April 26, 2021

Ms. Amber Gregory, PE
City of Steamboat Springs – Utilities
137 10th Street
Steamboat Springs, Colorado 80477

FOR REFERENCE - Already Submitted with DPVC-21-16 and DPVC-21-06

Re: Water Demand Report
Basecamp, Steamboat Springs, Colorado

Dear Amber:

Landmark Consultants, Inc. (Landmark) is submitting this Water Demand Report for your review. This report is being submitted in conjunction with the Basecamp Development Plan application.

This report has been prepared in accordance with the City of Steamboat Springs Municipal Code, the Steamboat Springs Water and Wastewater Master Plan, and serves to document the water and sewer impacts associated with the Basecamp project.

If you have any questions during your review process, feel free to contact us.

Sincerely,

Landmark Consultants, Inc.

Erik Griepentrog, P.E.
Vice-President

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1.0 INTRODUCTION, LOCATION, AND METHODOLOGY

This letter is an analysis of water and sewer demands required for the proposed construction of Basecamp (the Project). This letter includes all the base data, methods, assumptions and calculations used by Landmark Consultants, Inc. (Landmark). It was prepared in conjunction with the concurrent Development Plan application submitted for the project.

Landmark prepared this letter in accordance with Section 25-78 of the City of Steamboat Springs Municipal Code for the purpose of quantifying the water demanded and the sanitary sewerage produced per the proposal at the time of this letter. This letter may not be used by other parties without the express written consent of Landmark.

The facts and opinions expressed in this letter are based on Landmark's understanding of the project and data gathered from:

- Plans provided by **KASA**
- Water and Wastewater Master Plan Updates for the City of Steamboat Springs prepared by McLaughlin Water, December 2009 (referred herein as **Master Plan)**
- City and County of Denver Department of Public Works Sanitary Design Technical Criteria Manual, latest revision March 2008.
- City of Steamboat Springs Water/Sewer System Maps

The subject property is located on predominately on Lot 1 and with an access road crossing a portion of 2, Worldwest Subdivision, which is approximately 5.22 acres in total size. It is located in the South 1/2 of the Southwest 1/4, of Section 6, Township 6 North, Range 84 West of the 6th Principal Meridian, City of Steamboat Springs, Routt County, Colorado. Specifically, the property is the previous location of the Steamboat Pilot & Today newspaper on the block surrounded by Elk River Road, US Hwy 40, Shield Drive and Curve Court.

This mixed-use project is a combination of an adaptive reuse of a portion of the existing building along with a new construction component. The commercial functions of the building, namely a 3,650 SF coffee bar/restaurant and a 4,000 SF Fitness studio use, will be located within the "existing-to-remain" portion of the building. This portion of the building will also contain the residential lobby and two residential units. The portion of the existing building that formerly housed the printing press will be demolished and rebuilt ground-up as a five-story, 73-unit, apartment building (75 total units). The overall footprint will generally be the same.

Please refer to the included **Vicinity Map** for the subject property location.

EQUIVALENT RESIDENTIAL UNIT (EQR) METHODOLOGY

The Master Plan uses the Equivalent Residential Unit (EQR) method for equating 'water demands and wastewater flows for different user categories' and describes EQR for Steamboat Springs as a 'three-bedroom, 2-bathroom home up to 2,500 sf.

The Basecamp project is proposing a mix of units ranging among 1, 2, and 3 bedrooms. Additionally, the project contains a coffee bar/restaurant and fitness studio.

The existing building (pre-redevelopment) is approximately 22,690 SF and had a mix of use between the newspaper operation and the printing press. Based on the relatively minimal water demands for commercial activity, Landmark assumed that the previous land use/facility and the proposed coffee bar/restaurant and fitness studio essential negate any additional non-residential demand.

Based on this proposal, Landmark applied the land use category of Multi-Family (1 and 2 bedroom) with a 0.85 reduction factor and Multi-Family (3 bedroom) with a factor of 1.05 to the EQR calculation in this report.

2.0 SANITARY SEWER CAPACITY

The project site is approximately 10.1 acres in size. The property is proposing 75 residential apartment units, which will result in a weighted total of 67 Equivalent Residential Units (EQRs).

Landmark calculated the Peak Factors based upon methodology set forth in the "City and County of Denver Department of Public Works Sanitary Sewer Design Technical Criteria Manual" using:

$$\text{Peaking Factor} = 2.6\ (\text{Average Flow CFS})^{-0.16}$$

The entirety of the Basecamp project will be serviced by a new sewer main that connects to the existing sewer main in Curve Court and the existing sewer service will be abandoned.

The maximum Peak Flow generated from the Project is projected at 0.12 cfs. Sanitary Sewer Capacity Calculations can be found in **Appendix A: Wastewater Impact Calculations.** The analysis showed that an 8" PVC sewer main at the minimum allowable slope, should be able to accommodate up to 121 EQR where this project aims to introduce 67 EQR.

The minimum allowable slope assumptions based on 10 States Standards can be found in **Appendix D**.

3.0 POTABLE WATER STUDY

Potable water for Basecamp will be provided by an expanded water main system that loops through the property as shown on the Development Plans. The existing water service on the west side of the building will be abandoned and the new project will be served off of the new water main.

The peaking factors used to estimate the Maximum Day (2.4 times Average Day) and the Maximum Hour (2.0 times the Maximum Day) were as described in the Master Plan.

Per the Master Plan, Landmark assumed a demand of 600 gallons per EQR per day to estimate Basecamp's water usage. An Average Day flow of 28 gpm was calculated for the entire development with a Max Day flow of 67 gpm and a Max Hour flow of 95 gpm.

These water usage Calculations can be found in **Appendix B**.

APPENDIX - A

LANDMARK CONSULTANTS, INC.
CIVIL ENGINEERS | SURVEYORS
141 9th Street ~ P.O. Box 774943
Steamboat Springs, Colorado 80477
(970) 871-9494
www.LANDMARK-CO.com

PROJECT	2387-004; Steamboat Basecamp
DESIGNER	
DATE	4/26/2021
LOCATION	Steamboat Springs, CO

Basecamp

Preliminary Utility Calculations

Assumptions based on City of Steamboat Springs Water and Wastewater Master Plan

WASTEWATER IMPACT CALCULATIONS

Description/ Land Use	Assigned EQR Value	Acres	Units	Equivalent Residential Unit (EQR)	*Assumptions:* Gallons per EQR per day[1] (gal/day/EQR)	*Calculations:* Average Flow Rate (gpd)	Peaking Factor[2] $PF=2.6 \times (AFR_{cfs})^{-0.16}$	Peak Flow Rate (gpd)	Peak Flow Rate (cfs)
Studio Units	0.85	N/A	30	26	280	7,140	4.0	28,560	0.04
1 Bedroom Units	0.85	N/A	30	26	280	7,140	4.0	28,560	0.04
3 Bedroom Units	1.05	N/A	15	16	280	4,410	4.0	17,640	0.03
Inflow and Infiltration (10% of Ave.Flow)						N/A			
TOTAL =				**67**		**18,690**		**74,760**	**0.12**

[1]Inflow and Infiltration are included in the assumed value per City Master Plan

[2]Maximum Peaking Factor=4.0 Per City and County of Denver Sanitary Sewer Design Technical Criteria Manual

APPENDIX - B

CIVIL ENGINEERS | SURVEYORS

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PROJECT	2387-004; Steamboat Basecamp
DESIGNER	
DATE	4/16/2021
LOCATION	Steamboat Springs, CO

Basecamp

Water Usage Calcuations

Assumptions based on City of Steamboat Springs Water and Wastewater Master Plan

WATER DEMAND CALCULATIONS

Description/ Land Use	Assigned EQR Value	Acres	Units	Equivalent Residential Units (EQR)	Assumptions:				Calculations:		
					Assumed Demand	Average Day	Max Day[1]	Max Hour[2]	**Average Day**	**Max Day**	**Max Hour**
					(gal /day /EQR)	(gpm/EQR)	(gpm/EQR)	(gpm/EQR)	(gpm)	(gpm)	(gpm)
Studio Units	0.85	N/A	30	26	600	0.42	1.00	2.00	11	26	51
1 Bedroom Units	0.85	N/A	30	26	600	0.42	1.00	2.00	11	26	51
3 Bedroom Units	1.05	N/A	15	16	600	0.42	1.00	2.00	7	16	32
N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL =				**67**					**28**	**67**	**95**

[1]Assumed Max Day peaking factor is 2.4 times the Average Day

[2]Assumed Max Hour is 2.0 times Maximum Day

APPENDIX - C

Basecamp

Minimum Grade Sewer Peak Capacity Calculations

Assumptions based on 10 States Standards

8 " Capacity

Depth (ft)	Q (cfs)	Area (sqft)	Veloc (ft/s)	Wp (ft)	Yc (ft)	TopWidth (ft)	Energy (ft)	% Full
0.03	0.003	0.007	0.49	0.30	0.03	0.29	0.04	5%
0.07	0.014	0.018	0.77	0.43	0.06	0.40	0.08	11%
0.10	0.033	0.034	0.99	0.54	0.09	0.48	0.12	15%
0.13	0.059	0.051	1.17	0.62	0.12	0.54	0.16	20%
0.17	0.093	0.069	1.34	0.70	0.14	0.58	0.20	26%
0.20	0.132	0.089	1.48	0.78	0.17	0.61	0.23	30%
0.23	0.178	0.111	1.61	0.85	0.20	0.64	0.27	35%
0.27	0.226	0.132	1.72	0.92	0.22	0.66	0.31	41%
0.30	0.282	0.155	1.82	0.99	0.25	0.67	0.35	45%
0.34	**0.338**	**0.177**	**1.91**	**1.06**	**0.27**	**0.67**	**0.39**	**51%**
0.37	0.395	0.200	1.98	1.12	0.30	0.67	0.43	56%
0.40	0.452	0.221	2.04	1.19	0.32	0.66	0.47	60%
0.44	0.510	0.244	2.09	1.26	0.34	0.64	0.50	66%
0.47	0.563	0.264	2.13	1.33	0.36	0.61	0.54	71%
0.50	0.612	0.284	2.16	1.40	0.37	0.58	0.57	75%
0.54	0.656	0.302	2.17	1.48	0.38	0.54	0.61	81%
0.57	0.692	0.320	2.16	1.57	0.40	0.48	0.64	86%
0.60	0.715	0.334	2.14	1.68	0.40	0.40	0.67	90%
0.64	0.721	0.346	2.08	1.81	0.40	0.29	0.70	96%
0.67	0.671	0.353	1.90	2.10	0.39	0.00	0.73	101%

0.338	CFS	Typical Allowable Qp 50%
218440	gpd	Typical Allowable Qp
72813.3	gpd	Typical Allowable Qp with PF =3
121	EQR	Equivalent Residential Units (EQRs)

10 " Capacity

Depth (ft)	Q (cfs)	Area (sqft)	Veloc (ft/s)	Wp (ft)	Yc (ft)	TopWidth (ft)	Energy (ft)	% Full
0.04	0.005	0.010	0.48	0.38	0.03	0.36	0.05	5%
0.08	0.021	0.028	0.74	0.54	0.07	0.50	0.09	10%
0.12	0.049	0.052	0.96	0.66	0.10	0.60	0.14	14%
0.17	0.088	0.078	1.13	0.77	0.13	0.67	0.19	20%
0.21	0.137	0.107	1.29	0.87	0.16	0.72	0.23	25%
0.25	0.195	0.137	1.43	0.96	0.19	0.76	0.28	30%
0.29	0.264	0.170	1.55	1.05	0.23	0.79	0.33	35%
0.33	0.335	0.202	1.66	1.14	0.26	0.81	0.37	40%
0.37	0.417	0.238	1.76	1.22	0.29	0.83	0.42	44%
0.42	0.500	0.272	1.84	1.31	0.31	0.83	0.47	50%
0.46	0.585	0.306	1.91	1.39	0.34	0.83	0.51	55%
0.50	**0.670**	**0.340**	**1.97**	**1.47**	**0.36**	**0.81**	**0.56**	**60%**
0.54	0.755	0.374	2.02	1.56	0.39	0.79	0.60	65%
0.58	0.834	0.405	2.06	1.65	0.41	0.76	0.65	70%
0.62	0.906	0.435	2.08	1.74	0.43	0.72	0.69	74%
0.66	0.972	0.464	2.09	1.84	0.44	0.66	0.73	79%
0.71	1.025	0.491	2.09	1.95	0.45	0.59	0.77	85%
0.75	1.059	0.513	2.06	2.08	0.46	0.50	0.81	90%
0.79	1.067	0.531	2.01	2.24	0.47	0.36	0.85	95%
0.83	0.994	0.541	1.84	2.61	0.45	0.00	0.88	100%

0.67	CFS	Typical Allowable Qp 60%
433002	gpd	Typical Allowable Qp
144334	gpd	Typical Allowable Qp with PF =3
241	EQR	Equivalent Residential Units (EQRs)

12 " Capacity

Depth (ft)	Q (cfs)	Area (sqft)	Veloc (ft/s)	Wp (ft)	Yc (ft)	TopWidth (ft)	Energy (ft)	% Full
0.05	0.007	0.015	0.48	0.45	0.04	0.44	0.05	5%
0.10	0.030	0.041	0.74	0.64	0.07	0.60	0.11	10%
0.15	0.072	0.075	0.96	0.80	0.11	0.72	0.16	15%
0.20	0.128	0.113	1.14	0.93	0.15	0.80	0.22	20%
0.25	0.200	0.155	1.29	1.05	0.19	0.87	0.28	25%
0.30	0.284	0.198	1.43	1.16	0.22	0.92	0.33	30%
0.35	0.384	0.247	1.56	1.27	0.26	0.96	0.39	35%
0.40	0.488	0.294	1.66	1.37	0.29	0.98	0.44	40%
0.45	0.608	0.345	1.76	1.47	0.33	1.00	0.50	45%
0.50	0.729	0.395	1.85	1.57	0.36	1.00	0.55	50%
0.55	0.853	0.445	1.92	1.67	0.39	0.99	0.61	55%
0.60	0.976	0.493	1.98	1.77	0.42	0.98	0.66	60%
0.65	1.100	0.542	2.03	1.88	0.44	0.95	0.71	65%
0.70	**1.215**	**0.588**	**2.06**	**1.98**	**0.47**	**0.92**	**0.77**	**70%**
0.75	1.321	0.632	2.09	2.10	0.49	0.87	0.82	75%
0.80	1.416	0.674	2.10	2.22	0.51	0.80	0.87	80%
0.85	1.494	0.712	2.10	2.35	0.52	0.71	0.92	85%
0.90	1.543	0.745	2.07	2.50	0.53	0.60	0.97	90%
0.95	1.555	0.771	2.02	2.70	0.53	0.43	1.01	95%
1.00	1.448	0.785	1.84	3.14	0.51	0.00	1.05	100%

1.215	CFS	Typical Allowable Qp 70%
785220	gpd	Typical Allowable Qp
261740	gpd	Typical Allowable Qp with PF =3
436	EQR	Equivalent Residential Units (EQRs)

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Basecamp

Minimum Grade Sewer Peak Capacity Calculations

Assumptions based on 10 States Standards

15 " Capacity

Depth (ft)	Q (cfs)	Area (sqft)	Veloc (ft/s)	Wp (ft)	Yc (ft)	TopWidth (ft)	Energy (ft)	% Full			
0.06	0.011	0.024	0.46	0.57	0.04	0.55	0.07	5%			
0.13	0.046	0.064	0.71	0.81	0.09	0.75	0.13	10%			
0.19	0.108	0.117	0.92	1.00	0.13	0.90	0.20	15%			
0.25	0.192	0.176	1.09	1.16	0.17	1.00	0.27	20%			
0.31	0.300	0.242	1.24	1.31	0.22	1.08	0.34	25%			
0.38	0.425	0.310	1.37	1.45	0.26	1.15	0.40	30%			
0.44	0.576	0.386	1.49	1.59	0.30	1.19	0.47	35%			
0.50	0.731	0.459	1.59	1.71	0.34	1.22	0.54	40%			
0.56	0.911	0.539	1.69	1.84	0.38	1.24	0.61	45%			
0.63	1.091	0.617	1.77	1.97	0.42	1.25	0.67	50%			
0.69	1.277	0.695	1.84	2.09	0.45	1.24	0.74	55%			
0.75	1.461	0.771	1.90	2.22	0.48	1.22	0.81	60%			
0.81	1.647	0.848	1.94	2.35	0.51	1.19	0.87	65%			
0.88	**1.819**	**0.919**	**1.98**	**2.48**	**0.54**	**1.14**	**0.94**	**70%**	1.819	CFS	Typical Allowable Qp 70%
0.94	1.977	0.988	2.00	2.62	0.56	1.08	1.00	75%	1175569	gpd	Typical Allowable Qp
1.00	2.119	1.053	2.01	2.77	0.59	1.00	1.06	80%	391856	gpd	Typical Allowable Qp with PF =3
1.06	2.236	1.113	2.01	2.94	0.60	0.89	1.13	85%	653	EQR	Equivalent Residential Units (EQRs)
1.13	2.311	1.164	1.99	3.13	0.61	0.75	1.19	90%			
1.19	2.329	1.205	1.93	3.37	0.61	0.54	1.25	95%			
1.25	2.167	1.227	1.77	3.93	0.59	0.00	1.30	100%			

18 " Capacity

Depth (ft)	Q (cfs)	Area (sqft)	Veloc (ft/s)	Wp (ft)	Yc (ft)	TopWidth (ft)	Energy (ft)	% Full			
0.08	0.016	0.034	0.46	0.68	0.05	0.66	0.08	5%			
0.15	0.066	0.093	0.72	0.97	0.10	0.90	0.16	10%			
0.23	0.157	0.169	0.93	1.20	0.15	1.08	0.24	15%			
0.30	0.279	0.254	1.10	1.39	0.20	1.20	0.32	20%			
0.38	0.436	0.348	1.25	1.57	0.25	1.30	0.40	25%			
0.45	0.619	0.447	1.39	1.74	0.29	1.38	0.48	30%			
0.53	0.837	0.555	1.51	1.90	0.34	1.43	0.56	35%			
0.60	1.064	0.661	1.61	2.05	0.39	1.47	0.64	40%			
0.68	1.324	0.776	1.71	2.21	0.44	1.49	0.72	45%			
0.75	1.588	0.888	1.79	2.36	0.48	1.50	0.80	50%			
0.82	1.857	1.000	1.86	2.51	0.51	1.49	0.88	55%			
0.90	2.126	1.110	1.91	2.66	0.55	1.47	0.96	60%			
0.97	2.396	1.221	1.96	2.82	0.59	1.43	1.03	65%			
1.05	**2.646**	**1.324**	**2.00**	**2.98**	**0.62**	**1.37**	**1.11**	**70%**	2.646	CFS	Typical Allowable Qp 70%
1.13	2.876	1.422	2.02	3.14	0.65	1.30	1.19	75%	1710036	gpd	Typical Allowable Qp
1.20	3.083	1.516	2.03	3.32	0.67	1.20	1.26	80%	570012	gpd	Typical Allowable Qp with PF =3
1.28	3.253	1.603	2.03	3.53	0.69	1.07	1.34	85%	950	EQR	Equivalent Residential Units (EQRs)
1.35	3.361	1.676	2.01	3.75	0.70	0.90	1.41	90%			
1.43	3.387	1.735	1.95	4.04	0.71	0.65	1.48	95%			
1.50	3.153	1.767	1.78	4.71	0.68	0.00	1.55	100%			

APPENDIX - D

City of Steamboat Springs

SEWER MASTER PLAN

LEGEND

- STEAMBOAT SPRINGS CITY LIMIT
- WSSAP BOUNDARY
- URBAN GROWTH BOUNDARY
- MT. WERNER WATER DISTRICT BOUNDARY
- EXISTING SEWER (WITH PIPE SIZE)
- PROPOSED SEWER (SIZES APPROXIMATE, TO BE VERIFIED DURING FINAL DESIGN PHASE)
- BASIN BOUNDARY
- SUB BASIN BOUNDARY
- PIPE CAPACITY EXCEEDED-REPLACEMENT REQUIRED
- PIPE CAPACITY APPROACHED - TO BE MONITORED
- INFILTRATION/INFLOW MONITORING MANHOLE

ELK RIVER
WITHER DITCH
CR 44C
CR
ELK RIVER RD CR 123
CR 14
SLATE CREEK
PROPOSED ELK RIVER WATER TREATMENT PLANT
WATER TREATMENT BACKWASH WASTE/ SANITARY SEWER
WEST STEAMBOAT SPRINGS AREA PLAN BOUNDARY
WEST STEAMBOAT SPRINGS PLAN AREA
Steamboat II
A
B
C
D
E
F
G
H
J-1
J-2
J-3
K
L
M-1
U.S. Hwy 40
Steamboat Golf Club
Yampa River
Railroad
Open Space
ABANDONED 24"
Riverside Picnic Park
Bear River Park
West Acres Drive
Steamboat Springs Airport
Steamboat Springs Airport Runway
URBAN GROWTH BOUNDARY
STEAMBOAT SPRINGS CITY LIMIT
Stock Bridge
Indian Trails
PRIVATE FORCE MAIN
Steamboat II Lift Station
WASTEWATER TREATMENT PLANT

Q_P= 0.93 MGD
1112 EQR

Q_P= 0.93 MGD
+I/I= Ñ0.4 MGD

Q_P= 10.4 MGD
+I/I Ñ2.4 MGD

Q_P= 1.08 MGD
1359 EQR

Q_P= 2.84 MGD
Q_C= 2.16 MGD

Q_P= 8,61 MGD
+I/I= ±2.4 MGD
Q_C= 13,1 MGD

Q_P= 0.86 MGD
+I/I= ±.120 MGD
Q_C= 2.78 MGD

SUBJECT SITE: BASECAMP

600 0 600 1200
1 inch = 600 feet

MATCH LINE SEE DRAWING S2

Prepared By:
McLaughlin Water Engineers, Ltd.
2300 15th Street, Suite 220
Denver, Colorado 80202
T 303.964.1313
F 303.964.1355

DECEMBER, 2009

S1

REACH	SUB REACH	Manhole U/S	Manhole D/S	Length (ft.)	Invert Elevations OUT	Invert Elevations IN	Pipe Slope	Pipe Diam. (in.)	Pipe Diam (ft.)	Mannings n	Q(full) (cfs)	Q(full) (gpd)	*Q(Allow) (cfs)	*Q(Allowable) (gpd)	Area (acres)	Existing (EQR)	Existing (Cum. EQR)	Existing Q-Ave (gpd)	Existing Q-Cumm. (gpd)	PEAK FACTOR	Domestic Peak Flow (gpd)	I & I (gpd)	I & I Cumm.	Existing **IPF (gpd)	Existing Excess Capacity	Percent Capacity	Proposed (EQR)	Ultimate (EQR)	Ultimate (Cum. EQR)	Ultimate Q-Ave (gpd)	Ultimate Q-Cumm. (gpd)	PEAK FACTOR	Domestic Peak Flow (gpd)	Ultimate IPF (gpd)	Ultimate Excess Capacity	Percent Capacity
K		56.1	56	164			0.0040	8	0.67	0.013	0.766	495,254		247,627			14	0	3,892	5.89	22929		0	22,929	224,698	5%			53	0	14,812	4.76	70462	70,462	177,165	14%
J-3 BASIN TRUNK																																				
J	J-3	48.4.33.5	48.4.33.4	225	6866.50	6860.69	0.0258	8	0.67	0.013	1.947	1,258,331		629,166		8	8	2,324	2,324	6.40	14869		0	14,869	614,297	1%	28	36	36	10136	10,136	5.05	51235	51,235	577,930	4%
J		48.4.33.4	48.4.33.3	110	6860.69	6859.00	0.0154	8	0.67	0.013	1.502	970,611		485,305		6	14	1,680	4,004	5.86	23482		0	23,482	461,823	2%	20	26	62	7280	17,416	4.64	80730	80,730	404,575	8%
J		48.4.33.3	48.4.33.2	68	6853.35	6852.35	0.0147	8	0.67	0.013	1.469	949,606		474,803		6	20	1,680	5,684	5.54	31517		0	31,517	443,286	3%	20	26	88	7280	24,696	4.38	108255	108,255	366,549	11%
J		48.4.33.2	48.4.33.1	264	6852.35	6842.40	0.0377	8	0.67	0.013	2.352	1,520,224		760,112		6	26	1,680	7,364	5.32	39176		0	39,176	720,937	3%	20	26	114	7280	31,976	4.21	134491	134,491	625,622	9%
J		48.4.33.1	48.4.33	175	6842.40	6838.00	0.0251	8	0.67	0.013	1.921	1,241,668		620,834		6	32	1,680	9,044	5.15	46557		0	46,557	574,277	4%		6	120	1680	33,656	4.17	140402	140,402	480,432	11%
J		48.4.33	48.4.32	111	6837.50	6828.50	0.0811	8	0.67	0.013	3.450	2,229,759		1,114,879		6	38	1,680	10,724	5.01	53720		0	53,720	1,061,159	2%		6	126	1680	35,336	4.14	146266	146,266	968,614	7%
J		48.4.32	48.4.31	282	6828.50		0.0400	8	0.67	0.013	2.423	1,566,131		783,066		6	44	1,680	12,404	4.89	60706		0	60,706	722,360	4%		6	132	1680	37,016	4.11	152085	152,085	630,980	10%
J		48.4.31	48.4.30	119			0.0050	8	0.67	0.013	0.857	553,711		276,855		6	50	1,680	14,084	4.80	67541		0	67,541	209,314	12%		6	138	1680	38,696	4.08	157863	157,863	118,993	29%
J		48.4.30	48.4.29	119			0.0070	8	0.67	0.013	1.014	655,160		327,580		6	56	1,680	15,764	4.71	74247		0	74,247	253,333	11%		6	144	1680	40,376	4.05	163600	163,600	163,980	25%
J		48.4.29	48.4.28	90			0.0070	8	0.67	0.013	1.014	655,160		327,580		6	62	1,680	17,444	4.63	80839		0	80,839	246,741	12%		6	150	1680	42,056	4.03	169299	169,299	158,280	26%
J		48.4.28	48.4.27	193			0.0620	8	0.67	0.013	3.017	1,949,818		974,909		6	68	1,680	19,124	4.57	87330		0	87,330	887,578	4%		6	156	1680	43,736	4.00	174962	174,962	799,946	9%
J		48.4.27	48.4.26	121			0.1040	8	0.67	0.013	3.908	2,525,311		1,262,655		6	74	1,680	20,804	4.51	93731		0	93,731	1,168,924	4%		6	162	1680	45,416	3.98	180591	180,591	1,082,065	7%
J		48.4.26	48.4.25	396			0.0710	8	0.67	0.013	3.229	2,086,543		1,043,271		6	80	1,680	22,484	4.45	100049		0	100,049	943,222	5%		6	168	1680	47,096	3.95	186186	186,186	857,086	9%
J		48.4.25	48.4.24	188			0.0740	8	0.67	0.013	3.296	2,130,169		1,065,084		6	86	1,680	24,164	4.40	106292		0	106,292	958,792	5%		6	174	1680	48,776	3.93	191749	191,749	873,335	9%
J		48.4.24	48.4.23	280			0.0340	8	0.67	0.013	2.234	1,443,902		721,951		6	92	1,680	25,844	4.35	112466		0	112,466	609,485	8%		6	180	1680	50,456	3.91	197282	197,282	524,669	14%
J		48.4.23	48.4.22	201			0.0680	8	0.67	0.013	3.160	2,041,985		1,020,993		6	98	1,680	27,524	4.31	118576		0	118,576	902,416	6%		6	186	1680	52,136	3.89	202785	202,785	818,208	10%
J		48.4.22	48.4.21	201			0.0201	8	0.67	0.013	1.718	1,110,187		555,094		6	104	1,680	29,204	4.27	124627		0	124,627	430,467	11%		6	192	1680	53,816	3.87	208260	208,260	346,834	19%
J		48.4.21	48.4.20	397			0.0179	8	0.67	0.013	1.621	1,047,670		523,835		6	110	1,680	30,884	4.23	130622		0	130,622	393,213	12%		6	198	1680	55,496	3.85	213707	213,707	310,128	20%
J		48.4.20	48.4.19	62			0.0081	8	0.67	0.013	1.090	704,759		352,379		6	116	1,680	32,564	4.19	136565		0	136,565	215,814	19%		6	204	1680	57,176	3.83	219129	219,129	133,251	31%
J		48.4.19	48.4.18	400		6711.22	0.0067	8	0.67	0.013	0.992	640,967		320,483		7	123	1,960	34,524	4.15	143437		0	143,437	177,046	22%		7	211	1960	59,136	3.81	225422	225,422	95,062	35%
J		48.4.18	48.4.17	402	6711.02	6708.31	0.0067	8	0.67	0.013	0.995	642,939		321,469		7	130	1,960	36,484	4.12	150247		0	150,247	171,222	23%		7	218	1960	61,096	3.79	231681	231,681	89,788	36%
J		48.4.17	48.4.16	163	6708.11	6706.73	0.0085	8	0.67	0.013	1.115	720,516		360,258		7	137	1,960	38,444	4.08	156999		0	156,999	203,260	22%		7	225	1960	63,056	3.77	237909	237,909	122,350	33%
J		48.4.16	48.4.15	63	6706.53		0.0095	8	0.67	0.013	1.181	763,238		381,619		7	144	1,960	40,404	4.05	163695		0	163,695	217,924	21%		7	232	1960	65,016	3.75	244105	244,105	137,514	32%
J		48.4.15	48.4.14	248		6691.70	0.0532	8	0.67	0.013	2.795	1,806,150		903,075		7	151	1,960	42,364	4.02	170346		0	170,346	732,735	9%		7	239	1960	66,976	3.74	250272	250,272	652,803	14%
J		48.4.14	48.4.13	382	6691.12		0.0165	10	0.83	0.013	2.822	1,823,756		911,878		7	158	1,960	44,324	3.99	176936		0	176,936	734,942	10%		7	246	1960	68,936	3.72	256410	256,410	655,468	14%
J		48.4.13	48.4.12.1	190		6682.15	0.0176	10	0.83	0.013	2.915	1,883,567		941,784		7	165	1,960	46,284	3.96	183485		0	183,485	758,298	10%		7	253	1960	70,896	3.70	262520	262,520	679,264	14%
J		48.4.12.1	48.4.12	190	6681.70		0.0176	10	0.83	0.013	2.915	1,883,567		941,784		7	172	1,960	48,244	3.94	189991		0	189,991	751,793	10%		7	260	1960	72,856	3.69	268603	268,603	673,181	14%
J		48.4.12	48.4.11	235			0.0094	10	0.83	0.013	2.130	1,376,540		688,270		7	179	1,960	50,204	3.91	196454		0	196,454	491,816	14%		7	267	1960	74,816	3.67	274660	274,660	413,610	20%
J		48.4.11	48.4.10	405			0.0090	10	0.83	0.013	2.084	1,346,933		673,467		7	186	1,960	52,164	3.89	202876		0	202,876	470,590	15%	28	35	302	9772	84,588	3.60	304494	304,494	368,972	23%
J		48.4.10	48.4.9.1	395		6669.50	0.0070	10	0.83	0.013	1.838	1,187,883		593,942		7	193	1,960	54,124	3.87	209261		0	209,261	384,681	18%	20	27	329	7560	92,148	3.55	327196	327,196	266,746	28%
J		48.4.9.1	48.4.9	39	6669.10		0.0050	10	0.83	0.013	1.553	1,003,945		501,972		7	200	1,960	56,084	3.84	215608		0	215,608	286,365	21%	20	27	356	7560	99,708	3.51	349601	349,601	152,371	35%
J		48.4.9	48.4.8	84			0.0180	10	0.83	0.013	2.947	1,904,851		952,426		7	207	1,960	58,044	3.82	221920		0	221,920	730,506	12%	20	27	383	7560	107,268	3.47	371736	371,736	580,690	20%
J		48.4.8	48.4.7	294			0.0060	12	1.00	0.013	2.767	1,788,341		894,171		7	214	1,960	60,004	3.80	228198		0	228,198	665,973	13%		7	390	1960	109,228	3.46	377433	377,433	516,737	21%
J		48.4.7	48.4.6	182			0.0099	12	1.00	0.013	3.554	2,297,166		1,148,583		7	221	1,960	61,964	3.78	234443		0	234,443	914,140	10%		7	397	1960	111,188	3.45	383114	383,114	765,469	17%
J		48.4.6	48.4.5	376			0.0100	12	1.00	0.013	3.572	2,308,739		1,154,369		7	228	1,960	63,924	3.76	240656		0	240,656	913,713	10%		7	404	1960	113,148	3.44	388779	388,779	765,590	17%
J	J-1	48.4.5	48.4.4	386			0.0026	12	1.00	0.013	1.822	1,177,230		588,615		80	308	22,400	86,324	3.59	309735		0	309,735	278,880	26%	20	100	504	28000	141,148	3.32	468130	468,130	120,485	40%
J		48.4.4	48.4.3	336			0.0022	12	1.00	0.013	1.676	1,082,895		541,447			308	0	86,324	3.59	309735		0	309,735	231,712	29%			504	0	141,148	3.32	468130	468,130	73,317	43%
J		48.4.3	48.4.2	70			0.0045	12	1.00	0.013	2.396	1,548,749		774,375			308	0	86,324	3.59	309735		0	309,735	464,640	20%			504	0	141,148	3.32	468130	468,130	306,244	30%
J		48.4.2	48.4.1	424			0.0034	12	1.00	0.013	2.083	1,346,215		673,107			308	0	86,324	3.59	309735		0	309,735	363,372	23%			504	0	141,148	3.32	468130	468,130	204,977	35%
J		48.4.1	48.4	419			0.0031	12	1.00	0.013	1.989	1,285,451		642,726			308	0	86,324	3.59	309735		0	309,735	332,991	24%			504	0	141,148	3.32	468130	468,130	174,596	36%
J	J-2	48.4	48.3	317			0.0055	15	1.25	0.013	4.804	3,104,437		2,173,106		195	504	54,684	141,008	3.32	467740		0	467,740	1,705,366	15%	91	286	790	80080	221,228	3.09	682819	682,819	1,490,287	22%
J		48.3	48.2	150			0.0367	16	1.33	0.013	14.739	9,525,281		6,667,697			504	0	141,008	3.32	467740		0	467,740	6,199,957	5%			790	0	221,228	3.09	682819	682,819	5,984,878	7%
J		48.2	48.1A	273			0.0030	16	1.33	0.013	4.214	2,723,362		1,906,354			504	0	141,008	3.32	467740		0	467,740	1,438,613	17%			790	0	221,228	3.09	682819	682,819	1,223,535	25%
																		0																		
																		0																		
J-2 BASIN TRUNK																		0																		
J	J-2	48.12.9	48.12.8	312			0.0290	8	0.67	0.013	2.063	1,333,513		666,756		35	35	9,884	9,884	5.08	50163		0	50,163	616,593	4%	91	126	126	35280	35,280	4.14	146071	146,071	520,685	11%
J		48.12.8	48.12.7	221			0.0134	8	0.67	0.013	1.403	906,464		453,232		10	45	2,800	12,684	4.88	61855		0	61,855	391,377	7%		10	136	2800	38,080	4.09	155749	155,749	297,483	17%
J		48.12.7	48.12.6	245			0.0260	8	0.67	0.013	1.954	1,262,655		631,328		10	55	2,800	15,484	4.72	73138		0	73,138	558,190	6%		10	146	2800	40,880	4.04	165314	165,314	466,014	13%
J		48.12.6	48.12.5	182			0.0450	8	0.67	0.013	2.570	1,661,133		830,566		10	65	2,800	18,284	4.60	84097		0	84,097	746,470	5%		10	156	2800	43,680	4.00	174774	174,774	655,792	11%
J		48.12.5	48.12.4	302			0.0390	8	0.67	0.013	2.393	1,546,431		773,215		10	75	2,800	21,084	4.50	94790		0	94,790	678,426	6%		10	166	2800	46,480	3.96	184138	184,138	589,077	12%
J		48.12.4	48.12.3	220			0.0330	8	0.67	0.013	2.201	1,422,509		711,255		10	85	2,800	23,884	4.41	105257		0	105,257	605,998	7%		10	176	2800	49,280	3.92	193412	193,412	517,843	14%
J		48.12.3	48.12.2	151			0.0290	8	0.67	0.013	2.063	1,333,513		666,756		10	95	2,800	26,684	4.33	115529		0	115,529	551,227	9%		10	186	2800	52,080	3.89	202602	202,602	464,154	15%
J		48.12.2	48.12.1	200			0.0517	8	0.67	0.013	2.755	1,780,506		890,253		10	105	2,800	29,484	4.26	125630		0	125,630	764,623	7%		10	196	2800	54,880	3.86	211713	211,713	678,540	12%
J		48.12.1	48.12	375			0.0134	8	0.67	0.013	1.403	906,464		453,232		105		0	29,484	4.26	125630		0	125,630	327,602	14%			196	0	54,880	3.86	211713	211,713	241,519	23%
J		48.12	48.11A	180		6686.06	0.0270	8	0.67	0.013	1.991	1,286,708		643,354		10	115	2,800	32,284	4.20	135578		0	135,578	507,776	11%		10	206	2800	57,680	3.83	220750	220,750	422,604	17%
J		48.11A	48.11	61	6685.86		0.0050	8	0.67	0.013	0.857	553,711		276,855		10	125	2,800	35,084	4.14	145389		0	145,389	131,467	26%		10	216	2800	60,480	3.80	229717	229,717	47,138	41%
J		48.11	48.10	350			0.0320	8	0.67	0.013	2.167	1,400,790		700,395		10	135	2,800	37,884	4.09	155075		0	155,075	545,320	11%		10	226	2800	63,280	3.77	238618	238,618	461,777	17%
J		48.10	48.9	197			0.0160	8	0.67	0.013	1.533	990,508		495,254		10	145	2,800	40,684	4.05	164648		0	164,648	330,606	17%		10	236	2800	66,080	3.74	247456	247,456	247,798	25%
J		48.9	48.8	360			0.0100	8	0.67	0.013	1.212	783,066		391,533		10	155	2,800	43,484	4.00	174115		0	174,115	217,418	22%		10	246	2800	68,880	3.72	256235	256,235	135,298	33%
J		48.8	48.7	175			0.0400	8	0.67	0.013	2.423	1,566,131		783,066		10	165	2,800	46,284	3.96	183485		0	183,485	599,580	12%		10	256	2800	71,680	3.70	264956	264,956	518,109	17%
J		48.7	48.6	398			0.0032	10	0.83	0.013	1.243	803,156		401,578		10	175	2,800	49,084	3.93	192766		0	192,766	208,812	24%		10	266	2800	74,480	3.67	273623	273,623	127,955	34%
J		48.6	48.5	270			0.0030	10	0.83	0.013	1.203	777,652		388,826		10	185	2,800	51,884	3.89	201961		0	201,961	186,865	26%		10	276	2800	77,280	3.65	282238	282,238	106,588	36%
J		48.5	48.4	80			0.0120	10	0.83	0.013	2.407	1,555,305		777,652		10	195	2,800	54,684	3.86	211078		0	211,078	566,575	14%		10	286	2800	80,080	3.63	290804	290,804	486,849	19%
J-1 BASIN TRUNK																																				
J	J-1	48.1A.7	48.1A.6A	131			0.0040	8	0.67	0.013	0.766	495,254		247,627		20	20	5,600	5,600	5.56	31126	5,000	5,000	36,126	211,501	7%	108	128	128	35728	35,728	4.13	147627	152,627	95,000	31%
J		48.1A.6A	48.1A.6	269			0.0040	8	0.67	0.013	0.766	495,254		247,627		20	40	5,600	11,200	4.97	55716	5,000	10,000	65,716	181,911	13%		20	148	5600	41,328	4.04	166834	176,834	70,793	36%
J		48.1A.6	48.1A.5	82		6652.16	0.0050	8	0.67	0.013	0.857	553,711		276,855		20	60	5,600	16,800	4.66	78325	5,000	15,000	93,325	183,531	17%		20	168	5600	46,928	3.96	185628	200,628	76,228	36%
J		48.1A.5	48.1A.4	240	6652.16		0.0050	8	0.67	0.013	0.857	553,711		276,855		20	80	5,600	22,400	4.45	99725	5,000	20,000	119,795	157,470	22%		20	188	5600	52,528	3.88	204065	220,065	52,791	40%
J		48.1A.4	48.1A.3	398			0.0040	8	0.67	0.013	0.766	495,254		247,627		20	100	5,600	28,000	4.30	120296	5,000	25,000	145,296	102,331	29%		20	208	5600	58,128	3.82	222189	247,189	438	50%
J		48.1A.3	48.1A.2	327			0.0040	8	0.67	0.013	0.766	495,254		247,627		20	120	5,600	33,600	4.17	140205	5,000	30,000	170,205	77,422	34%		20	228	5600	63,728	3.77	240036	270,036	-22,409	55%
J		48.1A.2	48.1A.1	398			0.0040	8	0.67	0.013	0.766	495,254		247,627		20	140	5,600	39,200	4.07	159588	5,000	35,000	194,588	53,039	39%		20	248	5600	69,328	3.72	257634	292,634	-45,007	59%
J		48.1A.1	48.1A	35			0.0040	8	0.67	0.013	0.766	495,254		247,627		29	169	8,036	47,236	3.95	186651	15,000	50,000	236,651	10,977	48%		29	276	8036	77,364	3.65	282496	332,496	-84,869	67%
J	J-3 + J-2	48.1A	48.1	143			0.0030	16	1.33	0.013	4.214	2,723,362		1,906,354		504	672	141,008	188,244	3.17	596219	10,000	60,000	656,219	1,250,135	24%	267	770	1046	215628	292,992	2.95	864567	924,567	981,787	34%
J		48.1	48	90			0.0044	15	1.25	0.013	4.296	2,776,693		1,943,685			672	0	188,244	3.17	596219	60,000	120,000	716,219	1,227,466	26%			1046	0	292,992	2.95	864567	984,567	959,118	35%
H BASIN TRUNK																																				
H	H	POSSIBLE MISSING LINE								0.013	0.000	0		0		20	20	5,600	5,600	5.56	31126		0	31,126	-31,126			20	20	5600	5,600	5.56	31126	31,126	-31,126	
H		44.10	44.9	559			0.0012	6	0.50	0.013	0.195	125,956		62,978		20	40	5,600	11,200	4.97	55716		0	55,716	7,262	44%		20	40	5600	11,200	4.97	55716	55,716	7,262	44%
H		44.9	44.8	58			0.0050	6	0.50	0.013	0.398	257,107		128,553		20	60	5,600	16,800	4.66	78325		0	78,325	50,228			20	60	5600	16,800	4.66	78325	78,325	50,228	
H		44.8	44.7	382			0.0050	6	0.50	0.013	0.398	257,107		128,553		14	74	3,948	20,748	4.51	93519		0	93,519	35,034			14	74	3948	20,748	4.51	93519	93,519	35,034	
H		44.7	44.6	84			0.0050	6	0.50	0.013	0.398	257,107		128,553			74	0	20,748	4.51	93519		0	93,519	35,034				74	0	20,748	4.51	93519	93,519	35,034	
H		44.6	44.5	271			0.0253	6	0.50	0.013	0.895	578,347		289,173			74	0	20,748	4.51	93519		0	93,519	195,654				74	0	20,748	4.51	93519	93,519	195,654	
H		44.5	44.4	224			0.0041	8	0.67	0.013	0.776	501,407		250,703			74	0	20,748	4.51	93519		0	93,519	157,184	19%			74	0	20,748	4.51	93519	93,519	157,184	19%
H		44.4	44.3	288			0.0041	8	0.67	0.013	0.776	501,407		250,703			74	0	20,748	4.51	93519		0	93,519	157,184	19%			74	0	20,748	4.51	93519	93,519	157,184	19%
H		44.3	44.2	194			0.0040	8	0.67	0.013	0.766	495,254		247,627			74	0	20,748	4.51	93519		0	93,519	154,108	19%			74	0	20,748	4.51	93519	93,519	154,108	19%
H		44.2	44.1	219			0.0050	8	0.67	0.013	0.857	553,711		276,855			74	0	20,748	4.51	93519		0	93,519	183,336	17%			74	0	20,748	4.51	93519	93,519	183,336	17%
H		44.1	44	30		6631.86	0.0040	8	0.67	0.013	0.766	495,254		247,627			74	0	20,748	4.51	93519		0	93,519	154,108	19%			74	0	20,748	4.51	93519	93,519	154,108	19%
H																																				
G BASIN TRUNK																																				
G	G	42.8	42.7	187			0.0060	8	0.67	0.013	0.939	606,560		303,280		8	8	2,100	2,100	6.50	13655		0	13,655	289,625	2%	63	70	70	19712	19,712	4.54	89581	89,581	213,699	15%
G		42.7	42.6	298			0.0400	8	0.67	0.013	2.423	1,566,131		783,066		8	16	2,240	4,340	5.79	25126		0	25,126	757,939	2%		8	78	2240	21,952	4.47	98057	98,057	685,009	6%
G		42.6	42.5	139			0.0050	8	0.67	0.013	0.857	553,711		276,855		8	24	2,240	6,580	5.42	35641		0	35,641	241,215	6%		8	86	2240	24,192	4.40	106396	106,396	170,460	19%
G		42.5	42.4	110			0.0050	8	0.67	0.013	0.857	553,711		276,855		8	32	2,240	8,820	5.17	45586		0	45,586	231,269	8%		8	94	2240	26,432	4.34	114612	114,612	162,244	21%
G		42.4	42.3	163			0.0050	8	0.67	0.013	0.857	553,711		276,855		8	40	2,240	11,060	4.98	55131		0	55,131	221,725

City of Steamboat Springs

Department of Planning & Community Development
P.O. Box 775088, Steamboat Springs, CO 80477
(970) 871-8258

Submittal Requirement Waiver: Waivers must be approved by the respective reviewing agency and the approved waiver must be submitted with the application to be considered complete. If the waiver is not approved, the report is required for a complete submittal.

Project Information

Project Name Basecamp Square

Physical Address 1950 Curve Court and Unassigned - vacant land adjacent to former Pilot Building

Legal Description Portion of Lot 1 and all of Lot 2, Worldwest Subdivision

Parcel ID # 278600001 and 278600002

To waive any of the following items, contact the Community Development Engineer at 970-871-8227 or sking@steamboatsprings.net

Traffic Impact Analysis Report

Reason for Waiver _____

Approved? ☐ Y ☐ N Determined By _____ Date _____

Soils & Geo-Technical Report

Reason for Waiver _____

Approved? ☐ Y ☐ N Determined By _____ Date _____

Drainage Study

Reason for Waiver _____

Approved? ☐ Y ☐ N Determined By _____ Date _____

To waive the report below, contact City of Steamboat Springs Water District Utilities Engineer at 970-871-8211 or agregory@steamboatsprings.net

Water Demand Report

Reason for Waiver Project proposes 38 units (37 EQRs) which is exempt from the water demand report requirement.

Approved? ☒ Y ☐ N Determined By Amber Gregory Date August 10, 2021

WATER DEMAND WORKSHEET
City of Steamboat Springs

Note to Applicants: Please complete all information. Additional comments to be entered under section 8 below.

Project Name: Basecamp Square
Contact Person: Erik Griepentrog
Telephone: 970-846-2592
Email: erikg@landmark-co.com
Date: 08/06/2021

Description of Proposed Project: Construction of multiple buildings and exterior amenity space on a +/- 2.4-acre parcel bounded by Lincoln Avenue, Elk River Rd, Curve Ct, and a new interior road proposed by the owner. On the Southern end of the block, (14) 4-story townhomes are to be constructed in (3) separate clusters, and (24) condominium units will be constructed in (2) garden-style mulitfamily buildings. Central to the block, a 50-space shared parking lot will be constructed to serve all uses within the site. On the Northern end of the block, an exterior amusement amenity will be created, containing one exterior, 8,000-sf covered space; one 800-sf bar/restaurant building, and an outdoor gathering plaza.

Location of Project (qtr qtr section, township, range, lot/filing) (attach legal description): Portion of Lot 1 and all of Lot 2, Worldwest Subdivision

Total Area (square feet or acres): 2.54 Acres

Has this area been annexed into City limits? Yes x / No

Is this project a redevelopment of existing lots and structures? Yes / No X*

*The property is currently vacant but previously platted

If Yes, identify by water/sewer billing address:

1. RESIDENTIAL INDOOR WATER DEMAND

A.	Detached single family lots (number):	0	
	Average lot size:		square feet
B.	Average floor area of house:	0	square feet
	(inclusive of garage and unfinished basement)		
C.	Greater of A or A x B/3,000:	0	single family equivalents (SFEs)
D.	In-house demand (C x 0.392):	0	acre-feet per year
E.	Multi-family units (number):	38	
	(inclusive of duplex, condominium, townhouse, and apartment units)		
F.	Average floor area of unit:	1,291	square feet
	(inclusive of garage and unfinished basement)		
G.	Greater of E or E x F/3,000:	38	single family equivalents (SFEs)
H.	In-house demand (G x 0.336):	12.768	acre-feet per year
I.	**Total indoor demand (D + H):**	12.768	acre-feet per year
J.	**Total residential SFEs:**	38	SFEs

2. IRRIGATION WATER DEMAND

Describe irrigation methods (sprinkler, drip, etc.)

A. Average irrigated area per detached single family lot:		square feet
B. Irrigated area (1A x 2A/43,560):	0	acres
C. Average irrigated area per multi-family unit:	200	square feet
D. Irrigated area (1E x 2C/43,560)	0.174472	acres
E. Other irrigated areas:		
1. Irrigated parks		acres
2. Irrigated entry features		acres
3. Irrigated street ROW		acres
4. Common space		acres
5. Total other	0	acres
F. Total irrigated area (2B + 2D + 2E5):	0.174472	acres
G. Total irrigation demand (2F x 2.5)	0.43618	

3. OTHER OUTDOOR WATER USES

A. Pond water surface area:	N/A	square feet
B. Fountain water surface area:	N/A	square feet
C. Swimming pool:		
1. Surface area	N/A	square feet
2. Volume	N/A	gallons

4. OTHER INDOOR WATER USES

A. Retail (square feet x 0.000112)		square feet	0	0.10 gpd/sqft
B. Office (square feet x 0.000179)		square feet	0	0.16 gpd/sqft
C. Warehouse or Storage (square feet x 0.0000672)		square feet	0	0.06 gpd/sqft
D. Motel/hotel without kitchens (room x 0.1120)		guest rooms	0	100 gpd/room
E. Motel/hotel with kitchens (room x 0.1680)		guest rooms	0	150 gpd/room
F. Restaurant (seat x 0.0392)	51	seats	1785	35 gpd/seat
G. Tavern		seats	0	20 gpd/seat
H. Other (describe)				
I. Total other indoor water usage			1785	gpd

Describe below the expected number of employees/guests/daily hours and anything that impacts the number of people using the facilities or special features such as swimming pools, hot tubs, or other indoor water features. Use the Comments worksheet if more space is needed: **No special features are proposed.**

5. AVERAGE ANNUAL CONSUMPTION USAGE (FOR CITY OF STEAMBOAT SPRINGS STAFF USE)

	Demand (acre-feet)	Consumptive Use (acre-feet)
A. Indoor usage		
B. Outdoor usage		
C. Total		

6. APPLICANT

Project Name: Basecamp Square
By (print name): FV Basecamp, LLC
(Owner/Authorized Representative)
Title:
Signature:
Date:

7. CITY

Verified by (print name):
(City employee)
Title:
Signature:
Date:

8. ADDITIONAL COMMENTS