



ALPINE CITY COUNCIL MEETING AGENDA

NOTICE is hereby given that the CITY COUNCIL of Alpine City, Utah will hold a Public Meeting on **Tuesday, June 26, 2018 at 6:00 pm** at Alpine City Hall, 20 North Main, Alpine, Utah as follows:

6:00 pm EXECUTIVE SESSION: Discuss litigation

7:00 pm REGULAR MEETING

I. CALL MEETING TO ORDER *Council Members may participate electronically by phone.

A. Roll Call: Mayor Troy Stout

B. Prayer: Lon Lott

C. Pledge of Allegiance: By invitation

II. CONSENT CALENDAR

A. Minutes of the City Council Meeting of June 12, 2018

B. Alpine Waterline Replacement Payment #3 - Stapp Construction - \$97,776.90

C. Award Pressurized Irrigation Meter Project – Phase 1 to Craig F. Sorensen Construction, \$230,745

D. Award Pressurized Irrigation Meter Project – Phase 2 to Craig F. Sorensen Construction, \$296,115

E. Payment to Highland City for Pro-Rated Share of Canyon Crest Road Right Turn Lane Project - \$11,103

F. 100 South Road Project - Final Pay Release – Red Pine Construction

III. PUBLIC COMMENT

IV. REPORTS and PRESENTATIONS

A. Financial Report

V. ACTION/DISCUSSION ITEMS

A. PUBLIC HEARING – Budget Opening – FY 2017-2018 Budget

B. Ordinance No. 2018-03, Amending the FY 2017-18 Budget

C. Bookmobile Agreement for 2018-19. The Council will consider renewing the Bookmobile Agreement with Utah County.

D. Commit to the Limit Initiative – Julie Beck. Mrs. Beck will review her goals and plan to reduce speeding in Alpine.

E. The Ridge at Alpine Subdivision – Paul Kroff. The proposed subdivision consists of 72 lots of 198.5 acres in the CR-40,000 zone located northeast of Alpine. The Council will review the Revised Concept and Preliminary Plat.

1. Revised Concept/Preliminary

2. Trail alignment and parking

3. Soccer field/family park and parking

4. Lot 72 - PRD clustering and scenic intent

F. Fireworks/Open Fire Restrictions – Fire Chief Reed Thompson. Chief Thompson will discuss other possible restrictions due to dry, hot weather.

G. Open Space Maintenance. The City Council will discuss the issue of open space adjacent to residential areas.

H. Open Space Improvement – Parking expansion in Smooth Canyon Park and Lambert Park. The City Council will consider expanding the parking in Smooth Canyon Park and Lambert Park.

I. Fencing in Lambert Park. The Council will consider approving the installation and location of fencing in Lambert Park.

J. Pratt Retaining Wall. The Council will consider a request for an exception to build a 9-ft retaining wall at 663 W. Ranch Circle.

K. Drone Discussion. The Council will review information from David Church on regulating drones in Alpine City.

VI. STAFF REPORTS

VII. COUNCIL COMMUNICATION

VIII. EXECUTIVE SESSION: Discuss litigation, property acquisition or the professional character, conduct or competency of personnel.

ADJOURN

Mayor Troy Stout
June 22, 2018

THE PUBLIC IS INVITED TO PARTICIPATE IN ALL CITY COUNCIL MEETINGS. If you need a special accommodation to participate, please call the City Recorder's Office at (801) 756-6347 x 4.
CERTIFICATE OF POSTING. The undersigned duly appointed recorder does hereby certify that the above agenda notice was on the bulletin board located inside City Hall at 20 North Main and sent by e-mail to The Daily Herald located in Provo, UT, a local newspaper circulated in Alpine, UT. This agenda is also available on our web site at www.alpinecity.org and on the Utah Public Meeting Notices website at www.utah.gov/pmn/index.html

PUBLIC MEETING AND PUBLIC HEARING ETIQUETTE

Please remember all public meetings and public hearings are now recorded.

- All comments **must** be recognized by the Chairperson and addressed through the microphone.
- When speaking to the Planning Commission, please stand, speak slowly and clearly into the microphone, and state your name and address for the recorded record.
- Be respectful to others and refrain from disruptions during the meeting. Please refrain from conversation with others in the audience as the microphones are very sensitive and can pick up whispers in the back of the room.
- Keep comments constructive and not disruptive.
- Avoid verbal approval or dissatisfaction of the ongoing discussion (i.e., booing or applauding).
- Exhibits (photos, petitions, etc.) given to the City become the property of the City.
- Please silence all cellular phones, beepers, pagers or other noise making devices.
- Be considerate of others who wish to speak by limiting your comments to a reasonable length, and avoiding repetition of what has already been said. Individuals may be limited to two minutes and group representatives may be limited to five minutes.
- Refrain from congregating near the doors or in the lobby area outside the council room to talk as it can be very noisy and disruptive. If you must carry on conversation in this area, please be as quiet as possible. (The doors must remain open during a public meeting/hearing.)

Public Hearing vs. Public Meeting

If the meeting is a **public hearing**, the public may participate during that time and may present opinions and evidence for the issue for which the hearing is being held. In a public hearing there may be some restrictions on participation such as time limits.

Anyone can observe a **public meeting**, but there is no right to speak or be heard there - the public participates in presenting opinions and evidence at the pleasure of the body conducting the meeting.

ALPINE CITY COUNCIL MEETING
Alpine City Hall, 20 N. Main, Alpine, UT
June 12, 2018

I. CALL MEETING TO ORDER: The meeting was called to order at 7:05 pm by Mayor Troy Stout.

A. Roll Call: The following were present and constituted a quorum:

Mayor Troy Stout

Council Members: Jason Thelin, Carla Merrill, Lon Lott

Council Members not present: Ramon Beck and Kimberly Bryant were excused. Kimberly Bryant participated by phone.

Staff: Shane Sorensen, Charmayne Warnock, David Church, Austin Roy

Others: Alan Gilman, Melanie Ewing, Sylvia Christianson, Pat White, Ray Garrett, Ty Clark, Cooper Clark, Jessica Smuin, Emily Gooch,

B. Prayer: Jason Thelin

C. Pledge of Allegiance: Cooper Clark

II. CONSENT CALENDAR

A. Minutes of the City Council meeting held May 22, 2018

B. Payment to Wasatch Trail Company – Lambert Park trail project - \$17,190.00

C. Bond Release #12- Three Falls, Phase 2 - \$91,402.60

D. Final Bond Release – Three Falls, Phase Fort Canyon Road

E. Nickerson Company Estimate – US Motors 600 HP Motor - \$46,857.00

Shane Sorensen said the Fort Canyon Road wasn't actually bonded for but the Council needed to sign off on it so they had created a paper bond release. They would keep 10% of the cost for a year, but the project was complete.

Regarding the payment to Nickerson Company, Shane Sorensen said they had been working with various companies because of the issues with the Healey well. It looked like that would have to buy a new motor because the rebuilt motor was not working. They were in a dispute with the company that provided the rebuilt motor and had not paid them. All the necessary documentation was in place. He said he felt the \$46,857 was on the upper end of what they would need to spend for a new motor. It would come from the pressurized irrigation fund and they may need to amend the budget. They were planning for the worst-case scenario so he would like approval to spend up to \$50,000. Before he actually purchased anything, he would email the Council with information.

Mayor Stout said he ridden the trail in Lambert Park and it was great, but there was a lot of moon dust due to dry conditions.

Troy Stout asked if the developers of Three Falls could close off access to a public road. He'd driven up Fort Canyon on Sunday and was stopped by a security guard about two hundred feet short of the pavement. David Church said the road was still under construction farther up and was not open to the public. Construction workers were digging utility trenches farther up the road and that was probably the reason it was closed off lower down so vehicles would still have room to turn around without backing into a trench.

MOTION: Lon Lott moved to approve the Consent Calendar with the amount on the estimate for the Healey well motor (Nickerson Company Estimate) increased to \$50,000. Carla Merrill seconded. Ayes: 3 Nays: 0. Lon Lott, Carla Merrill, Jason Thelin voted aye. Motion passed.

III. PUBLIC COMMENT

Melanie Ewing, Alpine Days Chairman, said she was hoping to have a chalk festival for Alpine Days. It would be a teen or even a family event. The foam party had been axed so she was trying to plan some other event that would appeal to teens. She explained that a chalk fest actually used corn starch with food coloring, not chalk. People threw

1 the powdered colors on each other. Someone had previously done it in Lambert Park and made a big mess so she
2 proposed doing it in a parking lot so it could be hosed down. She said the theme of Alpine Days was "All You Need
3 Is Love." The colors represented how everyone came together and unified as a group.

4
5 Jason Thelin said he would prefer not to do it. It created a huge mess for a minute of fun.

6
7 Lon Lott asked if there were safety issues and wondered what the objective was.

8
9 David Church explained that the fire chief had expressed concerns about liability injuries at the foam party and
10 didn't want the fire department involved. He said that after the chalk party in Lambert Park, the staff said no more
11 chalk parties because of the mess it made. Melanie said that was why she wanted to do it in a parking lot so it could
12 be cleaned up.

13
14 Ty Clark, a boy scout, said he was concerned about people getting the chalk in their eyes.

15
16 Patrick White – Heritage Hills. He asked how they would prevent kids from bringing in chalk, which was more
17 difficult to clean up.

18
19 Sylvia Christiansen said it sounded like a fun idea but it was messy. She had been at a Taco Bell in the Spanish
20 Fork/Payson area during the Color Fest at the Krishna temple. Kids from the event came in and made a huge mess in
21 the bathrooms. There was colored cornstarch all over the sinks and walls. That said, she said Melanie did a great job
22 on Alpine Days, and she hoped it wouldn't rain on the chalk drawings.

23
24 Shane Sorensen noted that most businesses in Spanish Fork locked their restrooms during the Color Fest and made
25 their customers use porta potties.

26
27 Troy Stout said this was not an agenda item so they wouldn't vote on it, but Melanie Ewing needed some direction
28 so she could set her calendar.

29
30 Lon Lott said they could give it a try. It was like the fireworks in the park. If it was a bad idea, they wouldn't do it
31 again.

32
33 Shane Sorensen said there were some potential storm drain issues they needed to discuss before they decided. He
34 wasn't sure about hosing large amounts of cornstarch into the storm drains.

35
36 Alan Gilman – Westfield Road. He said he had observations about the new trails. He rode mules and had spent five
37 days riding the new trails. He'd ridden from Alpine Cove to his home on a trail which was about nine miles long,
38 and it was great. His concern was mixing horses with mountain bikers and told about three equestrians in Payson
39 who were surprised at the blind corner by some mountain bikers coming down the trail really fast. All three guys
40 were bucked off and their horses weren't located for two days. He said there should be signs on trails at such
41 locations warning people to slow down and watch for others on the trail.

42
43 Melanie Ewing commented that Vicki Birchall had a similar thing happen to her in Lambert Park. She'd had some 8
44 and 12-year-old riders with her and had stopped for a minute when some bikers came flying down the trail. It was a
45 common problem.

46
47 **IV. REPORT/PRESENTATIONS** none

48
49 **V. ACTION/DISCUSSION ITEMS**

50
51 **A. PUBLIC HEARING – FINAL BUDGET FOR FY 2018-19.**

52
53 Shane Sorensen introduced the Final Budget for the upcoming fiscal year. The Council had adopted the Tentative
54 Budget in May. He mentioned some highlights in the budget.

- 1
- 2 • Staff positions. The Council had requested a fulltime position for a recreation and event planner. The
- 3 budget also anticipated a part-time person in the Building Department and a part-time Code Enforcement
- 4 Officer.
- 5 • Emergency Services: Police - \$1,114,128; Fire - \$801,153, Administration - \$73,438.
- 6 • Dry Creek Corridor Trail. The Council also requested that the budget include some money for the Dry
- 7 Creek Corridor Trail, so he had added \$20,000 to the budget for miscellaneous trail improvements.
- 8 • Burgess Park basketball courts. The current budget included funds to rebuild the basketball court but it
- 9 wasn't going to be done in this budget year so it would roll over into the next year.
- 10 • Commit to the Limit. The effort to control speeding in Alpine was budgeted \$6,000 for signage.
- 11 • Elections. The election process would begin in 2019 so they budgeted \$20,000 plus \$500 for office
- 12 expense. If it wasn't used it would be there for the next year.
- 13 • Project. The list of projects was provided that evening and had been reviewed with the tentative budget.
- 14

15 They had received the certified tax rate which was set at 0.001179. No tax increase was proposed with this budget.

16 Mayor Stout opening the Hearing to public comment. There were no comments and the Hearing was closed.

17
18
19 **B. Ordinance No. 2018-02 – Adopting Final Budget for fiscal year 2018-19.** The Mayor opened the

20 meeting to Council discussion. Kimberly Bryant participated in the budget discussion by phone.

21
22 Carla Merrill said she hadn't realized the parks and recreation person was a fulltime position. She thought that all

23 three positions were going to be part-time.

24
25 The Council discussed the three new staff positions. David Church reminded the Council that in the budget, they

26 were just approving money, not positions. When they got around to hiring, they would work out the details and job

27 description. He said that part-time employees who worked more than 20 hours a week would participate in the state

28 retirement system.

29
30 Shane Sorensen said health insurance benefits took effect after 30 hours per week. They would need to modify the

31 budget to add \$5,000 for the two part-time employees' participation in state retirement. He noted that the budget

32 also included overtime pay for police officers performing the requested extra patrol in Alpine for Lambert Park and

33 traffic enforcement.

34
35 **MOTION:** Jason Thelin moved to adopt Ordinance No. 2018-02 approving the Final Budget for FY 2018-19 with

36 the modification of an additional \$5,000 for the two part-time employees for state retirement. Lon Lott seconded.

37 Ayes: 3 Nays: 1. Jason Thelin, Kimberly Bryant, Lon Lott voted aye. Carla Merrill voted nay. Motion passed.

38
39 **C. Resolution No. R2018-07 – Adopting the Certified Tax Rate.**

40
41 **MOTION:** Lon Lott moved to approve Resolution No. R2018-07 adopting the Certified Tax Rate of 0.001179.

42 Carla Merrill seconded. Ayes: 4 Nays: 0. Jason Thelin, Carla Merrill, Kimberly Bryant, Lon Lott voted aye. Motion

43 passed.

44
45 After the budget discussion, Kimberly Bryant was excused.

46
47 **D. General Plan Review – Parks, Recreation, Trails & Open Space – Goals & Policies:** Austin Roy

48 said the Planning Commission was working on updating the General Plan and had completed the element dealing

49 with parks, recreation, trails, and open space. The element had two goals and each goal had a number of policies

50 listed.

51
52 Jason Thelin said he didn't think the plan provided enough specific information. The goals were too general. There

53 was nothing in the plan that talked about banning motorized vehicles and parking. One of the policies mentioned

54 designating uses such as OHV and ATVs. Those were no longer allowed in the parks and that should be changed.

1 Austin Roy said each park would have their own master plan which would determine the types of trails, uses,
2 designations, etc. for that particular park. The General Plan encapsulated all the master plans. The objectives and
3 goals needed to be broad enough to cover all the master plans for each park.
4

5 David Church said that General Plans were important but only if the city followed them. He said the General Plan in
6 1996 showed the emergency access road through Lambert Park as a major full-blown road, along with a north/south
7 road through the park. He said the General Plan needed to be consistent with what the city actually wanted to do.
8

9 Lon Lott asked if the issues noted Shane Sorensen's memo were included in the plan. Austin Roy said they would be
10 included as they approached that section of the master plan. He said they would remove any mention of OHVs and
11 ATVs in the open space. Troy Stout said it should state something about improved and unimproved trails in open
12 space.
13

14 **E. Bookmobile Agreement:** Shane Sorensen said the Alpine had used the bookmobile for many years.
15 The proposed agreement was the same as the previous with the same number of stops for the same amount which
16 was \$13,200.00.
17

18 Carla Merrill said she was curious what the usage was. She also wanted to know if they had eBooks available.
19

20 Lon Lott said he had visited the bookmobile and was impressed with what they had to offer.
21

22 Shane Sorensen said they could bring the agreement back with a statistical report on usage.
23

24 **MOTION:** Lon Lott moved to table approval of the bookmobile agreement until they received some statistics on
25 usage. Jason Thelin seconded. Ayes: 3 Nays: 0. Lon Lott, Carla Merrill, Jason Thelin voted aye. Motion passed.
26

27 **F. Bertha's Place Subdivision – 723 N. Grove Drive – Will Jones:** Austin Roy said the proposed
28 subdivision consisted of four lots on a cul-de-sac off Grove Drive in the TR-10,000 zone. It met all the zoning
29 requirements for the zone. An existing home was located on one of the lots and would be demolished. The utilities
30 that served the existing home would be repurposed for the new home. The engineering department recommended
31 approval with the condition that the existing home be removed according to demolition requirements.
32

33 Jason Thelin noted that people drove down Grove Drive too fast and there was a blind curve in the road by the
34 subdivision. He questioned if that would pose a hazard. Austin Roy said the developer had moved the cul-de-sac
35 farther south to provide more sight distance. Shane Sorensen said they could restrict driveways coming out onto
36 Grove Drive.
37

38 **MOTION:** Jason Thelin moved to grant final approval the final Bertha's Place subdivision. Lon Lott seconded.
39 Ayes: 3 Nays: 0. Jason Thelin, Carla Merrill, Lon Lott voted aye. Motion passed.
40

41 **G. Drone Discussion:** Mayor Stout said he'd had people come and talk to him about drones invading their
42 privacy. They'd seen a drone at eye level outside a bedroom window. He said that, because of the trial, he didn't get
43 to read the information on regulating drones that Shane Sorensen had provided in the packet, but if a camera was
44 attached to a drone, that was an invasion of privacy.
45

46 David Church said this was not a new issue. The FFA regulated drones as an aircraft, and because they regulated
47 them, the legal concept of preemption came into play. Anything the FFA regulated preempted cities from regulating
48 them. Cities could control typical police issues such as privacy or nuisances. The Council needed to decide in what
49 context they wanted to regulate it. If it was a peeping tom issue, they could regulate it.
50

51 Troy Stout said he wanted to know how they could define trespassing to make it applicable. He asked David Church
52 to bring back some suggestions on what could be done.
53

54 **H. No Parking signs – Long Drive area:** Shane Sorensen said that after the last meeting the curb on west
55 side of Long Drive was painted red but it was not enforceable without signs. He said Griff Johnson couldn't be there

1 that evening, but he had sent pictures of people ignoring the red curbs and parking on the corners. He was hoping the
2 signs could be up before the homes were built.

3
4 Lynn Armitstead – Westfield Road. He said his issue was that the road was narrow. If cars parked on both sides of
5 the street, there was room for only one car to go through. On numerous occasions he had driven to the church and
6 had little kids jump out from in between the parked cars. He said his son’s friend, Nate Kofford, was killed at an
7 intersection. For years people had asked for a light at the intersection, but nothing was done until someone was
8 killed. He didn’t want that to be the case on this street.

9
10 Jason Thelin said the Planning Commission had reservations about approving increased density in this subdivision
11 and he was concerned that the streets weren’t wide enough to handle the traffic. The developer had said the roads
12 were just fine. Now the developer was saying there was a safety issue.

13
14 Lynn Armitstead said the school had a responsibility to tell people to use the parking lot. Troy Stout said the school
15 had sent a formal letter to the teams that used the facilities instructing them to use the parking lot. But there were
16 some who were not affiliated with the teams that would not have received a letter.

17
18 Shane Sorensen said Canyon Crest Road from the roundabout to school was a collector street and had 36 feet of
19 asphalt so the road had extra width. The local roads had 30 feet of asphalt.

20
21 Lon Lott said he was not opposed to some temporary signs so people got in the habit of not blocking the artery.

22
23 **MOTION:** Lon Lott moved to put up temporary no parking/construction only signs along Sycamore. Motion failed
24 for lack of a second.

25
26 Carla Merrill said temporary signs would not solve the problem if it was a permanent safety issue. There was more
27 discussion about the issue and another motion was made.

28
29 **MOTION:** Jason Thelin moved to approve up to five No Parking signs along the west side of Long Drive where
30 the curb was painted red with the content on the signs yet to be determined, but it should say something to the effect
31 that people attending Timberline events should park in the south parking lot at the school, and that citations would
32 be issued for parking violations. Carla Merrill seconded. Ayes: 3 Nays: 0. Jason Thelin, Carla Merrill, Lon Lott
33 voted aye. Motion passed.

34
35 **I. Fencing in Lambert Park:** Mayor Stout recommended this item be postponed in order to allow more
36 time for discussion.

37
38 **MOTION:** Jason Thelin moved to table the discussion on fencing in Lambert Park until the next meeting. Carla
39 Merrill seconded. Ayes: 3 Nays: Jason Thelin, Carla Merrill, Lon Lott voted aye. Motion passed.

40
41 Prior to staff reports, Mayor Stout said they were still waiting on the results of the lawsuit against Alpine City and
42 Don Watkins by Patterson. The jury was still deliberating.

43 44 **VI. STAFF REPORTS**

45
46 Austin Roy said the Planning Commission would be holding a public hearing at their next meeting regarding
47 parking in Lambert Park and Smooth Canyon Park.

48
49 David Church said they would have an ordinance presented at the next meeting dealing with small wireless
50 facilities, which could be located in existing rights-of-way. Cities were required to allow them, and applications
51 would be approved administratively. The wireless facilities would be located on existing poles; in a ROW of more
52 the 60 feet, they had the right to put up their own poles.

53
54 Shane Sorensen reported on the following.

- 1 • They were holding a pre-bid meeting for the PI meters. He had passed out an information flyer to the
2 Council if someone had questions. The bids would be opened on June 19th. He would bring the results back
3 to the next City Council meeting. The new rates would not be charged until all the meters were installed.
- 4 • The waterline projects were completed.
- 5 • The Burgess Park trail was realigned farther away from the tree roots because they were tearing up the trail.
6 The new asphalt trail was in and people said they were happy with it.
- 7 • The City had received a request for a Reasonable Accommodation for a recovery house on Westfield Road.
8 The ordinance limited residences to four non-related adults. The applicants were requesting a reasonable
9 accommodation for 16 recovering adults. The city administrator was required to issue a decision within 30
10 days of application.

11
12 **VII. COUNCIL COMMUNICATION:** There was still no word on the outcome of the lawsuit.

13
14 **VIII. EXECUTIVE SESSION:** None held.

15
16 **MOTION:** Lon Lott moved to adjourn. Carla Merrill seconded. Ayes: 3 Nays: 0. Lon Lott, Carla Merrill, Jason
17 Thelin voted aye. Motion passed.

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19 The meeting was adjourned at 10:50 pm.
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**PAYMENT ESTIMATE
NO. 3**

Name of Contractor: **Stapp Construction**
 Name of Owner: **Alpine City**
 Date of Completion: Amount of Contract: Dates of Estimate:
 Original: 5-May-18 Original: \$213,297.00 From: 1-May-18
 Revised: 5-May-18 Revised: \$260,878.80 To: 31-May-18
 Description of Job: **Alpine Water Line Replacement**

Amount	This Period	Total To Date
Amount Earned	\$102,923.05	\$255,898.40
Retainage Being Held	\$5,146.15	\$12,794.92
Retainage Being Released	\$0.00	\$0.00
Previous Payments		\$145,326.58
Amount Due	\$97,776.90	\$97,776.90

Contractor's Construction Progress is behind schedule

I hereby certify that I have coordinated with the city inspector who has inspected the work and as a result of such inspection and to the best of my knowledge and belief, the quantities shown in this estimate are correct and have not been shown on previous estimates and the work has been performed in accordance with the Contract Documents.

Recommended by Horrocks Engineers

Date: 6/11/2018



Jason Judd P.E.
Project Engineer

Accepted by: **Stapp Construction**

Date: 6/11/2018



Russell Kidd
Controller

Approved By: **Alpine City**

Date: 6.12.18



Jen Muhlestein
City Engineer

Budget Code _____ Staff Initial _____

PROJECT: **Alpine Water Line Replacement**

PAY PERIOD: 3 Jun-18

ITEM NO.	NATURE OF WORK	CONTRACT ITEMS				QUANTITY		EARNINGS	
		Qty	Units	Unit Price	Bid Amt.	This Month	To Date	This Month	To Date
1	Mobilization	1.00	LS	\$20,300.00	\$20,300.00	0.10	1.00	\$2,030.00	\$20,300.00
2	Traffic Control	1.00	LS	\$5,000.00	\$5,000.00	0.30	1.00	\$1,500.00	\$5,000.00
3	8 Inch DIP Water Line	1590.00	LF	\$36.60	\$58,194.00	547.00	1590.00	\$20,020.20	\$58,194.00
4	Remove Fire Hydrant	4.00	EA	\$720.00	\$2,880.00	3.00	4.00	\$2,160.00	\$2,880.00
5	New Fire Hydrant	5.00	EA	\$5,100.00	\$25,500.00	2.00	5.00	\$10,200.00	\$25,500.00
6	6" Concrete Fire Hydrant Pad	5.00	EA	\$416.00	\$2,080.00	5.00	5.00	\$2,080.00	\$2,080.00
7	Remove and Install Water Service Connection	15.00	EA	\$1,595.00	\$23,925.00	8.00	15.00	\$12,760.00	\$23,925.00
8	Remove, Move, and Install Water Service Connection	9.00	EA	\$1,920.00	\$17,280.00	3.00	9.00	\$5,760.00	\$17,280.00
9	Remove Water Valve Cover	3.00	EA	\$235.00	\$705.00	1.00	3.00	\$235.00	\$705.00
10	8" Gate Valve	7.00	EA	\$1,990.00	\$13,930.00	3.00	7.00	\$5,970.00	\$13,930.00
11	8" Tee	2.00	EA	\$2,775.00	\$5,550.00	1.00	2.00	\$2,775.00	\$5,550.00
12	8" 22.5° Bend	3.00	EA	\$760.00	\$2,280.00	1.00	3.00	\$760.00	\$2,280.00
13	6" x 8" 90° Bend	2.00	EA	\$965.00	\$1,930.00	1.00	2.00	\$965.00	\$1,930.00
14	Hot Tap	1.00	EA	\$1,590.00	\$1,590.00	1.00	1.00	\$1,590.00	\$1,590.00
15	Cut and Cap Water Line	5.00	EA	\$340.00	\$1,700.00	1.00	5.00	\$340.00	\$1,700.00
16	2" Stabilization Rock	18.00	CY	\$76.00	\$1,368.00	0.00	0.00		\$0.00
17	Import Backfill	50.00	CY	\$48.00	\$2,400.00	0.00	0.00		\$0.00
18	Untreated Base Course	200.00	CY	\$38.00	\$7,600.00	120.00	140.00	\$4,560.00	\$5,320.00
19	Hot Mix Asphalt (3 Inch)	7950.00	SF	\$2.30	\$18,285.00	8762.00	8762.00	\$20,152.60	\$20,152.60
20	Curb and Gutter	20.00	LF	\$40.00	\$800.00	0.00	0.00		\$0.00
Subtotal					\$213,297.00			\$93,857.80	\$208,316.60

	Stockpile Payment								
	Stockpile Deduction								
	Change Order #1 - Pioneer Water Line	1.00	LS	\$33,598.20	\$33,598.20	0.00	1.00		\$33,598.20
	Change Order #2 - Patterson Lane Asphalt	1.00	LS	\$13,983.60	\$13,983.60	0.65	1.00	\$9,065.25	\$13,983.60
						0.35	1.00	\$0.00	\$0.00
						0.00	0.00		\$0.00
									\$0.00

Total \$260,878.80

TOTAL	\$102,923.05	\$255,898.40
AMOUNT RETAINED	\$5,146.15	\$12,794.92
RETAINAGE RELEASED		
PREVIOUS RETAINAGE		\$7,648.77
PREVIOUS PAYMENTS		\$145,326.58
AMOUNT DUE	\$97,776.90	\$97,776.90

Jed Muhlestein, P.E.
20 North Main
Alpine, Utah 84004

June 20, 2018

Subject: Pressurized Irrigation Meters Installation Phase I

Dear Jed:

Attached is the bid tabulation for the Pressurized Irrigation Meters Installation Phase I. The low bidder was Craig F. Sorensen Construction with a Total Base Bid price of \$230,745.00 which was 12 percent below the engineer's estimate.

We recommend the project be awarded to Craig F. Sorensen Construction for a total of \$230,745.00. We have checked Craig F. Sorensen Construction's license, bonding, and references and have found everything in order.

Attached is a copy of the Notice of Award if the City so chooses to award this project to Craig F. Sorensen Construction.

Sincerely,
HORROCKS ENGINEERS

John E. Schiess, P.E.
Principal Engineer

cc: File

**Engineer's Estimate
Horrocks Engineers**

Project Manager: John E. Schiess, P.E.
Project Engineer: Kasey B. Chesnut, P.E.
Bid Opening: purchasing.utah.gov
Date: June 19, 2018
Time: 12:00 PM

Construction Cost Index: 11068
 For: Pressurized Irrigation Meters Installation Phase I
 Alpine City
 20 North Main Street
 Alpine, UT 84004

Base Bid Contractors
 Craig F. Sorensen Construction \$230,745.00
 S&L Incorporated \$363,250.00
 Average \$296,997.50
 Engineer's Estimate \$332,925.00
 Percent Difference 12%

Base Bid				Engineer's Estimate		Bidder 1 Craig F. Sorensen Construction		Bidder 2 S&L Incorporated		Average	
ITEM NO.	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization	1	LS	\$15,800.00	\$15,800.00	\$5,500.00	\$5,500.00	\$45,000.00	\$45,000.00	\$25,250.00	\$25,250.00
2	Category 1 installation of new 1-inch residential water meters & appurtenant items, complete	243	EA	\$500.00	\$121,500.00	\$350.00	\$85,050.00	\$450.00	\$109,350.00	\$400.00	\$97,200.00
3	Category 2 installation of new 1-inch residential water meters & appurtenant items, complete	120	EA	\$600.00	\$72,000.00	\$375.00	\$45,000.00	\$475.00	\$57,000.00	\$425.00	\$51,000.00
4	Category 3 installation of new 1-inch residential water meters & appurtenant items, complete	60	EA	\$400.00	\$24,000.00	\$260.00	\$15,600.00	\$250.00	\$15,000.00	\$255.00	\$15,300.00
5	Category 4 installation of new 1-inch residential water meters & appurtenant items, complete	40	EA	\$500.00	\$20,000.00	\$355.00	\$14,200.00	\$650.00	\$26,000.00	\$502.50	\$20,100.00
6	appurtenant items, complete, in lawn/landscaped areas of parks (commercial,	3	EA	\$1,600.00	\$4,800.00	\$970.00	\$2,910.00	\$1,200.00	\$3,600.00	\$1,085.00	\$3,255.00
7	appurtenant items, complete, in lawn/landscaped areas of parks (commercial,	4	EA	\$2,000.00	\$8,000.00	\$795.00	\$3,180.00	\$1,500.00	\$6,000.00	\$1,147.50	\$4,590.00
8	meters & appurtenant items, complete, in lawn sod (grass) areas	359	EA	\$100.00	\$35,900.00	\$110.00	\$39,490.00	\$100.00	\$35,900.00	\$105.00	\$37,695.00
9	meters & appurtenant items, complete, in landscaped areas	75	EA	\$125.00	\$9,375.00	\$155.00	\$11,625.00	\$300.00	\$22,500.00	\$227.50	\$17,062.50
10	meters & appurtenant items, complete, in concrete paved areas	25	EA	\$850.00	\$21,250.00	\$310.00	\$7,750.00	\$1,700.00	\$42,500.00	\$1,005.00	\$25,125.00
11	meters & appurtenant items, complete, in unimproved areas	4	EA	\$75.00	\$300.00	\$110.00	\$440.00	\$100.00	\$400.00	\$105.00	\$420.00
TOTAL BASE BID					\$332,925.00		\$230,745.00		\$363,250.00		\$296,997.50

* Denotes a mathematical error

I hereby certify that this is a true and correct Bid Tabulation for the Pressurized Irrigation Meters Installation Phase I

Kasey B. Chesnut, P.E.



Jed Muhlestein, P.E.
20 North Main
Alpine, Utah 84004

June 20, 2018

Subject: Pressurized Irrigation Meters Installation Phase II

Dear Jed:

Attached is the bid tabulation for the Pressurized Irrigation Meters Installation Phase I. The low bidder was Craig F. Sorensen Construction with a Total Base Bid price of \$296,115.00 which was 11 percent below the engineer's estimate.

We recommend the project be awarded to Craig F. Sorensen Construction for a total of \$296,115.00. We have checked Craig F. Sorensen Construction's license, bonding, and references and have found everything in order.

Attached is a copy of the Notice of Award if the City so chooses to award this project to Craig F. Sorensen Construction.

Sincerely,
HORROCKS ENGINEERS

John E. Schiess, P.E.
Principal Engineer

cc: File

**Engineer's Estimate
Horrocks Engineers**

Project Manager: John E. Schiess, P.E.
Project Engineer: Kasey B. Chesnut, P.E.
Bid Opening: purchasing.utah.gov
Date: June 19, 2018
Time: 12:00 PM

Construction Cost Index: 11068
 For: Pressurized Irrigation Meters Installation Phase II
 Alpine City
 20 North Main Street
 Alpine, UT 84004

Base Bid Contractors
 Craig F. Sorensen Construction \$296,115.00
 S&L Incorporated \$481,700.00
 Average \$388,907.50
 Engineer's Estimate \$432,100.00
 Percent Difference 11%

ITEM NO.	DESCRIPTION	QUANTITY	UNITS	Engineer's Estimate		Bidder 1 Craig F. Sorensen Construction		Bidder 2 S&L Incorporated		Average	
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization	1	LS	\$20,500.00	\$20,500.00	\$6,700.00	\$6,700.00	\$60,000.00	\$60,000.00	\$33,350.00	\$33,350.00
2	Category 1 installation of new 1-inch residential water meters & appurtenant items, complete	300	EA	\$500.00	\$150,000.00	\$350.00	\$105,000.00	\$500.00	\$150,000.00	\$425.00	\$127,500.00
3	Category 2 installation of new 1-inch residential water meters & appurtenant items, complete	150	EA	\$600.00	\$90,000.00	\$375.00	\$56,250.00	\$475.00	\$71,250.00	\$425.00	\$63,750.00
4	Category 3 installation of new 1-inch residential water meters & appurtenant items, complete	79	EA	\$400.00	\$31,600.00	\$260.00	\$20,540.00	\$250.00	\$19,750.00	\$255.00	\$20,145.00
5	Category 4 installation of new 1-inch residential water meters & appurtenant items, complete	50	EA	\$500.00	\$25,000.00	\$355.00	\$17,750.00	\$650.00	\$32,500.00	\$502.50	\$25,125.00
6	appurtenant items, complete, in lawn/landscaped areas of parks (commercial, church, school)	1	EA	\$1,600.00	\$1,600.00	\$970.00	\$970.00	\$1,200.00	\$1,200.00	\$1,085.00	\$1,085.00
7	appurtenant items, complete, in lawn/landscaped areas of parks (commercial, church, school)	16	EA	\$2,000.00	\$32,000.00	\$795.00	\$12,720.00	\$1,400.00	\$22,400.00	\$1,097.50	\$17,560.00
8	meters & appurtenant items, complete, in lawn sod (grass) areas	443	EA	\$100.00	\$44,300.00	\$110.00	\$48,730.00	\$100.00	\$44,300.00	\$105.00	\$46,515.00
9	meters & appurtenant items, complete, in landscaped areas	125	EA	\$125.00	\$15,625.00	\$155.00	\$19,375.00	\$300.00	\$37,500.00	\$227.50	\$28,437.50
10	meters & appurtenant items, complete, in concrete paved areas	25	EA	\$850.00	\$21,250.00	\$310.00	\$7,750.00	\$1,700.00	\$42,500.00	\$1,005.00	\$25,125.00
11	meters & appurtenant items, complete, in unimproved areas	3	EA	\$75.00	\$225.00	\$110.00	\$330.00	\$100.00	\$300.00	\$105.00	\$315.00
TOTAL BASE BID					\$432,100.00		\$296,115.00		\$481,700.00		\$388,907.50

* Denotes a mathematical error

I hereby certify that this is a true and correct Bid Tabulation for the Pressurized Irrigation Meters Installation Phase II

Kasey B. Chesnut, P.E.



RESOLUTION NO. R2017-10

**A RESOLUTION AUTHORIZING AN INTERLOCAL AGREEMENT BETWEEN
ALPINE CITY AND HIGHLAND CITY FOR CONSTRUCTION OF
A RIGHT-HAND TURNING LANE ON 4800 WEST.**

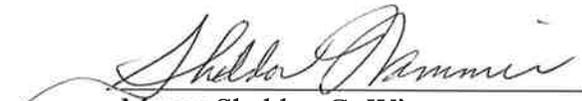
WHEREAS, Highland City and Alpine City desire to commence with the construction of a road widening project on 4800 West in Highland, Utah; and

WHEREAS, the road widening project will facilitate a right-hand turn lane at the intersection of 4800 West and SR-92 for southbound traffic; and

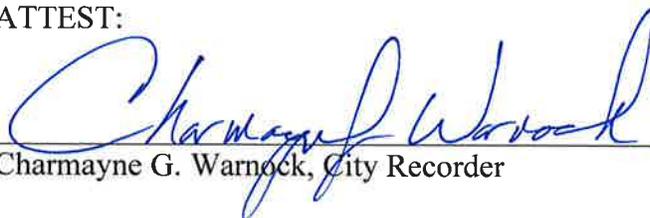
WHEREAS, residents of Alpine City will benefit from the proposed road widening project and right-hand turn lane on 4800 West in Highland, Utah;

THEREFORE, BE IT RESOLVED, by the City Council of Alpine, Utah that they will enter into an Interlocal Agreement with Highland City for the road-widening project on 4800 West in Highland, Utah.

APPROVED and signed this 9th day of May, 2017.


Mayor Sheldon G. Wimmer

ATTEST:


Charmayne G. Warnock, City Recorder



INTERLOCAL COOPERATION AGREEMENT
between
HIGHLAND CITY AND ALPINE CITY

This Interlocal Agreement is made and entered into this 16 day of May, 2017, by **Highland City**, a political subdivision of the State of Utah (hereinafter referred to as the ("Highland")), and **Alpine City**, a municipal corporation and political subdivision of the State of Utah (hereinafter referred to as the ("Alpine")).

RECITALS

WHEREAS, the Utah Interlocal Co-operation Act, Title 11, Chapter 13, Utah Code Annotated (1953), as amended, permits local governmental units including cities, counties and political subdivisions of the State of Utah to make the most efficient use of their powers by enabling them to cooperate with other public entities on the basis of mutual advantage and to exercise joint cooperative action for the benefit of their respective citizens; and

WHEREAS, Highland and Alpine desire to facilitate the construction of a road widening project known as 4800 West in Highland, Utah; and

WHEREAS, the road widening project will facilitate a right-hand turn lane at the intersection of 4800 West and SR-92 for south bound traffic; and

WHEREAS, Highland has already commenced preliminary design work and right-of-way acquisition and has expended funds for the project; and

WHEREAS, the Mountainland Metropolitan Planning Organization (MPO) Regional Planning Committee determined that this project should receive funds not to exceed \$328,000 for direct costs; and

WHEREAS, both Cities held duly noticed public meetings wherein this Agreement was considered and an Authorizing Resolution was presented for approval by the respective legislative bodies.

NOW THEREFORE, in consideration of the covenants and agreements contained herein, and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Highland and Alpine Cities agree as follows:

1. **PURPOSES.** This Agreement has been established and entered into between Highland and Alpine for the purpose of outlining the respective rights and responsibilities of both Cities in the construction of the 4800 West project.

2. **EFFECTIVE DATE; DURATION.** This Agreement shall become effective and shall enter into force within the meaning of the Interlocal Cooperation Act, upon the submission of the Agreement to, and the approval and execution hereof by the governing bodies of the Highland and Alpine. The term of this Agreement shall be from the date of execution hereof until

the terms and obligations identified herein are completed, but in no event longer than 3 years from the execution date.

At the time that construction bids are obtained by Highland and opened, then either Highland or Alpine may terminate this Agreement if either party determines that there are not enough resources available for the construction of the project by providing written notice to the other party within 15 days of the opening of the bids. The work completed at the time of an early termination will be deducted from the \$328,000 set aside for the project.

3. **NO SEPERATE LEGAL ENTITY.** Highland and Alpine do not contemplate nor intend to establish a separate legal or administrative entity under the terms of this Agreement.

4. **TERMS.**

1. **Project Costs:** The Mountainland MPO has provided \$305,794 of county funds for this project. The additional \$22,206 to reach the total project funds is a required local match. Highland and Alpine will split this cost and provide \$11,103 each for the project. With the already completed work by Highland's consultant, it is estimated that it will take \$21,376 to survey, finalize the design, and bid the project.
2. **Right-of-way Acquisition:** Highland has already been in contact with 2 of the 3 property owners and started discussing the need for property acquisition for the project. Both parties agree that property acquisition will be completed by Highland staff.
3. **Utilities:** Any changes needed for utilities due to the road widening project will be paid for through project funds.
4. **Ownership and Maintenance of 4800 West:** Highland City shall own and be responsible for maintenance and repair of 4800 West.
5. **Recitals:** The recitals portion of this Agreement constitutes a part of this Agreement.

5. **FILING OF INTERLOCAL COOPERATION AGREEMENT.** Executed copies of this Agreement shall be placed on file with the official keeper of records of Highland and Alpine, and shall remain on file for public inspection during the term of this Agreement.

6. **AMENDMENTS.** This Agreement may not be amended, changed, modified or altered except by an instrument in writing which shall be: (a) approved by Resolution of the governing body of each of the parties, (b) executed by a duly authorized official of each of the parties, and (c) filed in the official records of each party.

7. **SEVERABILITY.** If any term or provision of this Agreement or the application thereof shall to any extent be invalid or unenforceable, the remainder of this Agreement, or the application of such term or provision to circumstances other than those with respect to which it is invalid or unenforceable, shall not be affected thereby, and shall be enforced to the extent permitted

by law. To the extent permitted by applicable law, the parties hereby waive any provision of law, which would render any of the terms of this Agreement unenforceable.

8. **GOVERNING LAW.** All questions with respect to the construction of this Agreement, and the rights and liability of the parties hereto, shall be governed by the laws of the State of Utah.

9. **INDEMNIFICATION.** Highland and Alpine are both agencies or subdivisions of the State of Utah. Each of the parties agrees to indemnify and save harmless the other for damages, claims, suits, and actions arising out of its negligent error or omission in connection with this Agreement. Both Highland and Alpine agree that the terms of this Agreement are subject to, and not a waiver of the protections, immunities and liability limits of the Governmental Immunity Act, U.C.A 63G-1-101, et. Seq.

IN WITNESS WHEREOF, the parties have signed and executed this Interlocal Cooperative Agreement, after resolutions duly and lawfully passed, on the dates listed below:
DATED this 17 day of May, 2017.

City of Highland

By: Mark A. Thompson
Mayor

ATTEST:

Jgd Ann Bates
Jgd Ann Bates, City Recorder

Reviewed as to proper form and compliance with applicable law:

Tim Merrill
Tim Merrill, City Attorney



INTERLOCAL COOPERATION AGREEMENT
between
HIGHLAND CITY AND ALPINE CITY

This Interlocal Agreement is made and entered into this 9th day of May, 2017, by **Highland City**, a political subdivision of the State of Utah (hereinafter referred to as the ("Highland")), and **Alpine City**, a municipal corporation and political subdivision of the State of Utah (hereinafter referred to as the ("Alpine")).

RECITALS

WHEREAS, the Utah Interlocal Co-operation Act, Title 11, Chapter 13, Utah Code Annotated (1953), as amended, permits local governmental units including cities, counties and political subdivisions of the State of Utah to make the most efficient use of their powers by enabling them to cooperate with other public entities on the basis of mutual advantage and to exercise joint cooperative action for the benefit of their respective citizens; and

WHEREAS, Highland and Alpine desire to facilitate the construction of a road widening project known as 4800 West in Highland, Utah; and

WHEREAS, the road widening project will facilitate a right-hand turn lane at the intersection of 4800 West and SR-92 for south bound traffic; and

WHEREAS, Highland has already commenced preliminary design work and right-of-way acquisition and has expended funds for the project; and

WHEREAS, the Mountainland Metropolitan Planning Organization (MPO) Regional Planning Committee determined that this project should receive funds not to exceed \$328,000 for direct costs; and

WHEREAS, both Cities held duly noticed public meetings wherein this Agreement was considered and an Authorizing Resolution was presented for approval by the respective legislative bodies.

NOW THEREFORE, in consideration of the covenants and agreements contained herein, and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Highland and Alpine Cities agree as follows:

1. **PURPOSES.** This Agreement has been established and entered into between Highland and Alpine for the purpose of outlining the respective rights and responsibilities of both Cities in the construction of the 4800 West project.

2. **EFFECTIVE DATE; DURATION.** This Agreement shall become effective and shall enter into force within the meaning of the Interlocal Cooperation Act, upon the submission of the Agreement to, and the approval and execution hereof by the governing bodies of the Highland and Alpine. The term of this Agreement shall be from the date of execution hereof until

SIGNED and ENTERED INTO this 9th day of May, 2017.

Alpine City

By: *Sheldon Summer*
Mayor

ATTEST:

Charmayne G. Warasch
Charmayne G. Warasch City Recorder

Reviewed as to proper form and
Compliance with applicable law:

David Church
David Church, City Attorney



Budget Report for May 2018

Alpine City - General Fund FY 2017/2018 Budget

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Taxes				
Property taxes	\$ 1,120,000	\$ 1,275,263	114%	\$ 1,300,000
Redemption taxes	84,000	136,155	162%	140,000
Sales tax	1,050,000	1,035,248	99%	1,215,000
Motor vehicle taxes	106,000	79,730	75%	80,000
Franchise fees	630,000	417,316	66%	575,000
Penalties & interest on delinquent	1,500	5,235	349%	6,000
Total Taxes	\$ 2,991,500	\$ 2,948,947	99%	\$ 3,316,000
License and Permits				
Business licensed & fees	\$ 18,000	\$ 21,620	120%	\$ 22,000
Plan check fees	105,000	165,095	157%	175,000
Building permits	170,000	283,253	167%	300,000
Building permit assessment	1,700	2,849	168%	3,000
Total License and Permits	\$ 294,700	\$ 472,817	160%	\$ 500,000
Intergovernmental Revenue				
Municipal recreation grant	\$ 5,400	\$ 5,404	100%	\$ 5,404
Total Intergovernmental	\$ 5,400	\$ 5,404	100%	\$ 5,404
Charges For Service				
Zoning & subdivision fees	\$ 10,000	\$ 16,165	162%	\$ 17,500
Annexation applications	500	500	100%	500
Sale of maps and publications	50	138	276%	200
Public safety district rental	38,516	19,258	50%	38,516
Waste collections sales	495,000	481,103	97%	495,000
Youth council	1,300	3,156	243%	3,500
Sale of cemetery lots	6,000	9,123	152%	10,000
Burial fees	20,000	48,025	240%	50,000
Total Charges for Service	\$ 571,366	\$ 577,468	101%	\$ 615,216
Fines and Forfeitures				
Fines	\$ 42,000	\$ 39,447	94%	\$ 43,000
Other fines	2,000	13,521	676%	15,000
Traffic school	500	5,490	1098%	5,500
Total Fines and Forfeitures	\$ 44,500	\$ 58,458	131%	\$ 63,500
Rents & Other Revenues				
Recycling	\$ -	\$ 98	100%	\$ 100
Rents & concessions	34,000	58,170	171%	63,000
Sale of City land	-	-	0%	-
Total Rents & Other Revenues	\$ 34,000	\$ 58,268	171%	\$ 63,100

**Alpine City - General Fund-Continued
FY 2017/2018 Budget**

Revenues-continued	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Interest & Misc Revenues				
Interest earnings	\$ 20,000	\$ 247,080	1235%	\$ 45,000
Alpine Days revenue	40,000	84,674	212%	90,000
Rodeo revenue	20,000	11,594	58%	12,000
Bicentennial books	500	540	108%	600
Sundry revenues	-	193,003	100%	194,000
Total Miscellaneous Revenues	\$ 80,500	\$ 536,891	667%	\$ 341,600
Transfers & Contributions				
Fund balance appropriation	\$ 859,295	\$ -	0%	\$ 359,295
Contribution for paramedic	29,500	26,038	88%	29,500
Total Contributions & Transfers	\$ 888,795	\$ 26,038	3%	\$ 388,795
Total General Fund Revenues	\$ 4,910,761	\$ 4,684,291	95%	\$ 5,293,615

**Alpine City - General Fund-Continued
FY 2017/2018 Budget**

Expenditures	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Administration	\$ 383,350	\$ 327,151	85%	\$ 380,000
Court	85,200	104,282	122%	115,000
Treasurer	34,550	15,274	44%	20,000
Elections	20,500	17,176	84%	17,176
Government Buildings	93,400	54,160	58%	65,000
Emergency Services	1,839,984	1,839,984	100%	1,839,984
Building Inspection	145,700	124,907	86%	142,000
Planning & Zoning	210,700	160,091	76%	200,000
Streets	534,927	254,197	48%	500,000
Parks & Recreation	408,950	351,299	86%	408,950
Cemetery	154,900	119,187	77%	150,000
Garbage	482,600	385,971	80%	482,600
Miscellaneous	516,000	16,447	3%	20,000
Total General Fund Expenditures	\$ 4,910,761	\$ 3,770,126	77%	\$ 4,340,710
Surplus/(Deficit)	\$ -	\$ 914,165		\$ 952,905
Fund Balance Beginning of Year				\$ 947,253
Projected Surplus/(Deficit)				\$ 952,905
Appropriate fund balance\Reserves				\$ (359,295)
Ending Fund Balance				\$ 1,540,863
Fund Balance Percentage				
General Fund Balance per state law needs to between 5% and 25% (Current projected fund balance)				31.38%

CLASS C ROADS
FY 2017/2018 Budget

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Interest earnings	\$ -	\$ -	0%	\$ -
Class "B&C" Road allotment	385,000	369,838	96%	385,000
Appropriation of fund balance	195,000	-	0%	195,000
Total Revenues	\$ 580,000	\$ 369,838	64%	\$ 580,000

Expenditures	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Miscellaneous	\$ -	-	0%	\$ -
Class "B&C" road projects	580,000	377,767	65%	580,000
Reserves	-	-	0%	-
Total Capital Expenditures	\$ 580,000	\$ 377,767	65%	\$ 580,000
Surplus/(Deficit)	\$ -	\$ (7,929)		\$ -

Fund Balance Beginning of Year	\$ 865,283
Projected Surplus/(Deficit)	\$ -
Appropriate fund balance\Reserves	\$ (195,000)
Ending Fund Balance	\$ 670,283

**Recreation Impact Fee Funds
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Recreation facility fees	\$ 20,500	\$ 112,896	551%	\$ 125,000
Interest earnings	4,500	-	0%	4,500
Appropriation of fund balance	25,000	-	0%	25,000
Total Revenues	\$ 50,000	\$ 112,896	226%	\$ 154,500

Expenditures	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Park system	\$ 50,000	-	0%	\$ 80,000
Miscellaneous	-	-	0%	50,000
Total Capital Expenditures	\$ 50,000	\$ -	0%	\$ 130,000
Surplus/(Deficit)	\$ -	\$ 112,896		\$ 24,500

Fund Balance Beginning of Year \$ 8,014

Projected Surplus/(Deficit) \$ 24,500

Appropriate fund balance\Reserves \$ (25,000)

Ending Fund Balance \$ 7,514

**Impact Fee Funds Streets
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Streets & transportation fees	\$ 22,000	\$ 87,795	399%	\$ 100,000
Interest earnings	-	-	0%	-
Appropriation of fund balance	182,000	-	0%	182,000
Total Revenues	\$ 204,000	\$ 87,795	43%	\$ 282,000

Expenditures	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Streets & transport	\$ 204,000	99,992	49%	\$ 204,000
Reserves	-	-	0%	-
Total Capital Expenditures	\$ 204,000	\$ 99,992	49%	\$ 204,000
Surplus/(Deficit)	\$ -	\$ (12,197)		\$ 78,000

Fund Balance Beginning of Year \$ 270,342

Projected Surplus/(Deficit) \$ 78,000

Appropriate fund balance\Reserves \$ (182,000)

Ending Fund Balance \$ 166,342

**Alpine City - Capital Projects Fund
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Interest revenue	\$ 7,000	\$ -	0%	\$ 7,000
Transfer from General Fund	500,000	-	0%	500,000
Contributions from builders	-	17,340	100%	17,340
Fund Balance appropriation	444,900	-	0%	444,900
Total Revenues	\$ 951,900	\$ 17,340	2%	\$ 969,240

Expenditures	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Capital outlay other	\$ 506,500	68,376	13%	\$ 506,500
Capital outlay buildings	425,000	365	0%	425,000
Capital outlay equipment	20,400	5,149	25%	20,400
Total Capital Expenditures	\$ 951,900	\$ 73,890	8%	\$ 951,900
Surplus/(Deficit)	\$ -	\$ (56,550)		\$ 17,340

Fund Balance Beginning of Year

\$ 2,381,602

Projected Surplus/(Deficit)

\$ 17,340

Appropriate fund balance\Reserves

\$ (444,900)

Ending Fund Balance

\$ 1,954,042

**Alpine City - Water Utility
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Operating Revenues				
Metered water sales	\$ 560,000	\$ 605,343	108%	\$ 675,000
Other water revenue	5,000	54,482	1090%	60,000
Water connection fee	5,000	6,250	125%	75,000
Penalties	5,500	4,760	87%	5,500
Total Miscellaneous Revenues	\$ 575,500	\$ 670,835	117%	\$ 815,500
Miscellaneous				
Interest earned	\$ 19,000	\$ -	0%	\$ 28,000
Appropriated fund balance	836,450	-	0%	836,450
Total Utility Revenue	\$ 855,450	\$ -	0%	\$ 864,450
Total Utility Fund Revenues	\$ 1,430,950	\$ 670,835	47%	\$ 1,679,950

Expenses	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Water operating	\$ 387,300	\$ 392,995	101%	410,000
Depreciation	255,000	-	0%	255,000
Capital outlay- Buildings	50,000	-	0%	50,000
Capital outlay- Improvements	730,000	313,443	43%	730,000
Capital outlay- Equipment	8,650	8,274	96%	8,650
Total Utility Fund Expenses	\$ 1,430,950	\$ 714,712	50%	\$ 1,453,650
Surplus/(Deficit)	\$ -	\$ (43,877)		\$ 226,300

Cash Balance Beginning of Year	\$ 2,660,284
Surplus/(Deficit)	\$ 226,300
Appropriate fund balance/Reserves	\$ (836,450)
Ending Cash Balance	\$ 2,050,134

**Impact Fee Funds Water Impact Fees
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Water Impact Fees	\$ 27,000	\$ 75,401	279%	\$ 80,000
Interest earnings		-	0%	2,500
Appropriation of fund balance	41,000	-	0%	41,000
Total Revenues	\$ 68,000	\$ 75,401	111%	\$ 123,500

Expenditures	Budget FY 2018	Actual To Date FY 2018	Target Percent Target	Year End Projected Amount
Impact fee projects	\$ 68,000	8,255	12%	\$ 68,000
To reserves	-	-	0%	-
Total Capital Expenditures	\$ 68,000	\$ 8,255	12%	\$ 68,000
Surplus/(Deficit)	\$ -	\$ 67,146		\$ 55,500

Fund Balance Beginning of Year \$ 220,206

Projected Surplus/(Deficit) \$ 55,500

Appropriate fund balance\Reserves \$ -

Ending Fund Balance \$ 275,706

**Alpine City - Sewer Utility
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Operating Revenues				
Sewer system sales	\$ 1,000,000	\$ 837,074	84%	\$ 1,000,000
Other revenue	10,000	3,853	39%	10,000
Sewer connection fee	3,000	5,373	179%	5,500
Total Miscellaneous Revenues	\$ 1,013,000	\$ 846,300	84%	\$ 1,015,500
Miscellaneous				
Interest earned	\$ 10,000	\$ -	0%	\$ 10,000
Appropriated fund balance	55,350	-	0%	55,350
Total Utility Revenue	\$ 65,350	\$ -	0%	\$ 65,350
Total Utility Fund Revenues	\$ 1,078,350	\$ 846,300	78%	\$ 1,080,850

Expenses	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Sewer operating	\$ 874,700	\$ 725,584	83%	874,700
Depreciation	130,000	-	0%	130,000
Capital outlay- Improvements	65,000	48,001	74%	65,000
Capital outlay- Equipment	8,650	8,274	96%	8,650
Total Utility Fund Expenses	\$ 1,078,350	\$ 781,859	73%	\$ 1,078,350
Surplus/(Deficit)	\$ -	\$ 64,441		\$ 2,500
Cash Balance Beginning of Year				\$ 1,875,507
Surplus/(Deficit)				\$ 2,500.00
Appropriate fund balance/Reserves				\$ (55,350)
Ending Cash Balance				\$ 1,822,657

**Alpine City - Sewer Impact fee funds
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Sewer Impact Fees	\$ 12,000	\$ 20,740	173%	\$ 22,500
Interest earnings	-	-	0%	-
Appropriation of fund balance	-	-	0%	-
Total Revenues	\$ 12,000	\$ 20,740	173%	\$ 22,500

Expenditures	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Sewer Impact fee projects	\$ 4,000	-	0%	\$ 4,000
To reserves	8,000	-	0%	8,000
Total Capital Expenditures	\$ 12,000	\$ -	0%	\$ 12,000
Surplus/(Deficit)	\$ -	\$ 20,740		\$ 10,500

Fund Balance Beginning of Year **\$ 35,104**

Projected Surplus/(Deficit) **\$ 10,500**

Appropriate fund balance\Reserves **\$ 8,000**

Ending Fund Balance **\$ 53,604**

**Alpine City - PI Fund
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Operating Revenues				
Irrigation water sales	\$ 870,000	\$ 759,535	87%	\$ 870,000
Other revenue	1,000	550	55%	1,000
PI connection fee	1,500	2,575	172%	3,000
PI impact fee	-	-	0%	-
Total Miscellaneous Revenues	\$ 872,500	\$ 762,660	87%	\$ 874,000
Miscellaneous				
Interest earned	\$ 12,000	\$ 705	6%	\$ 12,000
Appropriated fund balance	915,227	-	0%	915,227
Total Utility Revenue	\$ 927,227	\$ 705	0%	\$ 927,227
Total Utility Fund Revenues	\$ 1,799,727	\$ 763,365	42%	\$ 1,801,227

Expenses	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
PI operating	\$ 513,700	\$ 417,079	81%	513,700
Depreciation	223,704	-	0%	223,704
Capital outlay	585,000	87,596	15%	585,000
Capital outlay- Equipment	8,650	33,766	390%	35,000
Irrigation meter replacement	-	2,038	100%	8,650
Bond costs	4,500	4,500	100%	4,500
Debt Service	464,173	464,173	100%	464,173
Total Utility Fund Expenses	\$ 1,799,727	\$ 1,009,152	56%	\$ 1,834,727
Surplus/(Deficit)	\$ -	\$ (245,787)		\$ (33,500)
Cash Balance Beginning of Year				\$ 2,558,275
Surplus/(Deficit)				\$ (33,500)
Appropriate fund balance\Reserves				\$ (915,227)
Ending Cash Balance				\$ 1,609,548

**Alpine City - Pressure Irrigation Impact fee funds
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
PI Impact Fees	\$ 25,000	\$ 84,026	336%	\$ 90,000
Interest earnings	-	-	0%	-
Interest earnings	-	-	0%	-
Appropriation of fund balance	-	-	0%	-
Total Revenues	\$ 25,000	\$ 84,026	336%	\$ 90,000

Expenditures	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
PI Impact fee projects	\$ -	-	0%	\$ -
To reserves	25,000	-	0%	25,000
Total Capital Expenditures	\$ 25,000	\$ -	0%	\$ 25,000
Surplus/(Deficit)	\$ -	\$ 84,026		\$ 65,000

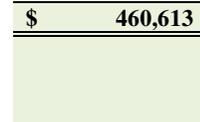
Fund Balance Beginning of Year	\$ -
Projected Surplus/(Deficit)	\$ 65,000
Appropriate fund balance\Reserves	\$ 25,000
Ending Fund Balance	\$ 90,000

**Alpine City - Storm Drain Fund
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Operating Revenues				
Storm drain revenue	\$ 162,000	\$ 142,850	88%	\$ 162,000
Other revenue	1,000	-	0%	1,000
SWPP fee	6,000	12,000	200%	14,000
Storm drain impact fee	-	-	0%	-
Total Miscellaneous Revenues	\$ 169,000	\$ 154,850	92%	\$ 177,000
Miscellaneous				
Interest earned	\$ 3,000	\$ -	0%	\$ 3,000
Appropriated fund balance	108,600	-	0%	108,600
Total Utility Revenue	\$ 111,600	\$ -	0%	\$ 111,600
Total Utility Fund Revenues	\$ 280,600	\$ 154,850	55%	\$ 288,600

Expenses	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
SD operating	\$ 97,100	\$ 86,836	89%	97,100
Depreciation	83,500	-	0%	83,500
Capital outlay	100,000	87,625	88%	100,000
Total Utility Fund Expenses	\$ 280,600	\$ 174,461	62%	\$ 280,600
Surplus/(Deficit)	\$ -	\$ (19,611)		\$ 8,000

Cash Balance Beginning of Year	\$ 561,213
Surplus/(Deficit)	\$ 8,000
Appropriate fund balance/Reserves	\$ (108,600)
Ending Cash Balance	\$ 460,613



**Alpine City - Storm Drain Impact fee funds
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	Target Percent Target	Year End Projected Amount
SD Impact Fees	\$ 8,000	\$ 42,646	533%	\$ 50,000
Interest earnings	-	-	0%	2,500
Appropriation of fund balance	132,000	-	0%	132,000
Total Revenues	\$ 140,000	\$ 42,646	30%	\$ 184,500

Expenditures	Budget FY 2018	Actual To Date FY 2018	Target Percent Target	Year End Projected Amount
SD Impact fee projects	\$ 140,000	24,139	17%	\$ 140,000
To reserves	-	-	0%	-
Total Capital Expenditures	\$ 140,000	\$ 24,139	17%	\$ 140,000
Surplus/(Deficit)	\$ -	\$ 18,507		\$ 44,500

Fund Balance Beginning of Year \$ 205,386

Projected Surplus/(Deficit) \$ 44,500

Appropriate fund balance\Reserves \$ (132,000)

Ending Fund Balance \$ 117,886

**Alpine City - Trust & Agency Fund
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Interest revenue	\$ 1,000	\$ -	0%	\$ 800
Total Revenues	\$ 1,000	\$ -	0%	\$ 800

Expenditures	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Interest expense	\$ 1,000	-	0%	\$ 800
Total Expenditures	\$ 1,000	\$ -	0%	\$ 800
Surplus/(Deficit)	\$ -	\$ -		\$ -

Fund Balance Beginning of Year	\$ 39,828
Projected Surplus/(Deficit)	\$ -
Appropriate fund balance\Reserves	\$ -
Ending Fund Balance	\$ 39,828

**Alpine City - Cemetery Perpetual Fund
FY 2017/2018 Budget**

Revenues	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Cemetery lot payments	\$ 13,000	\$ 18,503	142%	\$ 19,000
Upright Monument	2,500	1,500	60%	2,500
Interest revenues	2,500	-	0%	2,500
Total Revenues	\$ 18,000	\$ 20,003	111%	\$ 24,000

Expenditures	Budget FY 2018	Actual To Date FY 2018	91.7% Percent Target	Year End Projected Amount
Cemetery expenses	\$ 18,000	28,610	159%	\$ 30,000
Total Expenses	\$ 18,000	\$ 28,610	159%	\$ 30,000
Surplus/(Deficit)	\$ -	\$ (8,607)		\$ (6,000)

Fund Balance Beginning of Year	\$ 614,917
Projected Surplus/(Deficit)	\$ (6,000)
Appropriate fund balance\Reserves	\$ -
Ending Fund Balance	\$ 608,917

**Alpine City
Budget Adjustments (End of Year)
6/30/2018**

Court Department		Debit	Credit
10-42-31	Professional Services	\$11,000	
10-39-10	General Fund Surplus		\$11,000

Professional services costs have exceeded the original budget projection.

Parks Department		Debit	Credit
10-70-25	Building and Grounds Supplies	\$5,000	
10-39-10	General Fund Surplus		\$5,000

Building and Grounds Supplies costs have exceeded the original budget projection.

ORDINANCE NO. 2018-03

**AN ORDINANCE AMENDING AND ADMINISTERING THE ALPINE CITY FISCAL
YEAR 2017-18 ANNUAL BUDGET**

WHEREAS, it is deemed desirable and in the best interest of the City of Alpine, Utah to adopt the annual budget for the operations, debt amortization, and capital outlay of the City.

**NOW, THEREFORE, THE MAYOR AND CITY COUNCIL OF THE CITY OF ALPINE
DO ADOPT AND ORDAIN AS FOLLOWS:**

**ARTICLE 1
DEFINITIONS**

SECTION 1. "BUDGET YEAR" means the 2017 - 2018 fiscal year for which this budget is made.

SECTION 2. "FISCAL YEAR" means that year which begins on the first day of July, 2017, and ends on the last day of June, 2018.

**ARTICLE II
BUDGET ESTABLISHES APPROPRIATIONS**

SECTION 1. APPROPRIATIONS.

From the effective date of the budget as outlined in the attached Exhibit "A", the several amounts stated therein as proposed expenditures, shall address the several objects and purposes therein named.

SECTION 2. ANTICIPATED REVENUES.

The amended anticipated revenues shall include revenue from all sources, including grants and loans and shall be classified in accordance with the chart of accounts of the municipality.

SECTION 3. FUND BALANCE.

The fund balance shall be available for emergency appropriation by the City Council.

SECTION 4. ANTICIPATED SURPLUS FROM MUNICIPAL UTILITY OR
ENTERPRISE FUNDS.

The anticipated revenue and proposed expenditures of each utility or other public service enterprise owned or operated by the city is stated in a separate section of the budget (See attached Exhibit A); and as to each such utility, an anticipated surplus, if legally available for general purposes and to the extent such surplus is to be used to support budget operation, is stated as an item of revenue in the budget.

**ARTICLE III
ADMINISTRATION OF BUDGET, FINANCIAL CONTROL**

SECTION 1. APPROVAL OF EXPENDITURES.

The City Administrator shall be the Finances Director and have charge of the administration of the financial affairs of the city and to that end shall supervise and be responsible for the disbursement of all monies and have control over all expenditures to insure that appropriations are not exceeded. He shall exercise financial budgetary control over each office, department and agency and shall cause separate accounts to be kept for the items of appropriation contained in the budget.

**ARTICLE IV
SEVERABILITY**

If any provision of this ordinance or the application thereof to any person or circumstance is held invalid, the invalidity shall not affect other provisions or application of the ordinance which can be given effect without the invalid provision or applications; and to this end the provisions of the ordinance are severable.

**ARTICLE V
ADOPTION & EFFECTIVE DATE**

This Ordinance is hereby adopted this 26th day of June 2018 and shall be effective for the Fiscal Year 2017 -2018.

Troy Stout, Alpine City Mayor

ATTEST:

Charmayne G. Warnock
City Recorder

ALPINE CITY COUNCIL AGENDA

SUBJECT: Bookmobile Agreement

FOR CONSIDERATION ON: June 26, 2018

PETITIONER: Utah County

ACTION REQUESTED BY PETITIONER: Review and approve the Bookmobile Agreement for 2018-2019.

INFORMATION: At the previous meeting, the Council requested statistics on bookmobile usage in Alpine.

Britton Lund, Bookmobile Program Manager from the state will make a presentation to the Council about Alpine's usage and the many services provided by the bookmobile. The cost for the Bookmobile service is the same as it was for the previous year which is \$13,200.00.

Attached are the following:

- Usage statistics
- A brochure outlining the services provided by the bookmobile
- Summer schedule.

RECOMMENDED ACTION: Consider approving the proposed Bookmobile Agreement.

MONTHLY Circulation by Bookmobile/By S

STOPS	July 2017 Truck				July 2017 Headquarters		
	Active Patrons	Check outs	Renewals	Total	Active Patrons	Check outs	Renewals
Alpine Community	47	511	419	930			
Benjamin Community	13	160	276	436			
Birdseye Community	5	44	46	90			
Cedar Fort Community	10	71	50	121			
Cedar Fort Elementary	4	13	5	18			
Cedar Hills (Utah County)	37	334	223	557			
Covered Bridge Community	4	6	17	23			
Elberta Community	1	12	22	34			
Elk Ridge Community	18	134	256	390			
Genola Community	3	16	39	55			
Goshen Community	11	104	92	196			
Goshen Elementary	1	9	9	18			
Indianola	1	12	28	40			
KaizenAcademy	9	24	69	93			
Lakeshore Community	5	66	30	96			
Lindon (Utah County)	9	48	64	112			
Mona Community	14	94	125	219			
Mona Elementary	11	79	85	164			
None					3	8	22
Rocky Ridge Community	18	136	87	223			
Spring Lake Community	8	24	50	74			
Springdell Community	4	6	10	16			
Utah County Bookmobile Headquarters	213	1709	1033	2742	33	239	155
Vineyard Community							

Grand Total of Checkouts and Renewals									
Aug Total	Sept 2017 Truck				Sept 2017 Headquarters				Sept Total
Grand Total of Checkouts and Renewals	Active Patrons	Check outs	Renewals	Total	Active Patrons	Check outs	Renewals	Total	Grand Total of Checkouts and Renewals
1140	49	394	599	993					993
651	14	163	278	441					441
145	6	24	46	70					70
177	12	72	97	169					169
33	92	322	177	499	8	26	13	39	538
890	34	142	473	615					615
345	6	90	198	288					288
277	7	51	144	195					195
625	12	31	171	202					202
116	3	1	29	30					30
285	11	55	127	182					182
49	3	3	32	35					35
23	1	8	16	24					24
89	9	33	37	70					70
23	1	9	5	14					14
71	1	16	0	16					16
284	20	64	176	240					240
172	236	591	406	997	58	164	101	265	1262
7					1	0	2	2	2
403	28	127	253	380					380
237	14	123	167	290					290
78	8	31	47	78					78
4122	221	1311	1462	2773	36	163	232	395	3168
	2	13	7	20					20

October 2017 Truck				October 2017 Headquarters				Oct Total	November
Active Patrons	Check outs	Renewals	Total	Active Patrons	Check outs	Renewals	Total	Grand Total of Checkouts and Renewals	Active Patrons
51	284	846	1130					1130	38
14	66	206	272					272	12
6	38	59	97					97	4
7	22	114	136					136	5
93	137	494	631	8	13	44	57	688	81
21	144	362	506					506	16
6	56	134	190					190	6
6	21	65	86					86	7
4	51	69	120					120	3
2	4	9	13					13	2
5	12	27	39					39	4
								0	
1	7	17	24					24	1
11	28	45	73					73	9
1	12	3	15					15	1
1	0	48	48					48	1
11	0	92	92					92	15
212	0	735	735	53	0	197	197	932	185
				1	6	7	13	13	
19	0	217	217					217	12
12	26	126	152					152	14
6	3	55	58					58	4
191	1365	1633	2998	48	285	260	545	3543	193
4	36	61	97					97	8

: 2017 Truck			November 2017 Headquarters				Nov Total	December 2017 Truck	
Check outs	Renewals	Total	Active Patrons	Check outs	Renewals	Total	Grand Total of Checkouts and Renewals	Active Patrons	Check outs
309	596	905					905	31	159
17	128	145					145	9	63
0	46	46					46	2	29
17	57	74					74	2	0
145	283	428	7	10	24	34	462	68	0
68	217	285					285	8	47
15	113	128					128	3	77
22	60	82					82	5	1
3	33	36					36	1	0
0	7	7					7		
13	21	34					34	2	0
							0		
0	30	30					30	1	0
0	44	44					44	2	1
4	2	6					6	1	8
25	27	52					52	1	23
76	107	183					183	10	0
267	560	827	60	109	161	270	1097	145	2
			1	0	6	6	6		
60	134	194					194	8	0
82	76	158					158	12	0
18	25	43					43	3	0
1387	1398	2785	53	356	266	622	3407	184	1036
46	78	124					124	9	47

k									
		December 2017 Headquarters				Dec Total	January 2018 Truck		
Renewals	Total	Active Patrons	Check outs	Renewals	Total	Grand Total of Checkouts and Renewals	Active Patrons	Check outs	Renewals
612	771					771	42	433	435
56	119					119	10	140	149
41	70					70	5	60	66
30	30					30	5	49	15
269	269	7	0	18	18	287	81	237	134
161	208					208	11	142	147
61	138					138	8	52	101
43	44					44	7	55	70
1	1					1	1	7	6
						0			
26	26					26	3	28	49
						0	1	2	2
30	30					30	1	0	10
1	2					2	7	29	27
6	14					14	2	12	3
49	72					72			
141	141					141	13	113	67
527	529	57	0	208	208	737	209	569	362
		1	0	2	2	2			
121	121					121	17	112	74
104	104					104	12	64	98
34	34					34	5	7	10
1377	2413	55	305	412	717	3130	197	1514	1428
114	161					161	9	77	139

January 2018 Headquarters					Jan Total	February 2018 Truck				
Total	Active Patrons	Check outs	Renewals	Total	Grand Total of Checkouts and Renewals	Active Patrons	Check outs	Renewals	Total	
868					868	39	280	492	772	
289					289	11	120	161	281	
126					126	4	55	31	86	
64					64	5	15	76	91	
371	7	24	15	39	410	78	116	301	417	
289					289	11	1269	214	343	
153					153	7	119	100	219	
125					125	4	12	31	43	
13					13	2	13	18	31	
					0					
77					77	2	23	21	44	
4					4	1	0	4	4	
10					10	1	7	14	21	
56					56	6	25	37	62	
15					15	3	22	24	46	
					0					
180					180	11	38	127	165	
931	60	209	99	308	1239	198	192	594	786	
					0					
186					186	18	46	182	228	
162					162	9	32	32	64	
17					17	4	14	23	37	
2942	62	490	381	871	3813	180	1297	1245	2542	
216					216	12	83	136	219	

February 2018 Headquarters				Feb Total	March 2018 Truck				March 2018 He:
Active Patrons	Check outs	Renewals	Total	Grand Total of Checkouts and Renewals	Active Patrons	Check outs	Renewals	Total	Active Patrons
				772	46	305	409	714	
				281	11	115	228	343	4
				86	5	15	75	90	
				91	5	29	52	81	
7	9	30	39	456	89	235	286	521	6
				343	12	142	207	349	
				219	5	6	91	97	
				43	5	28	42	70	
				31	1	10	10	20	
				0	1	1	0	1	
				44	2	8	30	38	
				4					
				21	2	13	36	49	
				62	9	53	51	104	
				46	3	15	26	41	
				0					
				165	13	60	81	141	
59	89	215	304	1090	217	478	555	1033	60
				0					
				228	25	94	139	233	
				64	8	34	55	89	
				37	6	39	53	92	
62	297	418	715	3257	187	1575	1308	2883	71
				219	12	139	155	294	

adquarters									
Mar Total			April 2018 Truck				April 2018 Headquarters		
Check outs	Renewals	Total	Grand Total of Checkouts and Renewals	Active Patrons	Check outs	Renewals	Total	Active Patrons	Check outs
			714	44	284	749	1033		
3	1	4	347	13	161	286	447	1	1
			90	3	29	48	77		
			81	4	2	32	34		
13	24	37	558	75	77	288	365	6	8
			349	12	94	376	470		
			97	6	48	12	60		
			70	6	45	60	105		
			20	2	3	21	24		
			1						
			38	3	49	47	96		
			0	1	3	3	6		
			49	2	19	21	40		
			104	11	44	55	99		
			41	2	10	20	30		
			0						
			141	11	35	76	111		
207	203	410	1443	199	247	595	842	59	56
			0						
			233	24	92	136	228		
			89	13	69	69	138		
			92	7	24	53	77		
419	398	817	3700	196	1331	1630	2961	70	295
			294	15	224	310	534		

		Apr Total	May 2018 Truck				May 2018 Headquarters		
Renewals	Total	Grand Total of Checkouts and Renewals	Active Patrons	Check outs	Renewals	Total	Active Patrons	Check outs	Renewals
		1033	37	575	581	1156	2	6	6
3	4	451	12	112	208	320	1	1	2
		77	3	38	68	106			
		34	5	27	67	94			
16	24	389	62	0	149	149	5	0	15
		470	15	253	338	591			
		60	6	89	93	182			
		105	6	30	69	99			
		24	1	1	4	5			
		0							
		96	3	25	73	98			
		6	1	2	6	8			
		40	1	16	23	39			
		99	13	45	59	104			
		30	2	17	11	28			
		0	1	0	4	4			
		111	17	73	108	181			
215	271	1113	172	10	400	410	57	0	102
		0							
		228	26	130	176	306			
		138	11	23	132	155			
		77	7	19	71	90			
515	810	3771	224	1610	1687	3297	82	480	509
		534	19	105	231	336			

Headquarters and Hours

USL Bookmobiles Provide...

- Full service library.
- Approximately 25,000 items; 5,000 on the truck. (Including picture books, easy readers, non-fiction, mysteries, classics, best sellers, general fiction, westerns, romance, large print, books on CD, PlayAways and DVDs.)
- Inter-library loan services.
- Free Wi-Fi access
- Laptops for customer usage
- Reference assistance
- iPads for customer usage

Bookmobile schedules are available on-line, on the bookmobile and at the headquarters.



Utah's Online Library is a virtual library that provides Utah residents with access to premium research databases and downloadable audiobooks and eBooks.

You can find:

- Downloadable audiobooks and eBooks
- Magazines and Newspapers
- Genealogy
- Health and Medical
- Business and Finance
- Auto Repair
- Jobs and Careers
- Homework help for kids and teens
- Utah and local history

Carbon County Bookmobile Headquarters

Helper Library – 19 S. Main, Helper
Phone: 435.472.0638
Hours: Mon—Thurs: 10:00 am – 7:00 pm
Closed Friday, Saturday, Sunday and Holidays

Iron County Bookmobile

Old School Library – 4763 Santa Fe Trail, Enoch
Phone: 435.586.6715
Hours: Mon & Wed: 12:00pm—5:00pm,
Tues: 10:00 am —3:00pm, Thurs: 12:00 pm – 7:00 pm
Closed Friday, Saturday, Sunday and Holidays

Millard County Bookmobile Headquarters

Millard and Juab Counties
Delta City Library – 90 N. 200 W. Delta
Phone: 435.864.2292
Hours: Mon-Thurs: 8:30 am – 12:30 pm, 1:00 – 3:00 pm
Closed Friday, Saturday, Sunday and Holidays

Multi-County Bookmobile Headquarters

Garfield and Kane Counties
Panguitch Library – 25 S. 200 E, Panguitch
Phone: 435.676.2431
Hours: Mon, Wed, Fri 9:00 am – 6:00 pm
Tue & Thurs: 9:00 am – 7:00 pm
Closed Saturday, Sunday and Holidays

Sanpete County Bookmobile Headquarters

Sanpete & Juab Counties
85 S. State – Fairview - Phone: 435.427.9305
Hours: Mon-Wed: 10:00 am – 4:30 pm
Thurs: 10:00 am – 2:00 pm
Closed Friday, Saturday, Sunday and Holidays

Tri-County Bookmobile Headquarters

Sevier, Wayne, Piute Counties
79 N. 100 W. – Bicknell - Phone: 435.425.3170
Hours: Mon-Thurs: 1:00 pm – 6:30 pm
Closed Friday, Saturday, Sunday and Holidays

Utah County Bookmobile Headquarters

Utah & Juab Counties
125 W. 400 N. Mapleton - Phone: 801.489.4833
Hours: Mon—Thurs: 10:00 am – 12:30 pm, 1:00 pm – 7:00 pm
Fri: 10:00 am – 5:00 pm
Closed Saturday, Sunday and Holidays

UTAH BOOKMOBILES



“An intelligent person is not necessarily one who knows the answers but rather knows where to find them.”

-John Ellison



bookmobiles.utah.gov

250 North 1950 West, Suite A
Salt Lake City, UT 84116-7901

Why do Libraries /Bookmobiles matter for children?

Consider these facts about children and library service:

- ☐ Fifty percent of intellectual development occurs between birth and four years of age.
- ☐ Children who have been exposed to reading before school begins do measurably better in school.
- ☐ Three out of five public library users are children.
- Use of the public library has more impact on children's summer learning than anything else.

"There is no substitute for books in the life of a child."

—Mary Ellen Chase



 Like Us On Facebook

 Follow Us On Twitter

How to Apply for a Library Card

- ☐ Fill out a library card application.
- ☐ Provide proof of residency
 - Picture ID
 - Current bill with address

Checking Out Materials

You may have up to forty total items checked out on your card, five may be DVDs.

- ☐ DVDs may be checked out by anyone age 18 and older.
- ☐ All items check out for two weeks with up to three renewals, unless the item is on hold for another patron.

Cardholder Responsibilities

Cardholders agree to the following responsibilities upon obtaining a card:

- Library cards are non-transferable and may only be used by the person named on the cardholder's registration.
- All material checked out on patron's card.
- All losses and/or damages to library materials checked out on patron's card.
- ☐ Prompt payment of any charges incurred.
- ☐ Prompt notification of any change in contact information.
- ☐ Immediate notification of lost or stolen library card.
- ☐ Parents or guardians accept responsibility for all materials checked out by family members 17 years of age or younger.

Can't find it? We can!

Inter-Library Loan (ILL) can be used to help you locate hard-to-find books that are available in other library systems across the country. Contact your local Bookmobile Librarian or the Technician at the Headquarters for assistance.

Services for the Blind and Disabled

This State Library program provides FREE materials for the blind and disabled. Books and magazines in braille. Large print, audio cassettes, and audio digital books. Ask a librarian for more information about who qualifies for this program.

BOOKS FOR ALL AGES



bookmobiles.utah.gov

Utah/Northern Juab County Bookmobile

2018 Schedule
SUMMER

Updated: 06/06/2018

Headquarters 125 West 400 North Mapleton, UT 84664 801-489-4833 (phone) Email: utahjuabbookmobile@utah.gov Website: http://bookmobiles.utah.gov	Librarian: Shawn Bliss snb bliss@utah.gov Cell: 801-400-3670 Technician: Terrilyn Simmons tsimmons@utah.gov	Headquarters Hours 10:00 – 8:00 Mon-Thurs 10:00 – 5:00 Friday Closed from 12:30-1:00 for lunch Closed Saturdays and Sundays
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Schedule A		
Monday	June 11, 25 / July 9, 23 / Aug 6, 20 (May 28th & Sep. 3rd Holiday -- No Service)	
3:00-4:00	Mapleton	Mapleton City Hall, 125 W 400 North (Community)
5:00-6:30	Vineyard	Vineyard City Hall, 125 South Main Street (Community)
Tuesday	May 29 / June 12, 26 / July 10 / Aug 7, 21 (July 24th Holiday -- No Service)	
10:30-12:00	Alpine	River Meadows Senior Living, 137 Red Pine Drive (Community)
12:30-2:30	Alpine	Creekside Park, 450 E 100 South Village Way (Community)
3:00-5:00	Alpine	LDS Church, 100 N Main Street (Community)
Wednesday	May 30 / June 13, 27 / July 11, 25 / Aug 8, 22	
10:30-11:30	Cedar Fort	LDS Church, 185 E Center Street (Community)
1:00-2:30	Vivian Park	Vivian Park Entrance, Provo Canyon Rd / US Hwy 189 (Community)
3:00-5:00	Springdell	Springdell Entrance, Provo Canyon Rd / US Hwy 189 (Community)
Thursday	May 31, June 14, 28 / July 12, 26 / Aug 9, 23	
12:00-2:30	Mona	Mona City Park, 100 N Main (Community)
3:30-5:30	Rocky Ridge	Church, 155 N East Ridge Road (Community)
Friday	No Service	

Holidays: Memorial Day (May 28), Independence Day (July 3-5), Pioneer Day (July 24), Labor Day (Sept 3)

Where's My Bookmobile? Get updates on cancellations, delays, schedule changes and events:

 <https://www.facebook.com/UtahCountyBookmobile>

 <https://twitter.com/UtahCountyBooks>



<http://bookmobiles.utah.gov/utah>

Utah/Northern Juab County Bookmobile

2018 Schedule
SUMMER

Updated: 06/06/2018

Headquarters 125 West 400 North Mapleton, UT 84664 801-489-4833 (phone) Email: utahjuabbookmobile@utah.gov Website: http://bookmobiles.utah.gov	Librarian: Shawn Bliss snbliss@utah.gov Cell: 801-400-3670 Technician: Terrilyn Simmons tsimmons@utah.gov	Headquarters Hours 10:00 – 8:00 Mon-Thurs 10:00 – 5:00 Friday Closed from 12:30-1:00 for lunch Closed Saturdays & Sundays
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Schedule B		
Monday	No Service	
Tuesday	June 5, 19 / July 17, 31 / Aug 14, 28 (July 4th Holiday Week – No Service)	
12:00-2:30	Elberta	LDS Church, 15331 S 12800 West (Community)
3:30-5:30	Spring Lake	LDS Church, 12625 S Spring Lake Road (Community)
Wednesday	June 6, 20 / July 18 / August 1, 15, 29 (July 4th Holiday Week– No Service)	
9:00-9:45	Palmyra	LDS Church, 1866 W 5000 South (Community)
10:00-11:00	Lake Shore	LDS Church, 3200 W 5900 South (Community)
11:30-1:30	Benjamin	LDS Church, 3238 W 7300 South (Community)
2:30-5:00	West Mountain	LDS Church, 5237 W 10400 South (Community)
Thursday	June 7, 21 / July 19 / August 2, 16, 30 (July 4th Holiday Week– No Service)	
10:30-11:30	Indianola	Fire Station, Highway 89 and Snail Hollow Dr (Community)
11:45-12:45	Birdseye	Kaizen Academy, Lasson Canyon Road
1:00-3:00	Birdseye	Eagles Landing, 89 and Cougar Run Rd- Mailboxes (Community)
4:00-5:30	Covered Bridge	Covered Bridge Canyon, US Highway 6/89 (Inside Gate) (Community)
Friday	No Service	

Holidays: Memorial Day (May 28), Independence Day (July 3-5), Pioneer Day (July 24), Labor Day (Sept 3)

Where's My Bookmobile? Get updates on cancellations, delays, schedule changes and events:

 <https://www.facebook.com/UtahCountyBookmobile>

 <https://twitter.com/UtahCountyBooks>



<http://bookmobiles.utah.gov/utah>

INTERLOCAL COOPERATION AGREEMENT BY AND BETWEEN UTAH COUNTY, UTAH, AND ALPINE CITY REGARDING LIBRARY SERVICES

THIS IS AN INTERLOCAL COOPERATION AGREEMENT, made and entered into by and between UTAH COUNTY, a political subdivision of the State of Utah, with its office located at 100 East Center Street, Provo, Utah 84606, hereinafter referred to as "COUNTY," and ALPINE CITY, a political subdivision of the State of Utah, with its office located at 20 North Main, Alpine, Utah 84004, hereinafter referred to as "ALPINE."

WITNESSETH:

WHEREAS, pursuant to the provisions of the Interlocal Cooperation Act, Title 11, Chapter 13, Utah Code Annotated, 1953 as amended, public agencies, including political subdivisions of the State of Utah as therein defined, are authorized to enter into written agreements with one another for joint or cooperative action; and

WHEREAS, the parties to this Agreement are public agencies as defined in the Interlocal Cooperation Act; and

WHEREAS, the parties desire to establish a joint undertaking to provide library and bookmobile services for the residents of ALPINE;

NOW, THEREFORE, the parties do mutually agree, pursuant to the terms and provisions of the Interlocal Cooperation Act, as follows:

Section 1. EFFECTIVE DATE; DURATION

This Interlocal Cooperation Agreement shall become effective and shall enter into force, within the meaning of the Interlocal Cooperation Act, upon the submission of this Interlocal Cooperation Agreement to, and the approval and execution thereof by the executive or executive

body of each of the parties to this Agreement. The term of this Interlocal Cooperation Agreement shall be from *July 1, 2018 until June 30, 2019*. This Interlocal Cooperation Agreement shall take effect upon its review as to proper form and compliance with applicable law by the Utah County Attorney's Office and the attorney for ALPINE. Prior to becoming effective, this Interlocal Cooperation Agreement shall be filed with the keeper of records of each of the parties hereto.

Section 2. ADMINISTRATION OF AGREEMENT

The parties to this Agreement do not contemplate nor intend to establish a separate legal entity under the terms of this Interlocal Cooperation Agreement. The parties hereto agree that, pursuant to Section 11-13-207, Utah Code Annotated, 1953 as amended, COUNTY shall act as the administrator responsible for the administration of this Interlocal Cooperation Agreement. The parties further agree that this Interlocal Cooperation Agreement does not anticipate nor provide for any organizational changes in the parties. The administrator agrees to keep all books and records related to this Interlocal Cooperative Agreement in such form and manner as the Utah County Clerk/Auditor shall specify and further agrees that said books shall be open for examination by COUNTY and ALPINE, at all reasonable times. The parties agree that they will not acquire, hold nor dispose of any real property pursuant to this Interlocal Agreement during this joint undertaking. The parties further agree that they will not acquire, hold, or dispose of any personal property during this joint undertaking.

Section 3. PURPOSES

This Interlocal Cooperation Agreement has been established and entered into between COUNTY and ALPINE, for the purpose of a joint undertaking to provide library and bookmobile service for the residents of ALPINE through making stops by the COUNTY'S bookmobile at the following locations within ALPINE:

Tuesday, every other week (24 times per year)

- a. River Meadows Senior Living, 10:15-12:00 (1.75 hours) for a total of 42 hours.
- b. Creekside Park, 12:30-2:30 (2 hours) for a total of 48 hours.
- c. 100 North Main, LDS Chapel, 3:00-5:00 p.m. (2 hours) for a total of 48 hours.

Section 4. MANNER OF FINANCING

ALPINE agrees to pay the sum of \$13,200.00 to COUNTY for the bookmobile services enumerated in Section 3 hereof on or before July 1, 2018.

Section 5. METHOD OF TERMINATION

This Interlocal Cooperation Agreement will automatically terminate at the end of its term herein, pursuant to the provisions of paragraph one (1) of this Agreement. Prior to the automatic termination at the end of the term of this Agreement, either party to this Agreement may terminate the Agreement upon providing sixty (60) days written notice of termination to the other party.

Section 6. INDEMNIFICATION

The parties to this Agreement are public entities. Each party agrees to indemnify and save harmless the other for damages, claims, suits, and actions arising out of a negligent error or omission of its own officials or employees in connection with this Agreement.

Section 7. FILING OF INTERLOCAL COOPERATION AGREEMENT

Executed copies of this Interlocal Cooperation Agreement shall be placed on file in the office of the Utah County Clerk/Auditor and with the official keeper of records of ALPINE, and shall remain on file for public inspection during the term of this Interlocal Cooperation Agreement.

Section 8. ADOPTION REQUIREMENTS

This Interlocal Cooperation Agreement shall be (a) approved by the executive or the executive body of each of the parties, (b) executed by a duly authorized official of each of the parties

(c) submitted to and reviewed by an authorized attorney of each of the parties, as required by Section 11-13-202.5(3), Utah Code Annotated, 1953 as amended, and (d) filed with the keeper of records of each party.

Section 9. LAWFUL AGREEMENT

The parties represent that each of them has lawfully entered into this Interlocal Cooperation Agreement, having complied with all relevant statutes, ordinances, resolutions, by-laws, and other legal requirements applicable to their operation.

Section 10. AMENDMENTS

This Interlocal Cooperation Agreement may not be amended, changed, modified or altered except by an instrument in writing which shall be (a) approved by the executive or the executive body of each of the parties, (b) executed by a duly authorized official of each of the parties, (c) submitted to and reviewed by an authorized attorney of each of the parties, as required by Section 11-13-202.5(3), Utah Code Annotated, 1953 as amended, and (d) filed with the keeper of records of each party.

Section 11. SEVERABILITY

If any term or provision of the Interlocal Cooperation Agreement or the application thereof shall to any extent be invalid or unenforceable, the remainder of this Interlocal Cooperation Agreement, or the application of such term or provision to circumstances other than those with respect to which it is invalid or unenforceable, shall not be affected thereby, and shall be enforced to the extent permitted by law. To the extent permitted by applicable law, the parties hereby waive any provision of law which would render any of the terms of this Interlocal Cooperation Agreement unenforceable.

Section 12. NO PRESUMPTION

Should any provision of this Agreement require judicial interpretation, the Court interpreting or construing the same shall not apply a presumption that the terms hereof shall be more strictly construed against the party, by reason of the rule of construction that a document is to be construed more strictly against the person who himself or through his agents prepared the same, it being acknowledged that all parties have participated in the preparation hereof.

Section 13. BINDING AGREEMENT

This Agreement shall be binding upon the heirs, successors, administrators, and assigns of each of the parties hereto.

Section 14. NOTICES

All notices, demands and other communications required or permitted to be given hereunder shall be in writing and shall be deemed to have been properly given if delivered by hand or by certified mail, return receipt requested, postage paid, to the parties at their addresses first above written, or at such other addresses as may be designated by notice given hereunder.

Section 15. ASSIGNMENT

The parties to this Agreement shall not assign this Agreement, or any part hereof, without the prior written consent of all other parties to this Agreement. No assignment shall relieve the original parties from any liability hereunder.

Section 16. GOVERNING LAW

All questions with respect to the construction of this Interlocal Cooperation Agreement, and the rights and liability of the parties hereto, shall be governed by the laws of the State of Utah.

IN WITNESS WHEREOF, the parties have signed and executed this Interlocal Cooperation Agreement, on the dates listed below:

UTAH COUNTY

APPROVED this ____ day of _____, 2018.

BOARD OF COUNTY COMMISSIONERS
UTAH COUNTY, UTAH

Nathan Ivie, Chair

ATTEST:
Bryan E. Thompson
Utah County Clerk/Auditor

By: _____
Deputy

ATTORNEY REVIEW

The undersigned, as the authorized attorney of Utah County, has reviewed the foregoing Interlocal Cooperation Agreement and finds it to be in proper form and in compliance with applicable law.

DATED this ____ day of _____, 2018.

By: _____
David H. Shawcroft, Deputy
Utah County Attorney

ALPINE CITY

APPROVED this _____ day of _____, 2018.

By: _____
Mayor

ATTEST: _____
City Recorder

ATTORNEY REVIEW

The undersigned, as the authorized attorney of Alpine City, has reviewed the foregoing Interlocal Cooperation Agreement and finds it to be in proper form and in compliance with applicable law.

DATED this _____ day of _____, 2018.

By: _____
Legal Counsel for Alpine City

AGENDA ITEM

ALPINE CITY COUNCIL MEETING

Meeting Date: June 26, 2018

Subject: Alpine City Public Safety Committee

Submitted by: Julie Beck

Summary: In response to several years of citizen grievances, the Alpine City Council approved the formation of a committee to address speed and safety concerns April 10, 2018. On May 22, 2018, Julie B. Beck addressed the City Council to provide information regarding traffic safety.

Recommendation:

1. Approve and indemnify the currently serving committee. (Below)
2. Approve the Alpine City Public Safety Committee Charter. (Attached)
3. Allow the committee to utilize the Alpine City identity, Alpine City communication platforms and tax-exempt status.
4. Allow the committee to utilize Alpine City data.
5. Approve an initial committee budget of \$6,000 for Alpine Youth Council support, signage for City entrances, main arteries and neighborhoods, public information brochures, personal #committothelimit certificates, social media, auto participant identification, Alpine Days and other opportunities to promote public safety and respect.

☑ *For Approval*

Proposal Supplements

1. Committee: Chair: Julie B. Beck, Vice Chair: Judi Pickell, Secretary, Laura St. Onge, Members: Nancy Brown, Mark Goodsell, Heather Johnson, Diana Lacey, Cathy Smith. Additional volunteers will be participating city-wide.
2. A speed calming initiative named *Commit to the Limit* (#committothelimit) consisting of (1) A Citizens' influence campaign (2) Increased law enforcement and (3) Physical changes recommended by UDOT and other government entities to provide for safer transit in Alpine City has been initiated.

CHARTER
ALPINE CITY PUBLIC SAFETY COMMITTEE

June 26, 2018

The Alpine City Public Safety Committee represents the citizens of Alpine and is organized to promote safe, respectful behavior in Alpine City.

The committee will utilize city, state, federal, and public safety district resources to identify, measure, and publicize safety needs and promote a greater sense of community and responsibility.

The committee will utilize news media, city communication channels, social medial platforms, influence groups, and local events to promote its purpose. It will work in concert with City administration and law enforcement.

The committee will consist of a chair, vice chair, secretary, and 6 to 8 additional citizens, with other volunteers as needed. The committee members will serve 4-year terms with half of the committee being replaced on a 2-year rotation.

ALPINE CITY COUNCIL AGENDA

SUBJECT: Major Subdivision Revised Concept and Preliminary Plan – The Ridge at Alpine PRD

FOR CONSIDERATION ON: 26 June 2018

PETITIONER: Paul Kroff

ACTION REQUESTED BY PETITIONER: Review revised concept and preliminary plan and give direction as needed.

BACKGROUND INFORMATION:

The subdivision includes a total of 72 lots ranging in size from 0.46 acres to 3.08 acres on a site that is approximately 189.5 acres. It is proposed to include approximately 127.3 acres of private open space. Approximately 68.6 acres of that open space is already recorded as a conservation easement. It is also proposed to include approximately 2 acres of public open space that will be used as a soccer park. The site is located in the CR-40,000 zone.

The Planning Commission approved the revised concept and preliminary plans for The Ridge at Alpine subdivision through the following motions with conditions:

MOTION: Sylvia Christiansen moved to approve The Ridge at Alpine Concept Plan with the following conditions:

1. Applicant meet the engineering requirements stipulated
2. Change soccer park to a family park
3. Add required screening for park and trail parking
4. Add lighting in the parking lot
5. Add parking stalls at the park
6. Work with the Trail Committee on the routing of the 2 trails
7. Subject to the applicant satisfying City Council that the scenic and cluster requirements are met for lot 72.

John Gubler seconded the motion. The motion passed with 5 Ayes. 0 Nays. Bryce Higbee, Alan MacDonald, John Mackay, John Gubler and Sylvia Christiansen all voted Aye.

MOTION: Sylvia Christiansen moved to approve The Ridge at Alpine Preliminary Plan with the following conditions and subject to concept approval.

1. An exception be granted for a non-standard road cross section along Oak Drive.
2. The cross section would include 30 feet of pavement with 3 foot shoulders on each side.
3. The Developer address redline comments on the plans and drainage report.

4. The Developer work with Staff regarding the variable speed pumps required in the Annexation and Development Agreement, then report to the City Council prior to submitting for final Approval.
5. The Planning Commission approve or disapprove lot 72. If lot 72 is approved, the developer submit a retaining wall design that meets the ordinance for lot 72.

John Gubler seconded the motion. The motion passed with 5 Ayes. 0 Nays. Bryce Higbee, Alan MacDonald, John Mackay, John Gubler and Sylvia Christiansen all voted Aye.

STAFF RECOMMENDATION:

Review revised concept and preliminary plan and provide direction to the developer for The Ridge at Alpine PRD Subdivision.



Date: June 15, 2018

By: Austin Roy *AR*
City Planner

**Subject: Planning and Zoning Review
The Ridge at Alpine PRD Preliminary Plan
Approximately 1100 North Grove Drive – 72 lots on 189.5 acres**

Background

The proposed Alpine Ridge Planned Residential Development (PRD) consists of two parts; recently annexed property (Oberre Annexation) and property that was already located within Alpine City. This distinction needs to be made due to a development agreement between the City and the developer which will affect the lots that were part of the Oberre Annexation. Lots that were already located within Alpine City limits were accepted to be developed as a PRD by the City Council on September 13, 2016 provided that the open space was designated as a soccer field with the gradation and preparation of the park to be the responsibility of the developer in the first phase, and apply the wording of the Development Agreement for the Oberee annexation relating to lot size to this property.

The subdivision includes a total of 72 lots ranging in size from 0.46 acres to 3.08 acres on a site that is approximately 189.5 acres. It is proposed to include approximately 127.3 acres of private open space. Approximately 68.6 acres of that open space is already recorded as a conservation easement. It is also proposed to include 2 acres of public open space that will be used as a soccer park. The site is located in the CR-40,000 zone.

PART 1 – OBERRE ANNEXATION (60 LOTS)

Development Agreement

178.9 acres of the property was annexed into Alpine City and a development agreement (attached) was executed between the City and the Developer. The details of the agreement are unique to this development and may not be consistent with typical subdivision requirements.

Lot Area and Width Requirements

The Development Agreement (DA) limits the number of lots to be developed on the property. The Developer shall use the base density for the CR-40,000 zone with no bonus density awarded for any public or private open space. In addition, the existing conservation easement on the property will not be included in calculating the base density for the development (DA 3.2). The total number of lots allowed within the annexed area is 60 lots. The developer shows no more than 60 of the 72 lots within the annexed area. This is consistent with the terms of the agreement.

The DA also limits the size of the lots. No more than 20% of the lots to be developed shall be less than 30,000 square feet in area, with no lot being smaller than 20,000 square feet in area (DA 3.3). No lot is shown to be less than 20,000 square feet and 6 lots or 8% of the annexed area are less than 30,000 square feet. The size of the proposed lots is consistent with the terms of the development agreement.

Each lot shall abut upon and have direct access to an adjacent public street. The width of each lot shall be not less than 90 feet (as measured along a straight line connecting each side lot line at a point 30 feet back from the front lot line). The length of the front lot line abutting the City street shall be no less than 60 feet (Section 3.9.7.6). Each proposed lot appears to meet the requirements.

PART 2 – OTHER PROPERTY NOT OBERRE ANNEXATION (12 LOTS)

Planned Residential Development (PRD) Determination

The 10.6-acre area of the development that is not a part of the development agreement is proposed to be developed as a PRD. The Planning Commission made a recommendation to the City Council and the PRD proposal was accepted by the City Council on September 13, 2016 provided that open space be designated as a soccer field with the gradation and preparation of the park to be the responsibility of the developer in the first phase, and apply the wording of the Oberre Annexation Development Agreement relating to lot size to this property.

It is proposed that **2 acres be used as a public soccer park**. The proposed field is designed for youth groups ages 9 and under (U9), which is smaller an adult field. Open space has been proposed as an incentive for receiving approval for being developed as a PRD and having smaller lots in this area of the development.

Lot Area and Width Requirements

Since the City Council has required that the DA language apply to the area outside of the Oberre Annexation if it is developed as a PRD, the development as a whole will need to have no more than 20% of the lots less than 30,000 square feet and no lot less than 20,000 square feet. The plan shows 7 more lots outside of the Oberree Annexation that are less than 30,000 square feet making a total of 13 lots for the entire development. That is 18% of the development which is consistent with the language of the DA.

The width of each lot shall be not less than 90 feet (as measured along a straight line connecting each side lot line at a point 30 feet back from the front lot line). The length of the front lot line abutting the City street shall be no less than 60 feet (Section 3.9.7.6). Each proposed lot appears to meet the width requirements.

PART 3 – GENERAL REMARKS (ENTIRE SUBDIVISION)

Revised Concept

The concept plan for The Ridge at Alpine has been revised since it was approved with conditions by the Planning Commission on December 6, 2016. The revised concept plan requires Planning Commission approval. Changes to the concept plan include:

- 1) Lot 72 private lane has been altered.
- 2) Savannah Circle layout and design changed.
- 3) Catherine Way connection to Grove Drive changed.
- 4) Change to lot lines and lot size for lots 52 and 53 (old 54).
- 5) Lots 46 and 48 (old 60 and 69) divided to create lot 47.
- 6) Alignment of easterly hiking/mountain bike trail has been altered.
- 7) Layout of Zachary Way has been slightly altered.
- 8) Trailhead parking has been added to the bottom of lot 72.
- 9) Parking and restroom have been added to the proposed soccer park.

Public Trails

The proposed subdivision will include public trails. The **plans currently show two trails**: one located on the western property boundary, and the other located east of the ridge line in the conservation easement. The alignment of the first trail (westerly trail) has not been altered since the approved concept. The alignment of the second changed slightly from the original approved concept, most notably the southern end of the trail.

3.17.9.1

When a proposed development includes a trail, trailhead or any segment of a trail as shown on the Trail Master Plan...the building or subdivision plans and plats shall incorporate such trails or trailhead, and they shall be built by the developer.

The trail committee has recommended alternate alignments for the trails proposed by the developer. As of the time of writing this letter the developer is working with the trail committee to find an agreed upon trail alignment that will be updated prior to final plat submission. See attachments.

Road Locations

The Planning Commission had a concern with the location of the roads on the original concept plan, specifically the proximity of an exit to the Russon property. This road has not changed since.

Parking

At concept, it was discussed that the developer needed to add parking for both the proposed

trailhead and soccer field. The revised concept now shows 13 off-street parking stalls for the trailhead (located at the base of lot 72 in Savannah Circle) and 25 off-street parking stalls for the soccer field. The developer has proposed that the trailhead off-street parking be done in gravel, and the soccer field parking be paved asphalt. The preliminary plans show no light in the parking lot for the soccer field; a light is required per ordinance.

The US Soccer Foundation recommends a minimum of 45 parking per field (see attachment from the official Soccer Field Handbook). As for trailhead parking, the Trail Committee is advising at least 15 off-street parking stalls be added based on anticipated use of the proposed trailhead.

Preliminary plans do not show any screening for the trailhead or soccer field parking lots. The sides and rear of any parking lot that adjoins a resident shall be required to be screened by solid privacy fence or masonry wall.

Staff recommends that off-street parking be sufficient to meet the anticipated use of the soccer field and trailhead, that lighting be added to the soccer field parking, and that screening be added between the parking lots and adjoining residential properties.

Name of Subdivision

At concept there were concerns about the name of the subdivision (Alpine Ridge), but the name has since changed (The Ridge at Alpine) and this is no longer a concern.

Lot 72

There are several concerns with “lot 72” of the proposed plan, including preservation of open space, and development clusters. Engineering and Fire concerns are addressed in separate letters.

Section 3.9.1.D of the PRD ordinance states that the proposed project must demonstrate that it will “preserve open space to meet the recreational, scenic, and public service needs.” In addition, the dwelling cluster requirements (section 3.9.6.1) states that “**All lots shall be located within a designated development cluster.** Each cluster shall contain no less than three (3) separate lots.” And “Where a project contains land located within and outside the Sensitive Land Overlay Zone, development clusters will **be located outside the Sensitive Land Overlay Zone, to the maximum extent possible.**” The consensus staff interpretation of the ordinance is that “lot 72” would not be consistent with the scenic intent and dwelling cluster requirements of a Planned Residential Development. Due to the above concerns it is recommended that “lot 72” be eliminated or modified to meet the PRD ordinance.

RECOMMENDATION

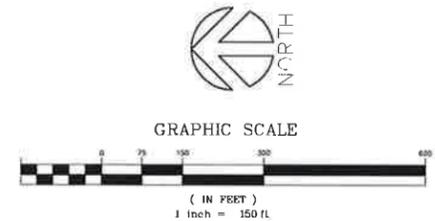
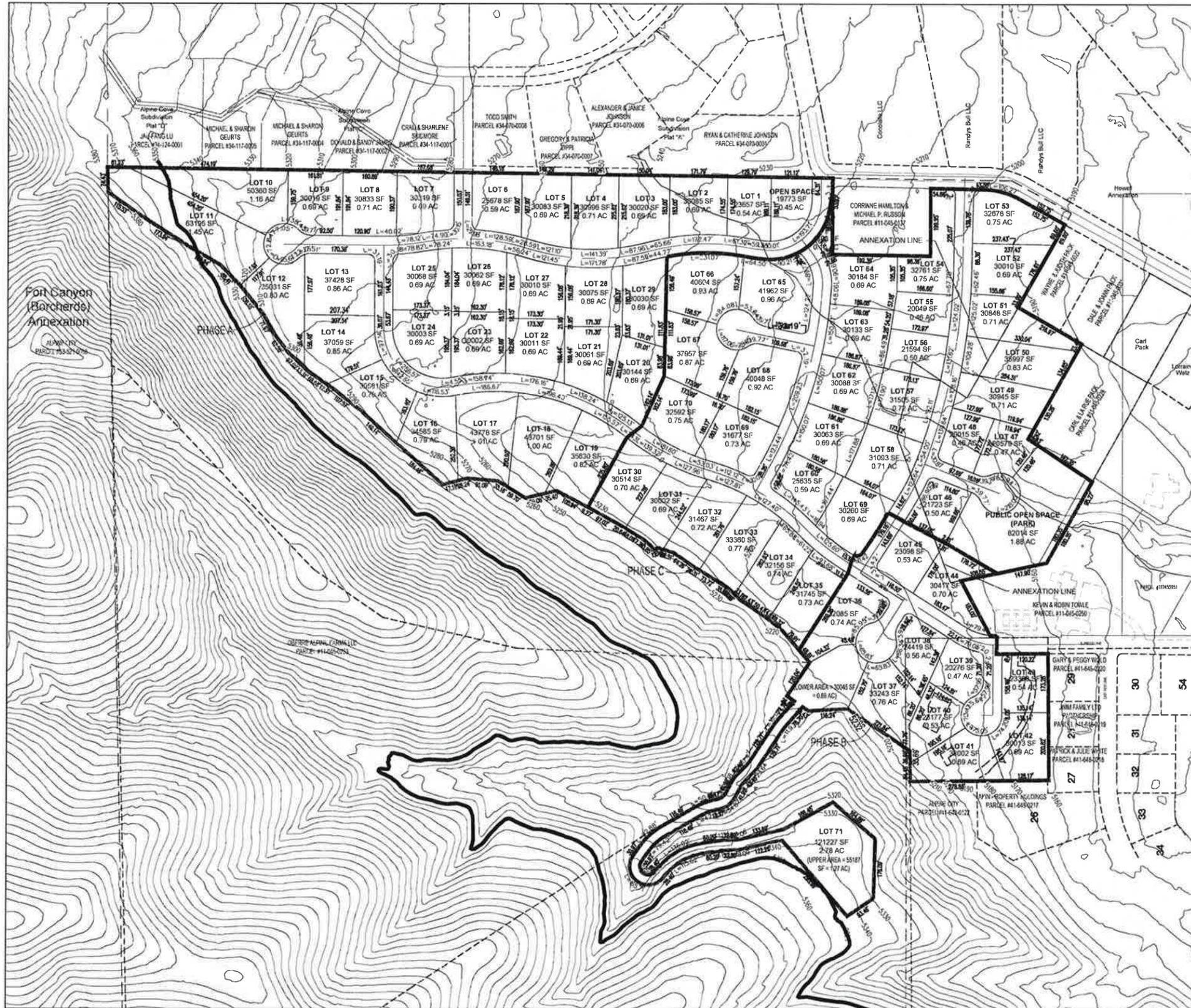
The Planning and Zoning Department recommends that the proposed subdivision concept plan be approved with the following conditions:

- The Developer eliminate or modify “Lot 72” to meet the scenic intent and dwelling cluster requirements of a PRD.
- Developer provide required lighting for soccer field parking.

- Developer provide required screening (solid privacy fence or masonry wall) between the
- The Developer address and resolve parking concerns for the trailhead and soccer field.
- The Developer implement the proposed trail alignment as recommended by the Trail Committee.

Attachments:

- Approved Concept – The Ridge at Alpine (Old)
- Revised Concept – The Ridge at Alpine (Proposed)
- Development Agreement
- Trail Master Plan
- USSF Soccer Field Handbook – Parking
- Trail Committee Alignment exhibits



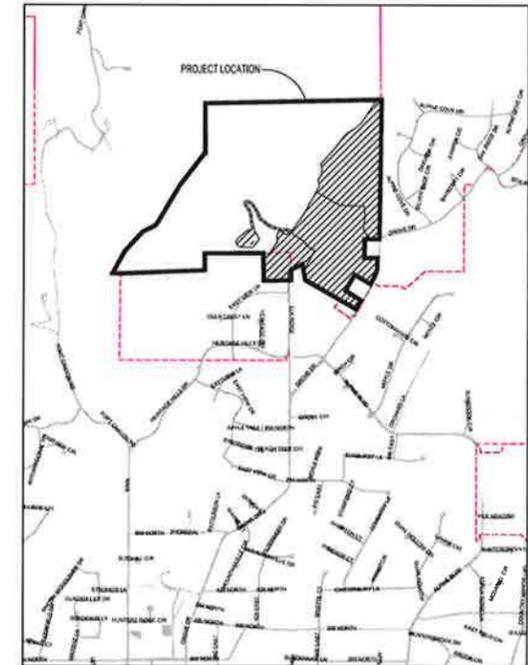
**ALPINE RIDGE
PLANNED RESIDENTIAL DEVELOPMENT**
1100 NORTH GROVE DRIVE
ZONING = CR-4000

TOTAL ACREAGE INCLUDED:
 PHASE A = 26.7 ACRES
 PHASE B = 10.6 ACRES
 PHASE C = 27.8 ACRES

TOTAL OF 71 LOTS

TOTAL NUMBER OF LOTS LESS THAN 30,000 SF = 13 LOTS (18.3%)
 (LOTS 1, 6, 38-40, 43, 45-48, 55-56, 60)

AVERAGE LOT SIZE (LOTS 1 THROUGH 70) = 31340 SF



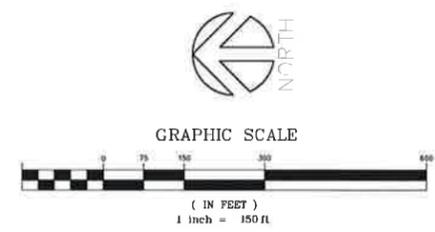
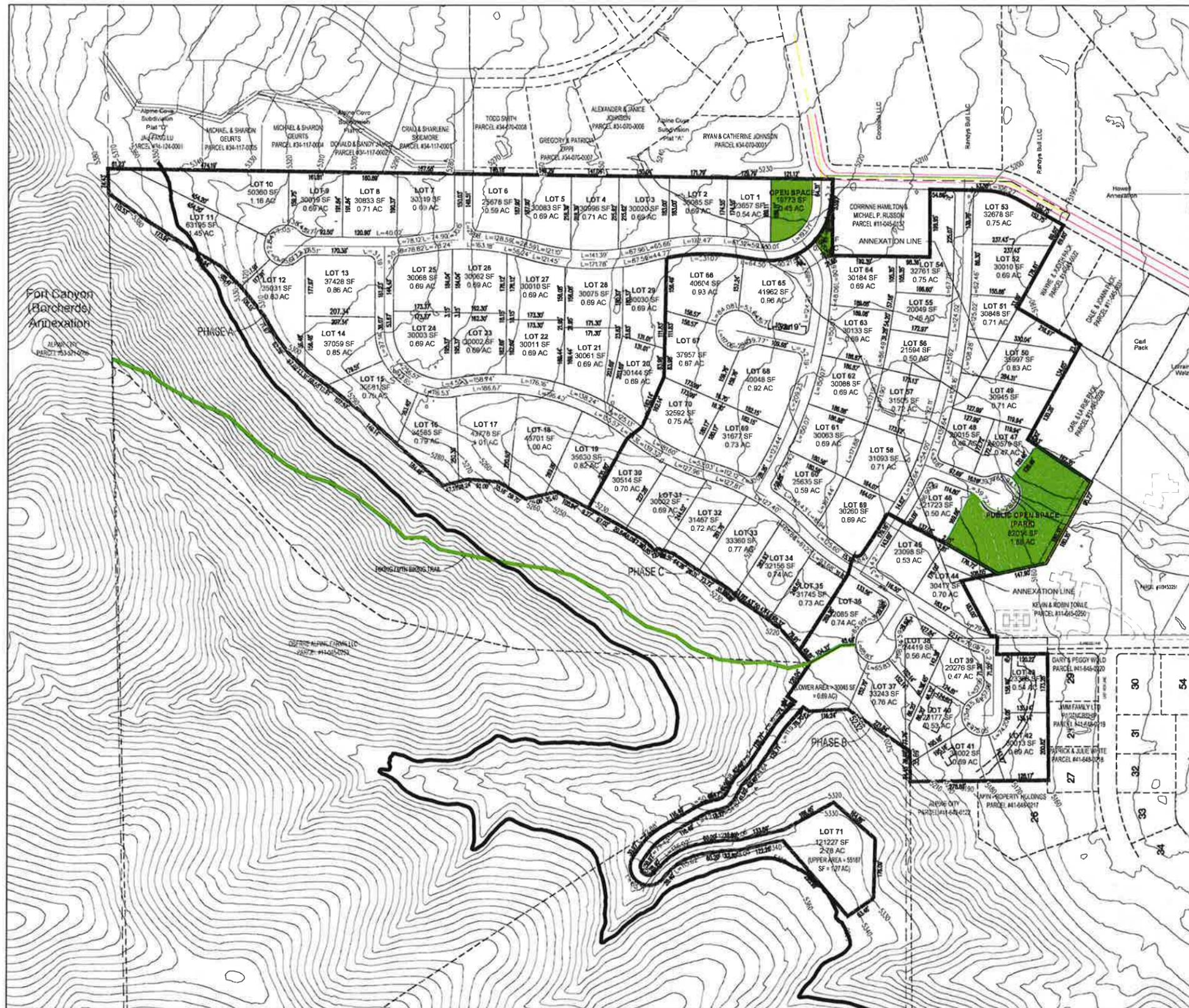
VICINITY MAP

BUSH & GUDGELL, INC.
 Engineers - Planners - Surveyors
 655 East 4500 South, Suite 100
 Salt Lake City, Utah 84107
 Phone (801) 364-1212 / Fax (801) 364-1225
 www.bushandgudgell.com



DATE: JULY, 2016
 DRAWN: CMB
 APPROVED: CMB
 SCALE: 1" = 150'
 JOB NO. 162085

CONCEPTUAL PLAN
 ALPINE RIDGE
 PLANNED RESIDENTIAL DEVELOPMENT
 PREPARED FOR: PAUL KROFF



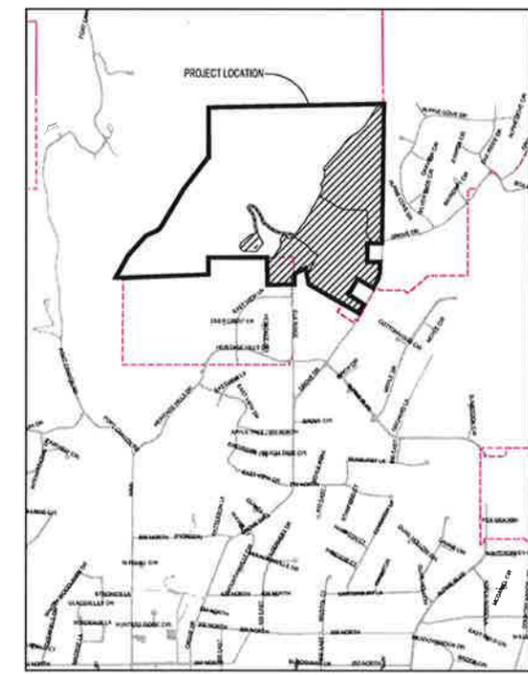
ALPINE RIDGE
 PLANNED RESIDENTIAL DEVELOPMENT
 1100 NORTH GROVE DRIVE
 ZONING = CR-40000

TOTAL ACREAGE INCLUDED:
 PHASE A = 26.7 ACRES
 PHASE B = 10.6 ACRES
 PHASE C = 27.8 ACRES

TOTAL OF 71 LOTS

TOTAL NUMBER OF LOTS LESS THAN 30,000 SF = 13 LOTS (18.3%)
 (LOTS 1, 6, 38-40, 43, 45-48, 55-56, 60)

AVERAGE LOT SIZE (LOTS 1 THROUGH 70) = 31340 SF



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 Engineers - Planners - Surveyors
 655 East 4500 South, Suite 100
 Salt Lake City, Utah 84107
 Phone (801) 364-1212 / Fax (801) 364-1225
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DATE: JUL 2, 2008
 DRAWN: CHM
 APPROVED: CHM
 SCALE: 1" = 150'
 JOB NO. 163035

CONCEPTUAL PLAN
 ALPINE RIDGE
 PLANNED RESIDENTIAL DEVELOPMENT
 PREPARED FOR: PAUL KROFF



Date: June 14, 2018

By: Jed Muhlestein, P.E. 
City Engineer

**Subject: The Ridge at Alpine – ENGINEER’S PRELIMINARY REVIEW
72 Lots on 189.5 Acres, CR 40,000 Zone**

This is the engineering review for The Ridge at Alpine preliminary subdivision plans. A separate Planning Review will also be completed. The proposed development consists of 72 lots on 189.5 acres. The development is located in the CR 40,000 zone, west of the Cove subdivision and north east of Heritage Hills Plat A. A map was prepared showing the preliminary plan overlaid on existing city infrastructure, it is attached for reference.

Street System

Alpine Cove Road Connection

At concept it was mentioned that a connection to Alpine Cove Drive would be made. The plans show this connection but with no curb and gutter, which match the current conditions in the Cove. The City does not have a typical cross section without curb and gutter but in this situation, Staff would be in favor of an exception. Due to the “built-out” nature of the Cove, where landscaping exists and encroaches in the right of way throughout the development, Staff does not think upgrading the roads to the City standard with curb, gutter, sidewalk, and park strips will be feasible in the foreseeable future. Because of this, **Staff would recommend an exception to the City’s road standards on Oak Drive as proposed.** The developer would be responsible for construction of Oak Drive on their property, the City would be responsible for the offsite costs to make the connection.

Design Standards

The street system appears to be in compliance with the street master plan, which does not show collector or arterial roads on/through the property. The typical residential street, having 30 feet of pavement and a 54-foot right of way, is shown throughout the development.

The cul-de-sacs appear to be dimensioned per code and overall road design appears to meet ordinance. The standard road cross section is shown everywhere besides the Oak Drive stub road as mentioned earlier.

Frontage improvements along Grove Drive are discussed in the development agreement (attached). The road design includes the design and improvement of the intersection by the

Russon's residence. Grove Drive improvements are discussed in section 5.4 of the development agreement. The intersection of Catherine Way and Grove is intended to be a 3-way stop. The plans show curb, gutter, and sidewalk and have been redlined to show street striping and signage to reflect a 3-way stop.

Utilities

Sewer System

The upper portion of the property can gravity flow to an 8-inch sewer main located in Grove Drive. Parts of the south westerly side of the development can gravity flow to an existing 8-inch main in Elk Ridge Drive. The lower middle section of the development (lots 49-51, 56-61, soccer bathroom) is shown to use a low pressurized sewer system. The sewage for these lots will be required to be pumped to the nearest gravity sewer main, which is located in Zachary Way. The sewer master plan showed these lots being served via a gravity sewer main that ran southward, offsite through private property, and connected back to Elk Ridge Lane. Negotiations with the private property owner for a sewer alignment failed and the City Council voted for the use of a pumped system for these lots. New laterals are shown for each lot. There are existing buildings that have sewer systems which must be removed or capped in place. This would be a condition of final approval for the appropriate phase of the development.

Pressurized Irrigation System

Horrocks Engineers has modeled the site and recommends a 12-inch irrigation main to be installed from Grove Drive to the intersection of Elk Ridge and East View Lane. This is a master planned improvement and is larger than needed for the subdivision but benefits the city as a whole. The minimum required mainline size in residential roads is a 6-inch line. The city would be responsible for and use impact fees to pay the cost of upsizing this mainline to 12-inch. The 12-inch line would need extended to East View Lane as shown on the plans. The remainder of the subdivision would use 6-inch lines for main roads including the northern most cul-de-sac and 4-inch lines for the minor cul-de-sacs. Connection to the lines in Grove Drive and Elk Ridge is shown on the plans.

Source of water is an ongoing problem in the high zone, where the development is proposed. The development agreement discusses the responsibility of the developer to install a variable speed pump at the Fort Creek booster station which could be dedicated to pumping water to this zone from the low zone. It was mentioned at Concept that the design of this system improvement should be submitted with the Preliminary Application and the pumps should be installed along with the first phase of development. Since Concept there have been projects discussed that may or may not affect the need for these pumps; namely a new well in the high zone and pressurized irrigation meters for the entire city. **Prior to Final Approval, the Developer needs to work with Staff regarding the specifics of what would be required for this development agreement item. The City Council would need to approve the result of those discussions.**

New 1-inch laterals are shown to be installed for each new lot except Lot 72. The building pad for Lot 72 sits above the maximum elevation to which the system can serve and

would therefore be watered with culinary water only.

There are two existing pressurized irrigation laterals that currently serve the property. Neither would be useful for the proposed design and are therefore required to be cut and capped at the main as shown on the plans.

Culinary Water System

The subdivision is very close to the 5,350-foot elevation, which is the highest elevation the existing water system can serve and still provide the minimum 40 psi required by ordinance. The culinary water master plan calls for a new 10-inch main to be installed from the Grove tank to the 90-degree bend in Grove Drive that would provide minimum fire flows to the area. The development agreement specifies it is the responsibility of the developer to bring offsite utilities to the development (section 4.2.1). Discussions have indicated that the size of homes desired in the upper portion of the development may require a larger line to meet the fire protection demands. The developer has elected to install a 16-inch line instead of the 10-inch, which increases fire flows to 2,750 gpm. With 2,750 gpm available fire flow, the maximum sized home to be built without the need for fire sprinklers or alternate construction materials would be 11,300 square feet based on the International Fire Code.

The fire flow for this development was dependent upon the completion of the water system improvements in Three Falls and Fort Canyon Road. These improvements are complete and in operation.

1-inch laterals with ¾-inch meters are required, and shown, for each new lot.

The Fire Chief has reviewed and approved all but the access to Lot 72 on the plans (discussed below).

Storm Water Drainage System

The storm water system design and drainage report has been submitted, reviewed, and approved with some redline comments. It is attached. There are four main topics to cover concerning storm water.

1. School House Springs Drainage and Existing Irrigation Ditches.

The school house springs drainage enters Alpine City on the top west side of Alpine Cove. From there it travels southward until it enters the Zolman property. Section 4.7.19 of the development code requires existing ditches to be piped. A 30-inch pipe is proposed to capture this drainage and route it through the property.

The Northfield Ditch also runs through the property. This ditch has been abandoned and therefore will not be required to be piped through the property. **The Developer will be required to weld a metal plate at the upstream head gates to ensure water will not enter the abandoned ditch.**

2. Onsite Drainage.

Onsite drainage consists of a piped system to capture and route water to three different detention basins. Each basin is designed for the 100-yr storm event which releases water to the existing drainages in the area. On Catherine Way there is a low point in the road which would cause flooding problems for events greater than a 10-

- year storm. Because of this a drainage swale is proposed between lots 44, 45 and 49, 50. The swale would adequately route larger storm event flows to the pond south of Annie Circle without causing a flooding risk for the nearby homes. This swale should remain open, no fences allowed. Notes to be placed on Final Plat.
3. Hillside/Offsite Drainage.

The geotechnical report highlighted the issue of debris flows that would enter the development from the west side in the event of post fire flows or heavy rainfall events. The Developer contracted with IGES to design debris flow nets to capture these flows and mitigate the potential problem. The nets are designed to capture the debris, water would be allowed to pass through the nets and continue down the drainage. The water that passes the nets would follow Savannah Cir, Elk Ridge Lane, Zachary Way, and Annie Circle to make its way to the detention pond. Calculations have been done to show that the homes along this route would not be flooded in the event of a post fire situation if they were required to build at least 1.75 feet above the curb. A note will be placed on the final plat for the appropriate phases and checked prior to Final Approval for this requirement. The Drainage Reports and IGES design for debris flow nets are attached.
 4. Low Impact Development.

March 1, 2016, the State of Utah implemented into the General MS4 Permit (Small Municipal Separate Storm Sewer Systems) the requirement of all developments to evaluate Low Impact Development (aka - LID) for their site. LID is a measure of handling storm water and improving water quality. LID emphasizes conservation and the use of on-site natural features to protect water quality. There are many ways to meet the LID requirement. LID can be met by the use of drainage swales, rainwater harvesting, curb cuts to direct water to smaller local basins, and so on. The developer shows in the storm water calculations that LID will be implemented at the building permit level with each new lot retaining the 90th percentile storm, which equates to about a 2-year, 1-hr rainfall event for Alpine City. This is something Alpine is doing for all new homes within the city as required by the State. This is not done just as a measure of protecting water quality, but also protecting against runoff from one property to another.

Geotechnical / Hazard Reports

Geotechnical Report

The proposed development falls within the Geologic Hazards Overlay Zone as well as the Urban/Wildland Interface. As with any development, the developer would be required to obtain and submit a Geologic Hazards Report for the property. The developer has had such a report prepared and it is included herewith. Several reports have been done on the property. Of particular note is an area of mass grading and fill of an existing ravine that ran through the property. The City has no records of compaction or what type of material was used to fill the ravine. The report did pay specific attention to this area and has provided recommendations for

building there. The report also mentioned the need to look further into Geologic Hazards such as debris flow and rock fall (see next paragraph). The report should be made available to all future home buyers.

Hazard Report

The Developer contracted with IGES to provide further information regarding certain hazards. The report covers rock fall and debris flow in more depth. It was determined that there is a low to moderate rock fall hazard for most the lots along the westerly side of the development. The lots in the north westerly corner were considered to have a moderate rockfall hazard and IGES recommended more studies be done in the area prior to development to determine if larger setbacks or other mitigation efforts would be required. **Staff would recommend that report be a condition of final approval for the appropriate phase of development.** The report recommended disclosure to future buyers of lots along the westerly side of the potential rock-fall hazard. A note should be placed on the plat for any phase of development that contains these lots. This will be checked at final approval.

The report also looked further into debris flow from Big Hollow canyon. This canyon exits near lot 72 and onto Savannah Circle. The worst-case scenario would be a post-fire situation. IGES provided a design for debris flow nets that would capture the potential debris from such an event but would allow the water to pass through. This design is similar in nature to what the city built in Box Elder where water is allowed to pass but the debris is captured. The location of two debris flow nets are shown in the report.

Lot 72

Lot 72 (previously Lot 69) has been discussed at the concept level. A design has been provided which meets fire flow and pressure standards per to Horrocks' review. Pressurized irrigation will not be served on this lot due to its elevation. The driveway design follows an existing dirt road with retaining walls that were recently constructed without a building permit. The walls currently would not meet city ordinance and would need to be rebuilt per city ordinances. Pictures attached. The design does not currently meet fire access requirements. **The Developer needs to work with the Fire Department for access design approval.** From an engineering standpoint the lot is buildable assuming retaining walls can be built to city code. **If the lot is approved, Engineering recommends retaining wall compliance be part of the approval.** A separate review from the Planner will discuss other ordinances that apply to the lot.

Existing buildings

The property has several existing buildings onsite. Prior to the recordation of any phase of development that contains existing buildings, the existing building(s) must be removed, existing services either re-used or cut and capped, or a bond provided to the city to ensure those things will happen prior to a building permit being issued on the affected lot(s). These would all be conditions of Final Approval.

Conservation Easement

It should be noted that a conservation easement exists on a large portion of the north westerly area of the property. The language for the easement expressly prohibits any kind of building or development. Trails are allowed and discussed in the Planner's Review Letter. The recorded conservation easement is attached.

ENGINEERING RECOMENDATION

Engineering recommends that Preliminary Approval of the proposed development be approved with the following conditions:

- **An exception be granted for a non-standard road cross section along Oak Drive. The cross section would include 30 feet of pavement with 3-foot shoulders on each side;**
 - **The Developer address redline comments on the plans and drainage report;**
 - **The Developer work with Staff regarding the variable speed pumps required in the Annexation and Development Agreement, then report to the City Council prior to submitting for Final Approval;**
 - **The Developer weld metal plates at the upstream head gates of North Field Ditch;**
 - **The Planning Commission approve/disapprove Lot 72**
- If Lot 72 is approved as proposed:**
- o **The Developer obtain approval from the Fire Department regarding Lot 72 access;**
 - o **The Developer submit a retaining wall design that meets city ordinance for Lot 72.**

Attachments

- **Preliminary Map Overlay**
- **Annexation Development Agreement**
- **Horrocks Engineer's Review Letter**
- **Fire Chief Letters**
- **Preliminary Plans**
- **Drainage Report**
- **Geotechnical Studies**
- **IGES Debris Flow Net Design**
- **Conservation Easement**
- **Lot 72 Existing Retaining Walls**



LONE PEAK FIRE DISTRICT
5582 PARKWAY WEST DRIVE
HIGHLAND, UTAH 84003
(801) 763-5365
WWW.LONEPEAKFIRE.COM

REED M. THOMPSON, FIRE CHIEF

MEMORANDUM

DATE: 18 June 2018

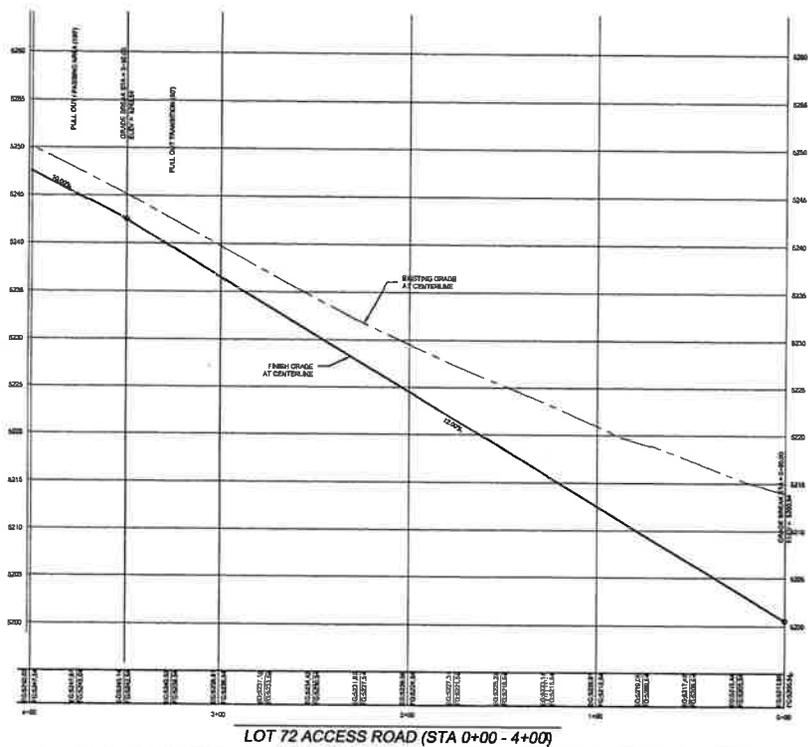
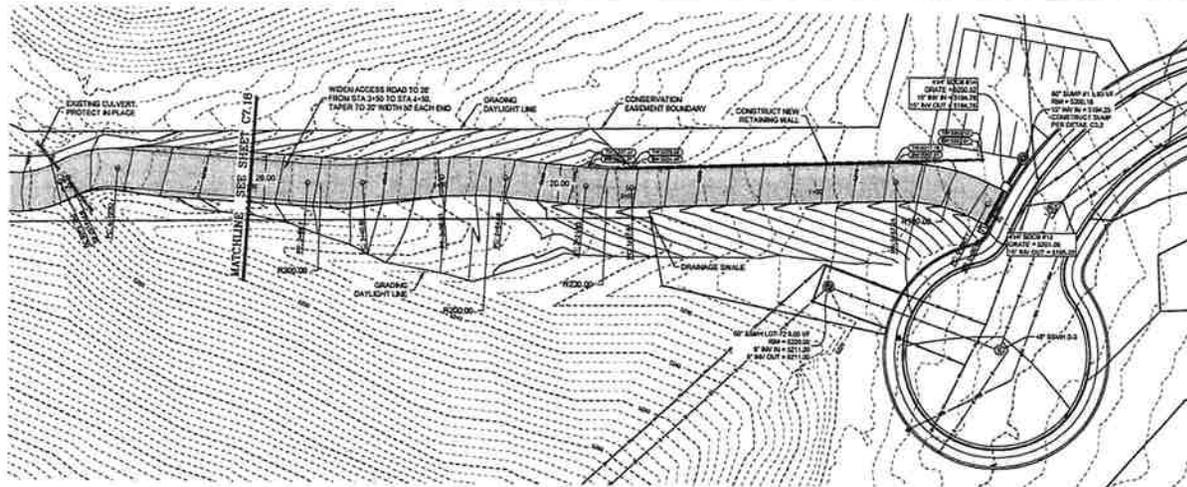
TO: Jed Muhlestein, City Engineer, Alpine City
CC: Austin Roy, City Planner, Alpine City
FROM: Reed M. Thompson, Fire Chief *Reed M. Thompson*
SUBJECT: THE RIDGE AT ALPINE SUBDIVISION—LOT 72 ACCESS ROAD

In review of the proposed site development construction drawings, labeled “The Ridge at Alpine Subdivision Planned Residential Development”, specifically [(Plan and Profile 17, 18, 19, 20; C7.17-C7.20), (Lot 72 Access Overview C7.21) attached, dated 15 June 2018—5 sheets]. Please note:

The access road due to the length (greater than 750’) and slope (in excess of 10%) requires special approval. Special access road approval will be granted if the following conditions are met:

- Access road is comprised of an all-weather access material and maintained 24/7/365
- Supports minimum traffic weights of 75,000 pounds
- Turnaround at end of road measures a minimum of 96’ in diameter or approved hammer head
- A fire hydrant with adequate fire flows located within 150’ of the structure(s)
- Any other requirement as outlined in the 2015 International Fire Code
- Bump outs to 26’ for 100’ sections for distances greater than 500’
 - Bump outs require a grade change in slope to lesser than 10%

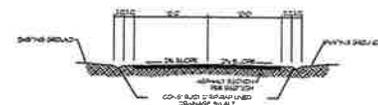
Based on the new drawings submitted, the slopes as outlined above have been addressed along with the bump outs required. Please note while the proposed access road is not optimal due to length and slope, the requirements established through the plan review process have been met by the developer.



- LEGEND**
- - - - - EXISTING GROUND CONTOUR
 - - - - - FINISH GROUND CONTOUR (PROPOSED)
 - — — METAL 1" PRESSURIZED IRRIGATION WATER LINE
 - — — METAL 1" PRESSURIZED IRRIGATION LATERAL AND METEOR
 - — — METAL 1" 2-WAY CULINARY WATER LINE
 - — — METAL 3/4" CULINARY SERVICE LATERAL, COMPLETE WITH METERS AND BARRIS
 - — — METAL 1" FIRE HYDRANT, COMPLETE WITH VALVE
 - — — METAL 1" 304-SS SANITARY SEWER LINE
 - — — METAL SANITARY SEWER MANHOLE
 - — — METAL 4" SEWER LATERAL AT 2% MINIMUM SLOPE
 - SPOT ELEVATION
 - — — STORM DRAIN (PER PLAN)
 - — — PROPOSED LOT LINE
 - — — PROPOSED CURB & GUTTER
 - - - - - EXISTING CURB & GUTTER

NOTE:
1. ALL CONSTRUCTION TO BE COMPLETED PER ALPINE CITY STANDARDS AND SPECIFICATIONS

ACCESS ROAD TO LOT 72 CROSS SECTION
30'-0" x 30'-0"



PLAN & PROFILE LOT 72 ACCESS ROAD (1)
THE RIDGE AT ALPINE
SUBDIVISION



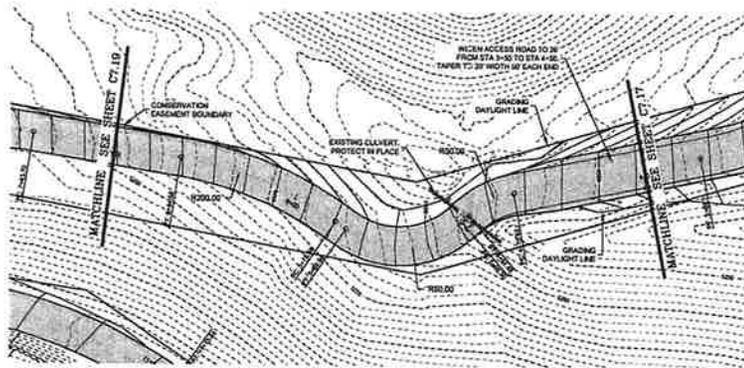
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855 East 6000 South, Suite 100
Salt Lake City, Utah 84107
Phone (801) 364-1226
www.bushandgudgell.com



DATE: 11/18/2016
DRAWN BY: JAC
APPROVED BY: PK
SCALE: AS SHOWN
JOB NO.: 10300

PLAN & PROFILE 17
THE RIDGE AT ALPINE
PLANNED RESIDENTIAL DEVELOPMENT
PREPARED FOR: PAUL KROFF

SHEET
C7.17
FILE: 10300.dwg



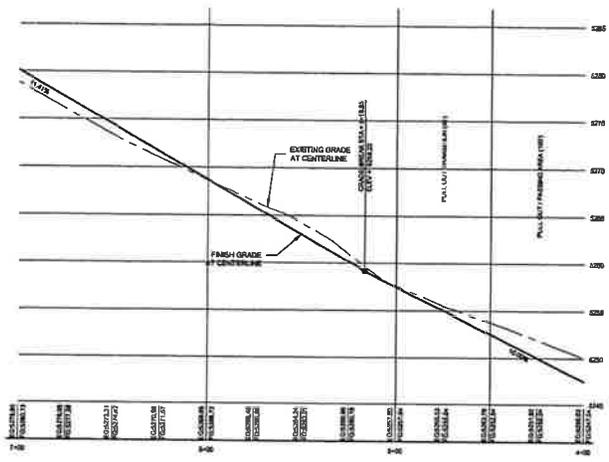
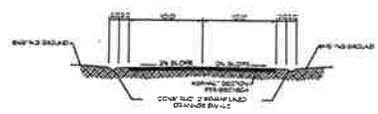
LEGEND

- - - - - EXISTING GROUND CONTOUR
- FINISH GRADE CONTOUR (REGULATION)
- 6" PIPESIZED BRIGATION WATER LINE
- 6" PIPESIZED BRIGATION LATERAL AND METER
- 6" 0-RED CULINARY WATER LINE
- 6" 0-RED CULINARY WATER LINE
- 6" 0-RED CULINARY SERVICE LATERAL, COMPLETE WITH METER AND MANGEL
- 6" FIRE HYDRANT, COMPLETE WITH VALVE
- 6" 60-35 SANITARY SEWER LINE
- 6" 60-35 SANITARY SEWER MANHOLE
- 4" SEWER LATERAL AT 2% MINIMUM SLOPE
- SPOT ELEVATION
- STORM DRAIN (PER PLAN)
- PROPOSED LOT LINE
- PROPOSED CURB & GUTTER
- EXISTING CURB & GUTTER

NOTES:
1. ALL CONSTRUCTION TO BE COMPLETED PER ALPINE CITY STANDARDS AND SPECIFICATIONS



ACCESS ROAD TO LOT 72 CROSS SECTION
STATION 4+00 - 6+00



LOT 72 ACCESS ROAD (STA 4+00 - 7+00)

PLAN & PROFILE LOT 72 ACCESS ROAD (2)
THE RIDGE AT ALPINE
SUBDIVISION



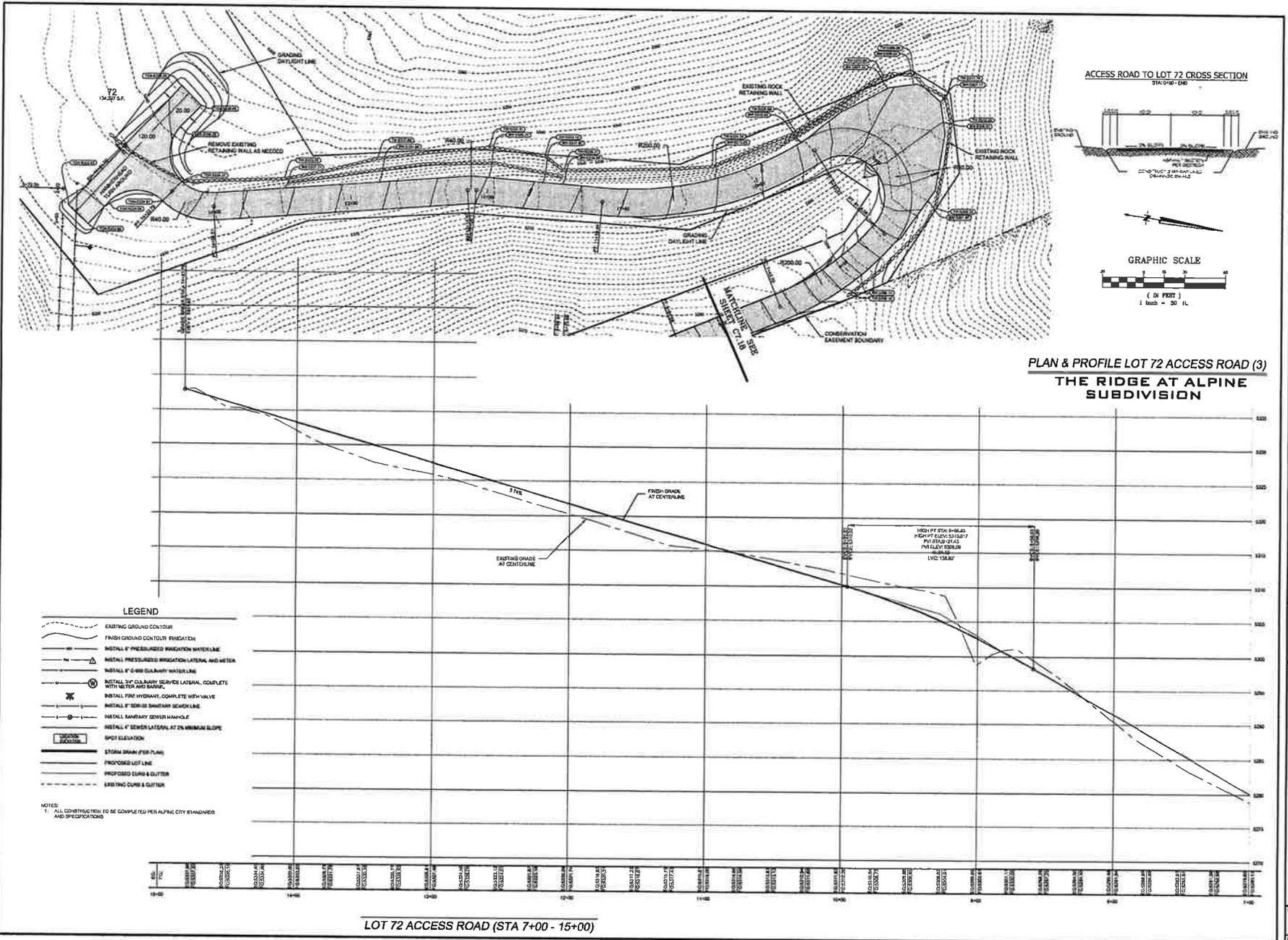
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Engineers - Planners - Surveyors
855 East 4800 South, Suite 100
Boulder, Colorado 80514
Phone: (800) 368-4122
www.bushandgudgell.com



DATE: _____
DRAWN: _____
APPROVED: _____
SCALE: _____
JOB NO.: _____

PLAN & PROFILE 18
THE RIDGE AT ALPINE
PLANNED RESIDENTIAL DEVELOPMENT
PREPARED FOR: PAUL KROFF

SHEET: **C7.18**
P.L.E. 08/18/2018

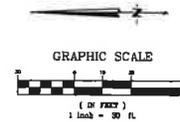
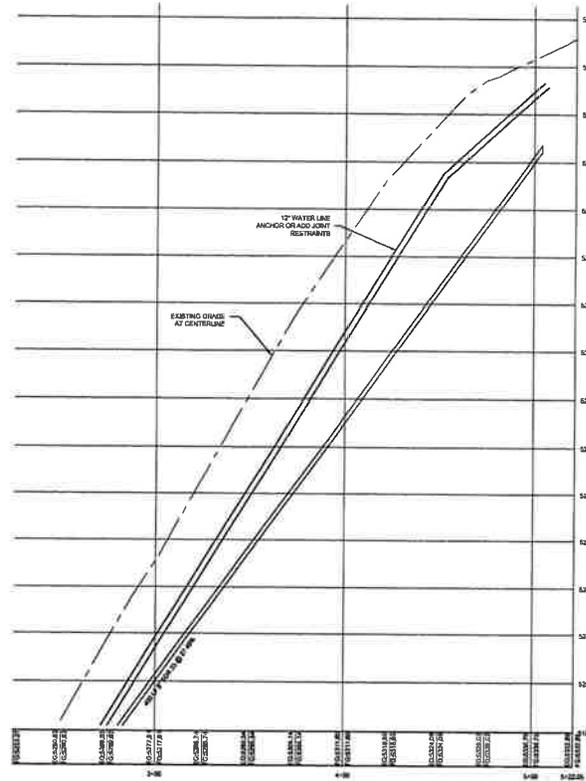
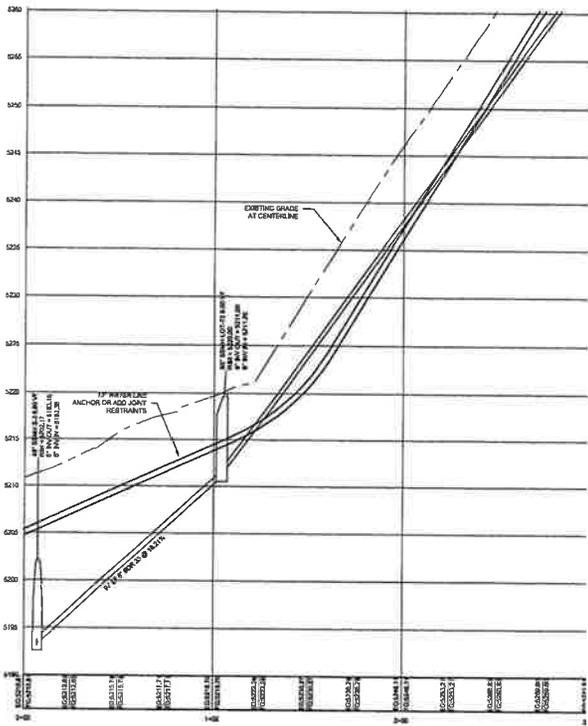
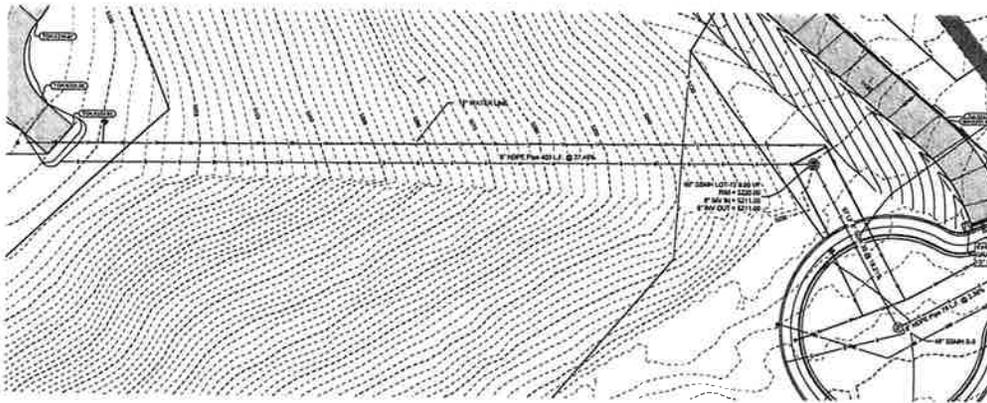


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Engineers - Planners - Surveyors
655 East 4500 South, Suite 100
Salt Lake City, Utah 84107
Phone (801) 364-1212 / Fax (801) 364-1225
www.bushandgudgell.com



DATE: 03-16-2019
DRAWN BY: [Redacted]
APPROVED BY: [Redacted]
SCALE: AS SHOWN
JOB NO.: 100001014

PLAN & PROFILE 19
THE RIDGE AT ALPINE
PLANNED RESIDENTIAL DEVELOPMENT
PREPARED FOR: PAUL KROFF



LOT 72 SEWER PROFILE
THE RIDGE AT ALPINE
SUBDIVISION

LOT 72 SEWER PROFILE



BUSH & GUDGELL, INC.
Engineers - Planners - Surveyors
800 East 4000 South, Suite 100
Salt Lake City, Utah 84107
Phone (801) 364-1212 / Fax (801) 364-1225
www.bushandgudgel.com



DATE: 04/2018
DRAWN BY: [Signature]
CHECKED BY: [Signature]
PROJECT: [Signature]
JOB NO.: 18008

PLAN & PROFILE 20
THE RIDGE AT ALPINE
PLANNED RESIDENTIAL DEVELOPMENT
PREPARED FOR: PAUL KROFF

SHEET
C7.20

To: Shane Sorensen, P.E.
Jed Muhlestein, P.E.
Alpine City

From: John E. Schiess, P.E.

Date: April 24, 2018

Memorandum

Subject: Updated The Ridge at Alpine Hydraulic Modeling Results and Recommendations

The proposed The Ridge at Alpine development is the same as the Oberee annexation that we have modeled and discussed several times over the past couple of years. The development consists of 72 lots in the area between Elk Ridge Lane and Grove Drive west of Alpine Cove. I have used the current design version dated 3-30-18 for road and building pad elevations.

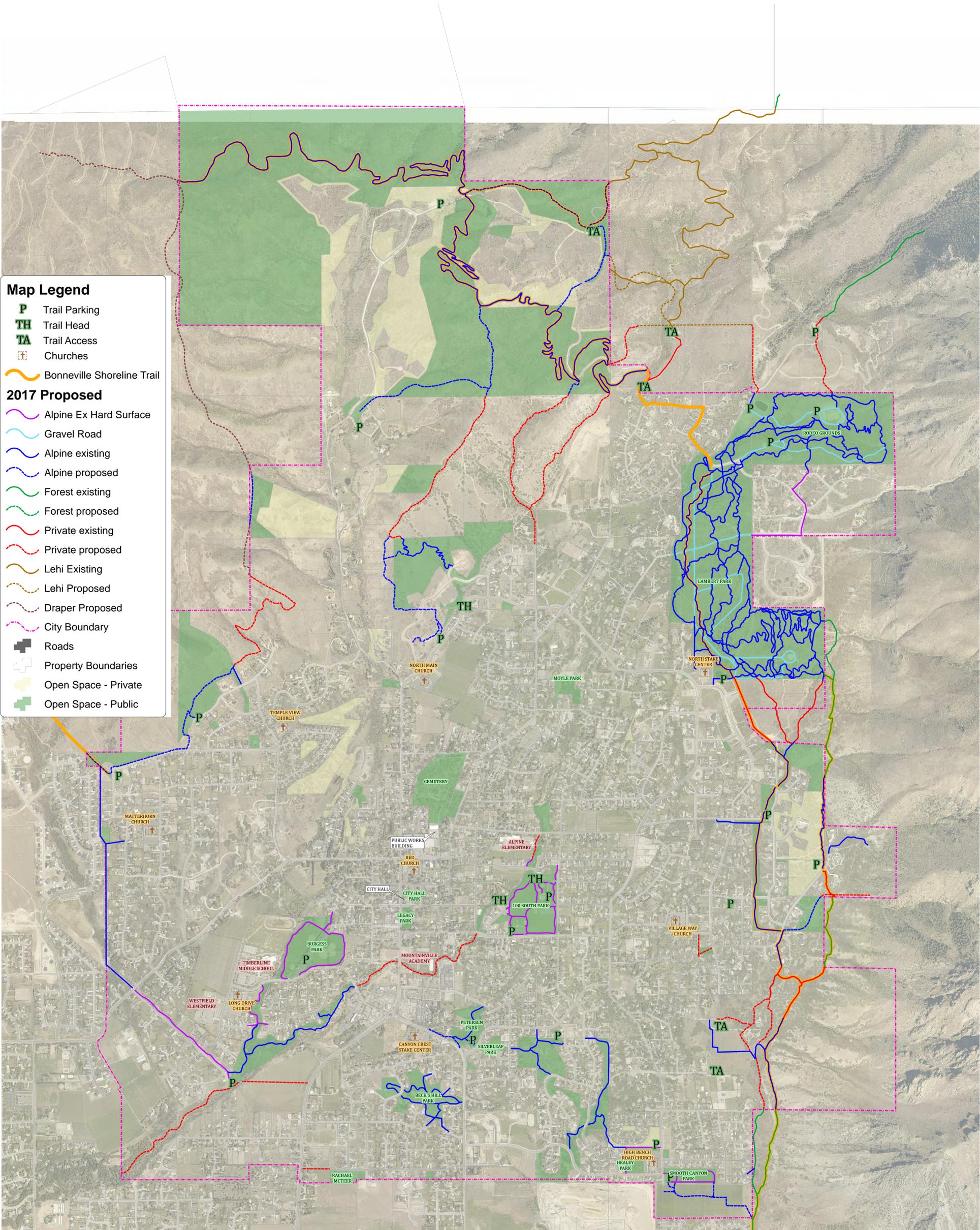
I have reviewed the proposed expansion plans with respect to the culinary water system and found the proposed improvements will comply with State of Utah Division of Drinking Water rules and regulations with respect to the minimum sizing requirements of R309-510 and the minimum pressure requirements of R309-105-9. This is based on the following recommendations. Additional comments are included.

The proposed secondary irrigation improvements have been reviewed and recommendations are listed below. The master planned improvements should be adequate for the proposed subdivision.

The proposed sewer system has been reviewed and the proposed drainage locations fit within the current master plan with no off-site modifications recommended.

Recommendations:

1. Construct the master planned culinary water improvements both on-site and off-site which included 8 inch minimum pipes in the subdivision, 8 inch on Grove Drive from the tee intersection south the existing 8 inch (this is not necessary immediately but will be for buildout conditions), and 10 inch from the tee intersection east to the Grove Tank 12 inch outlet piping. These improvements will provide 1,750 gpm fire flow throughout the zone. A 10 inch pipe is necessary to serve lot 72 to obtain 1,750 gpm fire flow for this lot.
2. If higher fire flows are desired then pipe size increases are necessary both on-site and off-site. For example if 2,750 gpm is desired then a 16 inch is required to replace the 10 inch noted above with a 12 inch connecting to the 16 and extending up to the northern most cul-de-sac. A 12 inch pipe is necessary to serve lot 72 to obtain 2,750 gpm fire flow for this lot. I understood the developer wants to move in this direction especially since they have installed the off-site 16 inch waterline necessary.
3. Install a 12 inch pressure irrigation line from the Grove Drive tee intersection to the intersection of Elk Ridge Ln and Eastview Ln. Most of the rest of the piping can be 6 inch including the northern most cul-de-sac. The other cul-de-sacs can be 4 inch.



Map Legend

- P** Trail Parking
- TH** Trail Head
- TA** Trail Access
- Churches
- Bonneville Shoreline Trail
- 2017 Proposed**
- Alpine Ex Hard Surface
- Gravel Road
- Alpine existing
- Alpine proposed
- Forest existing
- Forest proposed
- Private existing
- Private proposed
- Lehi Existing
- Lehi Proposed
- Draper Proposed
- City Boundary
- Roads
- Property Boundaries
- Open Space - Private
- Open Space - Public



Trail Master Plan



Proposed Oct 2017

**TRAIL COMMITTEE PROPOSED ALIGNMENT
VIEW FROM THE NORTH**

**RED = The Ridge At Alpine Properties
BLUE = Three Falls Properties**



Soccer Field Design By The Numbers

■ Soccer Field/Softball Footprint	3 acres
■ Field Width Minimum	50 yards
■ Field Width Maximum	100 yards
■ Field Length Minimum	100 yards
■ Field Length Maximum	130 yards
<i>Source: FIFA Laws of the Game 2007</i>	
■ Recommended Field Footprint (minimum)	124 x 84 yards
■ For Adult and Older Youth (absolute minimum)	65 x 100 yards
Final Size of Footprint with Sidelines, Goals, etc.	74 x 107 yards
■ For Younger Youth (absolute minimum)	50 x 80 yards
Final Size of Footprint with Sidelines, Goals, etc.	59 x 87 yards
■ Distance Between Fields	10-20 yards

- Allow for two small-sided fields to be set up on a full-size field.
- Excellent “rotation” for natural grass fields: Older youth field for one season, two U-10 fields for the next season.
- Be sure to rotate natural grass fields often.
- Make your field footprint larger than a true field, so you can move your field around to reduce wear.
- If bleachers are added, measurements must be added to the width.

■ Service Roads — width	8-10 feet
■ Parking Spaces — per field (minimum)	45
■ Parking — each space	9 x 18 feet
■ Parking — single side with room to back out & turn	9 x 40 feet
■ Parking — on two sides with a single center lane	9 x 60 feet
■ Fence Height — behind goals	10-12 feet
■ Fence Height — along sidelines	6-10 feet
■ Bathroom Stalls — per field (minimum)	2

- Bring in port-a-johns for tournaments.

Footprint dimensions if you will be including baseball or softball in your complex:

- Little League baseball & girls softball: An infield dirt area of 120 feet and a home plate to outfield fence of 200 feet. With foul territory, backstops, etc., the actual minimum dimensions of the square are 225 x 225 feet.
- Adult and older teen baseball: A 190-foot infield and a home plate to center field of at least 340 feet. Actual minimum dimensions of the square are 360 x 360 feet.

Source: Association of Sports Field Users



● Parking is important. Plan access roads, lots, signage and traffic flow carefully.

● Have patience. Don't settle for something less than what you know you will need.

ARTICLE 3.9 PLANNED RESIDENTIAL DEVELOPMENTS (PRD) (Ord. No. 95-04, 2/28/95; Amended Ord. No. 95-28, 11/28/95; Ord No. 2001-10, 4/10/01; Ord. No. 2004-13, 9/28/04; Ord. No. 2011-04, 01/11/11; Ord. No. 2012-10, 12/11/12; Ord. No. 2014-14, 09/09/14; Ord. No. 2015-11, 07/28/15)

3.9.1 PURPOSE AND INTENT

It is hereby declared to be the intent and purpose of the City Council in authorizing and establishing provisions relating to Planned Residential Developments (PRD):

1. To provide an alternative form of development for residential housing projects within the City which permits increased flexibility and encourages the preservation of open space and ingenuity in design while preserving a quality of residential amenities equal or superior to that possible under conventional subdivision requirements. In order to qualify for approval as a PRD, the proposed project must demonstrate that it will:
 - A. adequately recognize and incorporate natural conditions present on the site;
 - B. efficiently utilize the land resources and provide increased economy to the public in the delivery of municipal services and utilities;
 - C. provide increased variety in the style and quality of residential dwellings available within the City;
 - D. preserve open space to meet the recreational, scenic, and public service needs; and
 - E. do all the above in a manner which is consistent with the objectives of the underlying zone and under conditions which will result in the creation of residential environments of sustained desirability.
2. To establish criteria and standards for the design of PRD projects by developers and also guidelines for evaluation by the City. It shall be the City's sole discretion to decide if a project should be a PRD within the intent of the ordinance as noted above. The Planning Commission shall make a recommendation to the City Council and the City Council shall make the final decision in deciding whether a project should be a PRD prior to a concept approval being given.
3. To set forth the duties and responsibilities of developers and residents with respect to the approval, construction, and maintenance of such projects.
4. To clearly establish the relationship of the City and the developer with respect to the review and approval of such projects.
5. PRDs are permitted only in the CR-20,000, CR-40,000, CE-5, and CE-50 zones.

3.9.2 PERMITTED USES. The following buildings, structures, and uses of land may be permitted within a PRD:

1. Any use permitted within the underlying zone and those authorized under this section.
2. Common areas and recreational facilities (public and private) including, but not limited to, golf courses, swimming pools, tennis courts, club houses, recreational buildings, landscape parks and similar recreational facilities for the use and enjoyment of the residents.
3. Streets, fences, walls, utility systems and facilities, common storage areas, ponds, landscape features and similar uses and structures incidental to the main use.

3.9.3 MINIMUM PROJECT AREA. No minimum project area will be required. (Amended by Ord. 2012-10, 12/11/12)

3.9.4 OPEN SPACE (Amended by Ord. No. 2005-02, 2/8/05; Ord. No. 2014-14, 9/9/14; Ord. No. 2015-05, 04/14/15)

1. A portion of each project area shall be set aside and maintained as designated open space. The minimum amount of a project area to be set aside as designated open space shall be as set forth in the following schedule:

Minimum Open Space Required

Zone District	Minimum % of Total Project Area Required as Open Space
CR-20,000	25%
CR-40,000	25%
CE-5	50%
CE-50	50%

2. The designated open space areas may include natural open space, (applicable to steep hillside, wetland, flood plain area etc.) and developed useable open space areas, or a combination thereof.
3. Notwithstanding the minimum open space requirements set forth under Section 3.9.4 #1, the designated open space area shall include and contain all 100 year flood plain areas, defined floodways, all avalanche and rock fall hazard areas, all areas having a slope of twenty five (25) percent or greater, or any other area of known significant physical hazard for development.
 - A. An exception may be made with a recommendation by the Planning Commission to the City Council with the final determination to be made by the City Council that up to 5% of an individual lot may contain ground having a slope of more than 25% in the CR-20,000 and CR-40,000 zones as long as the lot can meet current ordinance.
 - B. An exception may be made that an individual lot may contain up to 15% of the lot having a slope of more than 25% in the CE-5 and CE-50 zone as long as the lot can meet current ordinance without the exception. The exception shall be recommended by the City Engineer to the Planning Commission, and a recommendation by the Planning Commission to the Alpine City Council with the final determination to be made by the City Council. (Ord. 2005-02, 2/8/05)
 - C. An exception may be made with a recommendation by the Planning Commission to the City Council with the final determination to be made by the City Council that an individual lot may contain up to another 5% of the lot (on top of the percentage as mentioned in Sections 3.9.4.3.A or 3.9.4.3.B) having a slope of more than 25% if it can be shown that the extra percentage of area acquired is being used to straighten and eliminate multiple segmented property lines as long as the lot can meet current ordinance.
4. The designated open space area shall be maintained so that its use and enjoyment as open space are not diminished or destroyed. The City will have sole discretion in determining if open space is held in private or public ownership. To assure that all designated open space area will remain as open space, the applicants/owners shall:
 - A. Dedicate or otherwise convey title to the open space area to the City for open space

purposes;

- B. Convey ownership of the open space area to the homeowners association established as part of the approval of the PRD or to an independent open space preservation trust organization approved by the City.

In the event this alternative is used, the developer shall also execute an open space preservation easement or agreement with the City, the effect of which shall be to prohibit any excavating, making additional roadways, installing additional utilities, constructing any dwellings or other structures, or fencing or conducting or allowing the conduct of any activity which would alter the character of the open space area from that initially approved, without the prior approval of the City. The appropriate method for insuring preservation shall be as determined by the City at the time of development approval; or

- C. A combination of A and B above.

- 5. Where the proposed open space includes developed or useable space or facilities (tennis courts, pavilions, swimming pools) intended for the use by project residents, the organizational documents shall include provisions for the assessment of adequate fees and performance guarantees required to secure the construction of required improvements including the costs of installation of all landscaping and common amenities.
- 6. A detailed landscaping plan showing the proposed landscape treatment of all portions of the project proposed to be developed as, useable, common open space shall be submitted as part of the submittal documents.

3.9.5 DENSITY - DETERMINATION OF MAXIMUM BASE DENSITY - DENSITY BONUS PERMITTED

- 1. Maximum Total Density of Project. The total number of dwelling units permitted in a PRD (Maximum Total Density) shall be the sum of the Maximum Base Density Units, determined in accordance with the provisions of Paragraph 2 below, plus any Density Bonus Units which may be approved in accordance with the provisions of Paragraph 3 below.
- 2. Base Density. The Base Density for a project area shall be determined by the City upon a detailed slope analysis of the proposed project area in accordance with the following schedule. Calculations ending a fraction shall be rounded to the nearest whole number.

Base Density (in acres per dwelling unit)

Percent of Slope	CR-20,000	CR-40,000	CE-5	CE-50
0 - 9.9%	.58 acre/unit	1.00 acre/unit	5.00 acres/unit	50.00 acres/unit
10 – 14.9%	.86 acre/unit	1.50 acres/unit	7.50 acres/unit	50.00 acres/unit
15 – 19.9%	1.15 acres/unit	2.00 acres/unit	15.00 acres/unit	50.00 acres/unit
20 – 24.9%	1.72 acres/unit	3.00 acres/unit	30.00 acres/unit	50.00 acres/unit
25 – 29.9%	2.30 acres/unit	4.00 acres/unit	50.00 acres/unit	50.00 acres/unit
30+%	5.00 acres/unit	5.00 acres/unit	50.00 acres/unit	50 acres/unit

Example of Base Density Slope Calculations (amended by Ord. 2004-13 on 9/28/04)

Example: 25 acres in the CR-20,000 zone

Percent of Slope	Area within Slope Range (acres)	Required Area per Dwelling Unit (acres)*	Allowable Lots**
0 - 9.9%	7.5	0.58	12.93103448
10 - 14.9%	5.5	0.86	6.395348837
15 - 19.9%	4	1.15	3.47826087
20 - 24.9%	3.5	1.72	2.034883721
25 - 29.9%	2.5	2.3	1.086956522
30 + %	2	5	0.4
Total	25		26.3

* Required area per dwelling is found in the table under Section 3.9.5 #2.

** Allowable lots is determined by dividing the area within the slope range by the required area per dwelling unit. For example, in the slope range 0-9.9% divide 7.5 (area within slope range) by 0.58 (required area per dwelling unit).

3. Bonus Density.

A bonus density may be granted by the City Council to a PRD project subject to the prior recommendation of the Planning Commission and a finding that the density bonus is justified. The maximum bonus density eligible for award for a specific project shall be as set forth in the following schedule. The cumulative maximum bonus amount shall not exceed the percentages shown in the public open space column in the following schedule.

Maximum Bonus Amount

Zone District	Percentage of Base Density	
	Public Open Space	Private Open Space
CR-20,000	20%	10%
CR-40,000	25%	10%
CE-5	30%	10%
CE-50	0%	0%

- A. Natural Open Space Bonus Density. Any award of bonus density for natural open space shall be as determined by the City in accordance with the following density bonus criteria.

By providing additional natural open space in excess of the minimum requirement, a developer may receive 1% of the base density for each 1% of additional natural open space dedicated. Private open space will receive 50% less bonus density.

Examples of Bonus Density

25 acres in the CR-20,000 zone with 5% slope and developer donates additional 2.5 acres of natural open space.

Base Density:

To determine the base density, divide 25 (area within slope range) by 0.58 (required area per dwelling unit). Base Density = $25/0.58 = 43.103$. Round to the nearest whole number and base density is 43 lots.

Bonus Density:

If the developer donates 2.5 acres (10% of total acreage) of additional land as natural open space, he will receive a 10% bonus (1% of additional natural open space = 1% of the base density as a bonus). To calculate the bonus density, multiply 43 lots (base density) by 10% which equals 4.3. Round to the nearest whole number and the bonus density is 4 lots for a total of 47 lots (43 base density lots + 4 bonus density lots).

25 acres in the CR-40,000 zone with 5% slope and developer donates additional 2.5 acres of natural open space.

Base Density:

To determine the base density, divide 25 (area within slope range) by 1.00 (required area per dwelling unit). Base Density = $25/1.00 = 25$. Base density is 25 lots.

Bonus Density:

If the developer donates 2.5 acres (10% of total acreage) of additional land as natural open space, he will receive a 10% bonus (1% of additional natural open space = 1% of the base density as a bonus). To calculate the bonus density, multiply 25 lots (base density) by 10% which equals 2.5. Round to the nearest whole number and the bonus density is 3 lots for a total of 28 lots (25 base density lots + 3 bonus density lots).

B. Developed Open Space Bonus

Developed useable open space shall be determined on a case-by-case basis and evaluated by the Planning Commission. Development may include one or more of the following or other items as the Planning Commission may determine: landscaping, including lawns, trees, shrubbery, sprinkler systems, drip watering systems, etc.; other amenities may include such things as park benches, playground equipment, walking paths, etc.

By providing additional developed useable open space in excess of the minimum requirement, a developer may receive 3% of the base density as a bonus for each 1% of additional developed useable open space dedicated. Private open space will receive 50% less bonus density.

Examples of Developed Open Space Bonus

25 acres in the CR-20,000 zone with 5% slope and developer donates additional 1 acre of developed open space.

Base Density:

To determine the base density, divide 25 (area within slope range) by 0.58 (required area per dwelling unit). Base Density = $25/0.58 = 43.103$. Round to the nearest whole number and the base density is 43 lots.

Bonus Density:

If the developer donates 1 acre (4% of total acreage) of additional developed open space, he will receive a 12% bonus (for each 1% of additional developed open space, the developer may receive 3% of the base density as a bonus – 4% extra is being given so $4\% \times 3\% = 12\%$). To calculate the bonus density, multiply 43 lots (base density) by 12% which equals 5.16. Round to the nearest whole number and the bonus density is 5 lots for a total of 48 lots (43 base density lots + 5 bonus density lots).

25 acres in the CR-40,000 zone with 5% slope and developer donates additional 1 acre of developed open space.

Base Density:

To determine the base density, divide 25 (area within slope range) by 1.00 (required area per dwelling unit). $\text{Base Density} = 25/1.00 = 25$. Round to the nearest whole number and the base density is 25 lots.

Bonus Density:

If the developer donates 1 acre (4% of total acreage) of additional land as developed open space, he will receive a 12% bonus (for each 1% of additional developed open space, the developer may receive 3% of the base density as a bonus – 4% extra is being given so $4\% \times 3\% = 12\%$). To calculate the bonus density, multiply 25 lots (base density) by 12% which equals 3. Round to the nearest whole number and the bonus density is 3 lots for a total of 28 lots (25 base density lots + 3 bonus density lots).

The developed open space bonus may be used in conjunction with the natural open space bonus in any combination up to the maximum bonus allowed.

3.9.6 DWELLING CLUSTERS - LOT SIZE - BUILDABLE AREA - SETBACK

1. All lots shall be located within a designated development cluster. A project may contain more than one development cluster. Each cluster shall contain not less than three (3) separate lots (except for developments having fewer than 3 lots for the entire development). Where a project contains land located within and outside the Sensitive Lands Overlay Zone, development clusters will be located outside of the Sensitive Lands Overlay Zone, to the maximum extent possible. No portion of lots within a PRD shall be located on lands which are required to be designated as open space.

2. (Ord. 97-23: 9/24/97) The size of each individual lot shall conform to the following:

Minimum Lot Size

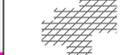
Zone District	Minimum Lot Size
CR-20,000	10,000 square feet
CR-40,000	20,000 square feet
CE-5	20,000 square feet
CE-50	N/A

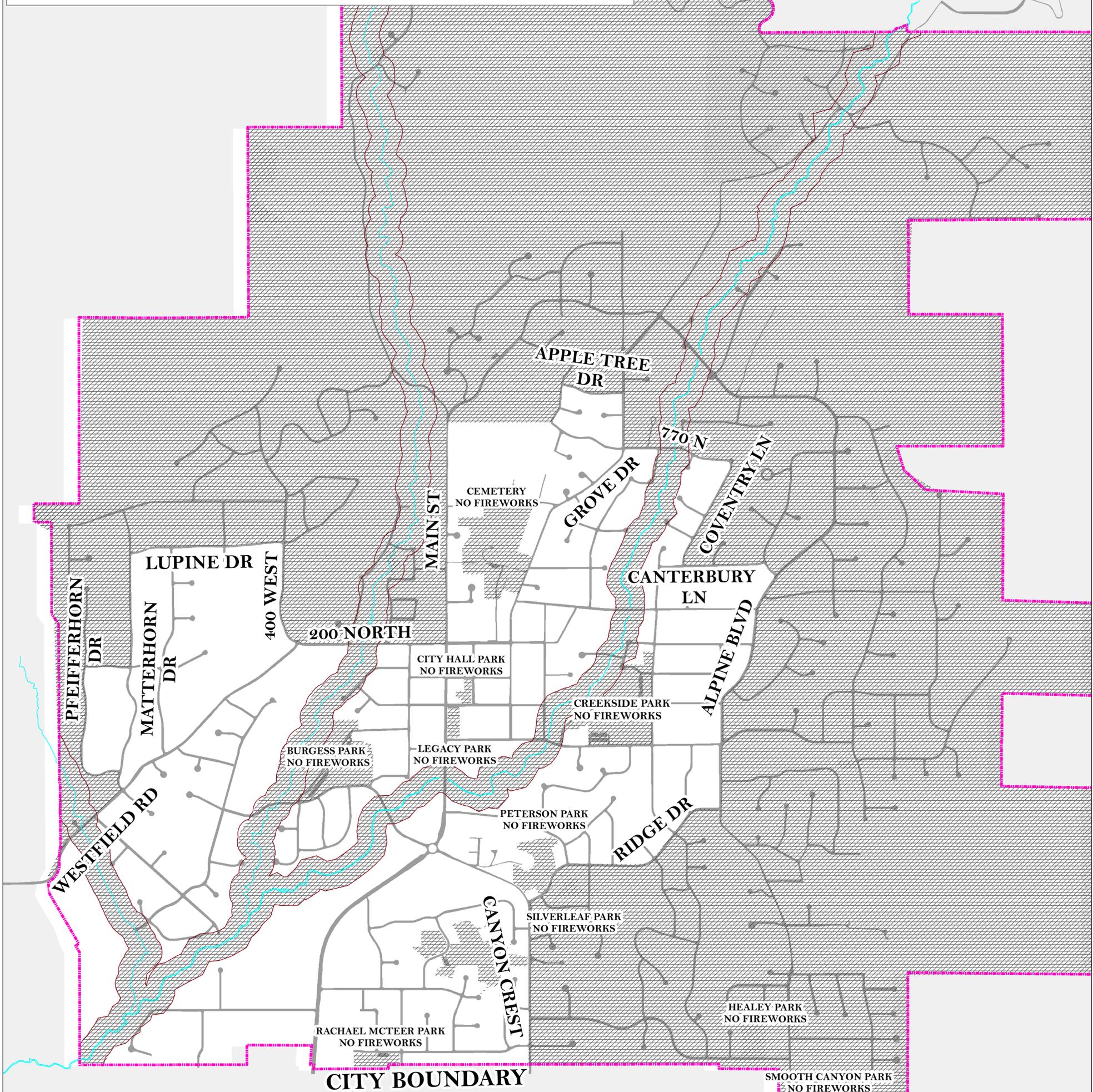
3. (Ord 97-02, 2/25/97). Each individual lot shall contain at least one Designated Buildable Area of not less than five-thousand (5,000) square feet. All dwellings and other habitable structures and accessory buildings shall be located within the Designated Buildable Area.

FIRE RESTRICTIONS EFFECTIVE 4/10/2018:

- NO FIREWORKS IN CITY PARKS
- NO FIREWORKS WITHIN 200' OF ANY STREAM BED
- ALL FIREWORKS ARE PROHIBITED IN THE AREAS DESIGNATED "FIREWORKS BAN 2018" AS SHOWN ON THIS MAP
- FOR THE UNMARKED AREA WITHIN CITY LIMITS, FOLLOW STATE LAWS REGARDING FIREWORKS
- FOR AREAS OUTSIDE THE CITY LIMITS, PLEASE REFER TO THE APPROPRIATE GOVERNING BODY FOR FIRE / FIREWORKS REGULATIONS

Legend

-  Streams - Fort & Dry Creek
-  200' Stream Buffer
-  Fireworks Ban 2018
-  Other / County / F.S. Lands



Alpine City FIRE RESTRICTIONS 2018



ADOPTED BY ALPINE CITY COUNCIL 4-10-18

ALPINE CITY COUNCIL AGENDA

SUBJECT: Maintenance of open space

FOR CONSIDERATION ON: June 26, 2018

PETITIONER: Staff

ACTION REQUESTED BY PETITIONER: Discuss proposed maintenance of open space

INFORMATION: Last Saturday on June 16th, there was a small fire in the Willow Canyon area when a resident began weeding in the open space adjacent to his residence, and a spark started a fire in dry grass. It was quickly controlled but with plenty of dry weeks ahead of us, staff feels it is important to have a unified approach to open space maintenance and the expectations for homeowners living next to open space.

RECOMMENDED ACTION: *Determine the best way to approach open space maintenance.*

ALPINE CITY COUNCIL AGENDA

SUBJECT: Parking Proposal – Smooth Canyon Park and Lambert Park

FOR CONSIDERATION ON: 26 June 2018

PETITIONER: Staff

ACTION REQUESTED BY PETITIONER: Approve proposals for expanded parking at Smooth Canyon Park and Lambert Park.

BACKGROUND INFORMATION:

Expanded parking has been proposed for Smooth Canyon Park and Lambert Park. On June 19, 2018 a public hearing was held at the Planning Commission meeting. Public input was received at the meeting and the Planning Commission failed to make a recommendation:

MOTION: Alan Macdonald moved to deny the proposal of additional parking at Smooth Canyon. He would like a feasibility study done and additional areas looked at for parking.

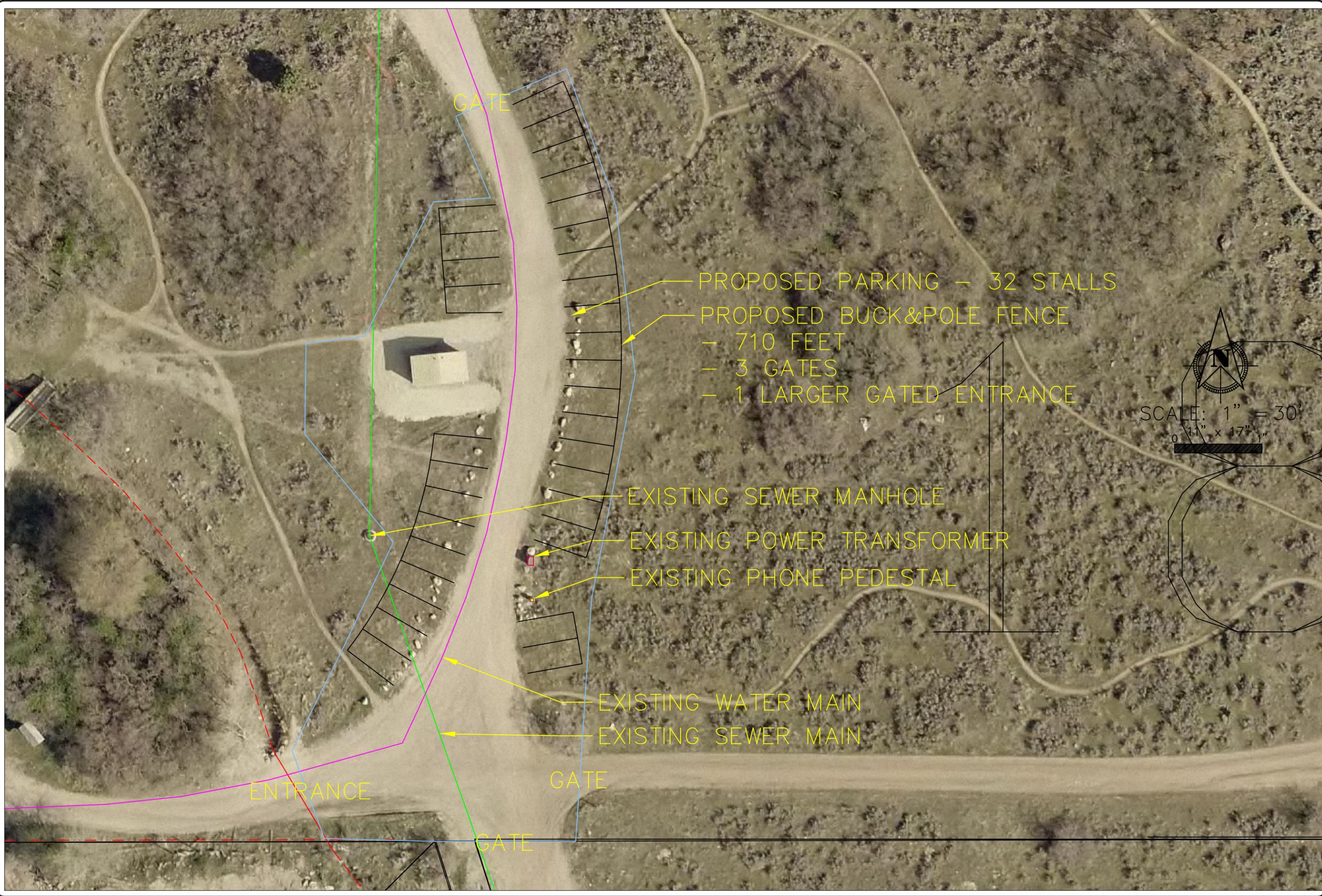
Sylvia Christiansen seconded the motion. The motion failed with 3 Ayes John MacKay, Sylvia Christiansen, Alan Macdonald. 2 Nays, John Gubler, Bryce Higbee

MOTION: Alan MacDonald moved to recommend approval of the proposed parking at Lambert Park.

John Gubler seconded the motion. The motion failed with 3 Ayes, Alan MacDonald, Bryce Higbee and John Gubler and 2 Nay, John Mackay and Sylvia Christiansen.

STAFF RECOMMENDATION:

Approve the proposed parking improvement plans.



PROPOSED PARKING — 32 STALLS
 PROPOSED BUCK&POLE FENCE — 710 FEET
 — 3 GATES
 — 1 LARGER GATED ENTRANCE

EXISTING SEWER MANHOLE
 EXISTING POWER TRANSFORMER
 EXISTING PHONE PEDESTAL

EXISTING WATER MAIN
 EXISTING SEWER MAIN



REMARKS
1. Revised (7-7-10) Profile Labels for SDMH-A2 & SDMH-B4

--

LAMBERT SOUTH PARKING
 May, 2018
 CONCEPT DESIGN

Engineering File Number: —

Drawing: —

Sheet: 1 of 1

TRAIL RE-ALIGNMENT

- 74 PROPOSED PARKING STALLS
- 21 EXISTING STALLS



SCALE: 1" = 30'
0 11" x 17" 1"

REMARKS

1. Revised (7-7-10) Profile Labels for SDMH-A2 & SDMH-B4

7-7-10

SMOOTH CANYON PARKING
May, 2018

Parking & Playground CONCEPT

Engineering File Number:
-

Drawing: -

Sheet: 1 of 1

ALPINE CITY COUNCIL AGENDA

SUBJECT: Retaining Wall Exception

FOR CONSIDERATION ON: 26 June 2018

PETITIONER: Michael Pratt

ACTION REQUESTED BY PETITIONER: Approve exception for retaining wall.

BACKGROUND INFORMATION:

The petitioner, Michael Pratt, has submitted a request for an exception to the retaining wall height ordinance (9 feet maximum) for the property located at 663 West Ranch Circle. Plans for the proposed retaining wall show a height of 12 feet.

Planning Commission has reviewed the exception and made a recommendation:

MOTION: John Gubler recommends approval of the Michael Pratt Retaining Wall Exception

Alan Macdonald seconded the motion. The motion passed with 5 Ayes and 0 Nays. Bryce Higbee, Alan MacDonald, John Mackay, John Gubler and Sylvia Christiansen all voted Aye.

STAFF RECOMMENDATION:

Approve concrete retaining wall as proposed.

Memo



To: Alpine City Planning Commission
From: Jed Muhlestein, P.E. *JM*
City Engineer
Date: June 6, 2018
Subject: Retaining Wall Exception Request – Pratt Residence
663 West Ranch Circle

Alpine City has received a request for an exception to the maximum height of a single retaining wall, which is nine (9) feet. The building permit is for a concrete retaining wall which shows a height of twelve (12) feet. The following are two excerpts from Article 3.32 of the development code:

3.32.2 EXCEPTIONS FROM ARTICLE 3.32. *The City Council may grant an exception from these standards. Prior to the City Council considering the exception, the City Engineer shall submit a written recommendation to the Planning Commission. The recommended exception shall be based on generally accepted engineering practices. The Planning Commission shall review the recommendation and advise the City Council as to whether or not the exception should or should not be granted.*

3.32.3 PURPOSE AND INTENT.

5. Height, Separation and Plantings.

1. *For the purposes of this subsection, the height of a retaining wall is measured as exposed height (H) of wall of an individual tier.*
2. *A single retaining wall shall not exceed nine feet in height if exposed or can be seen from the nearest public right-of-way to which it is exposed.*

Engineering has reviewed the permit, visited the site, and recommends approval of the concrete retaining wall based on two items. First, calculations have been submitted for a concrete retaining wall design which show it can be safely constructed to that height. These calculations will be independently reviewed prior to issuing a building permit. Second, the wall will not be seen from the nearest public right of way. Even in the current un-landscaped situation, the wall would be hidden from public view. See attached pictures.

Attached:

- Building Permit site plan
- Views from Ranch Circle (nearest public right of way)
- Article 3.32 – Retaining Walls

Alpine City Engineering
20 North Main • Alpine, Utah 84004
Phone/Fax: (801) 763-9862
E-mail: jed@alpinecity.org

Reinforced Concrete Retaining Wall

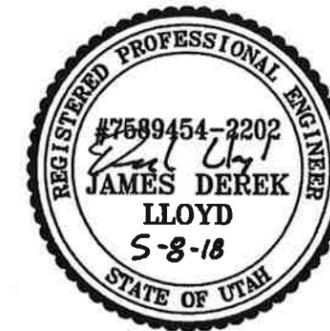
Pratt Residence

Alpine, Utah
2018-05-03

Prepared For:

Sunline Landscaping

Contact: Curtis Atkinson
801-201-1141

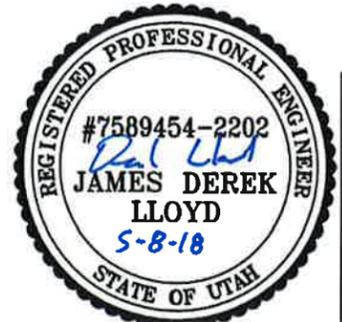
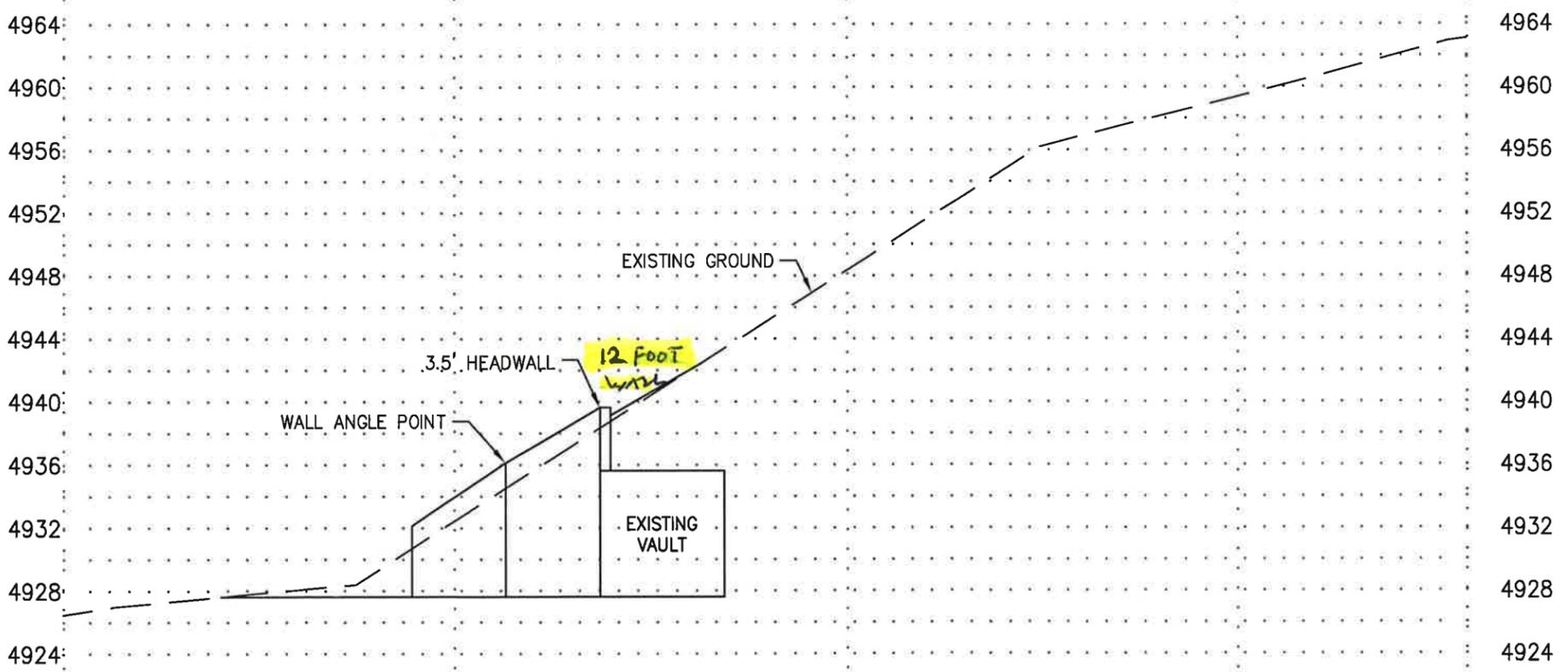
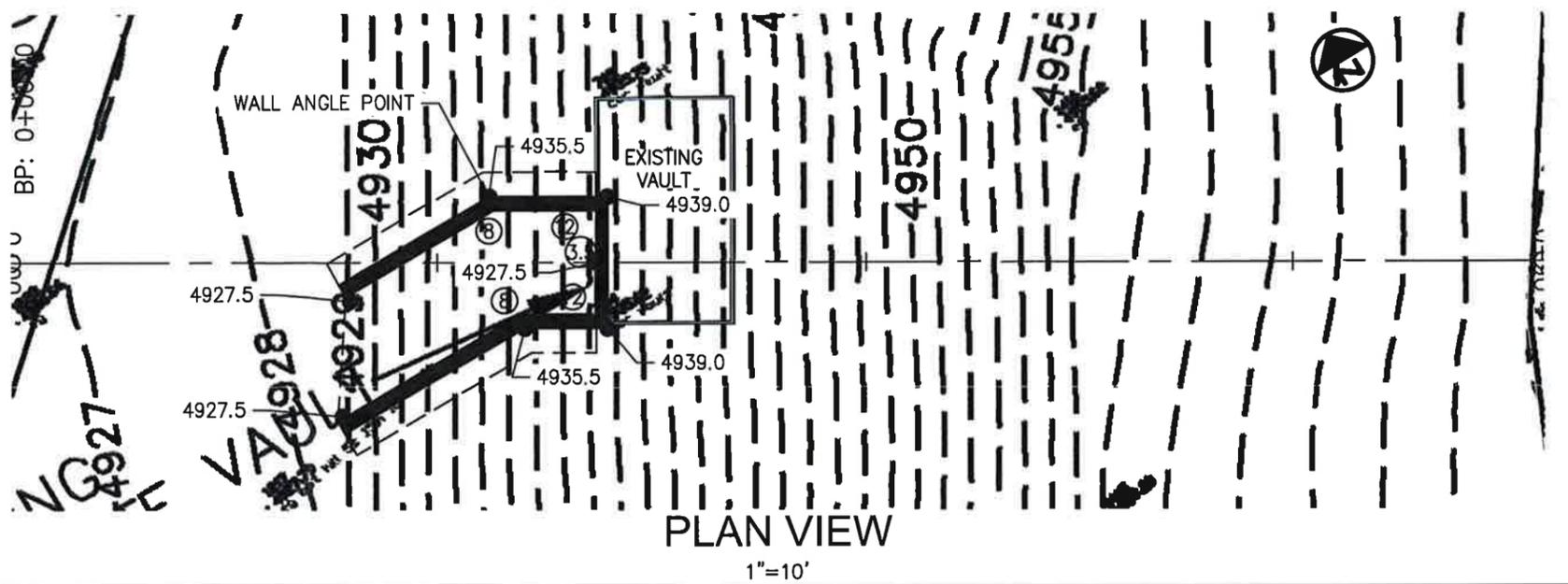
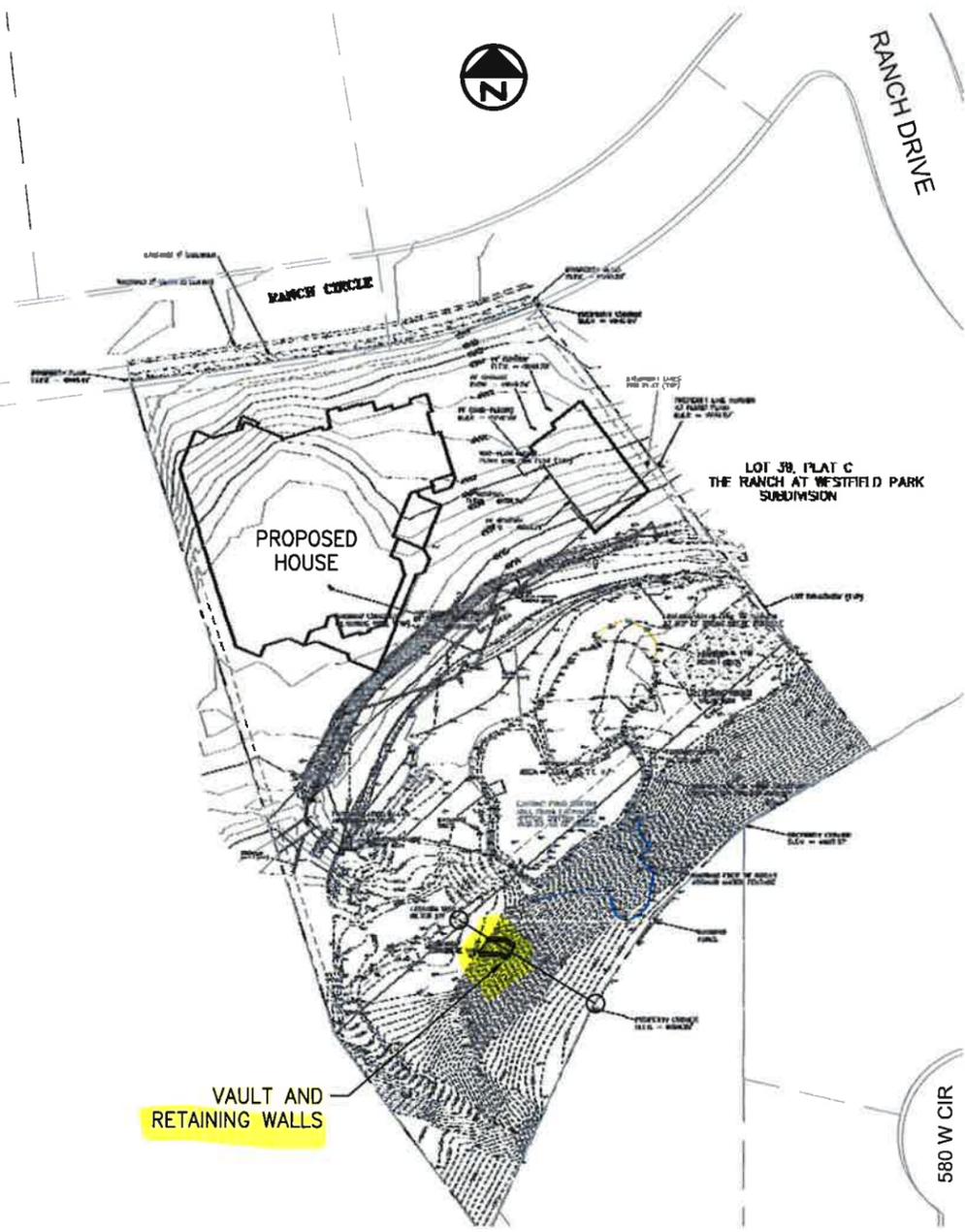


Prepared By:



Wilding Engineering, Inc.

14721 South Heritage Crest Way
Bluffdale, UT 84065
Contact: Derek Lloyd
801-553-8112

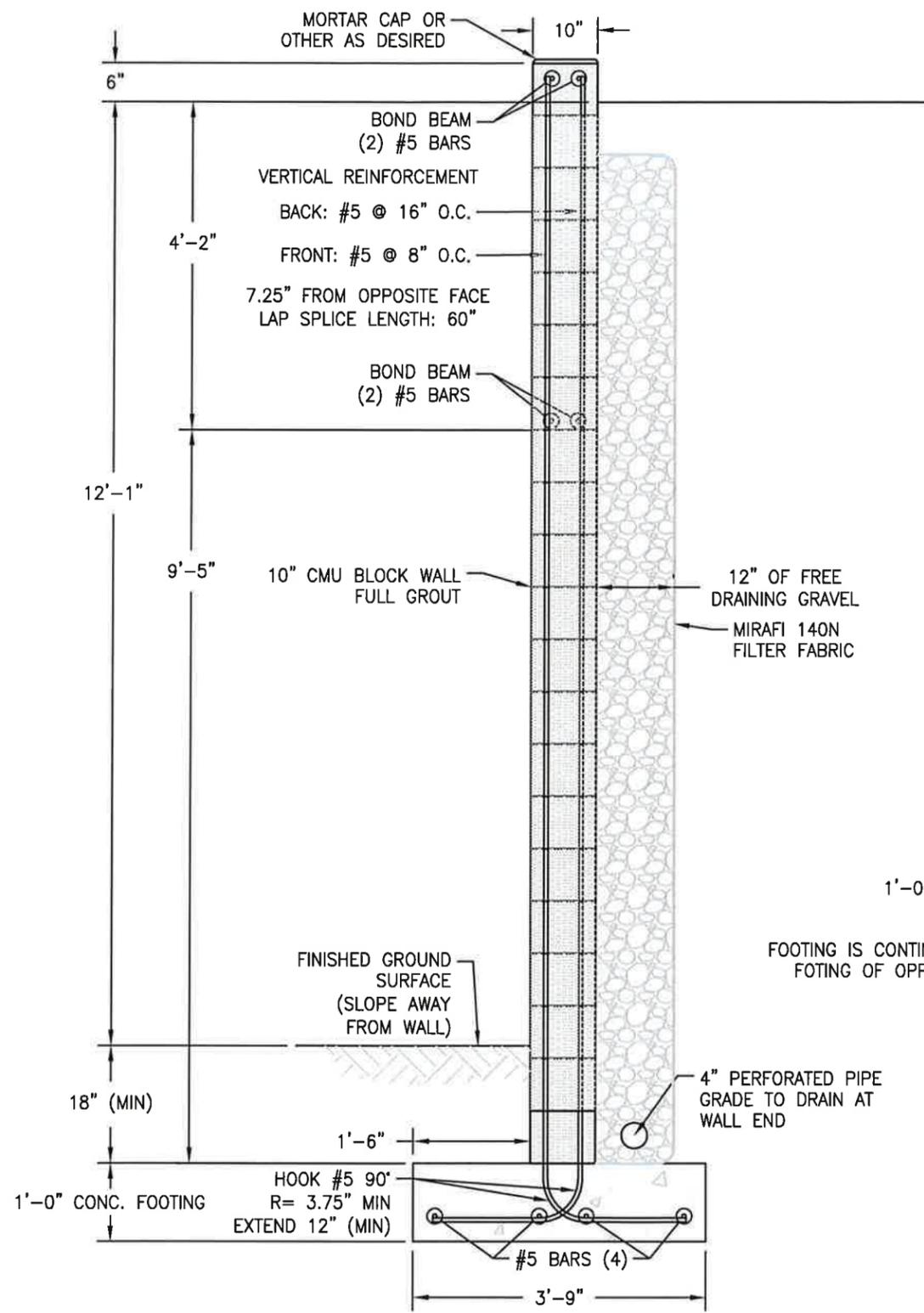


WILDING ENGINEERING, INC
 14721 SOUTH HERITAGE CREST WAY
 BLUFFDALE, UTAH 84065
 (801)553-8112

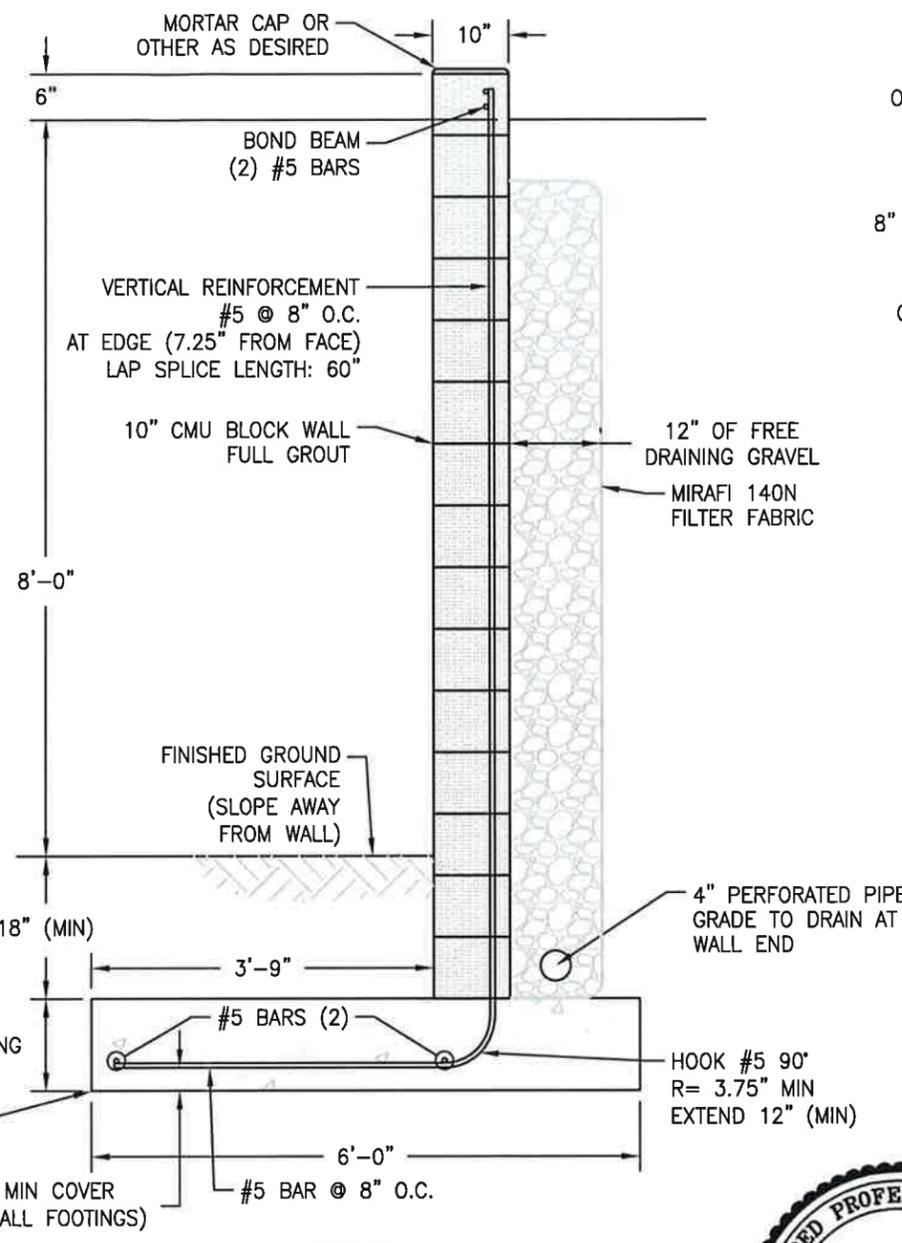
NO.	REVISION	DATE

DRAWING TITLE RETAINING WALLS	PROJECT NAME PRATT RESIDENCE
LOCATION 663 W RANCH CIR	DRAWN JDL CHECKED MEC
ALPINE, UTAH	

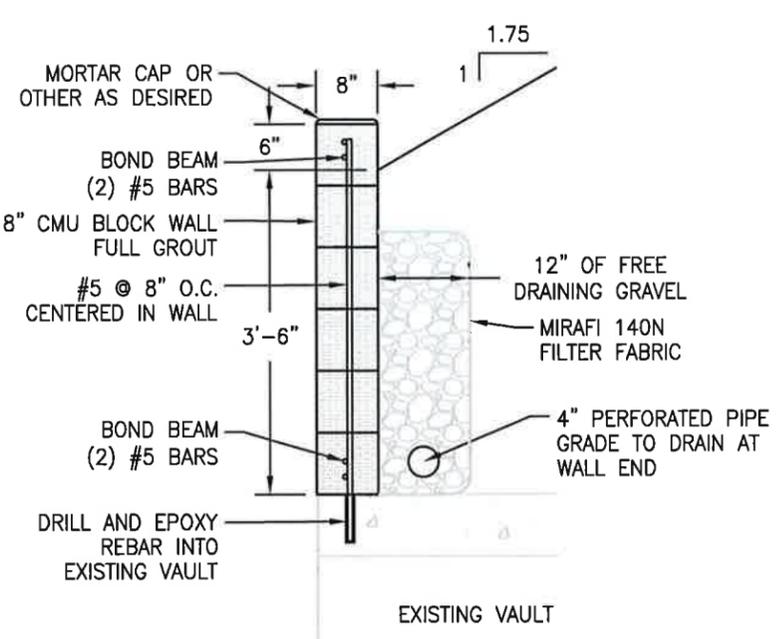
DATE 05/04/2018
SCALE AS SHOWN
SHEET D-1
FILE NAME: G:\DATA\18096\DWG\18096 BASE.DWG



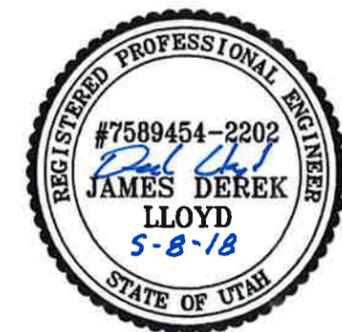
12' WALL
SCALE 1/2" = 1'



8' WALL
SCALE 1/2" = 1'



4' HEADWALL
SCALE 1/2" = 1'

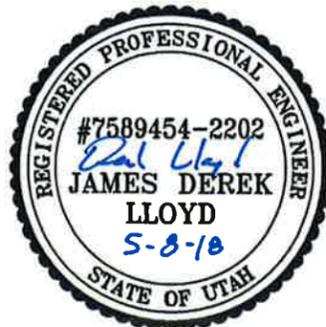


NO.	REVISION	DATE	DRAWING TITLE	PROJECT NAME	DATE
			RETAINING WALLS	PRATT RESIDENCE	05/04/2018
			LOCATION	DRAWN	CHECKED
			663 W RANCH CIR	JDL	MEC
			ALPINE, UTAH	FILE NAME:	SHEET
				G:\DATA\18096\DWG\18096 BASE.DWG	D-2

RETAINING WALL NOTES:

1. REINFORCEMENT: ASTM A 615, GRADE 60, DEFORMED STEEL ROD. PLACE STEEL PER CRSI MANUAL OF STANDARD PRACTICE.
2. CONCRETE: USE CLASS 3,000 PORTLAND CEMENT CONCRETE.
3. CHAMFER ALL EXPOSED CONCRETE EDGES.
4. PROVIDE 30" MINIMUM COVER FROM FINISHED GROUND TO BOTTOM OF FOOTING. STEP FOOTING AS NECESSARY TO MAINTAIN MINIMUM COVER.
5. MINIMUM CONCRETE COVER OVER REINFORCEMENT:
 - 5.1. PROVIDE 3" MIN CONCRETE COVER TO REINFORCEMENT IN CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.
 - 5.2. PROVIDE 2" MIN CONCRETE COVER TO #6 AND LARGER REINFORCEMENT IN CONCRETE EXPOSED TO EARTH OR WEATHER.
 - 5.3. PROVIDE 1.5" MIN CONCRETE COVER TO #5 AND SMALLER REINFORCEMENT IN CONCRETE EXPOSED TO EARTH OR WEATHER.
6. REINFORCEMENT SHALL BE CONTINUOUS THROUGH ANY CHANGES IN ALIGNMENT.
7. CONCRETE MASONRY UNIT (CMU) BLOCK: MEDIUM WEIGHT SOLID GROUTED
8. CMU MORTAR: TYPE M OR TYPE S MORTAR.
9. CMU GROUT: 2000 PSI (COMPRESSIVE STRENGTH AT 28 DAYS.)
10. REINFORCEMENT IN BLOCK TO BE PLACED AT EDGE WITH 2 MIN CLEARANCE TO EARTH AND 1/4" CLEARANCE BETWEEN REBAR AND MASONRY IF USING FINE GROUT OR 1/2" USING COARSE GROUT.
11. NATIVE MATERIAL UNDER FOOTING TO BE DISTURBED MINIMALLY DURING EXCAVATION. SEE SOILS REPORT FOR FILL PLACEMENT AND COMPACTION FOR FOOTINGS BEARING ON FILL MATERIAL.
12. NATIVE MATERIAL TO BE EXCAVATED WITH BENCHES CONSTRUCTED INTO THE SLOPE PRIOR TO PLACEMENT OF FILL.
13. A SHEET DRAIN MAY BE SUBSTITUTED FOR THE WRAPPED GRAVEL DRAIN LOCATED BEHIND THE RETAINING WALL. USE AMERICAN WICK DRAIN SHEET DRAIN AND STRIP DRAIN INSTALLED TO DRAIN TO WEEP HOLES PER MANUFACTURERS DIRECTIONS. OTHER PRODUCTS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
14. INSPECTION SCHEDULE: RETAINING WALLS SHALL BE INSPECTED BY THE ENGINEER OF RECORD AFTER EACH OF THE FOLLOWING STAGES OF CONSTRUCTION ARE COMPLETE:
 - 14.1. SUB-GRADE PREPARATION
 - 14.2. FORMWORK AND REINFORCEMENT PLACEMENT (PRIOR TO CONCRETE POUR.)
 - 14.3. BLOCK AND REINFORCEMENT PLACEMENT (PRIOR TO GROUTING.)
 - 14.4. DRAINAGE SYSTEM PLACEMENT (PRIOR TO BACKFILL.)
 - 14.5. COMPLETION OF WORK.

SITE ADDRESS: 663 W RANCH CIR, ALPINE, UT
 Ss: 1.254g
 PGA: 0.54g
 Kh= 0.27g
 BACK FILL SOIL: NATIVE SITE SOILS
 127 PCF, EQUIVALENT FLUID PRESSURE (ACTIVE)= 35', F= 0.4
 NATIVE SOILS: CLAYEY SAND (SC)
 BEARING: 2500 PSF STATIC, 3333 PSF SEISMIC
 NO SURCHARGE, NO BACK SLOPE EXCEPT ON HEADWALL



NO.	REVISION	DATE

DRAWING TITLE	RETAINING WALLS
LOCATION	663 W RANCH CIR
	ALPINE, UTAH

PROJECT NAME	PRATT RESIDENCE
DRAWN	JDL
CHECKED	MEC
FILE NAME:	G:\DATA\18096\DWG\18096 BASE.DWG

DATE	05/04/2018
SCALE	NA
SHEET	D-3

**VIEW FROM RANCH CIRCLE
LOOKING SOUTH EAST**

**Approximate location of wall is at the base of
and behind trees, unviewable from this location**



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20 North Main • Alpine, Utah 84004
Phone/Fax: (801) 763-9862
E-mail: jed@alpinecity.org

**VIEW FROM RANCH CIRCLE
LOOKING SOUTH WEST**

**Approximate location of wall is at the base of
and behind trees, un-viewable from
this location**



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ARTICLE 3.32 RETAINING WALLS (Ord. No. 2015-07, 06/09/15)

3.32.1 APPLICABILITY. This section applies to all retaining walls as defined in Article 3.1.11.45

3.32.2 EXCEPTIONS FROM ARTICLE 3.32. The City Council may grant an exception from these standards. Prior to the City Council considering the exception, the City Engineer shall submit a written recommendation to the Planning Commission. The recommended exception shall be based on generally accepted engineering practices. The Planning Commission shall review the recommendation and advise the City Council as to whether or not the exception should or should not be granted.

3.32.3 PURPOSE AND INTENT. The purpose of this ordinance and the intent of the City Council in its adoption is to promote the health and safety and general welfare of the present and future inhabitants of Alpine City. The ordinance will accomplish this purpose by:

1. Building Permit Required. Except as otherwise provided in Subsection (2), all retaining walls require a building permit prior to construction or alteration. Permit applications shall be processed and issued in accordance with building permit procedures and applicable provisions of this section. Building permit review fees will be assessed and collected at the time the permit is issued.
2. Building Permit Exemptions. The following do not require a building permit:
 1. Retaining walls less than four feet in exposed height with less than 10H:1V (Horizontal: Vertical) front and back slopes within ten feet of the wall;
 2. Non-tiered retaining walls less than four feet in exposed height with back slopes flatter than or equal to 2H:1V and having front slopes no steeper than or equal to 4H:1V;
 3. Double tiered retaining walls less than three feet in exposed height per wall and which have front slopes and back slopes of each wall no steeper than or equal to 10H:1V within ten feet of the walls, 1.5 foot spacing between front face of the upper wall and back edge of the lower wall;
 4. Retaining walls less than 50 square feet in size, less than 4 feet tall.
3. Geologic Hazards. If construction of any retaining wall, which requires a building permit, occurs within sensitive land areas as outlined by Article 3.12, then all analyses required for the design of retaining walls or rock protected slopes shall follow the Sensitive Lands Ordinance, specifically in regards to limits of disturbance and the required geologic hazard and engineering geology reports (3.12.6.4)
4. Engineer Design Required. All retaining walls required to obtain a building permit shall be designed by an engineer licensed by the State of Utah.
5. Height, Separation and Plantings.
 1. For the purposes of this subsection, the height of a retaining wall is measured as exposed height (H) of wall of an individual tier.
 2. A single retaining wall shall not exceed nine feet in height if exposed or can

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20 North Main • Alpine, Utah 84004
Phone/Fax: (801) 763-9862
E-mail: jed@alpinecity.org

- be seen from the nearest public right-of-way to which it is exposed.
3. Terracing of retaining walls is permitted where justified by topographic conditions, but the combined height of all walls shall not exceed a height of 18 feet if exposed or can be seen from the nearest public right-of-way or adjacent properties. Walls with a separation of at least $2H$ (H of largest of 2 walls) from face of wall to face of wall shall be considered as separate walls for analysis purposes and applicability to this ordinance. If walls are within $2H$ (H of largest of 2 walls), then the combined height of the terrace shall be used for limitation of height.
 4. In a terrace of retaining walls, a minimum horizontal separation of $H/2$ (H of largest of 2 walls) is required as measured from back of lower wall to face of higher wall. If the walls are not viewable from the nearest public right-of-way or adjacent properties, then there is no limitation of height.
 5. The view of the nearest public right-of-way or adjacent property shall be verified by the City Official during the review process and prior to permit for construction.
 6. For terraces walls viewable from the nearest public right-of-way, the horizontal separation between walls shall be planted with a minimum of five shrubs for every 20 linear feet of planting area. The size of the shrubs shall be less than one-half the width of the terrace. Shrubs shall be watered by drip irrigation to minimize erosion by property owner, not by Alpine City.
6. Submittals. The following documents and calculations prepared by a licensed engineer of the State of Utah shall be submitted with each retaining wall building permit application:
1. profile drawings if the retaining wall is longer than 50 lineal feet, with the base elevation, exposed base elevation and top of wall labeled at the ends of the wall and every 50 linear feet or change in grade;
 2. cross-sectional drawings including surface grades and structures located in front and behind the retaining wall a distance equivalent to three times the height of the retaining wall, and if the retaining wall is supporting a slope, then the cross section shall include the entire slope plus surface grades and structures within a horizontal distance equivalent to one times the height of slope;
 3. a site plan showing the location of the retaining walls with the base elevation, exposed base elevation and top of wall labeled at the ends of wall and every 50 lineal feet or change in grade;

4. a copy of the geotechnical report used by the design engineer. The geotechnical report shall include requirement of Item 5 below otherwise additional laboratory testing is required in Item 5;
5. material strength parameters used in the design of the retaining wall, substantiated with laboratory testing of the materials as follows:
 - a. for soils, this may include, but is not limited to, unit weights, direct shear tests, triaxial shear tests and unconfined compression tests;
 - b. if laboratory testing was conducted from off-site but similar soils within a 2000 foot radius of the proposed wall location, the results of the testing with similar soil classification testing needs to be submitted;
 - c. minimum laboratory submittal requirements are the unit weight of retained soils, gradation for cohesionless soils, Atterberg limits for cohesive soils, and shear test data;
 - d. soil classification testing shall be submitted for all direct shear or triaxial shear tests;
 - e. if a Proctor is completed, classification testing shall be submitted with the Proctor result; and,
 - f. laboratory testing should be completed in accordance with applicable American Society for Testing and Materials (ASTM) standards;
 - g. for segmented block walls, the manufacturer's test data for the wall facing, soil reinforcement, and connection parameters shall be submitted in an appendix.
6. the design engineer shall indicate the design standard used and supply a printout of the input and output of the files in an appendix with factors of safety within the design standard used as follows:
 - a. design calculations ensuring stability against overturning, base sliding, excessive foundation settlement, bearing capacity, internal shear and global stability;
 - b. calculations shall include analysis under static and seismic loads, which shall be based on the PGA as determined from probabilistic analysis for the maximum credible earthquake (MCE), with spectral acceleration factored for site conditions in accordance with the current IBC;

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- c. Mechanically Stabilized Earth (MSE) walls shall be designed in general accordance with current FHWA or AASHTO standards for design of Mechanically Stabilized Earth Walls and Reinforced Soil Slopes or the current National Concrete Masonry Association (NCMA) Design Manual for Segmental Retaining Walls;
 - d. rock walls shall be designed in general accordance with 2006 FHWA-CFL/TD-06-006 "Rockery Design and Construction Guidelines," or current FHWA standard of care and;
 - e. concrete cantilever walls shall be designed in general accordance with specifications provided in current American Concrete Institute or American Society of Civil Engineers standards and specifications.
7. a global stability analysis with minimum factors of safety of at least 1.50 under static conditions and at least 1.10 under seismic loading conditions as follows:
- a. factors of safety results shall be presented to the nearest hundredth;
 - b. seismic loads shall be based on the PGA as determined from probabilistic analysis for the maximum credible earthquake (MCE), with spectral acceleration factored for site conditions in accordance with the current IBC;
 - c. the cross-sectional view of each analysis shall be included, and the printout of the input and output files placed in an appendix; and,
 - d. the global stability analysis may be omitted for concrete cantilever retaining walls that extend to frost depth, that are less than nine feet in exposed height, absent of supporting structures within 30 feet of the top of the wall, and which have less than 10H:1V front and back slopes within 30 feet of the retaining structure.
8. a drainage design, including a free draining gravel layer wrapped in filter fabric located behind the retaining wall with drain pipe daylighting to a proper outlet or weep holes placed through the base of the wall, however:
- a. a synthetic drainage composite may be used behind MSE walls if a materials specific shear testing is completed to determine friction properties between the backfill and synthetic drainage composite;

- b. a synthetic drainage composite is not allowed behind rock walls;
 - c. a synthetic drainage composite may be used behind the stem of the concrete cantilever walls;
 - d. if the engineering can substantiate proper filtering between the retained soils and the drain rock, then the filter fabric may be omitted, and;
 - e. if the retaining wall is designed to withstand hydrostatic pressures or the retained soils or backfill is free-draining as substantiated through appropriate testing, then drainage material may be omitted from the design.
9. the design engineer's acknowledgement that the site is suitable for the retaining wall;
10. an inspection frequency schedule.
7. Preconstruction Meeting. At least 48 hours prior to the construction of any approved retaining wall, a preconstruction meeting shall be held as directed by the Building Official. The meeting shall include the Building Official, the design engineer, the contractor and the project or property owner. The preconstruction meeting can be waived at the discretion of the Building Official.
8. Inspections and Final Report. The design engineer shall make all inspections needed during construction. A final report from the engineer shall state that the retaining wall was built according to the submitted design. The report shall include detail of the inspections of the wall in accordance with the inspection frequency schedule. All pertinent compaction testing shall also be included with the final report.
9. Maintenance. All retaining walls shall be maintained in a structurally safe and sound condition and in good repair.

1 **UNMANNED AIRCRAFT AMENDMENTS**

2 2017 GENERAL SESSION

3 STATE OF UTAH

4 **Chief Sponsor: Wayne A. Harper**

5 House Sponsor: Kay J. Christofferson

7 **LONG TITLE**

8 **General Description:**

9 This bill modifies and establishes provisions related to unmanned aircraft.

10 **Highlighted Provisions:**

11 This bill:

- 12 ▶ defines terms;
- 13 ▶ reorganizes existing code related to unmanned aircraft;
- 14 ▶ preempts local laws related to unmanned aircraft;
- 15 ▶ exempts unmanned aircraft from registration with the state of Utah;
- 16 ▶ enacts provisions related to operation of unmanned aircraft by law enforcement,

17 including:

- 18 • data collection, reporting, retention, and use;
- 19 • use of an unmanned aircraft for law enforcement operations; and
- 20 • use of data obtained by an unmanned aircraft operated by a civilian;
- 21 ▶ establishes certain safety requirements and limitations for the operation of an
- 22 unmanned aircraft;
- 23 ▶ prohibits use of an unmanned aircraft equipped with a weapon;
- 24 ▶ prohibits a person from:
 - 25 • committing trespass with an unmanned aircraft;
 - 26 • committing a privacy violation with an unmanned aircraft; or
 - 27 • committing voyeurism with an unmanned aircraft;
- 28 ▶ establishes criminal penalties; and

29 ▶ makes technical changes.

30 **Money Appropriated in this Bill:**

31 None

32 **Other Special Clauses:**

33 None

34 **Utah Code Sections Affected:**

35 AMENDS:

36 72-10-109, as renumbered and amended by Laws of Utah 1998, Chapter 270

37 76-6-206, as last amended by Laws of Utah 2015, Chapter 412

38 76-9-402, as enacted by Laws of Utah 1973, Chapter 196

39 76-9-702.7, as last amended by Laws of Utah 2004, Chapter 52

40 ENACTS:

41 72-14-103, Utah Code Annotated 1953

42 72-14-104, Utah Code Annotated 1953

43 72-14-201, Utah Code Annotated 1953

44 72-14-202, Utah Code Annotated 1953

45 72-14-205, Utah Code Annotated 1953

46 72-14-301, Utah Code Annotated 1953

47 72-14-302, Utah Code Annotated 1953

48 72-14-303, Utah Code Annotated 1953

49 72-14-401, Utah Code Annotated 1953

50 72-14-402, Utah Code Annotated 1953

51 72-14-403, Utah Code Annotated 1953

52 RENUMBERS AND AMENDS:

53 72-14-101, (Renumbered from 63G-18-101, as last amended by Laws of Utah 2016,
54 Chapter 101)

55 72-14-102, (Renumbered from 63G-18-102, as last amended by Laws of Utah 2015,

56 Chapter 269)
 57 [72-14-203](#), (Renumbered from 63G-18-103, as last amended by Laws of Utah 2015,
 58 Chapter 269)
 59 [72-14-204](#), (Renumbered from 63G-18-104, as last amended by Laws of Utah 2015,
 60 Chapter 269)
 61 REPEALS:
 62 [63G-18-105](#), as last amended by Laws of Utah 2015, Chapter 269

64 *Be it enacted by the Legislature of the state of Utah:*

65 Section 1. Section **72-10-109** is amended to read:

66 **72-10-109. Certificate of registration of aircraft required -- Exceptions.**

67 (1) (a) A person may not operate, pilot, or navigate, or cause or authorize to be
 68 operated, piloted, or navigated within this state any civil aircraft located in this state unless the
 69 aircraft has a current certificate of registration issued by this state through the county in which
 70 the aircraft is located.

71 (b) This restriction does not apply to aircraft licensed by a foreign country with which
 72 the United States has a reciprocal agreement covering the operations of the registered aircraft
 73 or to a non-passenger-carrying flight solely for inspection or test purposes authorized by the
 74 Federal Aviation Administration to be made without the certificate of registration.

75 (2) Aircraft assessed by the State Tax Commission are exempt from the state
 76 registration requirement under Subsection (1).

77 (3) Unmanned aircraft as defined in Section [72-14-102](#) are exempt from the state
 78 registration requirement under Subsection (1).

79 Section 2. Section **72-14-101**, which is renumbered from Section 63G-18-101 is
 80 renumbered and amended to read:

81 **CHAPTER 14. UNMANNED AIRCRAFT -- DRONES**

82 **Part 1. General Provisions**

83 ~~[63G-18-101].~~ 72-14-101. Title.

84 This chapter is known as "Unmanned Aircraft -- Drones."

85 Section 3. Section 72-14-102, which is renumbered from Section 63G-18-102 is
86 renumbered and amended to read:

87 ~~[63G-18-102].~~ 72-14-102. Definitions.

88 As used in this chapter:

89 ~~[(1) "Law enforcement agency" means an entity of the state or an entity of a political~~
90 ~~subdivision of the state, including an entity of a state institution of higher education, that exists~~
91 ~~primarily to prevent, detect, or prosecute crime and enforce criminal statutes or ordinances.]~~

92 ~~[(2) "Nongovernment actor" means a person that is not:]~~

93 ~~[(a) an agency, department, division, or other entity within state government;]~~

94 ~~[(b) a person employed by or otherwise acting in an official capacity on behalf of the~~
95 ~~state;]~~

96 ~~[(c) a political subdivision of the state; or]~~

97 ~~[(d) a person employed by or otherwise acting in an official capacity on behalf of a~~
98 ~~political subdivision of the state:]~~

99 ~~[(3) "Target" means a person upon whom, or a structure or area upon which, a person:]~~

100 ~~[(a) has intentionally collected or attempted to collect information through the~~
101 ~~operation of an unmanned aircraft system; or]~~

102 ~~[(b) plans to collect or attempt to collect information through the operation of an~~
103 ~~unmanned aircraft system.]~~

104 ~~[(4) "Testing site" means an area that:]~~

105 ~~[(a) has boundaries that are clearly identified using GPS coordinates;]~~

106 ~~[(b) a law enforcement agency identifies in writing to the Department of Public Safety,~~
107 ~~including the boundaries identified under Subsection (4)(a);]~~

108 ~~[(c) is not more than three square miles; and]~~

109 ~~[(d) contains no occupied structures.]~~

110 (1) "Airport" means the same as that term is defined in Section 72-10-102.

111 (2) "Airport operator" means the same as that term is defined in Section 72-10-102.

112 ~~[(5) (a)]~~ (3) "Unmanned aircraft ~~[system]~~" means an aircraft that is:

113 ~~[(i)]~~ (a) [is] capable of sustaining flight; and

114 ~~[(ii)]~~ (b) [operates] operated with no possible direct human intervention from on or

115 within the aircraft.

116 ~~[(b)]~~ (4) "Unmanned aircraft system" ~~[does not include an unmanned aircraft that is~~

117 ~~flown]~~ means the entire system used to operate an unmanned aircraft, including:

118 ~~[(i) within visual line of sight of the individual operating the aircraft; and]~~

119 ~~[(ii) strictly for hobby or recreational purposes.]~~

120 (a) the unmanned aircraft, including payload;

121 (b) communications equipment;

122 (c) navigation equipment;

123 (d) controllers;

124 (e) support equipment; and

125 (f) autopilot functionality.

126 Section 4. Section **72-14-103** is enacted to read:

127 **72-14-103. Preemption of local ordinance.**

128 (1) A political subdivision of the state, or an entity within a political subdivision of the

129 state, may not enact a law, ordinance, or rule governing the private use of an unmanned aircraft

130 unless:

131 (a) authorized by this chapter; or

132 (b) the political subdivision or entity is an airport operator that enacts the law, rule, or

133 ordinance to govern:

134 (i) the operation of an unmanned aircraft within the geographic boundaries of the

135 airport over which the airport operator has authority; or

136 (ii) the takeoff or landing of an unmanned aircraft at the airport over which the airport

137 operator has authority.

138 (2) This chapter supersedes any law, ordinance, or rule enacted by a political
139 subdivision of the state before July 1, 2017.

140 Section 5. Section **72-14-104** is enacted to read:

141 **72-14-104. Applicability.**

142 This chapter does not apply to a person or business entity:

143 (1) using an unmanned aircraft for legitimate educational or business purposes; and

144 (2) operating the unmanned aircraft system in a manner consistent with applicable

145 Federal Aviation Administration rules, exemptions, or other authorizations.

146 Section 6. Section **72-14-201** is enacted to read:

147 **Part 2. Law Enforcement Use of Unmanned Aircraft**

148 **72-14-201. Title.**

149 This part is known as "Law Enforcement Use of Unmanned Aircraft."

150 Section 7. Section **72-14-202** is enacted to read:

151 **72-14-202. Definitions.**

152 As used in this part:

153 (1) "Civilian" means a person that is not a law enforcement officer.

154 (2) "Law enforcement agency" means the same as that term is defined in Section

155 [53-3-102.](#)

156 (3) "Law enforcement officer" means the same as that term is defined in Section

157 [53-13-103.](#)

158 (4) "Target" means a person upon whom, or an object, structure, or area upon which,

159 another person:

160 (a) has intentionally collected or attempted to collect information through the operation

161 of an unmanned aircraft system; or

162 (b) intends to collect or to attempt to collect information through the operation of an

163 unmanned aircraft system.

164 Section 8. Section **72-14-203**, which is renumbered from Section 63G-18-103 is
165 renumbered and amended to read:

166 ~~[63G-18-103]~~. 72-14-203. Unmanned aircraft system use requirements --
167 **Exceptions.**

168 (1) A law enforcement agency or officer may not obtain, receive, or use data acquired
169 through an unmanned aircraft system unless the data is obtained:

170 (a) pursuant to a search warrant;

171 (b) in accordance with judicially recognized exceptions to warrant requirements;

172 (c) subject to Subsection (2), from a person who is a nongovernment actor;

173 ~~[(d) at a testing site; or]~~

174 ~~[(e)]~~ (d) to locate a lost or missing person in an area in which a person has no
175 reasonable expectation of privacy~~[-];~~ or

176 (e) for purposes unrelated to a criminal investigation.

177 ~~[(2) A nongovernment actor may only disclose data acquired through an unmanned~~
178 ~~aircraft system to a law enforcement agency if:]~~

179 (2) A law enforcement officer or agency may only use for law enforcement purposes
180 data obtained from a nongovernment actor if:

181 (a) the data appears to pertain to the commission of a crime; or

182 (b) the ~~[nongovernment actor]~~ law enforcement agency or officer believes, in good
183 faith, that:

184 (i) the data pertains to an imminent or ongoing emergency involving danger of death or
185 serious bodily injury to an individual; and

186 (ii) disclosing the data would assist in remedying the emergency.

187 (3) A law enforcement agency or officer that obtains, receives, or uses data acquired

188 ~~[under Subsection (1)(d) or (e)]~~ through the use of an unmanned aircraft system or through

189 Subsection (2) shall destroy the data as soon as reasonably possible after the law enforcement
190 agency or officer obtains, receives, or uses the data subject to an applicable retention schedule

191 under Title 63G, Chapter 2, Government Records Access and Management Act, or a federal,
192 state, or local law.

193 ~~[(4) A law enforcement agency that operates an unmanned aircraft system under~~
194 ~~Subsection (1)(d) may not operate the unmanned aircraft system outside of the testing site.]~~

195 Section 9. Section **72-14-204**, which is renumbered from Section 63G-18-104 is
196 renumbered and amended to read:

197 ~~[63G-18-104].~~ **72-14-204. Data retention.**

198 (1) Except as provided in this section, a law enforcement agency:

199 (a) may not use, copy, or disclose data collected by an unmanned aircraft system on a
200 person, structure, or area that is not a target; and

201 (b) in accordance with applicable federal, state, and local laws, shall ensure that data
202 described in Subsection (1)(a) is destroyed as soon as reasonably possible after the law
203 enforcement agency collects or receives the data.

204 (2) A law enforcement agency is not required to comply with Subsection (1) if:

205 (a) deleting the data would also require the deletion of data that:

206 (i) relates to the target of the operation; and

207 (ii) is requisite for the success of the operation;

208 (b) the law enforcement agency receives the data:

209 (i) through a court order that:

210 (A) requires a person to release the data to the law enforcement agency; or

211 (B) prohibits the destruction of the data; or

212 (ii) from a person who is a nongovernment actor;

213 (c) (i) the data was collected inadvertently; and

214 (ii) the data appears to pertain to the commission of a crime;

215 (d) (i) the law enforcement agency reasonably determines that the data pertains to an
216 emergency situation; and

217 (ii) using or disclosing the data would assist in remedying the emergency; or

218 (e) the data was collected through the operation of an unmanned aircraft system over
219 public lands outside of municipal boundaries.

220 Section 10. Section **72-14-205** is enacted to read:

221 **72-14-205. Reporting.**

222 (1) As used in this section, "law enforcement encounter" means the same as that term is
223 defined in Section [77-7a-103](#).

224 (2) A law enforcement officer or agency that operates an unmanned aircraft system
225 while on duty or acting in the law enforcement officer's or agency's official capacity, or obtains
226 or receives data in accordance with Section [72-14-203](#), shall document the following in any
227 report or other official record of the law enforcement encounter:

228 (a) the presence and use of the unmanned aircraft;

229 (b) any data acquired; and

230 (c) if applicable, the person from whom data was received in accordance with

231 Subsection [72-14-203](#)(2).

232 Section 11. Section **72-14-301** is enacted to read:

233 **Part 3. Unlawful Use of Unmanned Aircraft**

234 **72-14-301. Title.**

235 This part is known as "Unlawful Use of Unmanned Aircraft."

236 Section 12. Section **72-14-302** is enacted to read:

237 **72-14-302. Reserved.**

238 Reserved.

239 Section 13. Section **72-14-303** is enacted to read:

240 **72-14-303. Weapon attached to unmanned aircraft -- Penalties.**

241 (1) As used in this section "weapon" means:

242 (a) a firearm as described in Section [76-10-501](#); or

243 (b) an object that in the manner of the object's use or intended use is capable of causing
244 death, bodily injury, or damage to property, as determined according to the following factors:

- 245 (i) the location and circumstances in which the object is used or possessed;
- 246 (ii) the primary purpose for which the object is made;
- 247 (iii) the character of the damage, if any, the object is likely to cause;
- 248 (iv) the manner in which the object is used;
- 249 (v) whether the manner in which the object is used or possessed constitutes a potential
- 250 imminent threat to public safety; and
- 251 (vi) the lawful purposes for which the object may be used.

252 (2) (a) Except as provided in Subsection (3), a person may not fly an unmanned aircraft
253 that carries a weapon or to which a weapon is attached.

254 (b) A person that violates Subsection (2)(a) is guilty of a class B misdemeanor.

255 (3) A person may fly an unmanned aircraft that carries a weapon or to which a weapon
256 is attached if the person:

257 (a) (i) obtains a certificate of authorization, or other written approval, from the Federal
258 Aviation Administration authorizing the person to fly the unmanned aircraft that carries the
259 weapon or to which the weapon is attached; and

260 (ii) operates the unmanned aircraft in accordance with the certificate of authorization or
261 other written approval;

262 (b) (i) obtains a contract with the state or the federal government permitting the person
263 to fly the unmanned aircraft that carries the weapon or to which the weapon is attached; and

264 (ii) operates the unmanned aircraft in accordance with the contract; or

265 (c) operates the unmanned aircraft that carries the weapon or to which the weapon is
266 attached in airspace controlled by the United States Department of Defense, with the
267 permission of the United States Department of Defense.

268 Section 14. Section **72-14-401** is enacted to read:

269 **Part 4. Safe Use of Unmanned Aircraft**

270 **72-14-401. Title.**

271 This part is known as "Safe Use of Unmanned Aircraft."

272 Section 15. Section **72-14-402** is enacted to read:

273 **72-14-402. Reserved.**

274 Reserved.

275 Section 16. Section **72-14-403** is enacted to read:

276 **72-14-403. Safe operation of unmanned aircraft.**

277 (1) An individual who operates an unmanned aircraft system to fly an unmanned
278 aircraft for recreational purposes shall comply with this section or 14 C.F.R. Sec. 101, Subpart
279 E.

280 (2) An individual operating an unmanned aircraft shall:

281 (a) maintain visual line of sight of the unmanned aircraft in order to:

282 (i) know the location of the unmanned aircraft;

283 (ii) determine the attitude, altitude, and direction of flight;

284 (iii) observe the airspace for other air traffic or hazards; and

285 (iv) determine that the unmanned aircraft does not endanger the life or property of
286 another person;

287 (b) ensure that the ability described in Subsection (2)(a)(i) is exercised by either:

288 (i) the operator of the unmanned aircraft; or

289 (ii) a visual observer.

290 (3) An individual may not operate an unmanned aircraft in Class B, Class C, or Class
291 D airspace or within the lateral boundaries of the surface area of Class E airspace designated
292 for an airport unless the operator of the unmanned aircraft has prior authorization from air
293 traffic control.

294 (4) An individual may not operate an unmanned aircraft in a manner that interferes
295 with operations and traffic patterns at any airport, heliport, or seaplane base.

296 (5) An individual may not operate an unmanned aircraft system:

297 (a) from a public transit rail platform or station; or

298 (b) (i) under a height of 50 feet within a public transit fixed guideway right-of-way;

299 and

300 (ii) directly above any overhead electric lines used to power a public transit rail
301 vehicle.

302 (6) An individual may not operate an unmanned aircraft in violation of a notice to
303 airmen described in 14 C.F.R. Sec. 107.47.

304 (7) An individual may not operate an unmanned aircraft at an altitude that is higher
305 than 400 feet above ground level unless the unmanned aircraft:

306 (a) is flown within a 400-foot radius of a structure; and

307 (b) does not fly higher than 400 feet above the structure's immediate uppermost limit.

308 (8) (a) An individual who violates this section is liable for any damages that may result
309 from the violation.

310 (b) A law enforcement officer shall issue a written warning to an individual who
311 violates this section who has not previously received a written warning for a violation of this
312 section.

313 (c) Except as provided in Subsection (8)(d), an individual who violates this section
314 after receiving a written warning for a previous violation of this section is guilty of an
315 infraction.

316 (d) An individual who violates this section is guilty of a class B misdemeanor for each
317 conviction of a violation of this section after the individual is convicted of an infraction or a
318 misdemeanor for a previous violation of this section.

319 Section 17. Section **76-6-206** is amended to read:

320 **76-6-206. Criminal trespass.**

321 (1) As used in this section[~~,"enter"~~]:

322 (a) "Enter" means intrusion of the entire body[-] or the entire unmanned aircraft.

323 (b) "Remain unlawfully," as that term relates to an unmanned aircraft, means remaining
324 on or over private property when:

325 (i) the private property or any portion of the private property is not open to the public;

326 and

327 (ii) the person operating the unmanned aircraft is not otherwise authorized to fly the
328 unmanned aircraft over the private property or any portion of the private property.

329 (2) A person is guilty of criminal trespass if, under circumstances not amounting to
330 burglary as defined in Section 76-6-202, 76-6-203, or 76-6-204 or a violation of Section
331 76-10-2402 regarding commercial obstruction:

332 (a) the person enters or remains unlawfully on or causes an unmanned aircraft to enter
333 and remain unlawfully over property and:

334 (i) intends to cause annoyance or injury to any person or damage to any property,
335 including the use of graffiti as defined in Section 76-6-107;

336 (ii) intends to commit any crime, other than theft or a felony; or

337 (iii) is reckless as to whether [his] the person's or unmanned aircraft's presence will
338 cause fear for the safety of another;

339 (b) knowing the person's or unmanned aircraft's entry or presence is unlawful, the
340 person enters or remains on [property as] or causes an unmanned aircraft to enter or remain
341 unlawfully over property to which notice against entering is given by:

342 (i) personal communication to the [actor] person by the owner or someone with
343 apparent authority to act for the owner;

344 (ii) fencing or other enclosure obviously designed to exclude intruders; or

345 (iii) posting of signs reasonably likely to come to the attention of intruders; or

346 (c) the person enters a condominium unit in violation of Subsection 57-8-7(8).

347 (3) (a) A violation of Subsection (2)(a) or (b) is a class B misdemeanor unless [it was]
348 the violation is committed in a dwelling, in which event [it] the violation is a class A
349 misdemeanor.

350 (b) A violation of Subsection (2)(c) is an infraction.

351 (4) It is a defense to prosecution under this section that:

352 (a) the property was at the time open to the public; and

353 (b) the actor complied with all lawful conditions imposed on access to or remaining on
354 the property.

355 Section 18. Section **76-9-402** is amended to read:

356 **76-9-402. Privacy violation.**

357 (1) A person is guilty of privacy violation if, except as authorized by law, ~~[he]~~ the
358 person:

359 (a) trespasses on property with intent to subject anyone to eavesdropping or other
360 surveillance in a private place; ~~[or]~~

361 (b) ~~[Installs in any]~~ installs, or uses after unauthorized installation in a private place,
362 without the consent of the person or persons entitled to privacy ~~[there]~~ in the private place, any
363 device for observing, photographing, hearing, recording, amplifying, or broadcasting sounds or
364 events in the ~~[place or uses any such unauthorized installation]~~ private place; or

365 (c) installs or uses outside of a private place ~~[any]~~ a device for observing,
366 photographing, hearing, recording, amplifying, or broadcasting sounds or events originating in
367 the private place which would not ordinarily be audible, visible, or comprehensible outside the
368 private place, without the consent of the person or persons entitled to privacy ~~[there]~~ in the
369 private place.

370 (2) A person is not guilty of a violation of this section if:

371 (a) the device used is an unmanned aircraft;

372 (b) the person is operating the unmanned aircraft for legitimate commercial or
373 educational purposes in a manner consistent with applicable Federal Aviation Administration
374 rules, exemptions, or other authorizations; and

375 (c) any conduct described in Subsection (1) that occurs via the unmanned aircraft is
376 solely incidental to the lawful commercial or educational use of the unmanned aircraft.

377 ~~[(2)]~~ (3) Privacy violation is a class B misdemeanor.

378 Section 19. Section **76-9-702.7** is amended to read:

379 **76-9-702.7. Voyeurism offenses -- Penalties.**

380 (1) A person is guilty of voyeurism who intentionally uses [~~a camcorder, motion~~
381 ~~picture camera, photographic camera of any type, or other equipment that is concealed or~~
382 ~~disguised to secretly or surreptitiously videotape, film, photograph, record, or view by~~
383 ~~electronic means an individual]~~ **any type of technology to secretly or surreptitiously record**
384 **video of a person:**

385 (a) **for the purpose of viewing any portion of the individual's** body regarding which the
386 individual has a reasonable expectation of privacy, whether or not that portion of the body is
387 covered with clothing;

388 (b) without the knowledge or consent of the individual; and

389 (c) under circumstances in which the individual has a reasonable expectation of
390 privacy.

391 (2) A violation of Subsection (1) is a class A misdemeanor, except that a violation of
392 Subsection (1) committed against a child under 14 years of age is a third degree felony.

393 (3) Distribution or sale of any images, including in print, electronic, magnetic, or
394 digital format, obtained under Subsection (1) by transmission, display, or dissemination is a
395 third degree felony, except that if the violation of this Subsection (3) includes images of a child
396 under 14 years of age, the violation is a second degree felony.

397 (4) A person is guilty of voyeurism who, under circumstances not amounting to a
398 violation of Subsection (1), views or attempts to view an individual, with or without the use of
399 any instrumentality:

400 (a) with the intent of viewing any portion of the individual's body regarding which the
401 individual has a reasonable expectation of privacy, whether or not that portion of the body is
402 covered with clothing;

403 (b) without the knowledge or consent of the individual; and

404 (c) under circumstances in which the individual has a reasonable expectation of
405 privacy.

406 (5) A violation of Subsection (4) is a class B misdemeanor, except that a violation of

407 Subsection (4) committed against a child under 14 years of age is a class A misdemeanor.

408 Section 20. **Repealer.**

409 This bill repeals:

410 Section **63G-18-105, Reporting.**