

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 21-13222
Exam Date: 10/15/2015

1. Current Owner:
ISLAND PARK WATER CO C/O DOROTHY MCCARTY IDAHO FALLS ID 83401 (208) 521 2369
2. Accompanied by: Dorothy McCarty
Phone No: 208 521 2369
Relationship to Permit Holder: Same

3. **SOURCE:**
GROUND WATER

TRIBUTARY:

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 21-10458 and 21-10501 each serve an undefined single domestic residence within the SWNW of Section 12.
2. Other water rights with the same point-of-diversion: None

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SE¼NW¼ Sec. 12, Twp 13N, Rge 42E, B.M. FREMONT County

Method of Determination: GPS and ArcMap

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	42E	12							X	X		X							

Method of Determination: Meeting with appropriator and ArcMap

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

X

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

X Photo of Diversion and System Attached

4. Well Information

A single 1.5 hp well, known locally the Stevens Well.

D. FLOW MEASUREMENTS

The well did not have enough exposed pipe for the placement of a flow meter. Because the diversion rate is less than 0.24 cfs, a measurement was not required. Based on the number of homes, a proportioned split of 21-7443 would equate to 0.08 cfs.

A theoretical measurement, included on a separate spreadsheet, confirms the development of ~0.08 cfs. The pumping level used in the theoretical calculation was derived from the well driller's report. Five of the nine well logs for the wells drilled in the Shotgun Subdivision listed the wrong legal description. However, the well log for the Stevens Well contained the correct legal description. It is the only well in the SENW of Section 12.

A pump test was run on one well (Chickasaw) of the nine wells owned by Island Park Water Company in the vicinity of this right. It reported no drawdown after being pumped at 300 gpm for ½ hour. As a result, no drawdown correction was applied as part of the theoretical measurement.

E. FLOW CALCULATIONS

 X Additional Computation Sheets Attached

0.40 cfs / 100 homes authorized by original permit 21-7443 / 20 homes for this split portion of 21-7443 = 0.08 cfs for this license.

F. VOLUME CALCULATIONS

0.6 AFA in-home use/hookup

0.6 AFA domestic irrigation/hookup

0.6 AFA in-home use/hookup + 0.6 AFA domestic irrigation/hookup = 1.2 AFA/hookup * 20 hookups = 24.0 AFA

G. NARRATIVE/REMARKS/COMMENTS

One well serving a total of 20 hookups in Divisions 1, 5, and 11 in the Shotgun Village Subdivision.

This license was split from permit 21-7443, which had a rate of 0.40 cfs for 100 homes, the Department's standard rate for in-home use only for 100 homes. However, many of the houses were developed with irrigated lawn and trees. Nothing in the conditions of 21-7443 precluded domestic irrigation of up to ½ acre per hookup.

The determination of 20 total hookups on the system was made by examining the lots' property owners and, using aerial photography, determining the number of structures on the lots. If contiguous lots were owned by the same entity and contained only one structure the size of a home/cabin, the property owner was assumed to have only one hookup.

It is of note that the Proof of Beneficial Use for this right was received on February 12, 1992, yet 2015 aerial photography was used in this analysis. Based on the dates the wells were drilled, dates on the subdivision plats, and aerial photography from the 1990s, the beneficial use was developed in its entirety during the development period. Therefore, using 2015 aerial photography because of its higher quality has no effect on the issued license.

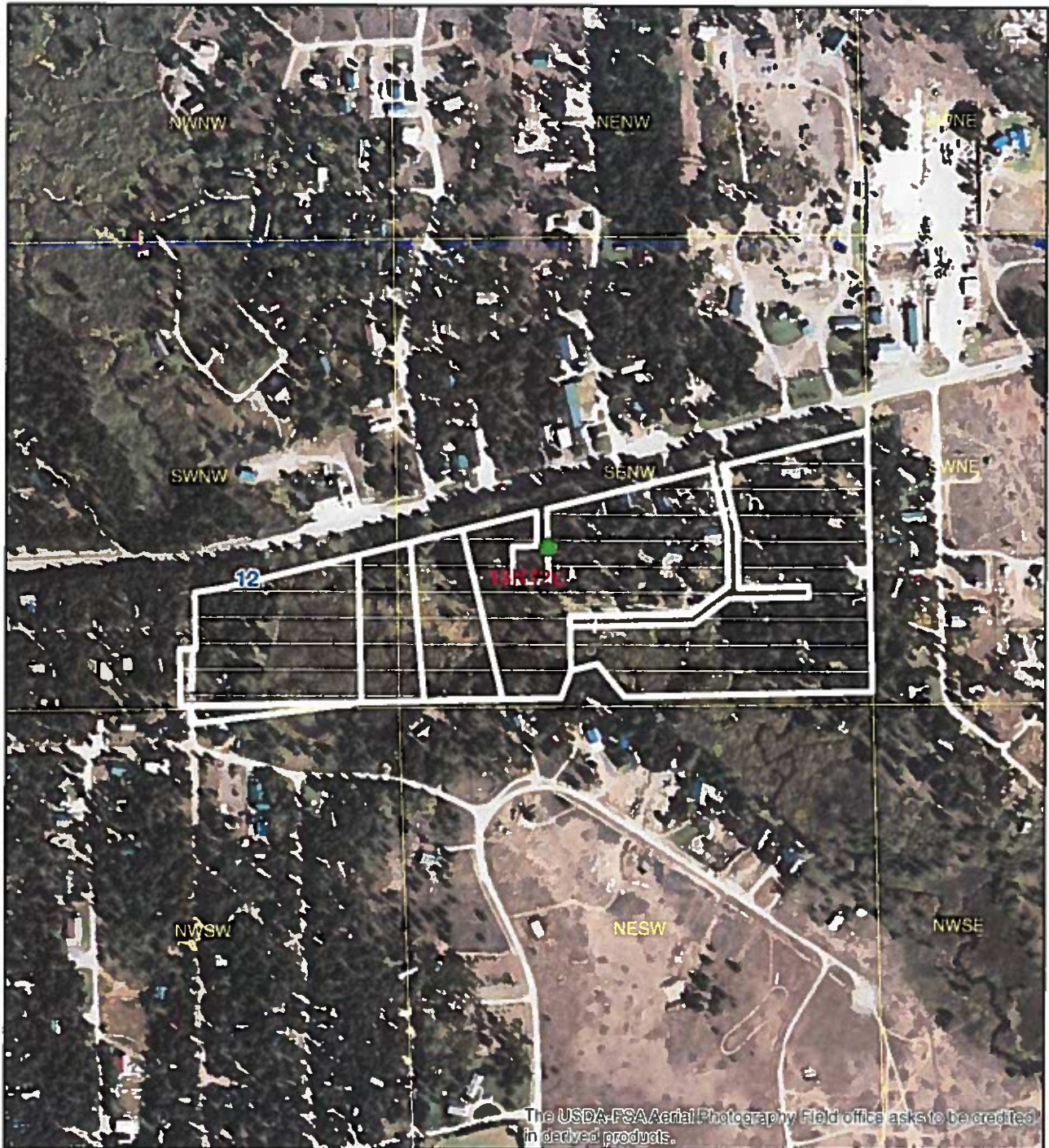
Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS**1. Recommended Amounts****BENEFICIAL USE**
DOMESTIC**PERIOD OF USE**
01/01 to 12/31**DIVERSION RATE**
0.080 CFS**ANNUAL VOLUME**
24.00 AF**Totals:** 0.080 CFS 24.00 AF**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 ☐ None

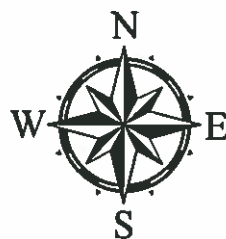
Permit 21-7443 was amended prior to licensing. The amendment applied to licenses 21-13222, 21-13223, 21-13224, and 21-13225, which were split from permit 21-7443 at licensing.

I. AUTHENTICATIONField Examiner's Name Cooper Fritz Date 5/4/2017Reviewer James Cefalo Date 5/8/17

21-13222 POD and POU at Licensing



2015 Imagery



THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 21-13222
 Examiner: Cooper
 Date of Field Exam: 10/15/2015

Stevens Well

P/D No.:

PUMP HORSEPOWER	1.5
BOOSTER HORSEPOWER	0
PUMPING LEVEL	40
DISCHARGE PRESSURE	50
FRICTION	0
RATE OF FLOW (cfs)	0.06
(gpm)	26.7

The above calculates the formula =

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$$

Assumptions: %70 efficiency.

Examiners Notes:

Lift was taken from well log. Hp was emailed. A standard psi for domestic use of 50 psi was used to estimate the pressure against the pump.



Stevens Well

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

OCT 18 1988

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USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

Island Park Wells

Well No.	Well Name (Location)	Pump	Meter No.	GPS Lat	GPS Lon	Pipe Size	KWH
1	Remington	5hp	92157398	44:28.340 N	111:27.104 W	2" gal & 3" pvc	42218
2	Savage Rd.	3hp	39824466	44:28.289 N	111:27.191 W	1 1/4" & 2" gal	16724
3	Cherokee Rd	5 hp	96525436	44:27.859 N	111:27.317 W	1 1/4" & 2"	15724
4	Choctaw	5 hp	53244548	44:27.850 N	111:27.457 W	2", 3", & 1 1/4"	14754
5	Kickapoo	5 hp	94025128	44:28.082 N	111:26.797 W	1", 2", & 4"	18240
6	Stevens	1.5 hp	77957668	44:28.038 N	111:27.085 W	1 1/4"	36811 (35811)
7	Aspen Ridge Drive	5 hp	96698133	44:34.297 N	111:20.315 W	2"	01585
8	Lake View (valley View)	3 hp	91772649	44:37.419 N	111:19.527 W	2", 1 1/4"	
9	Trumpeter	3 hp	51614132	44:36.985 N	111:22.792 W	4" pue 2", 1 1/4" 1"	04547
10	Reese Drive Booster Station	1.5 hp	93392400			3", 1 1/4"	11016
11	Valley Drive (Valley View)	1.5 hp	87122932	44:37.661 N	111:19.768 W	3", 1"	04006
12	Goose Bay Drive East	5 hp	93503897	44:36.980 N	111:22.620 W	2", 1 1/4"	70123
13	Oak (Aspen Ridge)	5 hp	98078799	44:34.308 N	111:20.606 W	2", 1 1/4"	37105
14	Chickasaw	5 hp	91769077	44:27.915 N	111:27.124 W	4", 2", & 1 1/4"	13735
15	Yale Creek Road	N/A	N/A	N/A	N/A	N/A	N/A

OWNER	LEGAL1	ACRES	Number of Hookups
BARTON STERLING C BARTON PATRICIA J	SHOTGUN VILLAGE EST DIV #1 LOT 5 BLK 2 SEC 12 TWP 13 RGE 42	0.40000000	1
BUNOT TIMOTHY BUNOT SHERRI	SHOTGUN VILLAGE EST DIV #1 LOT 6 BLK 2 SEC 12 TWP 13 RGE 42	0.40000000	2
BUNOT TIMOTHY BUNOT SHERRI	SHOTGUN VILLAGE EST DIV #1 LOT 10 BLK 2 SEC 12 TWP 13 RGE 42	0.30000000	
BUNOT TIMOTHY BUNOT SHERRI	SHOTGUN VILLAGE EST #11 LOT 18 BLK 1 SEC 12 TWP 13 RGE 42	2.20000000	
BUNOT TIMOTHY BUNOT SHERRI	SHOTGUN VILLAGE EST #11 LOT 19 BLK 1 SEC 12 TWP 13 RGE 42	2.00000000	
BUNOT TIMOTHY BUNOT SHERRI	SHOTGUN VILLAGE EST #11 LOT 20 BLK 1 SEC 12 TWP 13 RGE 42	1.60000000	
BUTLER RONNIE RULAND	SHOTGUN VILLAGE EST DIV #1 LOT 4 BLK 2 SEC 12 TWP 13 RGE 42	0.40000000	3
BUTLER RONNIE RULAND BUTLER AMY S	SHOTGUN VILLAGE EST DIV #1 LOT 2 BLK 2 SEC 12 TWP 13 RGE 42	0.50000000	
BUTLER RONNIE RULAND BUTLER AMY S	SHOTGUN VILLAGE EST DIV #1 LOT 3 BLK 2 SEC 12 TWP 13 RGE 42 (SR 2006)	0.50000000	
COLEMAN SUSAN B	SHOTGUN VILLAGE EST DIV #1 LOT 13 BLK 1 SEC 12 TWP 13 RGE 42 MH	0.50000000	4
ENGLISH LEAH B OLSON WINN SANDRA LYNN	SHOTGUN VILLAGE EST DIV #1 LOT 1 BLK 2 SEC 12 TWP 13 RGE 42	0.40000000	5
HALL YVONNE ALLRED BULL ANN ALLRED	SHOTGUN VILLAGE EST DIV #1 LOT 14 BLK 1 SEC 12 TWP 13 RGE 42	0.50000000	6
HARMON DALE B HARMON DELLA	SHOTGUN VILLAGE EST DIV #1 LOT 2 BLK 3 SEC 12 TWP 13 RGE 42	1.40000000	7
HENSLEY TRUST	SHOTGUN VILLAGE EST DIV #1 LOT 1 BLK 1 SEC 12 TWP 13 RGE 42	0.30000000	8
HOLT TODD E HOLT CHARISE K	SHOTGUN VILLAGE EST DIV #1 LOT 9 BLK 2 SEC 12 TWP 13 RGE 42	0.40000000	9
HOWRY FAMILY TRUST	SHOTGUN VILLAGE EST DIV #1 LOTS 10-11 BLK 1 SEC 12 TWP 13 RGE 42	0.70000000	10
HOWRY FAMILY TRUST	SHOTGUN VILLAGE EST DIV #1 LOTS 10-11 BLK 1 SEC 12 TWP 13 RGE 42	0.60000000	
KELLEY DONALD J KELLEY NANCY A	SHOTGUN VILLAGE EST DIV #1 LOT 5 BLK 1 SEC 12 TWP 13 RGE 42	0.50000000	11
MCBRIDE CRAIG A MCBRIDE TEENA	SHOTGUN VILLAGE EST DIV #1 LOT 16 BLK 1 SEC 12 TWP 13 RGE 42	0.30000000	12
MCBRIDE CRAIG A MCBRIDE TEENA	SHOTGUN VILLAGE EST DIV #1 LOT 17 BLK 1 SEC 12 TWP 13 RGE 42	0.20000000	
MEDELLIN ERNEST S MEDELLIN BONNIE J	SHOTGUN VILLAGE EST DIV #1 LOT 9 BLK 1 SEC 12 TWP 13 RGE 42	0.60000000	13
MEDELLIN ERNEST S MEDELLIN BONNIE J	SHOTGUN VILLAGE EST DIV #1 LOT 8 BLK 1 SEC 12 TWP 13 RGE 42	0.50000000	
MEDLEY WILLIAM D	SHOTGUN VILLAGE EST DIV #1 LOT 7 BLK 2 SEC 12 TWP 13 RGE 42	0.40000000	14
MEDLEY WILLIAM D	SHOTGUN VILLAGE EST DIV #1 LOT 8 BLK 2 SEC 12 TWP 13 RGE 42	0.40000000	
MESSICK JASON DON MESSICK VICKI L	SHOTGUN VILLAGE EST DIV #1 LOT 12 BLK 1 SEC 12 TWP 13 RGE 42	0.60000000	15
RHODEHOUSE KEVIN	SHOTGUN VILLAGE EST DIV #1 LOT 4 BLK 1 SEC 12 TWP 13 RGE 42	0.40000000	16
SCHRADER BRAD J SCHRADER SHANNON	SHOTGUN VILLAGE EST DIV #1 LOT 6 BLK 1 SEC 12 TWP 13 RGE 42	0.70000000	17
SCHRADER BRAD J SCHRADER SHANNON	SHOTGUN VILLAGE EST DIV #1 LOT 7 BLK 1 SEC 12 TWP 13 RGE 42 MH	0.50000000	
STOTT PHILLIP N STOTT ALTINA	SHOTGUN VILLAGE EST #5 LOT 1A BLK 26 SEC 12 TWP 13 RGE 42	0.30000000	18
STOTT PHILLIP N STOTT ALTINA	SHOTGUN VILLAGE EST DIV #1 LOT 3 BLK 3 SEC 12 TWP 13 RGE 42	2.60000000	
TANNER KRISTI CROSS SHARP HEIDI	SHOTGUN VILLAGE EST DIV #1 LOT 15 BLK 1 SEC 12 TWP 13 RGE 42	0.50000000	19
TAYLOR MARGENE POTTS JANET	SHOTGUN VILLAGE EST DIV #1 LOTS 2-3 BLK 1 SEC 12 TWP 13 RGE 42 MH	0.30000000	20
TAYLOR MARGENE POTTS JANET	SHOTGUN VILLAGE EST DIV #1 LOTS 2-3 BLK 1 SEC 12 TWP 13 RGE 42 MH	0.30000000	

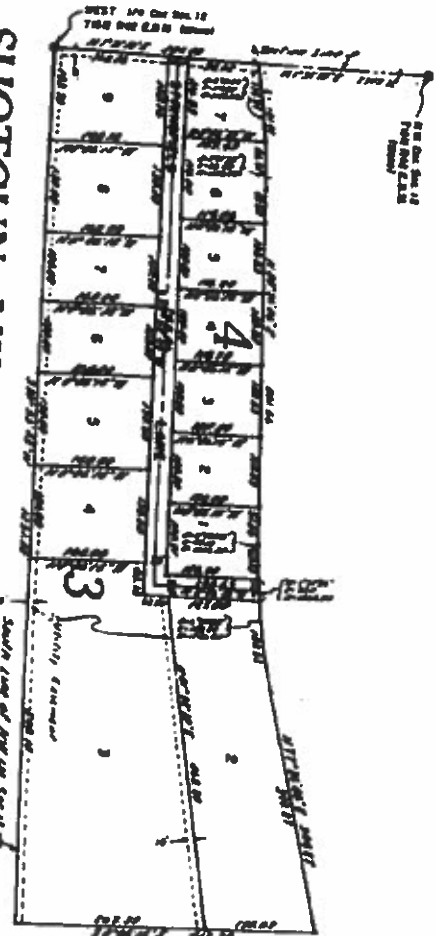


DIVISION NO. 1

FREMONT COUNTY, IDAHO

THE N.W. 1/4 of Sec. 12, T33N R42 E34M.
DAVID L. JACOBSON
CONSULTING ENGINEER
ROANOKE FALLS, ILL.

SCALE: 1" = 100'



ENGINEER'S CERTIFICATE

[illegible]

BOUNDARY	DESCRIPTION
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Labels Certified At 722

[illegible]

DEED OF DEDICATION

[illegible]

Signatories: Paul J. B. Day of the "A.B. Club"

DANIEL W. BENTON	JOHN A. BENTON
JOHN J. BENTON	JOHN A. BENTON
WILLIAM J. PRICE	JOHN A. BENTON
DAVID E. BENTON	DANIEL C. PRICE
	DANIEL C. BENTON

of Election Officer

SHAWNA E. SYROBEL
ELAINE G. BENTON

of Board of Directors

ELAINE G BENTON

Attorneys in City

ACKNOWLEDGEMENT

County of

The following appeared before me the undersigned Notary Public, the above said persons, the husband and wife, and he, the undersigned, being duly sworn, depose and testify that the above is not how they created the family of the said child, named mentioned, to wit: as the father, the mother, and the child, as so stated.

I, D. B. LEE,
 My Commission Expires March 23, 1911,
 Notary Public

COUNTY APPROVAL AND ACCEPTANCE

*Copy this to day after. An R.E. of which have this
addition was approved and accepted.
Approved March 1906 Signed at H.
Chairman*

John A. Doe
Chairman

ENGINEER'S APPROVAL

County Recorder

I have had this job examined and it is correct and appropriate.
Date: 12.1.11

Chief Engineer

Faculty Engineer

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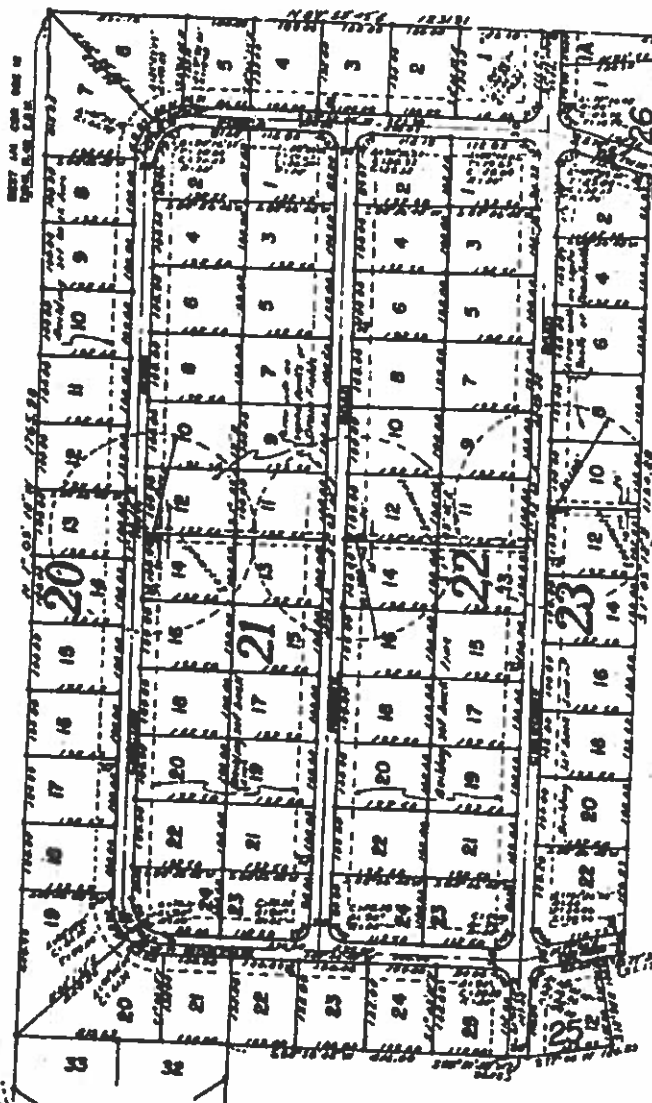
DEED OF DEDICATION

[illegible]

in witness whereof we have hereunto set our
Signatures this 22nd day of Dec^r 1838

Edna C. Porter

ACKNOWLEDGMENT

[illegible]

SHOTGUN VILLAGE ESTATES

DIVISION NO. 5
FREMONT COUNTY, IDAHO
Part of
The S.W. 1/4 of Sec. 12, T35N R42 E4E
LOCATION ENGINEERING CONSULTING ENGINEERS
IDAHO FALLS, IDAHO

[illegible]

RECORDED'S CERTIFICATE NO. 153828

State of Idaho, County of Fremont, I hereby certify that this
 that says that ALL of SEBASTIAN is dead at Harb's
page of the report of Daniel Sebastian for
and, further certify that the history of this plot being my
 signature is attached here as the

COUNTY APPROVAL AND ACCEPTANCE

Subscribers were assured that attached

Method _____ Phosphor 7.11.22 Chambers

ENGINEER'S APPLICANT

I certify that I have read this plan examined and find that it is correct and acceptable. p. 4 37
Date 11-19-78

10/10/10

DIVISION NO. 11

FREMONT COUNTY IDAHO

PART OF THE N.W. 1/4 OF SEC. 12, T. 13 N., R. 42 E. B.M.



SCALE: 1" = 100'

