



Pinkard Construction Co
9195 W. 6th Avenue
Lakewood, CO 80215
Phone: 303-986-4555

October 14, 2016

Change Order Request # 2

Owner : City of Commerce City
7887 E. 60th Avenue
Commerce City, CO 80022

Project: 1199. / Commerce City Community Recreation Center
13505 E 112th Ave
Brighton, CO 80603

Change Order Request # : 2 **CCR-02 Irrigation Pipe at 112th and Potomac**

Item : 1 **CCR-02 Irrigation Pipe at 112th and Potomac**

CCR-02 Irrigation Pipe at 112th and Potomac

| Phase | Description | Cost Type | Mark up | Amount |
|-----------|--|----------------------|----------|-------------------|
| 012170. . | Project Engineer QTO's for CCR-02. | 3 LAB | 0.00 | 82.00 |
| 012190. . | Project Admin & Accountant Change Order Administration for CCR-02 | 3 LAB | 0.00 | 96.00 |
| 326200. . | Civil Contractor CCR-02 Irrigation Pipe at 112th and Potomac | 1 SUB | 0.00 | 866,294.16 |
| | | Subtotal Item | 1 | 866,472.16 |

| | | |
|---------------------------------|-------|---------------------------------|
| Bond | 0.69% | 5,978.66 |
| Liability Insurance | 0.50% | 4,318.63 |
| Warranty | 0.15% | 1,315.15 |
| Builders Risk Insurance | 0.13% | 1,167.85 |
| Fee | 3.95% | 35,529.89 |
| Construction Contingency | 2.25% | 20,238.54 |
| | | Requested Total For Item |
| | | 1 |
| | | 935,020.88 |
| | | Total For Change Order |
| | | 935,020.88 |

Proposal Qualifications:

- 1 This quotation is valid for ten (10) days whereafter it may be withdrawn unless stated otherwise.
- 2 We will require that a fully executed copy of this COR be returned to our office by "Approved Date" noted above to avoid construction schedule delays not accounted for in our pricing.
- 3 This quotation is also qualified in accordance with notes listed on cost breakdown summary.

Approved By: City of Commerce City

Approved By: Pinkard Construction Co

Approved By: Sink Combs Dethlefs

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____

Flatiron Constructors, Inc.
385 Interlocken Crescent, Suite 900
Broomfield, CO 80021
720-494-8000 MAIN
303-776-0072 FAX



O
CORR

FLT-PCC-PW052014-001R1

October 10, 2016

Bryan Olesen, Project Manager
Pinkard Construction
9195 West 6th Avenue
Lakewood, CO 80215

Reference: Contract No. PW-05-2014
Second Creek Infrastructure Improvements – Package A

Reference: Change Order Request No. 002 – Irrigation Line – Revisions 1

Dear Mr. Olesen,

Upon our takeoff and review of Second Creek Infrastructure Improvements – Package A Change Order Request #02; Flatiron proposes the following change to the Lump Sum pricing:

| | | |
|-------------------------------|-----------|-----------------|
| • Original Flatiron Estimate: | Package A | \$10,866,000 |
| • COR #01 Flatiron Estimate: | Package A | <\$823,482.29> |
| • Flatiron Revised Estimate: | Package A | \$10,042,517.71 |
| • COR #02 Flatiron Estimate: | Package A | \$866,294.16 |
| • Flatiron Revised Estimate: | Package A | \$10,908,811.87 |

| <u>BID ITEM</u> | <u>DESCRIPTION</u> | <u>QUANTITY</u> | <u>UNIT MEASURE</u> | <u>UNIT PRICE</u> | <u>TOTAL</u> |
|-----------------|--------------------|-----------------|---------------------|-------------------|---------------------|
| 1000 | 12" Irrigation | 2,595 | FT | \$86.58 | \$224,675.10 |
| 2000 | 24" Irrigation | 1,828 | FT | \$205.43 | \$375,526.04 |
| 3000 | Laterals (4") | 110 | FT | \$104.43 | \$11,487.30 |
| 4000 | Laterals (8") | 55 | FT | \$192.38 | \$10,580.90 |
| 5000 | 36" Casing | 132 | FT | \$635.75 | \$83,919 |
| 6000 | Air Valve & Vault | 3 | Each | \$8,987.30 | \$26,961.90 |
| 7000 | Flushing Hydrant | 2 | Each | \$11,204.55 | \$22,409.10 |
| 5300 | Plug & Blowoff | 5 | Each | \$4,281.11 | \$21,405.55 |
| | | | | | \$776,964.89 |

| | <u>Cost Basis</u> | <u>Mark Up %</u> | <u>Markup</u> |
|---|-------------------|------------------|---------------------|
| Labor | \$102,387 | 10% | \$10,239 |
| Burden | \$45,402 | 10% | \$4,540 |
| Permanent Materials | \$430,346 | 10% | \$43,035 |
| Construction Materials | \$46,319 | 10% | \$4,632 |
| Subcontractors | \$31,501 | 5% | \$1,575 |
| Equipment Op Expense | \$48,805 | 10% | \$4,881 |
| Owned Equipment | \$72,197 | 10% | \$7,220 |
| | \$776,957 | | \$76,121 |
| Insurance @ 1% of Cost | \$7,769.57 | | \$7,769.57 |
| Bond @ 0.7% of Cost | \$5,438.70 | | \$5,438.70 |
| COST + MARKUP + INSURANCE + BOND = | | | \$866,294.16 |

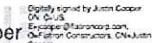
The attached pricing was derived using the attached 100% Design, Irrigation Plan Set. Flatiron feels that a credit could be provided, in the rough amount of \$15,000, should the spoils generated be taken to Second Creek – Package B.

Please note, Flatiron has identified this work to be Critical Path, due to nature of the work and it's timing in the overall sequence of the project. Should Pinkard decide to move forward with this scope, Flatiron would add this work to the Baseline schedule, and ask to reserve the right to additional overhead, should this work increase the overall duration of the project. Similar to above, Flatiron feels with the addition of Package B to our scope, that this risk could be avoided.

As always, Flatiron appreciates its partnership with Pinkard Construction, and looks forward to a safe and successful project this year, and beyond. As a partner in the project, Flatiron will continue to evaluate the plans and specifications to produce value-engineering ideas that will be shared timely with all parties; as well as practice transparency when pricing changes.

We look forward to discussing these matters further.

Sincerely,


Justin Cooper
Flatiron Constructors, Inc.
Date: 2015-10-12 13:45:58-06:00

Justin Cooper
Project Manager
Flatiron Constructors, Inc.

Cc: Stephen Cordts, Area Manager, Flatiron Constructors
Scott Stetson, Operations Manager, Flatiron Constructors
Nick Polce, Chief Estimator, Flatiron Constructors

112TH AVENUE AND POTOMAC STREET IRRIGATION WATER LINES

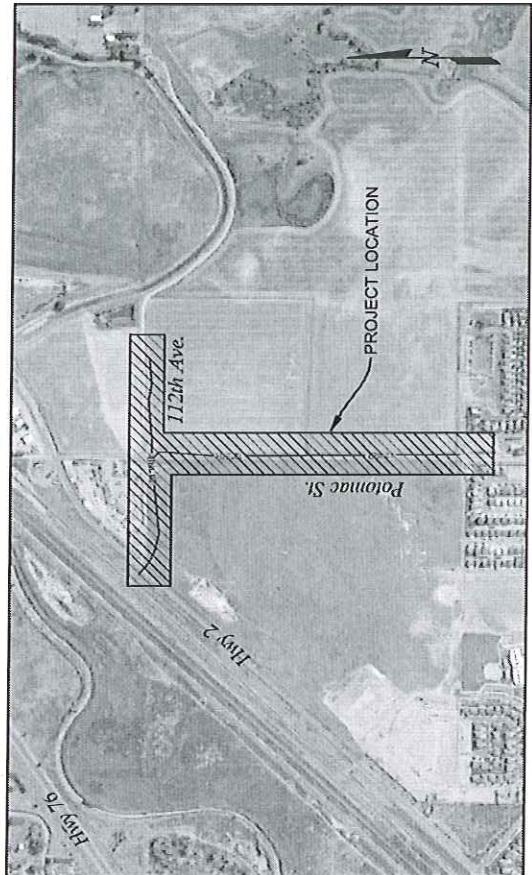
SOUTH ADAMS COUNTY WATER & SANITATION DISTRICT

SEPTEMBER 2016

SOUTH ADAMS COUNTY WATER AND SANITATION DISTRICT

BOARD MEMBERS

| | |
|--------------------------------|--------------------|
| PRESIDENT | AARON PHILLIPS |
| SECRETARY | B. JOANN MOSS |
| TREASURER | JOHN W. KUCHAR |
| DIRECTOR | MIRIAM S. CORDERO |
| DIRECTOR | MICHAEL A. SCANLON |
| ADMINISTRATION | |
| MANAGER | JIM JONES |
| DISTRIBUTION & COLLECTION | ABEL MORENO |
| SYSTEMS MANAGER | |
| WATER SYSTEMS | KIPP SCOTT |
| MANAGER | J.M. GREEBE INC |
| ADMINISTRATIVE SERVICES | |
| MANAGER | BYRON JEFFERSON |
| ENVIRONMENTAL PROGRAMS | BLAIR CORNING |
| MANAGER | |



SHEET INDEX

| SHEET NO. | TITLE |
|-----------|--|
| 1 | COVER SHEET |
| 2 | LEGEND, GRADING PLAN POINTS AND GENERAL NOTES |
| 3 | POTOMAC STREET IRRIGATION LINE PLAN AND PROFILE -1 |
| 4 | POTOMAC STREET IRRIGATION LINE PLAN AND PROFILE -2 |
| 5 | POTOMAC STREET IRRIGATION LINE PLAN AND PROFILE -3 |
| 6 | 112TH AVENUE IRRIGATION LINE PLAN AND PROFILE -1 |
| 7 | 112TH AVENUE IRRIGATION LINE PLAN AND PROFILE -2 |
| 8 | IRRIGATION WATER LINE DETAILS -1 |
| 9 | IRRIGATION WATER LINE DETAILS -2 |

| | | | | |
|---|--|--|--|--|
| DESIGNED SAH | FOR CONST. | MULLER ENGINEERING COMPANY 1000 17th Street, Suite 200 Denver, CO 80202 303-295-2646 PROJECT NO. 10-04701 | 112TH AVENUE & POTOMAC STREET IRRIGATION WATER LINES | DATE 08-14-16 DRAWING NO. COMM-FW-16-087-001 COVER SHEET |
| INITIATED DATE THE SUBMISSION OF DRAWINGS TAD UNCOILED SAH | SHEET DIVISIONS NO. DATE 112TH AVENUE & POTOMAC STREET IRRIGATION WATER LINES | SOUTH ADAMS COUNTY WATER & SANITATION DISTRICT 6505 East 70th Avenue, P.O. Box 597 Commerce City, Colorado 80022-0597 (303) 295-2646 | SOUTH ADAMS COUNTY WATER & SANITATION DISTRICT 6505 East 70th Avenue, P.O. Box 597 Commerce City, Colorado 80022-0597 (303) 295-2646 | 1 of 10 |

SACWSO GENERAL CONSTRUCTION DRAWING NOTES:

GENERAL

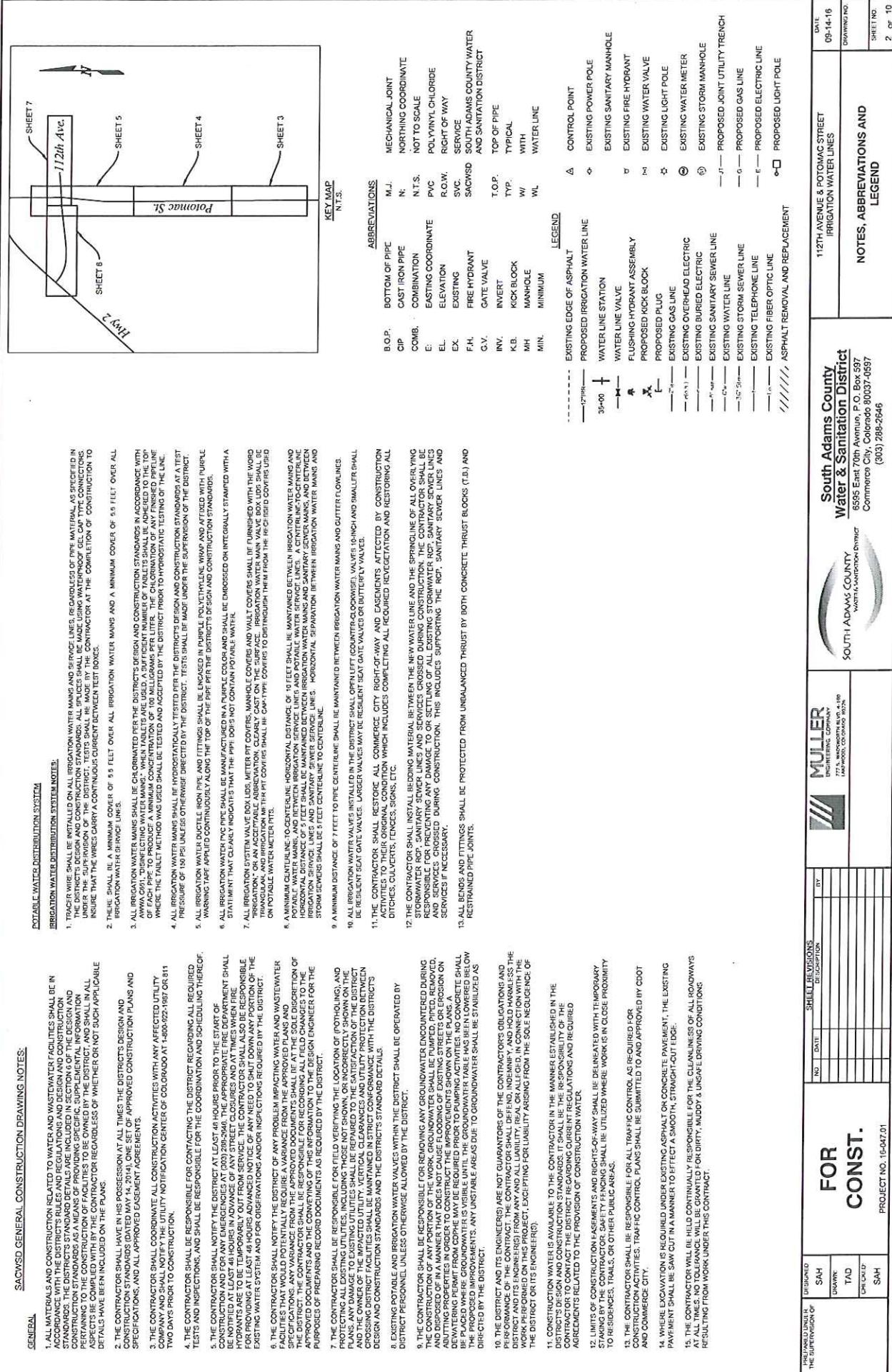
1.1. ALL MATERIALS AND CONSTRUCTION RELATED TO WATER AND WASTEWATER FACILITIES SHALL BE IN ACCORDANCE WITH THE DISTRICT'S RULES AND REGULATIONS AND DESIGN AND CONSTRUCTION STANDARDS. THE DISTRICT'S STANDARDS ARE INCLUDED IN SECTION D OF THE DESIGN AND CONSTRUCTION STANDARDS AS A MEANS OF PROVIDING SPECIFIC, SUPPLEMENTAL INFORMATION PERTAINING TO THE CONSTRUCTION OF FACILITIES TO BE OWNED BY THE DISTRICT, AND SHALL IN ALL ASPECTS BE COMPLIED WITH BY THE CONTRACTOR REGARDLESS OF WHETHER OR NOT SUCH APPLICABILITY ASPECTS HAVE BEEN INCLUDED ON THE CONTRACT.

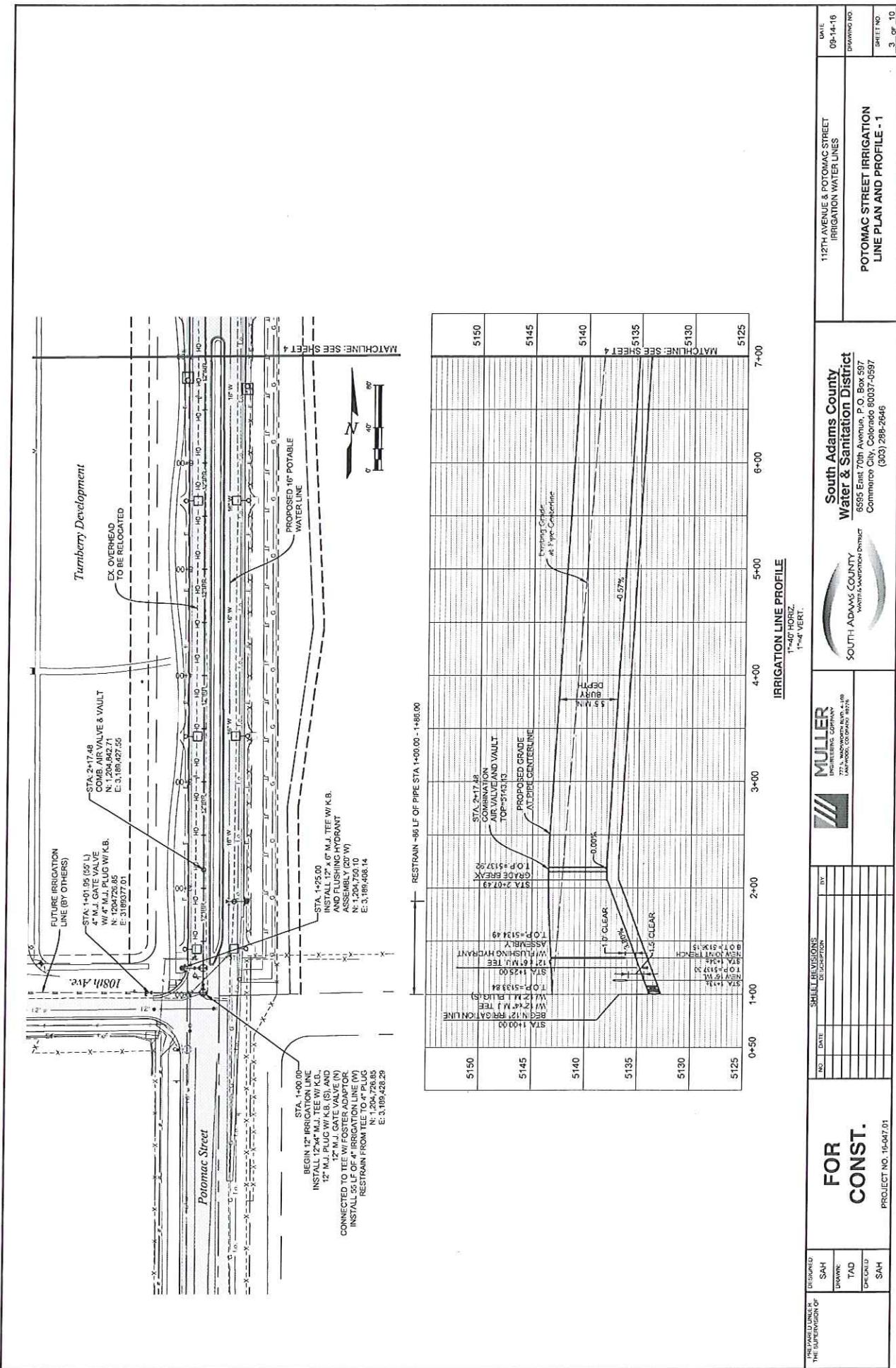
1.2. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE DISTRICT'S DESIGN AND CONSTRUCTION STANDARDS DATED MAY 14, 2014 ONE SET OF APPROVED CONSTRUCTION PLANS, AND THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH ANY AFFECTED UTILITY COMPANY AND SHALL NOTIFY THE UTILITY COMPANY OF APPROVED EASEMENT AGREEMENTS.

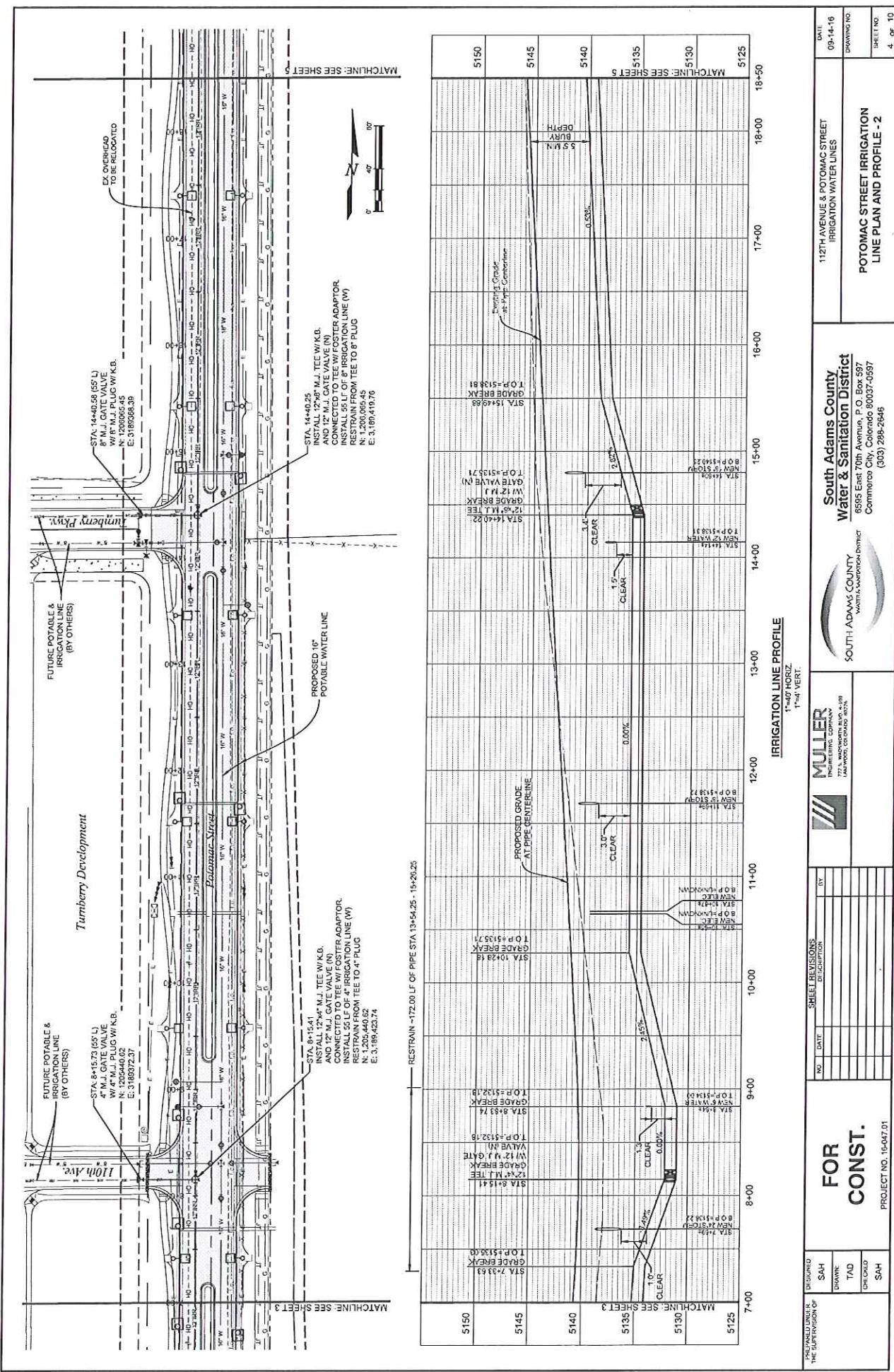
1.3. THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH THE NOTIFICATION CENTER OF COLORADO AT 1-800-621-1987 OR 811 TWO DAYS PRIOR TO CONSTRUCTION.

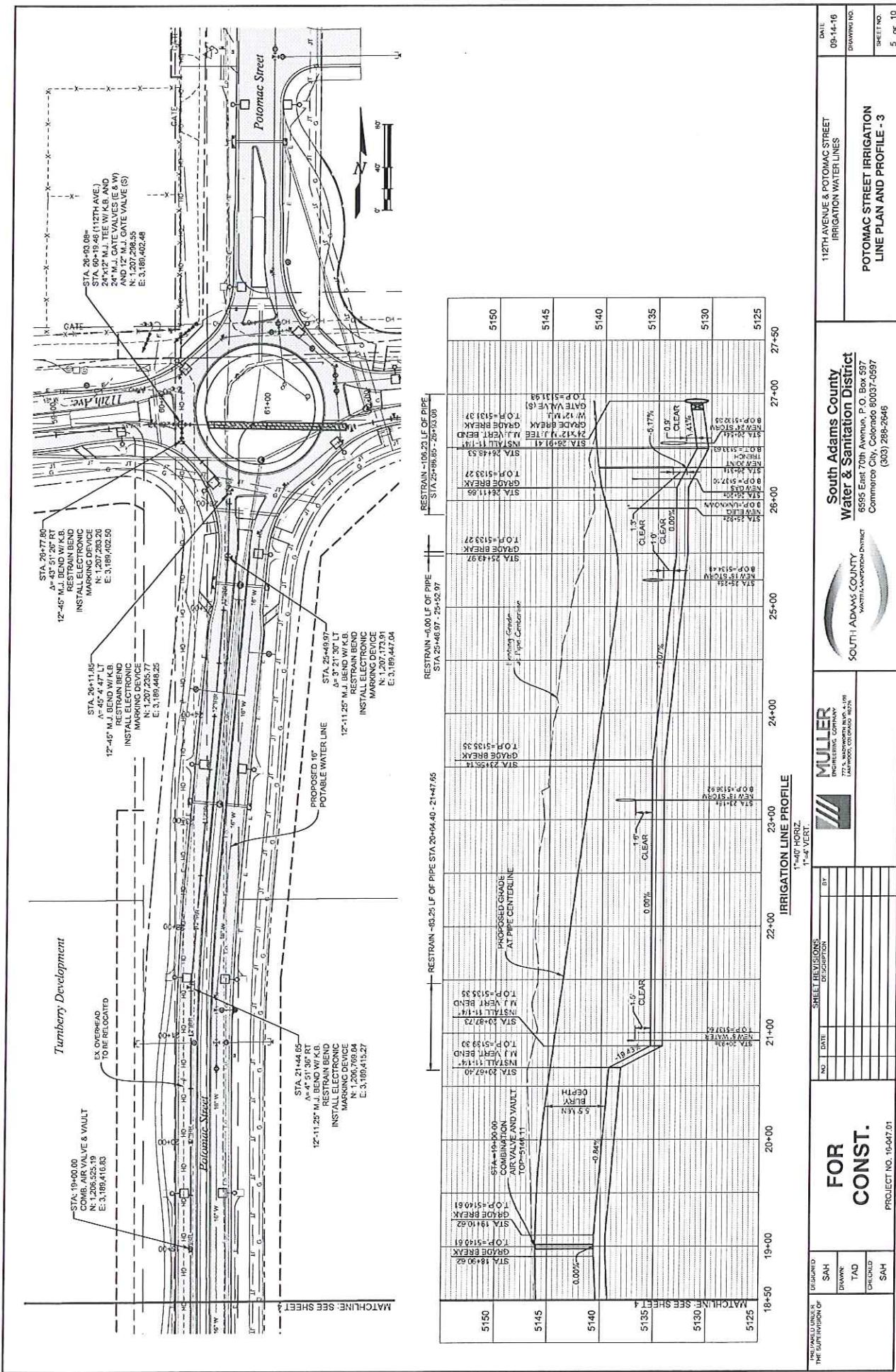
POTABLE WATER DISTRIBUTION SYSTEM

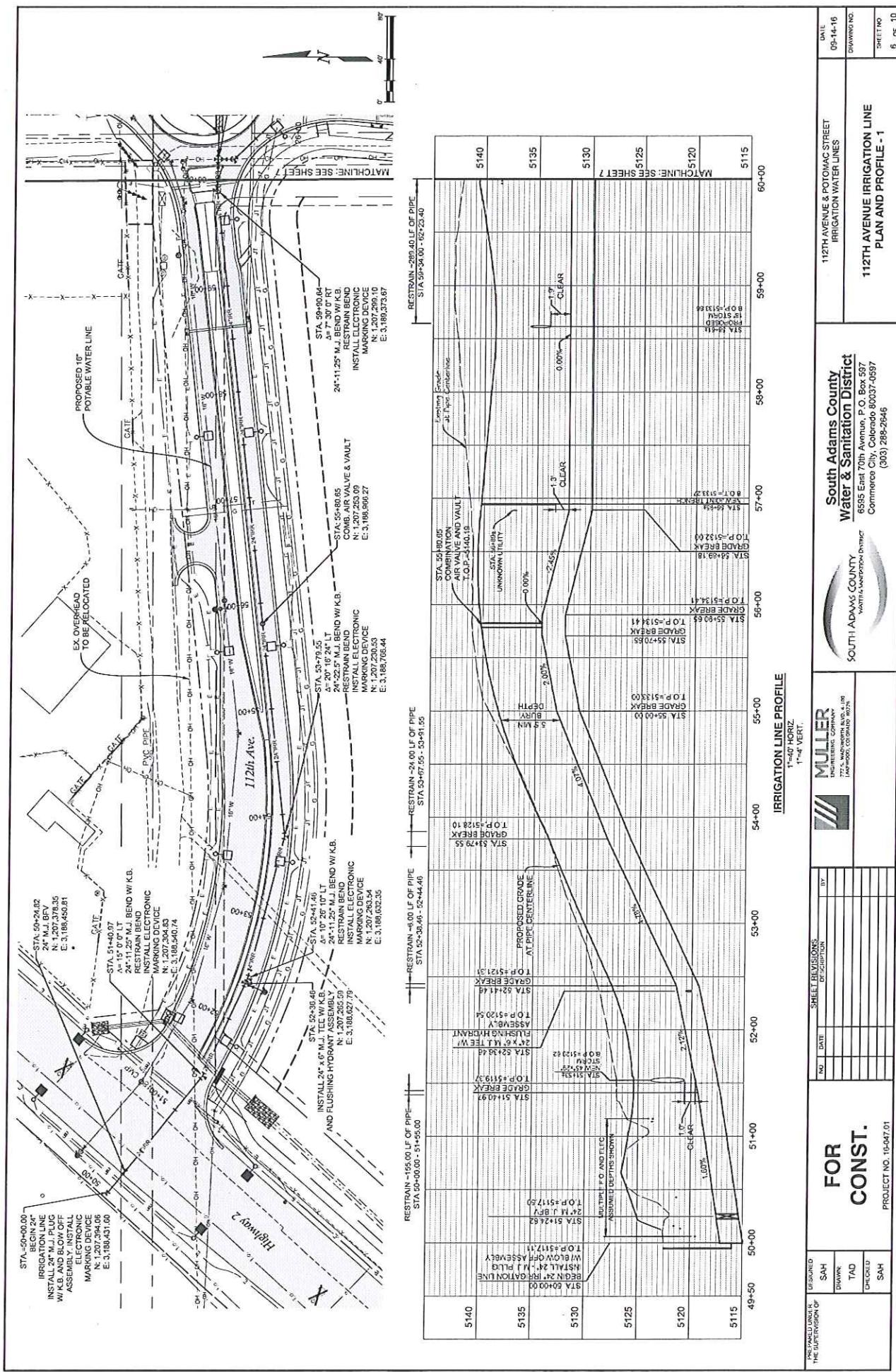
1. TRACER WIRE, SHALL BE INSTALLED ON ALL IRIGATION WATER MAINS AND SOURCE LINES, OR CABLES OF PIPE MATERIAL, AS SPECIFIED IN THE DISTRICT'S DESIGN AND CONSTRUCTION STANDARDS. ALL SPLICES SHALL BE MADE USING WATERPROOF CABLE CONNECTORS UNDER THE SUPERVISION OF THE DISTRICT. TESTS SHALL BE MADE BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION TO DETERMINE WHETHER THE TRACER WIRE IS LOCATED AS PLANNED.

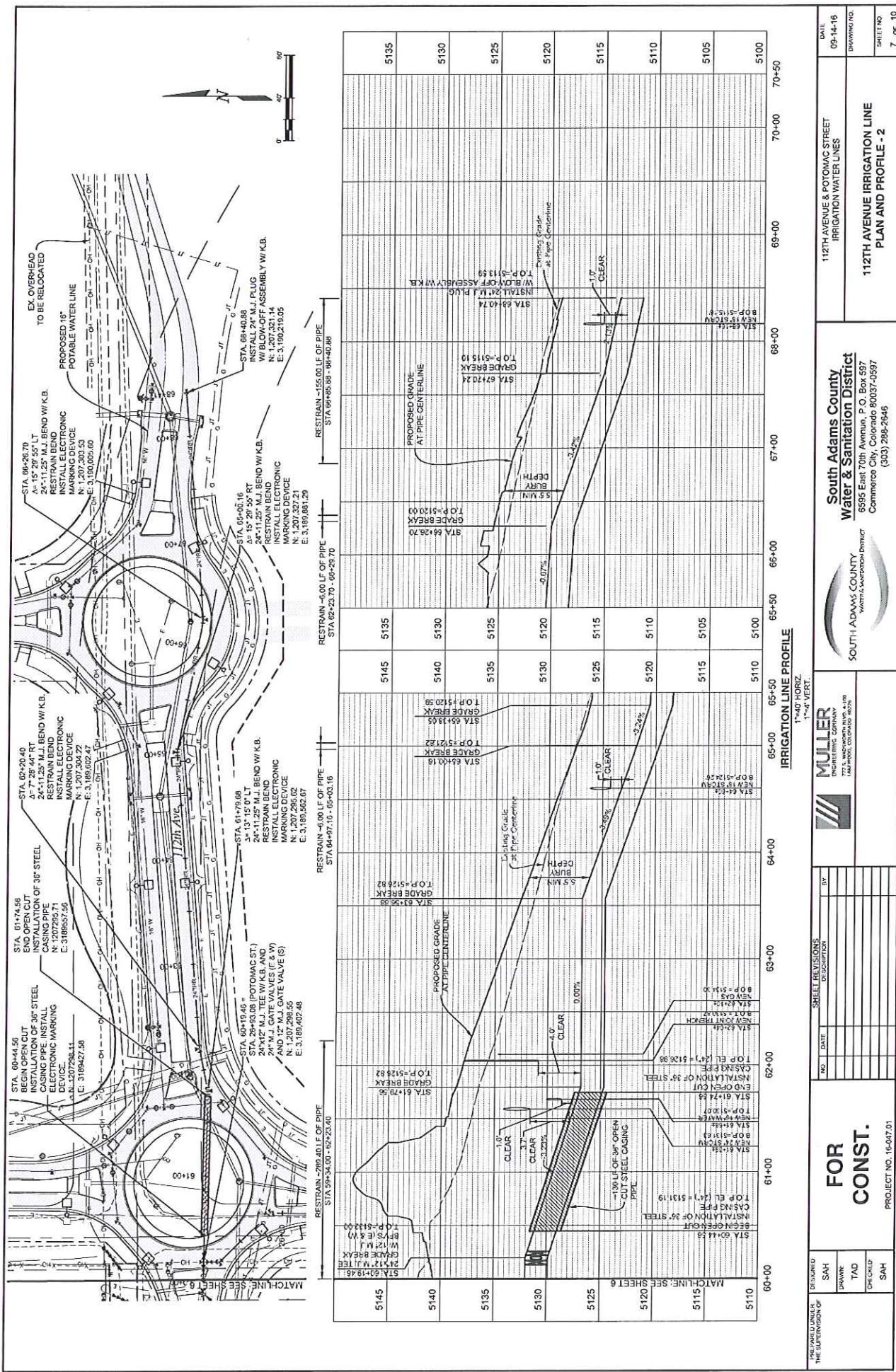


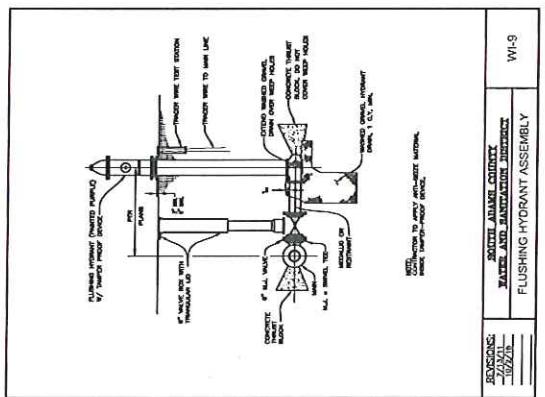
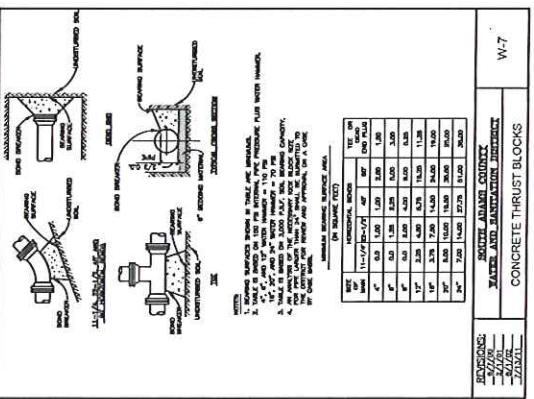
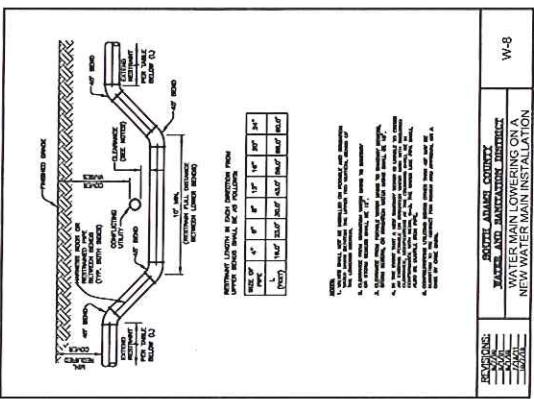
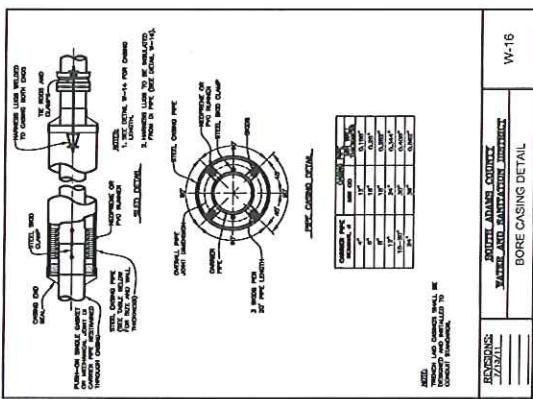
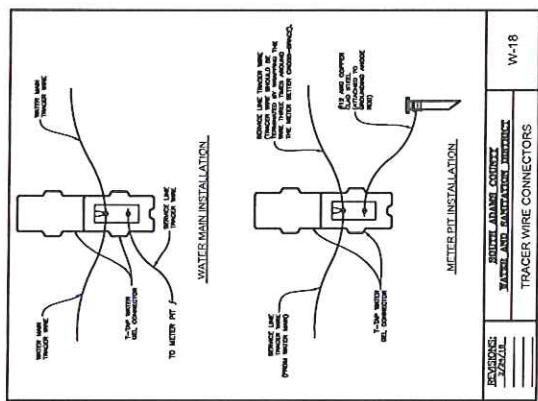












| | | |
|---|--|-------------------------------|
| BENDONS: | | WATER AND SANITATION DISTRICT |
| 2022-01 | | W-9 |
| FLUSHING HYDRANT ASSEMBLY | | |
| <p>THE PLANO UNION IS THE SUPERVISION OF</p> <p>SAH</p> <p>DRAWN BY</p> <p>CH-CH-CH</p> <p>SAH</p> | | |
| <p>FOR</p> <p>CONST.</p> | | |
| <p>PROJECT NO. 16-047-01</p> | | |
| <p>SHIELD DIVISIONS CONSTRUCTION</p> <p>IV</p> | | |
| <p>MILLER</p> <p>THE MILLER CO. INC.</p> <p>7771 W. WASHINGTON BLVD. #4100</p> <p>FAIRWOOD, COLORADO 80277</p> | | |
| <p>South Adams County Water & Sanitation District</p> <p>SOUTH ADAMS COUNTY WATER & SANITATION DISTRICT</p> | | |
| <p>11271 AVENUE & POTOMAC STREET IRRIGATION WATER LINES</p> | | |
| <p>IRRIGATION WATER LINE</p> | | |
| <p>DETAILS -2</p> | | |
| <p>DATE 09-14-16</p> | | |
| <p>DRAWN BY</p> | | |
| <p>SHFT NO.</p> | | |
| <p>9 or 10</p> | | |