



**Project No. James. 011**



**RG AND ASSOCIATES, LLC**

4885 Ward Road, Suite 100 • Wheat Ridge, CO 80033  
Gypsum • Loveland • Monte Vista • Wheat Ridge  
[www.rgengineers.com](http://www.rgengineers.com) • 303-293-8107

## DISCUSSION TOPICS:

- Project Schedule
- Construction Plans
- Easement Requirements
- Existing Curb Stops to Remain in Place
- Property Owners with no Septic Records
- Traffic Control





# **CONSTRUCTION PLANS**

2015 WATER SYSTEM IMPROVEMENTS

# TOWN OF JAMESTOWN CONSTRUCTION PLANS 2015 WATER SYSTEM IMPROVEMENTS TOWN OF JAMESTOWN, BOULDER COUNTY, COLORADO

## CONTACT LIST

### TOWN OF JAMESTOWN

CONTACT: MARY ELLEN BURCH, TOWN CLERK  
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CONTACT: JENNIFER AIETA, P.E., TOWN ENGINEER  
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CONTACT: JON ASHTON, WATER OPERATIONS (ORC)  
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### RG AND ASSOCIATES

ENGINEER CONTACT:  
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CONSTRUCTION MANAGEMENT CONTACT:  
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COLORADO 811  
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SHEET INDEX	
SHEET NO.	SHEET TITLE
C1	COVER SHEET
C2	GENERAL NOTES
C3	KEY MAP
C4	UPPER MESA STREET WATER LINE PLAN STA 0+00 TO 5+50
C5	UPPER MESA STREET WATER LINE PLAN STA 5+50 TO 11+00
C6	LOWER MESA STREET WATER LINE PLAN STA 11+00 TO 16+00
C7	LOWER MESA STREET WATER LINE PLAN STA 16+00 TO 19+74
C8	SPRUCE STREET WATER MAIN PLAN AND PROFILE
C9	15TH STREET WATER MAIN PLAN AND PROFILE
C10	WATER LINE DETAILS
C11	WATER LINE DETAILS
C12	MESA STREET EROSION CONTROL AND POTHOLE LOCATIONS SHEET
C13	SPRUCE STREET EROSION CONTROL AND POTHOLE LOCATION SHEET
C14	15TH STREET EROSION CONTROL AND POTHOLE LOCATION SHEET
C15	EROSION CONTROL DETAILS

PROJECT BENCHMARKS:  
FOUND PIN WITH 2 INCH ALUMINUM CAP  
MARKED "PLS 23532" LOCATED AT THE  
SOUTHWEST CORNER OF 122 MESA ST 58,  
LOTS 66-70, BLOCK 7  
N= 1284781.8840  
E= 3030992.2130  
ELEV.= 7010.34

PREPARED UNDER THE SUPERVISION OF:

NICHOLAUS P. MARCOTTE, P.E. SENIOR PROJECT ENGINEER



DATE

DRAWN BY: JAW

DESIGNED BY: NPM

JOB NUMBER: 1077.0001

DATE: APRIL 2015

SCALE: N/A

DRAWING TITLE: 1077.0001 COVER-015.dwg

SHEET NO: C1 of 15

48 Hours before any call utility  
NOTIFICATION CENTER OF COLORADO (NCCO)  
**811**  
Call before you dig  
Scale Verification  
BMP IS ONE INCH ON ORIGINAL DRAWING  
IF NOT ONE INCH ON THIS SHEET  
SCALE: 1"=500'

REV	DATE	DESCRIPTION
1	04/28/2015	NPM
2	05/05/2015	JAW
3	05/12/2015	JAW
4	05/19/2015	JAW
5	05/26/2015	JAW
6	06/02/2015	JAW

**RG AND ASSOCIATES, LLC**  
4885 Ward Road, Suite 200 - Wheat Ridge, CO 80033  
303-255-8101 / 303-255-8101 - www.rgandassociates.com

2015 WATER SYSTEM IMPROVEMENTS  
SUBMITTAL  
COVER SHEET  
TOWN OF JAMESTOWN  
JAMESTOWN, CO 80466

Available after the meeting to review and answer questions

# PROJECT SCOPE OF WORK

- Distribution system
  - Water mains, valves, hydrants replacement
  - Service line re-connections
  - Storage tank inspection, repairs and upgrades
- Water treatment plant
  - High service pump switchgear
  - Treatment of filter washwater
  - Disinfection system SCADA integration
  - Corrosion control
  - Power conditioning



# WATER SYSTEM UPGRADES - BUDGET

Funding

DOLA Mineral Impact Grant		\$	984,982
Boulder County Sustainability Grant	\$	15,000	
Donation ACE Engineering in-kind hours		\$	<u>2,000</u>
Total funds		\$	1,001,982



# PROJECT SCHEDULE

# 100% Design

June 3 2015

## Advertise for Bids

June 3, 2015

## Bids Due/Open Bids

June 25, 2015

## Select Contractor

June 30, 2015

## Issue Notice of Award

June 30, 2015

# Issue Notice to Proceed

July 6, 2015

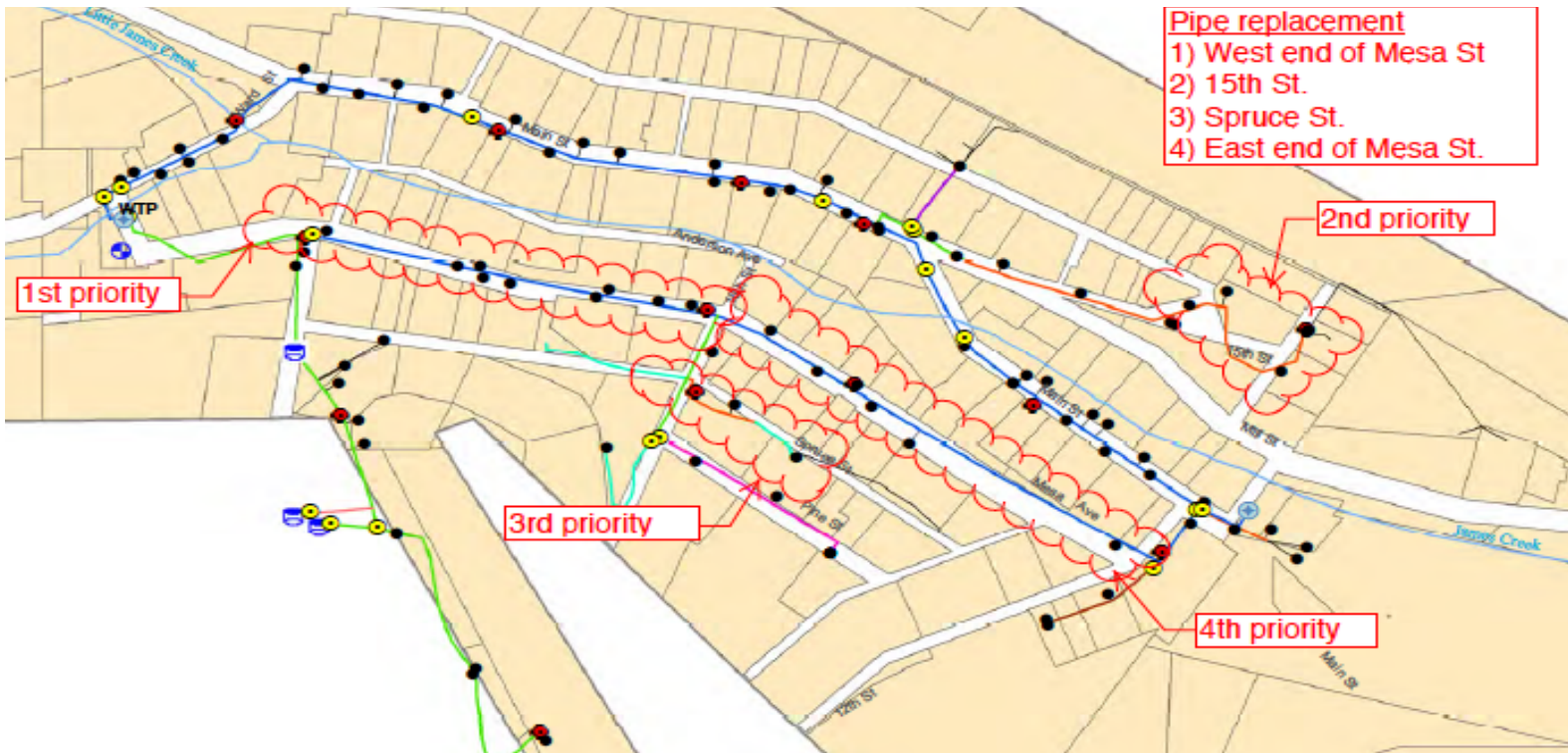
## Substantial Completion of Mesa St.

August 18, 2015

**Substantial Completion of Whole Project    September 30, 2015**

[illegible]

# WATER MAIN UPGRADES





# WATER SYSTEM UPGRADES - PROJECT APPROACH

- Jamestown Water Committee developed prioritized scope of work
  - Priority changes to date:
    - Construction Market – prices are higher than previously expected
    - Water Tank – more significant repairs required per inspection
    - Lower/East Mesa – upgrades are required to tie into the new 6” pipe on West Mesa and 12<sup>th</sup> Street
    - Others??
- Consulting engineer’s contract will be a Design To Budget
- Budget will be monitored throughout design and scope adjusted to accommodate
- If contractor bid varies from the engineer’s estimate, project scope will be adjusted (either up or down)

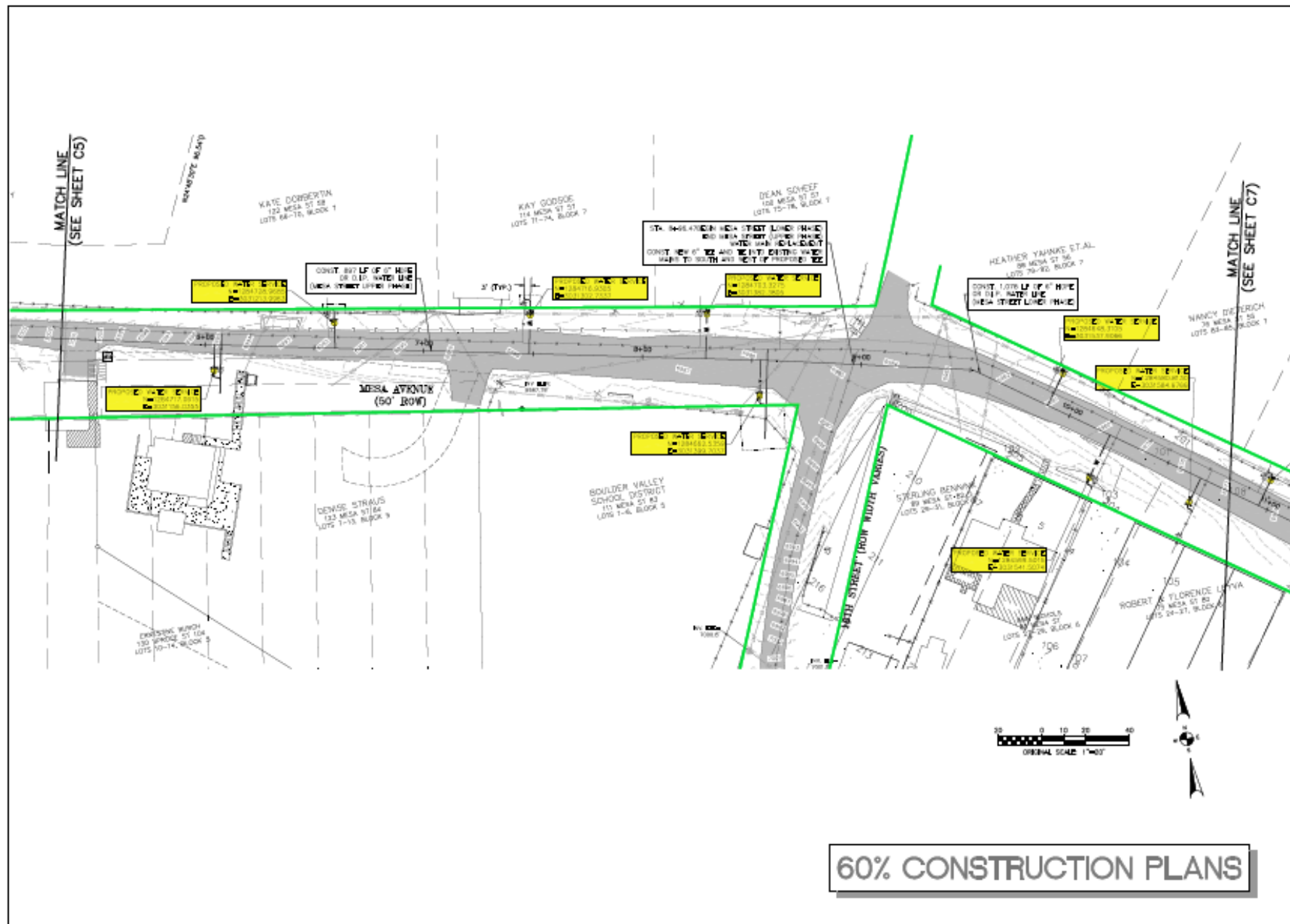




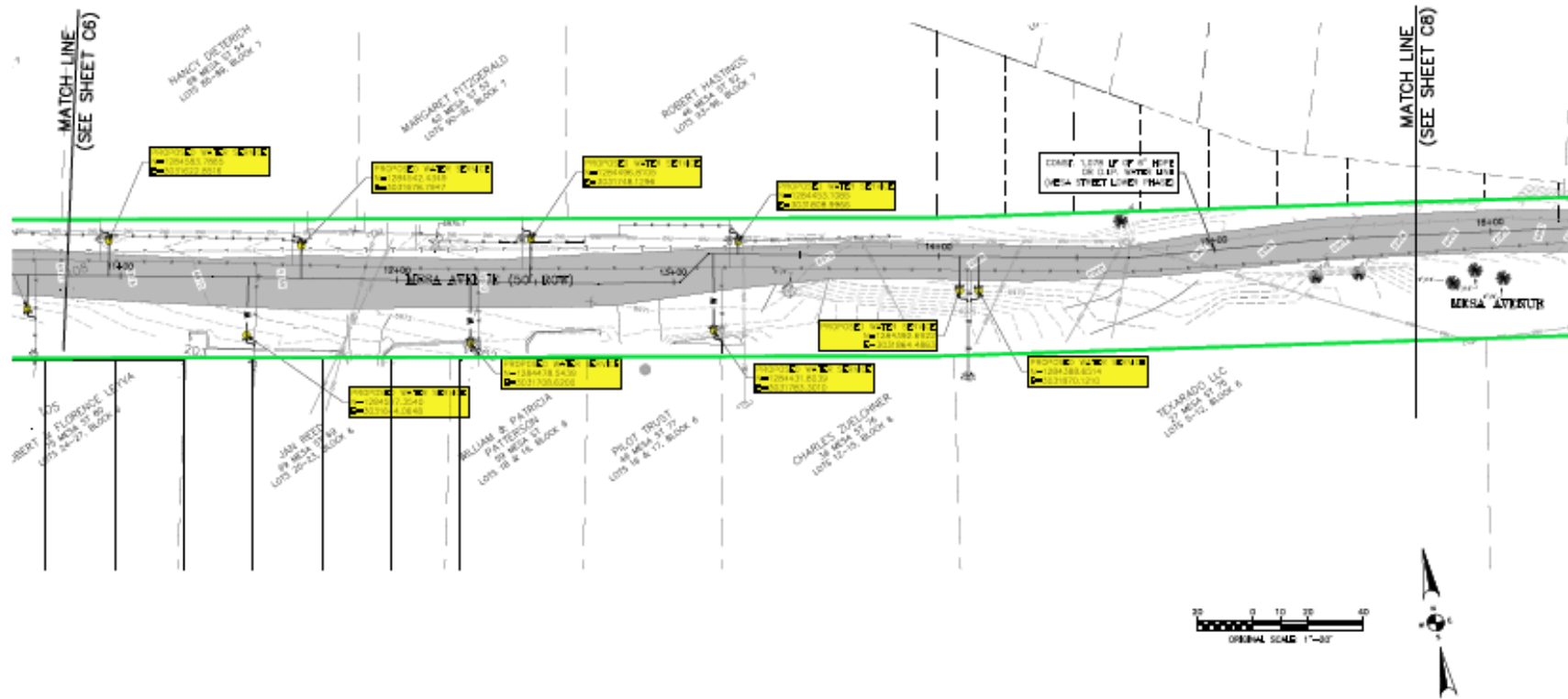
100 0 50 100 200  
ORIGINAL SCALE 1"=100'

<b>2015 WATER SYSTEM IMPROVEMENTS</b> SHEET C4		1077.0001 APRIL 2015 N/A 1077.0001 RUC:kg C4 14	 <b>RG and Associates, LLC</b> 1000 N. 10th Street, Suite 100 Grand Rapids, MI 49503 (616) 451-1111	811 SCALE VERIFICATION SEE IT ON THE GROUND P. 1077.0001
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<b>RG AND ASSOCIATES, LLC</b> 4800 West 10th, Suite 200 • West Ridge, CO 80401 303.555.4501 • 303.555.4502 (Fax) • www.rgassoc.com		<b>2015 WATER SYSTEM IMPROVEMENTS</b> <b>MESA STREET WATER LINE RELAY AND</b> <b>PROFILE STA. 2+00 TO</b> <b>STATION 2+100</b> <b>BY: JAW</b> <b>DATE: APRIL 2015</b> <b>SCALE: 1"=40'</b> <b>PROJECT NO: 1077.0001</b> <b>DATE: APRIL 2015</b> <b>BY: JAW</b> <b>DATE: APRIL 2015</b>	
SHEET NO. 14 OF 14	DATE: APRIL 2015	DRAWN BY: JAW	CHECKED BY: NPM
PROJECT NO: 1077.0001	SHEET NO. 14	DATE: APRIL 2015	SCALE: 1"=40'
PROJECT NAME: 2015 WATER SYSTEM IMPROVEMENTS	PROJECT LOCATION: WEST RIDGE, CO	PROJECT OWNER: CITY OF WEST RIDGE	PROJECT ENGINEER: JAW





[illegible]



[illegible]



# ADDITIONAL ITEMS

- Easement Requirements
- Existing Curb Stops to Remain in Place
- Property Owners with no Septic Records
- Traffic Control
  - 7am j- 7pm



# QUESTIONS?

