



**COLORADO**

**Colorado Water  
Conservation Board**

Department of Natural Resources

1313 Sherman Street, Room 718  
Denver, CO 80203

June 10, 2015

Mr. Finn Kjome, Public Works Director  
Town of Mountain Village  
455 Mountain Village Boulevard, Suite A  
Mountain Village, CO 81435

RE: Notice to Proceed - WSRA Grant – POGG1 2015-288 Town of Mountain Village 2015  
Waterline Extension Project in the Southwest River Basin

Dear Finn,

This letter is to inform you that the purchase order to assist in the above WSRA grant project was approved on June 10, 2015. This email serves as the original documentation for your records.

With the executed purchase order, you are now able to proceed with the project and invoice the State of Colorado for costs incurred through August 31, 2015 according to the schedule in Exhibit A. Please provide the project name, contract or purchase order number, and basin when corresponding with or invoicing the State of Colorado for your project. Upon receipt of your invoice(s), the State of Colorado will provide payment no later than 30 days after review and signed approval by the project manager. I wish you much success in your project.

If you have any questions or concerns regarding the project, please contact me. You can contact Dori Vigil at 303-866-3441 ext. 3250 for invoicing and payment disbursement questions.

Sincerely,

//s//

***Craig Godbout***  
***Program Manager***  
***Colorado Water Conservation Board***  
***Water Supply Planning Section***  
1313 Sherman Street, Suite 718  
Denver CO 80203  
 [\(303\) 866-3441, ext 3210 \(office\)](tel:3038663441)  
 [\(303\) 547-8061 \(cell\)](tel:3035478061)  
[craig.godbout@state.co.us](mailto:craig.godbout@state.co.us)

Attachments





STATE OF COLORADO  
Department of Natural Resources

<b>ORDER</b>		<b>** IMPORTANT **</b>				
Number: POGG1 PDAA 20150000000000000288		The order number and line number must appear on all invoices, packing slips, cartons and correspondence				
Date: 06/10/15						
Description: PDAA 2500 WSRA 2015 WATERLINE EXT PROJECT		<b>BILL TO</b>				
Effective Date: 06/10/15      Expiration Date: 08/31/15		COLORADO WATER BOARD CONSERVATION				
<b>BUYER</b>		1313 SHERMAN STREET, ROOM 718				
Buyer:		DENVER, CO 80203				
Email:		<b>SHIP TO</b>				
<b>VENDOR</b>		COLORADO WATER BOARD CONSERVATION				
TOWN OF MOUNTAIN VILLAGE		1313 SHERMAN STREET, ROOM 718				
455 MOUNTAIN VILLAGE BLVD		DENVER, CO 80203				
UNIT A		<b>SHIPPING INSTRUCTIONS</b>				
MOUNTAIN VILLAGE, CO 81435-9459		Delivery/Install Date:				
Contact: Finn Kjome		F.O.B:				
Phone: 9703696806		<b>VENDOR INSTRUCTIONS:</b>				
<b>Line Item</b>	<b>Commodity/Item Code</b>	<b>UOM</b>	<b>QTY</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>MSDS Req.</b>
1	G1000		0	0.00	\$30,000.00	<input type="checkbox"/>
Description: PDAA 2500 WSRA 2015 WATERLINE EXT PROJECT IN THE SW BASIN						
Service From: 06/10/15      Service To: 08/31/15						
<b>TERMS AND CONDITIONS</b>						
<a href="https://www.colorado.gov/osc/purchase-order-terms-conditions">https://www.colorado.gov/osc/purchase-order-terms-conditions</a>						
<b>DOCUMENT TOTAL = \$30,000.00</b>						

**Exhibit A**  
**Statement of Work**

**WATER ACTIVITY NAME** – *Town of Mountain Village 2015 Waterline Extension Project*

**GRANT RECIPIENT** – *Town of Mountain Village*

**FUNDING SOURCE** – *Southwest Basin Roundtable*

**INTRODUCTION AND BACKGROUND**

*The Town of Mountain Village provides potable water to an area of approximately 3.3 square miles and a population of 1,320 people. The Town’s existing water supply is sufficient to meet potable water demands. However, recent water modeling has demonstrated that fire flows in the western portion of the Town are marginal in fighting a large structural fire, particularly one encompassing more than one home or a wildfire. The overall objective of the 2015 Waterline Extension Project (project) is to increase reliability and redundancy of the Town’s water system, particularly to meet emergency water demand needs in the western portion of the Town. The project will connect two existing water storage tanks via a proposed 13,815-foot long, 10-inch diameter waterline. The waterline will help to feed water directly to the western portion of the Town from the Town’s most reliable water source. As part of the project, the Town will take advantage of pressure differentials in the system by installing up to two micro-hydroelectric generators.*

**OBJECTIVES**

*The overall objective of the Town of Mountain Village 2015 Waterline Extension Project is to increase reliability and redundancy of the Town’s water system, particularly to meet emergency water demand needs in the western portion of the town. The project will simultaneously take advantage of pressure differentials in the system by installing “green energy” micro-hydroelectric generators.*

**TASKS**

**TASK 1 – PRECONSTRUCTION ACTIVITIES (DESIGN)**

Description of Task

*Task includes preparation of design drawings and bidding documents*

Method/Procedure

*Design is complete.*

Deliverable

*Plans and specifications.*

## **TASK 2 – CONSTRUCTION OF 10-INCH WATERLINE AND APPURTENANCES**

### Description of Task

*Construction of the project will include installation of a 13,815-foot long, 10-inch diameter welded steel and welded HDPE Waterline connecting the Wapiti and San Joaquin water storage tanks.*

### Method/Procedure

*The project design is complete and the project has gone out to bid. Construction is anticipated to begin in May of 2015. The waterline will be installed via trench excavation.*

### Deliverable

*Completed project installed per the engineered plans and specifications. During construction, the Town of Mountain Village will submit a progress report every 6 months to the CWCB. Upon project completion, the Town will submit a final report to the CWCB as well as copies of as-built drawings.*

## **TASK 3 – CONSTRUCTION MANAGEMENT**

### Description of Task

*Construction management will take place throughout project construction.*

### Method/Procedure

*Construction management will include daily inspections, as well as submittals review, pay request processing, and grant paperwork.*

### Deliverable

*Completed project installed per the engineered plans and specifications. During construction, the Town of Mountain Village will submit a progress report every 6 months to the CWCB. Upon project completion, the Town will submit a final report to the CWCB as well as copies of as-built drawings.*

## **REPORTING AND FINAL DELIVERABLE**

*Reporting: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe the completion or partial completion of the tasks identified in the statement of work including a description of any major issues that have occurred and any corrective action taken to address these issues.*

*Final Deliverable: At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.*

## **BUDGET**

*The Town of Mountain Village is seeking funding for project construction only. Therefore, the budget below includes all costs for engineering and feasibility assessments, but does not include a requested match from CWCB.*

**TABLE 1  
TOWN OF MOUNTAIN VILLAGE  
WATERLINE COST ESTIMATE\***

<b>TASK</b>	<b>ITEM</b>	<b>Projected Cost</b>	<b>TMV Share</b>	<b>WSRA Share</b>	<b>TOTAL</b>
(1)	Preconstruction Activities (Design)	\$111,000	\$111,000	\$0	\$111,000
(2)	Construction of 10-inch waterline and appurtenances	\$1,500,000	\$1,470,000	\$30,000	\$1,500,000
(3)	Construction Management	\$16,070	\$16,070	\$0	\$16,070
<b>TOTAL</b>					<b>\$1,627,070</b>

## **SCHEDULE**

*Anticipated Project Schedule:*

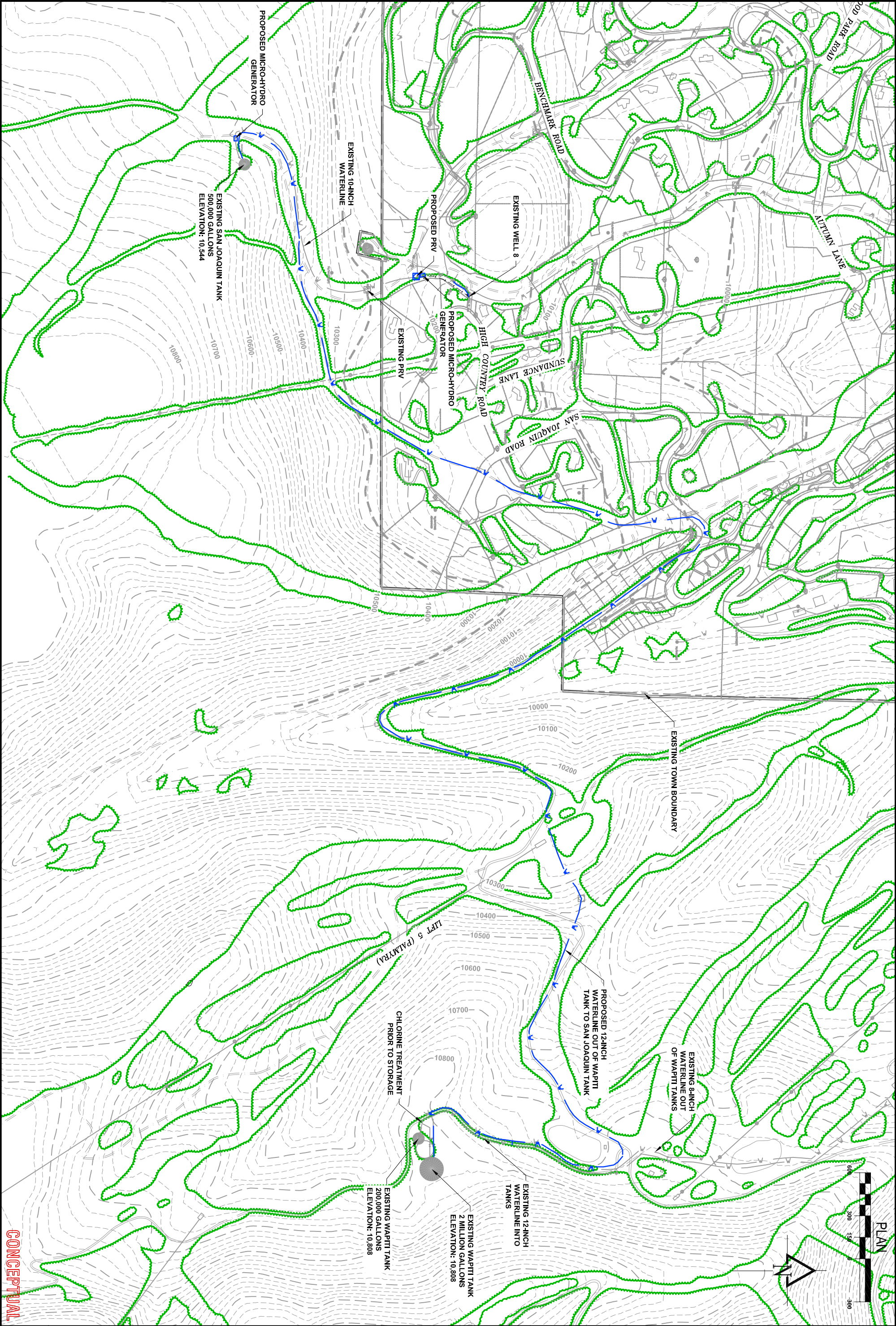
**Table 2  
Town of Mountain Village  
2015 Waterline Extension Construction Schedule**

<b>TASK</b>	<b>ITEM</b>	<b>START DATE</b>	<b>FINISH DATE</b>
(1)	Preconstruction Activities (Design)	Task Completed	Task Completed
(2)	Construction of 10-inch waterline and appurtenances	Notice To Proceed	AUG 2015
(3)	Construction Management	Notice to Proceed	AUG 2015



## **PAYMENT**

*Payment will be made based on actual expenditures and invoicing by the applicant. Invoices from any other entity (i.e. subcontractors) cannot be processed by the State. The request for payment must include a description of the work accomplished by major task, and estimate of the percent completion for individual tasks and the entire water activity in relation to the percentage of budget spent, identification of any major issues and proposed or implemented corrective actions. The last 5 percent of the entire water activity budget will be withheld until final project/water activity documentation is completed. All products, data and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and help promote the development of a common technical platform.*

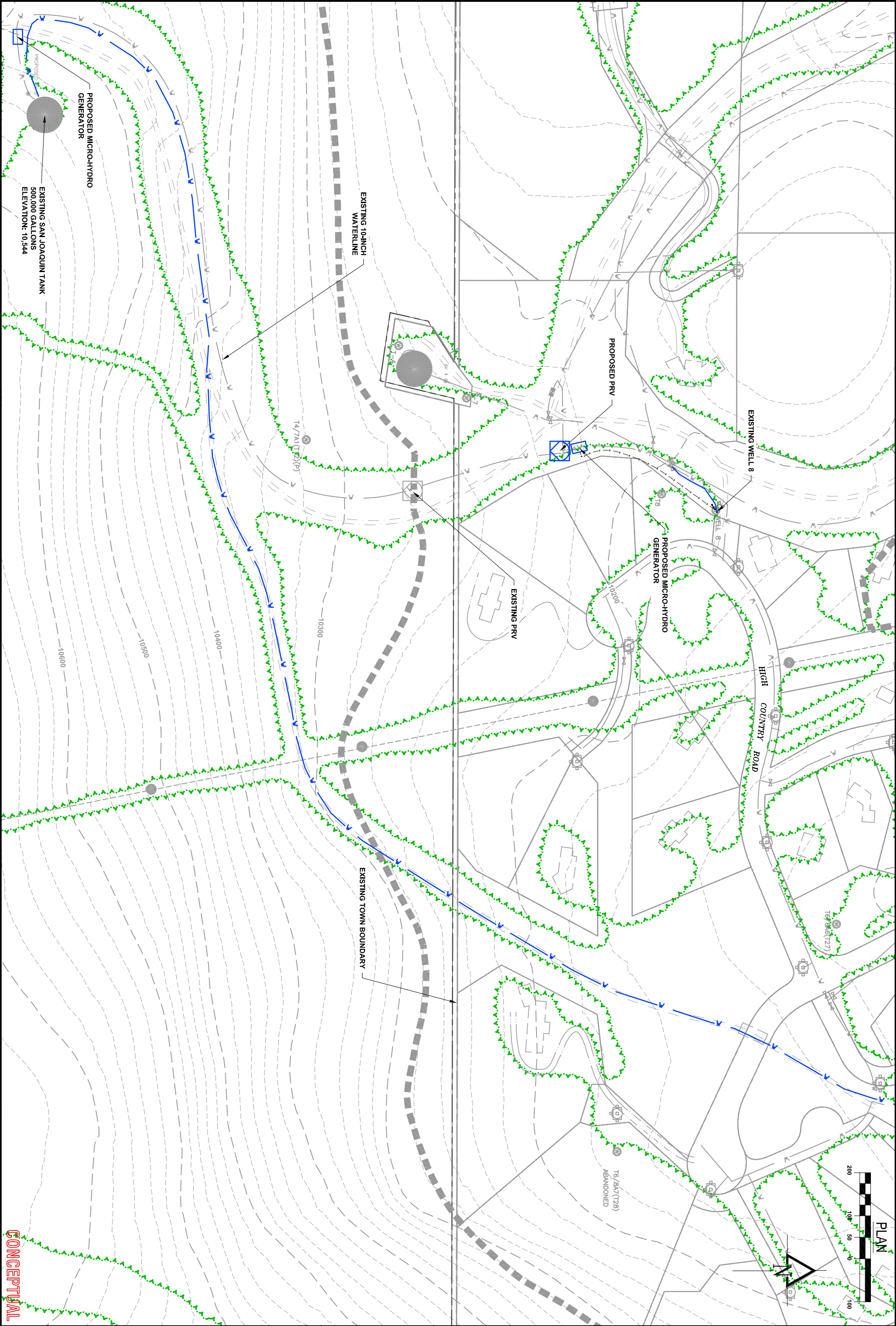




CONCEPTUAL

SP-1	1 OF 1	Date of Submittal 04/17/2014	Drawn: BN Checked: BF		<b>Russell Planning &amp; Engineering, Inc.</b> Civil Engineering Services 934 Main Avenue, Unit C Durango, Colorado 81301 Phone: (970) 385-4546 Fax: (970) 385-4502	<b>TOWN OF MOUNTAIN VILLAGE PROPOSED WATERLINE SITE PLAN - OVERALL</b>	REVISIONS:	 CALL 811 TWO WORKING DAYS BEFORE YOU DIG <small>Know what's below. Call before you dig.</small>

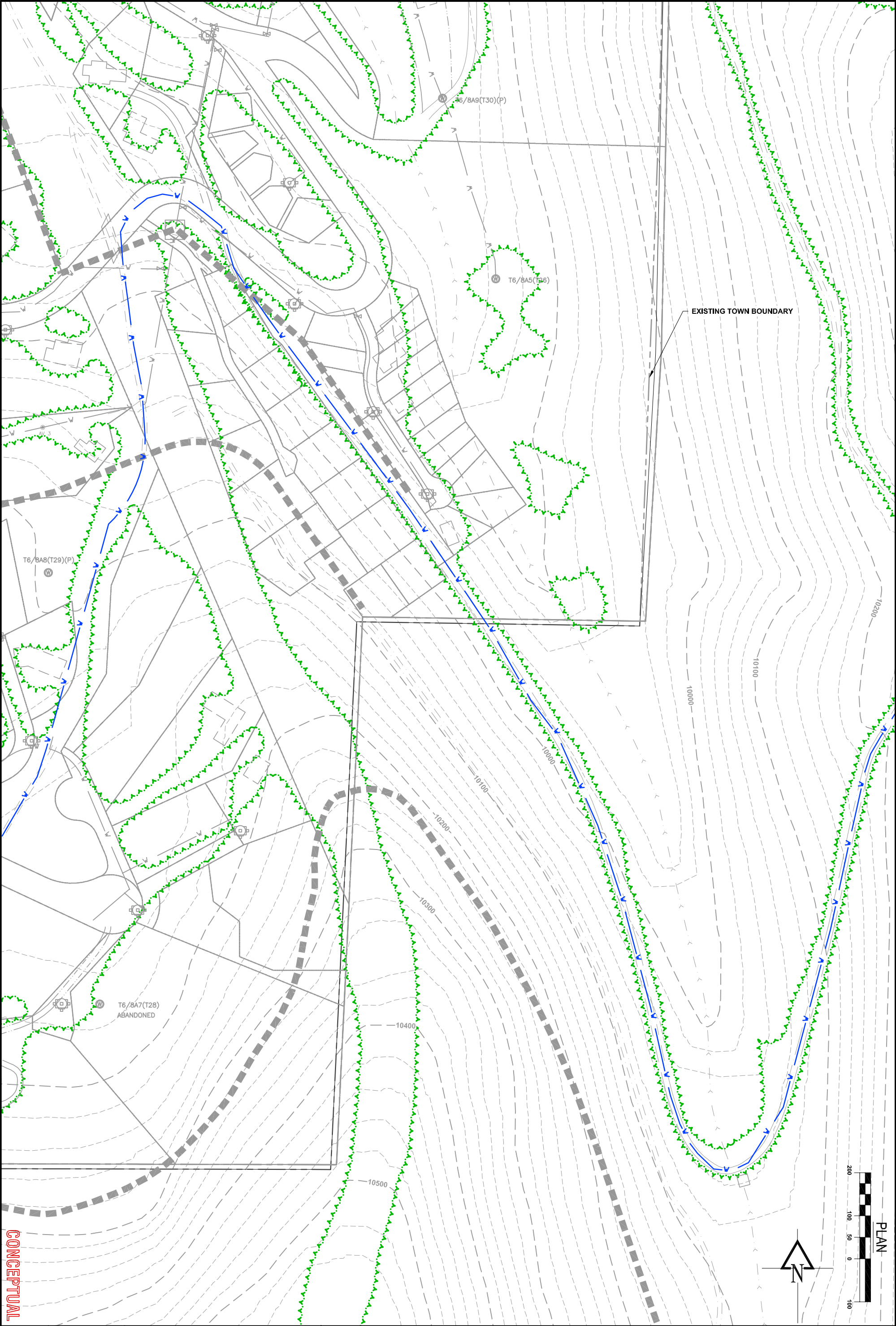




CONCEPTUAL

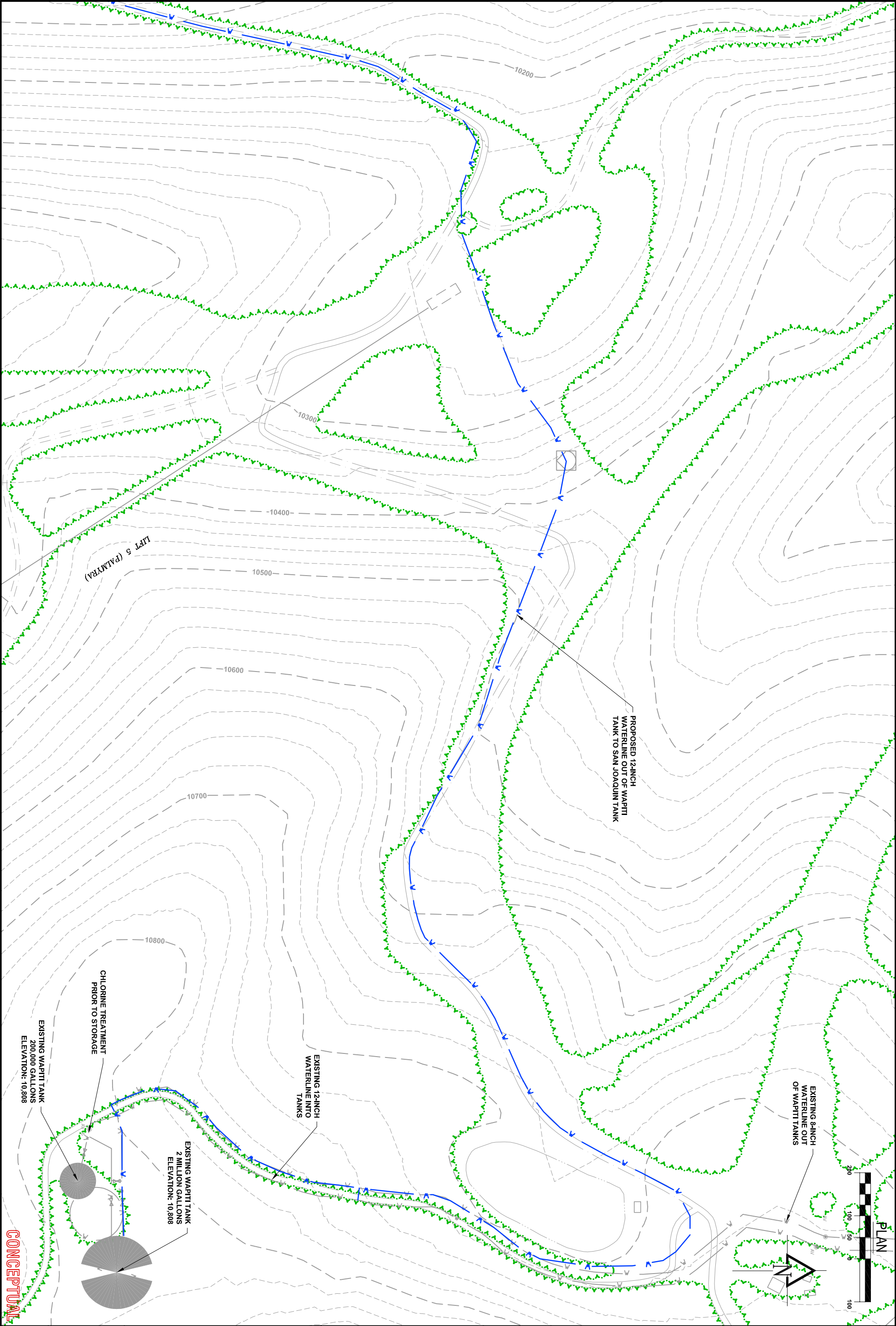
<div><div><div></div><div>Russell Planning &amp; Engineering</div></div><div><b>Russell Planning &amp; Engineering, Inc.</b> Civil Engineering Services 934 Main Avenue, Unit C Durango, Colorado 81301 Phone: (970) 385-4546 Fax: (970) 385-4502</div></div>		<div>TOWN OF MOUNTAIN VILLAGE PROPOSED WATERLINE SITE PLAN WEST</div>		<div>REVISIONS:</div> <table><tr><td> </td><td> </td></tr></table>			





CONCEPTUAL

<div>SP-3</div> <div>1 OF 1</div>		<div>Date of Submittal</div> <div>04/17/2014</div>	<div>Drawn:</div> <div>BN</div> <div>Drafted:</div> <div>BN</div> <div>Checked:</div> <div>BF</div>	<div></div> <div><b>Russell Planning &amp; Engineering, Inc.</b> Civil Engineering Services 934 Main Avenue, Unit C Durango, Colorado 81301 Phone: (970) 385-4546 Fax: (970) 385-4502</div>	<div>TOWN OF MOUNTAIN VILLAGE</div> <div>PROPOSED WATERLINE</div> <div>SITE PLAN MID</div>	<div>REVISIONS:</div> <div></div>	<div></div> <div>CALL 811 TWO WORKING DAYS BEFORE YOU DIG</div> <div>Know what's below. Call before you dig.</div>
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CONCEPTUAL

LEFT 5 (PALMIRA)

PROPOSED 12-INCH  
WATERLINE OUT OF WAPITI  
TANK TO SAN JOAQUIN TANK

EXISTING 12-INCH  
WATERLINE INTO  
TANKS

EXISTING 8-INCH  
WATERLINE OUT  
OF WAPITI TANKS

CHLORINE TREATMENT  
PRIOR TO STORAGE

EXISTING WAPITI TANK  
200,000 GALLONS  
ELEVATION: 10,808

EXISTING WAPITI TANK  
2 MILLION GALLONS  
ELEVATION: 10,808

SP-4	1 OF 1	Date of Submittal 04/17/2014	Drawn: Drafted: Checked: BF BN BF	 <b>Russell Planning &amp; Engineering, Inc.</b> Civil Engineering Services 934 Main Avenue, Unit C Durango, Colorado 81301 Phone: (970) 385-4546 Fax: (970) 385-4502	<b>TOWN OF MOUNTAIN VILLAGE PROPOSED WATERLINE SITE PLAN EAST</b>	REVISIONS:	 <b>811</b> Know what's below. Call before you dig. <b>CALL 811 TWO WORKING DAYS BEFORE YOU DIG</b>