

CITY OF MINNETRISTA



CITY COUNCIL AGENDA ITEM

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**Subject:** Water Treatment Plant Change Order No. 02

**Prepared By:** Jasper Kruggel, City Administrator  
Gary Peters, Public Works Director

**Meeting Date:** May 18, 2025

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**Issue:** A change order for the following items is proposed for the water treatment plant:

- Reclaim and sludge pumps
- Spray down ring piping and appurtenances
- Filtration basis modification

**Overview:** Attached you will find Change Order No. 02 for the water treatment plant. This change order has a net impact of +\$23,129.82 for the project and is recommended by the project management team and contractor.

**Recommended City Council Action:** Staff are recommending the approval of Change Order No. 02 for the water treatment plant.

**Mission Statement:**

The City of Minnetrista will deliver quality services in a cost effective and innovative manner and provide opportunities for a high quality of life while protecting natural resources and maintaining a rural character.

## CHANGE ORDER NO. 2

Owner: City of Minnetrista  
Engineer: AE2S  
Contractor: Magney Construction, Inc.  
Project: Minnetrista Woodland Cove WTP Project  
Contract Name: Contact No. 1 – Minnetrista Woodland Cove WTP Project  
Date Issued: 5/12/2026  
Owner's Project No.:  
Engineer's Project No.: P05355-2023-002  
Contractor's Project No.: 00624  
Effective Date of Change Order: 5/18/2026

The Contract is modified as follows upon execution of this Change Order:

### **Description:**


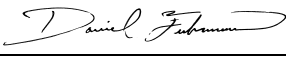
- Replace originally specified reclaim and sludge pumps with the new submitted Grundfos pumps as shown in the attached quote. New sludge and reclaim pumps are sized to allow for lower WTP reclaim and sludge removal.
- Remove Spray Down Ring Piping and appurtenances as shown in attachment COR No. 04.
- Modify filtration basin as noted in attachment COR No. 3. Includes adding additional filtration mulch, adding drain tile cleanouts, and downsizing drain tile from 6-inch to 4-inch.

### **Attachments:**

- COR No. 2 – Reclaim & Sludge Pump Modifications
  - o Pricing Quote
  - o Updated Drawings
  - o Email Coordination
- COR No. 3 – Field Order 6 Civil Changes
  - o Pricing Quote
  - o Updated Drawings
  - o Email Coordination
  - o Field Order No. 6
- COR No. 4 – Field Order 4 Spray Down Pipe Change
  - o Pricing Quote
  - o Field Order No. 4
  - o Email Coordination.

**Change in Contract Times**  
**[State Contract Times as either a specific date or a number of days]**

<b>Change in Contract Price</b>	<b>Change in Contract Times</b>
Original Contract Price: \$ <u>21,329,000.00</u>	Original Contract Times: Substantial Completion: <u>01/31/2028</u> Ready for final payment: <u>07/01/2028</u>
<b>Decrease</b> from previously approved Change Orders No. 0 to No. 1: \$ <u>(5,000.00)</u>	<b>[Increase] [Decrease]</b> from previously approved Change Orders No. 0 to No. 1: Substantial Completion: <u>0</u> Ready for final payment: <u>0</u>
Contract Price prior to this Change Order: \$ <u>21,324,000.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>0</u> Ready for final payment: <u>0</u>
<b>Increase</b> this Change Order: \$ <u>23,129.82</u>	<b>[Increase] [Decrease]</b> this Change Order: Substantial Completion: <u>0</u> Ready for final payment: <u>0</u>
Contract Price incorporating this Change Order: \$ <u>21,347,129.82</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>01/31/2028</u> Ready for final payment: <u>07/01/2028</u>

<p style="text-align: center;">Recommended by Engineer (if required)</p> <p>By: <u></u></p> <p>Title: <u>Assistant Project Manager</u></p> <p>Date: <u>05/12/2026</u></p> <p style="text-align: center;">Authorized by Owner</p> <p>By: _____</p> <p>Title: _____</p> <p>Date: _____</p>	<p style="text-align: center;">Accepted by Contractor</p> <p><u></u></p> <p style="text-align: center;">Project Manager</p> <p><u>05/13/2026</u></p> <p style="text-align: center;">Approved by Funding Agency (if applicable)</p> <p style="text-align: center;">Not Applicable</p> <p>_____</p> <p>_____</p> <p>_____</p>
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SEND TO		FROM
Company Name AE2S		Magney Representative Dan Fuhrman
Attention Ross Mindermann		Date 3/6/2026
Fax	Phone: (763) 760-9981	Proposal # COR No. 02 - Reclaim & Sludge Pump Modification

**COMMENTS**

Dear Ross Mindermann

Magney Construction, Inc. is pleased to present the following cost to include the necessary labor, material and equipment to change the pumps RCP1 & SLP1 from the specified ABS/Sulzer pumps to the Grundfos pumps. Per previous correspondence and discussion, the Grundfos pumps will meet the needs to operate across the full range better than the ABS/Sulzer pumps. The cost for this change has been summarized below.

<b>LABOR:</b>	\$	-
<b>MATERIAL:</b>	\$	15,274.89
Switching pumps RCP1 & SLP1 from specified ABS/Sulzer pumps to the Grundfos pumps. Grundfos Pumps have a 28-30 week lead-time after submittal approval. (Cost Includes tax)		
<b>EQUIPMENT:</b>	\$	-
<b>SUBCONTRACTOR:</b>	\$	-
<b>Subtotal:</b>	\$	15,274.89
<b>Contractor's Overhead:</b>	\$	2,291.23
<b>Bond &amp; Insurance Premium:</b>	\$	263.49
<b>LUMP SUM TOTAL</b>	<b>\$</b>	<b>17,829.62</b>

<b>Additional Working Days Required for this Change</b>	<b>0</b>
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**EXCLUSIONS:** No cold weather conditions, testing, painting, electrical, or mechanical not listed (above/attached) are included. If this work can take place concurrently with the other work in the contract documents, and current sequence of work, then additional supervision time will not be needed - if it is required, additional supervision cost will need to be added.

Please review and contact me if you have any questions.  
Thank You,

Daniel Fuhrman  
Project Manager

Accepted By:

Date:

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# GRUNDFOS PUMPS QUOTE

Bid Date:	09/25/2025 @ 2PM – Revised 03/06/2026
Ref:	Minnetrista, MN Woodland Cove WTP
Engineer:	AE2S
Contractor:	Magney Construction

## Section 43 25 00, Submersible Liquid Pumps

### Tag: RCP1, Backwash Reclaim Pump & SLP1, Backwash Sludge Pump

**Qty 2:** Grundfos, Non-Clog, Submersible DRY PIT Sewage Pump(s) Model SEV.40.A40.75.A.EX.4.61R.Z. Pumps will be capable of delivering 210 U.S. GPM at a total dynamic head of 46 TDH. The motor will be an integral part of the pump unit. The motor shall be 7.5HP, 4-Pole, 1725 RPM connected for operation on a 460-volt, 3 phase, 60 hertz electrical supply service. Each pump motor will be equipped with 49' feet of power and control cable sized in accordance with NEC and CSA standards. Pumps will be coated with standard factory applied coating compatible with wastewater applications and NSF61 coating on the pump internals (volute, impeller, suction elbow).

**Qty 2:** Grundfos Vertical Dry Pit Stand,

**Qty 2:** Grundfos Elbow, SRXLR, 4" x 4" 3" with Cleanout

**Qty 2:** Grundfos IO113 Seal Fail Relays – supplied to Automatic Systems for installation

**Qty 4:** Grundfos Spare Impeller per 1.08.B.2 (two each pump)

**Qty 2:** Grundfos Spare Parts (Bearing Kit, O-Ring Kit & Shaft Seal Kit) per 1.08.B.1 (one each pump)

**Qty 2:** Grundfos H.I. Non-Witness Performance Tests

**Qty 1:** Day of Start Up Services, **add \$2,000** for each additional day required

**Total Quote: \$58,030.00**

**Sales Tax: Not Included**

**Lead Time (After Submittal Approval): 28-30 Weeks**

**Quote Valid: 10 Days**

### Notes and Clarifications:

- 1.07.A, pumps are not NSF61 compliant. We have spoken to the engineer, and we can offer Tnemec Poxa-Pox Series N140 coating on the suction elbow, impeller and volute (internal only) that is NSF61 compliant.
- 1.08.D, packaging for spare parts provided by others.
- 2.02.F.4, pumps are dry pit provided with a dry pit stand and suction elbows, there is no guiderail system supplied.
- 2.02F.8, standard Non-Witness HI Certified test reports will be performed for approval by the engineer prior to shipping from the factory.
- 3.02, installation by others.
- Pumps are supplied with a 4" SUCTION and DISCHARGE, exception to 3" noted on plan sheet P314. Expansion joints and reducers should be modified accordingly.

**Anything not quoted above will be by others. This includes but is not limited to the following:**

# ABS/SULZER \*BID DAY\* QUOTE

Bid Date:	<b>09/25/2025 @ 2PM</b>
Ref:	<b>Minnetrista, MN Woodland Cove WTP</b>
Engineer:	<b>AE2S</b>
Contractor:	<b>All Bidding Contractors</b>

## Section 43 25 00, Submersible Liquid Pumps

### **Tag: RCP1, Backwash Reclaim Pump & SLP1, Backwash Sludge Pump**

**Qty 2:** ABS/Sulzer Premium Efficient, Non-Clog, Submersible DRY PIT Sewage Pump(s) Model XFP100E-CB1.5 PE75/4. Pumps will be capable of delivering 210 U.S. GPM at a total dynamic head of 46 TDH. The motor will be an integral part of the pump unit. The motor shall be 10, 4-Pole, 1750 RPM connected for operation on a 460 volt, 3 phase, 60 hertz electrical supply service. Each pump motor will be equipped with 49' feet of power and control cable sized in accordance with NEC and CSA standards. Pumps will be coated with standard factory applied paint system compatible with wastewater applications.

**Qty 2:** ABS Vertical Dry Pit Stand, 17.7" H

**Qty 2:** ABS Elbow, Long Radius, 4" x 4" with Cleanout

**Qty 2:** ABS 316SS Hardware Kit, Pump to Stand

**Qty 2:** ABS 316SS Hardware Kit, Elbow to Pump

**Qty 2:** ABS CA462, 110V Seal Fail Relays – supplied to Automatic Systems for installation

**Qty 4:** ABS Hydraulic Kit (Spare Impeller) per 1.08.B.2 (two each pump)

**Qty 2:** ABS Overhaul Kit (Repair Kit) per 1.08.B.1 (one each pump)

**Qty 2:** ABS H.I. Non-Witness Performance Tests

**Qty 1:** Day of Start Up Services, **add \$2,000** for each additional day required

**Total Quote: \$41,955.00**

**Adder for NSF61 Coating (internals only) \$2,000.00**

**Sales Tax: Not Included**

**Lead Time (After Submittal Approval): 12-14 Weeks**

**Quote Valid: 10 Days**

### Notes and Clarifications:

- 1.07.A, pumps are not NSF61 compliant. We have spoken to the engineer, and we can offer Tnemec Poxa-Pox Series N140 coating on the suction elbow, impeller and volute (internal only) that is NSF61 compliant. Adder pricing listed above. This will be discussed during submittals on this project.
- 1.08.D, packaging for spare parts provided by others.
- 2.02.F.4, pumps are dry pit provided with a dry pit stand and suction elbows, there is no guiderail system supplied.
- 2.02F.8, standard Non-Witness HI Certified test reports will be performed for approval by the engineer prior to shipping from the factory.
- 3.02, installation by others.
- Pumps are supplied with a 4" SUCTION and DISCHARGE, exception to 3" noted on plan sheet P314. Expansion joints and reducers should be modified accordingly.

# COST DIFFERENCE SUMMARY

## ABS/SULZER \*BID DAY\* QUOTE

Pumps:	\$ 41,955.00
NSF Coatings:	\$ 2,000.00
<hr/>	
Subtotal:	\$ 43,955.00
Tax:	\$ 3,747.16
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<b>Total:</b>	<b>\$ 47,702.16</b>

## GRUNDFOS PUMPS QUOTE

Pump Cost:	\$ 58,030.00
NSF Coatings:	Incl'd above
<hr/>	
Subtotal:	\$ 58,030.00
Tax:	\$ 4,947.06
<hr/>	
<b>Total:</b>	<b>\$ 62,977.06</b>

**COST DIFFERENCE: \$ 15,274.89**

## Dan Fuhrman

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**From:** Ross Mindermann <Ross.Mindermann@AE2S.com>  
**Sent:** Friday, March 6, 2026 8:57 AM  
**To:** Christa Dennis; Christa Dennis  
**Cc:** Jason Draeger; Dan Fuhrman  
**Subject:** Re: Minnetrista WTP - Dry Pit Submersible Pump Sizing

That sounds good, let's plan on doing the same coating then!

Dan,

Can you resubmit this pump into Procore as 1-B so we can formally track it?

Thanks,  
Ross

 **Ross Mindermann, EIT**  
Engineer in Training  
Mobile: (763) 760-9981

---

**From:** Christa Dennis <cdennis@midwestpumpworks.com>  
**Sent:** Thursday, March 5, 2026 2:28 PM  
**To:** Christa Dennis <cdennis@iowapumpworks.com>; Ross Mindermann <Ross.Mindermann@AE2S.com>  
**Cc:** Jason Draeger <jasond@minnesotapumpworks.com>; Dan Fuhrman <dfuhrman@magneyconstruction.com>  
**Subject:** Re: Minnetrista WTP - Dry Pit Submersible Pump Sizing

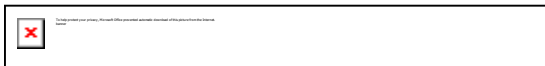
Sorry, I hit send before I could type anything. We would coat the pumps with the same NSF61 coating we recommended for the ABS pumps in the submittal. This would take place in our shop or at a local painting / sandblasting company.



### Christa Dennis

Project Lead

**p.** 515.635.0025 **m.** 515.669.7219  
**e.** [cdennis@midwestpumpworks.com](mailto:cdennis@midwestpumpworks.com)  
**w.** [www.midwestpumpworks.com](http://www.midwestpumpworks.com)  
**a.** 825 SW Ordnance Road Ankeny, IA 50023



**Iowa Pump Works, Minnesota Pump Works and Wisconsin Pump Works have combined into a new name "Midwest Pump Works". Please update your records and my email address to reflect these changes.**

**From:** Ross Mindermann <Ross.Mindermann@AE2S.com>  
**Sent:** Thursday, March 5, 2026 1:35 PM  
**To:** Christa Dennis <cdennis@iowapumpworks.com>  
**Cc:** Jason Draeger <jasond@minnesotapumpworks.com>; Dan Fuhrman <dfuhrman@magneyconstruction.com>  
**Subject:** Re: Minnetrista WTP - Dry Pit Submersible Pump Sizing

Christa,

Thank you for clarifying this for me! After looking into this pump more it does appear that it will meet all of our needs and be able to operate across the full range.

Can Grundfos supply this pump with NSF certification or will we need to provide the coatings again?

Thanks,  
Ross

 **Ross Mindermann, EIT**  
Engineer in Training  
Mobile: (763) 760-9981

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**From:** Christa Dennis <cdennis@iowapumpworks.com>  
**Sent:** Tuesday, February 10, 2026 11:28 AM  
**To:** Ross Mindermann <Ross.Mindermann@AE2S.com>  
**Cc:** Jason Draeger <jasond@minnesotapumpworks.com>; Dan Fuhrman <dfuhrman@magneyconstruction.com>  
**Subject:** Re: Minnetrista WTP - Dry Pit Submersible Pump Sizing

Ross,

I may be able to provide **ONE pump** from Grundfos to produce the duty points that you require but they are asking me for your complete system curve with all the points you mention below so we can confirm the pumps can do the low flows required.

Please send me a copy of the system curve for each station - they should be fairly similar.

*From the engineer:*

*Here are the full conditions that I'm trying to hit. Both pumps should be able to handle both the reclaim water and the sludge at the bottom of the tank!*

*My full range of pumping conditions for the full plant for my reclaim and sludge pumps are as follows:*

*Reclaim:*

*Min Static Head: 23.48'*

*Max Static Head: 39'*

*Potential Minor Losses: Potentially up to 7.8' (at 210 gpm)*

*Low Flow: 50 gpm*

*Average Flow: 100 gpm*

Max Flow: 210 gpm

Sludge:

Min Static Head: 28'

Max Static Head: 30'

Potential Minor Losses: Potentially up to 7.4' (at 210 gpm)

Low Flow: 50 gpm

Average Flow: 100 gpm

Max Flow 210 gpm



Iowa Pumps Works  
Minnesota Pump  
Works  
Wisconsin Pump  
Works



**Christa Dennis**

Project Lead

825 SW Ordnance Road  
Ankeny, IA 50023

515.669.7219

515.635.0025

[cdennis@iowapumpworks.com](mailto:cdennis@iowapumpworks.com)

[www.iowapumpworks.com](http://www.iowapumpworks.com)

---

**From:** Christa Dennis <cdennis@iowapumpworks.com>

**Sent:** Wednesday, February 4, 2026 1:05 PM

**To:** Ross Mindermann <ross.mindermann@ae2s.com>

**Cc:** Jason Draeger <jasond@minnesotapumpworks.com>; Dan Fuhrman  
<dfuhrman@magneyconstruction.com>

**Subject:** Fw: Minnetrista WTP - Dry Pit Submersible Pump Sizing

I am sending the missing dimensional drawing as reference below.



Iowa Pumps Works  
Minnesota Pump  
Works  
Wisconsin Pump  
Works



**Christa Dennis**

Project Lead

825 SW Ordnance Road  
Ankeny, IA 50023

515.669.7219

515.635.0025

[cdennis@iowapumpworks.com](mailto:cdennis@iowapumpworks.com)

[www.iowapumpworks.com](http://www.iowapumpworks.com)

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**From:** Christa Dennis <cdennis@iowapumpworks.com>

**Sent:** Wednesday, February 4, 2026 12:31 PM

**To:** Ross Mindermann <Ross.Mindermann@AE2S.com>; Jason Draeger <jasond@minnesotapumpworks.com>

**Cc:** Dan Fuhrman <dfuhrman@magneyconstruction.com>

**Subject:** Re: Minnetrista WTP - Dry Pit Submersible Pump Sizing

Ross,

This one was a challenge for me, so I apologize it took so long to respond. I am proposing the attached dry pit pump selection from Grundfos. I know it is a different brand of pump, but ABS does not have an option for the low flows in a dry pit arrangement. I would like you to review the attached curve. I can provide this pump in a horizontal dry pit arrangement which is depicted in the attached packet or there is also an option for a vertical arrangement with a suction elbow similar to the ABS / Sulzer pumps. I have requested this drawing from Grundfos and have not received it.

Would you kindly review what I have sent and let me know the following:

1. Is this curve acceptable for the lower flows you are requesting?
2. Let me know what installation arrangement you or the client prefer
3. The motors for the smaller pumps are 5.5 HP while the motors for the larger pumps are 10 HP. I am not aware if this would be an issue to oversize the VFD's, this will need to be reviewed with your electrical team and the VFD supplier.
4. Do you require NSF61 coatings on these pumps as well?

Please let me know your thoughts after review.

\*\*Note: I have also sent all the flow rates to Grundfos to see if they can do all the flow rates required with ONE pump model....if that is possible I will let you know. This is doubtful.

Regards,



**Iowa Pumps Works**  
**Minnesota Pump Works**  
**Wisconsin Pump Works**



**Christa Dennis**

Project Lead

- 825 SW Ordnance Road  
Ankeny, IA 50023
- 515.669.7219
- 515.635.0025
- [cdennis@iowapumpworks.com](mailto:cdennis@iowapumpworks.com)
- [www.iowapumpworks.com](http://www.iowapumpworks.com)

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**From:** Ross Mindermann <Ross.Mindermann@AE2S.com>

**Sent:** Friday, January 16, 2026 6:38 PM

**To:** Christa Dennis <cdennis@iowapumpworks.com>; Jason Draeger <jasond@minnesotapumpworks.com>

**Cc:** Dan Fuhrman <dfuhrman@magneyconstruction.com>

**Subject:** Re: Minnetrista WTP - Dry Pit Submersible Pump Sizing

Hey Christa,

No problem, here is the full conditions that I'm trying to hit. Both pumps should be able to handle both the reclaim water and the sludge at the bottom of the tank!

My full range of pumping conditions for the full plant for my reclaim and sludge pumps are as follows:

**Reclaim:**

Min Static Head: 23.48'  
Max Static Head: 39'  
Potential Minor Losses: Potentially up to 7.8' (at 210 gpm)  
Low Flow: 50 gpm  
Average Flow: 100 gpm  
Max Flow: 210 gpm

**Sludge:**

Min Static Head: 28'  
Max Static Head: 30'  
Potential Minor Losses: Potentially up to 7.4' (at 210 gpm)  
Low Flow: 50 gpm  
Average Flow: 100 gpm  
Max Flow 210 gpm

The pump submitted will work for the high rate flow, but for better operating conditions at plant start-up I'd like a second pump that is cable of feeding at the lower range. Ideally the same VFD will work for the larger pump and the smaller pump so that in the future, if desired, the City will be able to install a second larger pump.

Feel free to give me a call next week if you would like to run through this or if you have some more questions!

Thanks and have a great weekend,  
Ross



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**From:** Christa Dennis <cdennis@iowapumpworks.com>  
**Sent:** Friday, January 16, 2026 5:30 PM  
**To:** Ross Mindermann <Ross.Mindermann@AE2S.com>; Jason Draeger <jasond@minnesotapumpworks.com>  
**Cc:** Dan Fuhrman <dfuhrman@magneyconstruction.com>  
**Subject:** Re: Minnetrista WTP - Dry Pit Submersible Pump Sizing

Ross,

Sorry - I was out of town Mon-Thurs and just playing catch up today.

Can you confirm the full conditions for the second pump?

Provide Low Flow GPM, Average Flow GPM, TDH and static head desired for the smaller pump.

I just want to be sure I am sizing the new pump correctly.



**Iowa Pumps Works**

**Christa Dennis**  
Project Lead

825 SW Ordnance Road  
Ankeny, IA 50023

**Minnesota Pump  
Works  
Wisconsin Pump  
Works**



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☒ [www.iowapumpworks.com](http://www.iowapumpworks.com)

---

**From:** Ross Mindermann <Ross.Mindermann@AE2S.com>  
**Sent:** Wednesday, January 14, 2026 12:38 PM  
**To:** Christa Dennis <cdennis@iowapumpworks.com>; Jason Draeger <jasond@minnesotapumpworks.com>  
**Cc:** Dan Fuhrman <dfuhrman@magneyconstruction.com>  
**Subject:** Re: Minnetrista WTP - Dry Pit Submersible Pump Sizing

Good afternoon, Christa and Jason,

Thank you for the call last week, it sounds like it isn't a possibility to meet the low flow rate and the high flow rate with the current varying head conditions and the pump.

After discussing with my engineer, we are wondering if there is another pump option available that would be able to pump closer to the 60 gpm across the full head range? We are thinking of doing one pump of the currently submitted pump and then providing a smaller second pump.

If you would like to give me a call, it may be easier to discuss on the phone or we can set-up a quick teams meeting!

Thanks,

Ross

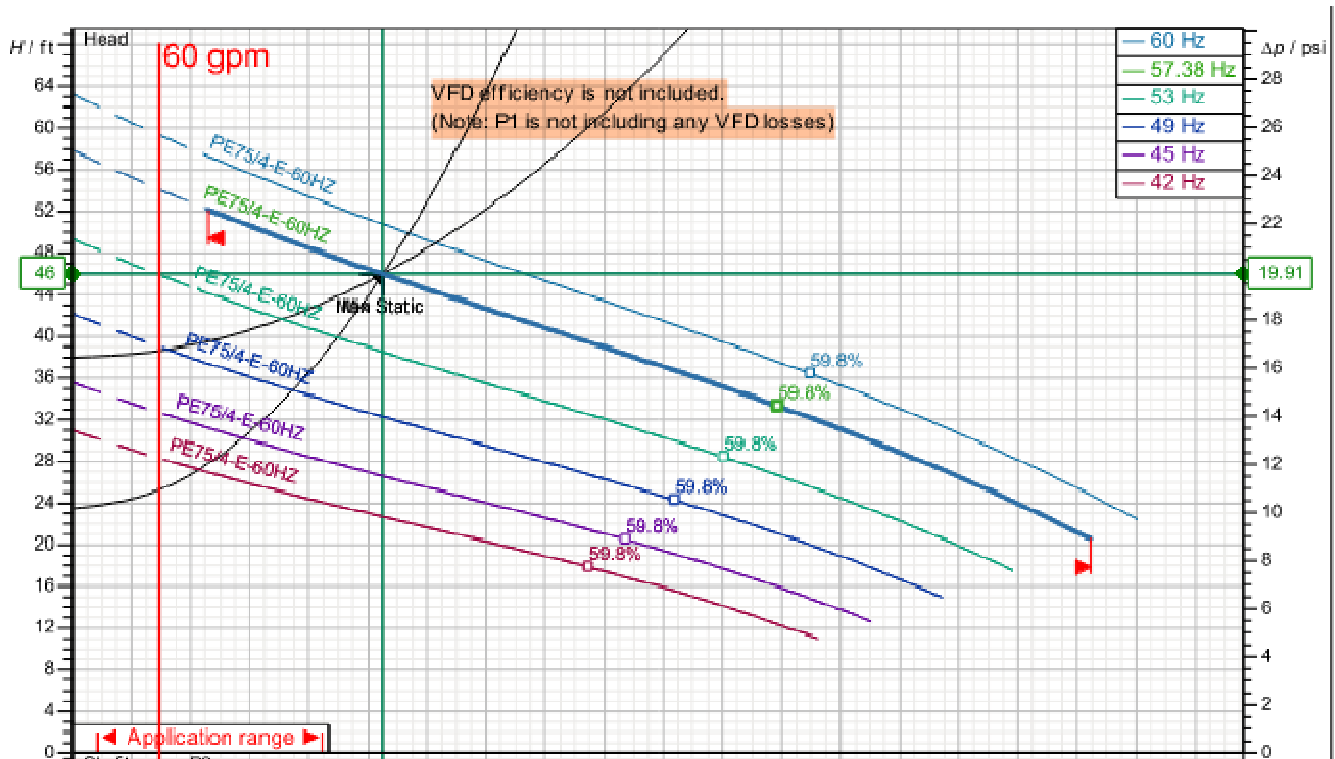
 **AES** Ross Mindermann, EIT  
Engineer in Training  
Mobile: (763) 760-9981

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**From:** Ross Mindermann  
**Sent:** Friday, January 9, 2026 12:10 PM  
**To:** Christa Dennis <cdennis@iowapumpworks.com>  
**Cc:** Dan Fuhrman <dfuhrman@magneyconstruction.com>  
**Subject:** Minnetrista WTP - Dry Pit Submersible Pump Sizing

Good morning, Christa,

I was taking a look through the VFD pump curve that you sent over and I am thinking that we would like the reclaim pump to be able to run down to 60 gpm at full speed, do you have a pump that can cover that range? Just based on the pump curve, it looks like we will run into some issues reclaiming at lower rates when the tank is being drained.



Please give me a call if you'd like to discuss further or would like some more detail!

Thanks,

Ross



**Top 5 Best Firm  
To Work For**



## Ross Mindermann, EIT

Engineer in Training

Mobile: (763) 760-9981

Email: [Ross.Mindermann@AE2S.com](mailto:Ross.Mindermann@AE2S.com)

Address: Water Tower Place Business Center

6901 E Fish Lake Rd Ste 184

Maple Grove, MN 55369

Office Phone: (763) 463-5036



<b>SEND TO</b>		<b>FROM</b>
<i>Company Name</i> AE2S		<i>Magney Representative</i> Dan Fuhrman
<i>Attention</i> Ross Mindermann		<i>Date</i> 5/11/2026
<i>Fax</i>	<i>Phone:</i> (763) 760-9981	<i>Proposal #</i> COR No. 03 - Field Order 6 Civil Changes

**COMMENTS**

Dear Ross Mindermann

Magney Construction, Inc. is pleased to present the following cost to include the necessary labor, material and equipment to make the civil site changes identified in Field Order No. 06. This includes reducing the draintile size at the ponds from 6-in to 4-in, adding cleanouts for the draintile, and increasing the amount of filtration mulch in the filtration basins. The cost for this change has been summarized below.

<b>LABOR:</b>	\$	-
<b>MATERIAL:</b>	\$	-
<b>EQUIPMENT:</b>	\$	-
<b>SUBCONTRACTOR:</b>	\$	8,538.49
S.M. Hentges & Sons - Reduce draintile at ponds from 6" to 4", F&I cleanouts for the draintile, thicken the amount of filtration mulch at the filtration basins per RFI Response #13.		
<b>Subtotal:</b>	\$	8,538.49
<b>Contractor's Overhead:</b>	\$	426.92
<b>Bond &amp; Insurance Premium:</b>	\$	134.48
<b>LUMP SUM TOTAL</b>	<b>\$</b>	<b>9,099.90</b>

<b>Additional Working Days Required for this Change</b>	<b>0</b>
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**EXCLUSIONS:** No cold weather conditions, testing, painting, electrical, or mechanical not listed (above/attached) are included. If this work can take place concurrently with the other work in the contract documents, and current sequence of work, then additional supervision time will not be needed - if it is required, additional supervision cost will need to be added.

Please review and contact me if you have any questions.

Thank You,

Daniel Fuhrman  
Project Manager

Accepted By:

Date:



**S.M. HENTGES & SONS**  
*Constructing Communities Since 1981*

650 Quaker Avenue  
 Jordan MN 55352  
 650 Quaker Avenue  
 Jordan MN 55352  
 estimating@smhntges.com  
 smhntges.com  
 facebook.com/smhntges

**Cost Detail With Pricing**

**Project Name:** Woodland Cove Water Treatment Plant  
**Job Number:** 0125-01546 **Bid Number:** 25-354  
**Bid As:** Subcontractor  
**Estimator:** Justin Rice  
**Project Address:** 4662-4618 Wolfberry Road Curve, Minnetrista, MN  
**Completion Date:** 9/30/2027

**Customer:** Magney Construction Inc  
**Billing Address:** 1401 Park Road  
 Chanhassen, MN 55317  
**Phone:** 952-474-1679  
**Contact:** Dan Fuhrman

**Change Order: FCO-06 - Utility Changes**

**Pay Items**

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost	Total Price	Markup Percent
<b>D</b> 1 - 01 - Revised Utility Drawings	1.00	LS		<b>\$7,424.77</b>	<b>\$8,538.49</b>	<b>15.00%</b>
<b>D</b> Draintile	143.00	LS	(\$1.50)			
<b>E</b> PVC Pipe, SCH 40 Perf, 04"	259.00	LF	\$3.97	\$1,029.16		
<b>E</b> PVC Pipe - SCH 40, Perf 6"	-259.00	LF	\$5.48	(\$1,419.44)		
<b>D</b> Draintile Cleanout	4.00	EACH				
<b>A</b> Pipe Crew Class 10 - Storm (1.50 EACH/PH, 0.24 DY)	4.00	EACH				
<b>E</b> Class 10 Backhoe	2.67	HR	\$90.00	\$240.30		
<b>E</b> Backhoe Operator	2.67	HR	\$110.00	\$293.70		
<b>E</b> Foreman Pickup	2.67	HR	\$50.00	\$133.50		
<b>E</b> Foreman	2.67	HR	\$134.00	\$357.78		
<b>E</b> Skidsteer	2.67	HR	\$105.00	\$280.35		
<b>E</b> Skid Loader Operator	2.67	HR	\$110.00	\$293.70		
<b>E</b> Bottom Man	2.67	HR	\$106.00	\$283.02		
<b>E</b> PVC Bend, 90 deg, 4"	4.00	EACH	\$47.04	\$188.17		
<b>E</b> PVC Pipe, SCH 40, 04"	40.00	LF	\$5.60	\$224.17		
<b>E</b> PVC Cap, 04"	4.00	EACH	\$14.56	\$58.25		
<b>E</b> PVC Cleanout, 04"	4.00	EACH	\$21.84	\$87.36		
<b>E</b> Concrete, 3500 PSI	1.00	CY	\$224.02	\$224.02		
<b>D</b> Import Soil Mix D (Plaisted Co)	61.00	CYT				
<b>A</b> Grading, CL40 Dozer, CL40 Loader, FM (50.00 CYT/PH, 0.11 DY)	61.00	CYT				
<b>E</b> GR Foreman Pickup	1.22	HR	\$50.00	\$61.00		
<b>E</b> GR Foreman	1.22	HR	\$134.00	\$163.48		



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 W: [smhntges.com](http://smhntges.com)  
 S: [facebook.com/smhntges](https://facebook.com/smhntges)

## Cost Detail With Pricing

**Project Name:** Woodland Cove Water Treatment Plant  
**Job Number:** 0125-01546     **Bid Number:** 25-354  
**Bid As:** Subcontractor  
**Estimator:** Justin Rice  
**Project Address:** 4662-4618 Wolfberry Road Curve, Minnetrista, MN  
**Completion Date:** 9/30/2027

**Customer:** Magney Construction Inc  
**Billing Address:** 1401 Park Road  
 Chanhassen, MN 55317  
**Phone:** 952-474-1679  
**Contact:** Dan Fuhrman

### Change Order: FCO-06 - Utility Changes

Class 40 Loader	1.22 HR	\$141.00	\$172.02
Loader Operator	1.22 HR	\$110.00	\$134.20
Class 40 Dozer	1.22 HR	\$199.00	\$242.78
Dozer Operator	1.22 HR	\$110.00	\$134.20
Biorention Soil (Plaisted Companies Inc)	61.00 CY	\$51.47	\$3,139.72
Excavate & Export Common (Sandpiper)	45.22 CY		
Grading, CL40 Hoe, CL50 Dozer, FM (187.00 CYT/PH, 0.02 DY)	45.22 CYT		
Class 40 Backhoe	0.24 HR	\$190.00	\$45.60
Backhoe Operator	0.24 HR	\$110.00	\$26.40
Class 40 Dozer	0.24 HR	\$199.00	\$47.76
Dozer Operator	0.24 HR	\$110.00	\$26.40
GR Foreman Pickup	0.24 HR	\$50.00	\$12.00
GR Foreman	0.24 HR	\$134.00	\$32.16
Dump Fee- Dirt (SM HENTGES AND SONS INC)	61.05 CYT	\$2.24	\$136.73
Trucking (1.00 DY, 0.55 Trucks, 6.10 CYT/HR)	61.05 CYT	\$12.72	\$776.28



# Field Order / Supplemental Instruction

Field Order No.: FO-6

Date: 3/20/2026

To: Dan Fuhrman  
Title: Project Manager  
Company: Magney Construction  
Address: 1401 Park Road  
Chanhassen, MN 55317

From: Bri Amundson  
Title: Resident Project Representative  
AE2S No.: P05355-2024-008

You are hereby directed to execute this Field Order / Supplemental Instruction that interprets or provides for minor revisions to the Contract Documents without changes to the Contract Price or Time.

Referenced Document(s):

Specification Section(s):  
Drawing(s): C703, C706, C218, C219

Description of Interpretation or Change:  
Standard details and sitework piping changes.

Attachments: Reissued Drawings C703, C706, C218, C219

Signature: Bri Amundson

Attachments (/ist):  
C703  
C706  
C218  
C219

Copies:  
 Posted on Newforma  
 Field Office, Bri Amundson, AE2S  
 AE2S File  
 Other:

SEE CITY PLATE NO. STO-12 FOR RIPRAP PLACEMENT.

ANCHOR CLIP

24" MAX

6"

H

ANCHOR BOTH SIDES.

TIE LAST 3 PIPE JOINTS. USE 2 TIE BOLT FASTENERS PER JOINT. INSTALL AT 60° FROM TOP OR BOTTOM OF PIPE.

PROVIDE 3 ANCHOR CLIPS TO FASTEN TRASH GUARD TO FLARED END SECTION. HOT DIP GALVANIZE AFTER FABRICATION.

TRASH GUARD SIZING			
PIPE SIZE	BAR	TIE	BOLTS
12" - 18"	3/4" O.D.	4"	5/8"
21" - 42"	1" O.D.	6"	3/4"
48" - 72"	1-1/4" O.D.	12"	1"

TRASH GUARDS ARE ONLY REQUIRED ON INLETS.

	FLARED END SECTION AND TRASH GUARD	STANDARD DETAILS	
		Date: JAN. 2022	STO-08

MATERIAL IN THESE AREAS SHALL BE CONSIDERED INCIDENTAL.

12"

COMPACTED BACKFILL

GRANULAR BEDDING MNDOT SPEC. 3149B1 MOD.

6"

COARSE FILTER AGGREGATE MNDOT SPEC. 3149H MOD.

GRANULAR FOUNDATION

IMPROVED FOUNDATION AS REQUIRED BY SOILS ENGINEER (INCIDENTAL)

D+12" MIN.

"D" DENOTES OUTSIDE DIAMETER OF PIPE

	IMPROVED FOUNDATION FOR RCP AND DIP	STANDARD DETAILS	
		Date: JAN. 2022	BED-03

MATERIAL IN THESE AREAS ARE CONSIDERED INCIDENTAL.

12"

COMPACTED BACKFILL

GRANULAR BEDDING MNDOT SPEC. 3149B1 MOD.

6"

D+12" MIN.

"D" DENOTES OUTSIDE DIAMETER OF PIPE

PIPE FOUNDATION & BEDDING IN GOOD SOILS

MATERIAL IN THESE AREAS ARE CONSIDERED INCIDENTAL.

12"

COMPACTED BACKFILL

GRANULAR BEDDING MNDOT SPEC. 3149B1 MOD.

6"

COARSE FILTER AGGREGATE MNDOT SPEC. 3149H MOD.

GRANULAR FOUNDATION

IMPROVED FOUNDATION AS REQUIRED BY SOILS ENGINEER (INCIDENTAL)

D+12" MIN.

"D" DENOTES OUTSIDE DIAMETER OF PIPE

PIPE FOUNDATION & BEDDING IN POOR SOILS

	BEDDING METHODS FOR PVC AND DUCTILE IRON PIPE	STANDARD DETAILS	
		Date: JAN. 2022	BED-01

MATERIAL IN THIS AREA IS CONSIDERED INCIDENTAL.

6"

COMPACTED BACKFILL

0.50"

D+12" MIN.

"D" DENOTES OUTSIDE DIAMETER OF PIPE

PIPE FOUNDATION & BEDDING IN GOOD SOILS

MATERIAL IN THIS AREA IS CONSIDERED INCIDENTAL.

6"

COMPACTED BACKFILL

0.50"

COARSE FILTER AGGREGATE MNDOT SPEC. 3149H MOD.

D/4 BUT NOT LESS THAN 6"

D+12" MIN.

"D" DENOTES OUTSIDE DIAMETER OF PIPE

PIPE FOUNDATION & BEDDING IN POOR SOILS

	BEDDING METHODS FOR RCP	STANDARD DETAILS	
		Date: JAN. 2022	BED-02

**NOTES**

1. GROUT SHALL BE PLACED TO FILL VOIDS WHEN USING RCP PIPE.
2. FILL INVERT TO DESIGN GRADE WITH CONCRETE.
3. INSTALL SALVAGED GRATE ON NEW OUTLET CONTROL STRUCTURE.

DRAIN TILE

WEIR

18" DIA RCP OUTLET PIPE

15" DIA RCP LOW FLOW PIPE

PLAN

1005.25

1004.5

48"

6"

1003.0

18" DIA RCP OUTLET PIPE

15" DIA RCP LOW FLOW PIPE

INV = 999.5

INV = 1000.0

PRECAST BASE SLAB

6" CLASS 5 AGGREGATE BASE (MIN.)

UNDISTURBED SOIL

SECTION A-A

**1** **OUTLET CONTROL STRUCTURE**  
 C703 SCALE: NONE

Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE:

TYPED NAME: DANIEL LANDRUS  
 OCTOBER 2, 2025 LIC. NO. 54283

STATUS: CONSTRUCTION	10-02-25	DATE
	WATERSHED DISTRICT PERMIT	SYM

PROJECT TITLE: MINNETRISTA WOODLAND COVE WTP PROJECT  
 Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: CIVIL STANDARD DETAILS

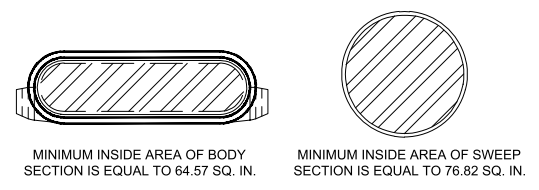
CLIENT: CITY OF MINNETRISTA MINNETRISTA, MN	PREPARED BY: CSD/GP
	CHECKED BY: DL
	APPROVED BY: DL

PROJECT NO: P05355-2023-002 SHEET DESIGNATOR: SHEET NO:  
 DATE: JULY 2025  
 ALT. PROJECT NO: 000-0000

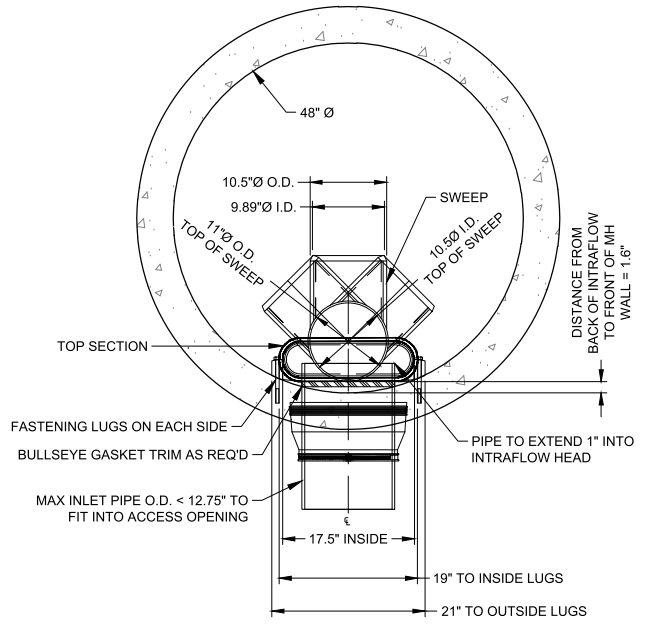
SD C703

File: C:\Users\dlandrus\OneDrive\Documents\AES\2023-02\02 Minnetrista Woodland Cove WTP\Project\Drawings\DWG\Civil\Plan\_Sweeps\Standard\_Details.dwg

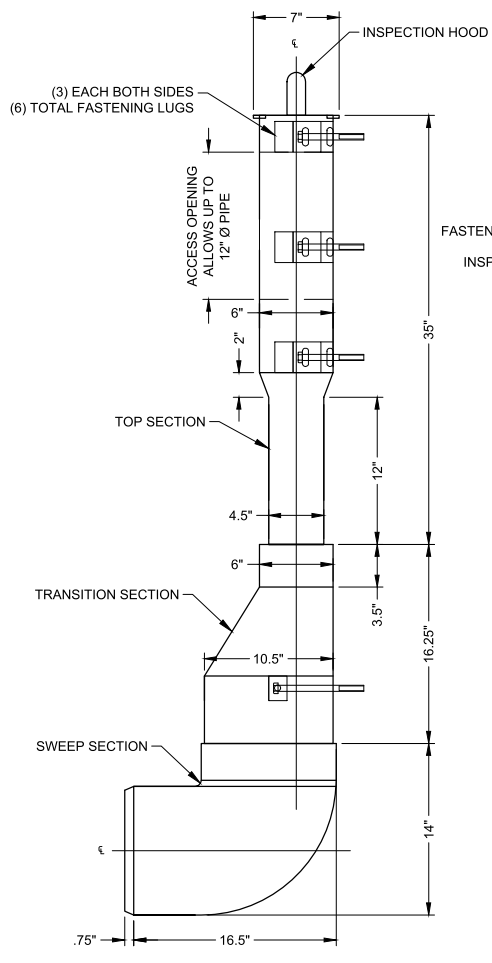
**TOP SECTION DETAIL**      **SWEEP SECTION DETAIL**



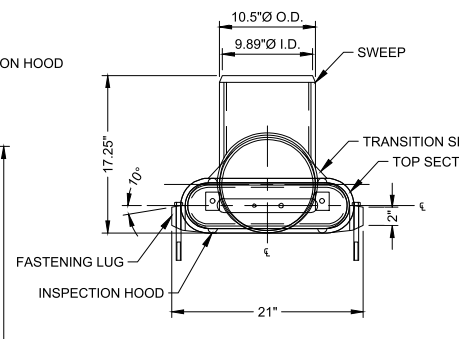
**TOP VIEW**



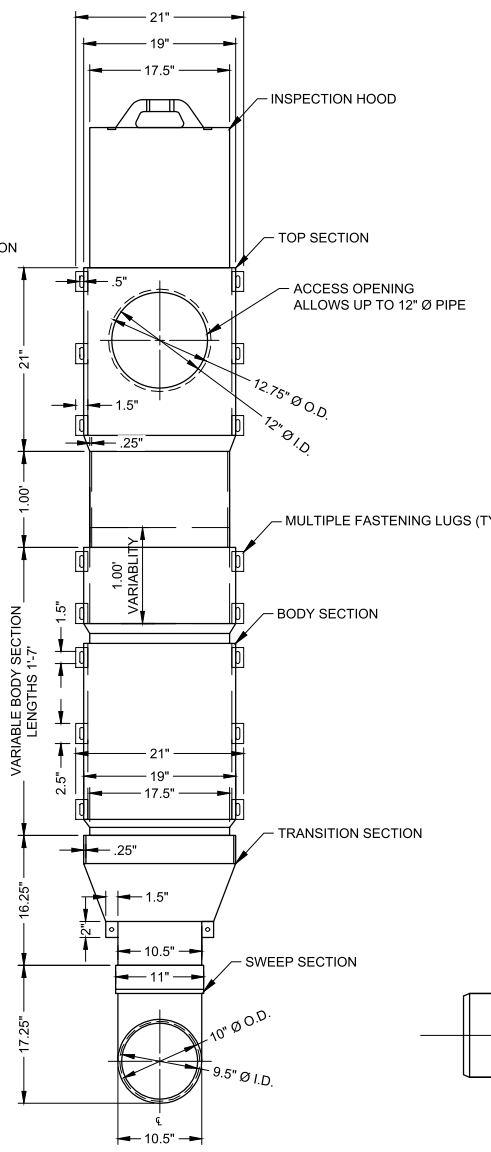
**SIDE VIEW**



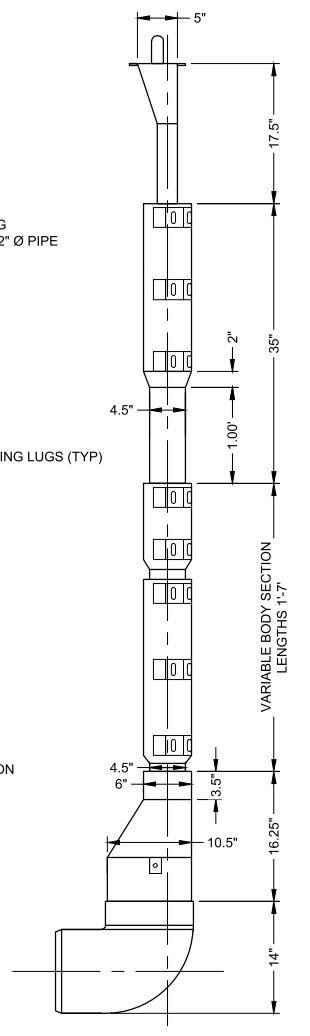
**TOP VIEW**



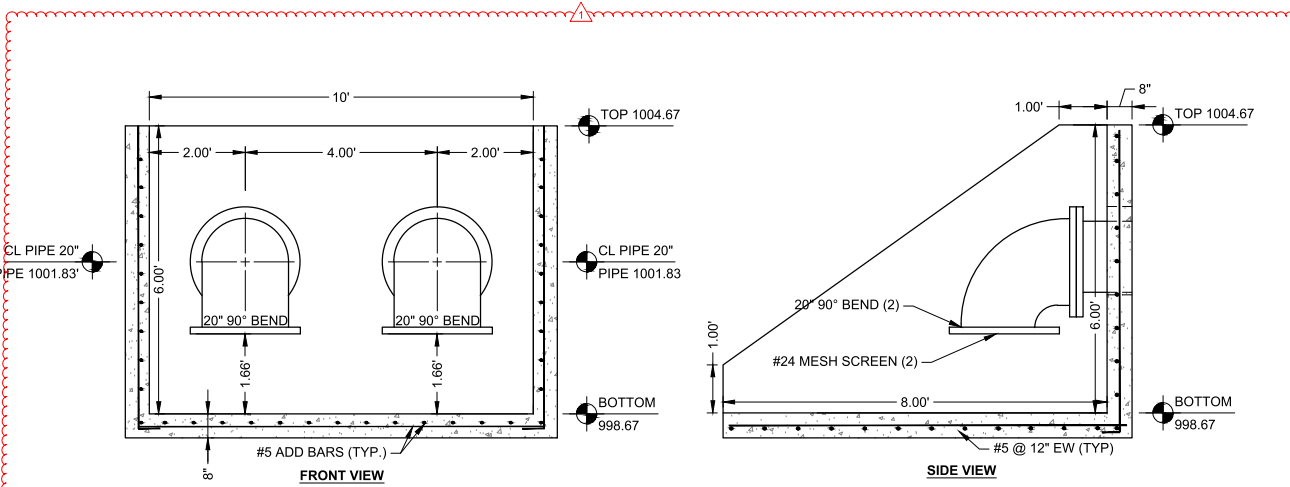
**FRONT VIEW**



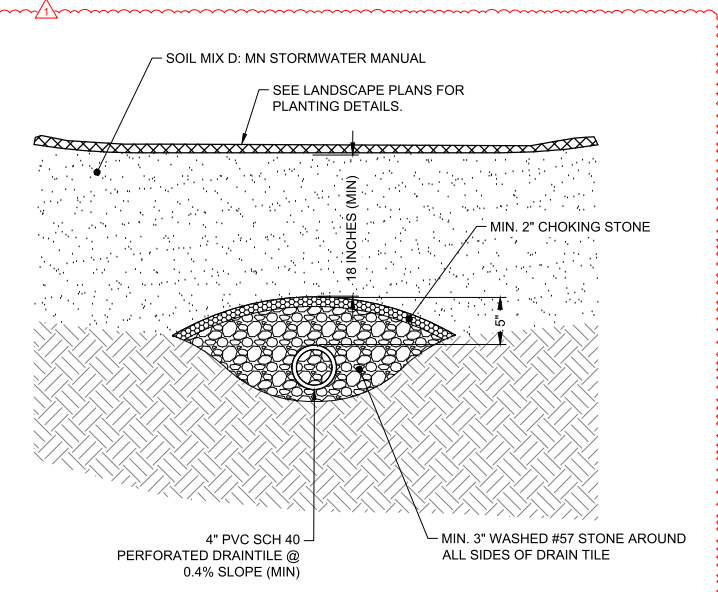
**SIDE VIEW**



**1 INSIDE DROP MANHOLE DETAIL**  
C706 NO SCALE



**2 OUTFALL STRUCTURE DETAIL**  
C706 NO SCALE



**3 FILTRATION BASIN MEDIA AND DRAINTILE**  
C706 NO SCALE



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively

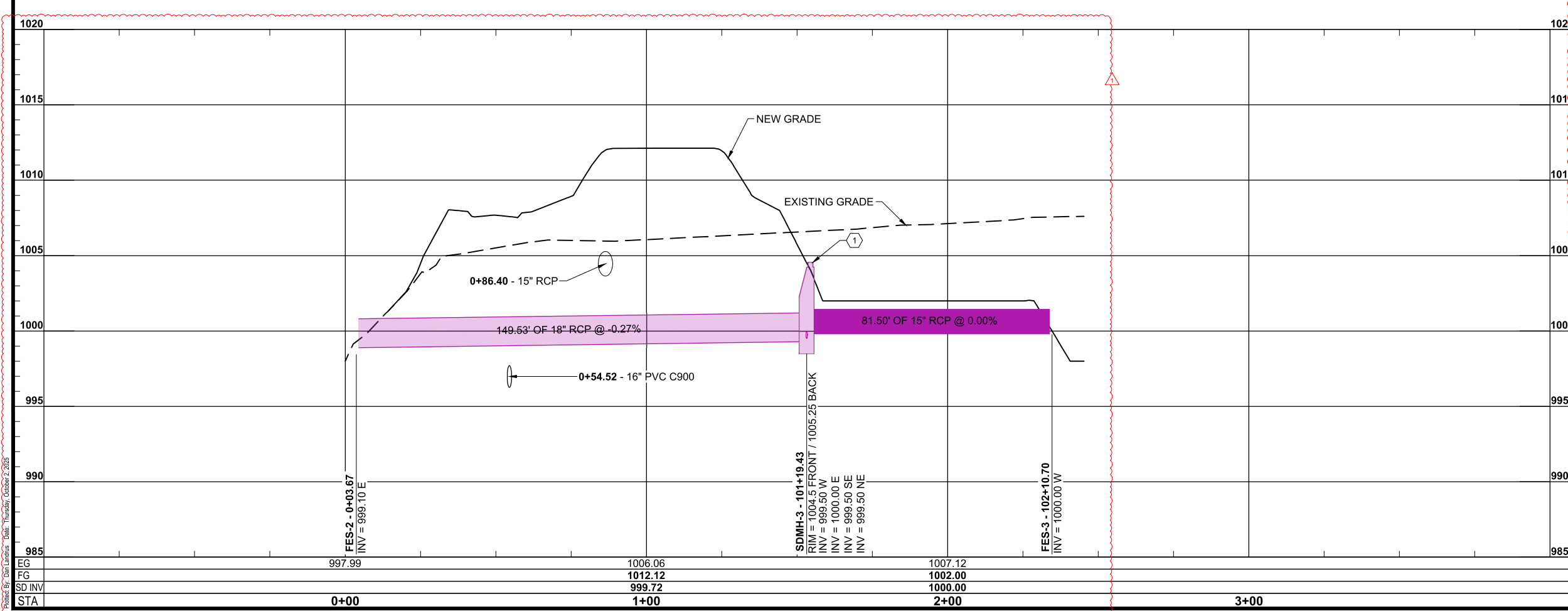
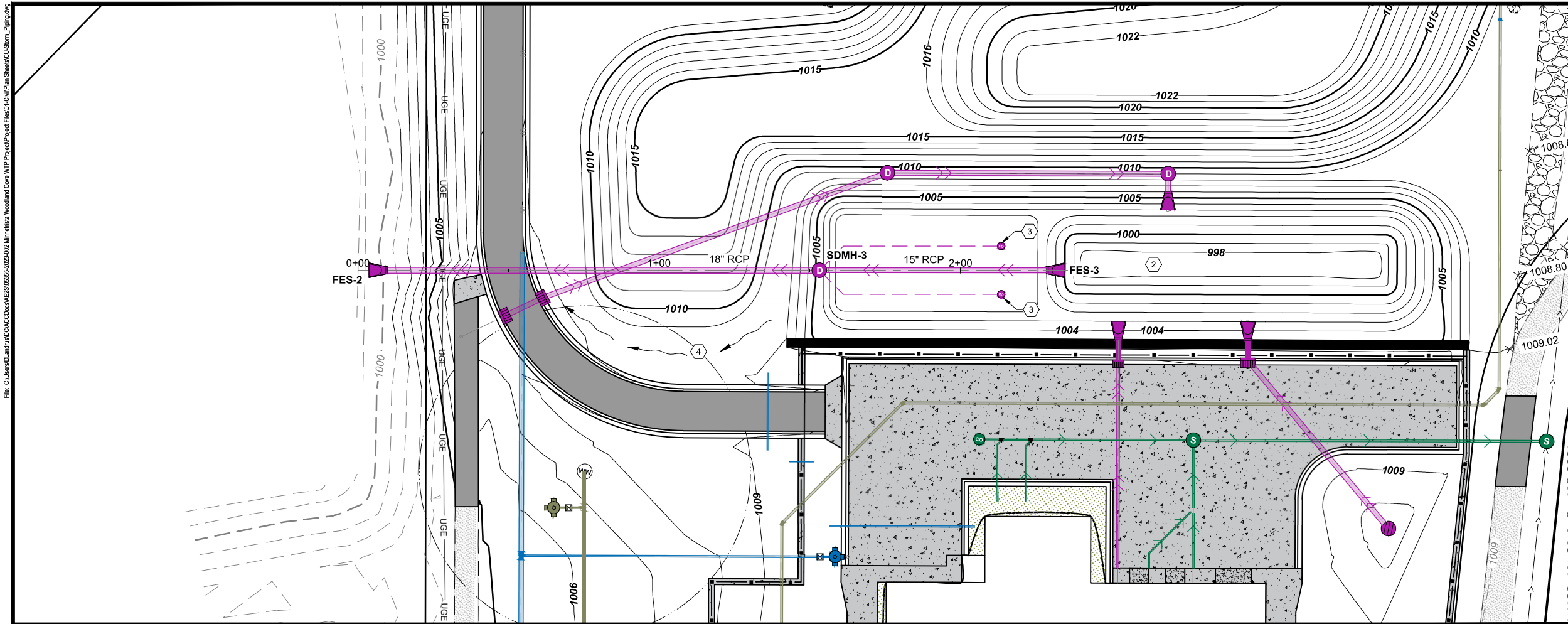
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SIGNATURE: *[Signature]*  
TYPED NAME: DANIEL LANDRUS  
OCTOBER 2, 2025 LIC. NO. 54283

STATUS	CONSTRUCTION
DATE	10-02-25
SYMBOL	WATERSHED DISTRICT PERMIT
APPR	

SHEET TITLE: CIVIL STANDARD DETAILS		
CLIENT: CITY OF MINNETRISTA MINNETRISTA, MN	SHEET DESIGNATOR: SD	SHEET NO.: C706
PROJECT NO: P05355-2023-002 DATE: JULY 2025 ALT. PROJECT NO: 000-0000	PREPARED BY: CSD/GP CHECKED BY: DL APPROVED BY: DL	

MINNETRISTA WOODLAND COVE WTP PROJECT  
Advanced Engineering and Environmental Services, LLC www.ae2s.com

File: C:\Users\duanow\OneDrive\Documents\ES2023-002\002 Minnetrista Woodland Cove WTP Project\Project Files\Plan Sheet\CU Storm\_Piping.dwg



**AES<sup>2</sup>**

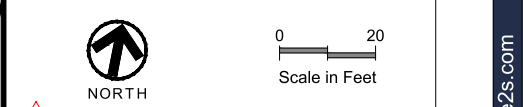
Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively

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SIGNATURE: *[Signature]*

TYPED NAME: DANIEL LANDRUS  
 OCTOBER 2, 2025 LIC. NO. 54283

STATUS: CONSTRUCTION  
 10-02-25 WATERSHED DISTRICT PERMIT  
 DATE



- GENERAL NOTES**
- INSTALL ARTICULATED CONCRETE BLOCK MAT AT ALL STORM OUTLETS. SEE DETAIL 1/C708.
  - TRANSITION FROM PERFORATED PVC DRAIN TILE TO SOLID WALL PVC SCH 40 WHEN DRAIN TILE IS INSTALLED OUTSIDE OF FILTRATION BENCH.
- CONSTRUCTION NOTES**
- OUTLET CONTROL STRUCTURE: SEE DETAIL 1/C703.  
 GRATE TOP - INSTALL SALVAGED GRATE  
 RIM (FRONT/LOW) = 1004.5  
 RIM (BACK/HIGH) = 1005.25  
 6" THICK X 48" WIDE WEIR = 1003.0
  - STORM BASIN:  
 BOTTOM: 998.0  
 NWL / TOP OF SAND: 1002.0  
 DOLI WATER QUALITY VOLUME: 1002.9  
 100 YR HWL: 1004.2  
 TOP: 1008.0
  - INSTALL FILTRATION MEDIA AND 4" DRAIN TILE PER DETAIL 3/C706  
 INSTALL END OF LINE CLEAN OUT PER DETAIL SAN-10 ON C708.  
 DRAIN TILE INVERT AT CLEAN OUT = 999.75'
  - EMERGENCY OVERTFLOW: 1008.0'  
 CONTRACTOR TO GRADE EOF AREA TO ELEVATION 1008.0 FROM TOP OF POND TO CATCH BASIN.

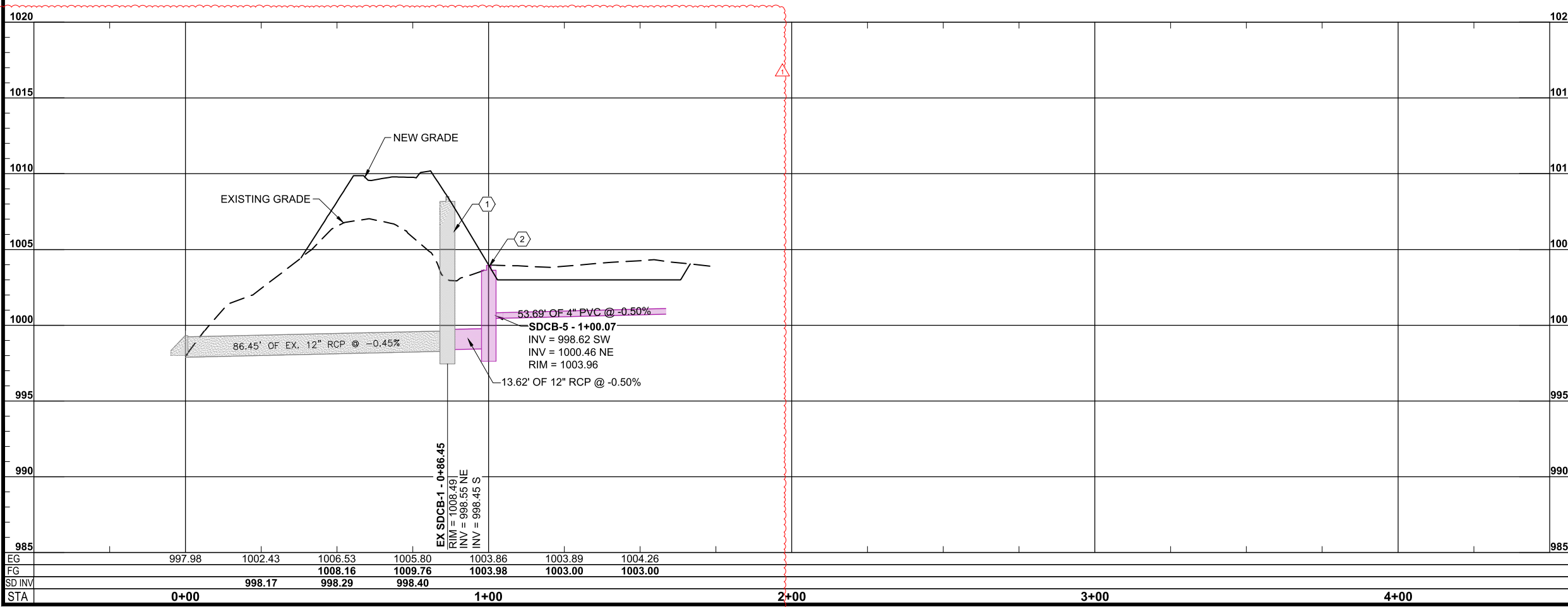
SHEET TITLE: **SITE PIPING - PLAN & PROFILE - STORM SEWER**

CLIENT: <b>CITY OF MINNETRISTA</b> MINNETRISTA, MN	PREPARED BY: GP
	CHECKED BY: DL
	APPROVED BY: DL

PROJECT NO: P05355-2023-002 SHEET DESIGNATOR: SW SHEET NO: C218  
 DATE: JULY 2025  
 ALT. PROJECT NO: 000-0000

MINNETRISTA WOODLAND COVE WTP PROJECT  
 Advanced Engineering and Environmental Services, LLC www.ae2s.com

File: C:\Users\duanuo\OneDrive\AES\2023-2023-002\Minnetrista Woodland Cove WTP Project\Project Files\Site Plan Sheet\GIS Storm\_Piping.dwg



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE: *[Signature]*

TYPED NAME: DANIEL LANDRUS  
 OCTOBER 2, 2025 LIC. NO. 54283

NORTH

Scale in Feet

**CONSTRUCTION NOTES**

- 1 ADJUST STRUCTURE TO NEW GRADE. INSTALL CASTING PER DETAIL STO-01 ON SHEET C702
- 2 INSTALL BEEHIVE GRATE
- 3 FILTRATION DITCH:  
 INSTALL FILTRATION MEDIA AND 4" DRAIN TILE PER DETAIL 3/C706  
 INSTALL END OF LINE CLEAN OUT PER DETAIL SAN-10 ON C708.  
 DRAIN TILE INVERT AT CLEAN OUT = 1000.75'
- 4 EMERGENCY OVERFLOW: EXISTING DRAINAGE PATH

**MINNETRISTA WOODLAND COVE WTP PROJECT**

Advanced Engineering and Environmental Services, LLC www.ae2s.com

PROJECT NO: P05355-2023-002		SHEET DESIGNATOR:	SHEET NO:
DATE: JULY 2025		SW	C219
ALT. PROJECT NO: 000-0000			



Request for Information No. 13

**Minnetrista, MN – Woodland Cove Water Treatment Plant**  
AE2S Project No. 05355-2023-002

**General Contractor:**  
Magney Construction, Inc.  
1401 Park Road  
Chanhassen, MN 55317

**Engineer:**  
AE2S  
6901 E Fish Lake Rd. Ste 184  
Maple Grove, MN 55369

**Date Created: 3/24/2026**

**Author: Dan Fuhrman**

**Company: Magney Construction, Inc.**

**Reference: Filtration Basin Sand Thickness**

Drawing Number: SD C706

Specification Section:

**Question:**

**Date Required: 3/27/2026**

RFI from SM Hentges:

What is the targeted sand thickness for the Filtration Basin? The base-bid drawings show 18” from bottom of the landscaping to the top of the subgrade. But, the Field Order #06 drawings move that 18” dimension to be to the top of the choking stone. Please clarify how much sand is desired where there isn’t drain tile.

Thank you.

**Answer:**

**Date Answered: 4/2/2026**

**Answered by: Lucas LaMoore, PE**

The Field Order 6 detail is accurate. 18” of media must be above the choking stone. Where there is not tile, the 18” minimum media depth still holds. I would anticipate a depth of 18”-24” where there isn’t drain tile.

## Dan Fuhrman

---

**From:** Justin Rice <justin.rice@smhentges.com>  
**Sent:** Tuesday, March 24, 2026 9:53 AM  
**To:** Dan Fuhrman  
**Subject:** RE: Minnetrista WTP - Field Order #6 - Civil Site Change

Dan,

Can you get a clarification from SRF on what their targeted sand thickness is for the filtration basin? The base bid drawings show 18" from the bottom of the landscaping to the top of the subgrade but the FO-06 drawings move that dimension to be to the top of the choking stone and they don't really clarify how much sand they want where there isn't draintile.

Thanks



Justin Rice

Project Manager

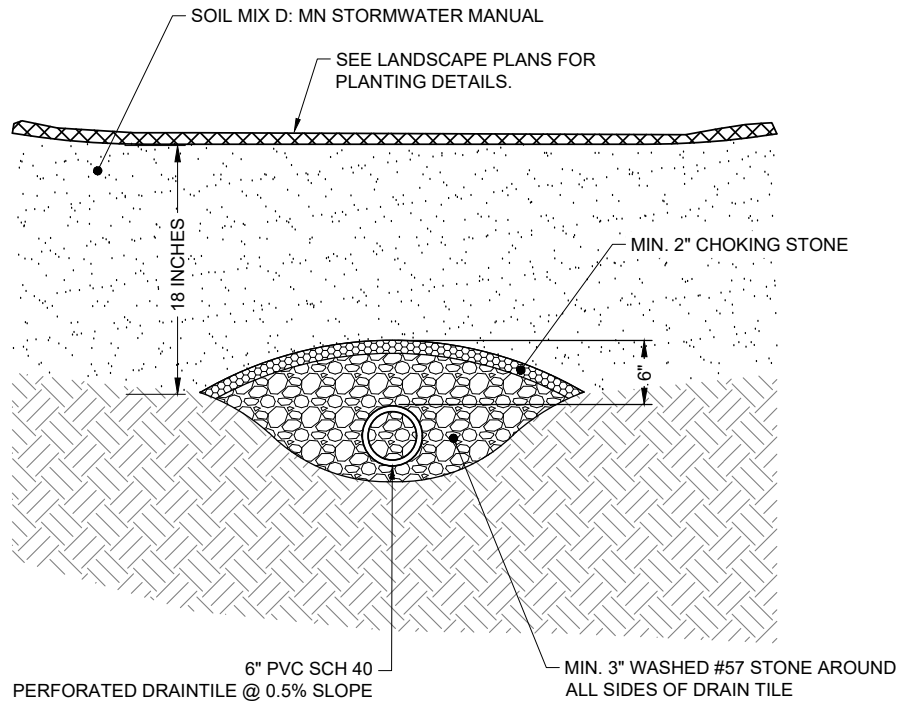
S.M. Hentges & Sons Inc.

p: 952.492.5700 c: 612.919.3470 f: 952.492.5705

a: 650 Quaker Avenue, Jordan, MN 55352

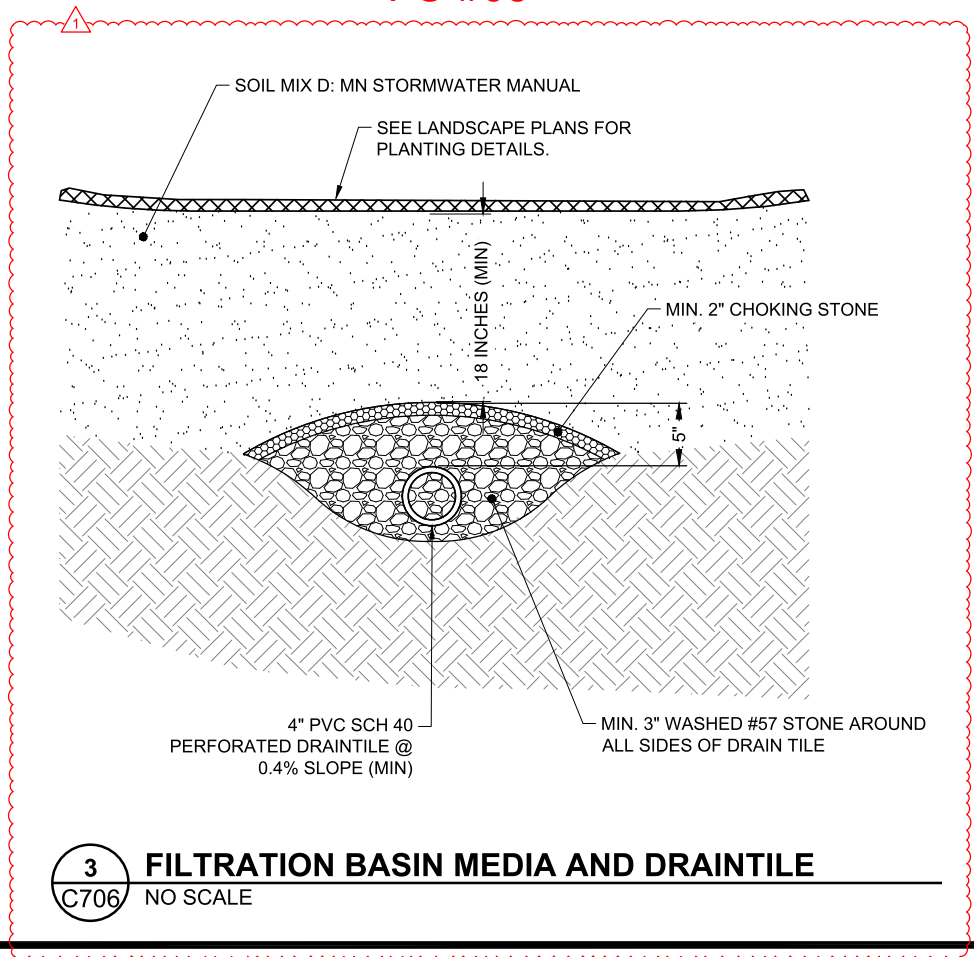
w: [SMHentges.com](http://SMHentges.com) e: [Justin.Rice@SMHentges.com](mailto:Justin.Rice@SMHentges.com)

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**3** **FILTRATION BASIN MEDIA AND DRAINTILE**  
 C706 NO SCALE

**FO #06**



**3** **FILTRATION BASIN MEDIA AND DRAINTILE**  
 C706 NO SCALE



<b>SEND TO</b>		<b>FROM</b>
<i>Company Name</i> AE2S		<i>Magney Representative</i> Dan Fuhrman
<i>Attention</i> Ross Mindermann		<i>Date</i> 4/3/2026
<i>Fax</i>	<i>Phone:</i> (763) 760-9981	<i>Proposal #</i> COR No. 04 - Field Order 4 Spray Down Pipe Change

**COMMENTS**

Dear Ross Mindermann  
 Magney Construction, Inc. is pleased to present the following cost to include the necessary labor, material and equipment to delete a portion of the washdown piping in the backwash tanks as indicated in Field Order No. 04. The cost for this change has been summarized below.

<b>LABOR:</b>	\$	(403.36)
Credit for no installation of (2) horizontal pipe spools, install (4) 6" blind flanges (2 per BW tank).		
<b>MATERIAL:</b>	\$	(3,396.34)
Credit to delete (2) 6" FLxFL 14'6" DIP Spools, add (4) 6" blind flanges		
<b>EQUIPMENT:</b>	\$	-
<b>SUBCONTRACTOR:</b>	\$	-
<b>LUMP SUM TOTAL</b>	<b>\$</b>	<b>(3,799.70)</b>

<b>Additional Working Days Required for this Change</b>	<b>0</b>
---	----------

**EXCLUSIONS:** No cold weather conditions, testing, painting, electrical, or mechanical not listed (above/attached) are included. If this work can take place concurrently with the other work in the contract documents, and current sequence of work, then additional supervision time will not be needed - if it is required, additional supervision cost will need to be added.

Please review and contact me if you have any questions.

Thank You,

Daniel Fuhrman  
 Project Manager

*Accepted By:*

*Date:*

---



Bid Proposal for Minnestrista, MN - Field Order #4

MAGNEY CONSTRUCTION 230  
Job Location: Minnestrista, MN  
Bid Date: 04/03/2026  
Core & Main Bid #: 4847650

Core & Main  
15800 W 79th St  
Eden Prairie, MN 55344  
Phone: 9529379666  
Fax: 9529378065

Seq#	Qty	Description	Units	Price	Ext Price
20	-2	6 FL X FL 14'6" CEM/PR W/ (3) 3/4" TAPS	EA	1,935.45	(3,870.90)
40	4	6" BLIND FLANGE PC	EA	118.64	474.56
				<b>Sub Total</b>	<b>(3,396.34)</b>
				<b>Tax</b>	0.00
				<b>Total</b>	<b>(3,396.34)</b>

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/terms-of-sale/>

THIS BID MAY INCLUDE GLOBALLY SOURCED (IMPORTED) MATERIALS THAT ARE SUBJECT TO CHANGING TARIFFS. PRICES ARE SUBJECT TO CHANGE DUE TO POTENTIAL ADDITIONAL TARIFFS IMPOSED BY THE U.S. GOVERNMENT. IF IMPOSED, PRICES WILL INCREASE BY THE SAME PERCENTAGE AND WILL BE EFFECTIVE ON THE DATE THAT THE NEW TARIFFS ARE IMPLEMENTED. THESE ITEMS SHOULD BE PURCHASED WITH HASTE TO AVOID ANY ADDITIONAL RISING TARIFF COSTS.

