

**COLORADO DEPARTMENT OF TRANSPORTATION
IRRIGATION COMPANY AGREEMENT FOR
CONSTRUCTION**

Construction Project No.
STA 092A-024, SA 17772

Location
SH 92 Stengel's Hill

This agreement is entered into by and between the State of Colorado, Department of Transportation, Division of Engineering, Design and Construction (hereinafter referred to as "State") and

Velma I. Holder

(hereinafter referred to as "Owner").

Irrigation owner

1. WHEREAS, the State desires to construct a transportation project hereinafter referred to as the "project" listed above.
2. WHEREAS, the right of way from the project crosses the Owner's property interest.
3. WHEREAS, the parties desire to enter in this agreement whereby the State will be permitted to construct the project within the Owner's property interest.

NOW THEREFORE, in consideration of the mutual promises hereinafter expressed, the parties agree as follows:

1. The Owner authorizes the State and all others deemed necessary by the State, to enter upon their property for all purposes related to the construction and maintenance of the structure depicted on attached Exhibit A.
2. The State agrees to pay all costs and expenses relating to the construction and maintenance of the structure depicted in Exhibit A.
3. The Owner may inspect the work during the course of construction and before accepting it.

Irrigation owner authorized representative signature

Velma I. Holder

Date

9-3-2013

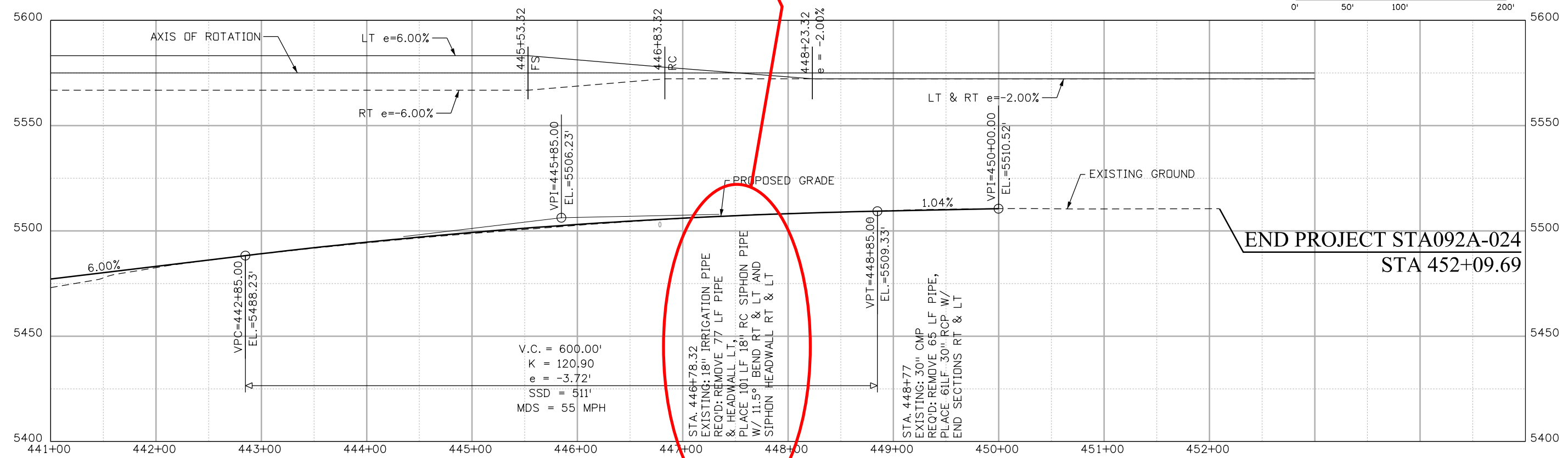
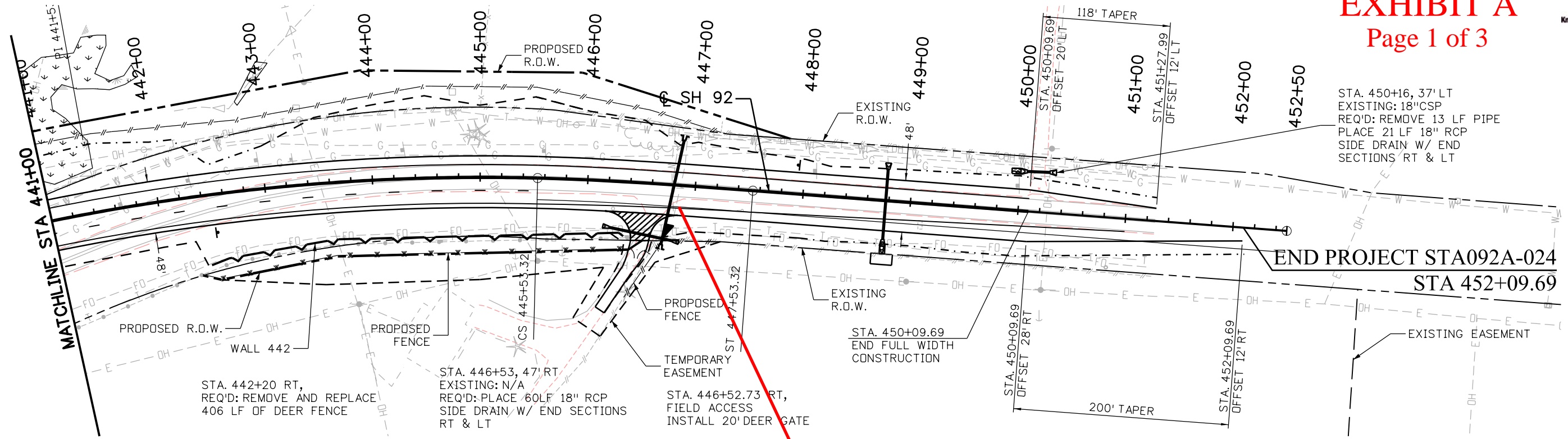
Colorado Department of Transportation Region Transportation Director Dave Eller

Rob Martindale

Date

8/1/2013

by Rob Martindale – Region 3 Utility Engineer



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Print Date: 7/12/2013
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Horiz. Scale: 1:100 Vert. Scale: 1:50
Unit Information Unit Leader Initials
URS

Sheet Revisions		
Date:	Comments	Init.
	FOR PLANS	
	JULY 2013	

Colorado Department of Transportation

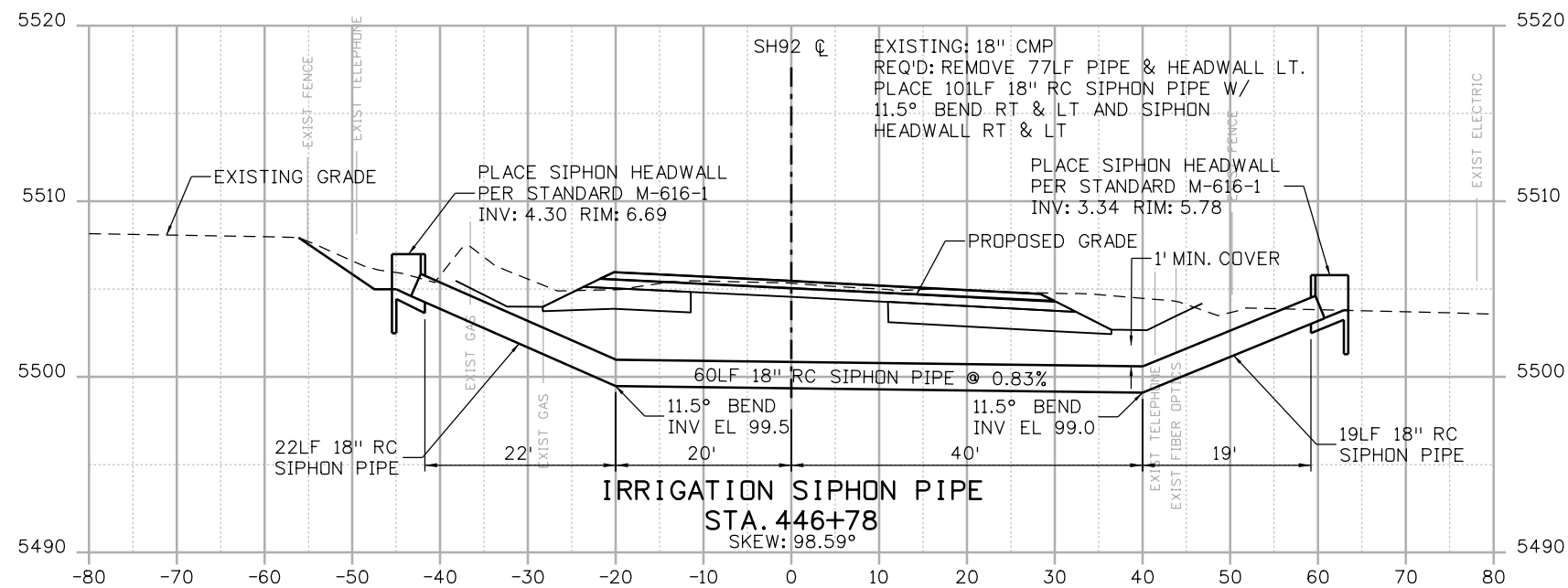
2424 North Townsend Avenue
Montrose, CO 81401
Phone: 972-249-5285 FAX: 970-249-6018

Region 3 **RA**

As Constructed
No Revisions:
Revised:
Void:

ROADWAY PLAN AND PROFILE		
Designer: P.WELLS	Structure Numbers	
Detailer: B.TENNANT	Subset Sheets: 07 of 07	

Project No./Code
STA 092A-024
17772
Sheet Number 62




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 Unit Information Unit Leader Initials



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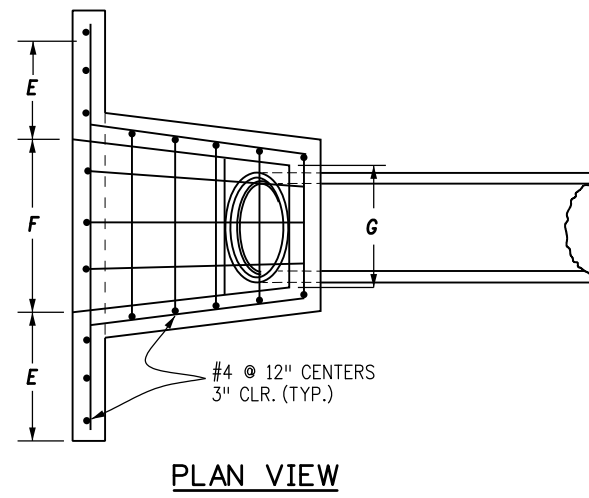
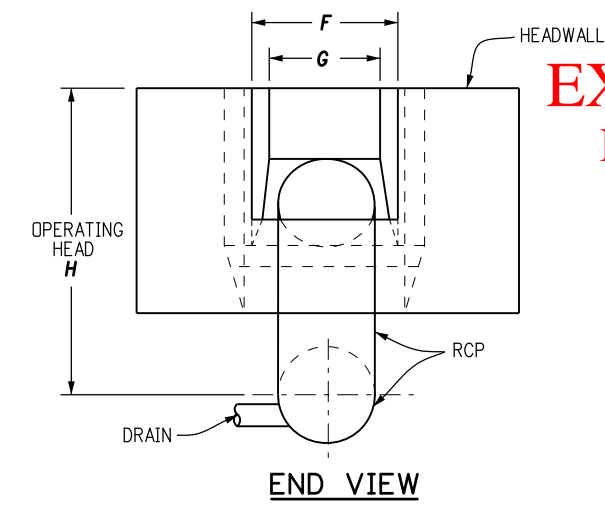
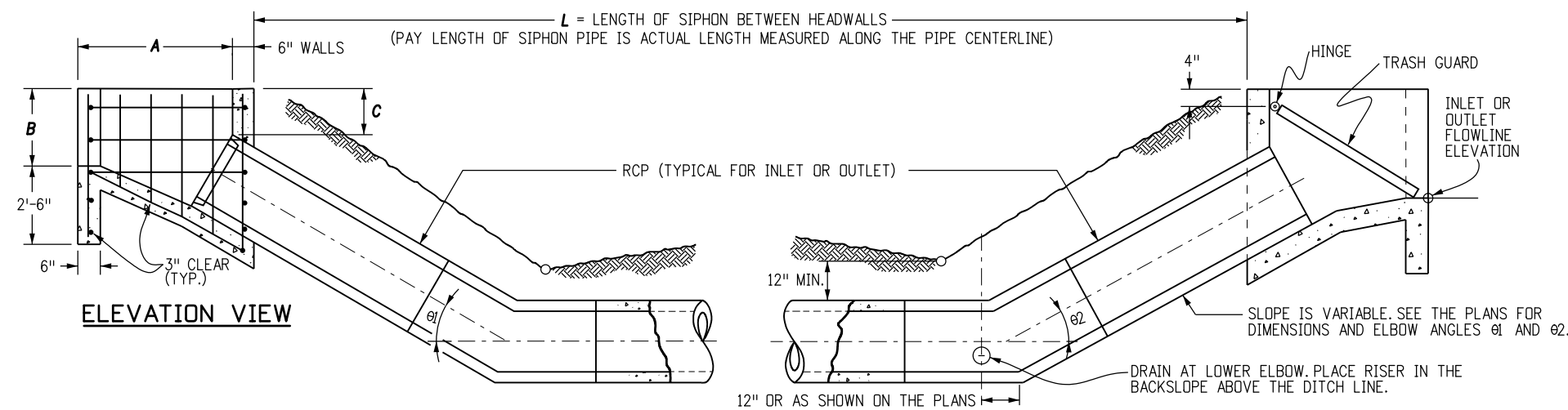
Sheet Revisions		
Date:	Comments	Init.
	FOR PLANS	
	JULY 2013	

Colorado Department of Transportation

 2424 North Townsend Avenue
 Montrose, CO 81401
 Phone: 972-249-5285 FAX: 970-249-6018
Region 3 **RA**

As Constructed
No Revisions:
Revised:
Void:

IRRIGATION CROSS SECTIONS		
Designer: M. MORGAN	Structure Numbers	
Detailer: B. TENNANT	Subset Sheets: 05 of 05	

Project No./Code
STA 092A-024
17772
Sheet Number 140



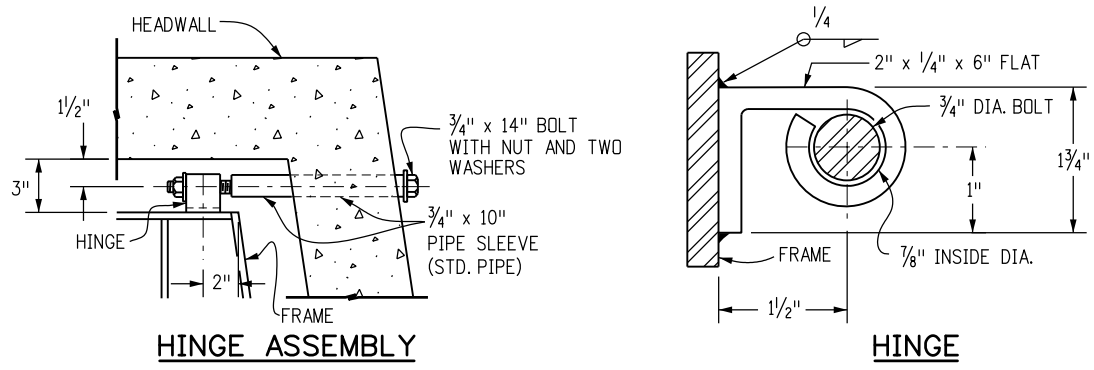
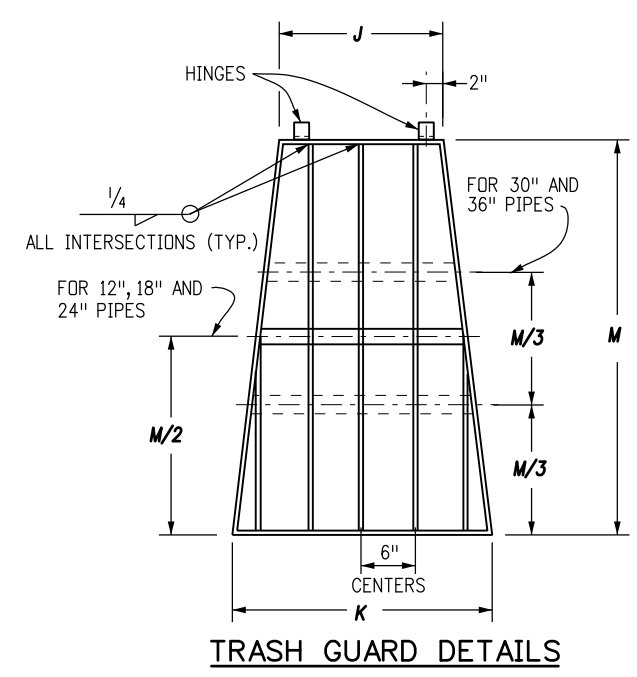
PIPE DIAMETER IN.	DIMENSIONS					
	A	B	C	E	F	G
12	2'-6"	1'-6"	0'-9"	1'-6"	2'-0"	1'-6"
18	3'-9"	2'-0"	1'-2"	2'-3"	3'-0"	2'-1"
24	5'-0"	2'-6"	1'-6"	3'-0"	4'-0"	2'-8"
30	6'-3"	3'-0"	1'-11"	3'-9"	5'-0"	3'-3"
36	7'-6"	3'-6"	2'-3"	4'-6"	6'-0"	3'-10"

PIPE DIAMETER IN.	CONCRETE	REINFORCED STEEL
	CU. YDS.	LBS.
12	0.62	55
18	1.17	88
24	1.92	146
30	2.72	203
36	3.74	275

- GENERAL NOTES**
- SIPHON DRAIN, VALVE AND VALVE BOX, AND TRASH GUARDS ARE TO BE PROVIDED ONLY WHEN CALLED FOR ON THE PLANS.
 - CONCRETE SHALL BE CLASS B.
 - ALL EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 3/4 IN.
 - THE LOCATION, SIZE, PIPE MATERIAL AND GOVERNING DIMENSIONS OF SIPHONS WILL BE SHOWN ON THE PLANS.
 - TO DETERMINE WALL THICKNESS OR CLASS FOR SIPHON PIPE, SEE APPROPRIATE TABLES ON STANDARD PLAN M-603-2.
 - COST OF JOINT SEALERS, GASKETS, FITTINGS AND CONNECTIONS SHALL BE INCLUDED IN THE BID PRICE FOR SIPHON PIPE.
 - TRASH GUARDS AND APPURTENANCES SHALL BE GALVANIZED IN CONFORMANCE WITH AASHTO M 111.

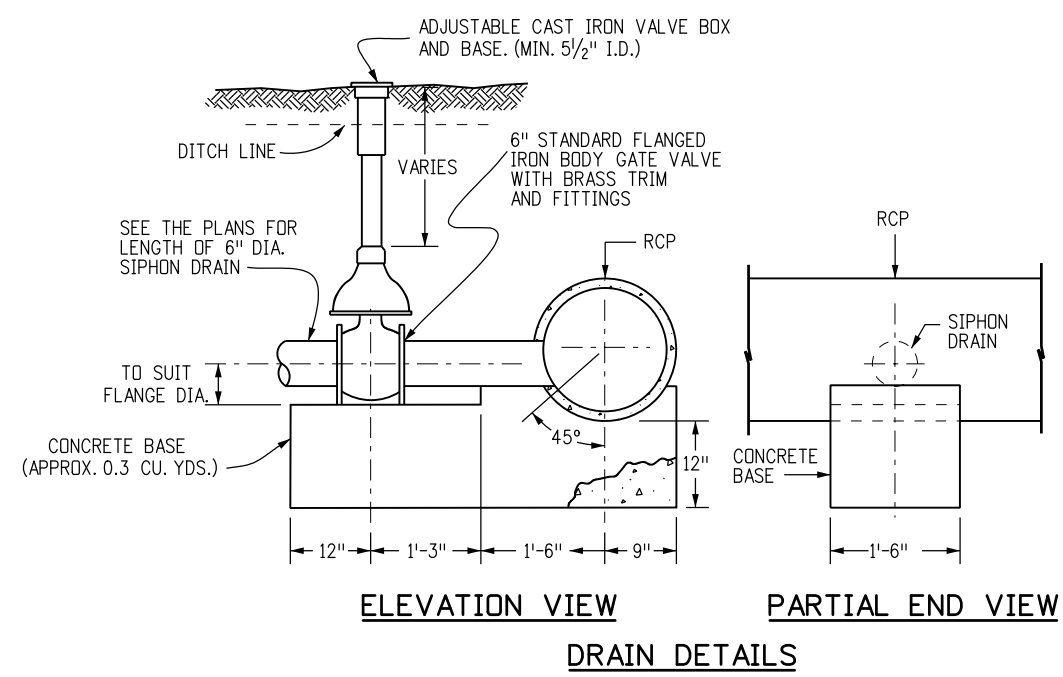
HEADWALL DIMENSIONS

HEADWALL QUANTITIES
QUANTITIES FOR ONE HEADWALL AFTER DEDUCTION FOR PIPE.



PIPE DIAMETER INCHES	BAR AND BRACE SIZE	NO. OF BRACES EACH	DIMENSIONS			WEIGHT LBS.
			J	K	M	
12	3/8" x 2"	1	1'-0"	1'-6"	2'-6"	35.1
18	3/8" x 2"	1	1'-7"	2'-6"	3'-10"	74.4
24	3/8" x 2"	1	2'-2"	3'-6"	5'-2"	120.5
30	3/8" x 2 1/2"	2	2'-9"	4'-6"	6'-6"	235.9
36	3/8" x 2 1/2"	2	3'-4"	5'-6"	7'-10"	317.6

TRASH GUARD DIMENSIONS AND QUANTITIES



ELEVATION VIEW

PARTIAL END VIEW

DRAIN DETAILS

Computer File Information

Creation Date: 07/04/12	Initials: DD
Last Modification Date: 07/04/12	Initials: LTA
Full Path: www.coloradodot.info/business/designsupport	
Drawing File Name: 616010101.dgn	
CAD Ver.: MicroStation V8	Scale: Not to Scale Units: English

Sheet Revisions

Date:	Comments
(R-X)	
(R-X)	
(R-X)	
(R-X)	

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Denver, Colorado 80222
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Project Development Branch DD/LTA

INVERTED SIPHON

Issued By: Project Development Branch July 4, 2012

STANDARD PLAN NO.

M-616-1

Sheet No. 1 of 1