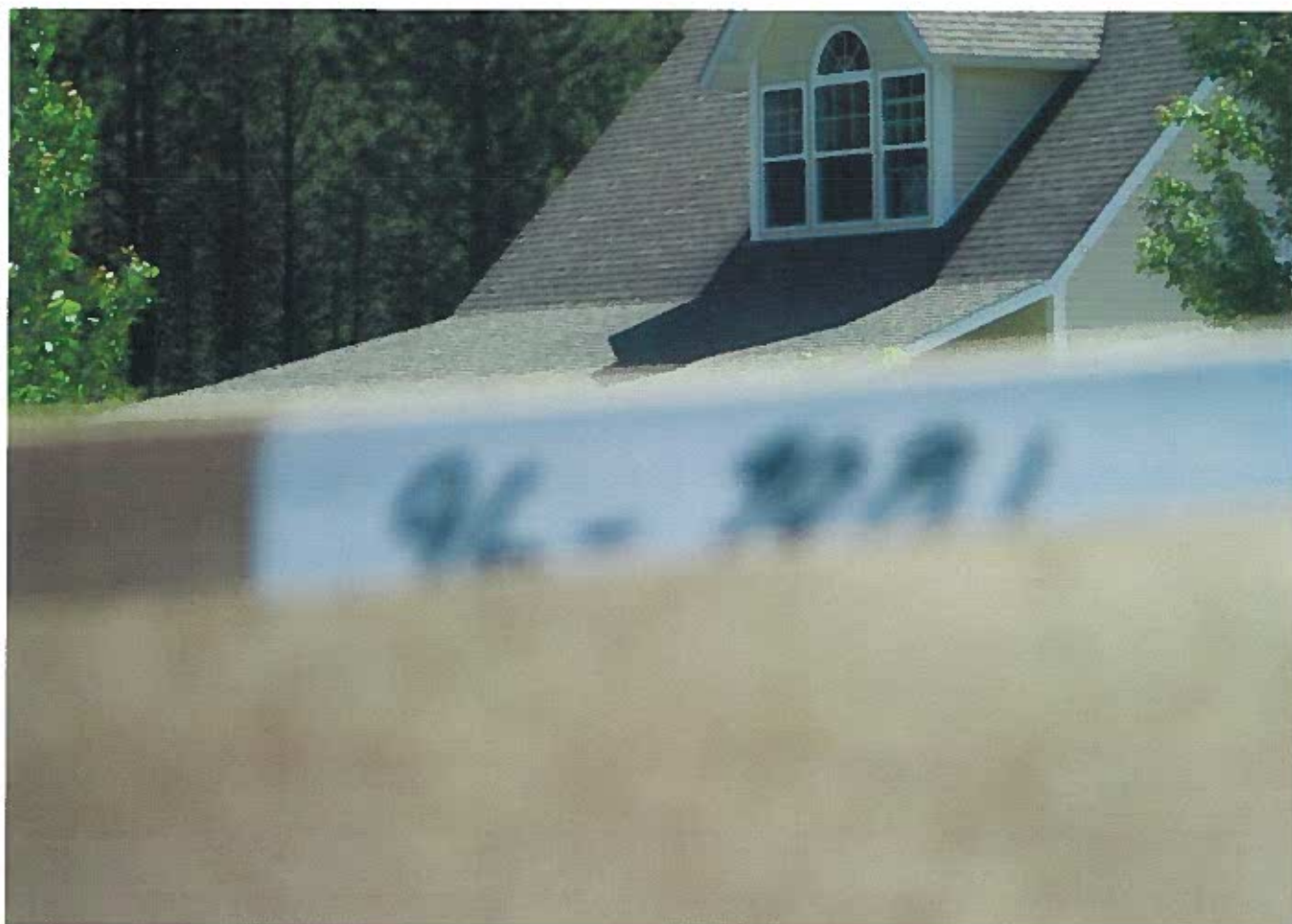


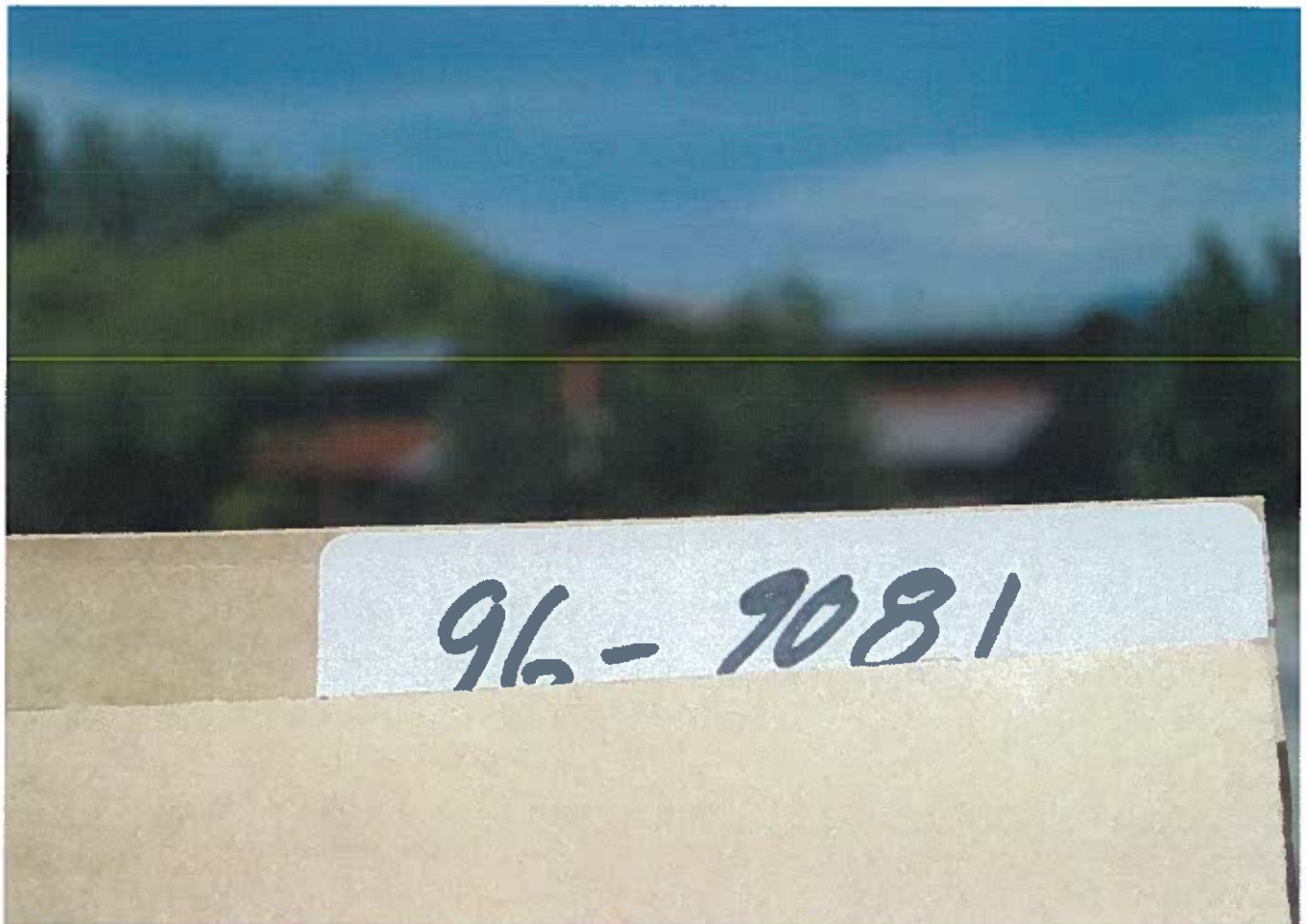
place of use



pod-pumphouse

96-9081



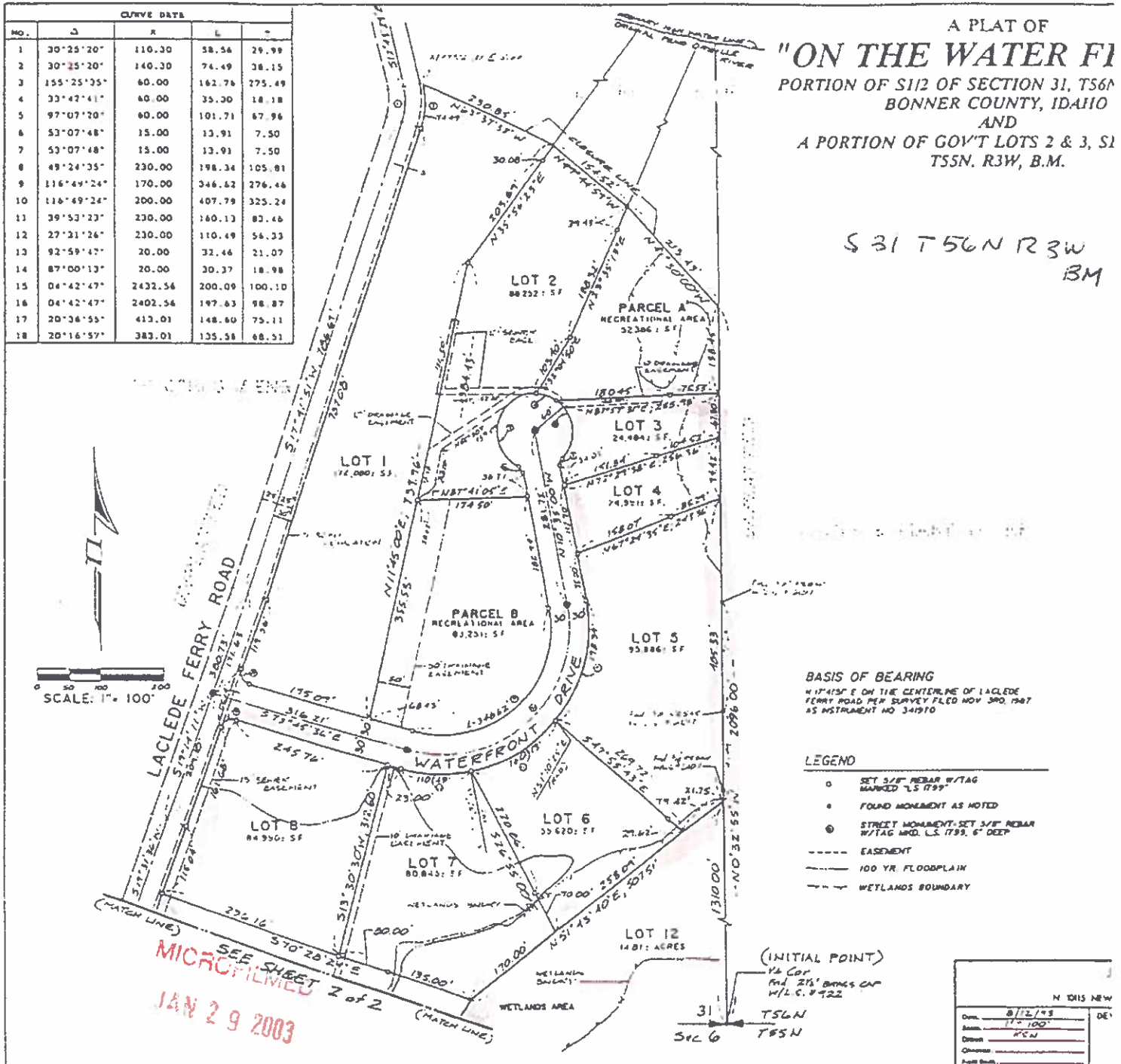




A PLAT OF
"ON THE WATER FRONT"
 A PORTION OF S1/2 OF SECTION 31, T56N
 BONNER COUNTY, IDAHO
 AND
 A PORTION OF GOV'T LOTS 2 & 3, S1
 T55N. R3W, B.M.

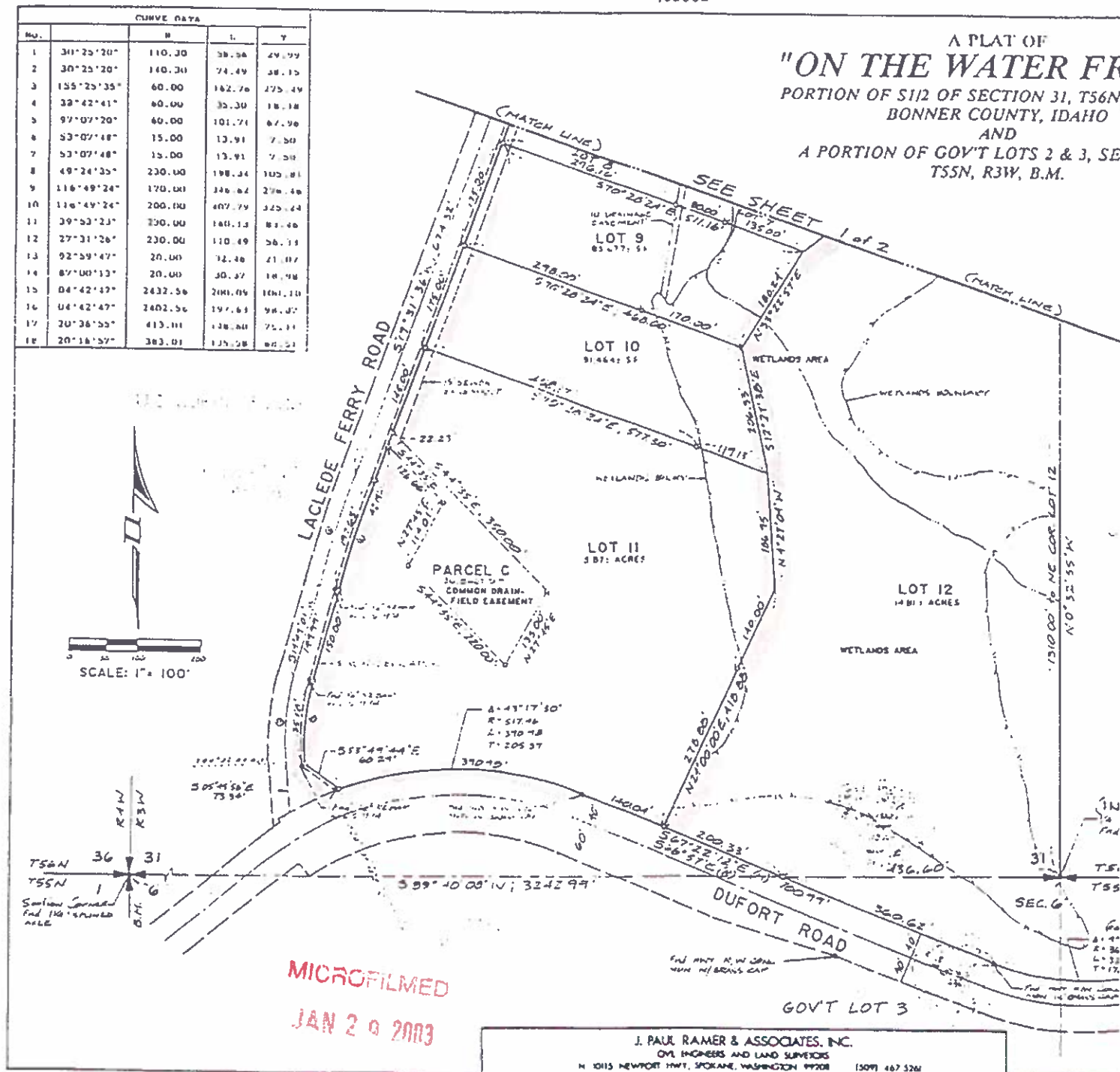
S 31 T 56 N R 3 W
BM

CURVE DATA				
MO.	Δ	X	L	C
1	30°25'20"	110.30	58.54	29.99
2	30°25'20"	140.30	74.49	38.15
3	155°25'35"	60.00	162.76	275.69
4	33°42'41"	60.00	35.30	18.18
5	97°07'20"	60.00	101.71	67.96
6	53°07'48"	15.00	13.91	7.50
7	53°07'48"	15.00	13.91	7.50
8	49°24'35"	230.00	198.34	105.81
9	116°49'24"	170.00	346.62	276.46
10	116°49'24"	200.00	407.79	325.24
11	39°53'23"	230.00	160.13	82.46
12	27°21'26"	230.00	110.49	54.33
13	92°59'47"	20.00	32.44	21.07
14	87°00'13"	20.00	30.37	18.98
15	04°42'47"	2432.54	200.09	100.10
16	04°42'47"	2402.54	197.63	98.87
17	20°36'55"	413.01	148.60	75.11
18	20°16'57"	383.01	135.58	68.51



A PLAT OF
"ON THE WATER FRONT"
 A PORTION OF S1/2 OF SECTION 31, T56N
 BONNER COUNTY, IDAHO
 AND
 A PORTION OF GOV'T LOTS 2 & 3, SE
 T55N, R3W, B.M.

CURVE DATA			
No.	B	L	Y
1	31° 25' 20"	110.30	38.56
2	30° 25' 20"	140.30	74.49
3	155° 25' 35"	60.00	162.76
4	33° 42' 41"	60.00	35.30
5	97° 07' 20"	60.00	101.71
6	53° 07' 48"	15.00	13.91
7	53° 07' 48"	15.00	13.91
8	49° 24' 35"	230.00	198.34
9	116° 49' 24"	170.00	346.62
10	116° 49' 24"	200.00	467.79
11	39° 53' 23"	300.00	140.13
12	27° 31' 26"	230.00	110.49
13	92° 59' 47"	20.00	32.46
14	87° 00' 13"	20.00	30.37
15	43° 42' 47"	2432.56	200.04
16	44° 42' 47"	2402.56	197.63
17	20° 36' 55"	415.11	138.80
18	20° 16' 57"	383.01	134.58



ABBREVIATIONS
BOC - BACK OF CURB
C.F. - CUBIC FEET
CL - CENTERLINE
CMP - CORRUGATED METAL PIPE
C.S.B.C. - CRUSHED SURFACING
C.S.T.C. - CRUSHED SURFACING
CTR - CENTER
C.Y. - CUBIC YARD
DIA. - DIAMETER
E - EAST
EL - ELEVATION
FL - FLOW LINE
FOC - FACE OF CURB
FL - FEET
INV. - INVERT
L - LEFT
L.F. - LINEAR FEET
MAX. - MAXIMUM
MIN. - MINIMUM
N - NORTH
NO. - NUMBER
O.D. - OUTSIDE DIAMETER
PVC - POLY VINYL CHLORIDE
R - RIGHT
S - SOUTH
SQ. FT. - SQUARE FEET
STA. - STATION
TN - TON
TOC - TOP OF CURB
TYP. - TYPICAL
W - WEST

UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON LOCATIONS AND MAPS PROVIDED BY PURVEYORS. THE ACTUAL LOCATION OF UNDERGROUND FEATURES MAY NOT AGREE WITH THE LOCATIONS SHOWN. OTHER UNDERGROUND UTILITIES MAY EXIST THAT ARE NOT SHOWN HEREON. UTILITY PROVIDERS SHOULD BE NOTIFIED PRIOR TO EXCAVATION AND CONSTRUCTION.

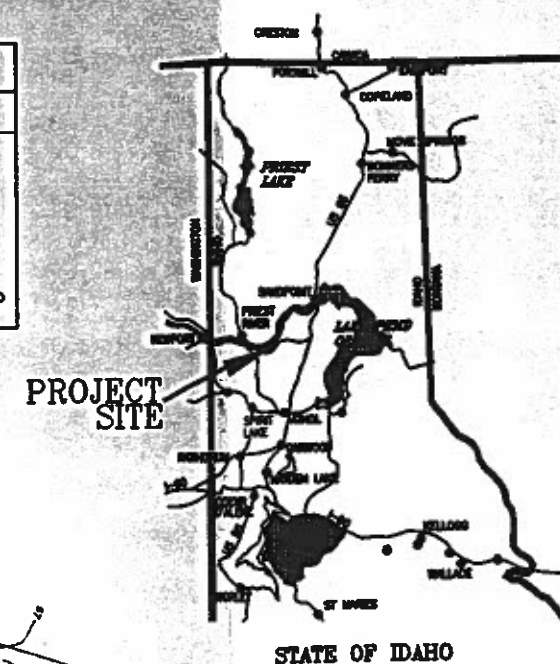
ELEVATIONS SHOWN ARE PREDICATED ON TOPOGRAPHIC INFORMATION PROVIDED BY J. P. BAUMER & ASSOC., AS PROVIDED ON THE PLAN FOR THE SUBJECT PROJECT. ELEVATIONS ARE BASED ON AN ASSUMED ELEVATION OF 100.0 FEET

"ON THE WATERFRONT"

BONNER COUNTY, ID
AND A PORTION OF GOV'T LOTS 2 & 3
S 1/2, SEC 31, T 56N, R 3W, BM

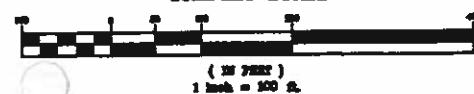
COMMUNITY WATER SYSTEM PROJECT

TABLE OF CONTENTS	
SHEET	DESCRIPTION
1	COVER, INDEX AND TITLE
2	SOUTH RUN (LACLEDE FERRY ROAD) PLAN AND PROFILE
3	LOOP RUN (WATERFRONT DRIVE) PLAN AND PROFILE
4	NORTH RUN PLAN & PROFILE
5	WELLHOUSE PLAN
6	WELLHOUSE ELECTRICAL & WELL PUMP



CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TAN
1	100.00	100.00	90.00	100.00
2	150.00	150.00	135.00	150.00
3	200.00	200.00	180.00	200.00
4	250.00	250.00	225.00	250.00
5	300.00	300.00	270.00	300.00
6	350.00	350.00	315.00	350.00
7	400.00	400.00	360.00	400.00
8	450.00	450.00	405.00	450.00
9	500.00	500.00	450.00	500.00
10	550.00	550.00	495.00	550.00
11	600.00	600.00	540.00	600.00
12	650.00	650.00	585.00	650.00
13	700.00	700.00	630.00	700.00
14	750.00	750.00	675.00	750.00
15	800.00	800.00	720.00	800.00
16	850.00	850.00	765.00	850.00
17	900.00	900.00	810.00	900.00
18	950.00	950.00	855.00	950.00
19	1000.00	1000.00	900.00	1000.00

GRAPHIC SCALE



PRELIMINARY, NOT FOR CONSTRUCTION
FOR REVIEW ONLY
FOR CONSTRUCTION, DATE

ON THE WATERFRONT
CALVIN EDWARDS
BONNER CO., ID
COMMUNITY WATER SYSTEM
TITLE SHEET & INDEX

ENGINEERS & SURVEYORS
1220 N. HOWARD ST.
SPOKANE, WA 99201
TEL (509) 325-4425
FAX (509) 325-0118



SHEET 1 OF 6

96-9081



0 40 80 160 240 320 Meters

Legend

- QQ
- ⊙ Right POD
- Sections

