

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

1. Name of Applicant Tall Boy, LLC c/o Mike Bertrand Phone (208) 705-0423
Mailing address PO Box 610, Driggs, ID 83422
C/O Keith C. Wilson Rocky Mountain Environmental Phone: (208) 524-2353
482 Constitution, Ste 303 Fax: (208) 524-1795
Idaho Falls, ID 83402
2. Source of water supply GROUNDWATER which is a tributary of _____
3. Location of point of diversion is Township 5N Range 45E Sec. 26, in the SE $\frac{1}{4}$, SE $\frac{1}{4}$, SW $\frac{1}{4}$,
Govt. Lot , E.B.M., Teton County; additional points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 0.50 cfs for Cooling purposes from 01/01 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.50 cfs for Heating purposes from 01/01 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 0.50 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Describe type and size of devices used to divert water from the source Well pump mainline to heat exchanger to injection well.
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet
 - c. Proposed well diameter is 8 inches; proposed depth of well is 175 feet
 - d. Is ground water with a temperature of greater than 85°F being sought? No
 - e. If well is already drilled, when? _____; Drilling firm _____;
Well was drilled for (well owner) _____; Drilling Permit No. _____
7. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
 - a. Hydropower; show total feet of head and proposed capacity in kW. _____
 - b. Stockwatering; list number and kind of livestock. _____
 - c. Municipal; show name of municipality. _____
 - d. Domestic; show number of households. _____
 - e. Other; describe fully. Heating & Cooling

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DEC 03 2007

Department of Water Resources
Eastern Region

22-13800

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: *D* for Domestic) in the corresponding place of use below. See instructions for standard symbols.

Tw	Rge	Sec	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
5N	45E	26												G/L					

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. NONE11. a. Who owns the property at the point of diversion? APPLICANTb. Who owns the land to be irrigated or place of use? APPLICANT

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

12. Remarks: Proposed project is for a closed-loop heat pump system. Water will be diverted through a closed loop with a heat exchanger and then into an injection well. No consumptive use, system is a closed loop system.13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

[Signature] manager
 Signature of Applicant (and title, if applicable)

Received by 12/31/07 Date se Time _____ Preliminary check by _____
 Fee \$ 250- Receipted by se # 6033678 Date _____
 Publication prepared by _____ Date _____ Published in Teton Valley
 Publication approved _____ Date _____



Associated
Construction
Engineering, Inc.

2040 Hamish Boulevard
Billings, Montana 59102
406-245-0136 (phone)
406-245-2084 (fax)

Memo

To: Stephanie Kralovec, John Rice

From: Todd Meling

Date: 11-26-07

Re: Colter Building Ground Water Requirements
A.C.E. Job #7BL3190

Stephanie/John,

The ground water required for the Colter Building's ground source heat pump system is based upon building heating and cooling load calculations developed by our firm.

This calculation utilizes the latest in hourly analysis calculation programs (Carrier's Hourly Analysis 4.34) for the building to deliver the most accurate instantaneous load heating/cooling demands possible.

The worst case load for the building will be at the peak of summer when the building is fully occupied: 804,000 btu/hr.

$804,000 \text{ btu/hr} / 12,000 \text{ btu/hr per ton} = 67 \text{ tons}$

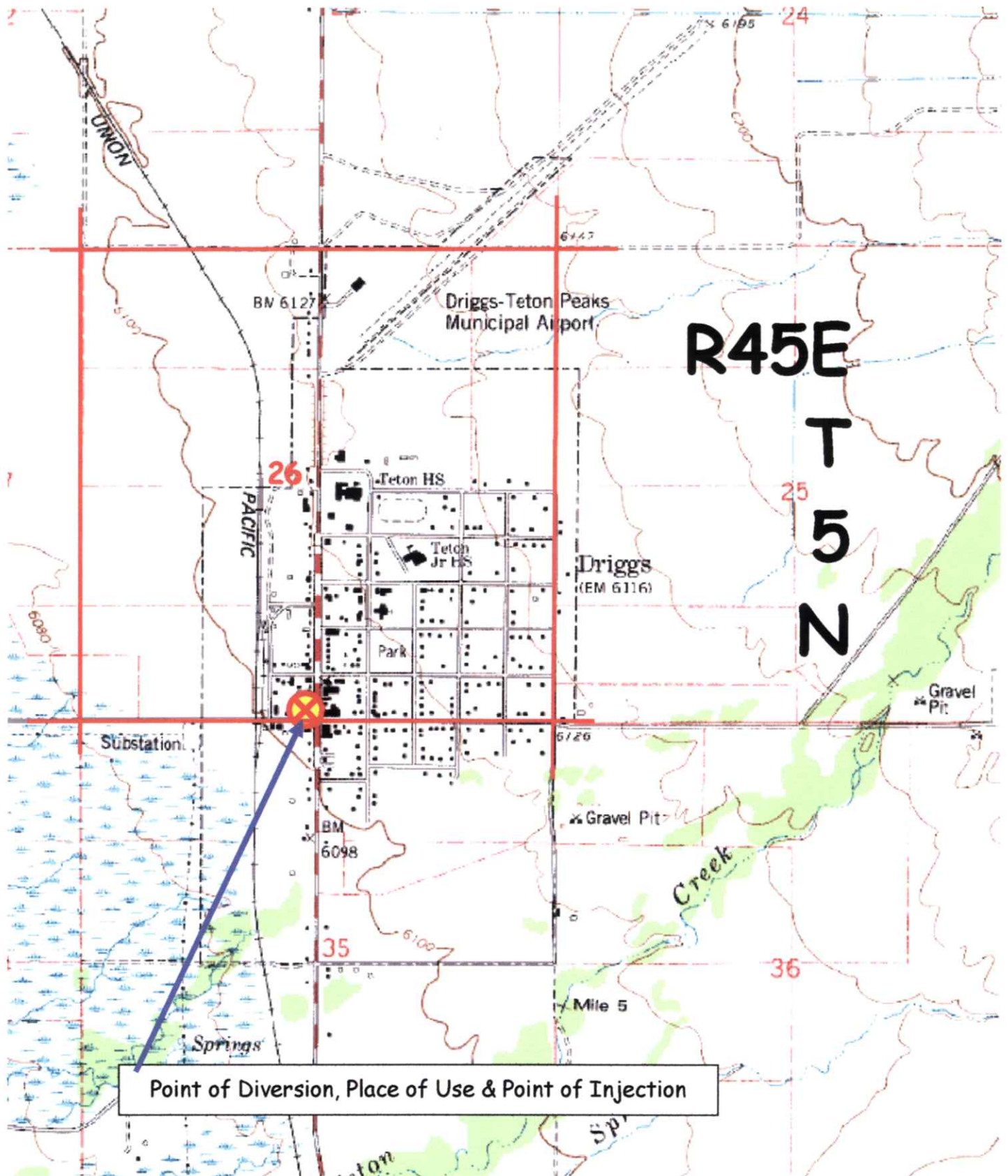
$67 \text{ tons} \times 3 \text{ gpm/ton} = 201 \text{ gpm}$

Therefore, the flow required to maintain the heat pump compressor at this load is approximately 201 gallons per minute.

Note that we plan to utilize a variable frequency drive to minimize water usage for non peak periods and minimize impact to the ground water system.

Please feel free to contact me with any questions at 406.245.0136.

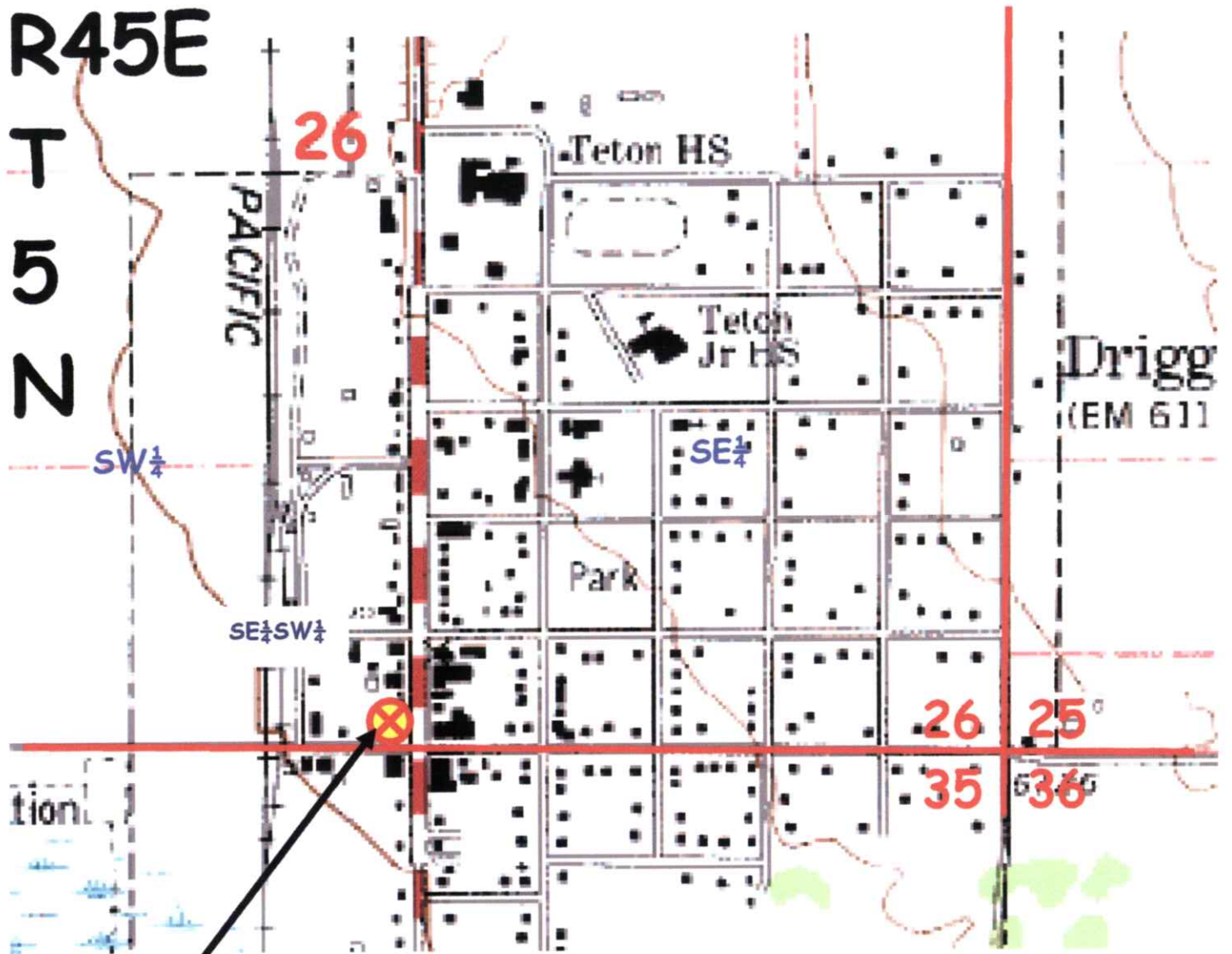
DUBBE-MOULDER PROJECT



Dubbe-Moulder Project

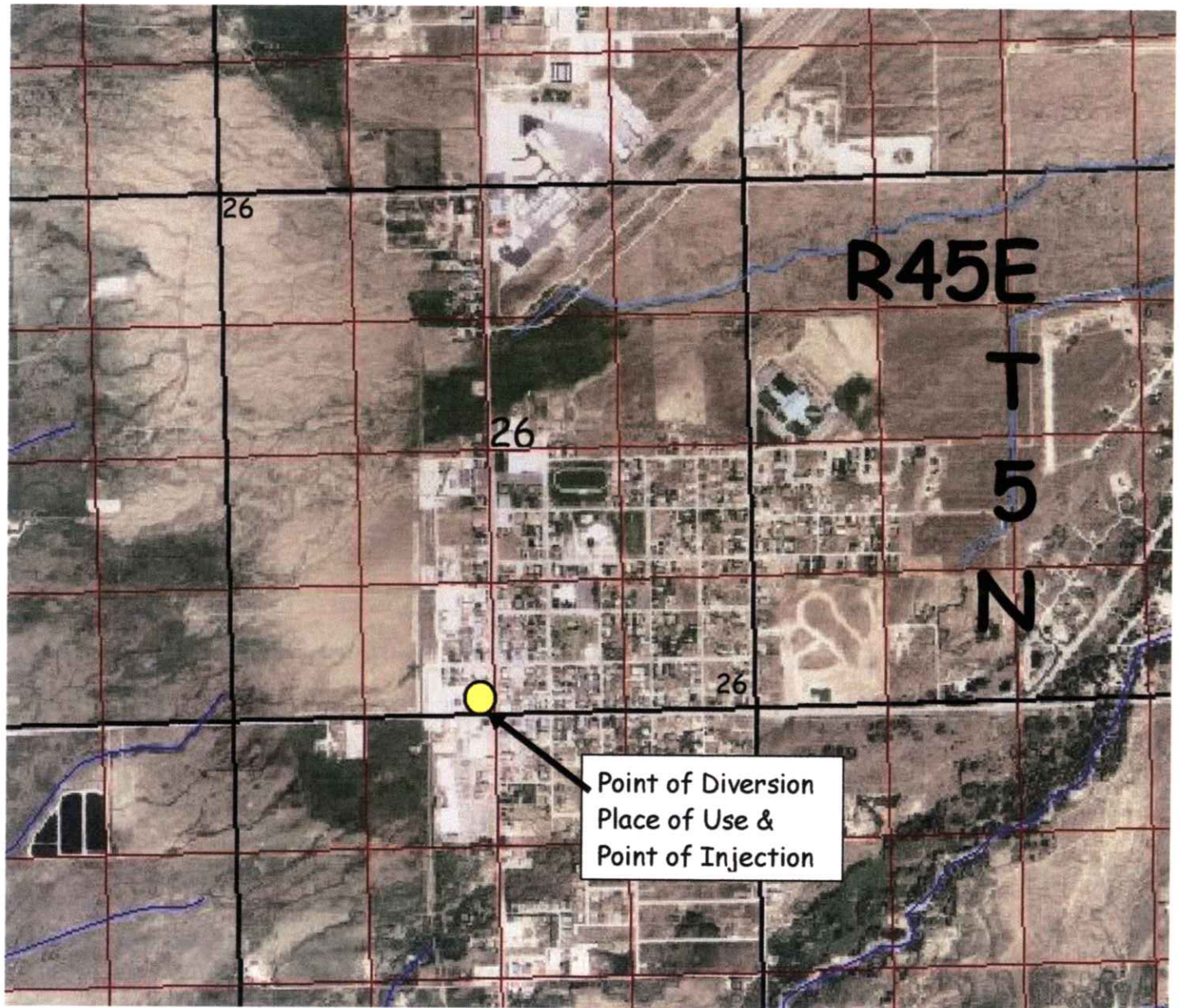
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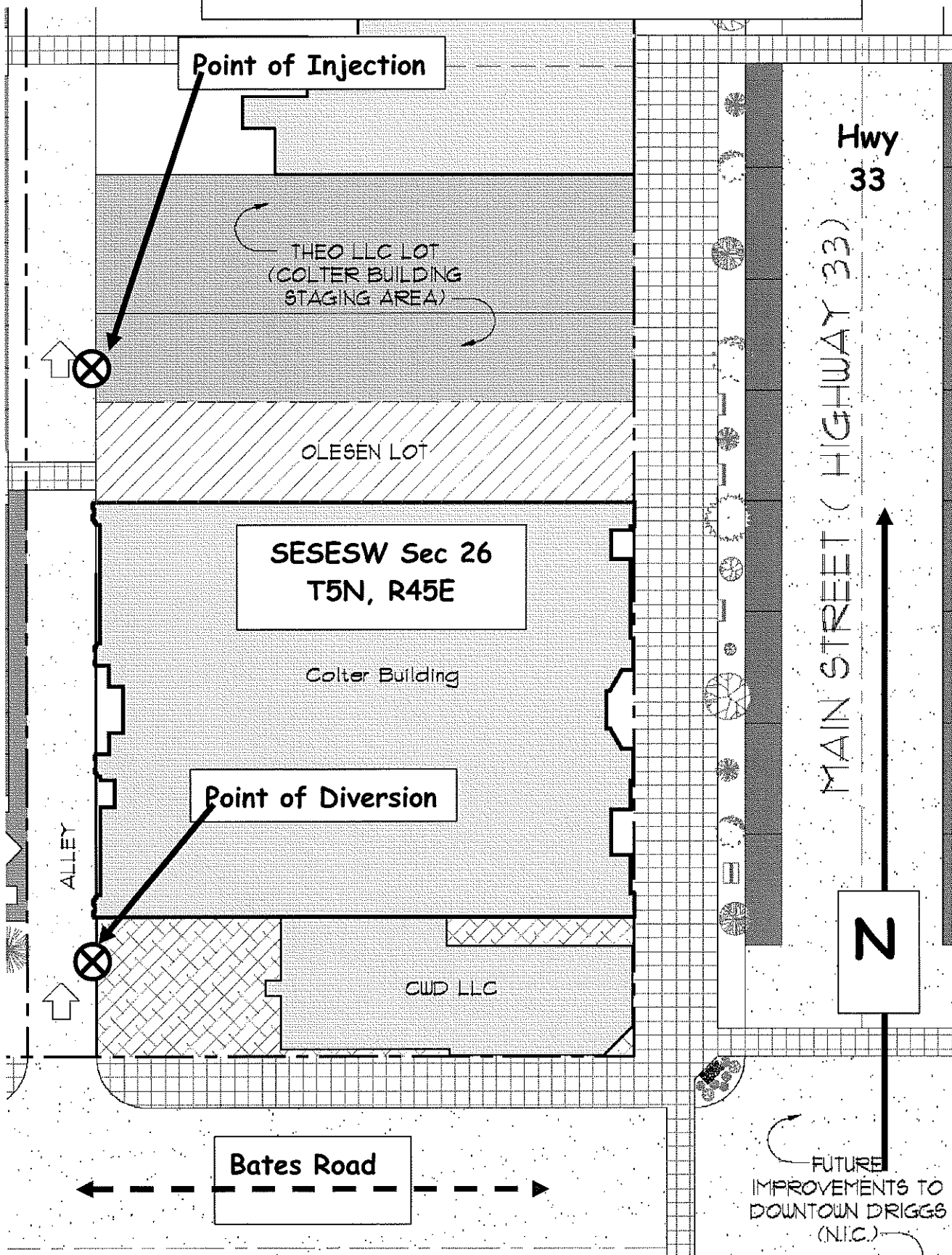


Point of Diversion, Place of Use & Point of Injection

DUBBE-MOULDER PROJECT



DUBBE-MOULDER PROJECT



IDAHO SECRETARY OF STATE
Viewing Business Entity

Ben Ysursa, Secretary of State

TALL BOY, LLC

PO BOX 610
VICTOR, ID 83455

Type of Business: LIMITED LIABILITY COMPANY

Status: EXISTING, ANREPT SENT 02 Jan 2007

State of Origin: DELAWARE

Date of 01 Mar 2006

Origination/Authorization:

Current Registered Agent: GEORGE N GILLET III
73 N MAIN ST STE 1
VICTOR, ID 83455

File Number: W48030

Date of Last Annual 18 Jan 2007

Report:

No.	W 48030	
Return to:	SECRETARY OF STATE 700 WEST JEFFERSON PO BOX 83720 BOISE, ID 83720-0080	
NO FILING FEE IF RECEIVED BY DUE DATE		
Due no later than March 31, 2007 Annual Report Form		2. Registered Agent and Office NO PO BOX
1. Mailing Address - Correct in this box, if applicable		GEORGE N GILLET III 73 N MAIN ST STE 1 VICTOR, ID 83455
		3. New Registered Agent Signature
4. Limited Liability Companies: Enter Names and Addresses of Managers.		
Office held	Name	Street or P.O. Address
Manager	George N. Gillett, III	PO Box 610
		City
		Victor
		State
		ID
		Zip
		83455
5. Organized Under the Laws of: DELAWARE W 48030		
6. Signature <i>[Signature]</i>		Date 1-9-07
Name (Typed or Printed) George N. Gillett, III		Title Manager

Issued 01/02/2007

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APPLICATION FOR REGISTRATION OF FOREIGN LIMITED LIABILITY COMPANY

(Instructions on back of application)

2006 MAR -1 AM 10:58

SECRETARY OF STATE
STATE OF IDAHO

1. The name of the limited liability company is:

Tall Boy, LLC

2. If the name of the limited liability company is not permissible or is not available in Idaho, the name the foreign limited liability company will use in Idaho is:

3. The jurisdiction under whose laws the limited liability company is organized is: Delaware
and the date of its formation was: 19 April 2004

4. The name and address of the registered agent in Idaho is:

George N. Gillett, III c/o Tall Boy, LLC 73 North Main St., Suite 1, Victor, ID 83455

5. The address of the limited liability company's office in the jurisdiction under whose laws it is organized is:

c/o The Corporation Trust Company, 1209 Orange Street, Wilmington, DE 19801

6. The address of the limited liability company's principal office, if other than the address in #5 above, is:

c/o 73 North Main St., Suite 1, Victor, ID 83455

7. The address to which correspondence should be addressed is:

c/o Booth Creek Management, PO Box 610, Victor, ID 83455

8. Signature of a manager, if any, or a member
if there are no managers.

Signature

Typed Name

George N. Gillett, III

Manager ☒ Member ☐

Secretary of State use only

g:\corp\form\llc form\appforregforllc.htm
Revised 09/2002

Web Form

W48030
IDAHO SECRETARY OF STATE
03/01/2006 05:00
CK: 1027 CT: 197465 BH: 940432
1 @ 100.00 = 100.00 REGFORLLC # 2

Delaware

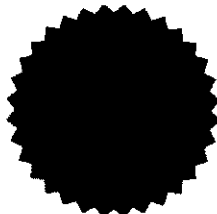
PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "TALL BOY, LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE NINTH DAY OF FEBRUARY, A.D. 2006.

AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL TAXES HAVE BEEN PAID TO DATE.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "TALL BOY, LLC" WAS FORMED ON THE NINETEENTH DAY OF APRIL, A.D. 2004.



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Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 4513878

DATE: 02-09-06