

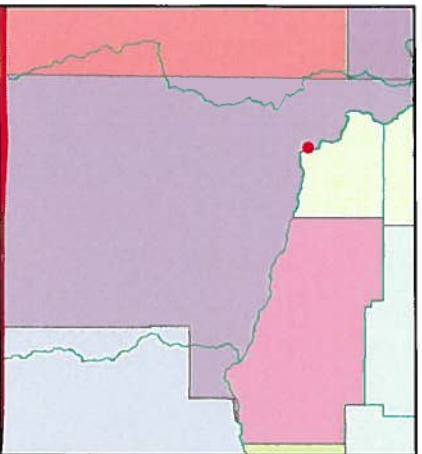
		47-17578 (Split of 47-7354 supplied by Woodman and Flint wells)				
		Property owners: Flint Greenhouses of Idaho				
	S 6.02A of Tax # 1418 of Lot 7					
constructed	POU	NOU	permit rate (cfs)	license rate (cfs)	license volume (AFA)	pt of discharge
	1981 office (no setup date at location)	domestic	0.02	0.02	0.6	septic
	1981 office	heating		0.0128	1.38	south pond
	1980 single vault greenhouse	heating		0.046	12.73	south pond
	1983 Paul Flint home	domestic	0.02	0.02	0.6	septic
	1983 Paul Flint home	heating		0.0139	1.56	Snake R
1983?	Paul Flint pool	recreation		0.115	11.16	Snake R
	1984 20-vault greenhouse, south 1/2	heating		0.58	131.6	South pond
no info	South pond	recreation		0.58	131.6	
	Flint Greenhouse Subtotals					
		domestic		0.04	1.2	
		heating		0.6527	145.89	
		recreation		0.115	11.16	
		Property owners: Jerry and Alpha Woodman (now Terry Reid & Sharon Davies-Reid)				
	Tax #994					
constructed	POU	NOU	permit rate (cfs)	license rate (cfs)	license volume (AFA)	pt of discharge
	1961 Woodman home	domestic	0.02	0.02	0.6	septic
	1961 Woodman home & garage	heating		0.026	2.89	no info
	1980 Woodman shop	heating		combined	0.11	no info
	1961 Woodman hot tub	recreation		0.044	4.71	no info
	Tax #1444 of Lot 7	location is currently a vineyard				
constructed	POU	NOU	permit rate (cfs)	license rate (cfs)	license volume (AFA)	pt of discharge
?pre 1987	doublewide mobile home	domestic	0.02	0.02	0.6	septic
?pre 1987	doublewide mobile home	heating		0.014	1.7	no info
?pre 1987	mobile home's hot tub	recreation		0.014	0.83	ground
	Davies-Reid Subtotals					
		domestic		0.04	1.2	
		heating		0.04	4.7	
		recreation		0.058	5.54	



Water Right
47-17578
(DOMESTIC)

Idaho Department of Water Resources

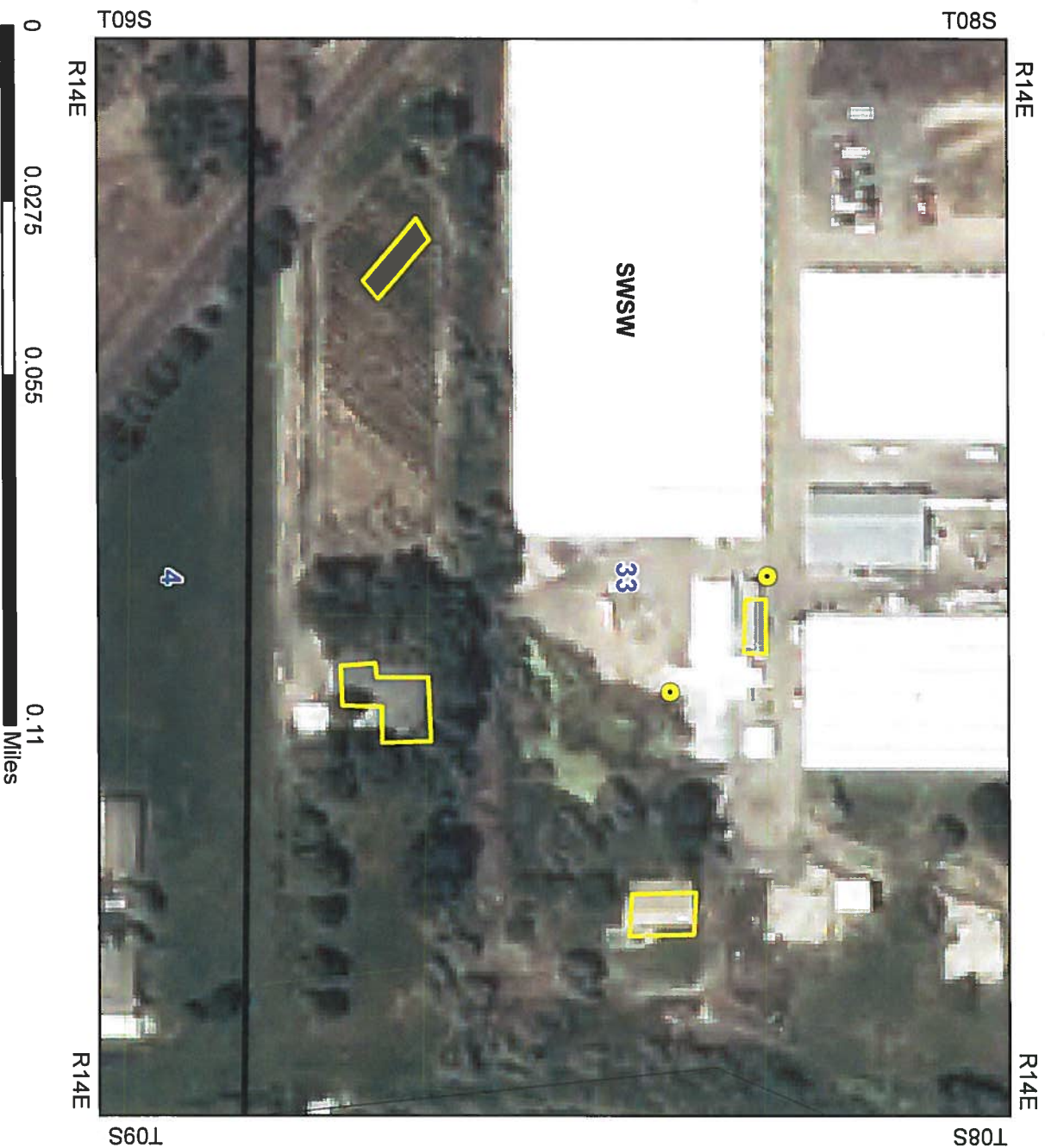
- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters
- Taxlots



Twin Falls County
IDWR Basin 47



Prepared by Edl, Michele
2009 Aerial Photography

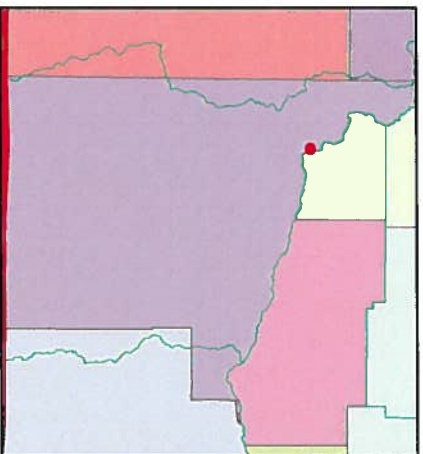




Idaho Department of Water Resources

Water Right
47-17578
(HEATING)

- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters
- Taxlots

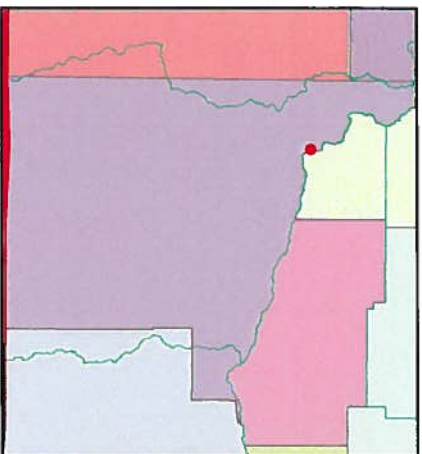




Water Right
47-17578
(RECREATION)

Idaho Department of Water Resources

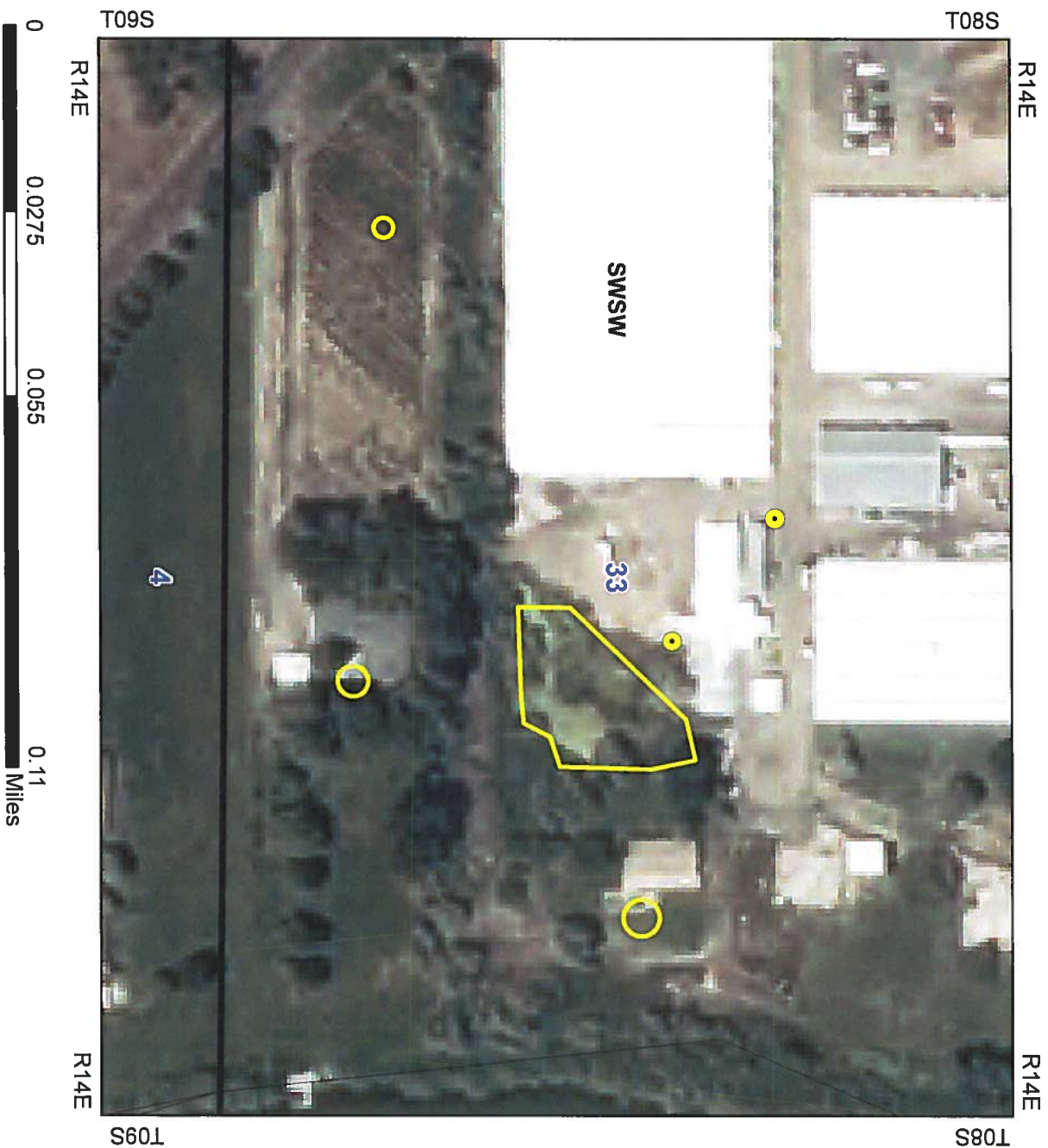
- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters
- Taxlots

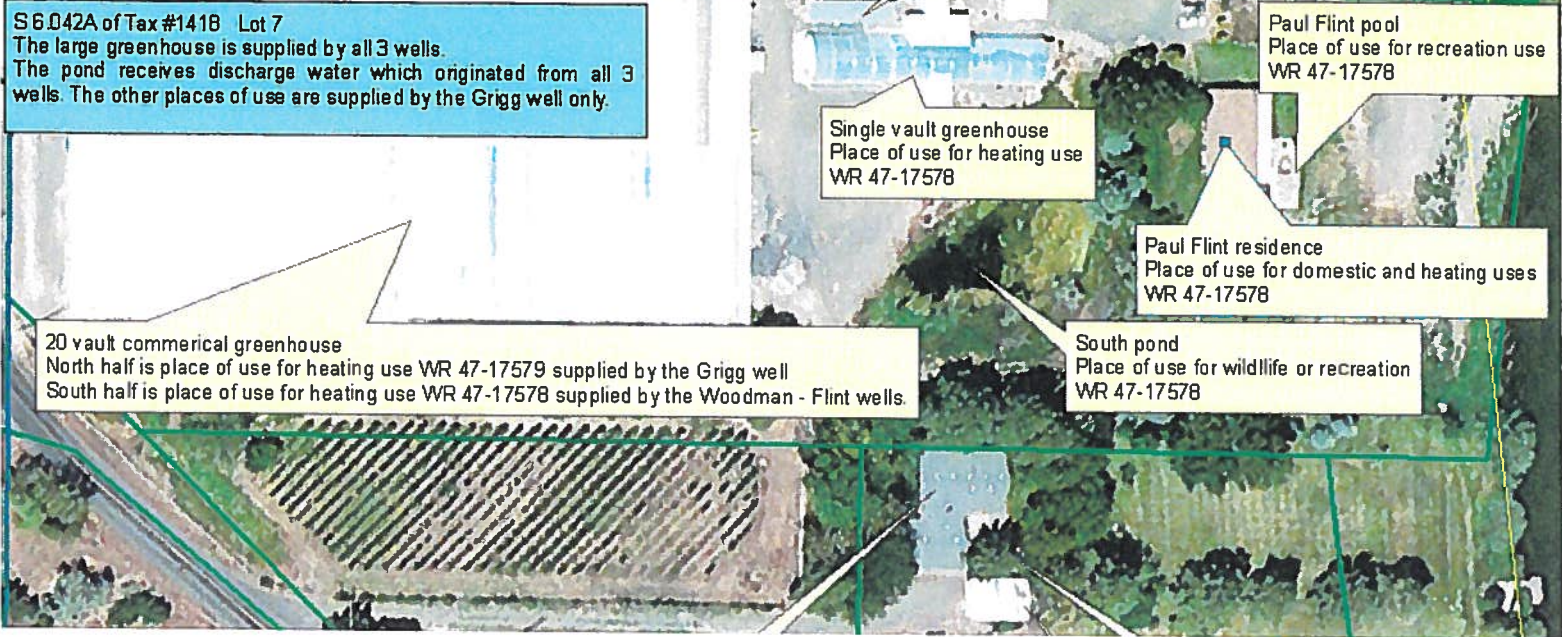


Twin Falls County
IDWR Basin 47



Prepared by Edl, Michele
2009 Aerial Photography





S6.042A of Tax #1418 Lot 7
The large greenhouse is supplied by all 3 wells.
The pond receives discharge water which originated from all 3 wells. The other places of use are supplied by the Grigg well only.

Office
Place of use for domestic and heating WR 47-17578

Paul Flint pool
Place of use for recreation use
WR 47-17578

Single vault greenhouse
Place of use for heating use
WR 47-17578

Paul Flint residence
Place of use for domestic and heating uses
WR 47-17578

20 vault commercial greenhouse
North half is place of use for heating use WR 47-17579 supplied by the Grigg well
South half is place of use for heating use WR 47-17578 supplied by the Woodman - Flint wells.

South pond
Place of use for wildlife or recreation
WR 47-17578

MH08S14E33607BA

4788 B RIVER RD BUHL 83316

Record # **R01**

Image:

Sketch Date 11/01/2006



Data Collection:

MH08S14E33607B.R01.JPG

2020 07/14/2006



Improvement Summary:

Type	Yr Bk	EFYr	Grade	Cond	Size	WidthxLength	Height	Capacity	Quantity	Rate/SF	RCN	Depr %	RCNLD	%Comp	RD/FLOC %	Market Value	Price Msg
MH-ONE	1981	1981	Fair	Fair	700 SF	14 x 50				\$ 24.94	\$ 18,480	70%	\$ 5,540	100%	100%	\$ 5,540	
Total Improvements: 1										Total Market Value							\$ 5,540

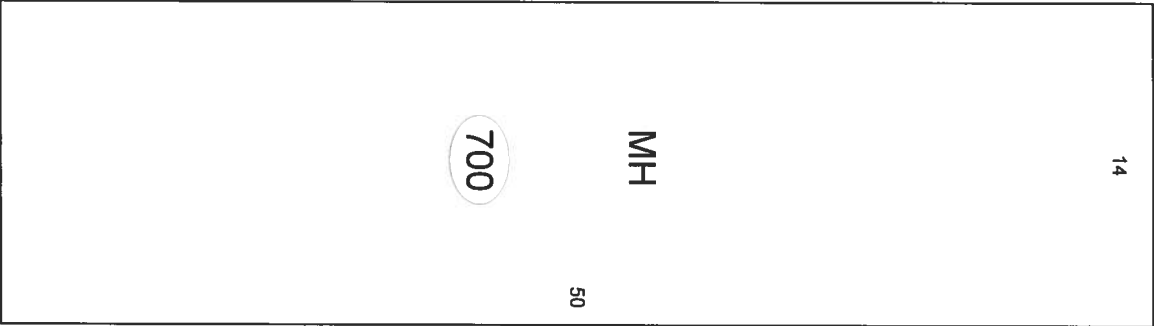
ProVal Sketch Worksheet FLINT, PAUL GREENHOUSE

Parcel ID: MH08S14E33607BA

Calculated Areas

<u>Label</u>	<u>Area</u>
MH	700

Total finished living area: 0 SF



SCALE = 60' PER SIDE

RP08S14E336070A

4794 RIVER RD BUHL 83316

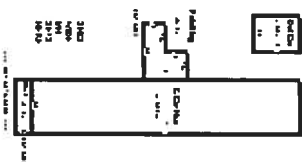
2nd GREENHOUSE & SHOP BLDG Record # C02

Image:



COPIED 7/20/11
SCALE: 1/8" = 1'-0"

8011 4/20/10
31' x 13' 0" BLDG



Data Collection:

RP08S14E336070C022.JPG

Improvement Summary:

Type	Yr Bld	Eff Yr	Grade	Cond	Size	Width x Length	Height	Capacity	Quantity	Rate/SF	RCN	Depr %	RCNLD	% Comp	RDFilec %	Market Value	Price Msg
CGRNHSE	1984	1984	Fair	Avg	4,320 SF	30 x 144	10		1	\$ 4.60	\$ 19,870	33%	\$ 13,310	100%	100%	\$ 13,310	
DETGAR	1984	1984	Fair	Avg	480 SF	20 x 24	9		1	\$ 24.58	\$ 12,170	33%	\$ 8,150	100%	100%	\$ 8,150	
UNCP	1984	1984	Avg	Avg					1	\$	\$ 1,000	33%	\$ 670	100%	100%	\$ 670	
TOLEBLDG	1984	1984	Fair	Avg	540 SF	12 x 30	12		1	\$ 8.11	\$ 8,680	33%	\$ 5,820	100%	100%	\$ 5,820	
Total Improvements: 4																Total Market Value	\$ 27,950

Parcel ID: RP08S14E336070A

C02 PAGE 2 OF 2
SCALE = 250' PER SIDE

DBL WIDE
SETS HERE

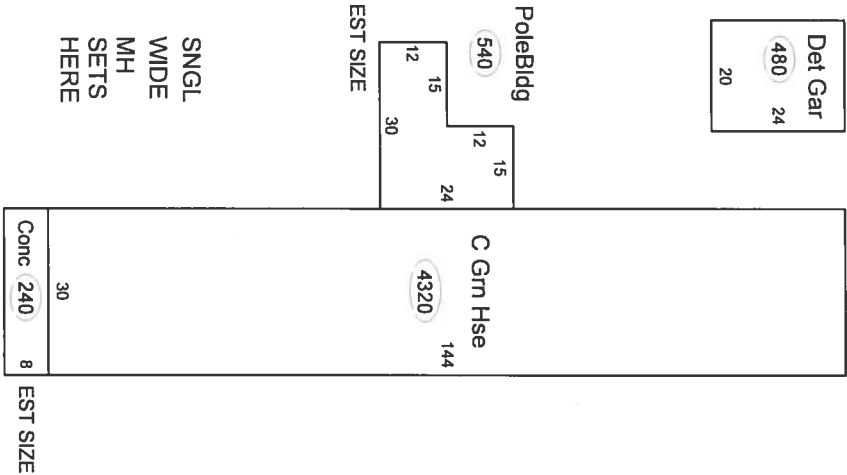
Calculated Areas

<u>Label</u>	<u>Area</u>
Conc	240

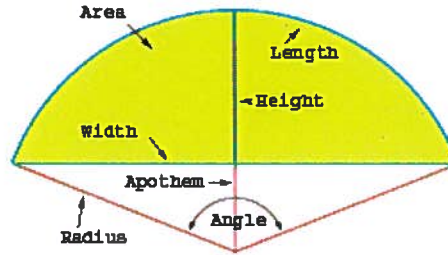
Perimeters and PARs

<u>Label</u>	<u>Perim</u>	<u>PAR</u>
Conc	76	32

N



REF document: Geothermal Direct-Use Engineering and Design Guidebook, Chapter 14 Greenhouses					
Theoretical heat in greenhouses for licensing 47-7354 and 47-7809 (Flint)					
created by Michele Edl					
		Bean house (constructed 1981)			
		1 single-vault arch or quonset			
30 ft		width			
144 ft		length			
3 ft		knee wall ht			
36.06 ft		arc length from web calculator assuming 11.5 ft height			
				90	rectangular area
540.92 ft^2		area end wall (corrugated fiberglass)		180.46	segment area
864 ft^2		area side walls (fiberglass)			
5192.64 ft^2		area roof (poly film)			
4320 ft^2		floor area			
90.52		delT = design temp difference= Ti-To			
68		Ti = design inside temp			
-22.52		To = design outside temp			
0.7		U1	glazing material U factor		double poly U
1		U2			for wind speed of 15 mph
				fiberglass U	for wind speed of 15 mph
		qt = heat loss transmission			
432737.02 BTU/h		qt = (Apoly x delT x Upoly) + (Afiber x delT x Ufiber)			
77892.48		V= volume = end wall area x length			
0.7		ACH= air change/hr		double poly w/ low fiberglass side 0.5-1.0	
		qi = heat loss infiltration			
88840.424 BTU/h		qi=ACH x V x delT x 0.018			
521577 BTU/hr		qt = qp + qi = total greenhouse heating requirement			
120.73552 BTU/ft^2		BTU per ft^2 of floor area			

handymath.com*Solutions For Technicians*[Home](#)[Calculators](#)[Guidelines](#)[Contact](#)**The Complete Circular Arc Calculator**

Color Code

Entered Values

Calculated Values

Radius of Arc (ft)	Length of Arc (ft)	Width of Arc (ft)	Height of Arc (ft)	Apothem (ft)	Angle Subtended by Arc (deg)	Area of Segment (ft ²)
17.48529	36.05810	30	8.5	8.98529	118.15513	180.46387

[Back to Calculator](#)*"Beanhouse"**assumed*

11.5 ft ridge ht
- 3 ft knee wall ht

8 ft arc

MH08S14E33607AA

4788 A RIVER RD BUHL 83316

Record # R01

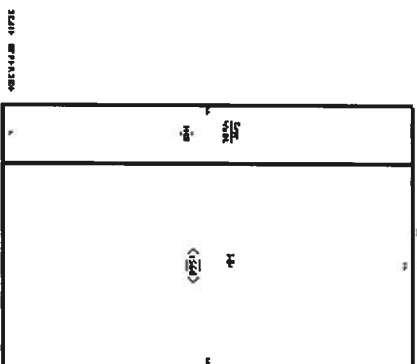
Image:

Sketch Date 11/01/2006



Data Collection:

MH08S14E33607A.R011.JPG



Improvement Summary:

Type	Yr Bt	Est Yr	Grade	Cond	Size	Width x Length	Height	Capacity	Quantity	Rate/SF	RCN	Depr %	RCNLD	% Comp RD/Ft Loc %	Market Value	Price Msg
MH-OME	1983	1983	Avg	Avg	1,568 SF	28 x 56				\$ 27.03	\$ 46,470	40%	\$ 27,880	100%	\$ 27,880	
WDDK	1983	1983	Fair	Avg	448				1	\$ 4,990	40%	\$ 2,990	100%	100%	\$ 2,990	
Total Improvements: 2															Total Market Value	\$ 30,870

ProVal Sketch Worksheet

FLINT, PAUL

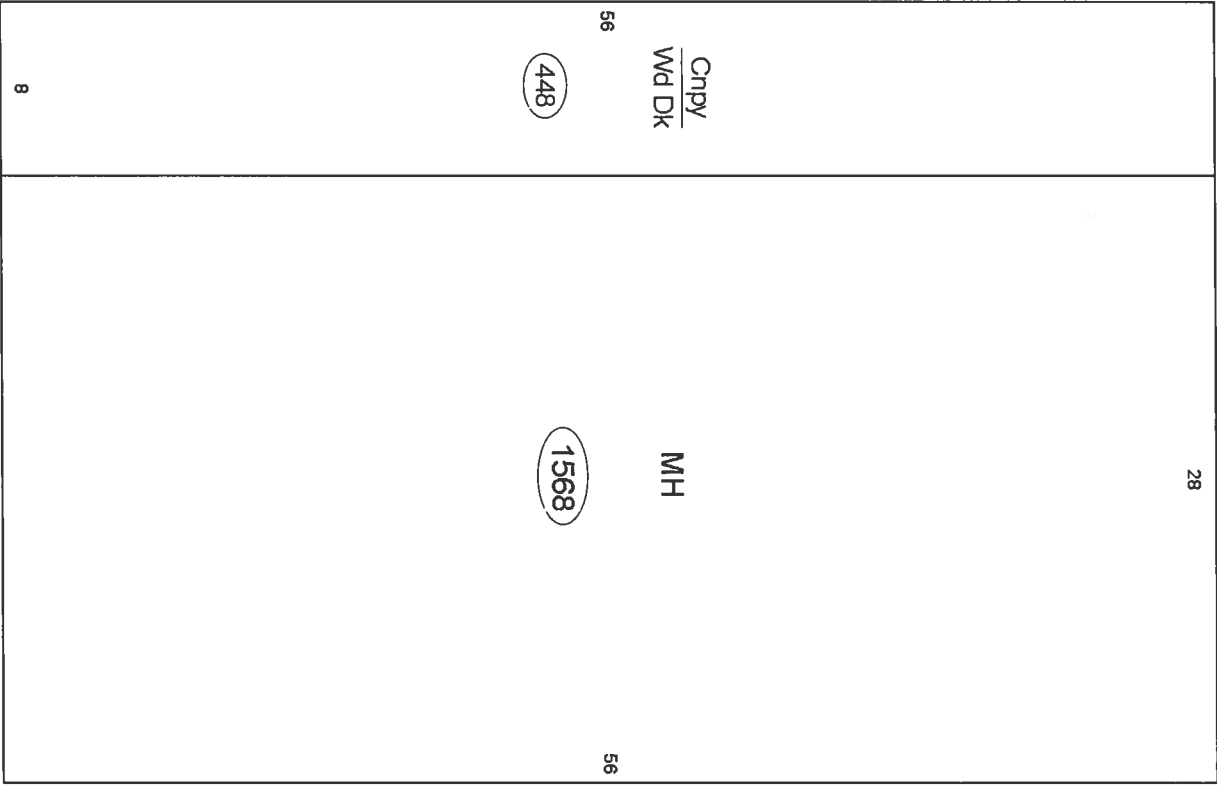
Parcel ID: MH08S14E33607AA

Calculated Areas

<u>Label</u>	<u>Area</u>
MH	1568
Wd Dk	448

Total finished living area: 0 SF

SCALE = 60' PER SIDE



LAST	CONFORMING	NO. OF WIDTHS	ESTIMATE	DATE	INTERIOR INSPECTED	1	2	3	PRESENT AT INSPECTION?	OWNER	TENANT	3
YES	NO	1	2	3	YES	NO	REFUSED					
LIVING ROOM	KITCHEN	DINING ROOM	FAMILY/REC.	BED ROOMS	BATH ROOMS	OTHER ROOMS	FIRE PLACE	FLOOR AREA	DIMENSIONS	AREA	RATE	BASE COST
1	1	1	1	1	1	1	1	28 X 56	1568			
REMARKS								TIP-OUT / EXPANDO	X			
								TIP-OUT / EXPANDO	X			
								ADD ON ROOM	X			
TOTAL										1568	17.30	27,126
FOUNDATION 01 CONC. 02 MSRY 03 PIER 04 ROCK 05 WOOD 06 MORE 07 FOUNDATION RETAINING WALL LF 90												
EXTERIOR DOORS 01 METAL 02 HOUSE TYPE 03 SLIDING GLASS 90												
WALLS 01 ALUM PANEL 02 ALUM LAP 03 WOOD PANEL 04 WOOD LAP 90												
WINDOWS 01 5' BAY 02 7' BAY 03 STORM WINDOWS 04 ALUM AWNINGS SF 90												
ROOF STYLE 01 FLAT / ARCHED 02 GABLE 90												
COVERING 01 SHEET METAL 02 COMP. SHINGLES 03 WOOD SHINGLES 90												
MISCELLANEOUS 01 RAVES 112 LF 02 GUTTER / DOWN SPOUTS LF 90												
INTERIOR CABINETS 01 SOFTWOOD 02 HARDWOOD 90												
WALLS 01 SOFTWOOD 02 HARDWOOD 03 PHOTO PRINT 04 DRYWOOD 90												
CARPETING 01 LIGHTWEIGHT 02 MEDIUM WEIGHT 03 HEAVY WEIGHT 90												
MISCELLANEOUS 01 MITCH / BUFFET BUILT-IN 90												
BUILT-IN APPLIANCES 01 RANGE 02 HOOD / FAN 03 DISHWASHER 04 GARBAGE DISP. 90												
05 COOKTOP - REGULAR UNIT 06 COOKTOP - DELUXE UNIT 07 COOKTOP - EXHAUST SYSTEM 08 SINGLE OVEN 09 DOUBLE OVEN 90												
10 DOUBLE OVEN w/MICROW 11 MICROWAVE OVEN 12 TRASH COMPACTOR 90												
PLUMBING 01 KITCHEN SINK 02 WATER HEATER 03 LAUNDRY HOOKUP 04 LAUNDRY TUB 90												
05 LAVATORIES 06 TOILETS 07 TUB WITH SHOWER 08 TUB WITHOUT SHOWER 09 STALL SHOWER 90												
10 WET BAR - BOOKCASE TYPE 11 WET BAR - WALK BEHIND TYPE 90												
HEATING SYSTEM 01 GAS 02 OIL 03 ELECTRIC 90												
HEATING SYSTEM 01 FORCED AIR HEATING 02 FORCED AIR HEAT & COOLING 90												
03 HEAT PUMP - 2 TON 04 HEAT PUMP - 2 1/2 TON 05 HEAT PUMP - 3 TON												
HEATING & COOLING ACCESSORIES 01 EVAP. COOLER 02 REFRIG. COOLER - 2 TON 03 REFRIG. COOLER - 3 TON 90												
SPECIALS/REMARKS 90 91 92 93												

MARKET GRADE

PHYSICAL P F A G E
 FUNCTIONAL P F A G E
 ECONOMIC P F A G E

TOTAL BASE COST AND ADJUSTMENTS

1 \$ 30,802

19

20
 21
 22
 23

MARKET VALUE

\$ 30,802

88- 80%

89- 76% 80%

91- 80% 24642

95 x 115 = 2833

Spreadsheet created by Geo-Heat Center Direct Use Software					
		HEAT LOSS FROM PONDS			
OPEN POOL		Paul Flint (no longer in use)			
1. Resource temp		112 F			
2. Length		30 ft	vol ~620 ft^3		
3. Width		10 ft			
4. Water temp		84 F			
5. Wind velocity		20 mph			
6. Air temp		37.5 F	average min		
7. Cover thickness		0.00 in			
8. Cover "k"		0.40 btu in/hr sqft F			
9. Relative humidity		20 %			
10. Calculated water vap pres		0.569 psia			
1. Evaporative Loss		153594 btu/hr	512.0 btu/hr sqft		
2. Convective Loss		76296 btu/hr	254.3 btu/hr sqft		
3. Radiant Loss		12777 btu/hr	42.6 btu/hr sqft		
4. Conductive Loss		2709 btu/hr	9.0 btu/hr sqft		
5. Total Loss		245377 btu/hr	817.9 btu/hr sqft		
6. Required flow rate		17.5 gpm			
		448.83 gpm/cfs			
		0.04 cfs to maintain temperature			
		measured 0.115 cfs to fill			
ha	5.47	3	refill 3 days/wk		
x/k	0.00	121.67	days if 3 times per week yr round		
p. press	0.023	0.115	cfs		
area	300.00	1.5	hr to fill (interpreted field notes)		
surf temp	84.00	5400	sec to fill		
U	5.47	621	cubic ft (aprox vol)		
		75555	cubic ft/yr		
		43560	= cubic ft/acre ft		
		1.7345041	AFA to fill		
		1.9835	cfs/acre ft day		
		9.4238216	AFA to maintain after filled		

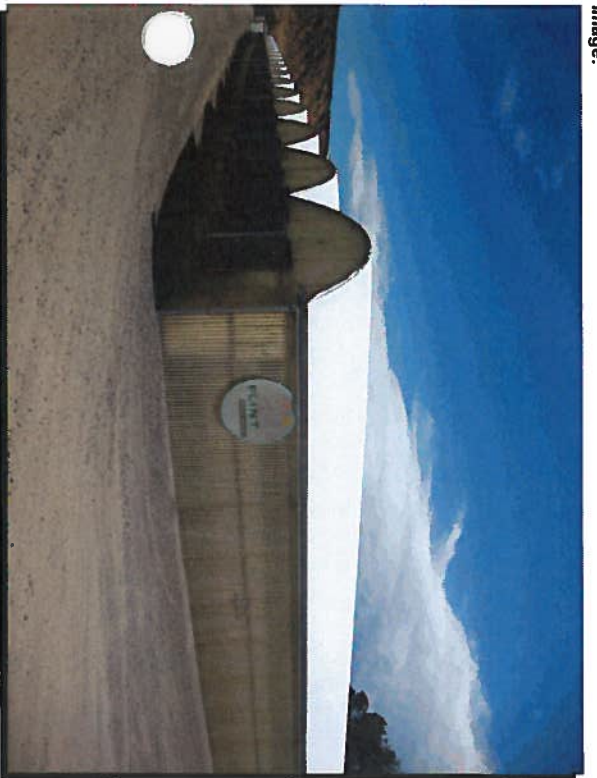
Parameter	Value	Unit	Explanation	Weather station data	Design at 95% or mean +/- 2.5 D.
HL	peak heating load in BTU/hr		generally design peak load is used see memo 24 for estimate	HDD mean HDD S.D.	Design HDD = 535.86 -4.46 9.03
DO	annual heating degree days		usually 65 deg F Base	Min temp mean Min temp S.D.	Design To = -22.52
CD	24 hrs/day				
deltaT1	design indoor temp minus design outdoor temp		for heating DO in range 4000-7000 Ctd = 0.6		
k	correction factor to account for losses. Use 90		9 is a fully-condensing boiler		
C	constant to correct for units		for Volume in Af use C = 2.72x10^6 BTU/Af-deg F		
deltaT2	temp of incoming geothermal water minus temp of outgoing				
Area of floor space	liveable floor space in ft^2 given by assessor				
Geo-Heat gives 5.20 BTU/hr per square ft of floor space					
Admin memo 23 suggests range 25-75 BTU/hr-sq.ft					
Suggested Range 8 BTU/hr-ft^2					
DO	7840	BTU/hr-ft^2	DO	1568 Paul Flint home	
CD	24	hrs/day	CD	24	
deltaT1	7156.55	deg F	deltaT1	7156.55	
k	0.65		k	0.65	
C	0.9		C	0.9	
deltaT2	27		deltaT2	27	
HL	15680	BTU/hr	HL	15680	
DO	23520	BTU/hr	DO	23520	
CD	31360	BTU/hr	CD	31360	
deltaT1	39700	BTU/hr	deltaT1	39700	
k	97197.81	BTU/hr	k	97197.81	
C	47040	BTU/hr	C	47040	
deltaT2	66318.34	BTU/hr	deltaT2	66318.34	
HL	54880	BTU/hr	HL	54880	
DO	56448	BTU/hr	DO	56448	
CD	62720	BTU/hr	CD	62720	
deltaT1	7156.55	deg F	deltaT1	7156.55	
k	0.65		k	0.65	
C	0.9		C	0.9	
deltaT2	27		deltaT2	27	
HL	78400	BTU/hr	HL	78400	
DO	86240	BTU/hr	DO	86240	
CD	94080	BTU/hr	CD	94080	
deltaT1	101920	BTU/hr	deltaT1	101920	
k	109760	BTU/hr	k	109760	
C	7156.55	deg F	C	7156.55	
deltaT2	24		deltaT2	24	
HL	15680	BTU/hr	HL	15680	
DO	23520	BTU/hr	DO	23520	
CD	31360	BTU/hr	CD	31360	
deltaT1	39700	BTU/hr	deltaT1	39700	
k	97197.81	BTU/hr	k	97197.81	
C	47040	BTU/hr	C	47040	
deltaT2	66318.34	BTU/hr	deltaT2	66318.34	
HL	54880	BTU/hr	HL	54880	
DO	56448	BTU/hr	DO	56448	
CD	62720	BTU/hr	CD	62720	
deltaT1	7156.55	deg F	deltaT1	7156.55	
k	0.65		k	0.65	
C	0.9		C	0.9	
deltaT2	27		deltaT2	27	
HL	78400	BTU/hr	HL	78400	
DO	86240	BTU/hr	DO	86240	
CD	94080	BTU/hr	CD	94080	
deltaT1	101920	BTU/hr	deltaT1	101920	
k	109760	BTU/hr	k	109760	
C	7156.55	deg F	C	7156.55	
deltaT2	24		deltaT2	24	
HL	15680	BTU/hr	HL	15680	
DO	23520	BTU/hr	DO	23520	
CD	31360	BTU/hr	CD	31360	
deltaT1	39700	BTU/hr	deltaT1	39700	
k	97197.81	BTU/hr	k	97197.81	
C	47040	BTU/hr	C	47040	
deltaT2	66318.34	BTU/hr	deltaT2	66318.34	
HL	54880	BTU/hr	HL	54880	
DO	56448	BTU/hr	DO	56448	
CD	62720	BTU/hr	CD	62720	
deltaT1	7156.55	deg F	deltaT1	7156.55	
k	0.65		k	0.65	
C	0.9		C	0.9	
deltaT2	27		deltaT2	27	
HL	78400	BTU/hr	HL	78400	
DO	86240	BTU/hr	DO	86240	
CD	94080	BTU/hr	CD	94080	
deltaT1	101920	BTU/hr	deltaT1	101920	
k	109760	BTU/hr	k	109760	
C	7156.55	deg F	C	7156.55	
deltaT2	24		deltaT2	24	
HL	15680	BTU/hr	HL	15680	
DO	23520	BTU/hr	DO	23520	
CD	31360	BTU/hr	CD	31360	
deltaT1	39700	BTU/hr	deltaT1	39700	
k	97197.81	BTU/hr	k	97197.81	
C	47040	BTU/hr	C	47040	
deltaT2	66318.34	BTU/hr	deltaT2	66318.34	
HL	54880	BTU/hr	HL	54880	
DO	56448	BTU/hr	DO	56448	
CD	62720	BTU/hr	CD	62720	
deltaT1	7156.55	deg F	deltaT1	7156.55	
k	0.65		k	0.65	
C	0.9		C	0.9	
deltaT2	27		deltaT2	27	
HL	78400	BTU/hr	HL	78400	
DO	86240	BTU/hr	DO	86240	
CD	94080	BTU/hr	CD	94080	
deltaT1	101920	BTU/hr	deltaT1	101920	
k	109760	BTU/hr	k	109760	
C	7156.55	deg F	C	7156.55	
deltaT2	24		deltaT2	24	
HL	15680	BTU/hr	HL	15680	
DO	23520	BTU/hr	DO	23520	
CD	31360	BTU/hr	CD	31360	
deltaT1	39700	BTU/hr	deltaT1	39700	
k	97197.81	BTU/hr	k	97197.81	
C	47040	BTU/hr	C	47040	
deltaT2	66318.34	BTU/hr	deltaT2	66318.34	
HL	54880	BTU/hr	HL	54880	
DO	56448	BTU/hr	DO	56448	
CD	62720	BTU/hr	CD	62720	
deltaT1	7156.55	deg F	deltaT1	7156.55	
k	0.65		k	0.65	
C	0.9		C	0.9	
deltaT2	27		deltaT2	27	
HL	78400	BTU/hr	HL	78400	
DO	86240	BTU/hr	DO	86240	
CD	94080	BTU/hr	CD	94080	
deltaT1	101920	BTU/hr	deltaT1	101920	
k	109760	BTU/hr	k	109760	
C	7156.55	deg F	C	7156.55	
deltaT2	24		deltaT2	24	
HL	15680	BTU/hr	HL	15680	
DO	23520	BTU/hr	DO	23520	
CD	31360	BTU/hr	CD	31360	
deltaT1	39700	BTU/hr	deltaT1	39700	
k	97197.81	BTU/hr	k	97197.81	
C	47040	BTU/hr	C	47040	
deltaT2	66318.34	BTU/hr	deltaT2	66318.34	
HL	54880	BTU/hr	HL	54880	
DO	56448	BTU/hr	DO	56448	
CD	62720	BTU/hr	CD	62720	
deltaT1	7156.55	deg F	deltaT1	7156.55	
k	0.65		k	0.65	
C	0.9		C	0.9	
deltaT2	27		deltaT2	27	
HL	78400	BTU/hr	HL	78400	
DO	86240	BTU/hr	DO	86240	
CD	94080	BTU/hr	CD	94080	
deltaT1	101920	BTU/hr	deltaT1	101920	
k	109760	BTU/hr	k	109760	
C	7156.55	deg F	C	7156.55	
deltaT2	24		deltaT2	24	
HL	15680	BTU/hr	HL	15680	
DO	23520	BTU/hr	DO	23520	
CD	31360	BTU/hr	CD	31360	
deltaT1	39700	BTU/hr	deltaT1	39700	
k	97197.81	BTU/hr	k	97197.81	
C	47040	BTU/hr	C	47040	
deltaT2	66318.34	BTU/hr	deltaT2	66318.34	
HL	54880	BTU/hr	HL	54880	
DO	56448	BTU/hr	DO	56448	
CD	62720	BTU/hr	CD	62720	
deltaT1	7156.55	deg F	deltaT1	7156.55	
k	0.65		k	0.65	
C	0.9		C	0.9	
deltaT2	27		deltaT2	27	
HL	78400	BTU/hr	HL	78400	
DO	86240	BTU/hr	DO	86240	
CD	94080	BTU/hr	CD	94080	
deltaT1	101920	BTU/hr	deltaT1	101920	
k	109760	BTU/hr	k	109760	
C	7156.55	deg F	C	7156.55	
deltaT2	24		deltaT2	24	
HL	15680	BTU/hr	HL	15680	
DO	23520	BTU/hr	DO	23520	
CD	31360	BTU/hr	CD	31360	
deltaT1	39700	BTU/hr	deltaT1	39700	
k	97197.81	BTU/hr	k	97197.81	
C	47040	BTU/hr	C	47040	
deltaT2	66318.34	BTU/hr	deltaT2	66318.34	
HL	54880	BTU/hr	HL	54880	
DO	56448	BTU/hr	DO	56448	
CD	62720	BTU/hr	CD	62720	
deltaT1	7156.55	deg F	deltaT1	7156.55	
k	0.65		k	0.65	
C	0.9		C	0.9	
deltaT2	27		deltaT2	27	
HL	78400	BTU/hr	HL	78400	
DO	86240	BTU/hr	DO	86240	
CD	94080	BTU/hr	CD	94080	
deltaT1	101920	BTU/hr	deltaT1	101920	
k	109760	BTU/hr	k	109760	
C	7156.55	deg F	C	7156.55	
deltaT2	24		deltaT2	24	
HL	15680	BTU/hr	HL	15680	
DO	23520	BTU/hr	DO	23520	
CD	31360	BTU/hr	CD	31360	
deltaT1	39700	BTU/hr	deltaT1	39700	
k	97197.81	BTU/hr	k	97197.81	
C	47040	BTU/hr	C	47040	
deltaT2	66318.34	BTU/hr	deltaT2	66318.34	
HL	54880	BTU/hr	HL	54880	
DO	56448	BTU/hr	DO	56448	
CD	62720	BTU/hr	CD	62720	
deltaT1	7156.55	deg F	deltaT1	7156.55	
k	0.65		k	0.65	
C	0.9		C	0.9	
deltaT2	27		deltaT2	27	
HL	78400	BTU/hr	HL	78400	
DO	86240	BTU/hr	DO	86240	
CD	94080	BTU/hr	CD	94080	
deltaT1	101920	BTU/hr	deltaT1	101920	
k	109760	BTU/hr	k	109760	
C	7156.55	deg F	C	7156.55	
deltaT2	24		deltaT2	24	
HL	15680	BTU/hr	HL	15680	
DO	23520	BTU/hr	DO	23520	
CD	31360	BTU/hr	CD	31360	
deltaT1	39700	BTU/hr	deltaT1	39700	
k	97197.81	BTU/hr	k	97197.81	
C	47040	BTU/hr	C	47040	
deltaT2	66318.34	BTU/hr	deltaT2	66318.34	
HL	54880	BTU/hr	HL	54880	
DO	56448	BTU/hr	DO	56448	
CD	62720	BTU/hr	CD	62720	
deltaT1	7156.55	deg F	deltaT1	7156.55	
k	0.65		k	0.65	
C	0.9		C	0.9	
deltaT2	27		deltaT2	27	
HL	78400	BTU/hr	HL	78400	
DO	86240	BTU/hr	DO	86240	
CD	94080	BTU/hr	CD	94080	
deltaT1	101920	BTU/hr	deltaT1	101920	
k	109760	BTU/hr	k	109760	
C	7156.55	deg F	C	7156.55	
deltaT2	24		deltaT2	24	
HL	15680	BTU/hr	HL	15680	
DO	23520	BTU/hr	DO	23520	
CD	31360	BTU/hr	CD	31360	
deltaT1	39700	BTU/hr	deltaT1	39700	
k	97197.81	BTU/hr	k	97197.81	
C	47040	BTU/hr	C	47040	
deltaT2	66318.34	BTU/hr	deltaT2	66318.34	
HL	54880	BTU/hr	HL	54880	
DO	56448	BTU/hr	DO	56448	
CD	62720	BTU/hr	CD	62720	
deltaT1	7156.55	deg F	deltaT1	7156.55	
k	0.65		k	0.65	
C	0.9		C	0.9	
deltaT2	27		deltaT2	27	
HL	78400	BTU/hr	HL	78400	
DO	86240	BTU/hr	DO	86240	
CD	94080	BTU/hr	CD	94080	
deltaT1	101920	BTU/hr	deltaT1	101920	
k					

RP08S14E336070A

4794 RIVER RD BUHL 83316

FLINT GREENHOUSE Record # C01

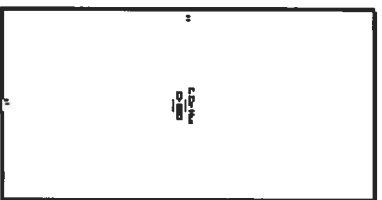
Image:



08/11/2011

08/11/2011

Sketch Date: 08/11/2011



Data Collection:

RP08S14E336070C011.JPG

S GH

Improvement Summary:

Type	Yr Bkt	Eff Yr	Grade	Cond	Size	Width x Length	Height	Capacity	Quantity	Rate/SF	RCN	Depr %	RCNLD	% Comp	RD/Fil Loc %	Market Value	Price Mfg
CGRNHSE	1984	1984	Fair	Avg	81,600 SF	204 x 400	10		1	\$ 4.35	\$ 354,960	33%	\$ 237,820	100%	100%	\$ 237,820	
Total Improvements: 1																Total Market Value	\$ 237,820

ProVal Sketch Worksheet

FLINT GREENHOUSES

Parcel ID: RP08S14E336070A

C01 PAGE 1 OF 1

SCALE = 500' PER SIDE

MM C02 SETS UP HERE MM

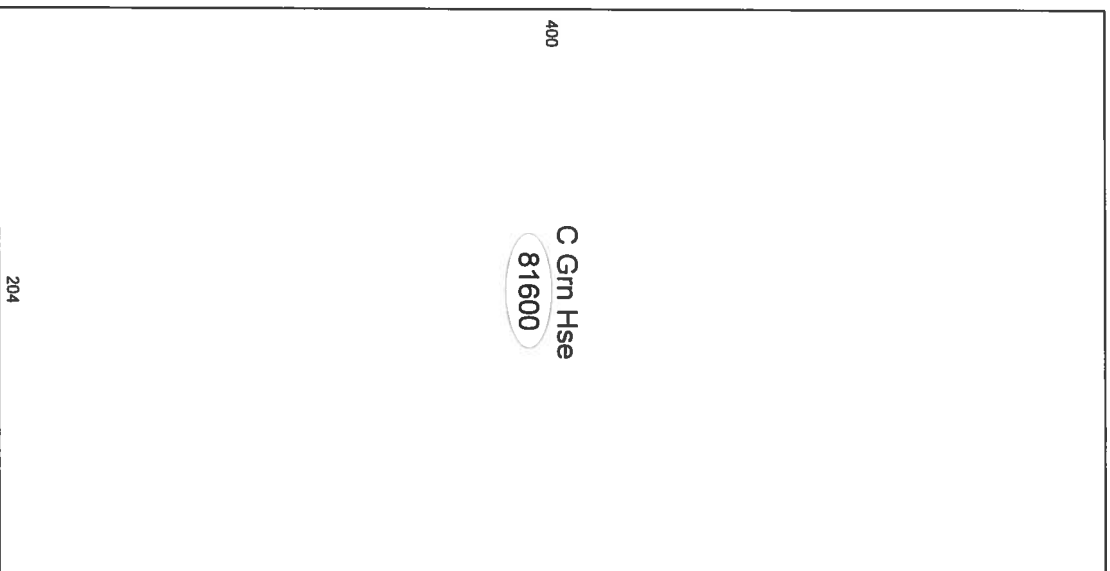
Calculated Areas

Label Area

Perimeters and PARs

Label Perim PAR

N



Sgt

COMMERCIAL BUILDING APPRAISAL RECORD

(COUNTY)

(ACCT. NO.)

CITY

SHEET

OF

NAME *Flint Greenhouses*

ADDRESS

CITY

1287642

DESCRIPTION: *73.8.14*

VALUE SUMMARY

BUILDING—DEPR. REPL. C.ST \$ *257,115*
 YARD IMPROVEMENTS—D.R.C. \$ *2416*
 OTHER IMPROVEMENTS—D.R.C. \$
 COST APPROACH—TOTAL D.R.C. \$ *259,531*
 INCOME APPROACH—BLDG. RES. \$
 MARKET APPROACH BLDG.—RES. \$
 IMP. VALUE CONCLUSION \$ *259,500*

LAST APPRAISAL

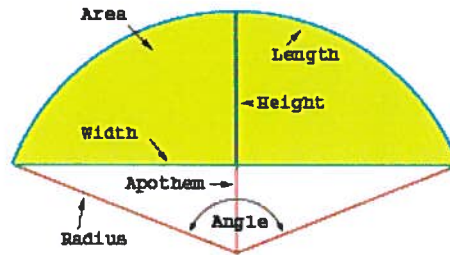
APPR. DATE APPR. VALUE \$

INTERIOR INSP.	YES	NO	OWNED	TENANT	MNGR.	LIST PRICE \$	PERCENT ADJ.	SQUARE FOOT	LUMP SUM
BUILT 19 <i>84</i>						AMOUNT \$	+	+	
CLASS: <i>greenhouses</i>									
TYPE <i>Arch</i>									
STORIES: <i>1</i>									
WALL HEIGHT: <i>12</i>									
FOUNDATION									
BASEMENT									
NONE									
FULL									
HTG. %									
FIRST DBL. FLOOR SGL.									
ROOF									
FLAT									
GAB.									
ARCH									
EXTERIOR WALL DBL. SGL.									
INTERIOR									
OTHER INTERIOR									
HEATING AND COOLING									
PLUMBING									
ELECTRICAL									
UPPER STORIES									
MISC.									

NO. OF UNITS	BACKED	STACKED	DETACHED
LAND:			
LOT SIZE	<i>x 1 ACRE</i>		<i>\$ 10,000</i>
DEPTH FACTOR			

SUMMARY OF BLDG. COMPUTATION	TOTALS	+	-	NET ADJ.
BASE COST \$				
BUILDING AREA <i>85,920</i>				
SQ. FT. X <i>3.15</i> PSF = <i>270,648</i>				
TOTAL BASE COST.....\$				
19 COST INDEX % X QUAL. % = % MODIFIER				
REPLACEMENT COST.....\$				
DEPRECIATION: % PHYSICAL % OBSOL. <i>95</i> % GOOD				
DEPRECIATED REPLACEMENT COST.....\$ <i>257,115</i>				
(TRANSFER TO VALUE SUMMARY)				

Theoretical heat in greenhouses for licensing 47-7354 and 47-7809 (Flint)			
created by Michele Edl			
			South greenhouse
20 vaults	1 vault		1 twenty-vault, gutter-connected greenhouse
400	20 ft		width
204	204 ft		length
8	8 ft		side wall ht
	22.6 ft		arc length from web calculator assuming 10 ft height
		160	rectangular area
8894.4	444.72 ft^2	62.36	segment area
3264	3264 ft^2		area side walls (corrugated fiberglass)
92208	4610.4 ft^2		area roof (double poly film)
81600	4080 ft^2		floor area
	90.52		delT = design temp difference= Ti-To
	68		Ti = design inside temp
	-22.52		To = design outside temp
	0.7		U1 glazing material U factor
	1		U2 double poly U and wind speed of 15 mph fiberglass U and wind speed of 15 mph
			qt = heat loss transmission
	5842667.712 BTU/h		qpoly = (Apoly x delT x Upoly)
	1100578.368 BTU/h		qfiber = (Afiber x delT x Ufiber)
	6943246.08 BTU/h		qt = qpoly + qfiber
	1814457.6		V= volume = end wall area x length
	1.3		ACH= air change/hr double poly w/ high fiberglass side 0.1-1.5
			qi = heat loss infiltration
	3843326.026 BTU/h		qi=ACH x V x delT x 0.018
	10786572.1 BTU/hr		qt = qp + qi = total greenhouse heating requirement
	132.1883836 BTU/ft^2		BTU per ft^2 of floor area

handymath.com*Solutions For Technicians*[Home](#)[Calculators](#)[Guidelines](#)[Contact](#)**The Complete Circular Arc Calculator**

Color Code

Entered Values

Calculated Values

Radius of Arc (ft)	Length of Arc (ft)	Width of Arc (ft)	Height of Arc (ft)	Apothem (ft)	Angle Subtended by Arc (deg)	Area of Segment (ft ²)
13.36111	22.59919	20	4.5	8.86111	96.91098	62.36405

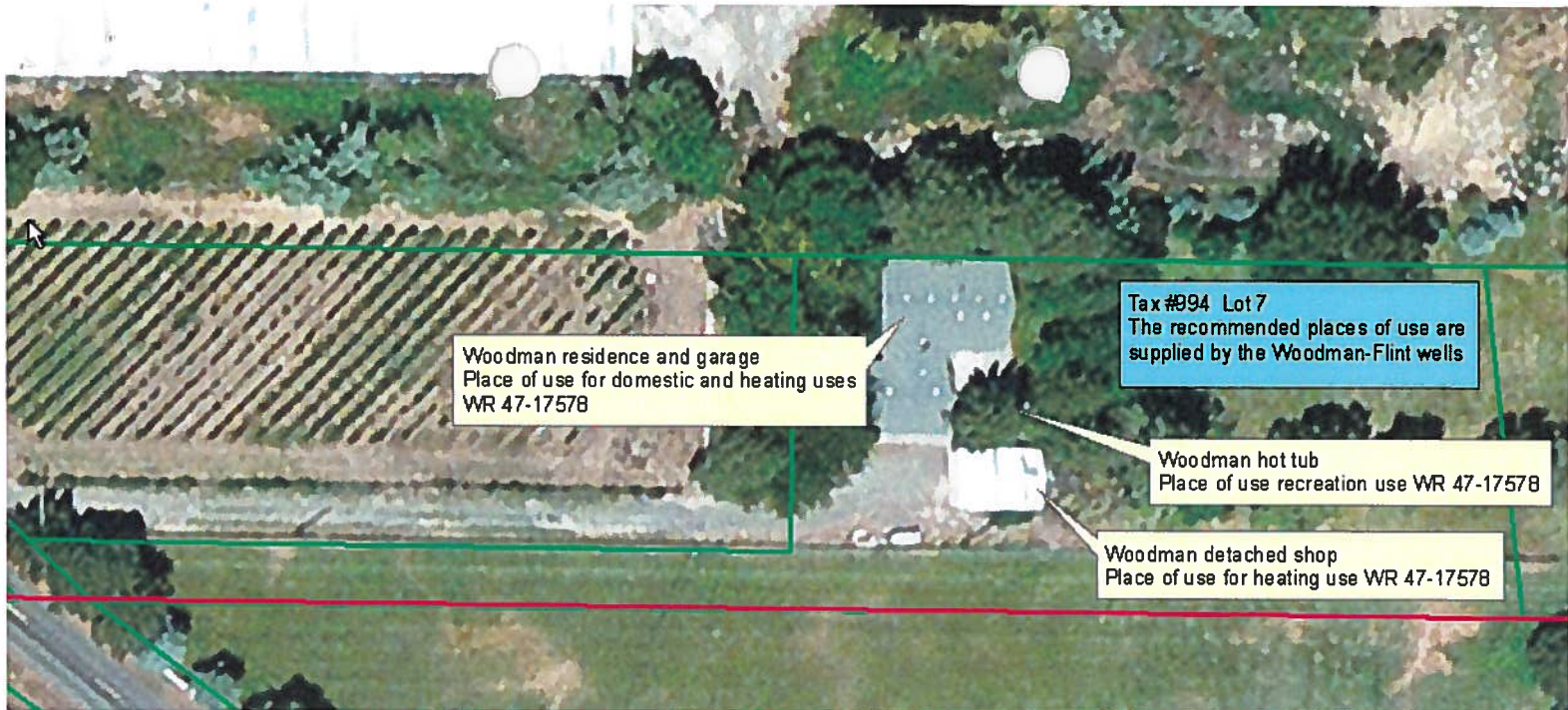
[Back to Calculator](#)

S GH @ vault

assumed ~ 11.5 ft ridge ht
 ~ 7 ft door ht

 4.5 ft arc

[illegible]



Woodman residence and garage
Place of use for domestic and heating uses
WR 47-17578

Tax #994 Lot 7
The recommended places of use are
supplied by the Woodman-Flint wells

Woodman hot tub
Place of use recreation use WR 47-17578

Woodman detached shop
Place of use for heating use WR 47-17578

Parcel No. 08 S 14 E 336 100 Code Area 11

Name/Address _____

Legal Description Sec 33 T8 R14TAX # 991 IN LOT 7Property Address 0000

Inspected By RH Date 9-24-87
Computed By RH Date 10-16-87
Certified Appraiser DB Date 10-22-87
Assessor DL Date 10-23-87
Reinspection _____ Date _____

IDAHO RESIDENTIAL

MISCELLANEOUS DATA

Class 5
Use Code 3411
Market Grade 3+
Shape Code B
Year Built 1961
Year Remodeled _____
Effective Age _____
Zoning Code _____
Date Occupied _____

SEE NEW APPRAISAL

Rebuilt

Building Permit

Interior Inspect.

Under Construct.

Photo No. 20, 21

YES	NO

PROPERTY RECORD

Sheet No. 1

VALUES SUMMARY

YEAR	88	YEAR	
Residence	\$ <u>31627</u>		
Garage	\$ <u>6001</u>		
Carport	\$ _____		
Other Improve.	\$ <u>3572</u>		
Total Improve.	\$ <u>49200</u>		
Land	\$ <u>14000</u>		
MARKET VALUE	\$ <u>63200</u>		

PURCHASE INFORMATION

Price _____	Date _____
Price _____	Date _____
Price _____	Date _____
Rent _____	Per _____ Date _____



LAND INFORMATION

01 NEIGHBORHOOD		02 OFF-SITE IMPROVEMENTS		03 TOPOGRAPHY		04 WATER FRONT PROPERTY		05 ON-SITE UTILITIES						
01 Urban	05 Zoned	Street	04 Asphalt/Concrete	01 Low	01 Lake	06 Beach:	01 Electricity	05 Public Water						
02 Suburban	06 Stable	01 None	05 Gravel/Dirt	02 Level	02 River/Creek	None P F A G E	02 Gas	06 Private Well						
03 Rural	07 Improving	02 Public Access	06 Sidewalks	03 Moderate Slope	03 Accretion	07 Grade:	03 Underground	07 Public Sewer						
04 Recreational	08 Declining	03 Private Access	07 Curb/Gutters	04 Steep Slope	04 Bluff Land	P F A G E	04 Cable TV	08 Septic System						
90		90		90	05 Flood Plain	90	90							
06 SUBJECT DIMENSIONS		07 SITE INFORMATION		08 REMARKS										
Eff. Frontage _____	Depth _____	1 Location	F A G	Actual D-Chart A chart Value For River Fronting										
Other <u>1.5 A</u>		2 Amenities	F A G											
		3 Landscaping	F A G											
		4 Detriments	Few Many None											
09 COMPOSITE ADJUSTMENT				10 SITE ADJUSTMENTS										
CAT	LOC	CLASS	TYPE	UNIT	QTY	COST	BASE VALUE	01 Location	10 Access	20 View	30 Topography	40 Width	TOTAL FACTOR	EXT. VALUE
12	A	1213		Acres	15	15.150	74000	50 Depth	60 Plottage	70 Beach	80 Corner	90	100	74000
APPRaiser: <u>RH</u> APPRAISAL DATE: <u>9-24-87</u>								LAND VALUE <u>74000</u>						

AK IN 0822 4/10/95

15.500

Parcel ID: RP08S14E336100A

Calculated Areas

Label	Area
1 s Fr	1668
Fr G	748
Conc	128
Conc	1432
Conc	42
RFX (Upper)	176
RFX (Upper)	144
Conc	224
Conc	96
RFX (Upper)	96

Total finished living area: 1668 SF

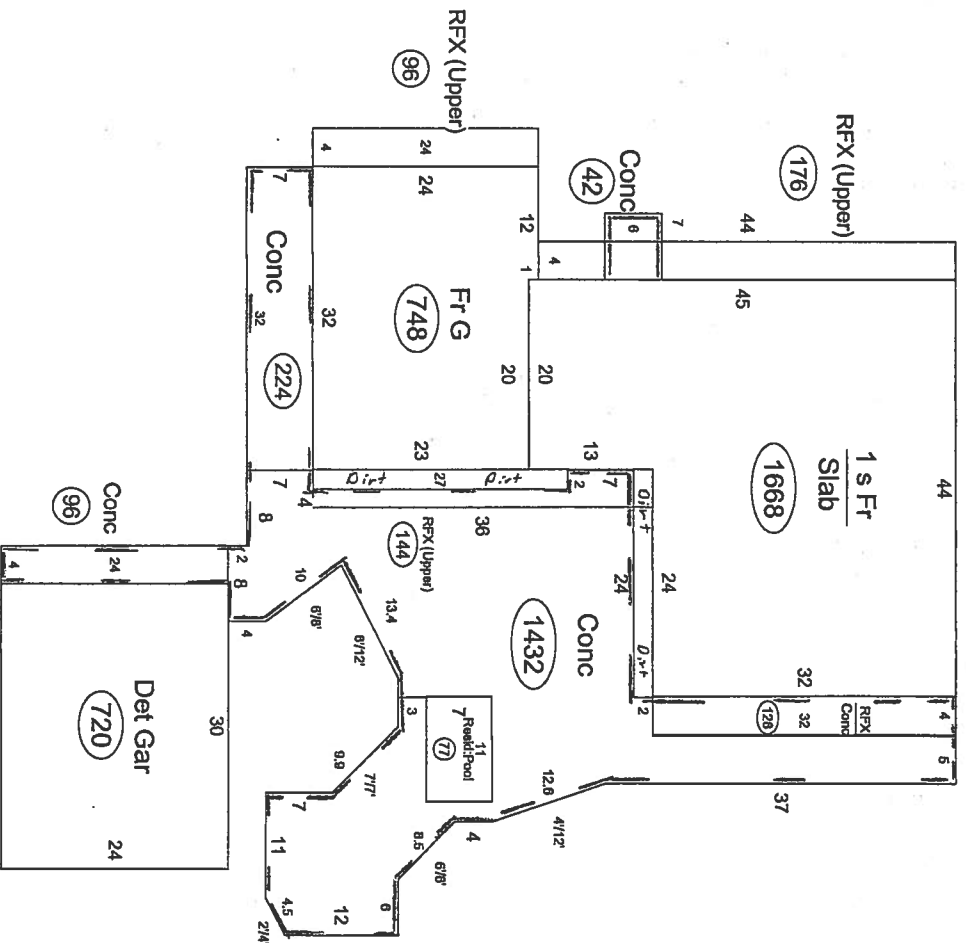
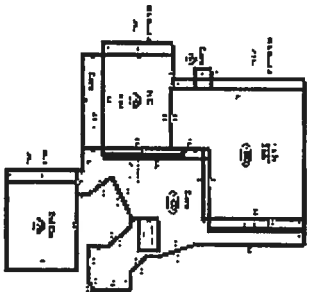


Image:

Sketch Date: 02/22/2012



Data Collection:

Improvement Summary:

Type	Yr Blt	Est Yr	Grade	Cond	Size	Width	Length	Height	Capacity	Quantity	Rate/SF	RCN	Den	RCN/D	Comp RDE/Ldc %	Market Value	Price/Msq
DWELL	1961	1961	Avg	Fair							\$	129,750	21%	\$	102,500	100%	\$ 102,500
ATTGAR	Same As Main Improvement's										Included In Main Improvement's Costs						
					748 SF	23 x 32				1					100%		
DETGAR	1980	1980	Avg	Avg	720 SF	24 x 30		8		1	\$ 24.44	\$ 18,420	21%	\$	14,560	100%	\$ 14,560
POC	1961	1961	Avg	Avg	77 SF	7 x 11				1	\$ 48.75	\$ 3,750	80%	\$	750	100%	\$ 750
Total Improvements: 4											Total Market Value					\$	117,800

GARAGE:			CARPORT:			FOUNDATIONS	FLOOR	ROOF	EXTERIOR WALL COVERING		%	MISC.	DIMENSIONS	AREA	RATE	BASE COST	REMARKS										
1	Unfinished		Built In	1																							
2	Min. Finish		Flat Roof	2									X		\$												
3	Finished		Hip/Gable	3																							
Class _____			Class _____			\$	\$	\$	\$		\$				\$												
Year Built _____			Year Built _____			STORAGE								\$													
1	2	3	1	2	3	NO. DOOR OPENERS							STORAGE CABINET				\$										
ATT	DET	BSMT	ATT	DET	BSMT	EXTERIOR WALL: ☐ Curtain ☐ Screen									\$	\$	L.C.M.	QUALITY FACTOR	REPLACEMENT COST - NEW	MARKET ADJ.	% COMPLETE	MARKET VALUE					
																\$			\$			\$					
TOTAL																\$			\$			\$					

ROOF	WALLS	FLOOR
14. Plywood	16 Baked Enamel	03 Dirt
	17 Galvanized	04 Gravel
		05 Asphalt

Spreadsheet created by Geo-Heat Center Direct Use Software

HEAT LOSS FROM PONDS

OPEN POOL

Woodman(Reid) hot tub

1. Resource temp	112 F	
2. Length	11 ft	
3. Width	7 ft	
4. Water temp	84 F	
5. Wind velocity	10 mph	sheltered
6. Air temp	37.5 F	average min
7. Cover thickness	0.00 in	
8. Cover "k"	0.40 btu in/hr sqft F	
9. Relative humidity	20 %	
10. Calculated water vap pres	0.569 psia	

1. Evaporative Loss	24317 btu/hr	315.8 btu/hr sqft
2. Convective Loss	12079 btu/hr	156.9 btu/hr sqft
3. Radiant Loss	3279 btu/hr	42.6 btu/hr sqft
4. Conductive Loss	1183 btu/hr	15.4 btu/hr sqft
5. Total Loss	40857 btu/hr	530.6 btu/hr sqft
6. Required flow rate	2.9 gpm	

448.83 gpm/cfs

0.007 cfs to maintain temperature

measured 0.044 cfs to fill

ha	3.37	4.71 AFA	.007 x 365 x 1.9835
x/k	0.00		
p. press	0.023		
area	77.00		
surf temp	84.00		
U	3.37		



Tax #1444 of Lot 7
The recommended places of use
are supplied by the Woodman-Flint wells

Location of the mobile home and the mobile home's hot tub

Spreadsheet created by Geo-Heat Center Direct Use Software

HEAT LOSS FROM PONDS

OPEN POOL Woodman double wide tub (no longer in use)

1. Resource temp	112 F	
2. Length	8 ft	vol~126 ft ³
3. Width	1 ft	
4. Water temp	84 F	
5. Wind velocity	20 mph	
6. Air temp	37.5 F	average min
7. Cover thickness	0.00 in	
8. Cover "k"	0.40 btu in/hr sqft F	
9. Relative humidity	20 %	

10. Calculated water vap pres 0.569 psia

1. Evaporative Loss	6491 btu/hr	811.4 btu/hr sqft
2. Convective Loss	3225 btu/hr	403.1 btu/hr sqft
3. Radiant Loss	341 btu/hr	42.6 btu/hr sqft
4. Conductive Loss	572 btu/hr	71.5 btu/hr sqft
5. Total Loss	10629 btu/hr	1328.6 btu/hr sqft
6. Required flow rate	0.8 gpm	

448.83 gpm/cfs

0.002 cfs to maintain temperature

measured 0.0144 cfs to fill

ha 8.67

3.14 pi

x/k 0.00

8.00 dia

p. press 0.023

2.50 ht

area 8.00

50.27 surface area pi r²

surf temp 84.00

125.66 cubic ft = vol

U 8.67

121.67 days if 3 times per week yr round

15289.08 cubic ft/yr if filled 3 days/wk

43560 cubic ft/acre ft

0.350989 AFA to fill

1.9835 cfs/acre ft day

0.482652 AFA to maintain after filled

BUHL, IDAHO**Monthly Total Heating Degree Days****(101217)****Base Temperature = 65 F**

File last updated on Apr 11, 2012

*** Note *** Provisional Data *** After Year/Month 196304

a = 1 day missing, b = 2 days missing, c = 3 days, ..etc.,

z = 26 or more days missing, A = Accumulations present

Long-term means based on columns; thus, the monthly row may not
sum (or average) to the long-term annual value.

Months with 5 missing days or less use mean for missing day(s)

Individual Months not used for annual or monthly statistics if more than 5 days are missing.

Individual Years not used for annual statistics if any month in that year has more than 5 days missing.

YEAR (S)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1906	0.00z	0.00z	0.00z	0.00z	150.00q	152.50	0.00	19.50	109.00	393.50	302.50q	921.50	1596.00
1907	1183.50	659.50	747.00	461.00	261.71e	190.00	6.00	42.50	116.00	261.00	751.15d	1038.50e	5717.87
1908	1037.00	853.00	749.50	413.00	411.27a	194.48a	0.00	38.50	136.00	508.50	731.50	1085.52a	6158.27
1909	937.50	824.00	709.50	574.29b	329.50	30.00	0.00	1.00	149.00	233.00n	680.69a	1303.60b	5539.08
1910	1304.58a	1072.00	409.89d	186.00	95.50	27.50	0.00e	5.50i	0.00z	0.00z	630.60e	649.50j	3726.07
1911	1092.75c	1052.07a	665.98a	539.44c	326.57b	92.59a	8.78a	12.92a	155.56c	524.70d	832.50	1083.50	6387.37
1912	1089.00	871.00	813.50	570.00	336.50	91.00	38.50	42.00	291.50	592.21b	733.00	1126.00	6594.21
1913	1227.50	1045.00	838.00	458.50	241.50	90.00	38.50	5.50	170.17a	533.00	730.50	1295.00	6673.17
1914	1047.50	919.50	685.50	464.00	195.50	158.50	3.50	4.50	191.50	446.50	739.50	1347.00	6203.00
1915	1252.50	799.50	626.50	326.50	415.00	109.50g	9.00	2.00	0.00z	415.50	872.50	1017.66b	5736.66
1916	0.00z	922.00	686.00	457.50	483.00	177.00	36.00	33.58a	165.50	556.00	930.50	1159.00	5606.08
1917	1028.50i	1018.00	1122.00	623.50	374.00	145.50	0.00	0.00	108.00	0.00z	652.00	719.00	4762.00
1918	973.50	879.00	618.00	535.38d	353.52e	16.00	5.00	60.50	90.50l	470.50	771.00	872.00g	4682.40
1919	1049.00	903.00	403.00r	271.00i	276.23c	63.89c	0.00	16.03b	191.00h	623.00	790.20e	1246.50	4967.86
1920	1107.73a	878.92c	812.00	0.00z	87.50j	51.00e	0.00	55.69d	241.50h	504.00h	850.20e	1070.50	4826.04
1921	1032.00	902.00	499.00h	613.39b	261.95a	22.78c	0.00z	0.00z	0.00z	0.00z	0.00z	0.00z	2832.12
1922	1457.50	1089.50	971.50	658.00	324.50	31.00	1.00	2.50	67.00	297.50	854.00	1112.00	6866.00
1923	1019.56d	1066.00	847.00	574.00	311.50	193.00	1.00	4.50	135.00	560.00	709.50	1172.50	6593.56
1924	1239.00	756.00	896.00	529.50	161.50	84.50	6.00	24.59b	168.50	484.00	814.50	1317.00	6481.09
1925	1132.50	759.50	708.19b	486.72a	212.00	184.50	0.00	41.50	186.50	526.00	822.50	962.00	6021.91
1926	1155.00	751.50	673.50	346.50	228.00	43.00	0.50	22.00	293.00	388.50	660.50	1152.50	5714.50
1927	1079.00	843.50	780.00	559.00	408.00	85.00	8.50	55.50	248.00	410.00	670.00	1230.50	6377.00
1928	1112.50	959.50	706.00	588.00	147.00	174.50	18.50	21.50	134.00	455.00	777.00	1278.00	6371.50
1929	1439.50	1168.00	758.00	603.00	310.00	137.50	1.50	0.00	303.00	426.50	843.50	898.50	6889.00
1930	1445.50	719.50	704.00	349.00	381.00	124.00	4.50	11.00	175.50	527.50	923.00	1388.50	6753.00
1931	1209.50	905.50	772.00	484.50	224.00	46.00	16.00	8.50	214.00	471.00	981.96b	1238.00	6570.96
1932	1303.00	1163.00	855.50	515.50	334.00	154.50	35.50	54.50	146.50	541.50	678.50	1399.00	7181.00
1933	1206.00	1288.50	837.50	605.50	462.00	26.00	3.50	63.50	209.50	337.00	734.00	841.50	6614.50
1934	907.00	629.00	484.50	291.00	130.50	108.50	0.00	0.00	196.00	339.00	647.00	1049.00	4781.50
1935	1096.00	930.00	800.50	539.50	340.50	56.50	13.00	10.00	56.50	429.50	958.50	1124.50	6355.00
1936	1162.50	1082.00	849.50	371.00	182.00	82.50	0.00	9.00	170.00	367.50	838.50	1000.00	6114.50
1937	1565.00	1016.00	748.00	576.50	201.50	125.00	0.00	25.00	108.00	329.50	680.50	938.50	6313.50
1938	975.50	779.00	818.00	452.50	321.50	67.50	29.50	14.00	50.50	431.00	947.50	987.50	5874.00
1939	1016.50	1020.00	701.00	397.00	166.50	139.50	8.27a	10.00	116.00	415.00	686.00	833.50	5509.27
1940	1099.00	792.00	633.50	471.00	145.50	65.50	1.50	0.00	189.00	375.50	919.50	973.50	5665.50

1941	1087.50	773.50	668.00	544.50	228.00	148.00	3.00	27.50	300.50	499.00	708.50	995.00	5983.00
1942	1357.50	1022.00	843.00	406.50	415.50	131.50	0.00	35.50	117.00	391.50	800.00	997.00	6517.00
1943	1094.50	826.00	799.00	340.00	342.50	179.00	11.00	22.00	40.00	397.00	765.50	1026.00	5842.50
1944	1283.50	955.00	850.50	548.50	257.50	217.50	0.00	6.50	169.00	272.50	871.50	1122.50	6554.50
1945	1056.50	817.50	787.50	589.50	285.00	182.59 a	4.00	13.00	259.50	336.50	0.00 z	0.00 z	4331.59
1946	0.00 z	0.00 z	0.00 z	372.00	250.00	43.00	0.00	3.00	190.00	614.50	446.00 n	929.00	2401.50
1947	0.00 z	0.00 z	613.00	473.00	147.00	141.00	0.00	9.00	133.00	293.50	827.59 a	971.50	3608.59
1948	0.00 z	0.00 z	0.00 z	0.00 z	0.00 z	0.00 z	0.00 z	11.00	126.43 b	347.20 a	849.31 a	1265.04 e	2598.98
1949	1671.93 a	987.00	733.67 a	324.00	156.03 a	79.00	0.00 a	0.00	65.19 d	539.50	549.00	1025.00	6130.33
1950	1204.00	833.00	786.00	508.50	313.62 a	114.00	1.00	9.00	148.00	224.20 c	632.50	857.31 b	5631.12
1951	1123.00	798.50	867.00	401.25 b	222.50	119.00	3.62 a	17.00	61.61 b	469.00	768.50	1136.50	5987.47
1952	1190.00	1040.50	922.77 a	341.90 a	173.71 b	71.00	7.50	2.00	39.00	205.50	888.21 b	932.50	5814.58
1953	719.50	730.50	645.00	511.00	405.58 a	129.50	0.00 a	10.00	46.50	288.00	545.00	982.70 a	5013.28
1954	931.50	667.00	805.00	392.00	175.00	184.00	6.50	35.28 b	106.03 a	417.00	597.00	1094.50	5410.81
1955	1216.50	982.00	872.00	592.00	312.50	76.50	43.00	0.00	174.50	329.50	866.00	942.00	6406.50
1956	950.00	1085.50	674.25 a	412.50	217.52 a	106.03 a	33.00	26.35 a	78.00	447.95 a	821.50	1005.00	5857.60
1957	1270.00	785.50	672.50	477.00	182.38 a	75.00	0.00 b	7.50	85.00	349.00	853.00	895.00	5651.88
1958	1027.00	631.50	768.59 b	510.50	86.50	71.50	2.50	0.00	111.72 a	282.00	753.00	806.50	5051.31
1959	927.00	798.00	719.72 a	350.50	369.00	36.50	4.50	18.82 c	215.50	373.03 a	695.00	1048.66 b	5556.23
1960	1205.90 a	970.50	658.00	428.79 a	280.07 b	22.50	0.00	43.50	47.00	392.00	709.00	1035.50	5792.76
1961	959.00	681.85 a	680.50	486.11 c	188.00	7.50	0.00	0.00	236.00	478.00	775.50	1088.50	5580.96
1962	1303.50	887.50	845.50	363.89 c	305.50	119.00	0.00	24.00	34.50	0.00 z	0.00 z	0.00 z	3883.39
1963	718.50 k	0.00 z	711.45 a	552.00	0.00 z	0.00 z	0.00 z	0.00 z	0.00 z	0.00 z	0.00 z	0.00 z	1263.45
Period of Record Statistics													
MEAN	1147.70	897.91	753.78	473.08	271.60	103.36	7.52	18.78	147.90	419.26	771.50	1066.64	6084.83
S.D.	176.67	148.43	115.42	101.36	96.38	56.67	11.95	17.90	72.27	101.12	104.26	155.66	535.86
SKEW	0.61	0.25	0.03	-0.42	0.13	0.14	1.83	0.94	0.38	0.00	-0.07	0.26	-0.33
MAX	1671.93	1288.50	1122.00	658.00	483.00	217.50	43.00	63.50	303.00	623.00	981.96	1399.00	7181.00
MIN	719.50	629.00	409.89	186.00	86.50	7.50	0.00	0.00	34.50	205.50	545.00	719.00	4781.50
NO YRS	51	53	53	54	54	55	55	55	51	51	52	52	42

BUHL, IDAHO**Monthly Extreme Minimum Temperature (Degrees Fahrenheit)****(101217)**

File last updated on May 16, 2012

*** Note *** Provisional Data *** After Year/Month 196304

a = 1 day missing, b = 2 days missing, c = 3 days, ..etc.,

z = 26 or more days missing, A = Accumulations present

Long-term means based on columns; thus, the monthly row may not
sum (or average) to the long-term annual value.

MAXIMUM ALLOWABLE NUMBER OF MISSING DAYS : 5

Individual Months not used for annual or monthly statistics if more than 5 days are missing.

Individual Years not used for annual statistics if any month in that year has more than 5 days missing.

YEAR (S)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1906	-----z	-----z	-----z	-----z	37.00q	37.00	54.00	46.00	35.00	19.00	8.00q	-2.00	-2.00
1907	0.00	24.00	20.00	25.00	31.00	36.00	45.00	43.00	36.00	34.00	21.00d	6.00	0.00
1908	9.00	-4.00	19.00	24.00	32.00a	35.00a	49.00	39.00	25.00	22.00	9.00	5.00a	-4.00
1909	3.00	15.00	20.00	19.00b	28.00	40.00	45.00	40.00	35.00	23.00n	21.00a	-6.00b	-6.00
1910	10.00 ⁻ a	1.00	30.00	32.00	40.00	40.00	48.00e	37.00i	-----z	-----z	18.00e	18.00j	-10.00
1911	-4.00c	4.00a	13.00a	19.00	27.00b	40.00a	43.00a	32.00a	32.00c	21.00d	12.00	10.00	-4.00
1912	-2.00	19.00	17.00	23.00	31.00	38.00	39.00	37.00	29.00	23.00	20.00	6.00	-2.00
1913	-6.00	7.00	12.00	24.00	24.00	44.00	38.00	46.00	24.00a	24.00	19.00	-5.00	-6.00
1914	9.00	2.00	20.00	28.00	28.00	33.00	46.00	47.00	30.00	29.00	13.00	-5.00	-5.00
1915	-3.00	19.00	21.00	29.00	28.00	36.00g	46.00	50.00	-----z	29.00	13.00	5.00b	-3.00
1916	-----z	11.00	18.00	25.00	26.00	33.00	42.00	38.00a	35.00	21.00	2.00	-2.00	-2.00
1917	12.00 ⁻ g	-7.00	4.00	19.00	26.00	31.00	43.00	49.00	38.00	-----z	17.00	20.00	-12.00
1918	4.00	3.00	19.00	14.00d	26.00e	38.00	44.00	40.00	39.00i	29.00	15.00	4.00g	3.00
1919	1.00	20.00	20.00	27.00	28.00c	31.00b	52.00	43.00a	33.00g	20.00	-3.00c	-8.00	-8.00
1920	-2.00a	14.00b	17.00	-----z	37.00h	30.00c	48.00	42.00c	34.00e	23.00b	17.00c	12.00	-2.00
1921	7.00	8.00	15.00e	22.00a	28.00	40.00b	-----z	-----z	-----z	-----z	-----z	-----z	7.00
1922	12.00 ⁻	6.00	5.00	19.00	29.00	41.00	52.00	48.00	37.00	28.00	18.00	3.00	-12.00
1923	8.00d	0.00	13.00	23.00	31.00	36.00	46.00	45.00	35.00	20.00	21.00	3.00	0.00
1924	-1.00	21.00	15.00	20.00	26.00	31.00	43.00	40.00a	31.00	28.00	10.00	18.00 ⁻	-18.00
1925	2.00	17.00	18.00	30.00	29.00	34.00	49.00	37.00	30.00	25.00	19.00	12.00	2.00
1926	8.00	23.00	6.00	23.00	31.00	38.00	44.00	37.00	16.00	22.00	24.00	-4.00	-4.00
1927	11.00 ⁻	13.00	19.00	17.00	30.00	34.00	39.00	39.00	30.00	24.00	21.00	-4.00	-11.00
1928	3.00	12.00	18.00	21.00	28.00	37.00	45.00	39.00	33.00	24.00	17.00	-5.00	-5.00
1929	12.00 ⁻	-9.00	15.00	18.00	26.00	30.00	34.00	48.00	27.00	21.00	7.00	10.00	-12.00
1930	19.00 ⁻	21.00	15.00	28.00	29.00	33.00	46.00	43.00	32.00	21.00	8.00	-5.00	-19.00

1931	6.00	14.00	16.00	19.00	28.00	40.00	39.00	41.00	32.00	28.00	3.00	-6.00	-6.00
1932	-4.00	-9.00	12.00	24.00	31.00	33.00	39.00	31.00	32.00	17.00	17.00	20.00	-20.00
1933	3.00	-	17.00	15.00	22.00	45.00	42.00	38.00	32.00	22.00	13.00	5.00	-29.00
1934	14.00	24.00	23.00	25.00	36.00	34.00	46.00	49.00	22.00	26.00	20.00	11.00	11.00
1935	-5.00	8.00	19.00	24.00	27.00	39.00	42.00	44.00	33.00	14.00	1.00	6.00	-5.00
1936	-3.00	-6.00	8.00	9.00	32.00	40.00	49.00	42.00	25.00	26.00	13.00	7.00	-6.00
1937	-	2.00	18.00	23.00	31.00	35.00	47.00	37.00	32.00	27.00	22.00	18.00	-18.00
1938	10.00	13.00	10.00	22.00	24.00	34.00	46.00	42.00	40.00	27.00	8.00	7.00	7.00
1939	9.00	7.00	13.00	20.00	35.00	36.00	47.00 a	39.00	34.00	20.00	20.00	9.00	7.00
1940	6.00	17.00	21.00	29.00	33.00	38.00	48.00	48.00	35.00	30.00	11.00	2.00	2.00
1941	4.00	20.00	15.00	20.00	32.00	37.00	48.00	42.00	31.00	26.00	12.00	4.00	4.00
1942	-	-2.00	17.00	25.00	30.00	37.00	45.00	38.00	34.00	26.00	18.00	14.00	-16.00
1943	-3.00	14.00	14.00	29.00	27.00	36.00	43.00	40.00	40.00	29.00	21.00	9.00	-3.00
1944	3.00	8.00	13.00	25.00	27.00	35.00	48.00	46.00	33.00	33.00	18.00	8.00	3.00
1945	10.00	18.00	10.00	20.00	34.00	35.00 a	41.00	43.00	31.00	25.00	-----z	-----z	10.00
1946	-----z	-----z	-----z	22.00	27.00	37.00	45.00	40.00	30.00	25.00	19.00 n	5.00	5.00
1947	-----z	-----z	22.00	28.00	40.00	40.00	50.00	46.00	34.00	30.00	16.00 a	14.00	14.00
1948	-----z	-----z	-----z	-----z	-----z	-----z	-----z	44.00	36.00 b	26.00 a	16.00 a	-4.00 e	-4.00
1949	-	0.00	18.00 a	28.00	34.00 a	38.00	48.00 a	50.00	36.00 d	24.00	24.00	10.00	-16.00
1950	-3.00	-9.00	16.00	22.00	28.00 a	36.00	48.00	44.00	36.00	27.00 c	12.00	22.00 a	-9.00
1951	-3.00	0.00	14.00	30.00 b	32.00	38.00	47.00 a	44.00	34.00 b	28.00	16.00	1.00	-3.00
1952	0.00	4.00	15.00 a	26.00 a	35.00 b	40.00	48.00	50.00	39.00	31.00	7.00 a	10.00	0.00
1953	21.00	16.00	21.00	24.00	31.00 a	39.00	53.00 a	47.00	44.00	33.00	18.00	14.00 a	14.00
1954	12.00	20.00	15.00	26.00	27.00	34.00	43.00	42.00 a	33.00 a	27.00	15.00	3.00	3.00
1955	4.00	10.00	9.00	22.00	30.00	41.00	41.00	53.00	35.00	25.00	-7.00	8.00	-7.00
1956	0.00	-6.00	17.00 a	24.00	34.00 a	32.00 a	41.00	44.00 a	32.00	25.00 a	14.00	8.00	-6.00
1957	-5.00	13.00	23.00	29.00	38.00 a	41.00	50.00 b	48.00	36.00	30.00	16.00	16.00	-5.00
1958	13.00	22.00	20.00 b	30.00	35.00	46.00	50.00	51.00	28.00 a	28.00	8.00	20.00	8.00
1959	-2.00	17.00	20.00 a	26.00	31.00	41.00	42.00	43.00 c	34.00	25.00 a	15.00	14.00 b	-2.00
1960	-2.00 a	-3.00	11.00	25.00 a	32.00 b	39.00	55.00	39.00	38.00	24.00	21.00	12.00	-3.00
1961	10.00	21.00 a	22.00	25.00 c	28.00	45.00	50.00	54.00	31.00	26.00	15.00	-1.00	-1.00
1962	-	2.00	18.00	25.00 c	34.00	35.00	48.00	43.00	37.00	-----z	-----z	-----z	-14.00
1963	-	-----z	20.00 a	23.00	-----z	-----z	-----z	-----z	-----z	-----z	-----z	-----z	-25.00
Period of Record Statistics													
MEAN	-0.42	8.42	16.29	23.51	30.13	37.02	45.62	43.09	32.75	25.33	14.27	4.88	-4.46
S.D.	9.42	11.10	4.85	4.44	3.85	3.79	4.28	4.90	4.78	4.07	6.69	8.95	9.03
SKEW	-0.40	-0.78	-0.33	-0.65	0.54	0.23	-0.20	-0.01	-0.89	-0.25	-1.12	-0.51	-0.44
MAX	21.00	24.00	30.00	32.00	40.00	46.00	55.00	54.00	44.00	34.00	24.00	22.00	14.00
MIN	-	-	4.00	9.00	22.00	30.00	34.00	31.00	16.00	14.00	-7.00	-	-29.00
NO YRS	52	53	55	55	54	55	55	55	52	52	52	52	39