

**Regular Meeting
Scofield Reservoir Special Service District**

December 4, 2025 – 10:00 a.m.
751 East 100 North, Price, Utah
2nd Floor Conference Room

AGENDA

1. Roll Call
2. Review and possible approval of minutes from previous meetings
3. Review of Financial Report
4. Public hearing on 2025 budget amendments
5. Open and approve amendments to 2025 budget
6. Public hearing on 2026 tentative budget
7. Consideration and approval of 2026 budget
8. Review and possible adoption of the 2026 meeting schedule
9. Discussion on amending the bylaws
10. Steve Carlson update on sewer system
11. Discussion on building permits and applications on the Pannier & Helsten properties
12. Discussion on adding another tank to Helsten's
13. Discussion on how much Valley Tank is paid annually
14. Discussion on possible changes to the amount of the annual billing
15. Election of new board member from Singletons
16. Other Business that may be brought before the Board
17. Adjourn



A copy of this notice was faxed to the ETV10, a newspaper of general circulation within Carbon County, Utah, KOAL and KUSA radio stations.

Scofield Reservoir Special Service District

MEETING MINUTES – September 4, 2024

IN ATTENDANCE:

OTHERS ATTENDING:

Jerry Zumbrunnen - Clear Creek
K.C. Williams - Singleton
Steve Carlson - Steve's Plumbing
Scott Olsen - Forester-
Rick Davis– Bolotus
Val Johnson Vice Chairman – Campsite –
Rudy Metelko Chairman – S. West
Geni Hawk, Secretary
Soleil Melo, Administrator
Christian Brynner - Attorney

The meeting was called to order at 10:00 a.m. in the 2nd floor Conference Room of the County Administration Building by Rudy Metelko.

Item #1: Roll call see above:

Item #2: Approval of Minutes from previous meeting: KC had a question about the minutes and was concerned about what the County is approving. Christian explained to KC that this was to approve the accuracy of the minutes not to dispute what the item had approved. KC then understood and stated the minutes were correct.

KC made the motion to approve the minutes,
Val seconded
Approved.

Item #3: Review of Financial report – PTIF fund \$161,000 through 6-30 consisting of bank statements and checks as set forth in packet.

Rick made the motion to approve
Scott seconded
Approved.

Item #4: Approval of new ordinance for bid limits – Christian stated it was discussed in the last meeting to be anything \$10,000 - \$25,000 we need 3 written estimates anything over \$25,000 we will seek sealed bids and anything under \$10,000 will make reasonable and diligent efforts to get the lowest price, but not requiring written estimates. Christian needs the document re typed. Geni offered to re type it. Christian stated that Soleil had reminded him several times to have this prepared and he was appreciative of that. Rick stated that in the minutes you stated

that if a pump was \$20,000 you can always do a sealed bid. He was wondering if we should bump the number up and do some research on the cost of a pump and if the pump replacement would fall under an emergency. He wanted Val to be able to purchase a pump in an emergency without getting estimates. Christian said it stipulates that in an emergency we would not have to go out to bid, but if we are looking to just go out and buy a pump to have on hand it will need to go through this process. Val said that wording is in policy for an emergency. Rick said is there a ceiling number for the purchase of a pump for an emergency and Christian said no. Steve stated that we always keep pumps on hand so there wouldn't be an emergency situation. And then if we use one on hand we would then go through the policy procedure to purchase another one to have on hand. Rudy asked if the pumps ever exceed 15,000. Steve said usually not. Rudy agreed. Scott asked if we rebuild pumps, Steve said they have tried that in the past without much success and it is expensive to rebuild them and they just don't last very long. Rudy stated that Flight used to rebuild them.

KC made the motion to approve ordinance on the bid limits as discussed

KC seconded

Approved

Item #5: Open and Public Meeting Act training – Christian said that this is an annual requirement – the ACT talks about what needs to go on agendas, what needs to be discussed in a meeting. Christian did not bring a handout he will cover the items most applicable to this board. As a board we are subject to this ACT because we are a public body and under that ACT public bodies are to take their actions and deliberations openly, so that means any decisions that to be made by this board has to be in a public meeting. Additionally any thing that you have jurisdiction over, even if your not going to vote on in, if you are going to talk about it , it will need to be in a public meeting. A public meeting is anything were there is a quorum as aboard. You can talk about things with another board member, you can talk about things that pertain to this board as long as you are less that a quorum. If you have a chance meeting it is ok. On agendas we must provide reasonable specificity to notify the public as to the topics that will be discussed. It needs to be clear enough so the public can understand and have an item is about. Christian stated that Soleil has done a good job at that. The agendas must go to a news paper and to the media and posted online 24 hours before the meeting. Can the public raise a topic to be discussed if it is not on the agenda? Yes, but only if the chairman allows that. But you can't take action on something that is not on the agenda. Who can place an item on the agenda? Typically, any board member can put anything on the agenda. Can the public put something on the agenda? You can allow it or not. It's the chairman's decision. This meeting is the Boards Meeting It's not a public forum for the public. When it is stated as a public meeting that means the public can come and hear your meeting on items you want to discuss. Items like approval of contracts, typically a bid opening, pass an ordinance or a resolution, make a policy statement in support of an event or if you want to take a position on something that is in the news, position in support or against the Commissioners. No letters should go out without approval of the Board. Giving presentations can be on the agenda but no decision will be made. New statute, Individuals constituting a quorum of a public body, may not act together outside a meeting in a concerted and deliberate way to predetermine an action to be taken by the public body at a meeting on a relevant matter. You can go to each other one on one and state your

views. Emergency meetings may be held to covered that me arise because of unseen circumstances, but even if you have an emergency meeting you still must give the best notice practicable with the time and place of the meeting and the topics being discussed. It is not the same as an electronic meeting. A decision can't be made by email or phone. We can do an electronic meeting where some participants can attend through an electronic video, but still must have an anchored location and a place for the public to attend unless the chairman conducting the meeting feels an anchor location presents a threat to the public for health or safety reasons. Closed sessions – in order to go into a closed session, you have to meet the requirements in the statute, and you must vote and 2/3rds of the members of the board agree to go into closed session. Closed meetings still need to be recorded and the recording needs to be stored unless the purpose of the closed session is to discuss a matter of character or competency of an individual. Reasons to go into a closed session – to talk about security devices, to strategize about the purchase or sale of real property, if we need to talk about litigation, if we are being sued or need to sue somebody, we can go into a closed session. We do not need to put it on the agenda, anybody at anytime came make a motion to go into a closed session but only if it meets one of the statutory reasons. The minutes and the recording must be kept forever. Approved minutes should be made available after being approved by the board with 3 days if possible. If action is taken outside of a meeting and we were not supposed to, somebody who sues us can win attorney fees against us to avoid a final action that was taken in derogation of this ACT and also knowingly violating this ACT is a misdemeanor. If a person willfully disrupts the meeting to the extent that orderly conduct is compromised, that person may be physically removed from a public meeting.

Item #6: Review of annual inspections report for LUWDS – Steve stated the inspection went well, and the report is in your packet.

Item#7: Steve Carlson update on sewer system – Steve stated nothing was new and everything was going smoothly. KC's question – we issued 2 types of permits a commercial or a residential, what are the new places? Soleil stated that they are all considered a single family. So, the owner does have a business license. Scott asked which is higher a commercial or a residential? Soleil did not know. But it was still considered residential even though he is running it as a business. Christian asked if the permit was only issued once? Soleil said yes for the building. The only thing needing renewed would be the business license. Soleil stated it is new place in Bolotus. Christian asked if they are single family sized home and Steve stated that they were. Val said it doesn't matter how many people can be there it is still considered a single family. Val said that we discussed the capability of the system and didn't feel there was any issues because they have site hook ups what the system was designed for. Scott stated there is a sign on the building that says Scofield rentals. Scott says it is a commercial endeavor and it should be billed that way, he stated that was just his opinion. KC said in our bylaws it says 125lb waste a day and maybe on the next agenda we should review how we are billing people. He stated it is 350 gallons a day per person and 150 for every other bedroom. A way to measure the flow. Rudy said if we do that then it will cost the board to find a way to meter it. A family house is set up to occupy 24 7 and it's not much bigger that a regular family. Rudy said to put it on the next agenda. Soleil stated he has paid the annual fees. Christian sad it is something we

will see more and more of. Val said maybe we should look at it but do we have the right to say or ask what it will be used for. We do not know if we have commercial rates Soleil said she thought it was the building that is classified and it is a home. Rick thought a trailer if it is parked by a home and can they hook onto a sewer and he couldn't find anything that said they couldn't. Some have cabins some don't. Rudy stated that If a person owns a lot he can bring his trailer up and temporarily hook into it as long as the fees are paid. Val said, but if there is a cabin there they he can't hook up a trailer because it states one living quarters. Rudy said we had this problem in Clear Creek just stopping and dumping. Someone will need to see if that is in our Bylaws. Val asked what it would take to update the bylaws. Soleil said the bylaws were last updated in 1988. Christian recommended this being put on the next agenda and everyone read the Bylaws and let's work on it. Scott said it will take more than one meeting and maybe even a year. Val said maybe everyone can email their ideas into Soleil to compile and then we have a meeting as need to go over them. Christian maybe some amendments can be made now and some later.

Christian suggested for next agenda: Discussion and possible amendment of Bylaws

Scott would like to make one comment on 6 & 7 before we move on. The reason we are getting good inspections is because of Steve's work.

Item #8: Discussion on adding another tank to Helsten's – Scott – when he read the bylaws after the discussion, he doesn't think we should be paying for Helsten's systems to be pumped period. That is the way it reads. It reads "if you are not able to hook on to the system your responsible for your own" So he feels Helsten's and Panniers should do their own. Soleil said Panniers are hooked on they are under Lazy P's. Steve said they aren't hooked up they just have a holding tank and Soleil said that they pay the \$300 annually. KC said it was never planned by Pleasant Valley Special District to have that there. He has tons of stuff showing that they weren't even requesting a permit to be on it. Scott – Not lose sight of this that even if they pay their \$300 it costs us a lot of money to us with valley tank. So, Scott wants them put on notice to keep their 300 and pump their own. Steve asked if there was ever an agreement with them originally. Soleil can't find any contract with either one. Val said he asked these questions and he always felt it was pushed aside. KC recommends tabling this item to next meeting. But everyone that has hooked up should have a hook up agreement. Christian asked – So Helsten's pays a fee each year, Soleil said she doesn't know which Helsten that is to answer that question. Christian asks if we don't pump theirs Helsten's doesn't connect to anything else, it's just that we pay valley tank to come and dump them. Val said they are too close to the lake for a leach field. Val said if we can't find an agreement it may be a phone call to Ted. Rudy said the only thing he can remember is when the sewer was put in Panniers it was too costly to try to hook them into Scofield West. Val – So we were required to hook them into it but they decided as a board it would be cheaper for us to just pump it into Scofield West. Rudy said the lift station would be too expensive. Val said if we push on this hard that it will fall back on us but where is this legal contract that states we are married to this situation. It will be 100s of thousands of dollars to put in a lift station for those 2 and you couldn't do with Helstens anyway. Rudy said for Helsten's he doesn't remember anyone talking about it. So he doesn't know if the District just absorbed them into the system or what? KC has everything on Helsten's since he has been on the board and the trouble it has caused. Rudy said when they

built it they had not way to hook onto it and they are out there by their selves. Steve asked – then why does the District have to absorb the cost. Rudy doesn't know what was originally set up with the Helsten's. Christian asks – When they go get a building permit that is where stuff happens. KC said, "That is why those tanks are there, the County planning and zoning" Soleil – well things were done different back then in the 80's. KC doesn't think things were done different. Val said Helsten's was grandfathered in because they had existing dwellings there. And then they took those dwellings out and put this one there and that is why they were allowed by the County because they had existing dwellings already there. Rudy said the sewer tanks were put in before the new building was there. Christian asked if those are the tanks still being used one of them is used as storage now, then they built a new one on the grandfather clause. Steve are you sure that tank was there before the built the new cabin. Rudy said yes and KC said he was not sure. Soleil asked if anyone knew when the new big cabin was put in? Val said around 15 years. KC said it wasn't there when he built and he build in 2009. Paniers have been there all along. Christian said the legal issue he see's is: If our bylaws expressly forbid us from tacking on Helsten's sewer tank, so if we took them in opposition to our bylaws are there legal grounds by which we have to keep them on. That is the real question. Just because we have done it forever do we have to keep doing it? Scott thinks it should be spelled out, if it was a special case we should have had some direction from Legal or the previous board. KC thinks there should be an application for a sewer connection. Somewhere there should be an application. Soleil said what is the Helsten we are talking about and KC said Derek. Soleil said Derek Helsten does pay \$300 every year. She will have to look back in his specific file to see if the application is there and she will look. Steve said both properties are pumped when the truck comes over which is 2 or 3 times a year. Soleil will also get how much we spend a year to pump them. Rudy said there is not many people at Panniers Steve said they don't use it as much as Helsten's. The one brother bought the other brother out. **Jerry?** I Can see how we have some responsibility with Pannier's but someone who just build their cabin out in the middle of nowhere, he doesn't understand why we are responsible for pumping their tank? Ruddy said He doesn't know what was done in 1988. That was the date the entire sewer system was put in. Val asked if the applications that Soleil has are paper or are they digital? For Helsten's. She said no, it would be in a filing box. Christian say's he has some legal research to do. Because they will claim "you agreed to it so you are stuck with it", KC from all the minutes that he has, it doesn't say we approved it. Christian said that they will say you agreed to it by your actions of pumping it and accepting our money over the years so that is how you signified your agreement. So, we will have to decide how to respond like your rates will now change or something along those lines. Steve said legally you can raise rates, right? Christian said yes. Christians concern is even if we raise everyone's a little bit. He thinks they need to be specially assessed, differently than all the rest. Val said can you do that legally and Christian said, that is the question.

Put this discussion on the next agenda with answers to the legal questions ect.

Item #9: Discussion on what funds to use for another tank to Helsten's

Item #10: Easement information on Lazy CP LTD Partnership/Pannier's – Soleil found the folder that someone else created and she attached everything that was in it. Rudy, they did find it back in 1990 we have an easement and right away for the sewer company (Special Service district) to do what we need to do on their property. Christian said it does say maintain and operate.

Item #11: Discussion individual board members for Helsten & Pannier's – Rudy said no and asked the item to be removed.

Item #12: Other Business that may be brought before the Board – KC still concerned because he thought the board approved these permits. He said no further steps needed to be taken because Carbon County approved it. Val – The County approved the permits for building those cabins but we as a board met and discussed it and said to go ahead and hook to the system. KC said we could not approve it in that one meeting because it was not on the agenda. Val asked if there is another property? KC said the family rental one. Everyone stated that that is the same thing as the Condos. Soleil said They are now not Condos they are single family. Christian said did you make a motion and KC said no we didn't because you said it wasn't on the agenda. Then Grimes came in and presented. Val said we didn't approve anything at that meeting but then Steve went and did some investigative work and he said if there was a lot there, the sewer system was planned for that even if there wasn't yet a cabin. We need to look at the minutes. KC says he has the minutes but has too much to look through right now. He also has a question about changing the Zones and KC feels like we need better communication with Planning and Zoning. Soleil said they could get approval for Condos. KC found minutes and quoted "Ben asked Christian if they can approve the concept and Christian said no, it was not on the agenda and to move to the next agenda" Everyone said that would have been last year. KC said no it was June 2025, which is when they were approved but they were minutes from December of 2024. Soleil said it would have been March. Christian read the agenda from March and stated that it was item #8 and we should look on the June meeting for approval. Val asked if we need to put it back on the agenda and make it official? Christian said he didn't know because now they are hooked up, right. Val said yes. Soleil would have told them if we did not approve it. Rudy was sure we did. Christian said let's look back into the agenda and in the bylaws in determining whether we will keep Helsten's on. And what justifies doing that and we also need to look at possibly separate assessments for Commercial type projects. Unless we set up a new bylaw for Commercial projects and if they have a business license and Christian will look into it. Val asked if it be considered grandfathered in and Christian said that it what he will look into. Val said we need to have something moving forward because this is going to happen more and more. Soleil said Air BNB's have their own set of rules by the state so that should also be looked into. Are there any other cabins that are used as air bnb's no one thought so? Val said There was a big cabin in campsite but he doesn't rent it out anymore. But Campsite fought for him not to rent it out and paid \$145,000 in legal fees and Campsite lost. Val will look at their bylaws in Campsite but not sure if they added anything. KC said he found where the county gave permission for a camp trailer to hook on, Soleil said planning and zoning did approve those for the little RV park. Soleil said that Todd also said if they were going to use them with individual hook ups with the power then they needed to be paying 2 sewer hook ups. They

claimed they were only doing one. Val said go get photos if they have more than one hooked up. Rick said he doesn't know how to go about it but even people who have cabins and a family comes up and brings a trailer, they should have to pay a little more. How do we enforce that? Val said he thought that we decided to send something out with the annual renewal that some of the things we wanted to be aware of, like your camp trailer for weekend, Soleil said that was not on the invoice. Val so some of the information we want to get back to doesn't really go to everyone it just goes to the people who own the cabin. Val said if we get a picture on he has 3 or 4 hooked onto that line then you can only hook one trailer. Rick said is it overloading our system. Rudy said no there is a hookup there so it is not. Maybe we should have it as an option but have a fee required or tell them no you can't and then they sneak and dump it at night? Everyone said there is no way to regulate that. Rudy said we do not want to regulate that. Everyone needs to keep an eye out. Val suggested warning cards to place on windshield. KC asked Soleil if we could get a copy of everyone on our sewer system. Soleil will get that. KC has a book Pleasant Valley Waste Water treatment facilities and Scofield Special Service District and it explains what we are responsible for. Christian said we should not lose that book that is a valuable document. Was that before the formation of this Special Service District. KC said it was revised in 1989. KC quoted "Prepared for Scofield Reservoir Special Service District". Val said do we need to digitize it. Christian said we may have it already but who knows. But we should keep it. KC said It's not bylaws just responsibilities. Val said it is the operation maintenance manual and they would have been required to hand out 6 of those. It is not a governing manual.

Item #13: Adjourn

Motion to adjourn by Val and second by Scott, Unanimous



Rudy Metelko, Chair

STATEMENT OF ACCOUNT

PTIF

UTAH PUBLIC TREASURERS' INVESTMENT FUND

Marlo M. Oaks, Utah State Treasurer, Fund Manager

PO Box 142315

350 N State Street, Suite 180

Salt Lake City, Utah 84114-2315

Local Call (801) 538-1042 Toll Free (800) 395-7665

www.treasurer.utah.gov

SCOFIELD RESERVOIR SSD
KAY COLOSIMO, CARBON COUNTY
120 E MAIN
PRICE UT 84501-3097

Account	Account Period
1151	August 01, 2025 through August 31, 2025

Summary

Beginning Balance	\$ 161,900.71	Average Daily Balance	\$ 161,900.71
Deposits	\$ 614.07	Interest Earned	\$ 614.07
Withdrawals	\$ 0.00	360 Day Rate	4.4046
Ending Balance	\$ 162,514.78	365 Day Rate	4.4658

Date	Activity	Deposits	Withdrawals	Balance
08/01/2025	FORWARD BALANCE	\$ 0.00	\$ 0.00	\$ 161,900.71
08/31/2025	REINVESTMENT	\$ 614.07	\$ 0.00	\$ 162,514.78
08/31/2025	ENDING BALANCE	\$ 0.00	\$ 0.00	\$ 162,514.78

ZIONS BANK®

PO BOX 26547
SALT LAKE CITY, UT 84126-0547

Statement of Accounts

This Statement: August 29, 2025
Last Statement: July 31, 2025

Primary Account [REDACTED]

P26691 05-0000-ZFN-PC0023-00007
0026665 01 AV 0.39 **AUTO T5 0 1573 84501-275251

CARBON COUNTY TREASURER
(SCOFIELD RESERVOIR SPEC SERVICE DIST)
STE 1400
751 E 100 N STE 1400
PRICE, UT 84501-2752



Direct Inquiries to:
800-789-2265
WWW.ZIONS BANK.COM



WE HAVEN'T FORGOTTEN WHO KEEPS US IN BUSINESS. ®

Beginning September 15, 2025, some of our fees are changing for items such as cashiers checks, stop payments made at the branch or online, international outgoing wire transfers, third party requested account verifications, etc. For a detailed list of fees, please refer to the Business Accounts Schedule of Fees located in our Agreement Center at www.zionsbank.com/personal/agreement-center/. You may also request a copy by calling Customer Service at 888-307-3411 or by visiting your local branch.

SUMMARY OF ACCOUNT BALANCE

Account Type	Account Number	Account Ending Balance
MUNICIPAL MONEY MARKET	[REDACTED]	\$235,802.48

MUNICIPAL MONEY MARKET 0048611024

0365

	Previous Balance	Deposits/Credits	Withdrawals/Debits	Checks Processed	Ending Balance
Count:		18	1	0	
Amount:	216,654.59	20,042.09	894.20	0.00	235,802.48

DEPOSITS/CREDITS

Posting Date	Effective Date	Amount	Description
08/01	08/01	320.00	Secure Instant P InstantPay REF # 02521 3000844058 Secure In
08/05	08/05	2,700.00	DEPOSIT
08/08	08/08	600.00	DEPOSIT
08/12	08/12	300.00	Secure Instant P InstantPay REF # 02522 4001552423 Secure In
08/13	08/13	1,050.00	DEPOSIT
08/15	08/15	300.00	Secure Instant P InstantPay REF # 02522 7005368655 Secure In
08/18	08/18	300.00	Secure Instant P InstantPay REF # 02523 0006383034 Secure In
08/18	08/18	3,900.00	DEPOSIT
08/19	08/19	300.00	Secure Instant P InstantPay REF # 02523 1008019525 Secure In
08/21	08/21	600.00	Secure Instant P InstantPay REF # 02523 3000494044 Secure In
08/21	08/21	3,000.00	DEPOSIT
08/25	08/25	300.00	Secure Instant P InstantPay REF # 02523 7002609618 Secure In
08/26	08/26	300.00	Secure Instant P InstantPay REF # 02523 8004196108 Secure In
08/26	08/26	2,100.00	DEPOSIT
08/29	08/29	600.00	Secure Instant P InstantPay REF # 02524 1008379366 Secure In
08/29	08/29	900.00	CORPORATE XFER FROM DDA ****8006 ID:001598575
08/29	08/29	2,400.00	DEPOSIT
08/29	08/29	72.09	INTEREST PAYMENT

PO BOX 26547
SALT LAKE CITY, UT 84126-0547

August 29, 2025
CARBON COUNTY TREASURER

CHARGES/DEBITS

Posting Date	Effective Date	Amount	Description
08/29	08/29	894.20 -	CORPORATE XFER TO DDA ****8006 ID:001594607

CHECKS PROCESSED

There were no transactions this period.

ACTIVITY COUNT

	During this period
Total Items	65

AGGREGATE OVERDRAFT AND RETURNED ITEM FEES

	Total for This Period	Total Year-to-Date
Total Overdraft Fees	\$0.00	\$0.00
Total Returned Item Fees	\$0.00	\$0.00

To learn more about our other products and services that may lower the cost of managing account overdrafts or to discuss removing overdraft coverage from your account, please contact Customer Service or visit your local branch.

DAILY BALANCE

Date.....	Balance	Date.....	Balance	Date.....	Balance
08/01	\$216,974.59	08/13	\$221,624.59	08/21	\$230,024.59
08/05	\$219,674.59	08/15	\$221,924.59	08/25	\$230,324.59
08/08	\$220,274.59	08/18	\$226,124.59	08/26	\$232,724.59
08/12	\$220,574.59	08/19	\$226,424.59	08/29	\$235,802.48

INTEREST

Interest Earned This Statement Period	\$72.09	Number Of Days This Statement Period	29
Interest Paid Year-To-Date 2025	\$523.29		
Interest Paid Last Year 2024	\$755.76		

Current interest rate is 0.4000% with no rate change this statement period

STATEMENT OF ACCOUNT

PTIF

UTAH PUBLIC TREASURERS' INVESTMENT FUND

Marlo M. Oaks, Utah State Treasurer, Fund Manager

PO Box 142315

350 N State Street, Suite 180

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SCOFIELD RESERVOIR SSD
KAY COLOSIMO, CARBON COUNTY
120 E MAIN
PRICE UT 84501-3097

Account	Account Period
1151	September 01, 2025 through September 30, 2025

Summary

Beginning Balance	\$ 162,514.78	Average Daily Balance	\$ 162,514.78
Deposits	\$ 585.49	Interest Earned	\$ 585.49
Withdrawals	\$ 0.00	360 Day Rate	4.3232
Ending Balance	\$ 163,100.27	365 Day Rate	4.3833

Date	Activity	Deposits	Withdrawals	Balance
09/01/2025	FORWARD BALANCE	\$ 0.00	\$ 0.00	\$ 162,514.78
09/30/2025	REINVESTMENT	\$ 585.49	\$ 0.00	\$ 163,100.27
09/30/2025	ENDING BALANCE	\$ 0.00	\$ 0.00	\$ 163,100.27

PO BOX 26547
SALT LAKE CITY, UT 84126-0547

This Statement: September 30, 2025
Last Statement: August 29, 2025

P39615 05-0000-ZFN-PG0023-00006
0039576 01 AV 0.59 **AUTO T2 0 1595 84501-275251

CARBON COUNTY TREASURER
(SCOFIELD RESERVOIR SPEC SERVICE DIST)
STE 1400
751 E 100 N STE 1400
PRICE, UT 84501-2752



Primary Account: [REDACTED]

Direct Inquiries to:
800-789-2265
WWW.ZIONS BANK.COM



WE HAVEN'T FORGOTTEN WHO KEEPS US IN BUSINESS. ®

Effective November 16, 2025, the Deposit Account Agreement will be amended. You can access the current version of the Deposit Account Agreement and a list of upcoming changes by visiting the Agreement Center at www.zionsbank.com/personal/agreement-center/.

SUMMARY OF ACCOUNT BALANCE

Account Type	Account Number	Account Ending Balance
MUNICIPAL MONEY MARKET	[REDACTED]	\$237,480.63

MUNICIPAL MONEY MARKET 0048611024

0365

	Previous Balance	Deposits/Credits	Withdrawals/Debits	Checks Processed	Ending Balance
Count:		14	1	0	
Amount:	235,802.48	9,077.41	7,399.26-	0.00	237,480.63

DEPOSITS/CREDITS

Posting Date	Effective Date	Amount	Description
09/04	09/04	300.00	Secure Instant P InstantPay REF # 02524 7004580946 Secure In
09/04	09/04	2,100.00	DEPOSIT
09/08	09/08	600.00	Secure Instant P InstantPay REF # 02525 1007256631 Secure In
09/09	09/09	600.00	Secure Instant P InstantPay REF # 02525 2008965996 Secure In
09/09	09/09	1,800.00	DEPOSIT
09/12	09/12	300.00	Secure Instant P InstantPay REF # 02525 5002836248 Secure In
09/12	09/12	300.00	DEPOSIT
09/18	09/18	300.00	Secure Instant P InstantPay REF # 02526 1007889930 Secure In
09/19	09/19	600.00	Secure Instant P InstantPay REF # 02526 2009112362 Secure In
09/22	09/22	300.00	DEPOSIT
09/25	09/25	300.00	DEPOSIT
09/30	09/30	900.00	CORPORATE XFER FROM DDA ****2031 ID:000931787
09/30	09/30	600.00	DEPOSIT
09/30	09/30	77.41	INTEREST PAYMENT

CHARGES/DEBITS

Posting Date	Effective Date	Amount	Description
09/30	09/30	7,399.26-	CORPORATE XFER TO DDA ****8006 ID:000934630

CHECKS PROCESSED

There were no transactions this period.

PO BOX 26547
SALT LAKE CITY, UT 84126-0547

ACTIVITY COUNT

During this period

Total Items

32

AGGREGATE OVERDRAFT AND RETURNED ITEM FEES

	Total for This Period	Total Year-to-Date
Total Overdraft Fees	\$0.00	\$0.00
Total Returned Item Fees	\$0.00	\$0.00

To learn more about our other products and services that may lower the cost of managing account overdrafts or to discuss removing overdraft coverage from your account, please contact Customer Service or visit your local branch.

DAILY BALANCE

Date.....	Balance	Date.....	Balance	Date.....	Balance
08/30	\$235,802.48	09/12	\$241,802.48	09/22	\$243,002.48
09/04	\$238,202.48	09/18	\$242,102.48	09/25	\$243,302.48
09/08	\$238,802.48	09/19	\$242,702.48	09/30	\$237,480.63
09/09	\$241,202.48				

INTEREST

Interest Earned This Statement Period	\$77.41
Interest Paid Year-To-Date 2025	\$600.70
Interest Paid Last Year 2024	\$755.76

Number Of Days This Statement Period

32

Current interest rate is 0.3000%

Interest rate changes this period:

Date.....	Rate
09/19	0.3000%

STATEMENT OF ACCOUNT
P T I F
UTAH PUBLIC TREASURERS' INVESTMENT FUND

Marlo M. Oaks, Utah State Treasurer, Fund Manager
PO Box 142315
350 N State Street, Suite 180
Salt Lake City, Utah 84114-2315
Local Call (801) 538-1042 Toll Free (800) 395-7665
www.treasurer.utah.gov

SCOFIELD RESERVOIR SSD
KAY COLOSIMO, CARBON COUNTY
120 E MAIN
PRICE UT 84501-3097

Account	Account Period
1151	October 01, 2025 through October 31, 2025

Summary			
Beginning Balance	\$ 163,100.27	Average Daily Balance	\$ 163,100.27
Deposits	\$ 591.55	Interest Earned	\$ 591.55
Withdrawals	\$ 0.00	360 Day Rate	4.2119
Ending Balance	\$ 163,691.82	365 Day Rate	4.2704

Date	Activity	Deposits	Withdrawals	Balance
10/01/2025	FORWARD BALANCE	\$ 0.00	\$ 0.00	\$ 163,100.27
10/31/2025	REINVESTMENT	\$ 591.55	\$ 0.00	\$ 163,691.82
10/31/2025	ENDING BALANCE	\$ 0.00	\$ 0.00	\$ 163,691.82

ZIONS BANK®

PO BOX 26547
SALT LAKE CITY, UT 84126-0547

P25789 05-0000-ZFN-PC0023-00004

0025764 01 AV 0.39 **AUTO T3 0 1618 84501-275251

CARBON COUNTY TREASURER
(SCOFIELD RESERVOIR SPEC SERVICE DIST)
STE 1400
751 E 100 N STE 1400
PRICE, UT 84501-2752



Statement of Accounts

This Statement: October 31, 2025
Last Statement: September 30, 2025

Primary Account: XXXXXXXXXX

Direct Inquiries to:
800-789-2265
WWW.ZIONS BANK.COM

WE HAVEN'T FORGOTTEN WHO KEEPS US IN BUSINESS. ®

Effective November 16, 2025, the Deposit Account Agreement will be amended. You can access the current version of the Deposit Account Agreement and a list of upcoming changes by visiting the Agreement Center at www.zionsbank.com/personal/agreement-center/.

SUMMARY OF ACCOUNT BALANCE

Account Type	Account Number	Account Ending Balance
MUNICIPAL MONEY MARKET	XXXXXXXXXX	\$233,549.00

MUNICIPAL MONEY MARKET 0048611024

0365

	Previous Balance	Deposits/Credits	Withdrawals/Debits	Checks Processed	Ending Balance
Count:		6	1	0	
Amount:	237,480.63	1,561.16	5,492.79	0.00	233,549.00

DEPOSITS/CREDITS

Posting Date	Effective Date	Amount	Description
10/03	10/03	300.00	DEPOSIT
10/06	10/06	300.00	Secure Instant P InstantPay REF # 02527 9005024997 Secure In
10/08	10/08	300.00	DEPOSIT
10/22	10/22	300.00	DEPOSIT
10/29	10/29	300.00	DEPOSIT
10/31	10/31	61.16	INTEREST PAYMENT

CHARGES/DEBITS

Posting Date	Effective Date	Amount	Description
10/30	10/30	5,492.79	CORPORATE XFER TO DDA ****8006 ID:000644982

CHECKS PROCESSED

There were no transactions this period.

ACTIVITY COUNT

During this period

10

Total Items

ZIONS BANK®

PO BOX 26547
SALT LAKE CITY, UT 84126-0547

October 31, 2025
CARBON COUNTY TREASURER

AGGREGATE OVERDRAFT AND RETURNED ITEM FEES

	<i>Total for This Period</i>	<i>Total Year-to-Date</i>
Total Overdraft Fees	\$0.00	\$0.00
Total Returned Item Fees	\$0.00	\$0.00

To learn more about our other products and services that may lower the cost of managing account overdrafts or to discuss removing overdraft coverage from your account, please contact Customer Service or visit your local branch.

DAILY BALANCE

<i>Date</i>	<i>Balance</i>	<i>Date</i>	<i>Balance</i>	<i>Date</i>	<i>Balance</i>
10/01	\$237,480.63	10/08	\$238,380.63	10/30	\$233,487.84
10/03	\$237,780.63	10/22	\$238,680.63	10/31	\$233,549.00
10/06	\$238,080.63	10/29	\$238,980.63		

INTEREST

Interest Earned This Statement Period	\$61.16
Interest Paid Year-To-Date 2025	\$661.86
Interest Paid Last Year 2024	\$755.76

Number Of Days This Statement Period

31

Current interest rate is 0.2500% with no rate change this statement period

STATEMENT OF ACCOUNT
P T I F
UTAH PUBLIC TREASURERS' INVESTMENT FUND

Marlo M. Oaks, Utah State Treasurer, Fund Manager
PO Box 142315
350 N State Street, Suite 180
Salt Lake City, Utah 84114-2315
Local Call (801) 538-1042 Toll Free (800) 395-7665
www.treasurer.utah.gov

SCOFIELD RESERVOIR SSD
KAY COLOSIMO, CARBON COUNTY
120 E MAIN
PRICE UT 84501-3097

Account		Account Period		
1151		November 01, 2025 through November 30, 2025		
Summary				
Beginning Balance	\$ 163,691.82	Average Daily Balance	\$ 163,691.82	
Deposits	\$ 556.06	Interest Earned	\$ 556.06	
Withdrawals	\$ 0.00	360 Day Rate	4.0764	
Ending Balance	\$ 164,247.88	365 Day Rate	4.1330	
Date	Activity	Deposits	Withdrawals	Balance
11/01/2025	FORWARD BALANCE	\$ 0.00	\$ 0.00	\$ 163,691.82
11/30/2025	REINVESTMENT	\$ 556.06	\$ 0.00	\$ 164,247.88
11/30/2025	ENDING BALANCE	\$ 0.00	\$ 0.00	\$ 164,247.88

ZIONS BANK®

PO BOX 26547
SALT LAKE CITY, UT 84126-0547

P26382 05-0000-ZFN-PG0023-00001

0026356 01 AV 0.59 **AUTO T1 0 1637 84501-275251

CARBON COUNTY TREASURER
(SCOFIELD RESERVOIR SPEC SERVICE DIST)
STE 1400
751 E 100 N STE 1400
PRICE, UT 84501-2752



Statement of Accounts

This Statement: November 28, 2025
Last Statement: October 31, 2025

Primary Account: [REDACTED]

Direct Inquiries to:
800-789-2265
WWW.ZIONS BANK.COM

WE HAVEN'T FORGOTTEN WHO KEEPS US IN BUSINESS. ®

SUMMARY OF ACCOUNT BALANCE

Account Type	Account Number	Account Ending Balance
MUNICIPAL MONEY MARKET	[REDACTED]	\$228,657.19

MUNICIPAL MONEY MARKET 0048611024

0365

	Previous Balance	Deposits/Credits	Withdrawals/Debits	Checks Processed	Ending Balance
Count:		2	2	0	
Amount:	233,549.00	645.31	5,537.12-	0.00	228,657.19

DEPOSITS/CREDITS

Posting Date	Effective Date	Amount	Description
11/06	11/06	600.00	DEPOSIT
11/28	11/28	45.31	INTEREST PAYMENT

CHARGES/DEBITS

Posting Date	Effective Date	Amount	Description
11/17	11/17	1,382.87-	PAYPAL CREDIT SYF PAYMNT REF # 02531 8005191897 PAYPAL CREDI
11/26	11/26	4,154.25-	CORPORATE XFER TO DDA *****8006 ID:000610879

CHECKS PROCESSED

There were no transactions this period.

ACTIVITY COUNT

During this period
6

Total Items

AGGREGATE OVERDRAFT AND RETURNED ITEM FEES

	Total for This Period	Total Year-to-Date
Total Overdraft Fees	\$0.00	\$0.00
Total Returned Item Fees	\$0.00	\$0.00

To learn more about our other products and services that may lower the cost of managing account overdrafts or to discuss removing overdraft coverage from your account, please contact Customer Service or visit your local branch.

SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT - ENTERPRISE FUND

Account #	Description	2025 APPROVED Budget	YTD Actual	Projected thru Year- End	Adjustment	2025 Proposed AMENDED Budget	2025 Proposed Budget
REVENUE							
52-3610-000-000	Interest Earnings	(4,000.00)	(6,617.13)		-	-	(4,000.00)
52-3650-000-000	Miscellaneous Revenues	(200.00)					(200.00)
52-3733-000-000	Annual User Fees - Clear Creek	(14,400.00)	(13,500.00)				(14,400.00)
52-3734-000-000	Annual User Fees - Reservoir	(81,300.00)	(82,560.51)				(81,300.00)
52-3735-000-000	Sewer Connection Fees	(2,400.00)	-				(2,400.00)
52-3736-000-000	Inspection Fees	(80.00)	-				(80.00)
52-3810-000-000	Prior Year Carry Over	(35,220.00)	-		-	-	(35,220.00)
TOTAL REVENUE		(137,600.00)	(102,677.64)				(137,600.00)
EXPENSES							
52-4140-731-000	Construction of Improvements	6,000.00	-				6,000.00
52-4710-810-000	Principal on C.I.B Loan	10,000.00	10,000.00	-	-		10,000.00
52-4710-820-000	Interest on C.I.B Loan	2,500.00	1,046.26	-	-		2,500.00
52-4820-960-000	Required Reserve Fund	5,000.00	-	-	-		5,000.00
52-5212-250-000	Equipment & Sewer Line Maint	7,000.00	1,237.05	-	-		7,000.00
52-5212-251-000	Supplies	1,500.00	98.52	-	-		1,500.00
52-5212-270-000	Utilities	9,000.00	4,374.32	-	-		9,000.00
52-5212-310-000	Contracted Service Scofield To	36,500.00	30,408.10	-	-	-	36,500.00
52-5212-311-000	Pumping Costs-Holding Tanks	10,600.00	6,516.00	-	-		10,600.00
52-5212-312-000	Clear Creek-Maintenance	1,200.00	-	-	-		1,200.00
52-5212-620-000	Sampling Program Charges	100.00	-	-	-		100.00
52-5213-220-000	Public Notices	600.00	51.00	-	-		600.00
52-5213-230-000	Travel	-	-	-	-		-
52-5213-240-000	Billing Supplies & Postage	1,000.00	482.00	-	-		1,000.00
52-5213-310-000	Accounting & Audit	1,200.00	1,145.00	-	-		1,200.00
52-5213-510-000	Insurance	4,000.00	3,597.50	-	-	-	4,000.00
52-5213-610-000	Professional Service- Engineering	4,400.00	-	-	-		4,400.00
52-5213-611-000	Professional Service-Admin	7,000.00	6,250.00	-	-	-	7,000.00
52-5213-612-000	Depreciation Expense	30,000.00	-	-	-		30,000.00
Total Expenses		137,600.00	65,204.75				137,600.00

SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT - ENTERPRISE FUND

Account #	Description	2025 APPROVED Budget	YTD Actual	Projected thru Year-End	Adjustments	2025 Proposed AMENDED Budget	2026 Proposed Budget
REVENUE							
52-3610-000-000	Interest Earnings	(4,000.00)	(6,617.13)		-	-	(4,000.00)
52-3650-000-000	Miscellaneous Revenues	(200.00)					(200.00)
52-3733-000-000	Annual User Fees - Clear Creek	(14,400.00)	(13,500.00)				(14,400.00)
52-3734-000-000	Annual User Fees - Reservoir	(81,300.00)	(82,560.51)				(82,300.00)
52-3735-000-000	Sewer Connection Fees	(2,400.00)	-				(2,400.00)
52-3736-000-000	Inspection Fees	(80.00)	-				(80.00)
52-3810-000-000	Prior Year Carry Over	(35,220.00)	-		-	-	(35,220.00)
TOTAL REVENUE		(137,600.00)	(102,677.64)				(138,600.00)
EXPENSES							
52-4140-731-000	Construction of Impr	6,000.00	-				6,000.00
52-4710-810-000	Principal on C.I.B Lo	10,000.00	10,000.00	-	-		11,000.00
52-4710-820-000	Interest on C.I.B Loa	2,500.00	1,046.26	-	-		2,500.00
52-4820-960-000	Required Reserve F	5,000.00	-	-	-		5,000.00
52-5212-250-000	Equipment & Sewer	7,000.00	1,237.05	-	-		7,000.00
52-5212-251-000	Supplies	1,500.00	98.52	-	-		1,500.00
52-5212-270-000	Utilities	9,000.00	4,374.32	-	-		9,000.00
52-5212-310-000	Contracted Service-t	36,500.00	30,408.10	-	-	-	36,500.00
52-5212-311-000	Pumping Costs-Hold	10,600.00	6,515.00	-	-		10,600.00
52-5212-312-000	Clear Creek-Mainten	1,200.00	-	-	-		1,200.00
52-5212-620-000	Sampling Program C	100.00	-	-	-		100.00
52-5213-220-000	Public Notices	600.00	51.00	-	-		600.00
52-5213-230-000	Travel	-	-	-	-		-
52-5213-240-000	Billing Supplies & Po	1,000.00	482.00	-	-		1,000.00
52-5213-310-000	Accounting & Audit	1,200.00	1,145.00	-	-		1,200.00
52-5213-510-000	Insurance	4,000.00	3,597.50	-	-	-	4,000.00
52-5213-610-000	Professional Service	4,400.00	-	-	-		4,400.00
52-5213-611-000	Professional Service	7,000.00	6,250.00	-	-	-	7,000.00
52-5213-612-000	Depreciation Expens	30,000.00	-	-	-		30,000.00

Total Expenses	137,600.00	65,204.75	138,600.00
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ORDINANCE NO. 2026-01

Notice is hereby given that the Board of Officers of the Scofield Reservoir Special Service District met in regular meeting on December 4, 2025, and established the following Quarterly Meeting dates for the 2026 District Board. All meetings will commence at **10:00 a.m.** and be held in the Carbon County Administration Building located at 751 East 100 North, Price, Utah 2nd Floor Conference Room

Thursday, March 5, 2026..... 10:00 a.m.
Thursday, June 4, 2026.....10:00 a.m.
Thursday, September 3, 2026..... 10:00 a.m.
Thursday, December 3, 2026..... 10:00 a.m.

PASSED this 4th day of December, 2025 by the BOARD OF OFFICERS OF THE SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT.

Signed: Rudy Metelko
Rudy Metelko, Chairman

Published in the ETV10 Newspaper

December 10, 2025 edition

Soleil Marrelli
Administrator, Soleil Marrelli



Soleil Marrelli <soleil.marrelli@carbon.utah.gov>

Re: HELSTEN RECORD

1 message

Doris Johnston <doris.johnston@carbon.utah.gov>
To: Soleil Marrelli <soleil.marrelli@carbon.utah.gov>

Thu, Nov 20, 2025 at 11:44 AM

This is 1988 for Lazy cp. Not sure where it is. No other ones. I added the permit file for Helsten-2012

339108\88 Lazy CP Partnership Scofield

Addition

Doris Johnston 

Carbon County Building & Planning
Building Permit Tech/Admin

☎ 435-636-3260 / 435-636-3718
✉ doris.johnston@carbon.utah.gov
📍 751 E 100 N, Ste 2600, Price, UT 84501
🌐 carbon.utah.gov

On Thu, Nov 20, 2025 at 11:24 AM Soleil Marrelli <soleil.marrelli@carbon.utah.gov> wrote:
This is great thank you. Is it easy to get a copy of the permit?

Thank You,

Soleil Marrelli

Soleil Marrelli
Carbon County
Deputy Clerk/Auditor
751 E 100 N Suite #1100
Price UT 84501
PH: 435-636-3220
Fax: 435-636-3210
soleil.marrelli@carbon.utah.gov

On Thu, Nov 20, 2025 at 10:51 AM Doris Johnston <doris.johnston@carbon.utah.gov> wrote:
I don't see any permits in 2009 for Helsten or Panier. Here is what we have for parcel 2A-0161-0000 Helsten.
2012 & 2004. Do you need me to pull the 2012 one?

SCOFIELD RESERVOIR
SPECIAL SERVICE DISTRICT

Carbon County Courthouse
120 East Main Street
Poe, Utah 84501
(435) 636-3226

Connection Fee \$ _____ No. _____
Date Paid _____
Received By _____

Inspection Fee \$ _____ No. _____
Date Paid _____
Received By _____

Application for Sewer Connection

022

Applicant: Doug Helsten Building Permit Number: 7652
Billing Address: 1159 NORTH 650 EAST Orem UT 84097
Street City State Zip

SRSSD Service Address: 2 A-0161 2nd Cabin
Campsite Address

Telephone: 801-225-9120 Property Tax ID #: 2 A-0161-0000

Signature: [Signature] Date: June 30, 2005

Residential (Check One)

Connection Fee*

Inspection Fee*



Existing Vacant Lot Within Limits
of Sewer Line

\$1,200.00

\$20.00



Existing Vacant Lot Outside Sewer
Line**

\$1,200.00

\$20.00

*All fees must be paid by check or money order to the Scofield Reservoir Special Service District. No cash please.

**Lot owner must extend sewer at own cost. Connection fee applies to extension cost.

PLEASE HAVE YOUR CONTRACTOR PROVIDE A DRAWING OF THE SEWER CONNECTION WITH DIMENSIONS AND CLEAN-OUT LOCATIONS ON A SEPARATE PIECE OF PAPER AND ATTACH IT TO THIS APPLICATION.

THIS SECTION TO BE COMPLETED BY SRSSD PERSONNEL/REPRESENTATIVE

It was stubbed out we hooked to stubs out 4"
SEWER TAP and INSPECTION

Person Making Tap: Mike Frowder Tap Sta: _____ Date: JUNE 25, 2005

Inspector: _____ Building Drain: _____ Date: _____

Clean-out through wye fitting 3' from building to clean-out downstream: YES ☒ NO ☐

Type of Pipe: PVC Pipe Diameter: 4" Buried: YES ☒ NO ☐

Depth of Invert at: _____ Foundation: 1' Property Line: _____ Tap: 6'

Contractor Laying Line: Mike Frowder Drawing Attached: YES ☒ NO ☐ (If no, explain why.)

Existing Sewage System: Septic Tank: _____ Holding Tank: ☒ Other: _____

Existing Sewage System: Pumped ☒ Filled ☐ Removed ☐ Date: _____

Additional Comments:

WHITE - Customer

CANARY - SSD

PINK - File

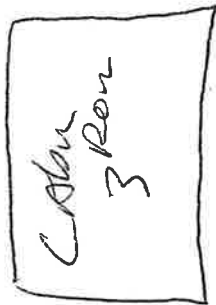
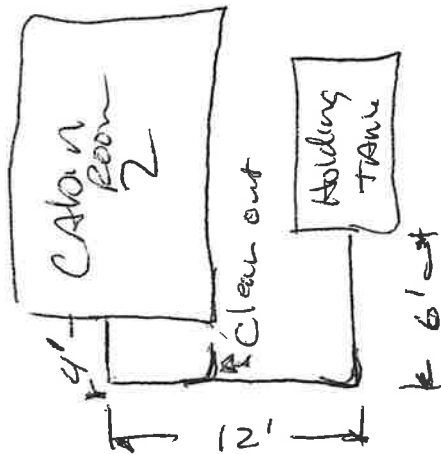
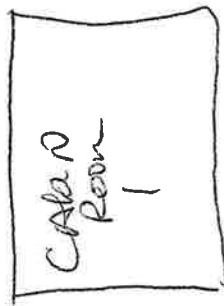
GOLD - Inspector

JUL-1-2005 FRI 08:58AM ID:

PAGE: 2

BA

Sewer hook up



Doug HEUSTEN
Cabin

Cell 801-420-2907

Home 801-225-9120



HELSTEN BUILDERS

1159 NORTH 650 EAST
OREM, UTAH 84097
(801) 225-9120 (801) 225-9563

WESTERN COMMUNITY BANK

1376 North State
Orem, Utah 84059

97-291/1243

0008276

RENT \$20

PAY TO THE
ORDER OF

Carbon County

\$20.00

Twenty dollars and no/100

DOLLARS

[Signature]

MEMO ▼

THIS DOCUMENT CONTAINS HEAT SENSITIVE INK. TOUCH OR PRESS HERE - REJ IMAGE DISAPPEARS WITH HEAT.

008276 12430291401 00195 71

HELSTEN BUILDERS

0008276

INSPECTION FEE For Sewer

Doug Helsten

276R(new)

46423

CARBON COUNTY AUDITOR'S OFFICE

Price, Utah

AUGUST 4, 2005 ~~20.00~~

\$ 20.00

To the Treasurer of Carbon, County:

THIS CERTIFIES THAT HELSTEN BUILDERS
 has the above sum to remit to the Carbon County Treasurer for credit to the Carbon County Funds. You are hereby
 authorized to receive and place this sum to the credit of Carbon County.

Robert P. Pero, County Auditor. By

I Hereby acknowledge receipt of the above sum for credit to the funds indicated below

Marilyn Graham, County Treasurer. By

NOTE: This is not a LEGAL RECEIPT until officially Validated and signed by the Carbon County Treasurer.

ACCOUNT CLASSIFICATION OF REVENUE

52	3736	000	\$ 20.00					\$
			\$					\$
			\$					\$
			\$					\$
			\$					\$

EXPLANATION: INSPECTION FEE FOR SEWER DOUG HELSTEN 276R CK#0008276 JUNE 30, 2005

Copy Distribution: (White - Payee) (Yellow - Treasurer) (Pink - Treasurer Report) (Gold - Auditor)

Pecan Printing Co. - Price, Utah

46255

CARBON COUNTY AUDITOR'S OFFICE

Price, Utah JULY 12, 20 05

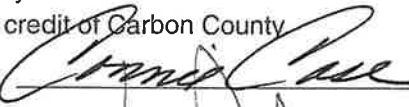
To the Treasurer of Carbon, County:

\$ 1200.00

THIS CERTIFIES THAT HELSTEN BUILDERS LLC

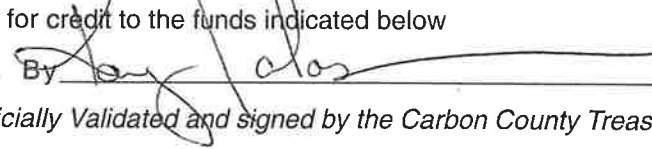
has the above sum to remit to the Carbon County Treasurer for credit to the Carbon County Funds. You are hereby authorized to receive and place this sum to the credit of Carbon County

Robert P. Pero, County Auditor. By



I Hereby acknowledge receipt of the above sum for credit to the funds indicated below

Marilyn Graham, County Treasurer. By



NOTE: This is not a LEGAL RECEIPT until officially Validated and signed by the Carbon County Treasurer.

ACCOUNT CLASSIFICATION OF REVENUE

52	3735	000	\$ 1200.00					\$
			\$					\$
			\$					\$
			\$					\$
SEWER CONNECTION FEE UTILITIES				CK#1906	6-30-05			

EXPLANATION:

Copy Distribution: (White - Payee) (Yellow - Treasurer) (Pink - Treasurer Report) (Gold - Auditor)

Peczun Printing Co. - Price, Utah



HELSTEN BUILDERS, LLC
1159 NORTH 650 EAST
OREM, UTAH 84097
(801) 225-9120 (801) 420-3991

WESTERN COMMUNITY BANK
1376 North State
Orem, Utah 84059
97-291/1243

190

6/30/2005

PAY TO THE ORDER OF **SCOFIELD RESERVOIR SPECIAL SERVICE**

\$ **1,200.00

One Thousand Two Hundred and 00/100*****

DOLLAR

SCOFIELD RESERVOIR SPECIAL SERVICE
120 EAST MAIN STREET
PRICE, UTAH 84501

MEMO

THIS DOCUMENT CONTAINS HEAT SENSITIVE INK. TOUCH OR PRESS HERE - RED IMAGE DISAPPEARS WITH HEAT.

⑈001906⑈ ⑆124302914⑆01 01655 9⑈

HELSTEN BUILDERS, LLC

SCOFIELD RESERVOIR SPECIAL SERVICE
UTILITIES HOOK UP FEE

6/30/2005

190
1,200.00

276R(NEW)

WCB HELSTEN LC

1,200.00

HELSTEN BUILDERS, LLC

SCOFIELD RESERVOIR SPECIAL SERVICE
UTILITIES HOOK UP FEE

6/30/2005

1906
1,200.00

WCB HELSTEN LC

1,200.00

SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT

Carbon County Courthouse
120 East Main Street
Price, Utah 84501
(435) 636-3226

Connection Fee \$ 1200.00 No. 4304
Date Paid Dec. 18, 14
Received By Sandy Lehman Jan. 2, 2015

Inspection Fee \$ 20.00 No. _____
Date Paid _____
Received By Same as above

Application for Sewer Connection

029

Applicant: Derrick Helsten Building Permit Number: _____

Billing Address: 5672 Woodland Drive MTN Green UT 84050
Street City State Zip

SRSSD Service Address: Section 16 T-12-S R-7-E
Campsite Address

Telephone: 801 430-2580 Property Tax ID #: 2A-0161-0000

Signature: [Signature] Date: Dec 28 2014

Residential (Check One)

Connection Fee*

Inspection Fee*

- | | | | |
|-------------------------------------|---|------------|---------|
| <input type="checkbox"/> | Existing Vacant Lot Within Limits of Sewer Line | \$1,200.00 | \$20.00 |
| <input checked="" type="checkbox"/> | Existing Vacant Lot Outside Sewer Line ** | \$1,200.00 | \$20.00 |

*All fees must be paid by check or money order to the Scofield Reservoir Special Service District. No cash please.

**Lot owner must extend sewer at own cost. Connection fee applies to extension cost.

PLEASE HAVE YOUR CONTRACTOR PROVIDE A DRAWING OF THE SEWER CONNECTION WITH DIMENSIONS AND CLEAN-OUT LOCATIONS ON A SEPARATE PIECE OF PAPER AND ATTACH IT TO THIS APPLICATION.

THIS SECTION TO BE COMPLETED BY SRSSD PERSONNEL/REPRESENTATIVE

SEWER TAP and INSPECTION

Person Making Tap: _____ Tap Sta: _____ Date: _____

Inspector: _____ Building Drain: _____ Date: _____

Clean-out through wye fitting 3' from building to clean-out downstream: YES ☐ NO ☐

Type of Pipe: _____ Pipe Diameter: _____ Buried: YES ☐ NO ☐

Depth of Invert at: Foundation: _____ Property Line: _____ Tap: _____

Contractor Laying Line: _____ Drawing Attached: YES ☐ NO ☐ (If no, explain why.)

Existing Sewage System: Septic Tank: _____ Holding Tank: _____ Other: _____

Existing Sewage System: Pumped ☐ Filled ☐ Removed ☐ Date: _____

Additional Comments:



Carbon County, Utah
 Courthouse
 120 East Main Street
 P.O. Box 84501
 Salt Lake City, UT 84101

Planning Building Dept

APPLICATION FOR PERMIT

BUILDING, ELECTRICAL, MECHANICAL, PLUMBING
 APPROVAL OF PERMIT MAY REQUIRE 15 BUSINESS DAYS

APPLICANT COMPLETES THIS SIDE

FOR OFFICE USE ONLY

NO. CAR 120626216
 Date Issued: 6-26-12

Zoning District: SL

Flood Zone: A B C D

Site Plan Approved by: [Signature]

Water Right or Connection: #91-4821
U24028
 Individual Wastewater Disposal Permit No. #11688
 PRWD: _____

Occupancy: A B E F H I M O S U On 30

Type of Construction: I II III IV V HTAS _____ Hour

Comments: _____

Special Conditions of Permit: floor elevation to be 7623' minimum
& cabin location to not be located in UDOT right-of-way. Verification needed.
☐ Flood zone requirements apply

Size of Building in Square Feet: 2160

Actual Valuation: \$ 275,743

Valuation for Permit: \$ 10,222

Demolition Fee: \$ _____

Permit Fee: \$ 648.75

1% Utah Surcharge: \$ 6.49

65% Plan Check Fee: \$ 421.69

Less: \$ _____

Special Investigation Fee: \$ _____

TOTAL: \$ 1,276.93

Approved: [Signature]

NOTICE - The valuation County used to calculate this permit fee is different than the appraised value used by County Assessor for taxable value. This permit becomes null and void if work or construction authorized is not commenced within 180 days, or if construction or work is suspended or abandoned for a period of 180 days at any time after work is commenced. Permit expires in one year. All provisions of law and ordinances governing this type of work will be complied with, whether specified herein or not. The granting of a permit does not presume to give authority to violate or ignore the provisions of any other state or local law regarding construction or the performance of construction.

LOCATION

Job Address: Section 16 T-12-S R-7-E

SLB1M

Carbon County Utah

LOT _____ TRACT _____ ASSESSOR NO. DA-0161-0000

OWNER

Name: Derrick & Mandalyn Heblton

Mailing Address: 5672 Woodland Drive

Midnight Green Utah 84050

Phone: 801-430-2580

GENERAL CONTRACTOR

Name: Mountain View Homes Phone: 801-430-2580

License No.: 5813835-5501

CHECK IF OWNER ☒

ELECTRICAL CONTRACTOR

Name: _____ Phone: _____

License No.: _____

PLUMBING CONTRACTOR

Name: _____ Phone: _____

License No.: _____

MECHANICAL CONTRACTOR

Name: _____ Phone: _____

License No.: _____

SPECIAL INSPECTOR

Name: _____ Phone: _____

License No.: _____

☐ Concrete ☐ Steel Reinforcement

☐ Masonry ☐ Structural Steel

PROPOSED WORK

☒ New ☐ Alter ☐ Move

☐ Add ☐ Repair ☐ Demolish

Describe the work to be performed: Cabin

Signature of Applicant or Authorized Agent: [Signature] Date: June 8, 2012

Signature of County Engineer: [Signature] Date: June 8, 2012

CARBON COUNTY BUILDING DEPARTMENT
INSPECTION REPORT
 Call 636-3260 For Inspection

Owner <u>Daniel Helsten</u>	Date: <u>6/23/14</u>
Address <u>SE 9600 S. Rd. Res.</u>	
<input checked="" type="checkbox"/> Building <input checked="" type="checkbox"/> Electrical <input checked="" type="checkbox"/> Plumbing <input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Special <input type="checkbox"/> Business License <input type="checkbox"/> Complaint <input type="checkbox"/> Other
<input checked="" type="checkbox"/> County <input type="checkbox"/> Scofield <input type="checkbox"/> Helper <input type="checkbox"/> Sunnyside <input type="checkbox"/> Wellington	
Time: <u>9:56 AM</u>	
Building <u>Owner</u> Contractor(s) Electrical _____ Plumbing _____ Mechanical _____	
STAGE OF WORK <input checked="" type="checkbox"/> Partial <input type="checkbox"/> Complete <input type="checkbox"/> Final <input type="checkbox"/> Issue Certificate of Occupancy <input type="checkbox"/> Full <input type="checkbox"/> Temporary <input type="checkbox"/> Partial	RESULTS OF INSPECTION: <input type="checkbox"/> The Work is Approved <input type="checkbox"/> Corrections Required - <i>see comments below</i> <input type="checkbox"/> Schedule Re-inspection <input type="checkbox"/> STOP WORK - DO NOT PROCEED
<input type="checkbox"/> \$60 Fee for inaccessible or incomplete work at time of inspection or reinspection	<input type="checkbox"/> \$120 Fee for inaccessible or incomplete work more than 20 miles from office
Comments: <u>OK to insulate, install Rod Truss Braking as per engineering, Take photos of before insulating for file</u>	

Inspector: [Signature]
 Carbon County
 17845

CARBON COUNTY BUILDING DEPARTMENT
INSPECTION REPORT
 Call 636-3260 For Inspection

Owner <u>Reynold Helsten</u>	Date: <u>10-29-13</u>
Address <u>24-0161-0000</u>	
<input checked="" type="checkbox"/> Building <input type="checkbox"/> Electrical <input type="checkbox"/> Plumbing <input type="checkbox"/> Mechanical	<input type="checkbox"/> Special <input type="checkbox"/> Business License <input type="checkbox"/> Complaint <input type="checkbox"/> Other
<input type="checkbox"/> County <input type="checkbox"/> Scofield <input type="checkbox"/> Helper <input type="checkbox"/> Sunnyside <input type="checkbox"/> Wellington	
Time: <u>2:20</u>	
Building <u>Mary Thomas</u> Contractor(s) Electrical _____ Plumbing _____ Mechanical _____	
STAGE OF WORK <input checked="" type="checkbox"/> Partial <input type="checkbox"/> Complete <input type="checkbox"/> Final <input type="checkbox"/> Issue Certificate of Occupancy <input type="checkbox"/> Full <input type="checkbox"/> Temporary <input type="checkbox"/> Partial	RESULTS OF INSPECTION: <input type="checkbox"/> The Work is Approved <input type="checkbox"/> Corrections Required - <i>see comments below</i> <input type="checkbox"/> Schedule Re-inspection <input type="checkbox"/> STOP WORK - DO NOT PROCEED
<input type="checkbox"/> \$60 Fee for inaccessible or incomplete work at time of inspection or reinspection	<input type="checkbox"/> \$120 Fee for inaccessible or incomplete work more than 20 miles from office
Comments: <u>choathing</u> <u>caust all poro & batona</u> <u>coordination - unable to verify</u>	

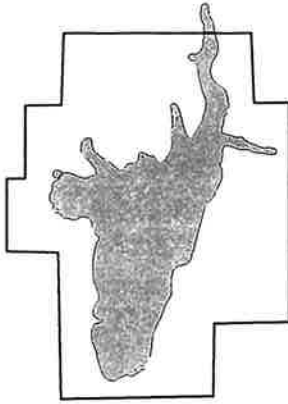
Inspector: [Signature]
 Carbon County
 20153

**CARBON COUNTY BUILDING DEPARTMENT
INSPECTION REPORT**
Call 636-3260 For Inspection

Owner <u>Reynold Helston</u>		Date: <u>8-9-12</u>
Address <u>24-0161-000 Seafield</u>		<input checked="" type="checkbox"/> County <input type="checkbox"/> Scofield <input type="checkbox"/> Helper <input type="checkbox"/> Sunnyside <input type="checkbox"/> Wellington
<input checked="" type="checkbox"/> Building <input type="checkbox"/> Electrical <input type="checkbox"/> Plumbing <input type="checkbox"/> Mechanical	<input type="checkbox"/> Special <input type="checkbox"/> Business License <input type="checkbox"/> Complaint <input type="checkbox"/> Other	<input type="checkbox"/> Sunny <input type="checkbox"/> Well <input type="checkbox"/> Other
Time: <u>11:00</u>		
CONTRACTOR(S)		
Building <u>Owner</u>	Plumbing _____	
Electrical _____	Mechanical _____	
STAGE OF WORK <input type="checkbox"/> Partial <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Final <input type="checkbox"/> Issue Certificate of Occupancy <input type="checkbox"/> Full <input type="checkbox"/> Temporary <input type="checkbox"/> Partial		
RESULTS OF INSPECTION: <input checked="" type="checkbox"/> The Work is Approved <input type="checkbox"/> Corrections Required - <i>see comments below</i> <input type="checkbox"/> Schedule Re-inspection <input type="checkbox"/> STOP WORK - DO NOT PROCEED		
<input type="checkbox"/> \$60 Fee for inaccessible or incomplete work at time of inspection or reinspection	<input type="checkbox"/> \$120 Fee for inaccessible or incomplete work more than 20 miles from office	<input type="checkbox"/> \$120 Fee for no Permit
Comments: <u>Foundation</u>		
<u>UFER East Nathy</u>		
<u>OK to pour</u>		
Inspector: <u>OK Chastleton</u>		
Carbon County		
16100		

**CARBON COUNTY BUILDING DEPARTMENT
INSPECTION REPORT**
Call 636-3260 For Inspection

Owner <u>Reynold Helston</u>		Date: <u>8-1-12</u>
Address <u>Seafield 24-0161-000</u>		<input checked="" type="checkbox"/> County <input type="checkbox"/> Scofield <input type="checkbox"/> Helper <input type="checkbox"/> Sunnyside <input type="checkbox"/> Wellington
<input checked="" type="checkbox"/> Building <input type="checkbox"/> Electrical <input type="checkbox"/> Plumbing <input type="checkbox"/> Mechanical	<input type="checkbox"/> Special <input type="checkbox"/> Business License <input type="checkbox"/> Complaint <input type="checkbox"/> Other	<input type="checkbox"/> Sunny <input type="checkbox"/> Well <input type="checkbox"/> Other
Time: <u>9:10</u>		
CONTRACTOR(S)		
Building <u>Owner</u>	Plumbing _____	
Electrical _____	Mechanical _____	
STAGE OF WORK <input type="checkbox"/> Partial <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Final <input type="checkbox"/> Issue Certificate of Occupancy <input type="checkbox"/> Full <input type="checkbox"/> Temporary <input type="checkbox"/> Partial		
RESULTS OF INSPECTION: <input checked="" type="checkbox"/> The Work is Approved <input type="checkbox"/> Corrections Required - <i>see comments below</i> <input type="checkbox"/> Schedule Re-inspection <input type="checkbox"/> STOP WORK - DO NOT PROCEED		
<input type="checkbox"/> \$60 Fee for inaccessible or incomplete work at time of inspection or reinspection	<input type="checkbox"/> \$120 Fee for inaccessible or incomplete work more than 20 miles from office	<input type="checkbox"/> \$120 Fee for no Permit
Comments: <u>footing for cabin</u>		
<u>UFER North side</u>		
<u>OK to pour</u>		
Inspector: <u>OK Chastleton</u>		
Carbon County		
16076		



SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT

Carbon County Courthouse
120 East Main • Price, Utah 84501
Phone (435) 636-3226 • Fax (435) 636-3210

November 18, 2014

Mr. Derrick Helsten
5672 Woodland Drive
Mt. Green, UT 84050

Via: Certified U.S. Mail

Re: *Sewer Connection for new Cabin*

Dear Mr. Helsten:

It has come to the attention of the Scofield Reservoir Special Service District (SRSSD) that you have constructed a new dwelling on your property identified as Parcel 2A-0161-0000 near Scofield Reservoir.

This letter is to inform you that you **must** complete the enclosed Application for a new sewer connection, have the connection inspected by the SRSSD inspector and pay the applicable inspection and connection fees associated with new connections. Every sewer connection is considered separate and each requires payment of a connection fee and annual service fee thereafter. When the subject sewer connection is approved, the SRSSD will bill you **annually** for this new sewer connection along with the bill for the current sewer connection on your property.

I have included for your information the District's Ordinances and Regulations.

Please respond by December 15, 2014. You will not receive final occupancy from the Carbon County Building Department until this matter is resolved. If you have any questions concerning this, please call Sandra Lehman, Administrator, at 435-636-3226.

Sincerely,
SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT

Ted Helsten
Chairman

TH/sl

Encls. 1. Application
2. Ordinances and Regulations

cc: Mike Erkkila, SRSSD Inspector
David Levanger, Carbon County Building Official
Kathy Johnston, Carbon County Building Inspector



MOUNTAIN DREAM HOMES LLC 12/04
5672 WOODLAND DRIVE
MOUNTAIN GREEN, UTAH 84050
801-430-2580

1ST BANK
MORGAN, UT 84050
97-080/1243

4304

12/29/2014
December 18, 2014PAY TO THE
ORDER OF

SCOFIELD RESERVIOR SSD

\$ **1,220.00

One Thousand Two Hundred Twenty and 00/100

DOLLARS

SCOFIELD RESERVIOR SSD
CARBON COUNTY COURTHOUSE
120 EAST MAIN STREET
PRICE, UTAH 84501

▲ TAMPER RESISTANT TONER AREA ▲

MEMO

2A-0161-0000

⑈004304⑈ ⑆124300806⑆ 20246 0⑈

WHEN RECORDED MAIL TO:
Derrick and Mandalyn Helsten
5672 Woodland Dr.
Mt. Green, UT 84050
RO

Ent 815347 Bk 772 Pg 224
Date: 20-JUN-2012 12:22:03PM
Fee: \$10.00 Check
Filed By: VB
VIKKI BARNETT, Recorder
CARBON COUNTY CORPORATION
For: UNITED WEST TITLE

WARRANTY DEED

Nick Morgan , an undivided 1/3 interest

Grantor,

hereby CONVEY and WARRANT to

Derrick Helsten and Mandalyn Helsten, Husband and Wife as Joint Tenants, an undivided 1/3 interest

Grantee,

for the sum of TEN DOLLARS and other good and valuable consideration, the following tract of land in Carbon County, State of Utah, to-wit

**Township 12 South, Range 7 East SLB&M
Section 16: NE1/4SE1/4**

Subject to the Restriction: That any or one or more of the above Grantees cannot encumber, mortgage or cause to have a lien put on said property without the express consent of all vested owners.

Subject to easements, restrictions and rights of way appearing of record and enforceable in law and subject to 2011 taxes and thereafter.

WITNESS the hand of said grantor, this 13th day of February 2012



Nick Morgan

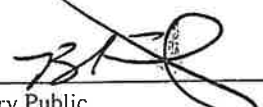
STATE OF UTAH)

:SS

COUNTY OF ~~UTAH~~ Salt Lake)

On this 13th day of February, 2012, personally appeared before me **Nick Morgan**, the signer(s) of the within instrument, who duly acknowledged to me that he executed the same.




Notary Public



Scofield Reservoir Special Service District

Carbon County Courthouse
120 East Main Street
Price, Utah 84501

Phone # (435) 636-3226 Fax # (435) 636-3210

INVOICE

Date Invoice #
5/15/2012 11688

DUE DATE SEPTEMBER 1 OF SERVICE YEAR

Bill To

Helsten Builders, LLC
1159 North 650 East
Orem, UT 84097

ACCOUNT

276R

Description	Amount
23 Sewer Service 2012 Season	168.00

Total \$168.00

Payments/Credits \$0.00

Balance Due \$168.00

Please be advised that fire hazards and unsightly properties are a major concern of Carbon County's and will be dealt with on a continual basis. County Code Enforcement Officers and staff will be making routine inspections of all properties in the unincorporated areas of the County and in the Pleasant Valley/Scofield area. Any properties found to be in violation of the following codes and ordinances shall be issued an Order of Non-Compliance. Should the Order be disregarded, citation and prosecution of the offending properties will be pursued.

Carbon County Code 3.9.8 states:

"No yard or other open space shall be used for the storage of junk, debris or obsolete vehicles or other nuisances; and no land shall be used for such purposes, except as specifically permitted herein."

Carbon County Ordinance Number 323 also prohibits public nuisances which include but are not limited to:

1. Noxious Weed and Other Vegetation Over 6" in Height;
2. Scrap;
3. Waste Debris;
4. Burning Garbage;
5. Excessive Animal/Waste Odors;
6. Hazardous Materials;
7. Accumulation of Rubbish, Paper, Trash; and
8. Unsafe Structures and Situations or Circumstances that could Endanger Life, Devalue Property or Adversely Affect the Health, Safety or Welfare of the Public.

The account referenced above identifies you as the responsible party for payment of this invoice. If a change in property ownership occurs, please notify us immediately at the number listed above and provide the correct information for future billing purposes. Until the required notification is received, you will remain the responsible party for payment of all charges associated with this account. Thank you.

18 June 2012

Structural Calculations

Owner: Derrick Helsten
Plan: Helsten Cabin
Location: Section 16 T-1 2-S R-7-E SLB&M
Carbon County Utah
From: York Engineering Inc.
2329 W. Spring Hollow Road
Morgan, Utah 84050 (801) 876-3501

Design Criteria IBC 2009:

Roof Load;

Live Load (PSF) 120

Dead Load (PSF) 15

Floor Load;

Live Load (PSF) 40

Dead Load (PSF) 10

Seismic Zone: D

Wind Speed: 90 mph (110 mph 3 second gust) Exposure C or
100 mph (120 mph 3 second gust) Exposure B

Material Properties & Assumptions

Concrete PSI (fc'): 2500 (found.), 2500 (slabs), 4000 (susp. slabs)

Concrete Reinforcement: ASTM A615 Grade 60

CMU, 8' Block M/S mortar,

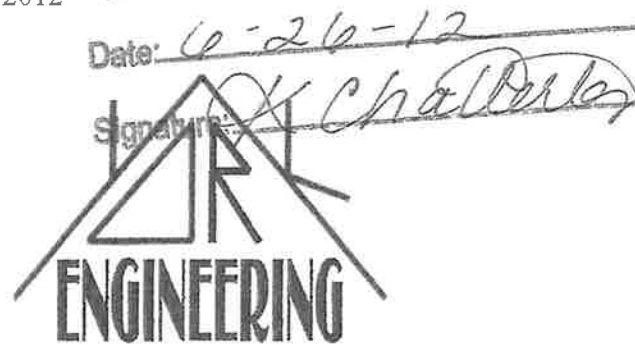
Site Conditions: Dry & Stable granular based, 2500 PSF Bearing Capacity, Granular Based

Backfill (KH=35 pcf, KP=225), Slope not to exceed 20%, Minimum setback from slopes of 25'

Dimensional Lumber: Hem or Doug Fir #2 & BTR

Steel: ASTM A36

Use Simpson straps and tie downs, and meet nailing, reinforcement and other structural requirements as noted on the drawing and within the pages of this document. These structural calculations are based on conditions and assumptions listed above. If the conditions listed herein are not met or are different it shall be brought to the attention of the engineer. Roof Truss and beam system to be engineered by the supplier. This engineering assumes that the building site is dry and stable, a high water table or adverse soils such as plastic clays, fills etc. could cause future flooding, settlement, site instability, or other adverse conditions. Verification of and liability for the soil bearing pressure, site stability, and all other site conditions, including site engineering as required, is the responsibility of others. These calculations and engineering are for the new building structure only and do not provide any engineering analysis of or liability/warranty for the non-structural portions of the building, or the site itself. William York is the structural engineer only and does not assume the role of "Registered Design Professional" or "Engineer of Record" on this project. The purpose of these calculations and engineering is to help reduce structural damage and loss of life due to seismic activity and/or high wind conditions. The contractor shall verify all conditions, dimensions and structural details of the drawing. Multiple use of these calculations is not permitted.

Date: 6-26-12
Signature: *W. York*




All exterior walls shall be sheathed with 7/16" APA rated structural wood panel. Block all horizontal edges 1 ½" nominal or wider. Sheathing shall extend continuous from floor to top plate and be nailed at least 4" O.C. along sill plate. Nails shall be placed not less than ½" from edge of panel and driven flush but shall not fracture the surface of the sheathing. Extend sheathing over gable end to wall joints & over rim joist between floors and nail to rim and wall plates 6" O.C.

Shear Wall Schedule

<u>type</u>	<u>Sheathing</u>	<u>Nail</u>	<u>Edge</u>	<u>Field</u>	<u>Anchor Bolts</u>
Typical	7/16" one side	8d	6" O.C.	10" O.C.	½" 32" O.C.
SW-1	7/16" one side	8d	4" O.C.	10" O.C.	½" 32" O.C.

Staples may be used in place of 8d nails at ½ the spacing

The following general requirements shall be followed during construction:

1. Contractor to verify all dimensions, spans, & conditions and notify engineer of any errors, omissions, or discrepancies prior to construction.
2. Use Simpson A35 ties each cantilevered joist to sill or top plate.
3. Use Simpson H1 or equiv. ties each end of each truss.
4. Foundation reinforcement as per Utah State Amendment
5. Use 2: #4 bars continuous for all footings
 - 2: # 4 bars each side of openings & 2 # 4 bars top & bottom extend 36" beyond opening
6. Use ½" x 10" J bolts 32" O.C. all foundation walls
7. If discrepancies are found, the more stringent specification shall be followed.
8. All multiple beams and headers to be nailed using 16d two rows 12" O.C.
9. Contractor shall assure that all materials are used per manufactures recommendations.
11. Connect beams & headers over 6 ft., to trimmers with appropriate connectors/hangers.
12. Contractor shall assure that footings are properly drained and that soil is dry and that footings rest on undisturbed native soil below local frost depth and that building horizontal clearance from footings to adjacent slopes be a minimum of 25 feet and that the intent of IRC section R403.1.7.2 is met. If set back requirements of R403.1.7.2 can not be met then contact engineer for further design requirements.
13. The contractor shall conform with all building codes and practices as per the 2009 IRC.
14. Use balloon framing method when connecting floors in split level designs.
15. Nail all shear walls to floor joist using 2: 16d 16" O.C. Add additional floor joist as reqd.
16. Provide joist and rafter hangers as per manufacturers specifications.
17. Foundation steps shall not exceed 4 feet or ½ the horizontal distance between steps. Horz. rebar shall be 12" O.C. through step downs and extend 48" either side of step
18. If garage return walls are less than 32" wide then extend headers across return walls with 2 king studs on either end extending from the top of the header to the bottom plate or install (2) MST 36 straps each end of header extend across wing walls.
19. Use a minimum of 2-9 ½" LVLs for all headers carrying girder loads.
20. Allow foundation 14 days to cure prior to backfill
21. Use 1 1/8" wide timberstrand or equiv. for all rim joist
22. Provide solid blocking through structure down to footing for all load paths.
23. Stacking of two sill plates is permitted with 5/8" J-bolts through both plates. Stacking more than two plates is not permitted without special engineering

Plan: **Helsten Cabin**

Date: **30 May 2012**

Location: Section 16 T-12-s R-7-E SLB&M, Carbon County

Footings Calculations	back	front	left	right	interior
Concrete Specs					
Density (pcf)	150	150	150	150	150
Strength (psi)	2500	2500	2500	2500	2500
Clear Cover Thickness (in)	3	3	3	3	3
Foundation					
Overall Height (ft)	3.00	7.83	7.83	7.83	0.08
Height (in)	36	94	94	94	1
Wall Thickness (ft)	0.67	0.67	0.67	0.67	0.67
Thickness (in)	8	8	8	8	8
Weight (kips/ft)	0.30	0.78	0.78	0.78	0.01
Footings Specs					
Width (ft)	2.00	2.00	1.67	1.67	1.33
Width (in)	24	24	20	20	16
Height (ft)	0.83	0.83	0.83	0.83	0.83
Height (in)	10	10	10	10	10
Weight (kips/ft)	0.25	0.25	0.21	0.21	0.17
Area per ft	2.00	2.00	1.67	1.67	1.33
Soil Specs					
Density (pcf)	125	125	125	125	125
Soil Pressure (psf)	1500	1500	1500	1500	1500
Weight (kips/ft)	0.25	0.65	0.49	0.49	0.00
Building Loads					
Roof span	26	26	4	4	26
Roof (kips/ft)	1.76	1.76	0.27	0.27	1.76
Wall Height (ft)	18	10	14	14	12
Wall Load (kips/ft)	0.36	0.20	0.28	0.28	0.18
Floor span	19	14	2	2	3
Floor Loads (kips/ft)	0.48	0.35	0.05	0.05	0.08
Total (kips/ft)	2.59	2.31	0.60	0.60	2.01
Calculations					
Total Weight on Soil (kips)	3.14	3.34	1.59	1.59	2.19
Soil Load (ksf)	1.57	1.67	0.96	0.96	1.64
Required Footing Width (in)	24	24	20	20	16
Required Footing Depth (in)	10	10	10	10	10

Plan: **Helsten Cabin**

Date: **30 May 2012**

Location: **Section 16 T-12-s R-7-E SLB&M, Carbon County**

Sawn Lumber Load Parameters	RB-2	RB-3	FB-4	FB-5	FB-9	FB-10
Floor Live Load(psf)	40	40	40	40	40	40
Floor Total Load(psf)	50	50	50	50	50	50
Floor 1 Span(ft)	0	0	0	19	30	26
Total Floor Load(plf)	0	0	0	475	750	650
Wall Height (ft)	0	0	8	8	0	9
Wall Weight (psf)	20	20	20	20	20	20
Wall Load(plf)	0	0	160	160	0	180
Roof LL (psf)	120	120	120	120	120	120
Total Roof Load(psf)	135	135	135	135	135	135
Roof Span(ft)	16	26	26	2	0	0
Total Roof Load(plf)	1080	1755	1755	135	0	0
Beam Weight (plf)	4.4	4.4	5.6	4.4	4.4	5.6
Live Load (plf)	960	1560	1560	500	600	520
Total Load (plf)	1084	1759	1921	774	754	836

Reactions & Moment

Duration Increase	1	1	1	1	1	1
Beam Span(ft)	3	2.5	3	3	3	5
Reaction 1 (lb)	1627	2199	2881	1162	1132	2089
Reaction 2 (lb)	1627	2199	2881	1162	1132	2089
Max Moment FtLb	1220	1374	2161	871	849	2611
Max Shear Lb	1627	2199	2881	1162	1132	2089

Determine Beam Size

Depth Estimate (in)	7.25	7.25	9.25	7.25	7.25	9.25
Width Estimate (in)	3	3	3	3	3	3
CF =	1.20	1.20	1.10	1.20	1.20	1.10
Area =	21.75	21.75	27.75	21.75	21.75	27.75
Moment of Inertia I =	95	95	198	95	95	198
Maximum Bend Stress =	557	628	606	398	387	732
Allowable bend Stress	1020	1020	935	1020	1020	935
Factor Of Safety =	1.83	1.63	1.54	2.56	2.63	1.28
Allowable Sheer Stress	180	180	165	180	180	165
Max Shear Cap (lbs) =	2610	2610	3053	2610	2610	3053
Factor Of Safety =	1.60	1.19	1.06	2.25	2.31	1.46
Bearing Required =	1.34	1.81	2.37	0.96	0.93	1.72
E (psi)	1300000	1300000	1300000	1300000	1300000	1300000
Deflection LL (in)	0.01	0.01	0.01	0.01	0.01	0.03
LLoad Def. Limit L/	360	360	360	360	360	360
Allowable Deflection (in)	0.10	0.08	0.10	0.10	0.10	0.17
LL Deflection F/S	7.08	7.53	9.05	13.59	11.33	5.86
Deflection TL (in)	0.02	0.01	0.01	0.01	0.01	0.05
TLoad Def. Limit L/	240	240	240	240	240	240
Allowable Deflection (in)	0.15	0.125	0.15	0.15	0.15	0.25
TL Deflection F/S	9.40	10.01	11.02	13.16	13.51	5.47

Selection	2: 2 x 8	2: 2 x 8	2: 2 x 10	2: 2 x 8	2: 2 x 8	2: 2 x 10
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Plan: **Helsten Cabin**

Date: **30 May 2012**

Location: **Section 16 T-12-s R-7-E SLB&M, Carbon County**

LVL Beam	RB-1	RB-4	FB-1	FB-3	FB-6	FB-7	FB-8
Load Parameters							
Floor LL (psf)	40	40	40	40	40	40	40
Total Floor Load(psf)	50	50	50	50	50	50	50
Floor Span (ft)	0	0	19	0	4	25	2
Total Floor Load (plf)	0	0	475	0	100	625	50
Wall Height (ft)	0	0	0	0	12	0	10
Wall Weight (psf)	20	20	20	20	20	20	20
Wall Load (plf)	0	0	0	8	240	0	200
Roof LL (psf)	120	120	120	120	120	120	120
Total Roof Load (psf)	135	135	135	135	135	135	135
Roof Span (ft)	27	25	0	26	26	0	3
Roof Load (plf)	1823	1688	0	1755	1755	0	203
Beam Weight (plf)	9.6	21	27	12	27	12	14
Live Load (plf)	1620	1500	380	1560	1640	500	220
Total Load (plf)	1832	1709	502	1775	2122	637	467
Reactions & Moment							
Duration Increase	1	1	1	1	1	1	1
Beam Span(ft)	5	12	24	8.5	13	11	16
Reaction 1 (lb)	4580	10252	6026	7544	13794	3504	3734
Reaction 2 (lb)	4580	10252	6026	7544	13794	3504	3734
Max Moment FtLb	5725	30755	36154	16031	44830	9636	14935
Max Shear Lb	4580	10252	6026	7544	13794	3504	3734
Max Shear Stress (psi)	138	141	64	181	147	84	76
Determine Size							
Depth Estimate (in)	9.50	14.00	18.00	11.88	18.00	11.88	14.00
Width Estimate (in)	3.5	5.2	5.2	3.5	5.2	3.5	3.5
Cross Area (in^2)	33	73	94	42	94	42	49
Allowable Bending Stress =	2684	2546	2461	2604	2461	2604	2546
Allowable Moment =	11775	36041	57576	17862	57576	17862	24258
Moment of Inertia I =	250	1189	2527	489	2527	489	800
Factor Of Safety =	2.06	1.17	1.59	1.11	1.28	1.85	1.62
Allowable Shear Stress (psi)=	285	285	285	285	285	285	285
Allowable Shear Force (lb)=	6318	13832	17784	7900	17784	7900	9310
Factor Of Safety =	1.38	1.35	2.95	1.05	1.29	2.25	2.49
Bearing Required =	1.74	2.63	1.55	2.87	3.54	1.33	1.42
E (psi)	1900000	1900000	1900000	1900000	1900000	1900000	1900000
Deflection LL (in)	0.05	0.31	0.59	0.20	0.22	0.18	0.21
LLoad Def. Limit L/	360	360	360	360	360	480	360
Allowable Deflection (in)	0.17	0.40	0.80	0.28	0.43	0.28	0.53
LL Deflection F/S	3.48	1.29	1.35	1.44	1.97	1.55	2.50
Deflection TL (in)	0.05	0.35	0.78	0.22	0.28	0.23	0.45
TLoad Def. Limit L/	240	240	240	240	240	360	240
Allowable Deflection (in)	0.25	0.60	1.20	0.43	0.65	0.37	0.80
TL Deflection F/S	4.61	1.70	1.54	1.89	2.29	1.62	1.77
Selection	2: 9 1/2"	3: 14"	3: 18"	2: 11 7/8"	3: 18"	2: 11 7/8"	2: 14"

Plan: **Helsten Cabin**

Date: **30 May 2012**

Location: **Section 16 T-12-s R-7-E SLB&**

GLU-LAM Beam 24F-V4

FB-1

FB-11

Load Parameters

Live Floor Load (psf)	40	120
Total Floor Load(psf)	50	130
Floor Span(ft)	19	12
Total Floor 1 Load(plf)	475	780
Wall Height (ft)	0	0
Wall Weight (psf)	20	20
Wall Load(plf)	0	0
Roof Live Load (psf)	120	120
Total Roof Load (psf)	135	135
Roof Span (ft)	0	0
Total Roof Load (plf)	0	0
Beam Weight (plf)	24.3	32.0
Live Load (plf)	380	720
Total Load	499	812

Reactions & Moment

Duration Increase	1	1
Beam Span(ft)	24	24
Unbraced Length (ft)	1	1
Reaction 1 (lb)	5991	9744
Reaction 2 (lb)	5991	9744
Max Moment FtLb	35949	58461
Max Shear Lb	5991	9744
Max Shear Stress (psi)	60	74

Determine Beam Size

Depth Estimate (in)	19.5	19.5
Width Estimate (in)	5.13	6.75
Cv ≈	0.94	0.91
Allowable Bending Stress	2256	2195
Area ≈	100.04	131.63
Moment of Inertia I ≈	3170	4171
Beam Value for S (in^3)	325	428
Allowable Moment (lb*ft)=	61114	78236
Moment Factor Of Safety =	1.70	1.34
Allowable Shear Stress =	240	240
Allowable Shear Force =	16006	21060
Shear Factor Of Safety =	2.67	2.16
Bearing Required ≈	1.87	2.31
LL Deflection in. =	0.50	0.72
LLoad Def. Limit L/	480	360
Allowable Deflection (in)	0.60	0.80
LL Deflection F/S	1.21	1.12
TL Deflection in. =	0.65	0.81
TLoad Def. Limit L/	360	240
Allowable Deflection (in)	0.80	1.20
TL Deflection F/S	1.22	1.49

Selection

5 1/8" x 19 1/2" & 3/4" x 19 1/2"

Plan: Helsten Cabin
 Date: 30 May 2012
 Location: Section 16 T-12-s R-7-E SLB&M, Carbon County

TJI Joist **210**
 Span (ft) 19
 Depth 11.88

Load Parameters
 Floor Dead Load 10
 Floor Live Load 40
 Total Floor Load 50

Simple Span Joist
 Duration Increase 1
 Joist Span(ft) 19
 Joist Spacing 16
 Joist Weight (plf) 2.8
 Joist Loading (plf) 69
 Max Reaction (lbs) 660
 Max Moment (FtLb/lf) 3135
 Max Shear Lb 660

Determine Joist Size
 Depth 11 7/8"
 Max Moment 100% (ft-lbs) = 3620
 F. S. for moment = 1.15
 Max Shear 100% (lbs) = 980
 F. S. for shear = 1.48
 Bearing Required (in.)= 2.00
 Live Load (L/360) = 0.63
 Total Load (L/240) = 0.95
 $EI \times 10^6$ (lb-in²) 283
 Live Load Deflection (in) 0.60
 Total Load Deflection (in) 0.78
 Live Load F of S 1.06
 Total Load F of S 1.22

Selection 11 7/8" 210* @ 16" o.c

Plan: Helsten Cabin
Date: 30 May 2012
Location: Section 16 T-12-s R-7-E SLB&M, Carbon County

BCI JOISTS	5000	6000	60	90
Span (ft)	15.3	15.3	15.3	15.3
Depth	11.88	9.5	14	14
Load Parameters				
Floor Dead Load	10	10	10	10
Floor Live Load	40	40	40	40
Total Floor Load	50	50	50	50
Simple Span Joist				
Duration Increase	1	1	1	1
Joist Span(ft)	15.3	15.3	15.3	15.3
Joist Spacing	16	16	16	16
Joist Weight (plf)	2.5	2.2	3.1	4.1
Joist Loading (plf)	69	69	70	71
Max Reaction (lbs)	529	527	534	541
Max Moment (FtLb/lf)	2024	2015	2041	2071
Max Shear Lb	529	527	534	541
Determine Joist Size				
Depth =	11 7/8"	9 1/2"	14"	14"
Max Moment 100% (ft-lbs) =	3150	2865	7440	11390
F. S. for moment =	1.56	1.42	3.64	5.50
Max Shear 100% (lbs) =	950	1175	1175	1450
F. S. for shear =	1.80	2.23	2.20	2.68
Live Load (L/360) =	0.51	0.51	0.51	0.51
Total Load (L/240) =	0.77	0.77	0.77	0.77
EI x 10 ⁶ (lb-in ⁴)	265	180	635	940
K x 10 ⁶ (lbs)	6	5	8	8
Live Load Deflection (in)	0.27	0.40	0.12	0.09
Total Load Deflection (in)	0.35	0.51	0.16	0.12
Live Load F of S	1.87	1.29	4.17	5.75
Total Load F of S	2.16	1.50	4.78	6.50
Selection	11 7/8" 5000 @ 16"	9 1/2" 6000 @ 16"	14" 60 @ 16"	14" 90 @ 16"

Plan: Heistan Cabin
 Date: 30 May 2012
 Location: Section 16 T-12-s R-7-E SLB&M, Carbon County

Seismic Calculations

Loading Summary

Floor Dead Load (psf)	10	Seismic Zone	E
Floor Live Load (psf)	40		
Walls (Ext)(psf)	20	Roof LL (psf)	120
Walls (Int)(psf)	10	Roof DL (psf)	15
Roof Dead Load (psf)	15		
Roof Slope	6 / 12		
Exterior	combination		

Snow Load Reduction

Slope	26.56	V=C _s *W/1.4	
Snow	120.00	F _a =	1
Pitch over 20		R=	6.5 table 1617.6
Rs		S _s =	0.55
Reduction		S _{ms} =	0.55 eq. 16-16
L.L.- Reduction	120.00	S _{ds} =	0.37 eq 16-18
Total Load	135.00	C _s =	0.068 per eq. 16-49
		Adj. Factor	1.4
		C _s =	0.0483

Roof	Length	W(psf)	Lb/ft	Width	W(lb)
	60	39	2340	34	31824
roof wall					5220
					Total Mass Tributary to Roof Levels = 37044
					Shear (V)(lbs) Roof Levels = 1789
Floor 2	Length	W(psf)	lb/ft	Width	W(lb)
	24	10	240	34	52296
wall height	9				12740
					Total Mass Tributary to Floor 2= 65036
					Shear (V)(lbs) Floor Levels = 3141
Floor 1	Length	W(psf)	lb/ft	Width	W(lb)
	60	10	600	34	17040
wall height	8				24440
					Total Mass Tributary to Floor 1= 41480
					Shear (V)(lbs) Floor Levels = 2004
Floor 1 Lateral Force	2004				
Floor 2 Lateral Force	3141				
Roof Lateral Force	1789				
Total Seismic Mass =	143560				
Total Lateral Force =	6934				

Seismic Force Distribution

--- Roof Sections ---	H(x)	W(x) kip	W(x)H(x)	% Force	Total Shear F
Roof	31.3	37	1158	42.85%	2,97138
Floor 1	9.0	41	373	13.82%	6,9344213
Floor 2	9.0	65	1171	43.33%	5,9751873
Totals	144	2702		1	
V/sum(W*H) =	0.0025 /	Total Shear (lbs) =	6934		

Basement Shear Wall

Total Load (kips)	F (total)	Length	Shear Wall Load (plf)
right side	3.5	16	21 /
left side	3.5	10	34 /
front	3.5	10	34 /
back	3.5	44	79

Floor 1 Shear Wall

Total Load (kips)	F (total)	Length	Shear Wall Load (plf)
right side	3.0	26	115
left side	3.0	26	115
front	3.0	29	103
back	3.0	33	91

Floor 2 Shear Wall

Total Load (kips)	F (total)	Length	Shear Wall Load (plf)
right side	1.5	26	5 /
left side	1.5	26	5 /
front	1.5	18	83
back	1.5	19	99

Shear Wall Critical Lengths	Wall DL	Floor DL	Roof DL	UL (plf)	critical I (ft)
Front	200	350	1755	1535	1
Back	360	475	1755	1725	1
Right	280	50	270	400	5
Left	280	50	270	400	5

Calculate Uplift, Force Req'd to Prevent UI (lbs)

Panel Length (ft)	2	3	4	6	8
Front	-1216	-2751	-4286	-7356	-10426
Back	-1820	-3545	-5270	-8720	-12170
Right	1269	870	470	-329	-1128
Left	1269	870	470	-329	-1128

Plan: Helsten Cabin
Date: 30 May 2012
Location: Section 16 T-12-s R-7-E SLB&M, Carbon County

Wind Loading Calculations using Main Windforce-Resisting System (MWFRS)
Longitudinal Direction

Wind Design Coefficients
 $P = \text{wind load} \times \text{exp coeff} \times I_w$
 $P = \text{Design Pressure}$
Horizontal Wind Load (from table 1609.6.2.1(1))
Wall Load (psf)=
end zone (A) 16.1
interior zone (C) 11.7
Roof Load (psf)=
end zone (B) 2.6
interior zone (D) 2.7
Vertical Wind Load (from table 1609.6.2.1(1))
Roof Load (psf)=
end zone windward (E) -7.2
end zone leeward (F) -9.8
interior zone windward (G) -5.2
interior zone leeward (H) -5.2

Exposure Coefficient (from table 1609.6.2.1(4)) 1.40
 $I_w = \text{Importance Factor}$ (from table 1604.5) 1.0

Wind Speed = 90 Roof Height 8.50
Exposure C Wall Height 27
Truss Span 34

Roof Slope = 6 / 12
Roof Angle (deg)= 26.56 Sine = 0.4472
Minimum Pressure
Adjusted
 $P = \text{wind load} \times \text{exp coeff} \times I_w$
horizontal wall interior 16.38 16.38
horizontal wall end zone 22.54 22.54
horizontal roof interior 3.78 10.00
horizontal roof end zone 3.64 10.00
vertical end zone windward -10.08 0.00
vertical end zone leeward -13.72 0.00
vertical interior zone windward -7.28 0.00
vertical interior zone leeward -7.28 0.00

4"Hmean 12.5
1"base 3.4

End Zone Width (ft) 3.4 2nd storyEnd Zone Width (ft) 3.4
Interior Zone Width (ft) 27.2 2nd StoryInterior Zone Width (ft) 27.2

Gable Roof Load	End	Width	Height	Wind Load	Force (lbs)
	End	3.4	1.6	22.54	125
	Interior	27.2	3.43	16.38	2257
				Sum =	2381.77

Hip Roof Load	End	Area	Wind Load	Force (lbs)
	End	289	10.00	2890
	Interior	46.24	10.00	462
			Total	3352

Wall Load	End	Width	Height	Wind Load	Force (lb/ft)	2nd Stor
	End	3.4	1.0	22.54	153	153.27
	Interior	27.2	1.00	16.38	446	445.54
			Sum =	598.808	588.81	

Vertical Force	end zone windward	Width	Length	Wind Load	Force (lbs)
	leeward	3	28.30	FALSE	0
	leeward	3	28.30	FALSE	0
	interior zone windward	27	28.30	FALSE	0
	leeward	27	28.30	FALSE	0

Floor 2 Diaphragm Shear	Total Shear (lbs)	Shear Wall Lengths (plf)
	8742	
	18	243
	15	291

Floor 1 Diaphragm Shear	Total Shear (lbs)	Shear Wall Lengths (plf)
	13532	
	29	233
	33	205

basement Diaphragm Shear	Total Shear (lbs)	Shear Wall Lengths (plf)
	18921	
	10	946
	44	215

Critical Wall Length (ft)=
Front Wall Dead Load (plf)= 1535 Total 32646
Front Wall Critical Length (ft)= 2 Total (plf) 174
Back Wall Dead Load (plf)= 1725
Back Wall Critical Length (ft)= 1

Calculate Uplift, Force Req'd to Prevent OT (lbs)
Panel Length (ft) 2 3 4 6 8 10 12
Front 38 -642 -1323 -2685 -4046 -5408 -6769
Back -321 -1097 -1872 -3424 -4975 -6526 -8078

Plan: Helsten Cabin

Date 30 May 2012

Location: Section 16 T-12-s R-7-E SLB&M, Carbon County

Wind Loading Calculations using Main Windforce-Resisting System (MWFRS)

Transverse Direction

Wind Design Coefficients

$P = \text{wind load} * \text{exp coeff} * I_w$

$P = \text{Design Pressure}$

Horizontal Wind Load (from table 1609.6.2.1(1))

Wall Load (psf)=
end zone (A) 16.1
interior zone (C) 11.7
Roof Load (psf)=
end zone (B) 2.6
interior zone (D) 2.7

Vertical Wind Load (from table 1609.6.2.1(1))

Roof Load (psf)=
end zone windward (E) -7.2
end zone leeward (F) -9.8
interior zone windward (G) -5.2
interior zone leeward (H) -5.2

Exposure Coefficient (from table 1609.6.2.1(4)) 1.40

$I_w = \text{Importance Factor}$ (from table 1604.5) 1.0

Wind Speed = 90 Roof Height 8.5
Exposure C Wall Height 27
Truss Span 34

Roof Slope = 6 / 12

Roof Angle (deg)= 26.56 Sine = 0.4472

Minimum Pressure

$P = \text{wind load} * \text{exp coeff} * I_w$

Adjusted
horizontal wall interior 16.38
horizontal wall end zone 22.54 22.54
horizontal roof interior 3.78 10.00
horizontal roof end zone 3.64 10.00
vertical end zone windward -10.08 0.00
vertical end zone leeward -13.72 0.00
vertical interior zone windward -7.28 0.00
vertical interior zone leeward -7.28 0.00

End Zone Width (ft) 3.4 2nd story End Zone Width (ft) 3.4
Interior Zone Width (ft) 53.2 2nd Story Interior Zone Width (ft) 17.2

Gable Roof Load	End	Width	Height	Wind Load	Force (lbs)
Interior	End	3.4	1.6	22.54	125
	Interior	53.2	3.43	16.38	4414
				Sum =	4539.007

Hip Roof Load	End	Area	Wind Load	Force (lbs)
Interior	End	510	10.00	5100
	Interior	90.44	10.00	904
			Total	6004

Wall Load	End	Width	Height	Wind Load	Force (lbs)	2nd Story
Interior	End	3.4	1.0	22.54	153	153.272
	Interior	53.2	1.00	16.38	871	281.736
				Sum =	1024.688	435.008

Vertical Force	end zone	Width	length	Wind Load	Force (lbs)
windward	end zone	3	43.30	FALSE	0
leeward	leeward	3	43.30	FALSE	0
windward	interior zone	53	43.30	FALSE	0
leeward	leeward	53	43.30	FALSE	0

Floor 2 Diaphragm Shear	Shear Wall Loads (plf)
Total Shear (lbs)	9919
Left Wall Length	26
Right Wall Length	26

Floor 1 Diaphragm Shear	Shear Wall Loads (plf)
Total Shear (lbs)	23424
Left Wall Length	26
Right Wall Length	26

basement Diaphragm Shear	Shear Wall Loads (plf)
Total Shear (lbs)	32646
Left Wall Length	10
Right Wall Length	16

Critical Wall Length (ft)=	Total
Left Wall Dead Load (plf)=	400
Left Wall Critical Length (ft)=	13
Right Wall Dead Load (plf)=	400
Right Wall Critical Length (ft)=	13

Calculate Uplift, Force Req'd to Prevent OT (lbs)

Panel Length (ft)	2	3	4	6	8	10	12
Front	2399	2247	2096	1792	1489	1185	881
Back	2399	2247	2096	1792	1489	1185	881

Plan : Helsten Cabin

Date : 30 May 2012

Location Section 16 T-12-s R-7-E SLB&M, Carl Glue Lamb Beam

Micro-Lam Beam	FB-2	FB-12	FB-2
Uniform Loads			
Uniform Floor Span (ft)	0	0	0
Total Uniform Floor Load (plf)	0	0	0
Wall Height (ft)	0	0	0
Wall Weight (psf)	20	20	20
Wall Load (plf)	0	0	0
Uniform Roof Span (ft)	25	25	25
Total Uniform Roof Load (plf)	1687.5	1687.5	1687.5
Point Loads			
1 Distance from Left (ft)	2	8	2
1 Point Live Load (lb)	0	4824	0
1 Point Dead Load (lb)	0	1206	0
2 Distance from Left (ft)	8.5	7	8.5
2 Point Live Load (lb)	5000	0	5000
2 Point Dead Load (lb)	1000	0	1000
Partial Uniform Loads			
1 Uniform Span (ft)	0	0	0
1 Live Load (plf)	0	0	0
1 Dead Load (plf)	0	0	0
1 Distance of left side (ft)	1	1	1
1 Distance of right side (ft)	6	6	6
2 Uniform Span (ft)	0	0	0
2 Live Load (plf)	0	0	0
2 Dead Load (plf)	0	0	0
2 Distance of left side (ft)	8	8	8
2 Distance of right side (ft)	10	10	10
Tapered Load			
Tapered load left (plf)	0	0	0
Tapered load right (plf)	0	0	0
Left Distance (ft)	6	6	6
Right Distance (ft)	8	8	8
Beam Weight (plf)	27.14	27.41	24.29

Reactions & Moment

Duration Increase	1	1	1
Beam Span(ft)	12	12	12
Left Reaction (lb)	12037.9	12299.4	12020.7
Right Reaction (lb)	14537.9	14309.4	14520.7
Max Moment FtLb	42196.5	44044.7	42146.6
Max Mom dist from Left	7.0	7.2	7.0
Max Shear Lb	14537.9	14309.4	14520.7
Max Shear Stress (psi)	155.3	151.4	145.2

Determine Size

Depth Estimate (in)	18.00	18.00	19.5
Width Estimate (in)	5.2	5.25	5.13
Cross Area (in^2)	93.60	94.50	100.04
Max Moment 100% =	60840.00	61425.00	65022.75
Moment of Inertia I =	2527.20	2551.50	3169.86
Factor Of Safety =	1.44	1.39	1.54
Max Shear 100% =	232.98	227.13	217.73
Factor Of Safety =	1.22	1.25	1.22
Bearing Required =	5.08	4.96	5.15
Load S	194.75	203.28	210.73
Beam S	280.80	283.50	325.11
S Factor of Safety	1.44	1.39	1.54
E (psi)	1900000	1900000	0.00
Deflection LL (in)	0.20	0.20	0.17
L/360	0.30	0.40	0.60
LL Deflection F of S	1.49	1.97	3.53
Deflection TL (in)	0.23	0.24	0.20
L/240	0.40	0.60	0.60
TL Deflection F of S	1.71	2.52	3.05

Selection	3: 18"	3: 18"	5 1/8" x 19.5"
	LVL	LVL	GLB

Snow Load Calculator

County **4 Carbon**

Po **43**

S **63**

Ao **5.2**

Elevation/1000 (A) **7.7 ft**

Pg **163 psf**

Cc = **1**

Ct = **1**

I = **1**

Cs = **0.7**

Pf **114 psf**

Project: Helsten Cabin

Location: RB-4 POST

Column

[2009 International Building Code(2005 NDS)]

7.5 IN x 7.5 IN x 15.5 FT

#2 - Hem-Fir - Dry Use

Section Adequate By: 51.4%

VERTICAL REACTIONS

Live Load: Vert-LL-Rxn = 10300 lb
Dead Load: Vert-DL-Rxn = 163 lb
Total Load: Vert-TL-Rxn = 10463 lb

COLUMN DATA

Total Column Length: 15.5 ft
Unbraced Length (X-Axis) Lx: 15.5 ft
Unbraced Length (Y-Axis) Ly: 15.5 ft
Column End Condition-K (e): 1
Axial Load Duration Factor: 1.00

COLUMN PROPERTIES

#2 Hem-Fir

	Base Values	Adjusted
Compressive Stress:	$F_c = 575$ psi $C_d=1.00$ $C_p=0.67$	$F_c' = 383$ psi
Bending Stress (X-X Axis):	$F_{bx} = 575$ psi $C_d=1.00$ $C_F=1.00$	$F_{bx}' = 575$ psi
Bending Stress (Y-Y Axis):	$F_{by} = 575$ psi $C_d=1.00$ $C_F=1.00$	$F_{by}' = 575$ psi
Modulus of Elasticity:	$E = 1100$ ksi	$E' = 1100$ ksi
Min. Mod. of Elasticity:	$E_{min} = 400$ ksi	$E_{min}' = 400$ ksi
Column Section (X-X Axis):	$d_x = 7.5$ in	
Column Section (Y-Y Axis):	$d_y = 7.5$ in	
Area:	$A = 56.25$ in ²	
Section Modulus (X-X Axis):	$S_x = 70.31$ in ³	
Section Modulus (Y-Y Axis):	$S_y = 70.31$ in ³	
Slenderness Ratio:	$L_{ex}/d_x = 24.8$ $L_{ey}/d_y = 24.8$	

Column Calculations (Controlling Case Only):

Controlling Load Case: Axial Total Load Only (L + D)

Actual Compressive Stress:	$F_c = 186$ psi
Allowable Compressive Stress:	$F_c' = 383$ psi
Eccentricity Moment (X-X Axis):	$M_{x-ex} = 0$ ft-lb
Eccentricity Moment (Y-Y Axis):	$M_{y-ey} = 0$ ft-lb
Moment Due to Lateral Loads (X-X Axis):	$M_x = 0$ ft-lb
Moment Due to Lateral Loads (Y-Y Axis):	$M_y = 0$ ft-lb
Bending Stress Lateral Loads Only (X-X Axis):	$F_{bx} = 0$ psi
Allowable Bending Stress (X-X Axis):	$F_{bx}' = 575$ psi
Bending Stress Lateral Loads Only (Y-Y Axis):	$F_{by} = 0$ psi
Allowable Bending Stress (Y-Y Axis):	$F_{by}' = 575$ psi
Combined Stress Factor:	$CSF = 0.49$



Kelby
York Engineering
2329 W. Spring Hollow Rd.
Morgan Utah 84050

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of

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LOADING DIAGRAM



AXIAL LOADING

Live Load: PL = 10300 lb
Dead Load: PD = 0 lb
Column Self Weight: CSW = 163 lb
Total Load: PT = 10463 lb

CARBON COUNTY BUILDING DEPARTMENT
BUILDING PERMIT VALUATION

Date 10-25-12

Owner Derrick Helsten

Contractor Mountain Dream Homes

Address _____

Assessor Parcel Number 2A-0161-0000

Occupancy of Building R3

Type of Construction VB

<u>Building Element</u>	<u>Permit Valuation</u>	<u>Standard Value*</u>
Unfinished Basement <u>660</u> FT ²	\$ <u>5,940</u>	\$ <u>9,900</u>
Finished Basement _____ FT ²	\$ _____	\$ _____
First Floor <u>1,704</u> FT ²	\$ <u>37,488</u>	\$ <u>175,358</u>
Second Floor <u>456</u> FT ²	\$ <u>10,032</u>	\$ <u>46,926</u>
Solarium or Green house _____ FT ²	\$ _____	\$ _____
Roofed porch <u>282</u> FT ²	\$ <u>1,410</u>	\$ _____
Open Deck _____ FT ²	\$ _____	\$ _____
Garage <u>1,127</u> FT ²	\$ <u>6,762</u>	\$ <u>43,559</u>
Carport _____ FT ²	\$ _____	\$ _____
 Agricultural Building _____ FT ²	 \$ _____	 \$ _____
Commercial _____ FT ²	\$ _____	\$ _____
Industrial _____ FT ²	\$ _____	\$ _____
 Total Valuations	 \$ <u>60,222</u>	 \$ <u>275,743</u>
 Permit Fee	 \$ <u>648.75</u>	
Utah Surcharge 1%	\$ <u>6.49</u>	
Plan Review Fee	\$ <u>421.69</u>	
 Add Special Investigation fee if applicable	 \$ _____	(For work w/o permit)
Total Fees	\$ <u>1,076.93</u>	

*Based on "Building Safety Magazine", a publication of ICC, and other sources

interior 2x4 @ 16"

siding

7/16" sheathing

R 19 or blown in
pre manufactured

R 49 ceiling

Elevation ↑ 7623'

footing depth? 48"

wall height in basement? 8'

masonry fireplace? No

2:00

Plan Review Checklist for Residential Plans

This checklist is compiled for plan review of residential structures and is based on the requirements of the 2009 IRC and Utah State Amendments.

Owner: Derrick Helsten
Contractor: Mountain Dream Homes
Job Address: _____
Designer: Prestige Design

Design Specifications:

Flood Plain	No	Yes	
Soil Bearing	<u>1500</u> psf assumed or _____ psf from Geotechnical Investigation		
Ground Snow Load	43 psf valley	80 psf above 6500 ft.	<u>120</u>
Basic Wind Speed	75 mph	<u>90</u> mph with 3 sec. gust	
Wind Exposure	B <u>C</u>	D	
Seismic Zone	C <u>D₀</u>	D ₁	D ₂
Sloping Site	No	Yes:	Percent of slope _____%
Wildland Urban Interface	<u>No</u>	Yes:	Hazard Rating – Moderate High Extreme

ITEMS MARKED ARE NOT IN COMPLIANCE WITH CODE AND SHALL BE CONSIDERED CORRECTIONS TO THE PLANS SUBMITTED.

Location of Structure on Property

- ☐ A survey of the property is required to establish property lines and/or elevations for flood zone/slope/Wildland Urban Interface.
- ☐ Location is within a flood zone. Comply with Section R322 of the 2009 IRC and FEMA.
- ☐ Exterior walls are in violation of the fire separation distance. Table R302.1
- ☐ Other:

Glazing

- ☐ Hazardous locations require tempered glass. R308.4
- ☐ Other:

Garage and Carports

- ☐ No opening allowed between garage and sleeping rooms. R302.5.1
- ☒ 1 3/8" solid wood 20 minute fire-rated door req. R302.5.1
- ☒ Garage-dwelling separation = 1/2" gypsum board on garage side, 5/8" Type X gypsum board on ceiling of garage req. when living space is above. Table R302.6
- ☐ Carports shall be open on at least 2 sides. R309.2
- ☐ Other:

Plan Review Checklist for Residential Plans

Egress

- ☐ At least 1 emergency escape and rescue opening req. in the basement and in every sleeping room. R310
 - ☐ Sill height = 44" max above finished floor
 - ☐ Opening area = 5.7 sq ft min (grade level 5 sq. ft.)
 - ☐ Opening height = 24" min
 - ☐ Width = 20" min
- ☐ Window wells R310.2
 - ☐ Horizontal area = 9 sq ft min
 - ☐ Width = 36" min
 - ☐ Ladder req. if well depth is greater than 44" R310.2.1
- ☐ Exit door 3' wide and 6'8" height min R311.2
- ☐ Landing req. at each exterior door. R311.7.5
 - ☐ 7 3/4" max below threshold (provided the door does not swing over the landing)
 - ☐ Width to be the same as the door
 - ☐ 36" measured in direction of travel

Exception: Stairway of 2 or fewer risers & is not the required exit door & the door does not swing over the stairway = NO landing required.
- ☒ Stairway R311.7.4 and State Amendment 11
 - ☐ Riser height = 8" max
 - ☐ Tread depth = 9" min
 - ☐ Headroom 6'8" min R311.7.2
- ☒ Handrail height = 34"-38" measured vertically from the sloped plan adjoining the tread nosing. R311.7.7
- ☒ Guard rail req. on porches, balconies, or ramps 30" above grade at 36" max in height. R312.1
- ☐ Other:

Smoke Alarms

- ☒ Smoke alarms shall be interconnected. State Amendment 15
- ☒ Location R314.3
 - ☐ Each sleeping room
 - ☐ Immediate vicinity outside each separate sleeping area
 - ☐ On each additional story, including basement
- ☐ New residential structures with fuel burning appliances and dwellings that have attached garages shall have carbon monoxide alarms installed on each habitable level. R315.1 and State Amendment 15
- ☐ Other:

Plan Review Checklist for Residential Plans

Crawl Spaces & Ventilation

- ☐ Crawl space requires a minimum access of 18" x 24". R408.4
- ☐ If furnace or mechanical equipment is located in the crawl space a minimum access of 30" x 22" is required. M1305.1.4
- ☐ Ventilation shall consist of 1 square foot for each 150 sq ft of area and shall be located within 3 feet of each corner of the building. R408.2
Exception: Total area of ventilation openings shall be permitted to be reduced to 1/1,500 of the under-floor area where the ground is covered with vapor retarder material.
- ☐ Other:

Footings, Foundation and Retaining Walls

- ☐ Soils report req. due to expansive, compressible, or shifting soils are present. R401.4
- ☐ Footing minimum 9" thick and 20" wide. State Empirical Foundation Walls Table 1805.5 (6) (See the following sheet)
- ☒ Footing depth to meet frost line depth of 24" valley or 36" above 6500'. R403.1.4.1
- ☐ Foundation exceeds the parameters of the State Empirical Foundation Walls Table 1805.5 (6) of the Utah Amendment (See the following sheet). Submit engineering for foundation.
- ☐ Reinforcing steel to comply with the State Empirical Foundation Walls Table 1805.5 (6) Utah Amendment. (See the following sheet)
- ☒ Foundation walls shall extend 12" plus 2% above the elevation of the street drainage. If not possible, submit alternate site drainage plan. R403.1.7.3
- ☒ Foundation bolt size and spacing to comply with R403.1.6 and State Amendment 17.
- ☐ Minimum 6" separation of wood walls to finished grade and 4" of brick to grade. R404.1.6
- ☐ Drains shall be provided around concrete or masonry foundation that retains earth. R405.1
- ☐ Walls supporting more than 48" of unbalanced backfill that do not have permanent lateral support at the top & bottom (retaining wall) require engineering. R404.1.3
- ☐ Other:

Floors

- ☐ Joist spans must be in accordance with Tables R502.3.1 (1) and R502.3.1 (2). For other grades refer to AF&PA Span Tables for Joists and Rafters.
- ☐ Cantilevered joists to be in accordance with Tables R502.3.3(1) and R502.3.3(2)
- ☐ Girder spans to be in accordance with Tables R502.5(1) and R502.5(2)
- ☐ Concrete floor 3.5" min thickness. R506.1
- ☐ Base course 4" of graded with 2" maximum aggregate under slab when below grade. R506.2.2
- ☐ Floor sheathing thickness to be in accordance with Table R503.1
- ☐ Naturally durable wood or preservative treated required: R317

TABLE 1805.5(6)
EMPIRICAL FOUNDATION WALLS (1, 7, 8)

Max Height	Top Edge Support	Min Thickness	Vertical Steel (2)	Horizontal Steel (3)	Steel at Openings (4)	Max Lintel Length	Min Lintel Depth
2' (610 mm)	None	6"	(5)	2- #4 Bars	2- #4 Bars above; 1- #4 Bar each side 1- #4 Bar below	2' (610 mm)	2" for each foot of opening width; min. 6"
3' (914 mm)	None	6"	#4 @ 32"	3- #4 Bars	2- #4 Bars above; 1- #4 Bar each side 1- #4 Bar below	2' (610 mm)	2" for each foot of opening width; min. 6"
4' (1219 mm)	None	6"	#4 @ 32"	4- #4 Bars	2- #4 Bars above; 1- #4 Bar each side 1- #4 Bar below	3' (914 mm)	2" for each foot of opening width; min. 6"
6' (1829 mm)	Floor or roof diaphragm (6)	8"	#4 @ 24"	5- #4 Bars	2- #4 Bars above; 1- #4 Bar each side 1- #4 Bar below	6' (1829 mm)	2" for each foot of opening width; min. 6"
8' (2438 mm)	Floor or roof diaphragm (6)	8"	#4 @ 24"	6- #4 Bars	2- #4 Bars above; 1- #4 Bar each side 1- #4 Bar below	6' (1829 mm)	2" for each foot of opening width; min. 6"
9' (2743 mm)	Floor or roof diaphragm (6)	8"	#4 @ 16"	7- #4 Bars	2- #4 Bars above; 1- #4 Bar each side 1- #4 Bar below	6' (1829 mm)	2" for each foot of opening width; min. 6"
Over 9' (2743 mm)	Engineering required	Engineering required	Engineering required	Engineering required	Engineering required	Engineering required	Engineering required

Footnotes:

- (1) Based on 3,000 psi (20.6 Mpa) concrete and 60,000 psi (414 Mpa) reinforcing steel.
- (2) To be placed in the center of the wall, and extended from the footing to within three inches (76 mm) of the top of the wall; dowels of #4 bars to match vertical steel placement shall be provided in the footing, extending 24 inches (610 mm) into the foundation wall.
- (3) One bar shall be located in the top four inches (102 mm), one bar in the bottom four inches (102 mm) and the other bars equally spaced between. Such bar placement satisfies the requirements of Section 1805.9. Corner reinforcing shall be provided so as to lap 24 inches (610 mm).
- (4) Bars shall be placed within two inches (51 mm) of the openings and extend 24 inches (610 mm) beyond the edge of the opening; vertical bars may terminate three inches (76 mm) from the top of the concrete.
- (5) Dowels of #4 bar at 32 inches on center shall be provided in the footing, extending 18 inches (457 mm) into the foundation wall.
- (6) Diaphragm shall conform to the requirements of Section 2308.
- (7) Footing shall be a minimum of nine inches thick by 20 inches wide.
- (8) Soil backfill shall be soil classification types GW, GP, SW, or SP, per Table 1610.1. Soil shall not be submerged or saturated in groundwater.

Dated January 1, 2007

Plan Review Checklist for Residential Plans

- ☐ Joists or bottom wood structural floor closer than 18" or girders when closer than 12" to exposed ground in crawl space
- ☐ Wood framing resting on concrete or masonry less than 8" from ground
- ☐ Sills & sleepers on a concrete or masonry slab in direct contact with ground unless separated from slab by an impervious moisture barrier.
- ☐ Ends of wood girders entering exterior masonry or concrete walls with clearance less than ½" on tops, sides and ends.
- ☐ Wood siding, sheathing and wall framing on the exterior of a building having a clearance of less than 6" from ground.
- ☐ Wood structural members supporting moisture-permeable floors or roofs that are exposed to the weather unless separated by a moisture barrier.
- ☐ Attached directly to the interior of exterior masonry or concrete walls below grade.
- ☒ All wood in contact with ground, embedded in concrete in direct contact with ground or embedded in concrete exposed to the weather that supports permanent structures shall be pressure-preservative-treated wood. R317.1.2
- ☐ Other:

Wall Construction

- ☐ Ceiling height 7' minimum R305.1
- ☐ Stud size, height and spacing to be in accordance with Table R602.3 (5).
- ☒ Header size to comply with Tables R502.5(1) and R502.5(2)
- ☒ Fire blocking req. R302.11
 - ☐ Vertically at the ceiling and floor levels
 - ☐ Horizontally at intervals not exceeding 10 feet
 - ☐ At interconnections between concealed vertical & horizontal spaces such as at soffits, drop ceilings and cove ceilings
 - ☐ In concealed spaces between stair stringers at the top & bottom of the run
 - ☐ At openings around vents, pipes, ducts, cables and wires at ceiling and floor level
 - ☐ Chimney and fireplaces
- ☐ Other:

Wall Covering

- ☐ Gypsum board thickness and application must be in accordance with Table R702.3.5
- ☐ No. 15 felt is req. on exterior applied horizontally with upper layer lapped over the lower layer not less than 2 inches. Joints shall be lapped not less than 6". R703.2
- ☒ Flashing is required at: R703.8
 - ☐ Intersection of foundation and stucco, masonry, siding, or brick veneer
 - ☐ Exterior window & door openings
- ☐ Other:

Plan Review Checklist for Residential Plans

Roof-ceiling Construction

- ☐ Allowable ceiling joists spans to be in accordance with Tables R802.4 (1) through R802.4 (2)
- ☐ Allowable rafter spans to be in accordance with Tables R802.5.1(1) through R802.5.1 (8)
- ☒ Truss design drawings from an engineer to be on site for the 4-way inspection. R802.10.1
- ☐ Attic ventilation to comply with R806.1 and R806.2
- ☐ Attic access opening shall not be less than 22" x 30". R807.1
- ☐ Insulation clearance requirements. R806.3
- ☐ Other:

Roof Assemblies

- ☒ Flashing to be installed at: R903.2.1
 - o Wall & roof intersection
 - o Where there is a change in roof slope or direction
 - o Around openings
- ☐ Other:

Chimneys and Fireplaces

- ☒ Footing of a masonry fireplace and chimney must be at least 12" thick and extend at least 6" beyond the face of the fireplace or foundation wall on ALL sides. Depth of footing must meet frost line depth of 24" in valley and 36" above 6500' elevation. R1001.2
- ☒ Masonry and concrete chimneys installed in D₀, D₁, and D₂ seismic zones must meet reinforcing req. of R1001.3 and anchorage req. of R1001.3
- ☐ Factory built fireplaces must be listed and labeled. They shall be tested in accordance with UL 127. R1004.1
- ☐ Factory built chimneys must be listed and labeled. They shall be installed and terminated in accordance with manufacturer's installation instructions. R1005.1
- ☐ Other:

Energy Efficiency

- ☒ Chapter 11 of the 2009 IRC is deleted and replaced with chapter 11 of the 2006 IRC. State Amendment 20
- ☒ Compliance with the climate zone 6 requirements of the *Table of IECC Building Envelope Requirements for Utah* required. 2006 IRC N1101.2 (See the following sheet)
- ☐ Submit results of an energy efficiency program to exceed the Energy Efficiency requirements. N1101.7
 - o www.energycodes.gov/rescheck/download.stm free download of an energy efficiency program.
- ☐ Other:

Table of IECC Building Envelope Requirements for Utah

Prescriptive Path for Compliance with the 2006 IECC

WINDOWS AND INSULATION

FOUNDATION TYPE

Package	Window U-factor	Skylight U-Factor	Window and Skylight SHGC	Ceiling R-Value	Wood Frame Wall R-Value	Mass Wall R-Value	Floor R-Value	Basement Wall R-Value	Slab R-Value and Depth	Crawl Space Wall R-Value
Climate Zone 3	0.65	0.65	0.40	R-30	R-13	R-5	R-19	R-0	R-0	R-5/13
Climate Zone 5	0.35	0.60	NR	R-38	R-19 or 13+5	R-13	R-30	R-10/13	R-10, 2 ft.	R-10/13
Climate Zone 6	0.35	0.60	NR	R-49	R-19 or 13+5	R-15	R-30	R-10/13	R-10, 4 ft.	R-10/13

"NR" means no requirement is specified in this package.

NOTES:

- This table applies to new construction, as well as all additions, alterations and replacement windows and is based upon the envelope performance requirements for Climate Zones 3, 5 and 6, Table 402.1.1 in the 2006 IECC, and does not reflect any state-specific amendments to the IECC. This table applies to residential buildings, as defined in the IECC, with wood framing and/or mass walls. For steel-framed buildings, refer to Section 402.2.4 of the IECC.
- Window refers to any translucent or transparent material (i.e., glazing) in exterior openings of buildings, including skylights, sliding glass doors and glass block, along with the accompanying sashes, frames, etc.
- Window and skylight U-factor and SHGC values are maximum acceptable levels. An area-weighted average of fenestration products shall be permitted to satisfy the U-factor and SHGC requirements. Window U-factor and SHGC must be determined from a National Fenestration Rating Council (NFRC) label on the product or from a limited table of product default values in the IECC. Up to 15 square feet of glazed fenestration is permitted to be exempt from the U-factor and SHGC requirements.
- The code requires that windows be labeled in a manner to determine that they meet the IECC's air infiltration requirements; specifically, equal to or better than 0.30 cfm per square foot of window area (swinging doors below 0.50 cfm) as determined in accordance with NFRC 400 or AAMA/WDMA/CSA 101/I.S.2/A440 by an accredited, independent laboratory.
- Opaque exterior doors must meet the window U-factor requirements. One exempt door is allowed.
- Insulation R-values are minimum acceptable levels; R-19 shall be permitted to be compressed into a 2x6 cavity. R-values for walls represent the sum of cavity insulation plus insulated sheathing, if any.
- If structural sheathing covers 25% or less of the exterior, insulated sheathing is not required where structural sheathing is used. If structural sheathing covers more than 25% of the exterior, structural sheathing shall be supplemented with insulated sheathing of at least R-2.
- Supply and return ducts shall be insulated to a minimum of R-8. Ducts in floor trusses shall be insulated to a minimum of R-6.
Exception: Ducts or portions thereof located completely inside the thermal building envelope.
- Where there are two different values for basement and crawl space insulation requirements, the first R-value applies to continuous insulation, the second to framing cavity insulation. Crawl space wall R-value shall only apply to unventilated crawl spaces; R-5 shall be added to the required slab edge R-values for heated slabs; and floors over outside air must meet ceiling requirements.
- Prescriptive packages are based upon normal HVAC equipment efficiencies (NAECA minimums). The code also requires the HVAC system to be properly sized using a computational procedure like the ASHRAE Handbook of Fundamentals.

Plan Review Checklist for Residential Plans

Mechanical

- ☐ Habitable rooms without windows must provide mechanical ventilation system capable of producing 0.35 air change per hour. R303.1
- ☐ Bathroom without glazing must provide mechanical ventilation at a rate of 50 cubic feet per minute intermittent or 20 cfm for continuous. R303.3
- ☐ Provide a level appliance work space at least 30" deep and 30" wide. M1305.1
- ☐ Appliances installed in a compartment, alcove, or basement shall have an access door not less than 24" wide and large enough to remove appliance. M1305.1.2
- ☐ Dryer exhaust duct shall not exceed 35' to the wall or roof termination. M1502.4.4.1 and State Amendment 22
- ☐ Submit documentation verifying compliance with ACCA Manual D for duct sizing and ACCA Manual J for equipment sizing. M1601.1
- ☒ Provide adequate combustion air for fuel burning appliances. Chapter 17
- ☐ Fuel burning appliance in bathroom or sleeping room requires manufacturer listing to be submitted. G2406.2
- ☐ The ignition source of an appliance in a garage shall be 18" above the floor. G2408.2
- ☒ Gas pipe sizing shall comply with G2413
- ☐ Other:

Plumbing

- ☒ Minimum clearances for bathroom fixtures: R307.1
 - Lavatories to:
 - Front clearance = 21"
 - Water closet:
 - Center of water closet to wall, tub or other obstruction = 15"
 - Front clearance = 21"
 - Shower
 - In front of opening = 24"
- ☒ Water heaters in Seismic Categories C (not limited to townhouses as per State Amendment #26), D₀, D₁ and D₂ shall be anchored or strapped in the upper 1/3 and the lower 1/3. P2801.7
- ☒ Backflow prevention required for potable water supply systems. P2902.3 and Table 2902.3 and State Amendment 28
- ☐ Other:

Plan Review Checklist for Residential Plans

Electrical

- ☒ Working space of 30" wide, 36" deep and 6'6" height req. for energized equipment and panel boards. E3405.2
- ☒ The premise wiring system shall be grounded at the service with a grounding electrode conductor connected to a grounding electrode system. E3607 & E3608
 - Metal underground water pipe of 10' or more – shall be supplemented E3608.1.1
 - Concrete-encased electrode – "UFER" – Shall be made available in new construction
 - Ground rings
 - Rod and pipe electrode
 - Plate electrode
- ☒ Required branch circuits: E3703
 - Central heating, air conditioning and auxiliary equip – individual branch circuit
 - Kitchen countertop – minimum of two 20-amp branch circuits (either or both shall also be permitted to supply other receptacle outlets in the kitchen, dining area, pantry)
 - Refrigerator may be supplied by a 15-amp service
 - Bathroom – minimum of one 20-amp branch circuit to supply outlets
 - One 20-amp circuit that supplies a single bathroom shall be permitted to supply other equipment within the same bathroom
- ☒ Receptacle outlet distribution: E3901.2
 - No point measured along the floor line in any wall space shall be more than 6'.
 - Wall space is any space that is 2' or more in width & is unbroken by doorways, fireplaces or similar openings
 - Kitchen – not more than 20" above the counter top. E3801.4
 - At each wall counter space that is 12" or wider
 - Outlets to be no more than 48" apart
 - Island counter space that is 24" x 12" or greater a receptacle is req.
 - Peninsular counter space that is 24" x 12" or greater a receptacle is req.
 - Within 6' of intended appliance
 - Bathroom
 - 1 receptacle outlet within 36" of the outside edge of each lav. E3901.6
 - Outdoor
 - 1 receptacle outlet at grade level no more than 6' 6" above grade at the front and back of each dwelling E3901.7
 - Balcony, deck or porch that are accessible from the inside & usable area is 20 sq ft or greater req. a receptacle outlet no more than 6'6" high
 - Laundry
 - 1 receptacle outlet to serve laundry appliances E3901.8
 - Basement & garage
 - 1 receptacle outlet in each in addition to specific equipment req. receptacle outlets E3901.9

Plan Review Checklist for Residential Plans

- ☐ Hallways
 - ☐ 10' or more shall have at least 1 receptacle outlet E3901.10
- ☐ HVAC
 - ☐ A 125-volt, single phase, 15- or 20- amp receptacle outlet within 25' E3901.11
- ☐ GFCI – Ground Fault Circuit Interrupter required: E3902
 - ☐ Bathroom
 - ☐ Garage & accessory buildings with electricity
 - ☐ Outdoor
 - ☐ Crawl space
 - ☐ Unfinished basement
 - ☐ Kitchen
 - ☐ Laundry, utility and bar sink
 - ☐ Boathouse
 - ☐ Boat hoists
 - ☐ Electrically heated floors
- ☒ ARC-Fault protection for all circuits that supply 120-volt, single phase, 15- and 20-amp receptacle outlets in bedrooms. E3902.11
- ☐ Not in use weather proof cover req. in damp locations (weather protected area). E4002.8
- ☐ In use weather proof cover req. on outlets in wet locations. E4002.10
- ☒ Tamper-resistant receptacles required. E4002.14
- ☐ Hydro massage bathtubs shall be supplied by a readily accessible GFCI. E4209.1
- ☐ Hydro massage bathtubs with 125-volt, single-phase receptacles not exceeding 30-amp and within 5' horizontally on the inside walls of tub shall be protected by GFCI. E4209.1
- ☐ Hydro massage bathtub electrical equip shall be accessible without damaging the building structure or building finish. E4209.3
- ☐ Other:

Wildland Urban Interface

- ☐ Location of structure requires a Wildland Urban Interface evaluation.
- ☐ A Plan Review Checklist for Wildland Urban-Interface of Residential Plans accompanies this checklist.
- ☐ Other:

Additional Items:

Plan Review Checklist for Residential Plans

Upon completion of the plan review, the following has been determined:

- ☐ **DISAPPROVED:** Plans and specifications are incomplete – submit missing items as noted.
☒ **APPROVED** with red line notes and/or deferred submittals and signed plan review agreement.

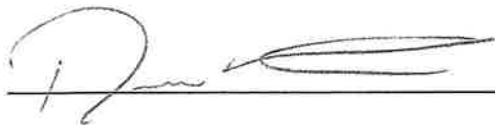


Signature of plan reviewer



Date

I, Deonir Holsten have reviewed this plan review checklist with the Building Department and agree to make corrections as necessary during construction. A copy of this checklist will be kept with the plans on site. I also understand that I am responsible to meet the requirements of all codes adopted by Utah and Carbon County.



Signature of owner or builder



Date

Vendor: 5209 VALLEY TANK SERVICE LLC

425 EAST 155 SOUTH

VENICE, UT 84701

Phone: 435-896-4021

Contact:

Activation Date:

Termination Date:

Terms Code:

Default Description:

Standard GL Accou

Vendor Type:

Rating:

1099 ID Number:

Balance:

Open Terms
Normal
47-2072278
.00

Totals Category	Report Dates	Year 2025	Year 2024
1099 Amount		5,075.00	3,500.00
Purchases		5,075.00	3,500.00
Adjustments		.00	.00
Payments		5,075.00	3,500.00
Discounts		.00	.00
Discounts Lost		.00	.00

	Date	Number	Amount
Last PO:	07/14/2023	17142	1,390.00
Last Invoice:	07/21/2025	67235	735.00
Last Check:	07/31/2025	145705	735.00

Invoice Detail

Invoice Date	Invoice Number	Seq	GL Period	Type	Input Date	Description	Amount	Payment Due Date	Discount	PO Number	PO Seq	Check Number	GL Account	1099 Type
07/02/2024	67122	1	07/24	Invoice	07/16/2024	PUMPED TWO SYSTEM TANKS	770.00	07/24/2024	-			140791	52-5212-311-00	Nonemployee
07/11/2024	67128	1	07/24	Invoice	07/17/2024	PUMPED TWO SYSTEM TANKS	770.00	07/24/2024	-			140791	52-5212-311-00	Nonemployee
10/03/2024	67151	1	10/24	Invoice	10/08/2024	PUMPED TWO SYSTEM TANKS PER STEVE CARLSON	700.00	10/11/2024	-			141749	52-5212-311-00	Nonemployee
11/22/2024	67180	1	12/24	Invoice	12/04/2024	PUMPED TWO SYSTEM TANKS	420.00	12/20/2024	-			142413	52-5212-311-00	Nonemployee
04/14/2025	67201	1	04/25	Invoice	04/21/2025	PUMPED TWO SYSTEM TANKS	840.00	04/25/2025	-			144457	52-5212-311-00	Nonemployee
07/07/2025	67223	1	07/25	Invoice	07/15/2025	PUMPED TWO SYSTEM TANKS PER STEVE CARLSON	840.00	07/25/2025	-			145548	52-5212-311-00	Nonemployee
07/21/2025	67235	1	07/25	Invoice	07/30/2025	PUMPED TWO SYSTEM TANKS	735.00	08/08/2025	-			145705	52-5212-311-00	Nonemployee

Check Detail

Check Date	Check Number	Seq	GL Period	Type	Input Date	Amount	Discount Taken	Discount Lost	Invoice Number	Inv Seq	Invoice Description	Bank	GL Account	1099
07/18/2024	140791	1	07/24	Calculated	07/18/2024	770.00	.00	.00	67122	1	PUMPED TWO SYSTEM TANKS	176	52-5212-311-	None
07/18/2024	140791	2	07/24	Calculated	07/18/2024	770.00	.00	.00	67128	1	PUMPED TWO SYSTEM TANKS	176	52-5212-311-	None
10/10/2024	141749	1	10/24	Calculated	10/10/2024	700.00	.00	.00	67151	1	PUMPED TWO SYSTEM TANKS PER STEVE CARLSON	176	52-5212-311-	None
12/06/2024	142413	1	12/24	Calculated	12/06/2024	420.00	.00	.00	67180	1	PUMPED TWO SYSTEM TANKS	176	52-5212-311-	None
04/24/2025	144457	1	04/25	Calculated	04/24/2025	840.00	.00	.00	67201	1	PUMPED TWO SYSTEM TANKS	176	52-5212-311-	None

Check Date	Check Number	Seq	GL Period	Type	Input Date	Amount	Discount Taken	Discount Lost	Invoice Number	Inv Seq	Invoice Description	Bank	GL Account	1099
07/17/2025	145548	1	07/25	Calculated	07/17/2025	840.00	.00	.00	67223	1	PUMPED TWO SYSTEM TANKS PER STEVE CARLSON	176	52-5212-311-	None
07/31/2025	145705	1	07/25	Calculated	07/31/2025	735.00	.00	.00	67235	1	PUMPED TWO SYSTEM TANKS	176	52-5212-311-	None

PO Detail

PO Date	PO Number	Seq	GL Period	Type	Input Date	Description	Amount	PO Balance	Req Number	Re Seq	Invoice Number	GL Account	Recvd
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Requisition Detail

Requisition Date	Requisition Number	Seq	Status	Status Date	Description	Amount	PO Number	GL Account
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Report Criteria:
[Report] Vendor Number = 5209

November 6, 2025
Carbon County Commission
751 East 100 North
Price, UT 84501

RE: Carbon County Scofield Reservoir Special Service District

Dear Commissioners,

I am submitting this letter as my formal request for reappointment to the Carbon County Scofield Reservoir Special Service District Board in the area of Singletons subdivision.

I was appointed to the Board several years ago. I would like to continue to serve on the Board as I believe that my knowledge is important to the makeup of the Special Service District.

If you have any questions, feel free to contact me.

Regards,

A handwritten signature in cursive script that reads "K.C. Williams".

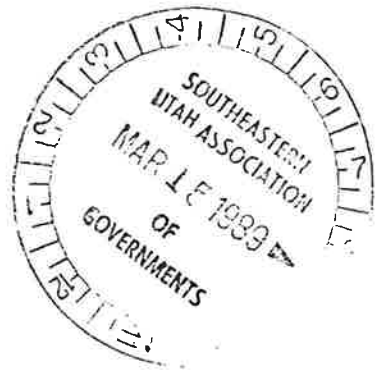
K.C. Williams
SRSSD
435-472-3714



CARBON COUNTY

PRICE, UTAH 84501

March 9, 1989




Leah Ann Lamb
Scofield Reservoir Special Improvement District
c/o Southeastern A.O.G.
P.O. Box 1106
Price, Utah 84501

Dear Leah Ann:

As per our conversation of yesterday, it is my intention not to issue permits to homeowners in the reservoir area to connect to your sewer system. As we discussed, due to the extreme confusion among homeowners in the area, no purpose would be served by double inspection of the building sewers. The usual fee for this inspection is \$8.00, however the logistics of inspecting 250 sewer connections at the drop of a hat is impossible, and the cost to Carbon County would exceed the \$2,000.00 permit fees that would be collected. In the interest of public health however I would request that your inspector notify this department if any of the building drains do not meet the Plumbing Code so that we may require the replacement of any substandard installations.


This action has been reviewed and approved by the Carbon County Commission.

Sincerely,


David W. Levanger
Building Official

Reviewed & Approved


William D. Krompel


Lynda C. Varner


Emma Kuykendall



SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT

Carbon County Courthouse, Price, Utah 84501

July 14, 1989

- TO: ALL CABIN OWNERS IN THE FORRESTER AND BOLOTAS CAMPSITES
- FROM: THE SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT BOARD OF OFFICERS:
(Judy Lamb, Chairman; Linda Varner, Vice-Chairman; Richard Ghirardelli;
Byrd Gordon, Pace Hansen, Paul Jacob; Bill Krompel, Emma Kuykendall,
Rudy Mezek, and Norm Prichard)
- RE: 1. SEWER SYSTEM IS OPERATIONAL IN THE BOLOTAS AND FORRESTER CAMPSITES ONLY
- RESIDENTIAL CONNECTIONS CAN BEGIN;
2. CONNECTION PROCEDURES DETAILED

The District's sewer systems in the Forrester and Bolotas campsites have been completed, inspected, and approved for operation. Individuals, IN THESE TWO CAMPSITES ONLY, can now begin connecting to the sewer system, according to the procedures described below.

PROCEDURE YOU MUST FOLLOW TO CONNECT TO THE SYSTEM:

FIRST, read the enclosed sewer connection policy (APPENDIX A of SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT ORDINANCE 1988-1). This policy details the technical specifications for connections (type and diameter of pipe required, minimum grade, requirements for bends and cleanouts, etc.) and the connection and inspection fees. Make sure your contractor has a copy of this policy. We recommend that you hire a licensed contractor to install your sewer connection.

SECOND, please fill out the enclosed sewer connection application. Notice that for a period of one year, the \$600 connection fee for all existing dwellings on the 11/84 aerial WILL BE WAIVED. After the one year "grace period" those existing dwellings not connected to the sewer system must pay the prevailing connection fee. However, a \$20.00 inspection fee is required for everyone connecting to the systems. All fees must be paid with a check or money order payable to the Scofield Reservoir Special Service District. No cash will be accepted.

Individuals owning dwellings, within the limits of the sewer line, which do not appear on the 11/84 aerial must pay a \$600 connection fee. If you have not pre-paid this fee you must pay it before you will be allowed to connect. All others must pay a \$1,200 connection fee.

THIRD, have your contractor coordinate with the District's Sewer Supervisor, Mike Erkkila for inspection. The District's inspector only works part-time so it is important that your contractor schedule his inspection with Mike. Mike can be reached at Scofield Town's Sewer and Water Maintenance Building in Scofield Town. There is a mail drop in the office door of the building and the phone number at the building is 448-9221. There is a recorder for messages. Your application and inspection fee must be submitted prior to inspection.

PLEASE NOTE: Your contractor must provide a detailed drawing of your sewer connection on a separate piece of paper which can be attached to your application for our records. No inspection will be finalized unless a drawing is received.

FOURTH, the Department of Health requires that you pump your existing septic tank, cesspool, holding tank, outhouse, etc. and either fill it with sand or have it removed (see attachment). Please make sure your contractor knows this important requirement.

LASTLY, the annual sewer billing for all existing dwellings will commence this month, WHETHER OR NOT YOU ARE CONNECTED TO THE SYSTEM. The annual fee is \$138.00, payable within 30 days. The Board opted for an annual fee to reduce the administrative costs of the District. Liens will be placed on the property of delinquent accounts. It is necessary for the District to begin collecting revenue because we begin repayment of our \$200,000 loan (2.5% @ 25 years) October 1, 1989.

If you have any questions please call Leah Ann Lamb at 637-5444.

REMINDER: You are responsible to plumb from your building drain to the wye-tee the District has provided you on the main sewer line (this is your lateral connection). Although the District inspects your lateral connection to the main sewer, the District accepts no responsibility for the lateral on your property. Each homeowner owns and is responsible to maintain the lateral on their property.

LAL

Enclosures:

SRSSD Ordinance 1988-1: Appendix A

Connection Application

Private Wastewater Disposal System Abandonment



SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT

Carbon County Courthouse, Price, Utah 84501

March 14, 1988

M E M O R A N D U M

TO: ALL CABIN OWNERS AND LANDOWNERS IN THE FORRESTER; BOLOTAS; SCOFIELD CAMPSITE, SINGLETON'S, AND SCOFIELD WEST CAMPSITES

FROM: THE SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT BOARD OF OFFICERS:
(Judy Lamb, Chairman; Linda Varner, Vice-Chairman; Richard Ghirardelli;
Rudy Mezek, Pace Hansen, Ray Downard, Paul Jacob; Emma Kuykendall; and
Bill Krompel)

SUBJECT: SEWER PROJECT UPDATE: ORDINANCES, FEES, AND CONNECTION PROCEDURES

Spring is nearly here which means that summer is around the corner! We had hoped to send you a memo late last summer notifying you how to connect to the sewer system. However, completion of the project was delayed. The sewer system is in the ground, yet, you will not be able to connect to the system until it is operational and you receive a formal notice from the District authorizing you to connect. There are several items which the contractor needs to finish before the sewer system project will be accepted, finalized, and brought on-line.

The purpose of this memo is to provide you an update on the sewer project, the ordinances the District Board passed last year, and the associated sewer connection, inspection, and user fees. This is an informational memo. REMEMBER: YOU CANNOT CONNECT TO THE SEWER SYSTEM UNTIL YOU RECEIVE FORMAL NOTICE TO DO SO. WHEN THE SEWER SYSTEM IS OPERATIONAL YOU WILL RECEIVE ANOTHER MEMO ENCLOSING A CONNECTION APPLICATION.

SEWER SYSTEM CONSTRUCTION: Sewer systems have been installed for Forresters, Bolotas, Scofield Campsite and Scofield West subdivisions. Design has been completed for a sewer system in the area called "Singleton's" and we hope to go to construction this season if several problems can be remedied.

As you may know, each campsite has a separate sewer system consisting of a collection and a treatment portion. The collection system is the sewer pipe in the roads which collects the sewage from each household and drains it into a large septic tank. The tank is the first part of the treatment portion. Solids settle out in the tank and the liquid wastewater is then pumped to an underground drainfield for treatment by the soil.

OPERATION AND MAINTENANCE: All of the campsite sewer systems will be operated and maintained by the Service District through an inter-governmental agreement with Scofield Town. Scofield Town has an identical system which has been operating since August. The Town constructed a maintenance building and

O&M CONTINUED:

purchased tools, a truck, and other maintenance equipment as part of their sewer project. They have also hired a supervisor and an operator. Both of these employees have been trained in sewer sytem operation and maintenance and have passed the Utah Board Certification as a Level I Collection System Operator. The District contracted with Scofield Town to operate and maintain the District's sewage systems and to perform all sewer connection inspections from May 1, 1989 through October 31, 1989. The systems will be shut down each winter since no campsite has a year round water system. The contract with the Town must be renewed annually, as it is anticipated that the work load will greatly decrease after the existing dwellings are connected to the sewer system this summer.

SEWER CONNECTIONS: SRSSD Ordinance 1988-1 provides for the mandatory connection of all dwellings within 300 feet of the public sewer, regardless if the dwelling is served by a private wastewater disposal system. Appendix A of this ordinance establishes the District's sewer connection policy and details pipe, grade, and cleanout specifications and connection fees. A copy of the sewer connection policy will be forwarded with the next memo giving formal notice that the sewer system is operational and that you can connect. A sewer connection application will accompany this notice.

FEES: CONNECTION, INPSECTION, & USER: The District has established three fees. The connection and inspection fees were established in Ordinance 1988-1 and are listed below:

<u>RESIDENTIAL</u>	<u>CONNECTION FEE*</u>	<u>INSPECTION FEE</u>
Existing permanent dwelling on 11/84 aerial.	\$600 FEE WAIVED FOR ONE YEAR	\$20.00
Existing permanent dwelling with County Permit Between 11/84 and 12/88.	\$ 600.00	\$20.00
Existing Vacant Lot within limits of sewer line.	\$1,200.00	\$20.00
Existing Vacant Lot outside sewer line**.	\$1,200.00	\$20.00

*If you must pay a connection fee it will be detailed on the connection application that is mailed directly to you when the system becomes operational.

**Lot owner must extend sewer at own cost/connection fee applies to extension cost.

The User fee was established in Ordinance 1988-2. This fee pays for the annual operation and maintenance costs for the sewer system as well as debt retirement. You will be billed only once a year, beginning this May, instead of being billed monthly. The once a year billing saves accounting and billing costs. The annual user fee is \$138 which would be \$11.50 per month if we were billing monthly. A copy of the District's projected Operating Budget is attached for your reference.

COUNTY PERMITS: Due to the confusion among homeowners, and the present inability of Carbon County to perform 250 inspections on short notice, the Carbon County Commission has reviewed and approved a proposal to NOT issue permits for the inspection of all sewer connections to the Service District's systems. The District's inspector will however notify the Carbon County Building Department of any substandard building drains and decline to allow connection to the main until such time as the homeowner has secured a plumbing permit from the county and replaced the building drain or other inadequate plumbing. In the case of new bathrooms being installed or added to dwellings, a building/plumbing permit must be issued prior to work commencing.

NEW BOARD MEMBERS: The Service District has been operating since November 1984. Board members Ray Downard, Judy Lamb, Bob Migliori, Paul Jacob, Lee Semken, and Guido Rachiele, have served four consecutive years during the evolution of this project (without pay, per diem or travel expenses). Milo Sargent served nearly two years. The hard work and dedication of all these Board members is greatly appreciated. Bob, Lee, Milo, and Guido are no longer members of the Board and their contributions will be missed. However, several new Board members have been appointed to represent the campsites and the new County Commissioners also serve on the District Board. For your reference a List of the Board Members follows:

<u>Name</u>	<u>Representing</u>
Judy Lamb, Chairperson	Singleton's
Lynda Varner, Vice-Chair	Carbon County Commission
Ray Downard	Scofield West
Richard Ghirardelli	Forresters
Pace Hansen	Scofield Campsite
Paul Jacob	Grazing
Bill Krompel	Carbon County Commission
Emma Kuykendall	Carbon County Commission
Rudy Mezek	Bolotas

MORE INFORMATION: If you have any questions, do not hesitate to call Leah Ann Lamb, District Manager, at 637-5444, or write her at SEUALG, P.O. Drawer 1106, Price, UT 84501.

SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT
1989 OPERATING BUDGET
PROJECTED EXPENSES

SRSSD MEMO
March 14, 1989
Page 4

OPERATION, MAINTENANCE, AND REPLACEMENT BUDGET

	MONTHLY COST	ANNUAL COST
ADMINISTRATION		
Accounting	\$0.00	\$0.00
Audit	\$0.00	\$0.00
Billing Computer/Labor	\$0.00	\$0.00
Billing Supplies	\$0.00	\$0.00
Billing Postage	\$10.00	\$120.00
Insurance	\$166.67	\$2,000.00
Insurance Contingency	\$58.33	\$700.00
Professional Services (ENG.)	\$328.67	\$3,944.00
Professional Services (ADMIN)	\$434.17	\$5,210.00
Travel	\$25.00	\$300.00
OPERATION AND MAINTENANCE		
Wages (Contract w/Scofield)	\$708.33	\$8,500.00
Pump Maintenance Contract	\$0.00	\$0.00
Supplies	\$50.00	\$600.00
Pumping Costs-all campsites	\$280.00	\$3,360.00
Sampling Program Charges	\$20.83	\$250.00
RESERVE FUND	\$100.00	\$1,200.00
REPAIR & REPLACEMENT FUND	\$100.00	\$1,200.00
<hr/>		
O,M & R COST	\$2,282.00	\$27,384.00

CIR LOAN DEBT OBLIGATION: DEBT BUDGET

1989 Loan Repayment - One Annual Payment Due Oct

CIR PAYMENT
\$12,116.00

TOTAL PROJECTED 1989 O.M.R. AND DEBT EXPENSES

Total O,M,R, & Debt:

1989
EXPENSES
\$39,500.00

ANTICIPATED REVENUE FROM INSPECTION FEES

Inspection Revenue (\$20/250 Connections):

1989
REVENUE
\$5,000.00

REVENUE NEEDED FROM ANNUAL USER CHARGE

Total O,M,R, & Debt Expenses
Minus Inspection Revenue:

USER CHARGE
REVENUE
\$34,500.00

1989 USER CHARGE

Unfunded O,M,R, & Debt Cost/250 Users:

ANNUAL
COST/USER
\$138.00

MONTHLY
EQUIVALENT
\$11.50



SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT

Carbon County Courthouse, Price, Utah 84501

May 6, 1987

M E M O R A N D U M

TO: ALL INDIVIDUALS OWNING LAND AND CABINS WITHIN THE BOUNDARIES
OF THE SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT

FROM: THE SCOFIELD RESERVOIR SPECIAL SERVICE DISTRICT BOARD OF OFFICERS:
Ray Downard, Chairman; Bob Migliori, Vice-Chairman; Lee Semken;
Guido Rachiele; Bill Krompel; Judy Lamb; Keith Chiarra; & Paul Jacob

RE: UPDATE ON SEWAGE PROGRAM / NOTICE OF SPECIAL PUBLIC MEETING TO BE
HELD AT 10:00 AM ON SATURDAY, MAY 30, 1987 IN THE LARGE CARBON
COUNTY COMMISSION MEETING ROOM (see page 4 of this memo for details)

The purpose of this memo is to provide you with an update on the District's program to provide sewage treatment systems for the following Scofield lakeshore campsites: Forrester's; Bolotas; Scofield Campsite, Inc.; Singleton's; Staley's; and Scofield West.

SEWAGE PLAN

The last formal notice you received concerning the sewage program was in May, 1985. This notice outlined the schedule of four public meetings held in the Scofield Town Hall as part of the development of the EPA Advanced Wastewater Treatment Facility Plan. It was necessary to prepare this plan in order for the District to receive a federal sewage treatment construction grant. The facility plan investigated several sewage treatment alternatives for the campsites and proposed a preferred alternative. This plan was submitted to the state for review in October 1985. The state required the district engineer (Eckhoff, Watson, and Preator Engineering) to provide additional information as a plan addendum. This was completed in March 1986. The plan was finally approved by the EPA in September 1986.

The sewage plan recommended the construction of independent sewage treatment systems for each campsite around the reservoir. Each system will consist of a gravity flow collection system which will drain into a central holding tank. Wastewater effluent from the tank will be pumped to a subsurface drainfield for treatment by the soil. This "community drainfield" alternative was the most cost efficient method.

SEWAGE FUNDING

The engineer estimated that construction of these systems (including contingencies) would cost \$1,101,450. In March, 1986 the District received a \$601,450 grant and a \$200,000 loan (2.5% interest payable over 25 years) from the State Community Impact Board. In December, 1986 the EPA issued a sewage construction grant totaling \$766,066, of which Scofield Town receives approximately half to construct their sewage project. The District Board is pleased with the generous grant funding received from the state and federal agencies. If the engineer's estimates are accurate then the annual O&M cost for each cabin owner should be approximately \$73.00.

SEWER USE AND USER FEE ORDINANCES

As a requirement of the EPA grant, the District must adopt sewer use and user fee ordinances. These ordinances outline the District's hook up policies and financial arrangements for O&M and debt retirement. The ordinances are being drafted, however, the District Board is considering the following:

- The District will run laterals from the main sewer line to the property boundary of each cabin. From this point the cabin owner is responsible to install and maintain a connection to his cabin.

- A permit will be required to connect to the system. The County Building Inspector must approve the permit and must be onsite to inspect the connection.

- Because the financial package is so generous the Board is considering offering connection to the system free of charge for the period of one year to each existing cabin in the campsites. This policy is being considered because the Board wants to minimize the cost to each cabin owner. Under this proposal, after the one year grace period, a hook up fee will be charged.

- Under Utah State law all cabins within 300 feet of the sewer line must hook up.

- Operation, maintenance, debt retirement and replacement costs for the District systems will be evenly divided among all connections. The District must still determine the billing frequency.

- New cabins in the existing campsites (those not included in the facility plan and funding package) will pay a hook up fee, as yet to be determined. This fee will reflect the cost per connection to construct the collection and treatment systems. New cabins that are not adjacent to the existing sewer line must extend the sewer line at their own cost and turn this line over to the District to operate and maintain.

Once these ordinances are drafted they will be published in the Sun Advocate and the District will hold public hearings to receive comment.

ENGINEERING DESIGN

Preliminary engineering plans for the systems to be constructed at Forrester's, Bolotas, Scofield Campsite, Inc., and Scofield West are available for review at the Carbon County Building Department and at the Southeastern Utah Association of Local Governments located in the County Industrial Park at four mile hill. Plans for Singleton's have been delayed due to an alleged land title problem, however, the District intends to proceed with design for this campsite. Because of its isolation, it appears that the Staley's area must be served with a holding tank. The District engineer is evaluating this proposal.

EASEMENTS AND LAND PURCHASES

Land must be purchased for each campsite drainfield. As required, the District completed two appraisals on the drainfield sites and has initiated negotiation with the landowners for the purchase of their property. Permanent easements for the sewer line must be obtained in all the campsites. The District has started to contact landowners to secure these easements. However, in the Forrester and Scofield Campsite, Inc areas additional surveying may be completed to obtain meets and bounds descriptions of the easements.

INFORMATION WE NEED FROM YOU

The district engineer needs to know where you want to connect to the sewer line. He must indicate on the final plans where the lateral from the sewer line will run to your property boundary - this is the point to which you must connect. If the engineer does not know the location of the sewer outfall line from your cabin he will locate the lateral which runs to your property on the downhill side of your property. This may or may not be the most convenient place for you to hook up - but you will be required to hook up at this location.

Also, we need to know the location of all the culinary wells and waterlines in each campsite in order that during construction damage to the lines can be minimized and any damaged lines can be replaced.

If you know where your cabin sewer outfall line is or where you intend to locate it (if you must install a bathroom), PLEASE send a drawing of your cabin indicating where your outfall is to Leah Ann Schirle, SEUALG, P.O. Drawer 1106, Price, Utah 84501. Please include the name of the campsite you are in and help us identify your cabin by including the street you are on and any other helpful information (perhaps your property tax number). Also, if you know where your waterlines are located please supply us with this information. You can provide this information in person at the public meeting to be held on Saturday, May 30, 1987 (see page 4).

SPECIAL PUBLIC MEETING PUBLIC NOTICE

(Published in the Sun Advocate April 30, May 7, 14, 21, & 28, 1987.)

The Scofield Reservoir Special Service District will conduct a special public meeting on Saturday, May 30, 1987 at 10:00 am in the large commission meeting room in the Carbon County Courthouse, Price, Utah.

The purpose of this meeting is to hear public comments on the preliminary engineering design plans for the sewage treatment systems to be constructed this summer at the lakeshore campsites. These engineering plans are available for review at the Carbon County Building Department located in the county courthouse and at the Southeastern Utah Association of Local Governments located in the county industrial park at four mile hill.

The project engineer and district board members will be present to discuss the proposed engineering design and the proposed district hookup policy. Each campsite will have its own collection and treatment system. Therefore to assure discussion of each campsite's system the district would like to conduct the meeting according to the following agenda:

- 10:00 am Chairman's Introduction
- 10:10 am Forresters Campsite
- 10:30 am Bolotas Campsite
- 11:00 am Scofield Campsite, Inc.
- 11:30 am Scofield West Campsite
- 12:00 pm Adjourn

All interested persons are invited to attend. For further information, please contact Leah Ann Schirle at 637-5444.

MONTHLY BOARD MEETINGS

The District Board is scheduled to meet on the first Thursday of each month at 8:30 am in the small Commission meeting room in the Carbon County Courthouse. The meeting schedule was published in the Sun Advocate in December 1985.

You are invited to attend these meetings as they are open to the public. The next Board meeting has been rescheduled for May 14, 1987 at 8:30 am in the small Commission meeting room, Carbon County Courthouse.

WRITTEN COMMENTS

If you are unable to attend the special public meeting, you can send any comments you have to:

Ray Downard, Chairman
Scofield Reservoir Special Service District
Carbon County Courthouse
Price, Utah 84501

LAS:ls