

NORTH ZUMBRO SANITARY SEWER DISTRICT
Joint Powers Executive Committee Regular Meeting
July 2nd, 2025
11:00 A.M.
Zumbrota City Council Chambers
Zumbrota, MN

I. CALL TO ORDER

II. ROLL CALL

LR___ EH ___ MB___ BG _____

JM___ TR_____ SO_____ MO _____

BA___ CB_____ RS ___ GG ___ BT _____

III. ADOPT AGENDA _____

***CONSENT AGENDA _____**

ALL ITEMS LISTED WITH AN ASTERISK (*) ARE CONSIDERED ROUTINE OR NON-CONTROVERSIAL BY THE EXECUTIVE COMMITTEE AND WILL BE APPROVED BY ONE MOTION. THERE WILL BE NO SEPARATE DISCUSSION ON THESE ITEMS UNLESS A DIRECTOR OR ENGINEER SO REQUESTS, IN WHICH CASE THE ITEM WILL BE REMOVED FROM THE CONSENT AGENDA AND BE CONSIDERED IN ITS NORMAL SEQUENCE ON THE AGENDA.

- *A) Executive Committee Minutes = 6/4/2025**
- *B) Technical Committee Meeting Notes = 6/10/2025**
- *C) Bills-Accounts Payable 4/26/2025 – 5/23/2025**
 - 1. WHKS Invoice #54679 for \$162,117.49**
 - 2. City of Pine Island Invoices**
 - a) NPDES – MPCA for \$9,300 total (25% each)**
 - b) Abdo for \$8,000 total (25% each)**
- *D) PFA Disbursement Request Form**

IV. PUBLIC COMMENTS

INDIVIDUALS MAY ADDRESS THE EXECUTIVE BOARD ABOUT ANY ITEM OF CONCERN. SPEAKERS MUST STATE THEIR NAME AND LIMIT THEIR REMARKS TO FIVE MINUTES. GENERALLY, THE EXECUTIVE BOARD WILL

NOT TAKE OFFICIAL ACTION ON THESE ITEMS BUT MAY REFER THE MATTER TO STAFF FOR A FUTURE REPORT OR DIRECT THAT THE MATTER BE SCHEDULED FOR A FUTURE MEETING AGENDA.

V. OLD BUSINESS

- A) Bonding Bill Update**
- B) Congressional Directed Spending**
- C) NPDES Permit Application – submitted 6/30/2025**
 - a. \$9,300 permit fee**
- D) Regulatory Meetings**
 - a. MPCA EAW, Anti-deg, NPDES permit – 6/4/2025**
 - b. MPCA Anti-deg comment review – 6/11/2025**
 - c. MPCA EAW, Anti-deg, NPDES permit – 7/2/2025**

VI. NEW BUSINESS

- A) Accept 2024 Financial Report by Abdo Solutions**
 - a. Full Financial Report Attached Separately**

VII. ADJOURN

Time: _____ Motion: _____ Second: _____

**NORTH ZUMBRO SANITARY DISTRICT
Joint Powers Executive Committee Meeting
Wednesday, June 4, 2025 11:00 A.M.
Zumbrota City Council Chambers
Zumbrota, MN**

CALL TO ORDER: Chair Elizabeth Howard.

PRESENT: Executive Committee Directors: Elizabeth Howard – Pine Island, Brian Grudem – Zumbrota, Lisa Redepenning – Goodhue, and Michael Boulton – Wanamingo
Executive Committee Alternate Directors: Jason Mandelkow – Goodhue, Stuart Ohr – Wanamingo, and substitute Jeff Meyers - Zumbrota

ABSENT: Executive Committee Directors: None
Executive Committee Alternate Directors: Todd Robertson – Pine Island

ALSO PRESENT: Bill Angerman – WHKS, Glenn Gustafson – WHKS, Reese Sudtelgte – ISG, Brandon Theobald – WHKS

Grudem introduced Jeff Meyers, who is filling in as the temporary head of Zumbrota Public works.

ADOPT AGENDA: Grudem motioned to approve, seconded by Redepenning. Passed 4-0-0.

CONSENT AGENDA: Boulton motioned to approve, Seconded by Grudem. Consent Agenda Items include: May 7, 2025 Executive Committee Meeting Minutes, WHKS Invoice #54424 for \$183,347.99, and PFA Disbursement Request Form. Passed 4-0-0.

PUBLIC COMMENTS: None

OLD BUSINESS:

Bonding Bill Update – Howard stated that the regular legislative session had ended on May19th without a bonding bill. The legislative leaders and the governor are still working on budget parameters for a number of budget bills. The legislature has until the end of June to pass budget bills. Employee layoff notices and other funding pause notices will go out in the coming week.

2026 MMB Application (Due 6/13/2025) – Angerman stated that everyone had received notification of the application deadline and new standards. Boulton and Grudem will be working to submit the application in the next week.

Congressional Directed Spending – Howard stated that the project made the list of Congressman Finstad’s office. Each Congressman is able to request up to fifteen projects district-wide each year. Congressman Finstad’s office notified NZSSD that the request will be for \$10.5 million. Each of Minnesota’s Senators (Klobuchar & Smith) are expected to support the \$10.5 million Congressional Directed Spending request

IUP Applications for CWSRF – (Due 6/6/2025 and submitted by WHKS on 5/19/2025) – Angerman stated that last month the Cities directed that the engineers would submit the applications for the intended use plan (IUP). CWSRF stands for Clean Water State Revolving Fund. The applications were submitted by WHKS on 5/19/2025. The cities were previously ranked on the Project Priority List (PPL). The applications will help to determine eligibility for Revolving Fund Loan and PSIG.

Regulatory Meetings – Angerman stated that the monthly MPCA meeting continues. Angerman stated that the June meeting is scheduled to take place right after the NZSSD executive board meeting. Angerman stated that the engineers had formally requested to raise the phosphorus limits from 0.4 to 1.0. MPCA denied the request

to raise the limit, which will remain at .04. Gustafson stated the remaining at a 0.4 limit will cost roughly \$3 million to the project. The engineers continue to work on the anti-degradation plan. The effluent permit is due mid-June. Britton stated that the EAW air emissions permit has been filled out. The engineers are working on addressing MPCA comments to the EAW. Angerman stated that the engineers are making progress on plans and permitting. Gustafson stated that the plans are expected to be 60% complete by the end of June. The building plans have been turned over to Widseth for architectural work. ISG will be working on H-Vac and plumbing. The building plans may change to accommodate H-Vac, Plumbing, and Electrical work. Angerman stated that the Technical Committee will meeting June 10th at 10:00PM to go over plans. Members of the technical committee will be going on field trips to look at other recently constructed waste water treatments plants.

Redepenning asked about timing of moving forward with the project. Redepenning stated that citizens in Goodhue are worried about the condition of the Goodhue wastewater treatment plant with the lack of outside funding. Angerman stated that the outside funding is dependent on PSIG, State Bonding, and Congressionally Directed Spending. Boulton stated that the NZSSD executive board agreed to wait until after the 2026 legislative session before having discussions on go/no go with the project. Howard stated that the project timing would be similar if bonding was received in 2025 or 2026. Gustafson stated that it was good for the project that Goodhue was given a limit of nitrogen by the MPCA and a time limit for a new wastewater treatment plant. Gustafson stated that it helps make the case for funding. Gustafson stated that the MPCA would work with NZSSD before fines were given to Goodhue for violations. Mandelkow stated that the Goodhue wastewater treatment plant roof and the overall Goodhue plant is not doing well. Mandelkow stated that Goodhue may have to spend significant dollars to keep the plant running. Howard stated that Pine Island has made significant investments to their plants to keep them going until a permanent solution is made. Angerman stated that each community will need to work to keep their plants operational in the short term.

NZSSD Audit - Howard stated that the NZSSD filed audit is scheduled to take place on June 5th. Pine Island staff has worked to upload all of the financials before the field audit takes place. Howard stated that NZSSD does not have any financial policies in place. Howard stated that the auditors may recommend investment, spending, and other financial policies in the future. Howard stated that NZSSD executive committee is learning and taking action on the fly. As the project and district move forward the board will take action to implement such policies.

NEW BUSINESS:

*The next meeting will be July 2, 2025 at 11:00AM.

Adjourn: At 11:25AM a motion to adjourn was made by Boulton and seconded by Redepenning. Passed 3-0-0.

Signed:

Attest:

Elizabeth Howard, Chair

Michael Boulton, Secretary

TECHNICAL COMMITTEE MEETING – MEETING NOTES

North Zumbro Sanitary Sewer District

Goodhue, Pine Island, Wanamingo, Zumbrota

MEETING DATE: June 10, 2025
MEETING TIME: 10:00 AM
MEETING LOCATION: Zumbrota City Hall

AGENDA ITEMS:

1. Sign In (See Attached)

2. Status Updates

a. Bonding Bill update

The legislative special session ended last night. A bonding bill was passed, however, for the most part, specific projects were not identified and the NZSSD project was not on the list of funded projects. The district's current plan is to submit a bonding bill request in 2026, and this could set the construction of the project back 6-9 months. The facility design and permitting will continue as planned. The current schedule is to have permitting in place by the summer/fall of 2026. If the project moves forward construction could start in the spring/summer of 2027.

b. MPCA update

i. EAW

The EAW has been submitted and review comments have been received by the MPCA. Included in the EAW are items such as air quality, archeological survey, Anti-Deg assessment, environmental impacts and potential contamination. Responses to the MPCA comments are being prepared and will be submitted for further review.

ii. Anti-deg

Comments were received on the anti-deg submittal and we received a 0.40 mg/l phosphorus limit. A 1 mg/l phosphorus limit was requested, however, that was denied.

iii. NPDES Permit

The NPDES discharge permit is planned to be submitted by the end of the month.

3. Preliminary Plans (See attached preliminary plans)

a. Site Layout

Glenn reviewed the overall site layout. Thickening was reviewed and at this time is not being proposed on the project.

Screening berm is proposed to provide a visual barrier as housing is planned around the facility.

Glenn reviewed the hydraulic profile. Each process drops 0.5 ft to a foot.

b. Pretreatment

Glenn reviewed the influent forcemains. The current plan is to have each community meter out of the lift station and there will be a combined meter in the preliminary treatment building. There was discussion about metering and sampling at the preliminary building and not at the individual lift stations. The design team will review.

There will be a small chemical feed for micro C (supplemental carbon).

Odor control is still being worked out at the preliminary treatment building. Activated carbon is being considered.

Thought is to have the City's manage the SIU's, not the district. Goodhue doesn't have an SIU. Lincoln Industries in Pine Island has an NPDES permit and chrome levels have been an issue.

Screening and grit removal – rotating drum screen is being proposed.

Oxidation ditches – multiple anaerobic zones are proposed. The zones will have gates. The anaerobic zones flow into the anoxic basin, and then into the aerobic zones. Each aerobic zone has 2 – 100 hp aerators. The aerators aren't noisy. Walkways will be provided around the ditches.

Final clarifiers will have gravity lines to the RAS/WAS. Plugging concerns were discussed and will be reviewed by the design team. Final clarifiers are planned to be covered.

There's a lot of bedrock throughout the site. It shouldn't affect the buildings and structures, but there's approximately 12 ft of bedrock that will need to be blasted out of one end of the overflow retention basin.

Discussion was had about visiting various WWTF's to review operations.

c. Secondary Treatment

Reviewed secondary treatment components.

d. Tertiary Treatment

Discussed effluent filters due to the 0.40 mg/l phosphorus limit. Proposing vertical UV systems. It's easier to change bulbs and maintain vertical systems.

RAS/WAS building – dual wall tanks. Wet well on north side of building. Architects are reviewing egress requirements to see if doors on north side of building are required.

Digester and handling, mixing pumps are proposed to be chopper pumps.

Biosolids storage tanks (Aquastore tank will likely be the most economical, but could also be concrete)

e. Admin Building

Reviewed administration building floorplans. Discussed drive thru bays. Currently there's one drive thru bay shown, thought was to add at least one more to make for two drive through bays (on the ends) and leaving the center bay with drive in on the south side only. That will leave more wall space for work space and storage. Will have further discussions on drive thru bays.

A mezzanine is shown over the SE corner of the garage area. The current plan is to have the HVAC inside on the mezzanine which would eliminate mechanical units on the roof. The advantages to having the HVAC indoors include;

- *extended life of the system*
- *fewer penetrations in the roof*
- *ease of maintenance*

There was discussion about having a truck wash. Currently it's not being proposed in the garage, but could use the sludge load out area to wash vehicles.

The laboratory was discussed. The plan is to have the laboratory set up so that it can be certified. Certification considerations include staffing, costs and liability.

4. Open Discussion

There's interest in taking a field trip to view different facilities.

5. Next Meeting – TBD

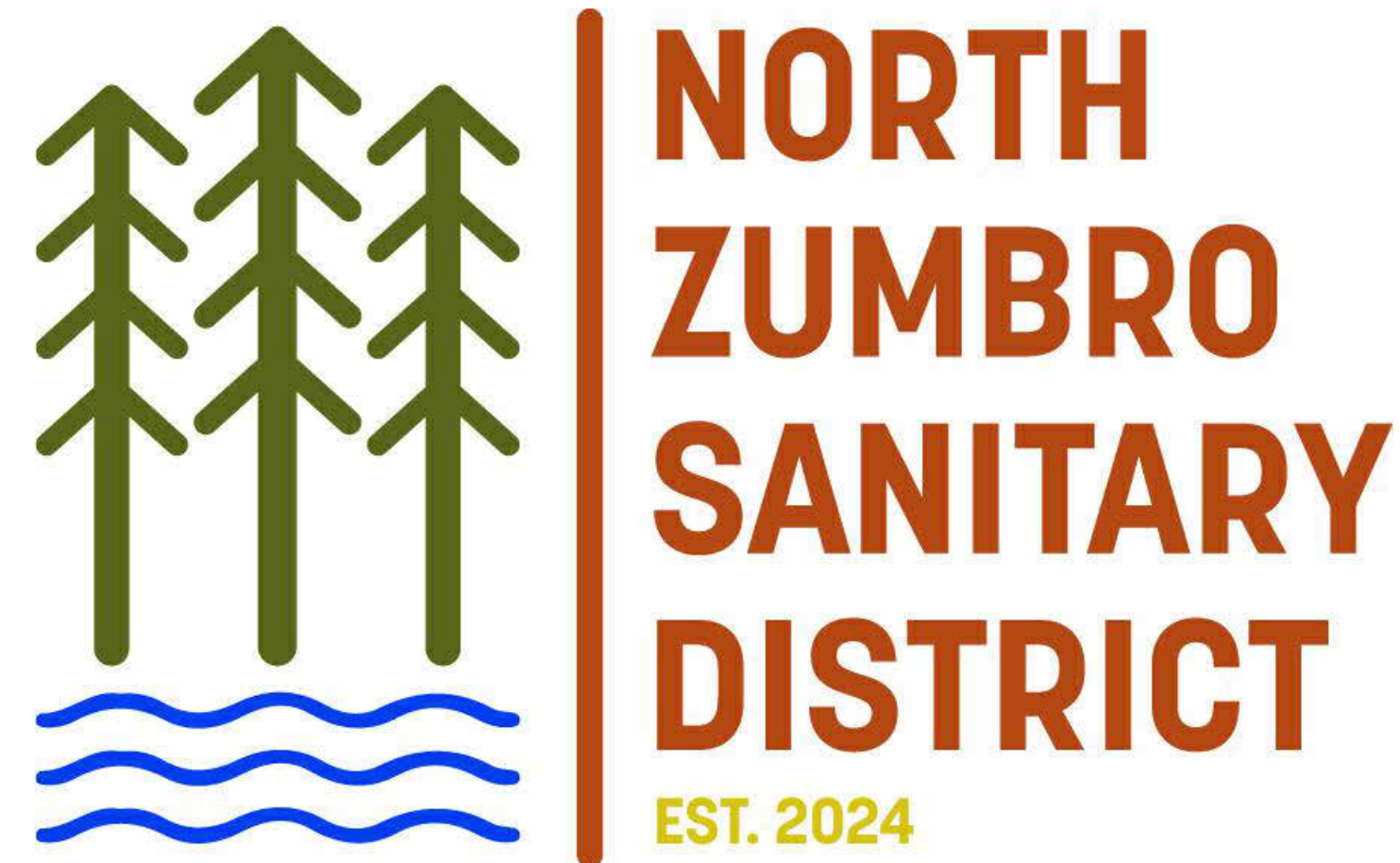
Currently planning to meet again in August.

TECH Com. MTK
6/10/25

| NAME | EMAIL | PHONE |
|---------------------|--|----------------|
| BILL ANBERMAN | banberman@wtkr.com | |
| GLENN GUSTAFSON | ggustafson@wtkr.com | 651-895-4719 |
| Craig Britton | craig.britton@widseth.com | (507) 421-1494 |
| BRANDON THEOBALD | WTKR | |
| Paul Wenzel | City of Furbur | (507) 251-0419 |
| Rick Torri | p..sanitarydistrict@gmail.com | 507-421-1017 |
| Jett Myers | Jmyers79@icloud.com | 507-273-0363 |
| REESE SUDTELGTE | REESE.SUDTELGTE@ISSINC.COM | 952-426-0699 |
| JAMES lee Hitchcock | Jameslee.Hitchcock@ ci@PineIsland, MN, US | 507-923-8752 |
| Doug Alms | dolmebercomm.net City of Goodhue | 651-212-0008 |

NORTH ZUMBRO SANITARY DISTRICT

NEW WASTEWATER TREATMENT PLANT ZUMBROTA, MINNESOTA 2026



GOODHUE - PINE ISLAND - WANAMINGO - ZUMBROTA

EXECUTIVE COMMITTEE DIRECTORS:

| | |
|------------------|-------------|
| LISA REDEPENNING | GOODHUE |
| ELIZABETH HOWARD | PINE ISLAND |
| MICHAEL BOULTON | WANAMINGO |
| BRIAN GRUDEM | ZUMBROTA |

EXECUTIVE COMMITTEE ALTERNATE DIRECTORS:

| | |
|-----------------|-------------|
| JASON MANDELKOW | GOODHUE |
| TODD ROBERTS | PINE ISLAND |
| STUART OHR | WANAMINGO |
| MICHAEL OLSON | ZUMBROTA |

GENERAL NOTES:

- WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNER OF THESE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND SURVEYS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.
- CONTRACTOR SHALL RELOCATE ALL UTILITIES AS REQUIRED FOR INSTALLATION OF PROPOSED STRUCTURES AND PIPING.
- CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY EXISTING LOCATIONS FOR PROCESS PIPING AND UTILITIES.



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.

Engineers name _____ License No. _____
Date _____

| DRAWING LOG | | DATE |
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| NO. | DESCRIPTION | |
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COVER SHEET

NORTH ZUMBRO SANITARY SEWER DISTRICT
NEW WASTEWATER TREATMENT PLANT
ZUMBROTA, MINNESOTA

| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-30-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

00G000

PRELIMINARY SHEET INDEX

GENERAL

- 00G000 Title Sheet
- 00G001 Sheet Index
- 00G002 Process Symbols
- 00G003 Process Details

CIVIL

- 00C001 Civil Legend/General Notes
- 00C100 Site Layout - Overall
- 00C1XX Site Layout - NW
- 00C1XX Site Layout - NE
- 00C1XX Site Layout - SE
- 00C1XX Site Layout - SW
- 00C1XX Grading Plan - Overall
- 00C1XX Grading Plan - NW
- 00C1XX Grading Plan - NE
- 00C1XX Grading Plan - SE
- 00C1XX Grading Plan - SW
- 00C1XX SWPPP [how ever many sheets needed]
- 00C1XX Site Utility Plan - Overall
- 00C1XX Site Utility Plan - NW
- 00C1XX Site Utility Plan - NE
- 00C1XX Site Utility Plan - SE
- 00C500 Civil Details

PROCESS

- 00D400 Hydraulic Profile
- 00D401 Process Schematic - Liquid Stream
- 00D402 Process Schematic - Solids

- 10D101 Preliminary Treatment Building - Plan View - Screenings and Grit Removal
- 10D300 Preliminary Treatment Building - Sections
- 10D301 Preliminary Treatment Building - Sections
- 10D302 Preliminary Treatment Building - Sections

- 20D100 Oxidation Ditch Plan
- 20D101 Oxidation Ditch (NO PLATFORMS)
- 20D300 Oxidation Ditch Sections
- 20D500 Oxidation Ditch Ortho View

- 30D100 Final Clarifier Plan View
- 30D101 Final Clarifier Splitter Box
- 30D300 Final Clarifier Section Views
- 30D301 Final Clarifier Section Views
- 30D600 Final Clarifier Section Ortho View

- 40D100 Tertiary Treatment - Upper Level Plan
- 40D101 Tertiary Treatment - Lower Level Plan
- 40D300 Tertiary Treatment Sections
- 40D301 Tertiary Treatment Sections

- 50D100 RAS/WAS Pump Station - Plan View - Upper Level
- 50D101 RAS/WAS Pump Station - Plan View - Lower Level
- 50D300 RAS/WAS Pump Station - Sections
- 50D301 RAS/WAS Pump Station - Sections
- 50D303 RAS/WAS Pump Station - Sections
- 50D304 RAS/WAS Pump Station - Sections
- 50D304 RAS/WAS Pump Station - Lower Level Ortho View

- 60D100 Digestion and Solids Handling Building - Plan View - Overall Upper Level
- 60D101 Digestion and Solids Handling Building - Plan View - Overall Lower Level
- 60D102 Digestion and Solids Handling Building - Plan View - Blower Room
- 60D103 Digestion and Solids Handling Building - Plan View - Overall Digesters Lower Level
- 60D104 Digestion and Solids Handling Building - Plan View - Pump Room
- 60D105 Biosolids Loadout - Plan and Sections
- 60D300 Digestion and Solids Handling Building - Sections
- 60D301 Digestion and Solids Handling Building - Sections
- 60D500 Details

- 65D100 Biosolids Storage Tanks - Plan View

- 70DXXX Flow Retention Basin - Plan View
- 70DXXX Flow Retention Basin - Sections

- 75D100 Retention Return Pump Station - Plan



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.

Engineers name _____ License No. _____
 Date _____

| DRAWING LOG | | DATE |
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SHEET INDEX

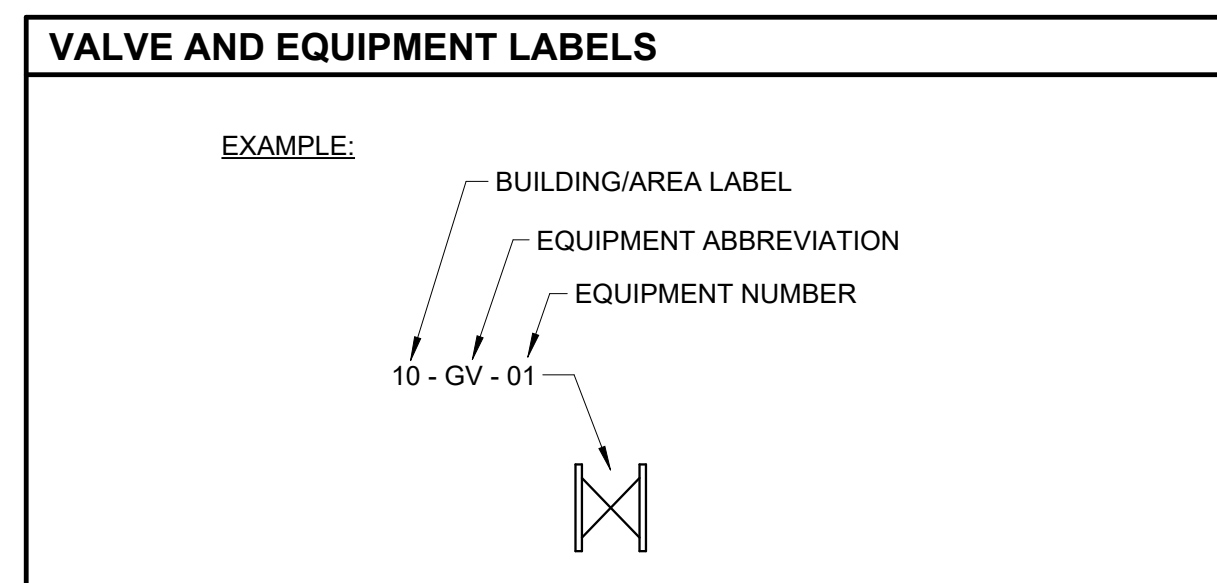
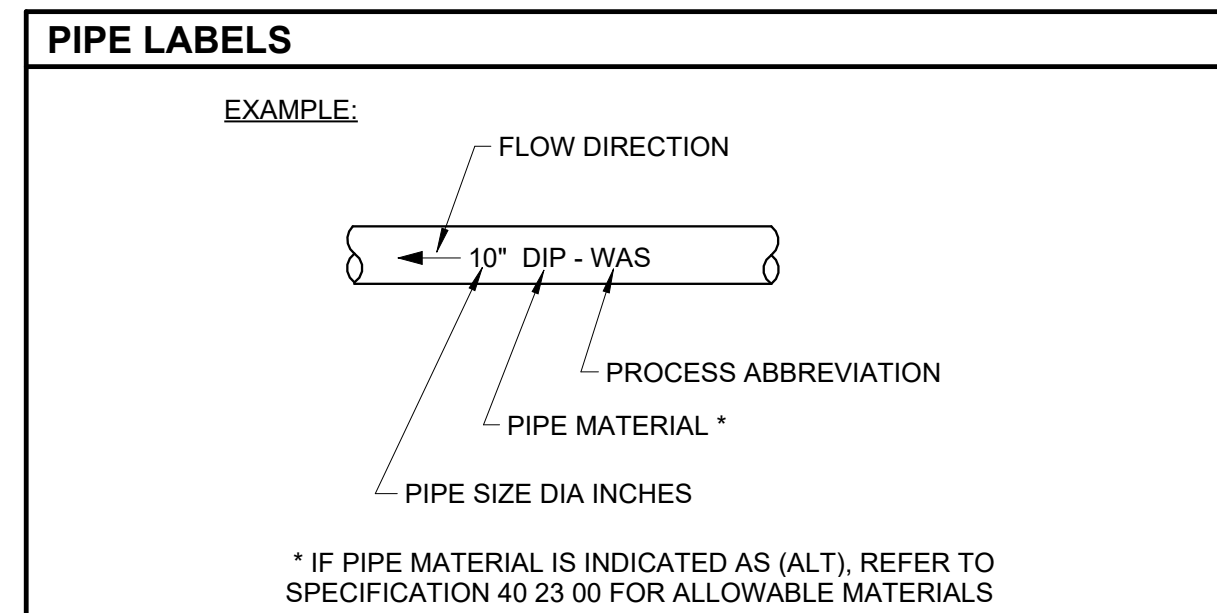
NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-30-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

00G001

| PROCESS ABBREVIATIONS | |
|-----------------------|------------------------------|
| ABBREVIATION | SYSTEM |
| AHP | AIR - HIGH PRESSURE |
| ALP | AIR - LOW PRESSURE |
| ALS | ALUM SOLUTION |
| BS | BIOSOLIDS |
| BWS | BACKWASH SUPPLY |
| BWW | BACKWASH WASTE |
| BYP | BYPASS |
| D | DRAIN |
| DCT | DECANT |
| DS | DIGESTER SLUDGE |
| FCE | FINAL CLARIFIER EFFLUENT |
| FCI | FINAL CLARIFIER INFLUENT |
| FI | FILTER INFLUENT |
| FE | FILTER EFFLUENT |
| FM | FORCE MAIN |
| FRI | FLOW RETENTION INFLUENT |
| FRR | FLOW RETENTION RETURN |
| GR | GRIT |
| GWS | GRIT WASHER SUPPLY |
| NPW | NON-POTABLE WATER |
| OF | OVERFLOW |
| PLE | PLANT EFFLUENT |
| PLI | PLANT INFLUENT |
| RAS | RETURN ACTIVATED SLUDGE |
| RWW | RAW WASTEWATER |
| SAN | SANITARY |
| SAM | SAMPLE LINE |
| SCM | SCUM |
| SCS | SUPPLEMENTAL CARBON SOLUTION |
| SE | SECONDARY EFFLUENT |
| SI | SECONDARY INFLUENT |
| SL | SLUDGE |
| SPN | SUPERNATANT |
| V | VENT |
| WAS | WASTE ACTIVATED SLUDGE |
| W | WATER (POTABLE) |

| VALVE & GATE SYMBOLS AND ABBREVIATIONS | | |
|--|-------------------------|--------------|
| SYMBOL | VALVE TYPE | ABBREVIATION |
| | BALL VALVE | BV |
| | BUTTERFLY VALVE | BFV |
| | CHECK VALVE | CV |
| | GATE VALVE | GV |
| | PLUG VALVE | PV |
| | NEEDLE VALVE | NV |
| | PINCH VALVE | PIV |
| | BALL VALVE | BV |
| | DIAPHRAGM VALVE | DV |
| | GLOBE VALVE | GLV |
| | KNIFE GATE VALVE | KV |
| | PRESSURE REDUCING VALVE | PRV |
| | PRESSURE RELIEF VALVE | PR |
| | STOP PLATE | SP |
| | MUD VALVE | MV |
| | TELESCOPING VALVE | TV |
| | SOLENOID VALVE | SV |
| | HYDRAULIC GATES: | |
| | WEIR GATE | WG |
| | SHEAR GATE | SHG |
| | SLIDE GATE | SG |
| | SLUICE GATE | SC |



| MISCELLANEOUS SYMBOLS | | |
|-----------------------|---|--------------|
| SYMBOL | TYPE | ABBREVIATION |
| | QUICK COUPLING | |
| | DRAIN | |
| | CAP | |
| | UNION | |
| | ORIFICE PLATE | |
| | ROTOMETER | |
| | HEAT EXCHANGER | |
| | WEIR | |
| | VENTURI TUBE | |
| | CENTRIFUGAL PUMP | |
| | SUBMERSIBLE PUMP | |
| | POSITIVE DISPLACEMENT BLOWER/ ROTARY LOBE PUMP | |
| | VERTICAL TURBINE PUMP | |
| | SUBMERSIBLE MIXER | |
| | SURFACE AERATOR | |
| | MECHANICAL SCREEN / BAR RACK | |
| | WASH PRESS | |
| | GRIT CLASSIFIER / WASHER | |

| INSTRUMENTATION SYMBOLS AND ABBREVIATIONS | | |
|---|--------------------|---|
| SYMBOL | INSTRUMENT TYPE | |
| | ELECTRIC ACTUATOR | |
| | PNEUMATIC ACTUATOR | |
| | SOLENOID | XX: FC = FAIL CLOSED FO = FAIL OPEN FL = FAIL LAST POSITION FI = FAIL CURRENT POSITION |

| INSTRUMENTATION SYMBOLS AND ABBREVIATIONS | | |
|---|-------------------------------------|--------------|
| SYMBOL | INSTRUMENT TYPE | ABBREVIATION |
| | MAGNETIC FLOW METER | FE/FIT |
| | FLUME | FL |
| | PRESSURE GAUGE | P |
| | PRESSURE SWITCH | PS |
| | THERMOMETER | T |
| | LEVEL TRANSMITTER | LE/LIT |
| | PRESSURE TRANSDUCER | PE/PIT |
| | OXIDATION REDUCTION POTENTIAL METER | ORP |
| | DISSOLVED OXYGEN METER | DO |
| | PH PROBE | PH |



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.

Engineers name _____ License No. _____
Date _____

DRAWING LOG

| NO. | DESCRIPTION | DATE |
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PROCESS SYMBOLS AND ABBREVIATIONS

NORTH ZUMBRO SANITARY SEWER DISTRICT
NEW WASTEWATER TREATMENT PLANT
ZUMBROTA, MINNESOTA

| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-30-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

00G002

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.

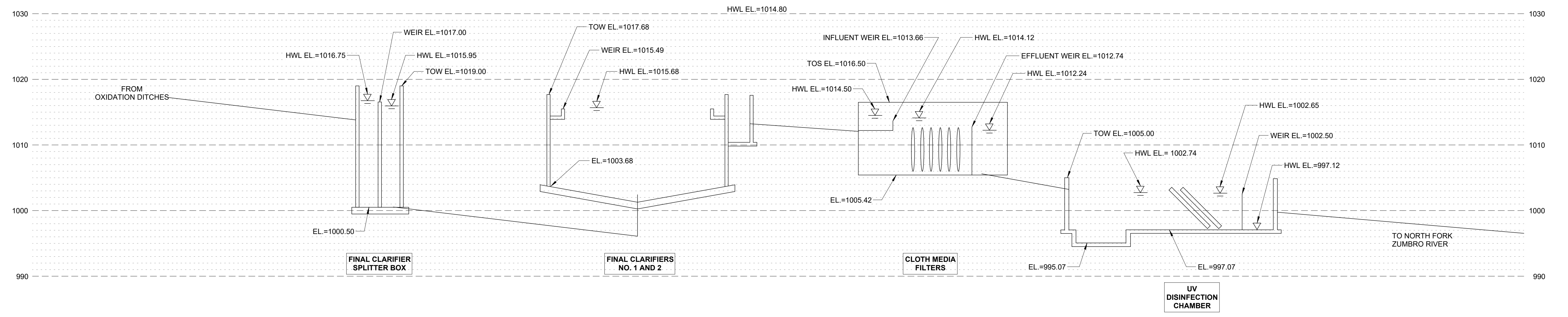
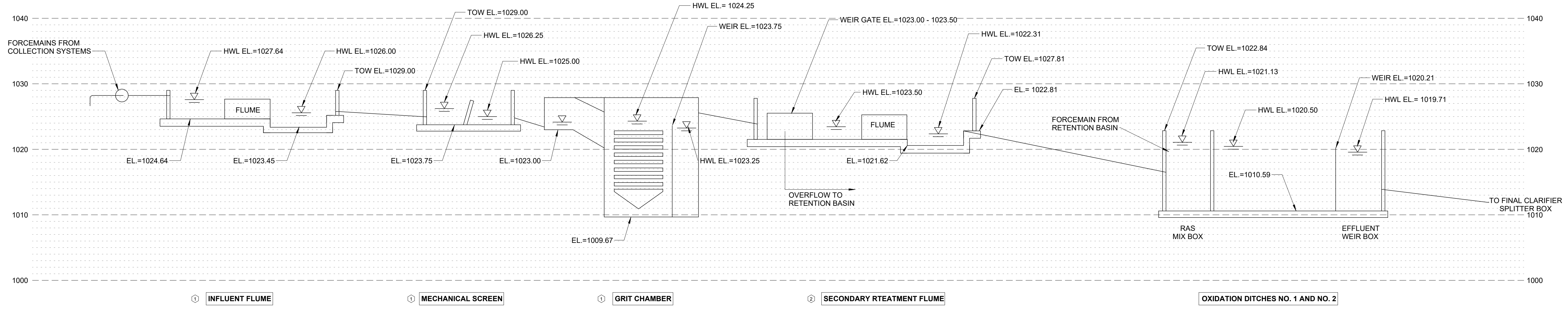
Engineers name _____ License No. _____
 Date _____

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HYDRAULIC PROFILE
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-04-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

00D400



- TAGGED NOTES:**
- ① HYDRAULICS BASED ON PEAKS INSTANTANEOUS WET WEATHER FLOW OF 8.237 MGD.
 - ② HYDRAULICS OF SECONDARY AND TERTIARY TREATMENT PROCESSES FROM THIS POINT ON BASED ON A MAXIMUM PLANT DESIGN FLOW OF 5.0 MGD.
 - ③ FILTER HEADLOSSES ARE BASED ON MAXIMUM PLANT FLOW OF 5.0 MGD THROUGH TWO FILTER UNITS.

SHEET NOTES:
 1. 100 YEAR FLOOD ELEVATION = 969.00

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.

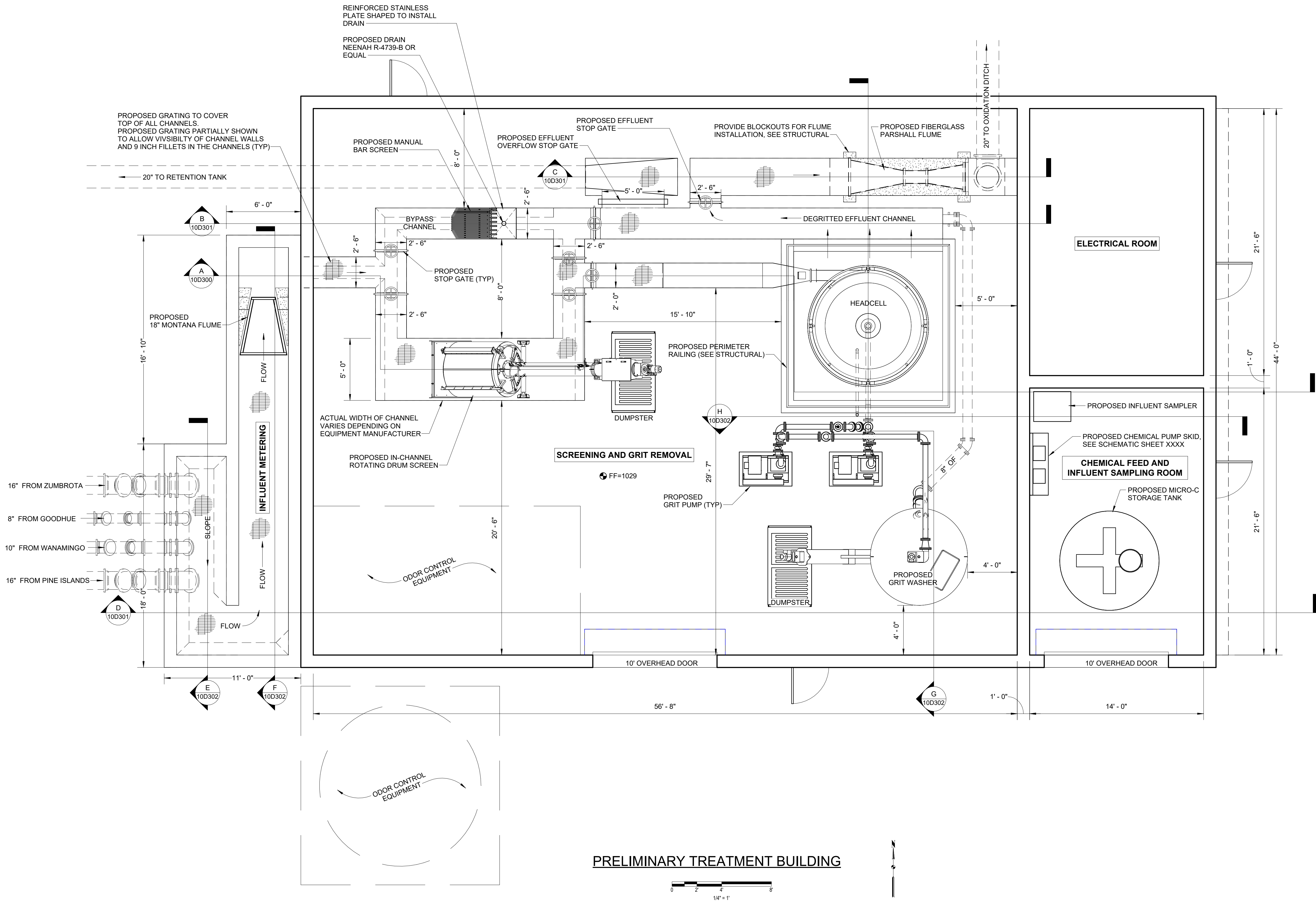
Engineers name _____ License No. _____
 Date _____

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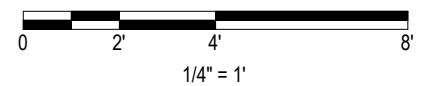
PRELIMINARY TREATMENT BUILDING PLAN
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

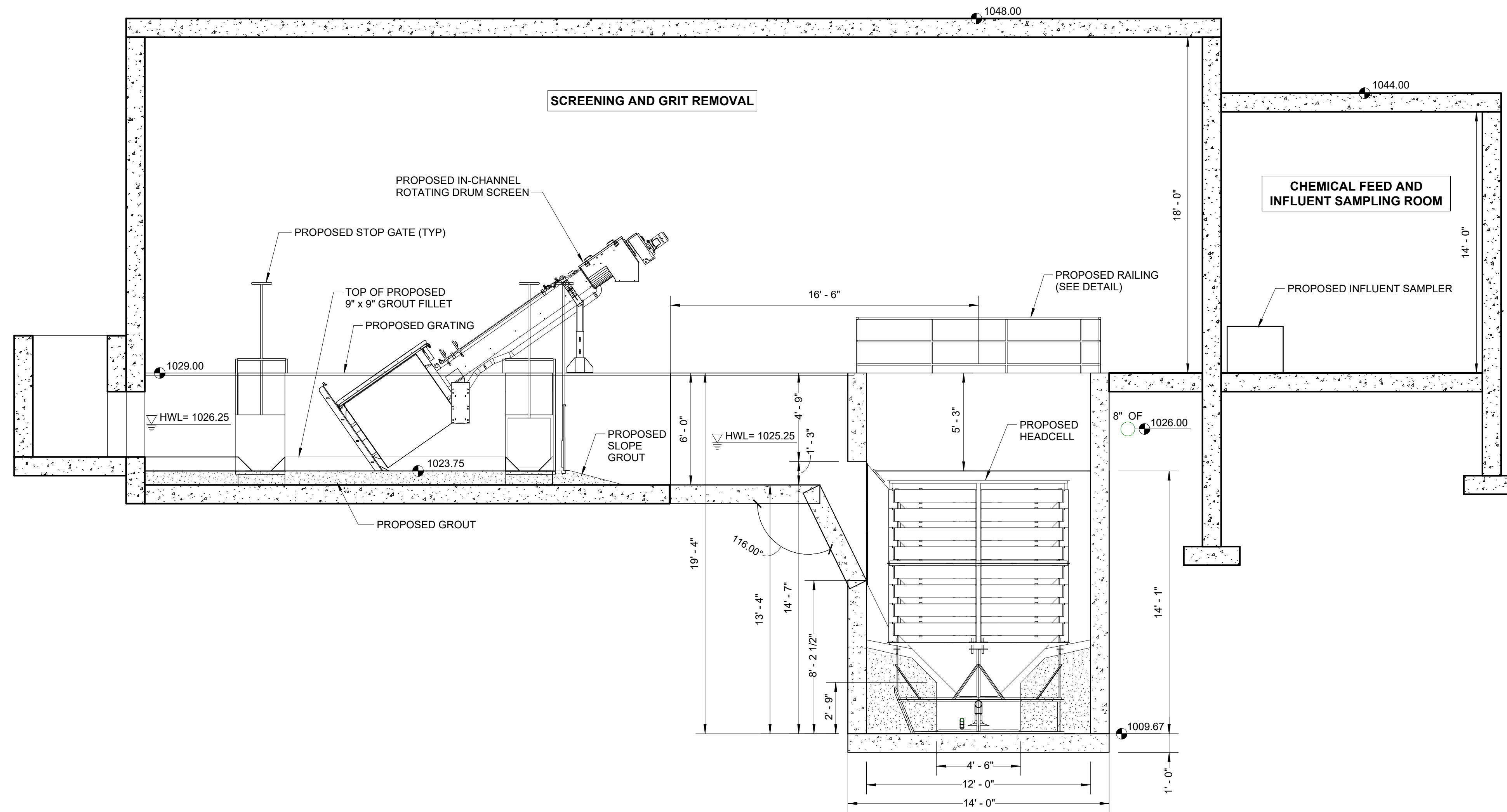
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|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

10D101

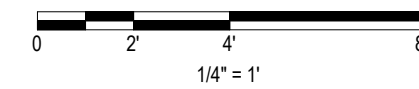


PRELIMINARY TREATMENT BUILDING





A
SECTION



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.
 Engineers name _____ License No. _____
 Date _____

DRAWING LOG

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| 1 | | |
| 2 | | |
| 3 | | |
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PRELIMINARY TREATMENT - SECTIONS
 NORTH ZUMBERO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBERO, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

10D300

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.

Engineers name _____ License No. _____
Date _____

DRAWING LOG

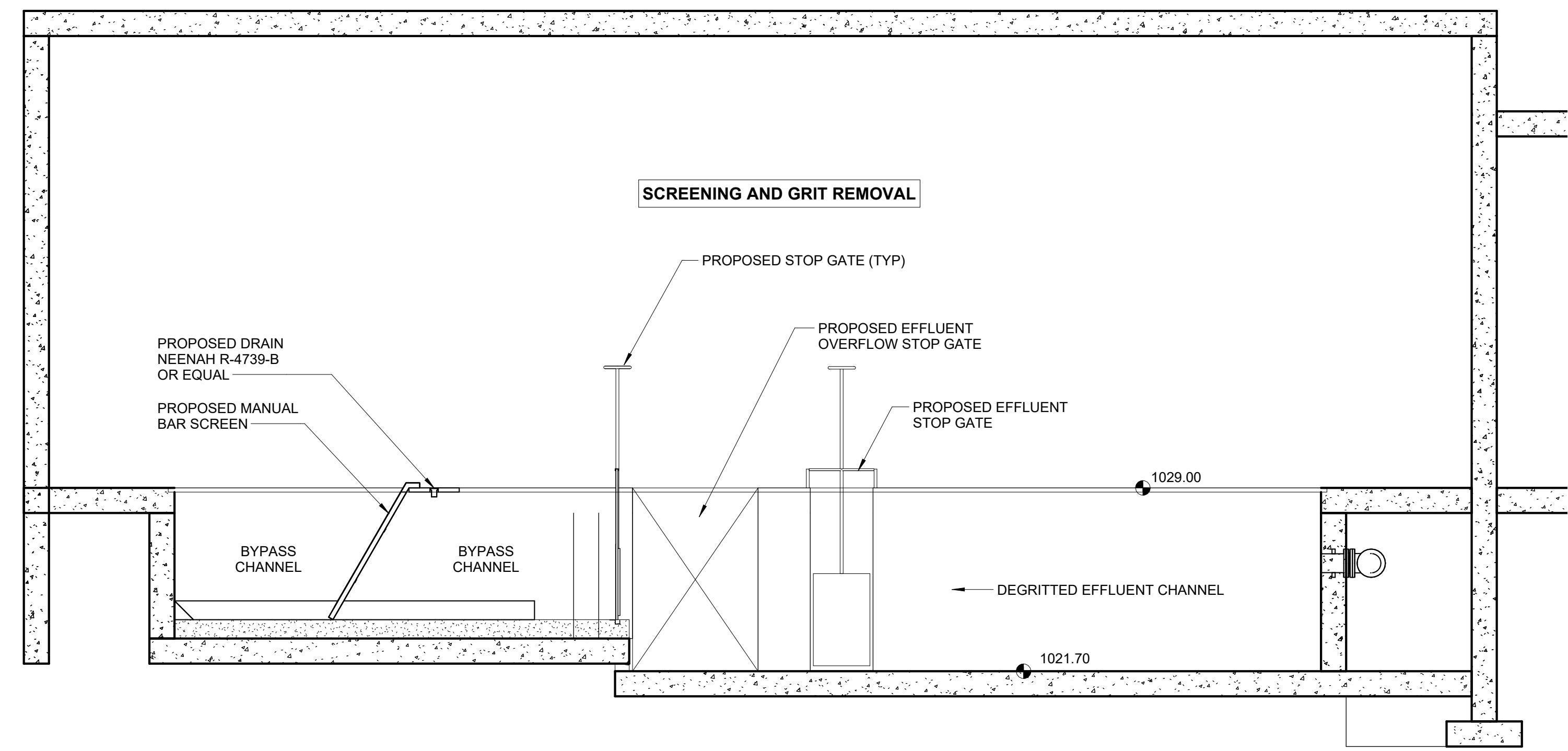
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PRELIMINARY TREATMENT - SECTIONS

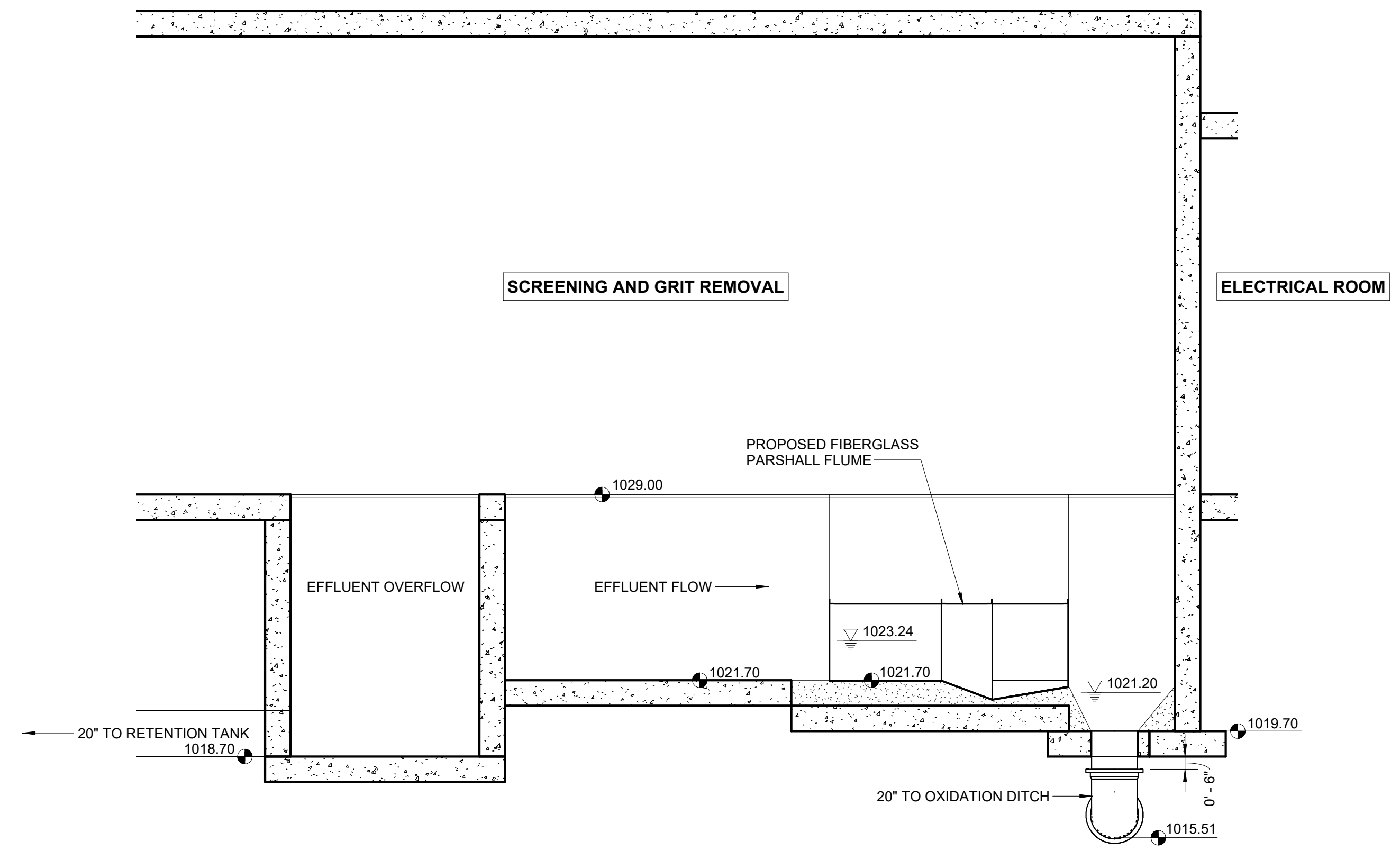
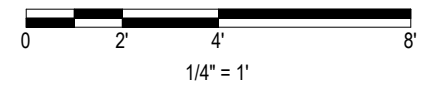
NORTH ZUMBRO SANITARY SEWER DISTRICT
NEW WASTEWATER TREATMENT PLANT
ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

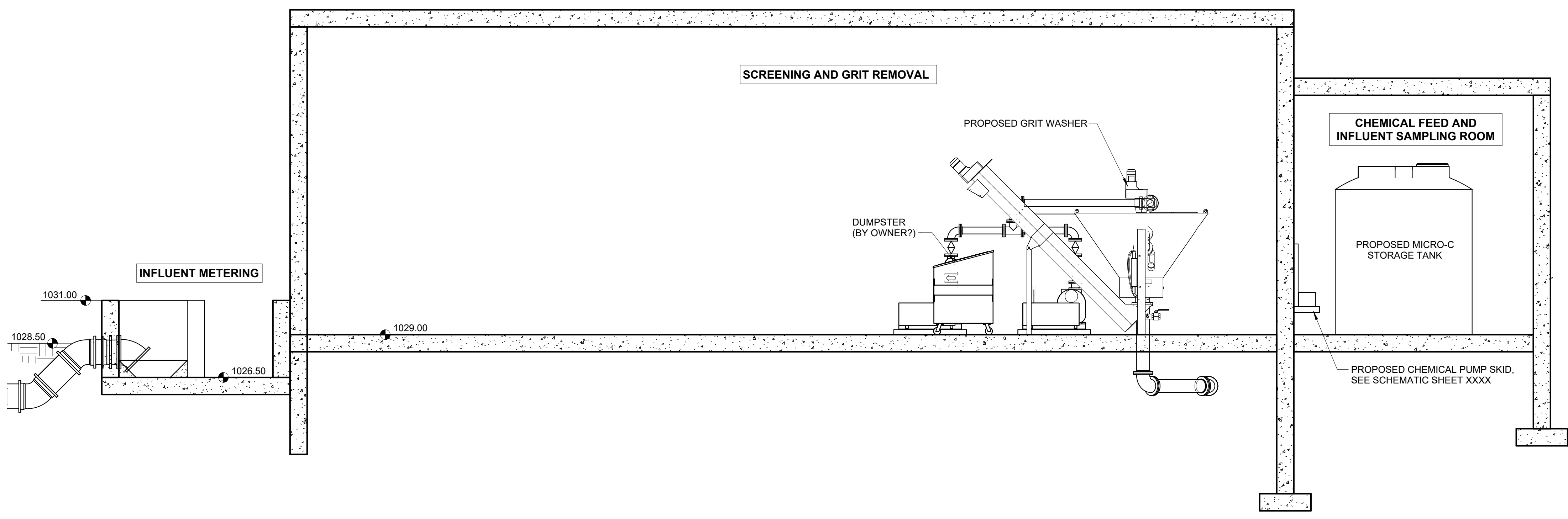
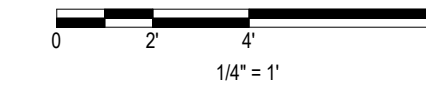
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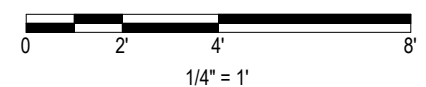
B SECTION
10D101



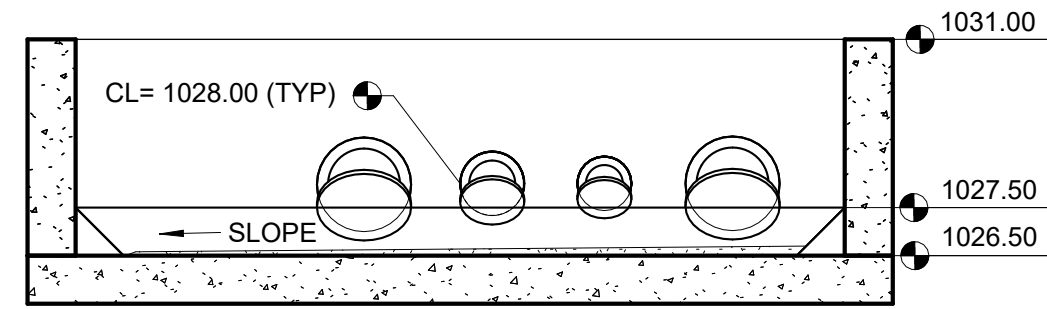
C SECTION
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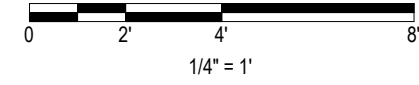
D SECTION
10D101



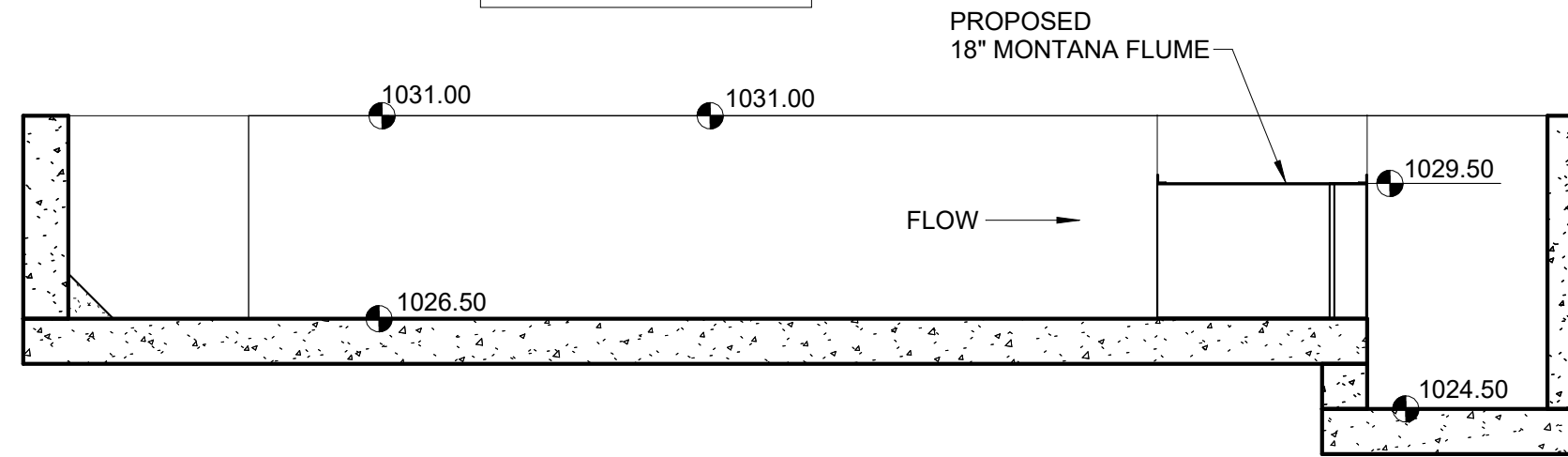
INFLUENT METERING



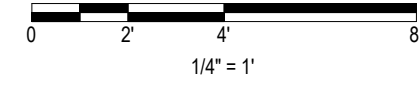
E SECTION
100101



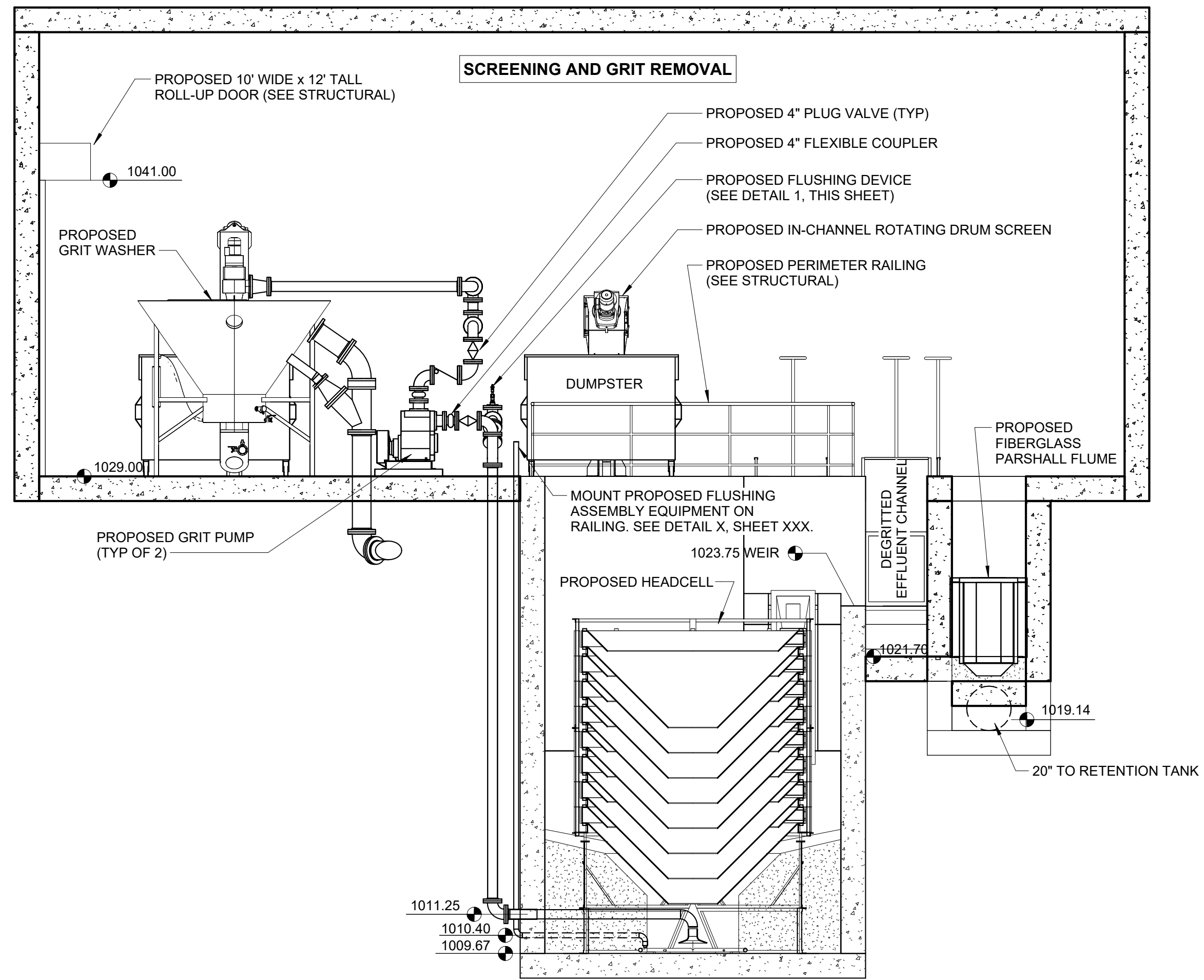
INFLUENT METERING



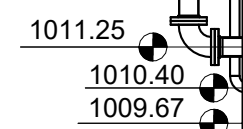
F SECTION
100101



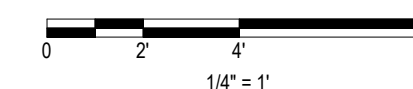
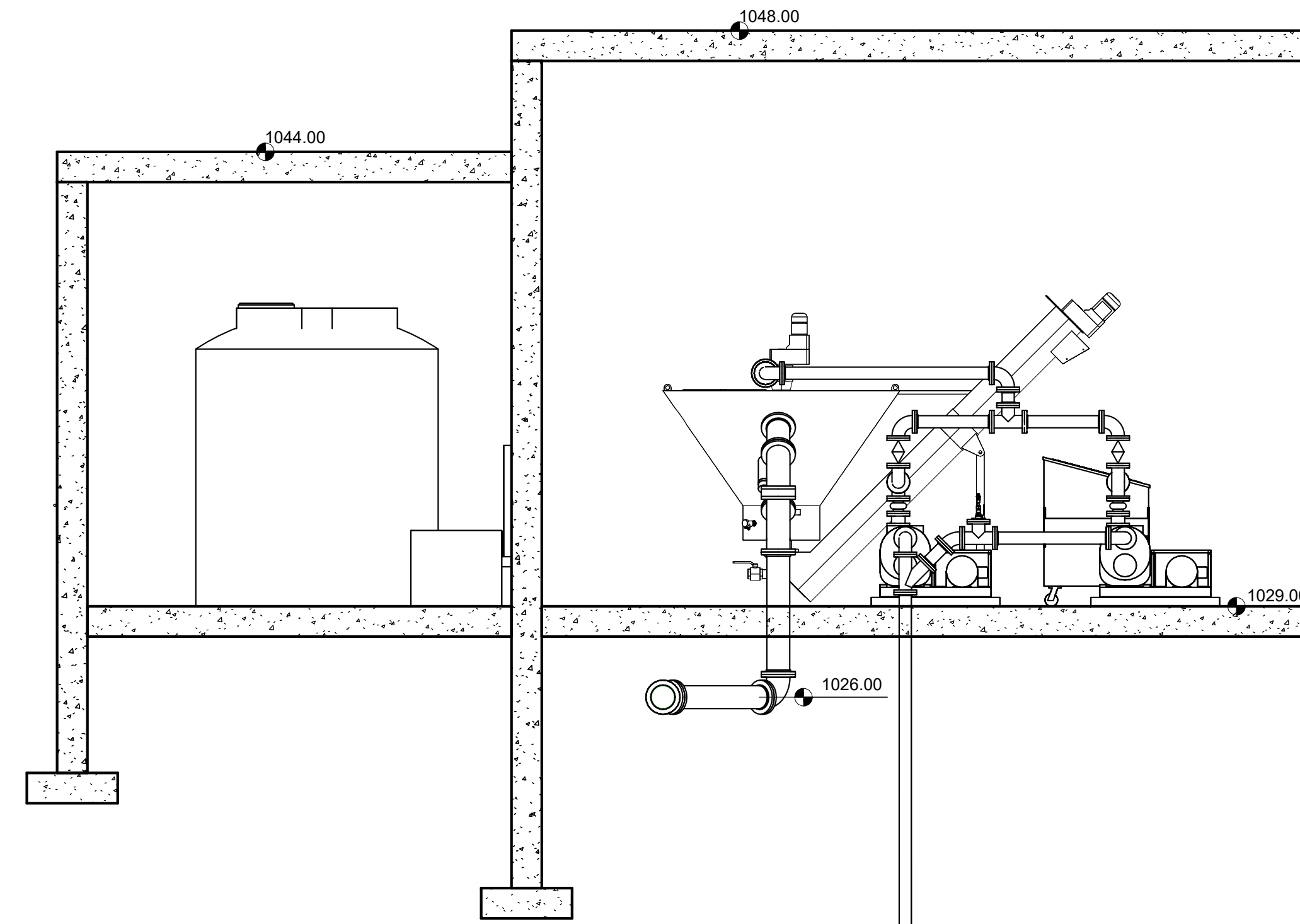
SCREENING AND GRIT REMOVAL



G SECTION
100101



H SECTION
100101



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.
 Engineers name _____ License No. _____
 Date _____

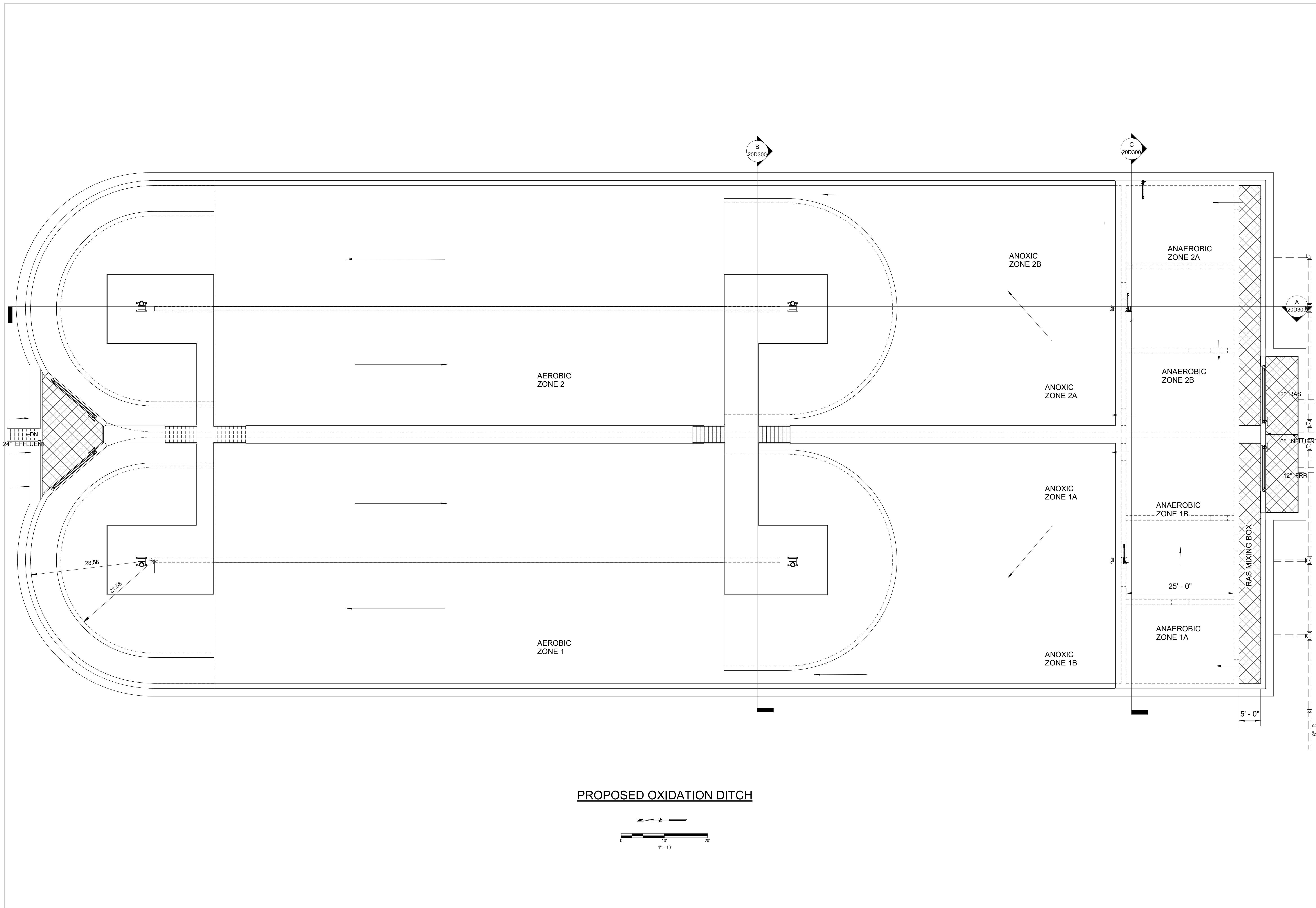
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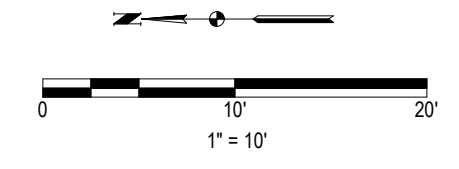
PRELIMINARY TREATMENT - SECTIONS
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

10D302



PROPOSED OXIDATION DITCH



I hereby certify that this plan, specification, or report was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Engineers name _____ License No. _____
Date _____

DRAWING LOG

| NO. | DESCRIPTION | DATE |
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PROPOSED OXIDATION DITCH PLAN
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 05-23-25 |
| DRAWN | NK |
| DESIGNED | MSH |
| CHECKED | |

20D100

I hereby certify that this plan, specification, or report was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Engineers name _____ License No. _____
Date _____

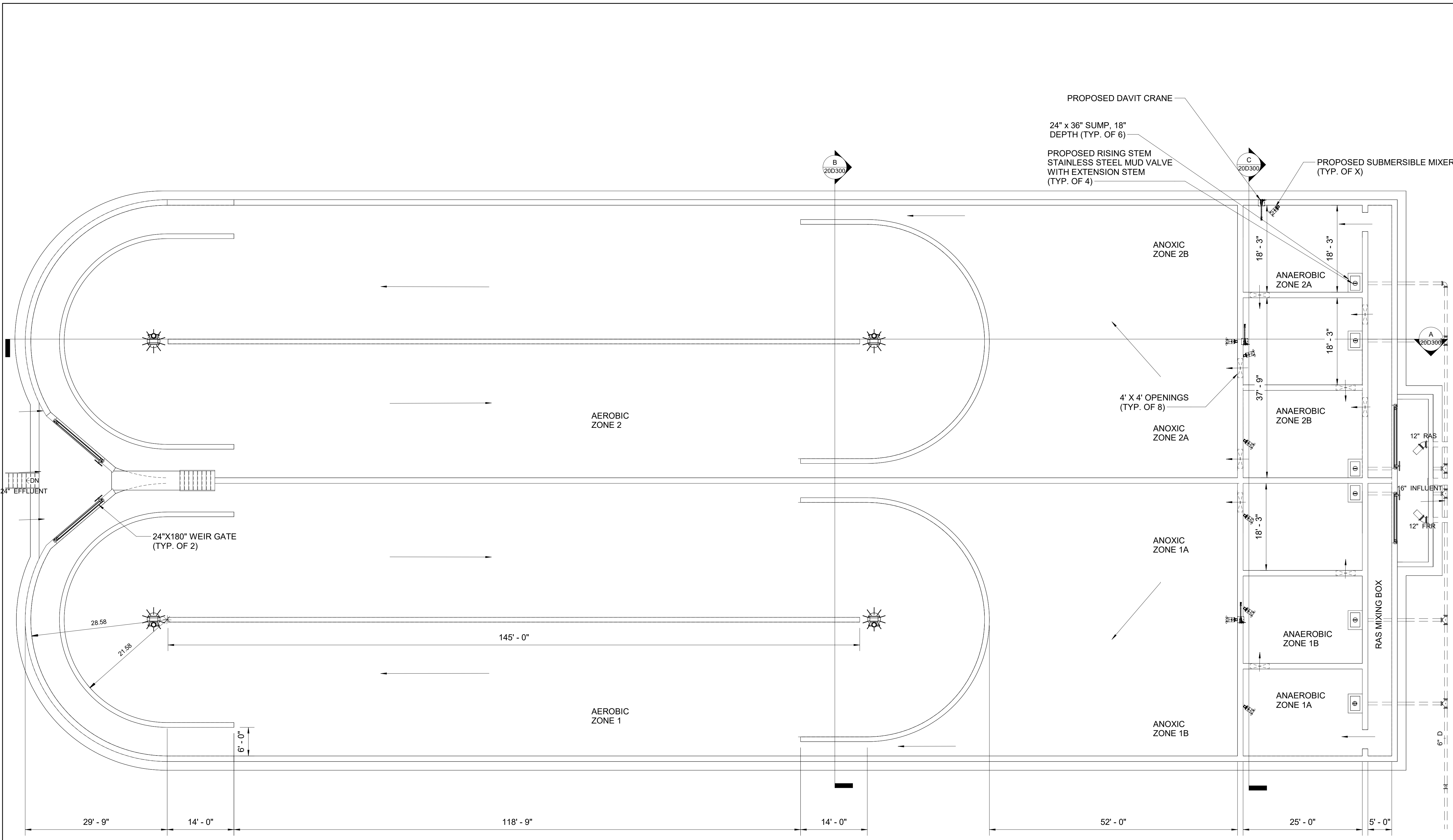
| DRAWING LOG | |
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| NO. | DATE |
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PROPOSED OXIDATION DITCH(NO PLATFORMS)

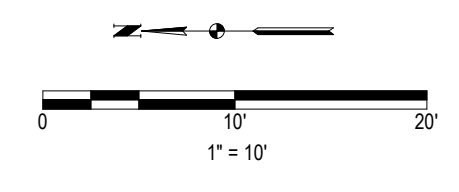
NORTH ZUMBRO SANITARY SEWER DISTRICT
NEW WASTEWATER TREATMENT PLANT
ZUMBROTA, MINNESOTA

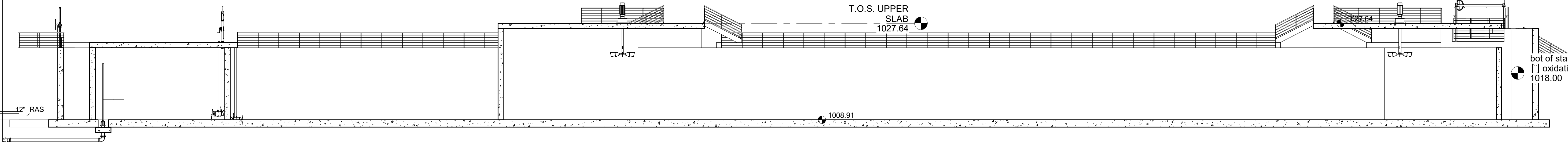
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|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 05-23-25 |
| DRAWN | NK |
| DESIGNED | MSH |
| CHECKED | |

20D101

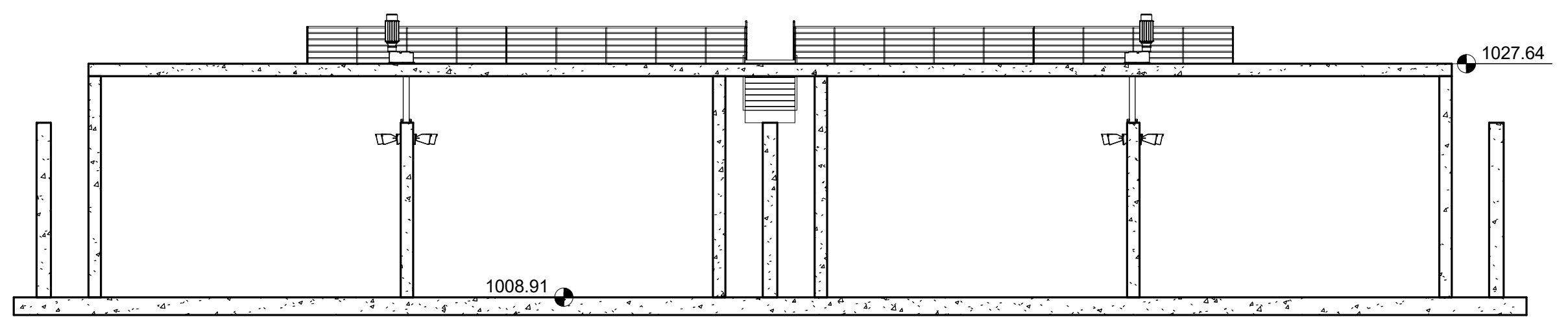


PROPOSED OXIDATION DITCH(NO PLATFORMS)

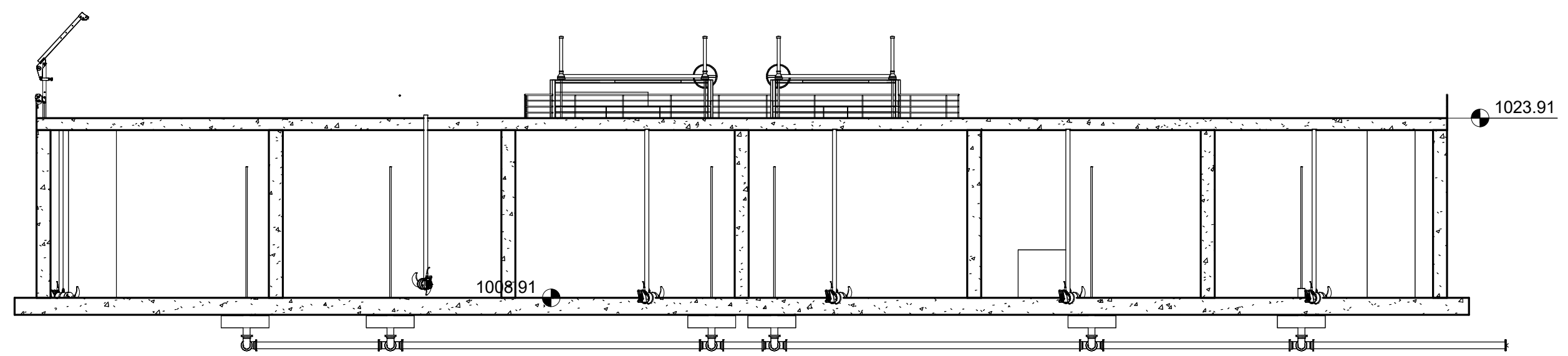




A
SECTION A
20D100



B
SECTION B
20D100



C
SECTION C
20D100

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Engineers name _____ License No. _____
Date _____

DRAWING LOG

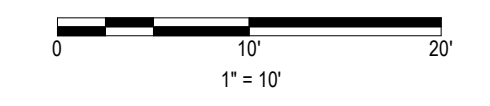
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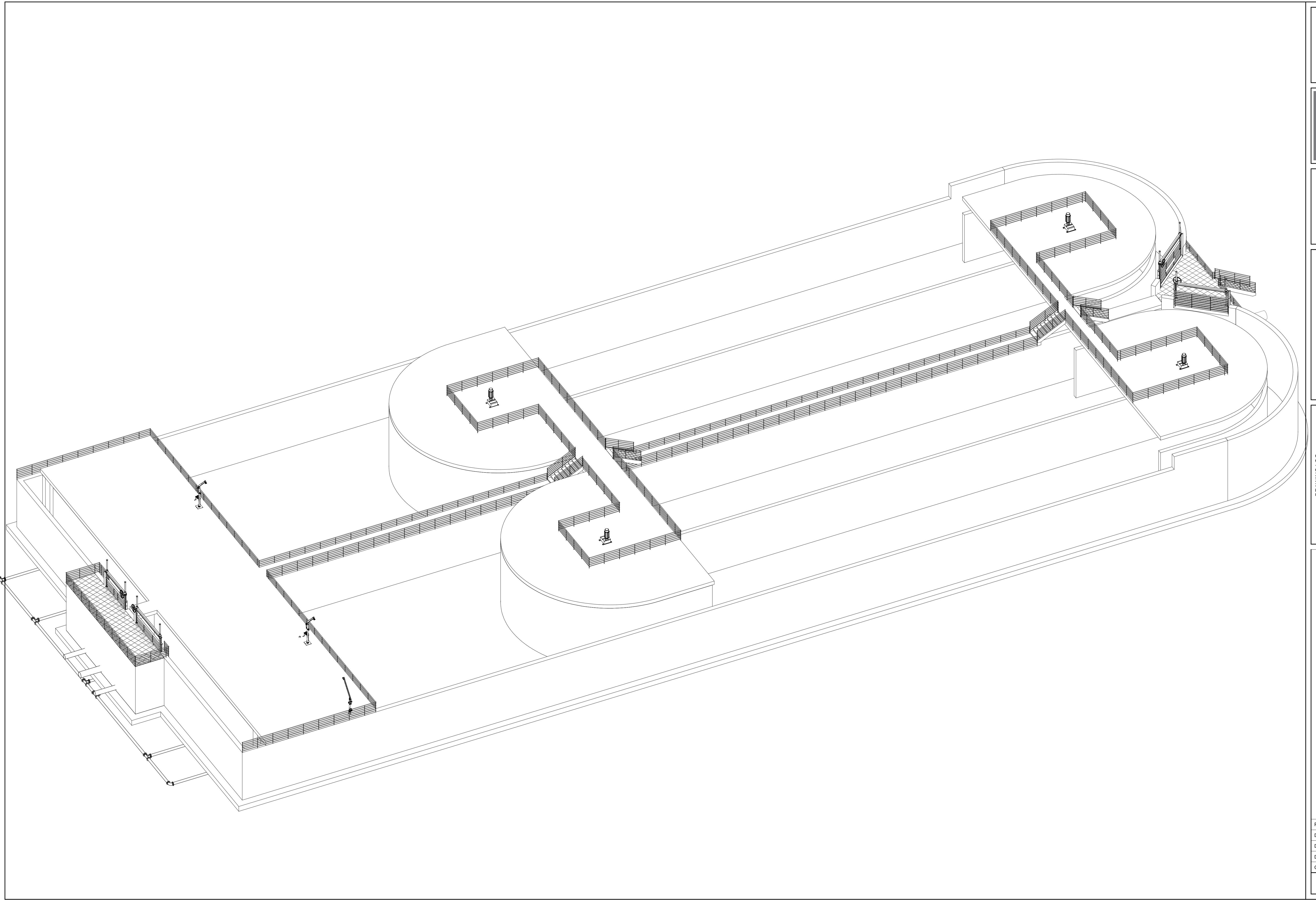
PROPOSED OXIDATION DITCH SECTIONS

NORTH ZUMBRO SANITARY SEWER DISTRICT
NEW WASTEWATER TREATMENT PLANT
ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 05-23-25 |
| DRAWN | NK |
| DESIGNED | MSH |
| CHECKED | |

20D300





I hereby certify that this plan, specification, or report was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Engineers name _____ License No. _____
 Date _____

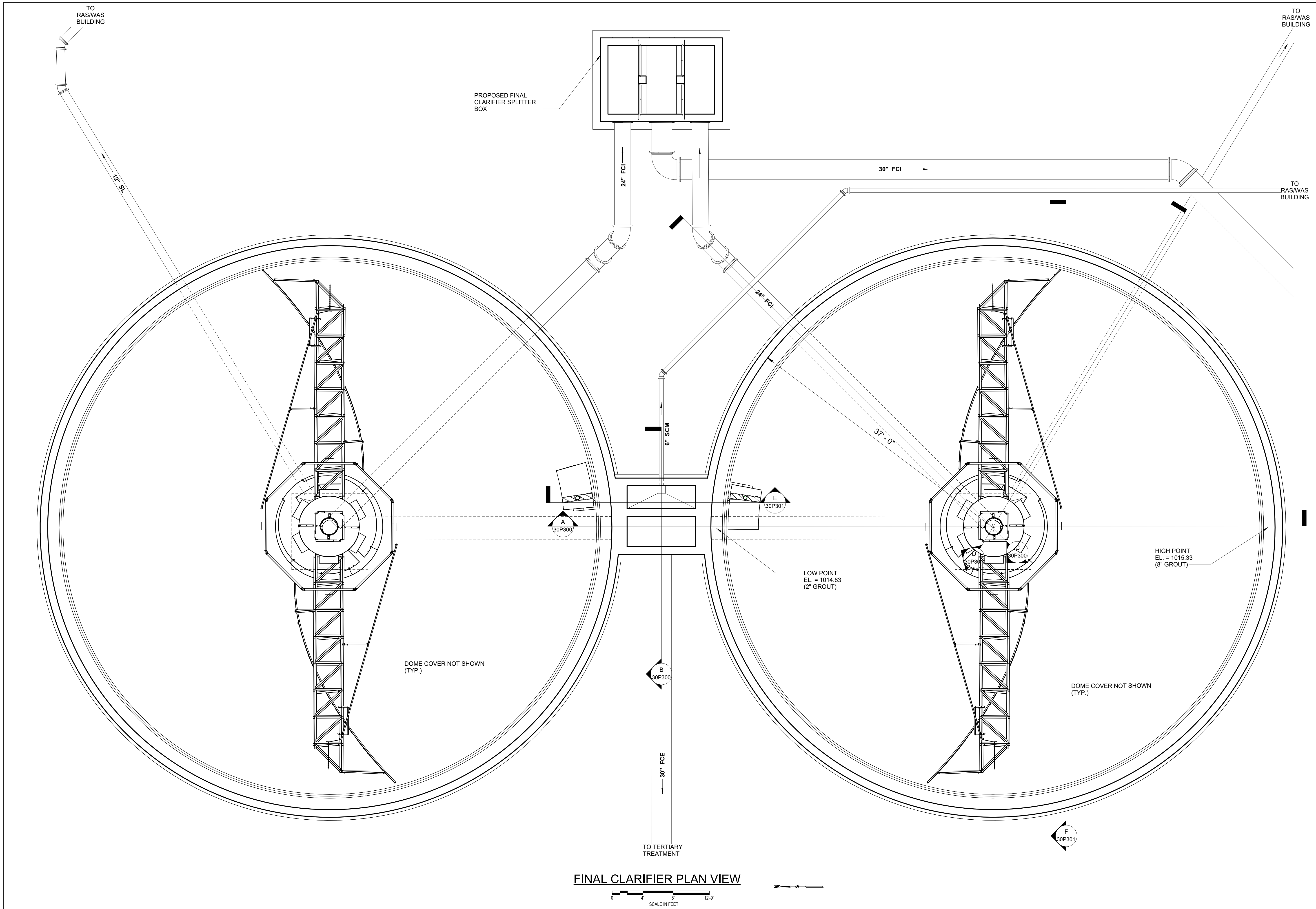
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| NO. | DESCRIPTION | |
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PROPOSED OXIDATION DITCH ORTHO VIEW

NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 05-23-25 |
| DRAWN | NK |
| DESIGNED | MSH |
| CHECKED | |

20D500



FINAL CLARIFIER PLAN VIEW

SCALE IN FEET
0 4 8 12-9"



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.
 Engineers name _____ License No. _____
 Date _____

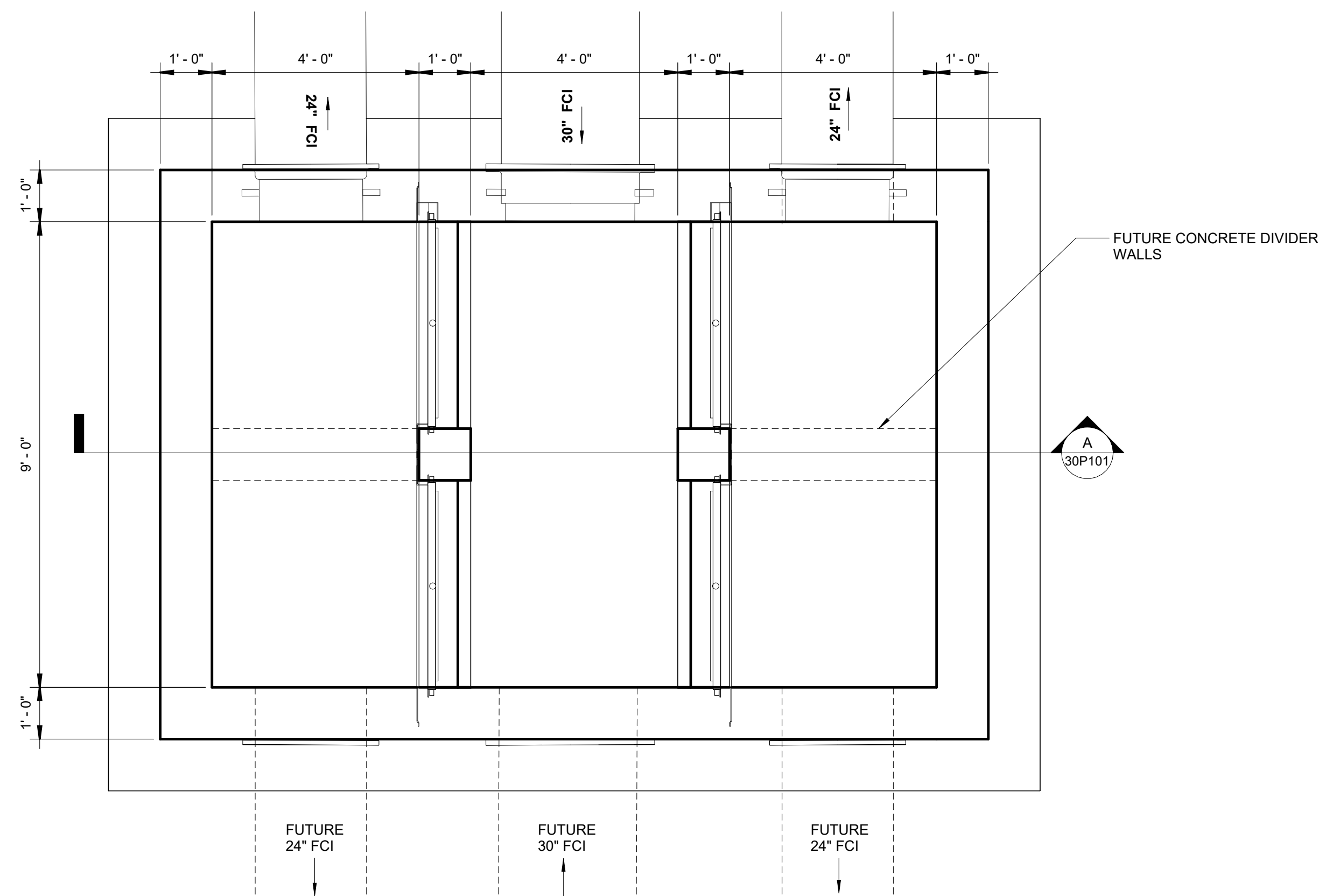
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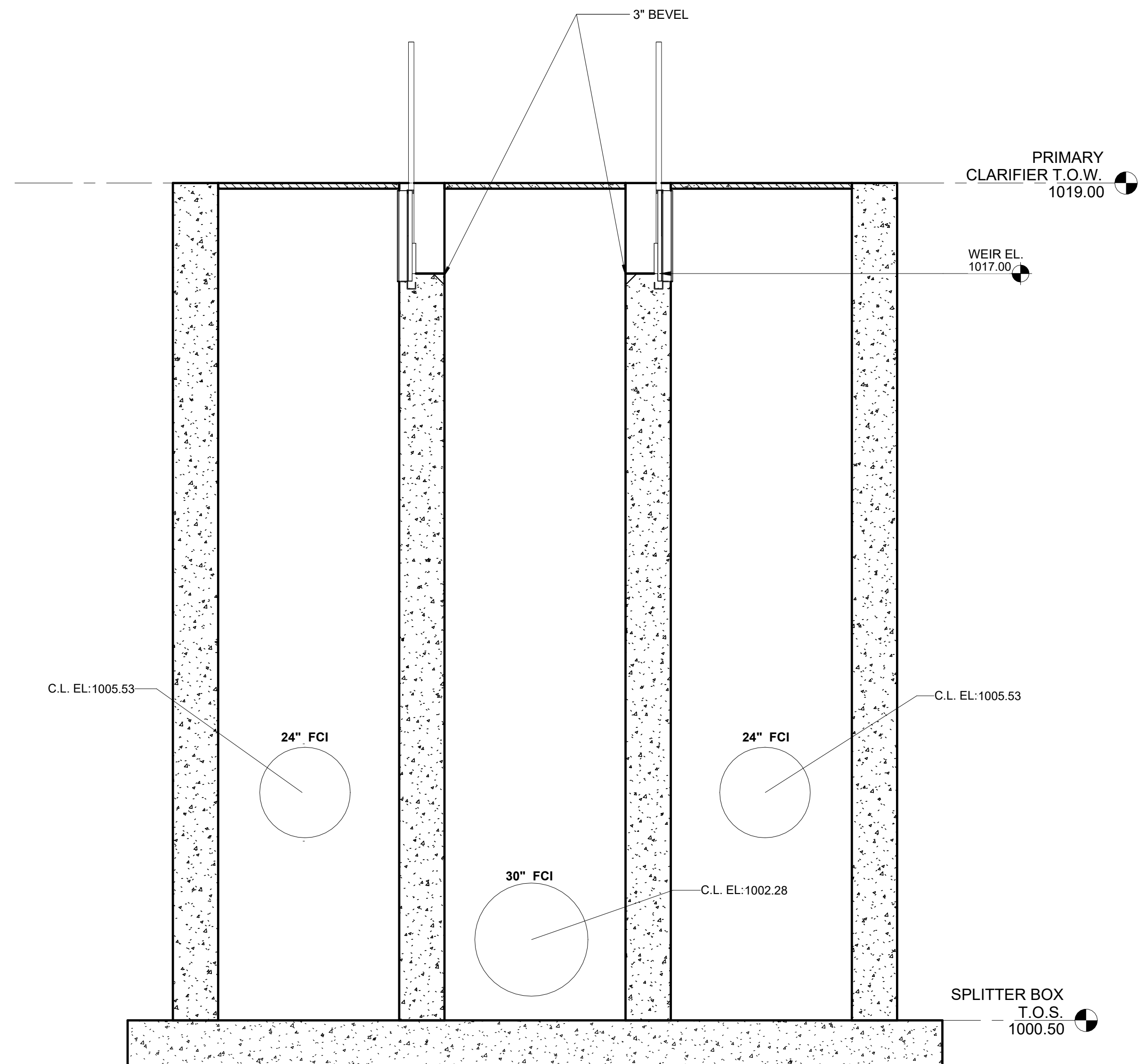
FINAL CLARIFIER PLAN VIEW
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

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|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 05-28-25 |
| DRAWN | NDK |
| DESIGNED | ET |
| CHECKED | MH |

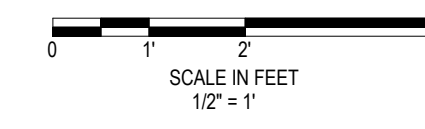
30P100



FINAL CLARIFIER SPLITTER BOX PLAN VIEW



A SECTION



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.

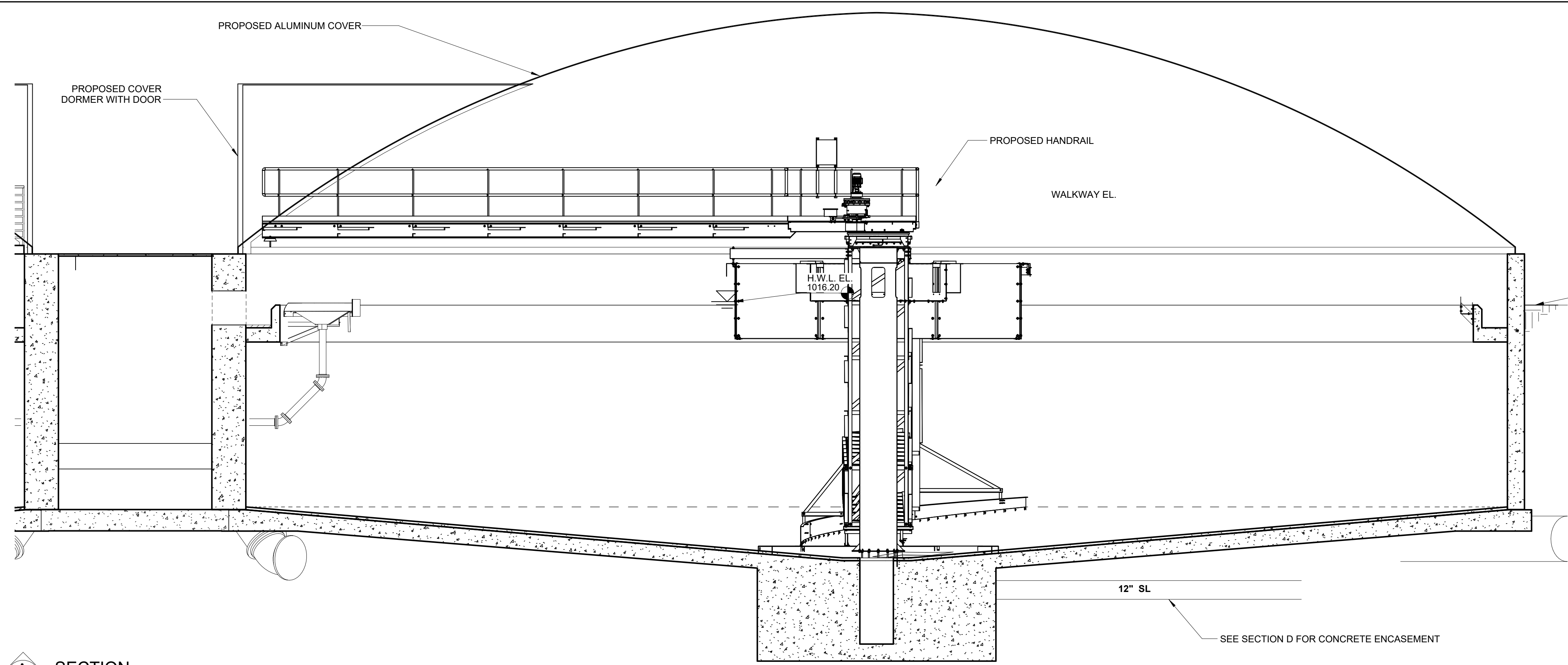
Engineers name _____ License No. _____
 Date _____

| DRAWING LOG | |
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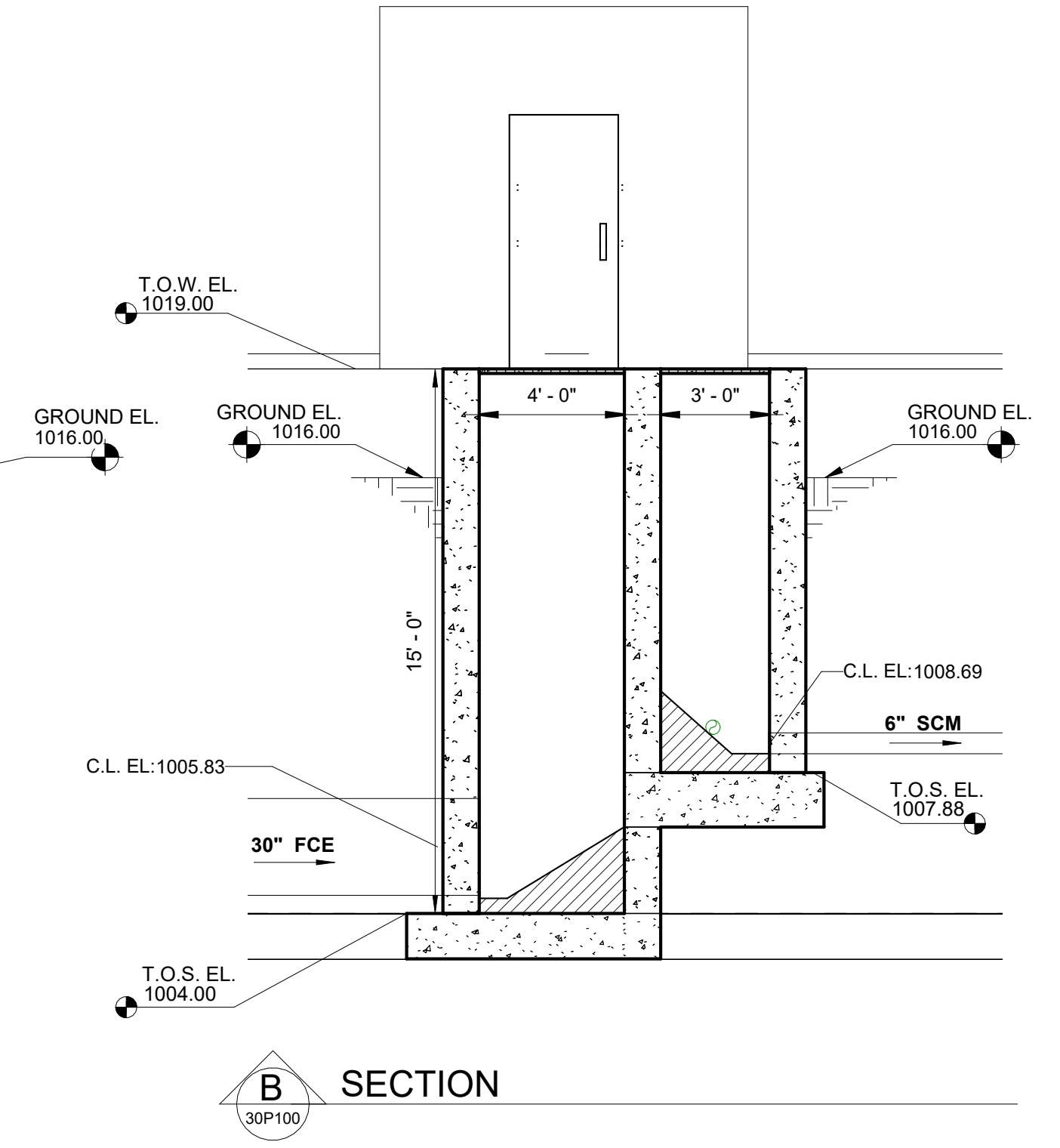
FINAL CLARIFIER SPLITTER BOX
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

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|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 05-28-25 |
| DRAWN | NDK |
| DESIGNED | ET |
| CHECKED | MH |

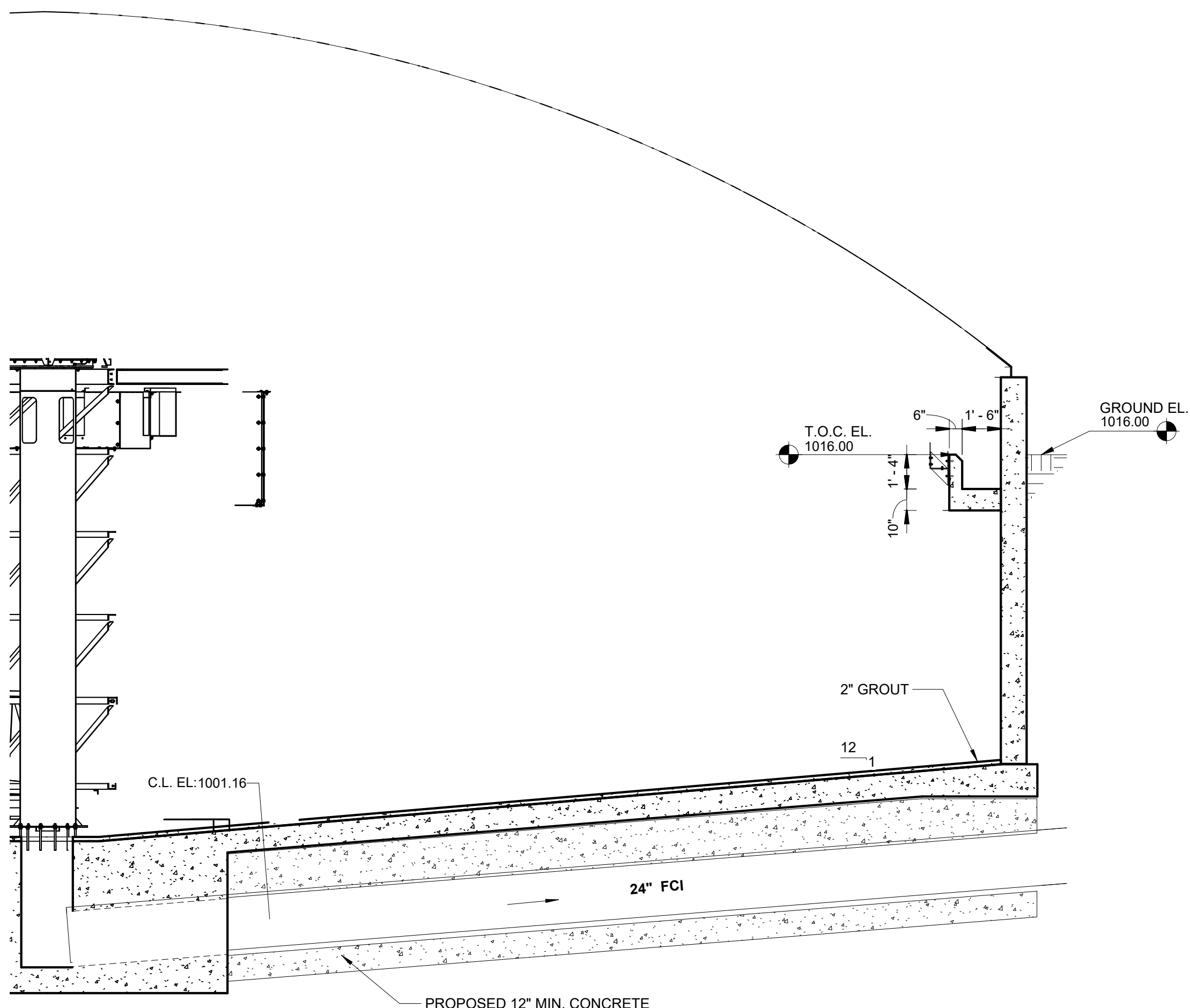
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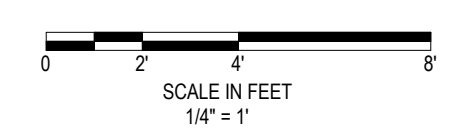
A SECTION
30P100



B SECTION
30P100



C SECTION
30P100



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Engineers name _____ License No. _____
Date _____

DRAWING LOG

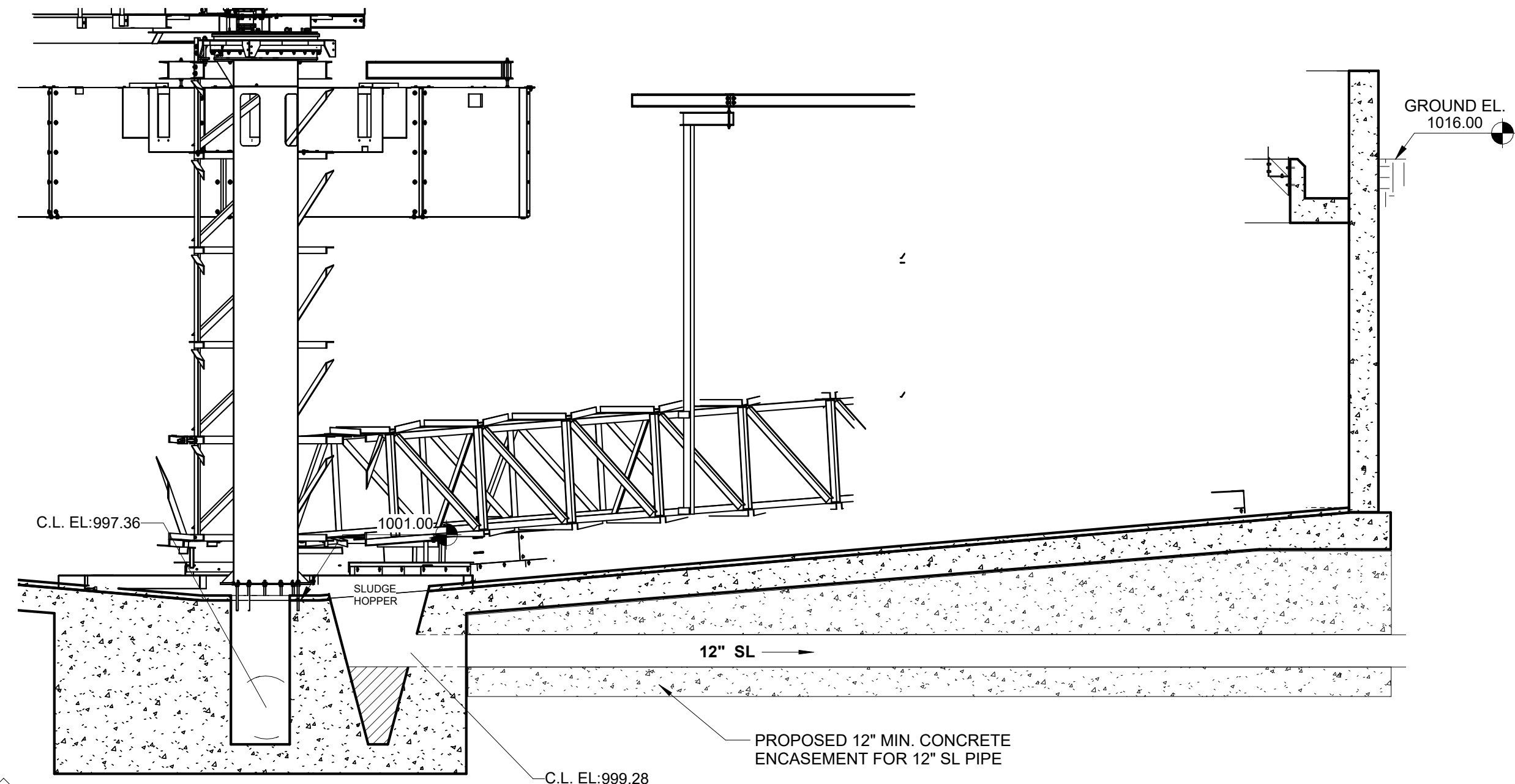
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FINAL CLARIFIER SECTION VIEWS

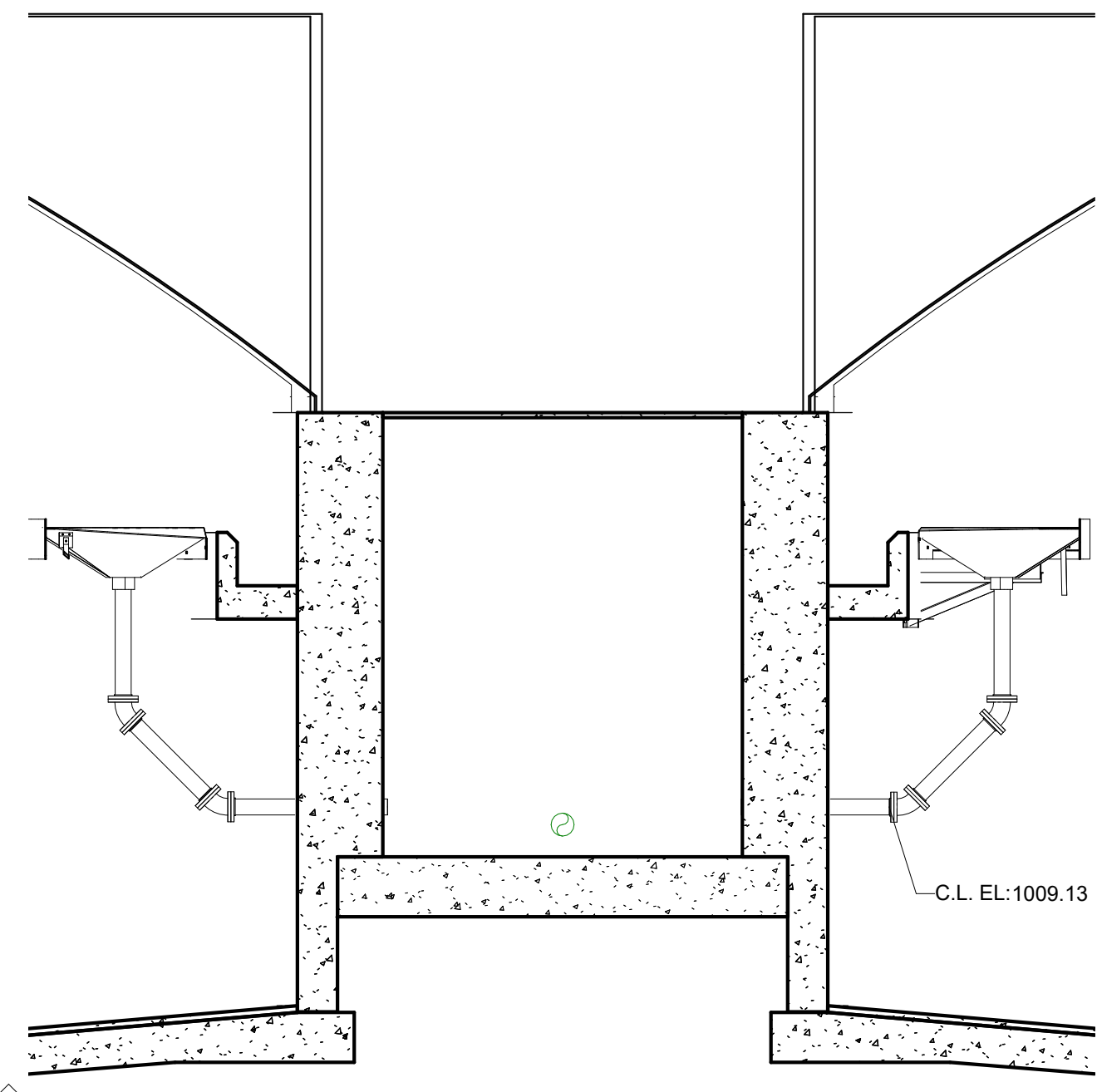
NORTH ZUMBRO SANITARY SEWER DISTRICT
NEW WASTEWATER TREATMENT PLANT
ZUMBROTA, MINNESOTA

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|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 05-28-25 |
| DRAWN | NDK |
| DESIGNED | ET |
| CHECKED | MH |

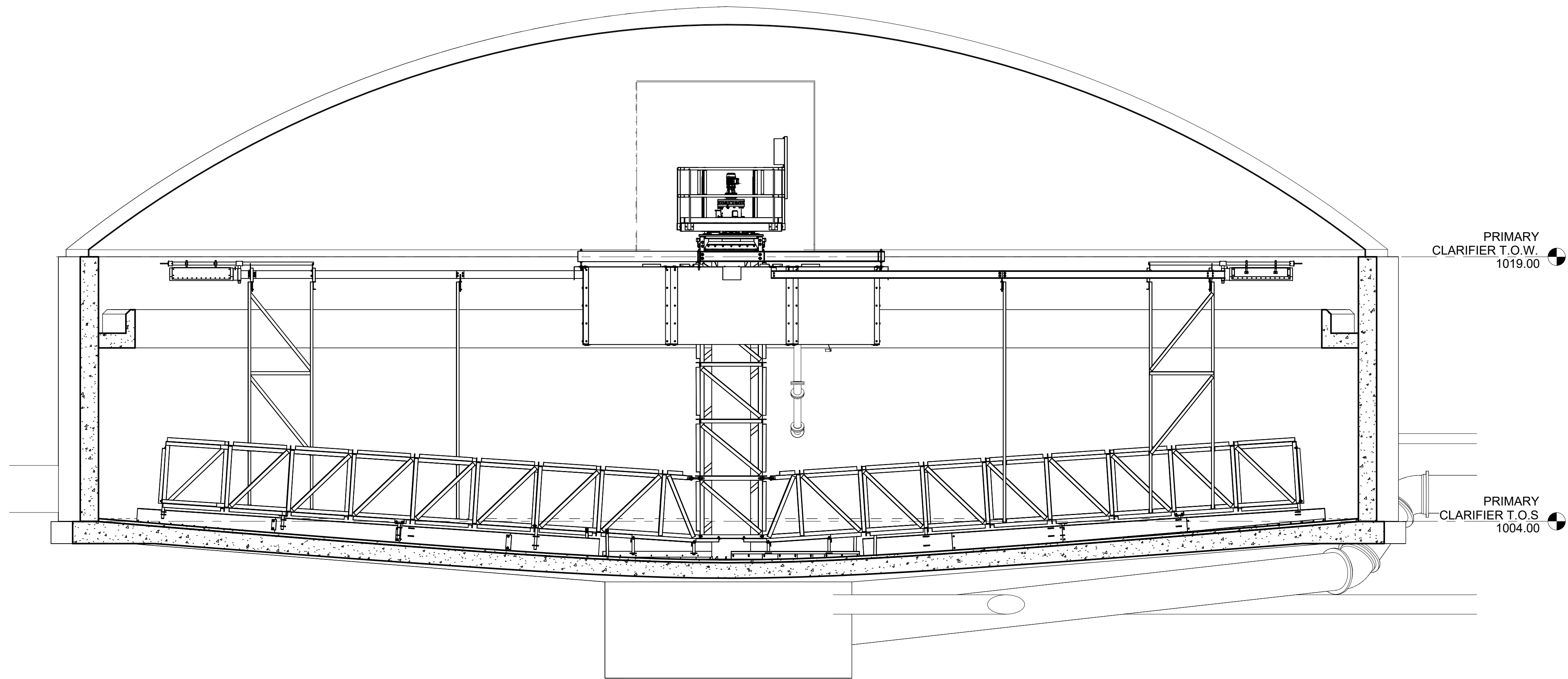
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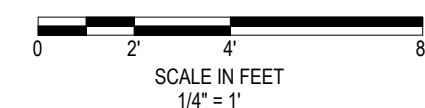
D SECTION
30P100



E SECTION
30P100



F Section 9
30P100



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.

Engineers name _____ License No. _____
Date _____

DRAWING LOG

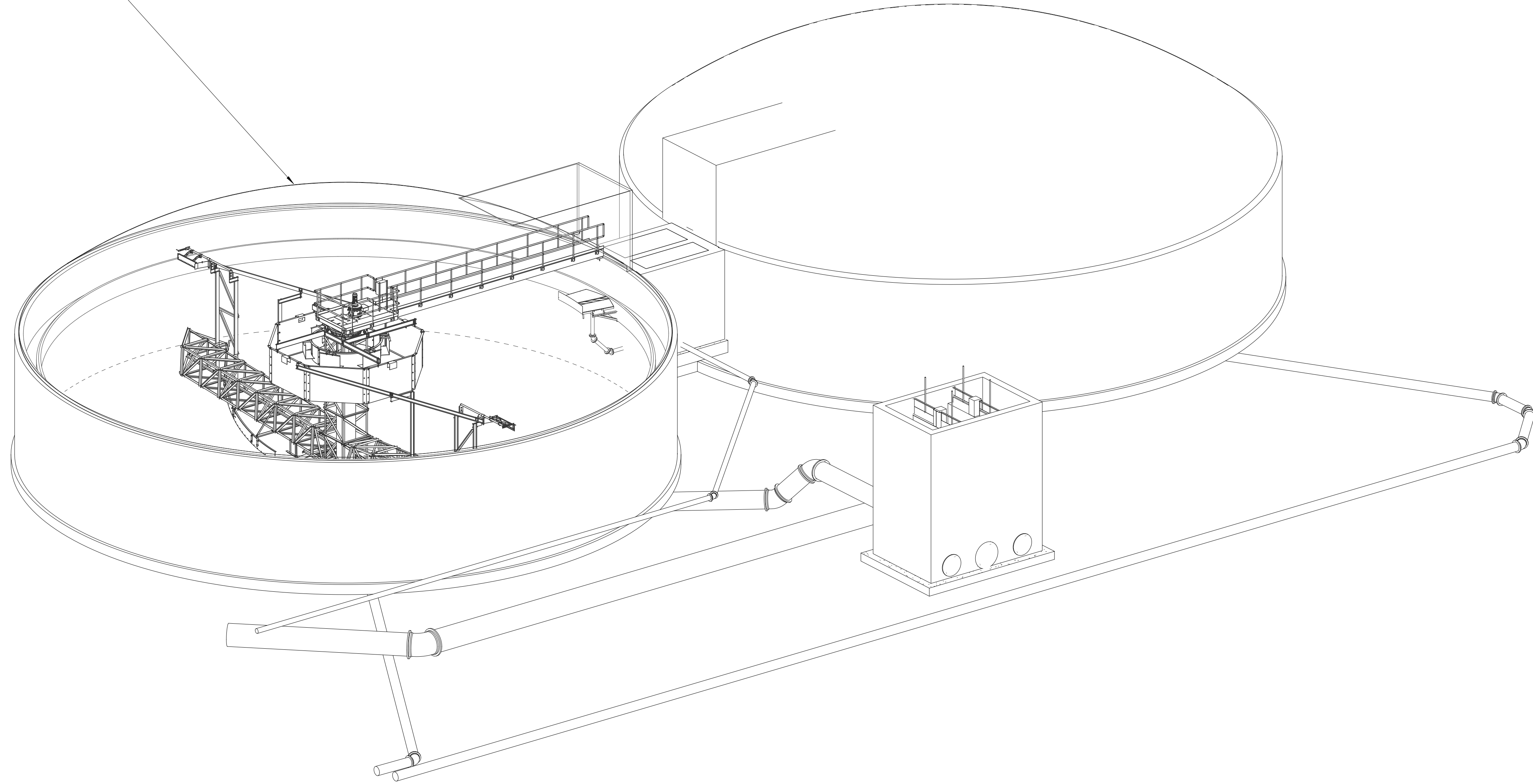
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FINAL CLARIFIER SECTION VIEWS
NORTH ZUMBERO SANITARY SEWER DISTRICT
NEW WASTEWATER TREATMENT PLANT
ZUMBEROTA, MINNESOTA

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|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 05-28-25 |
| DRAWN | NDK |
| DESIGNED | ET |
| CHECKED | MH |

30P301

PROPOSED COVER
 TRANSPARENT TO SHOW
 INTERIOR OF FINAL CLARIFIER



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.

Engineers name _____ License No. _____
 Date _____

| DRAWING LOG | | DATE |
|-------------|-------------|------|
| NO. | DESCRIPTION | |
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| 2 | | |
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FINAL CLARIFIER SECTION ORTHO VIEW

NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 05-28-25 |
| DRAWN | NDK |
| DESIGNED | ET |
| CHECKED | MH |

30P600

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.

Engineers name _____ License No. _____
 Date _____

| DRAWING LOG | |
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TERTIARY TREATMENT - UPPER LEVEL PLAN

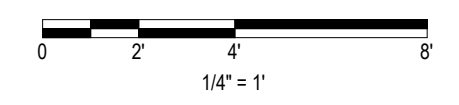
NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

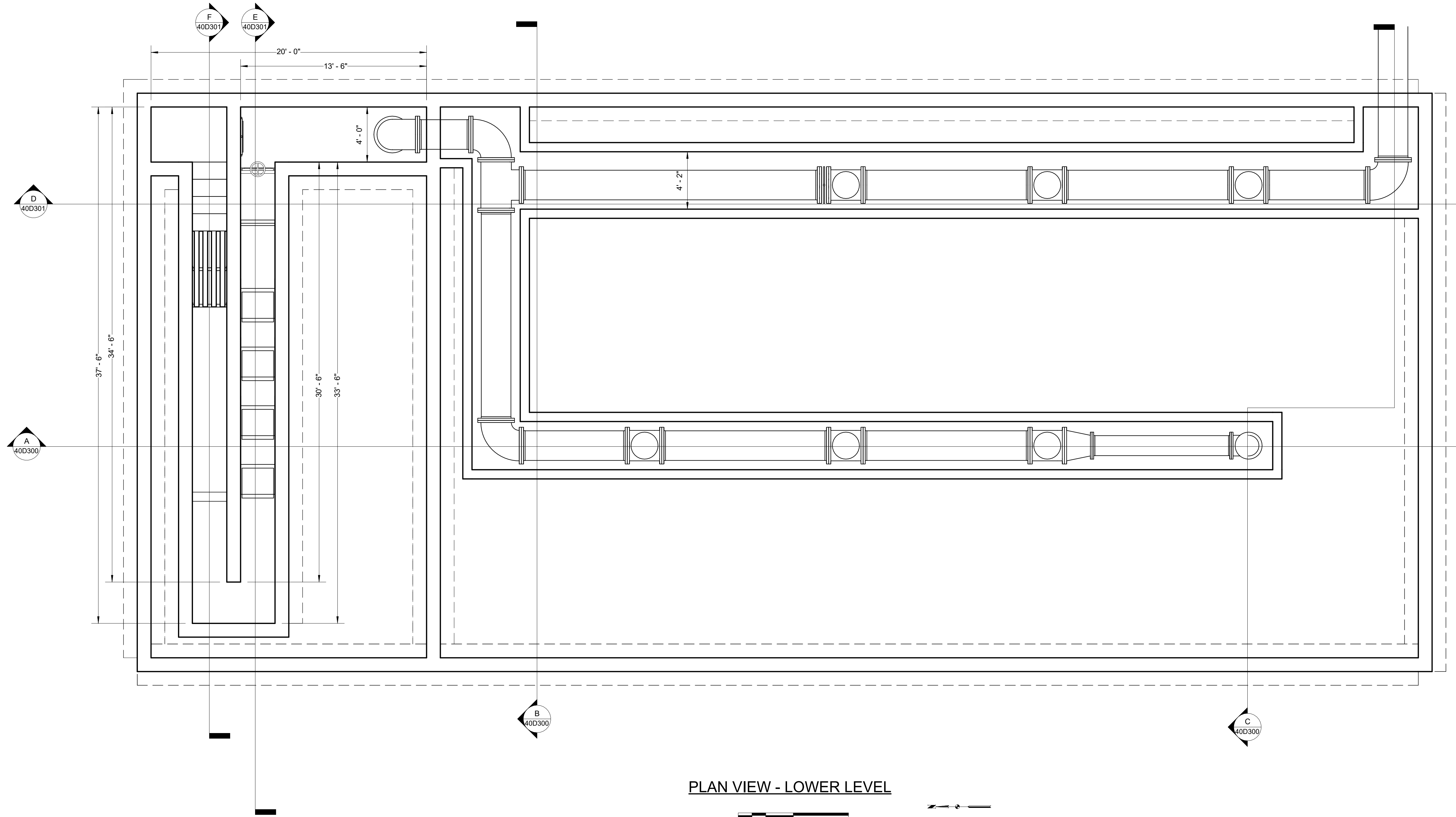
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|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

40D100

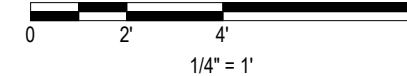


PLAN VIEW - UPPER LEVEL





PLAN VIEW - LOWER LEVEL



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.

Engineers name _____ License No. _____
 Date _____

DRAWING LOG

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| 1 | | |
| 2 | | |
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| 4 | | |

TERTIARY TREATMENT - LOWER LEVEL PLAN

NORTH ZUMBERO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBERO, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

40D101

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.

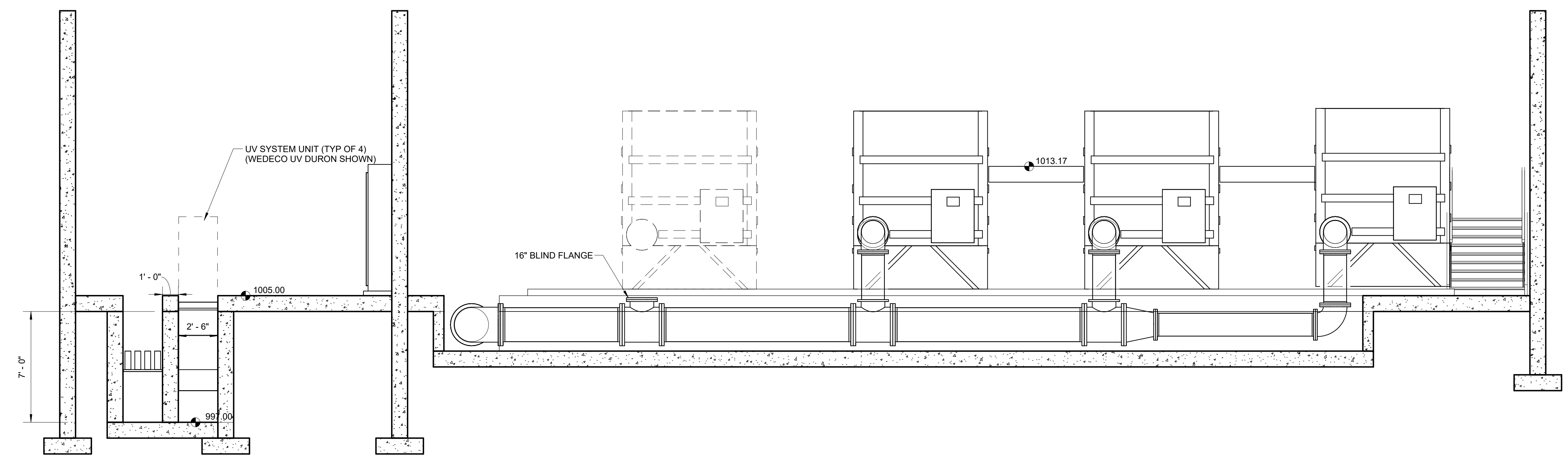
Engineers name _____ License No. _____
 Date _____

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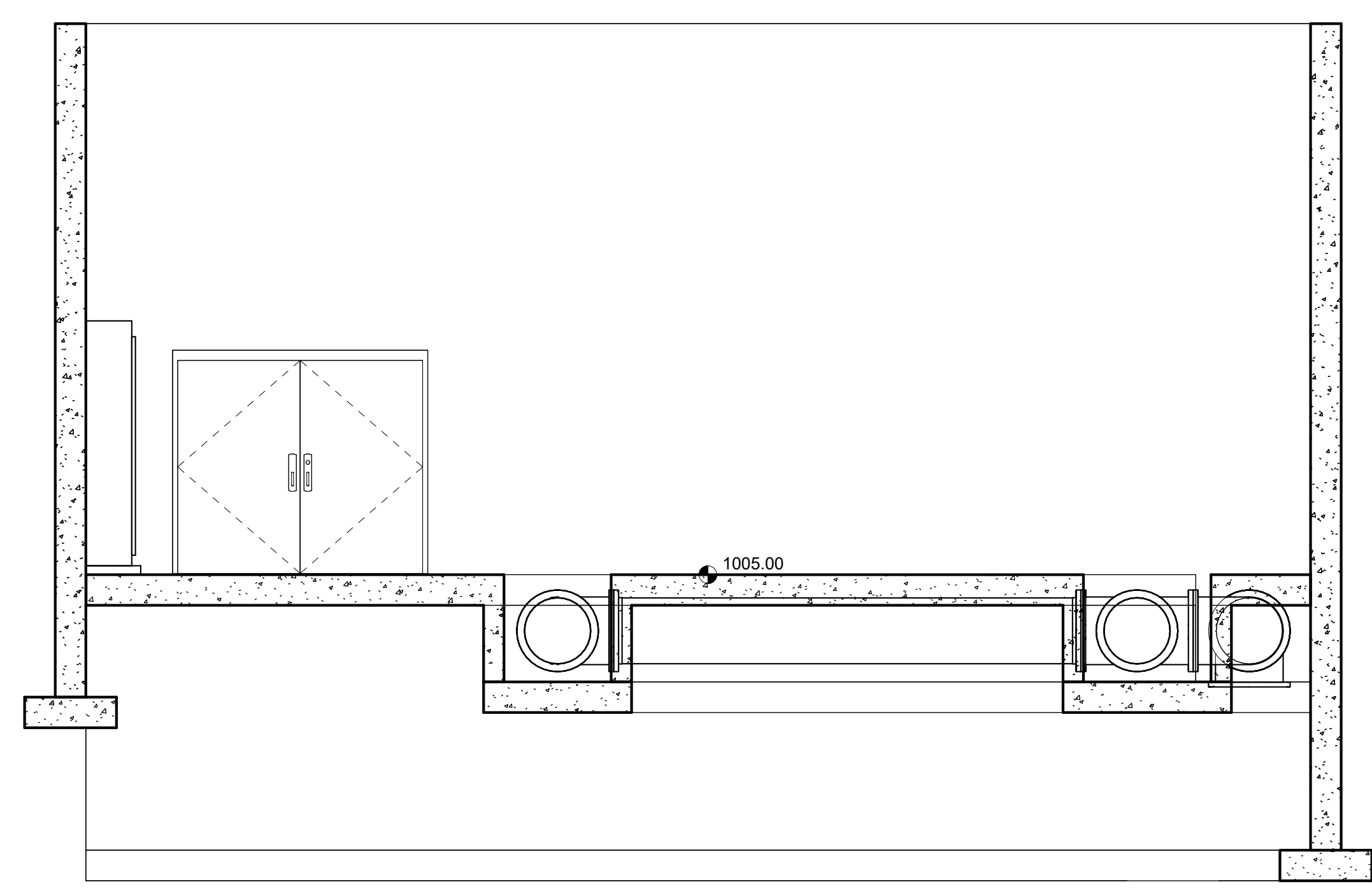
TERTIARY TREATMENT SECTIONS
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

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|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
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| CHECKED | |

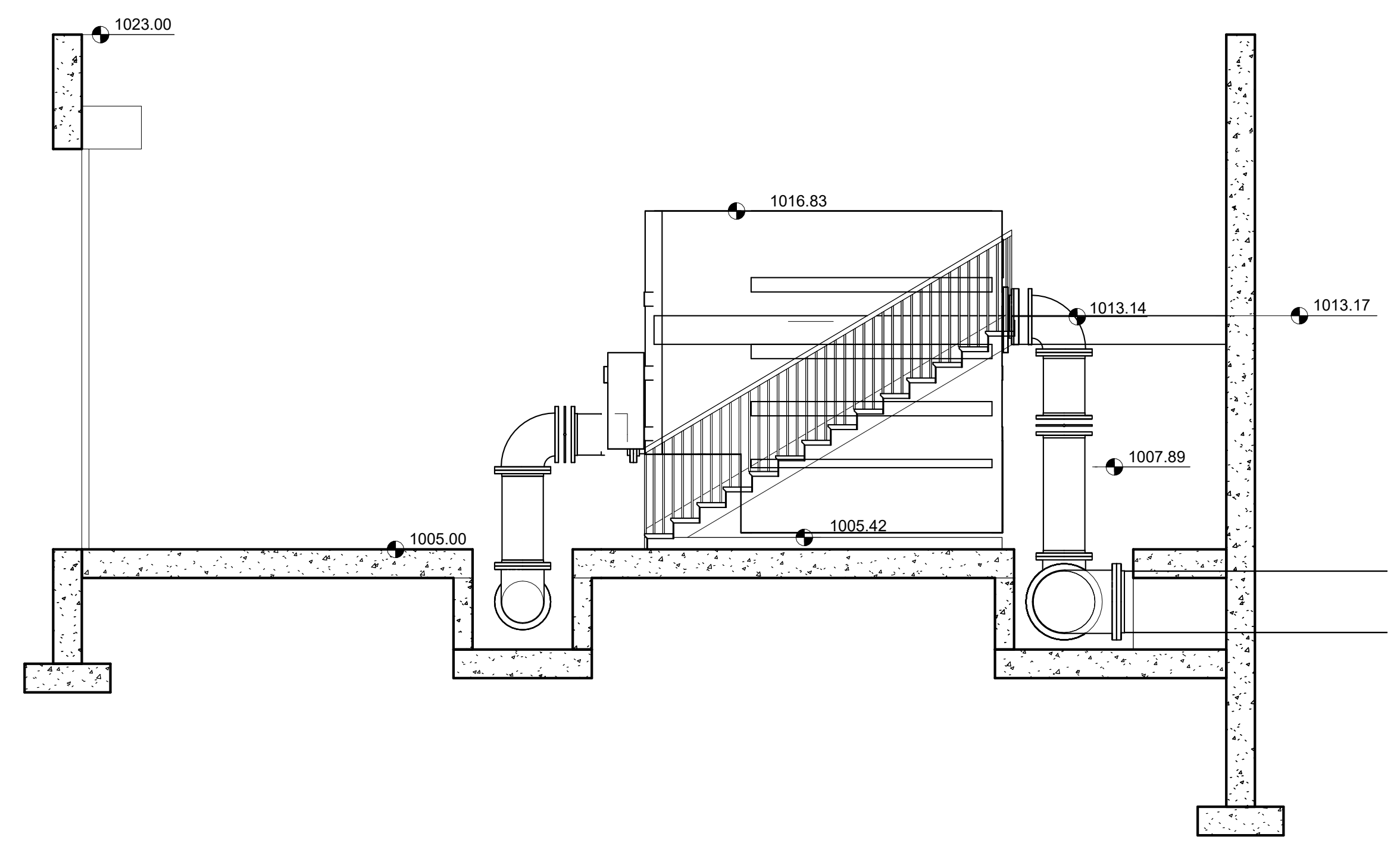
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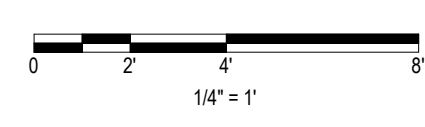
A SECTION
 40D100



B SECTION
 40D100



C SECTION
 40D100



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.

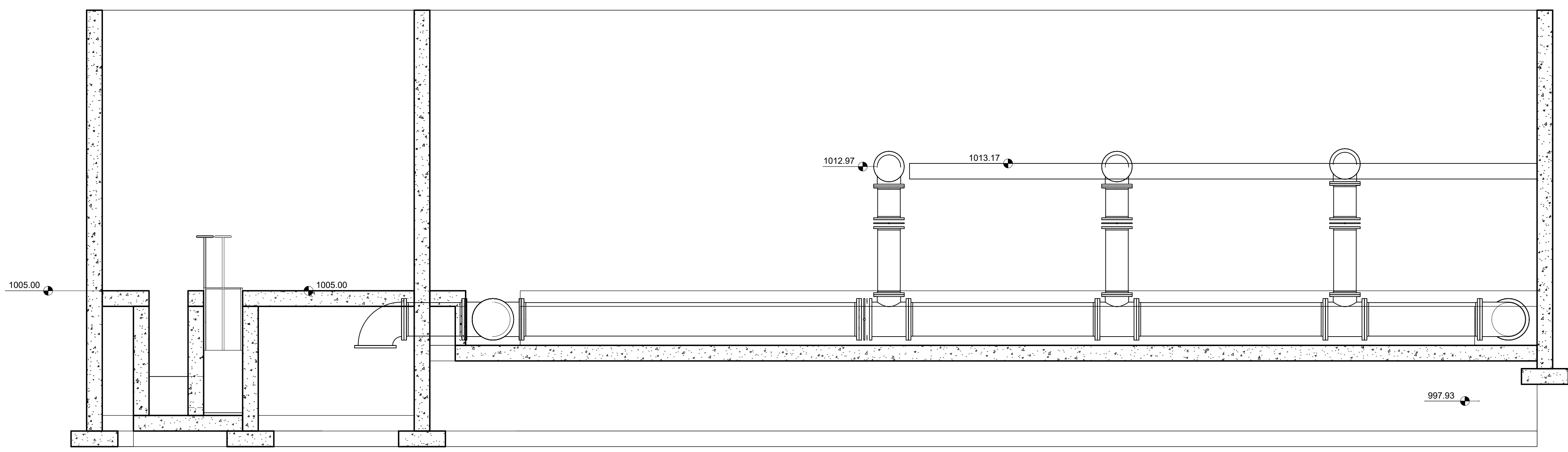
Engineers name _____ License No. _____
 Date _____

| DRAWING LOG | |
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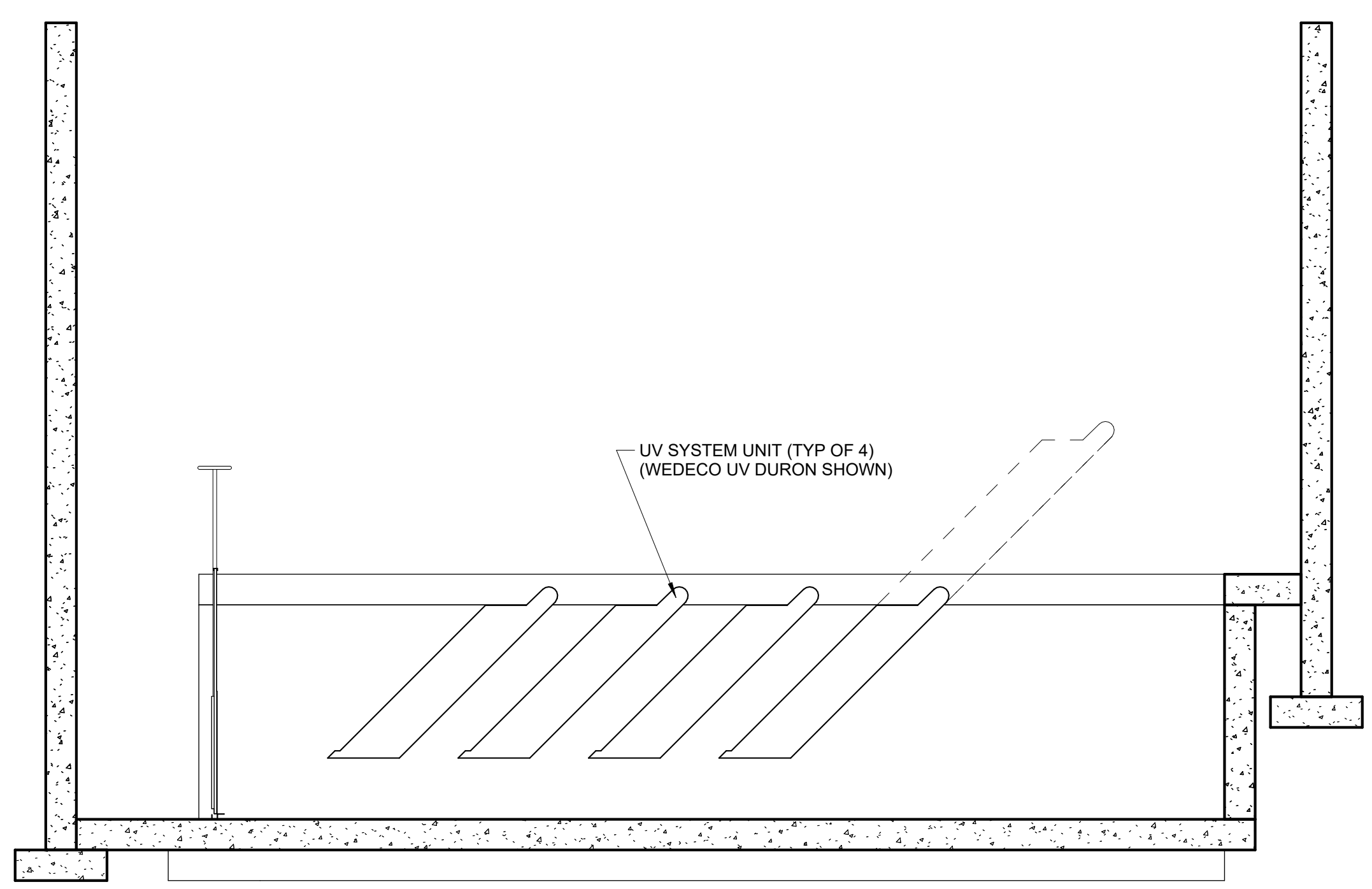
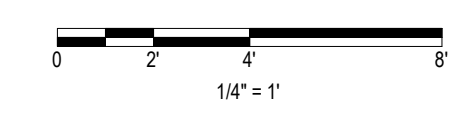
TERTIARY TREATMENT SECTIONS
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
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| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

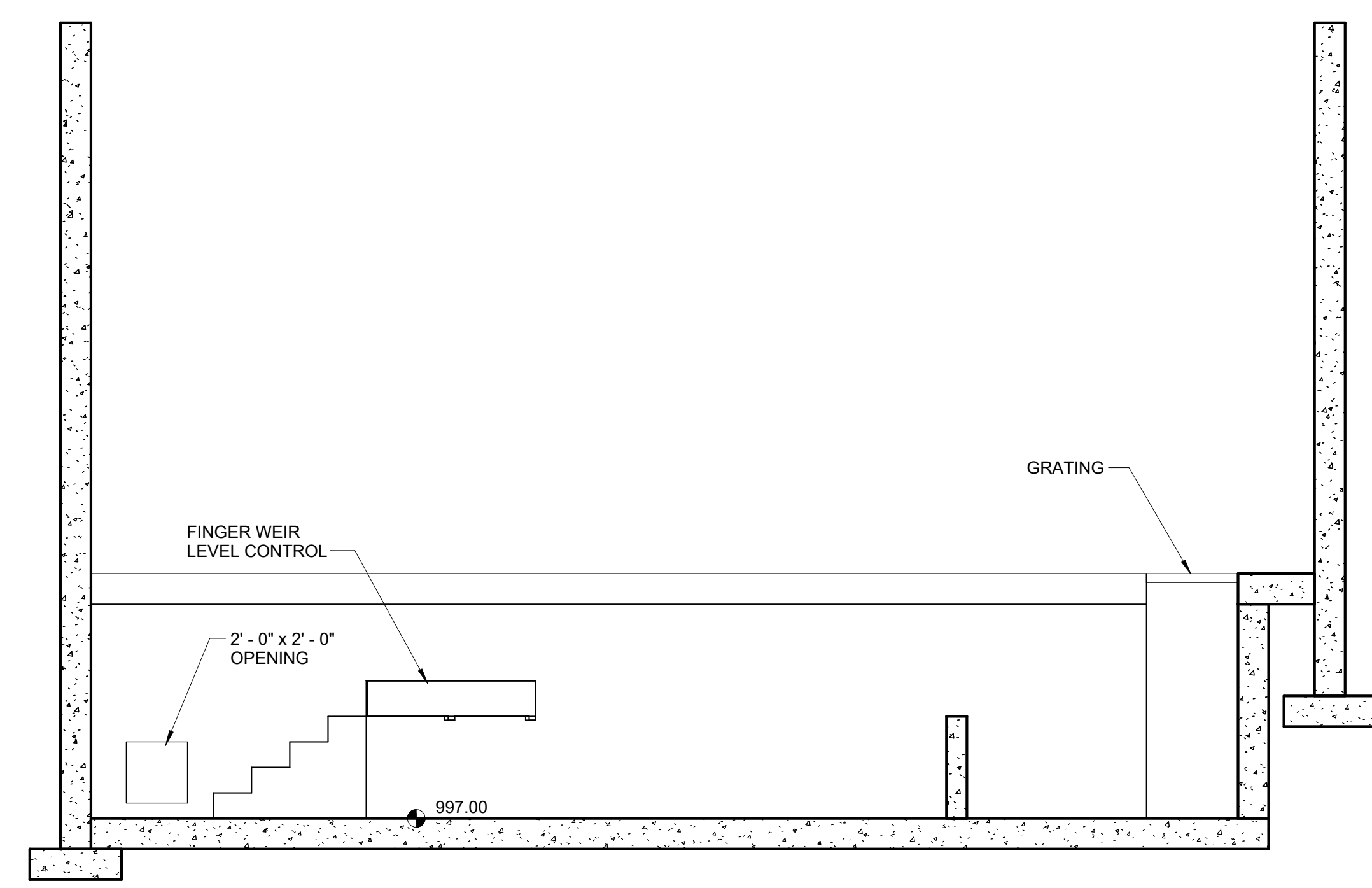
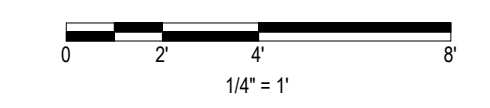
40D301



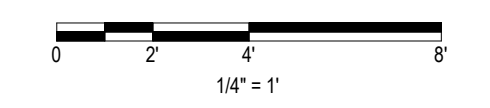
D SECTION
 40D100



E SECTION
 40D100



F SECTION
 40D100



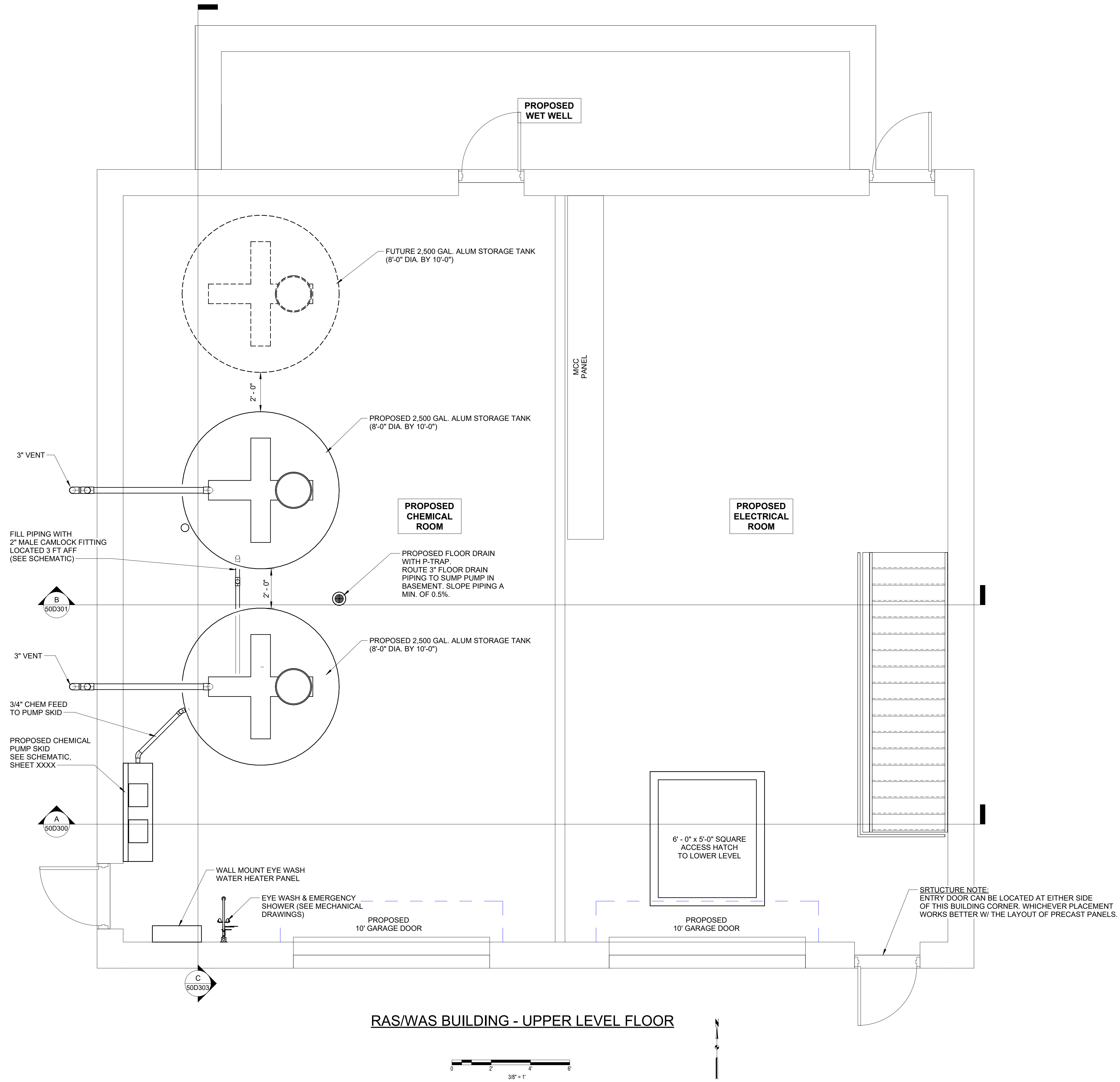
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
 Engineers name _____ License No. _____
 Date _____

| DRAWING LOG | |
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| NO. | DATE |
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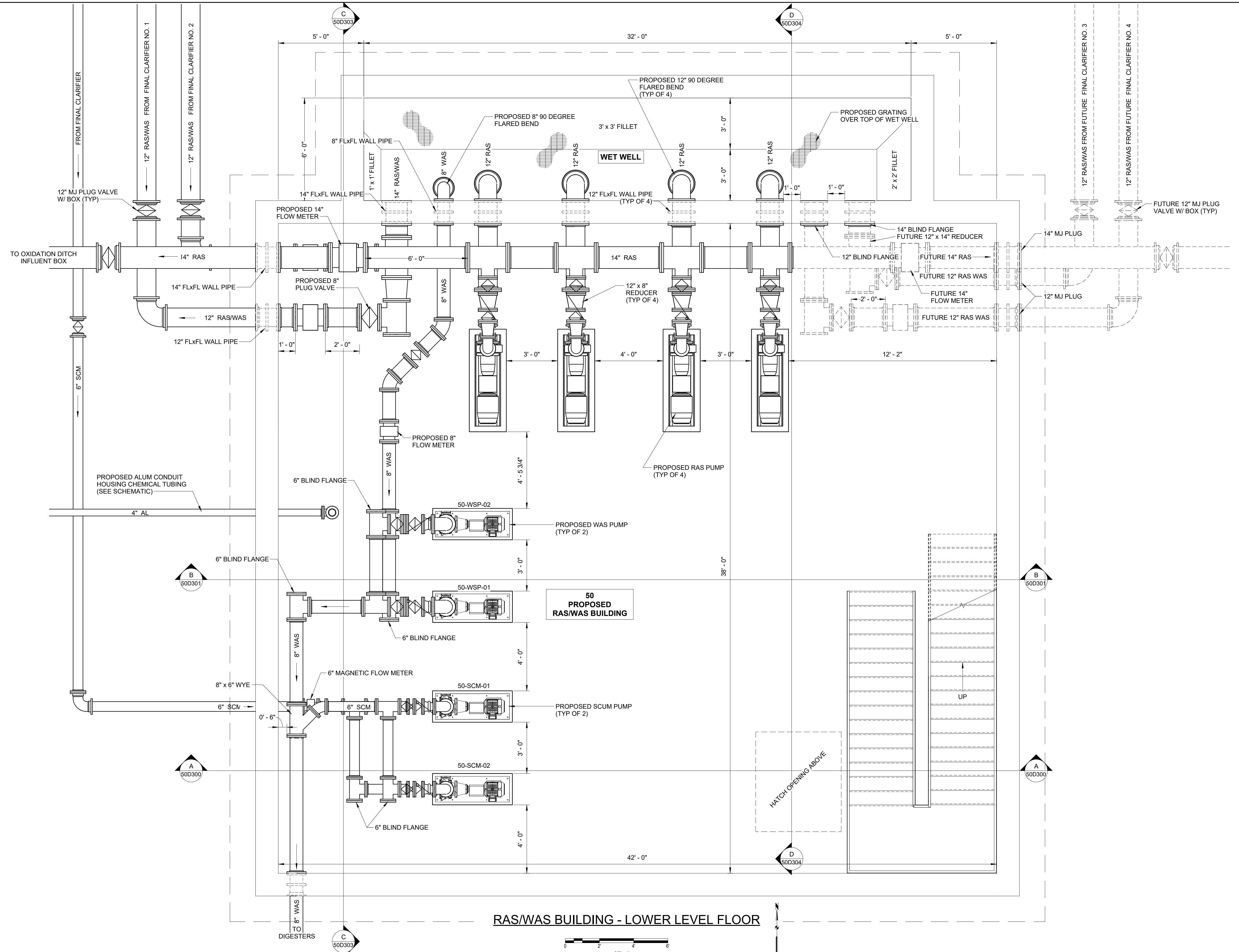
RAS/WAS BUILDING - UPPER LEVEL
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-15-25 |
| DRAWN | JAK |
| DESIGNED | EAT |
| CHECKED | |

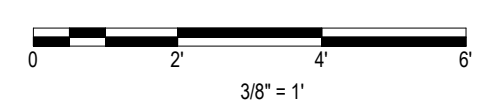
50D100



RAS/WAS BUILDING - UPPER LEVEL FLOOR



RAS/WAS BUILDING - LOWER LEVEL FLOOR



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.

Engineers name _____ License No. _____
 Date _____

DRAWING LOG

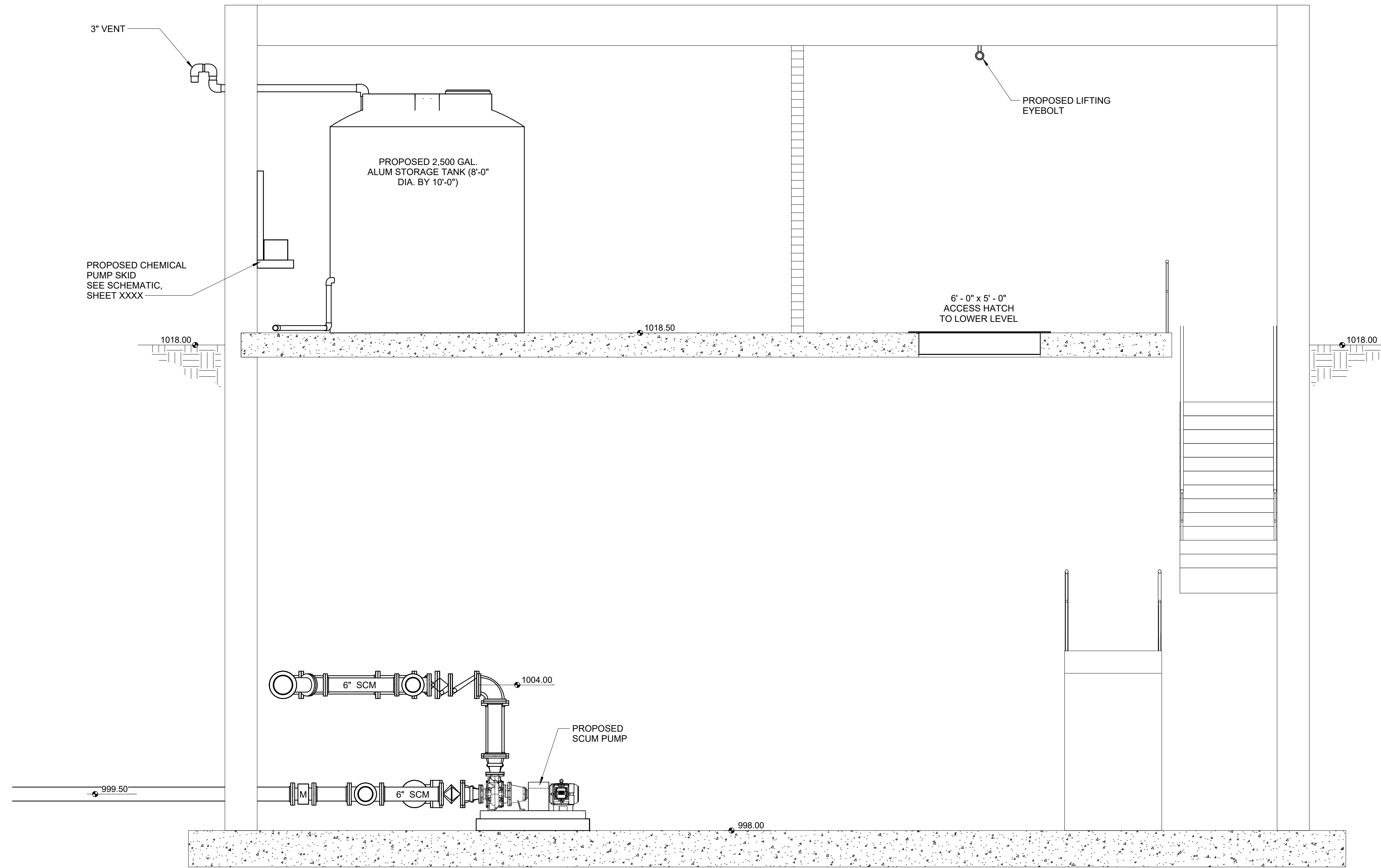
| NO. | DESCRIPTION | DATE |
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| 4 | | |

RAS/WAS BUILDING - LOWER LEVEL

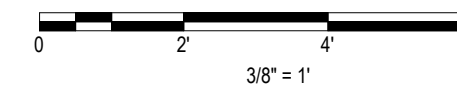
NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-15-25 |
| DRAWN | JAK |
| DESIGNED | EAT |
| CHECKED | |

50D101



A SECTION
50D100



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.

Engineers name _____ License No. _____
Date _____

DRAWING LOG

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
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| 3 | | |
| 4 | | |

RASWAS BUILDING - SECTIONS
 NORTH ZUMBERO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBERO, MINNESOTA

| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-15-25 |
| DRAWN | JAK |
| DESIGNED | EAT |
| CHECKED | |

50D300

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.

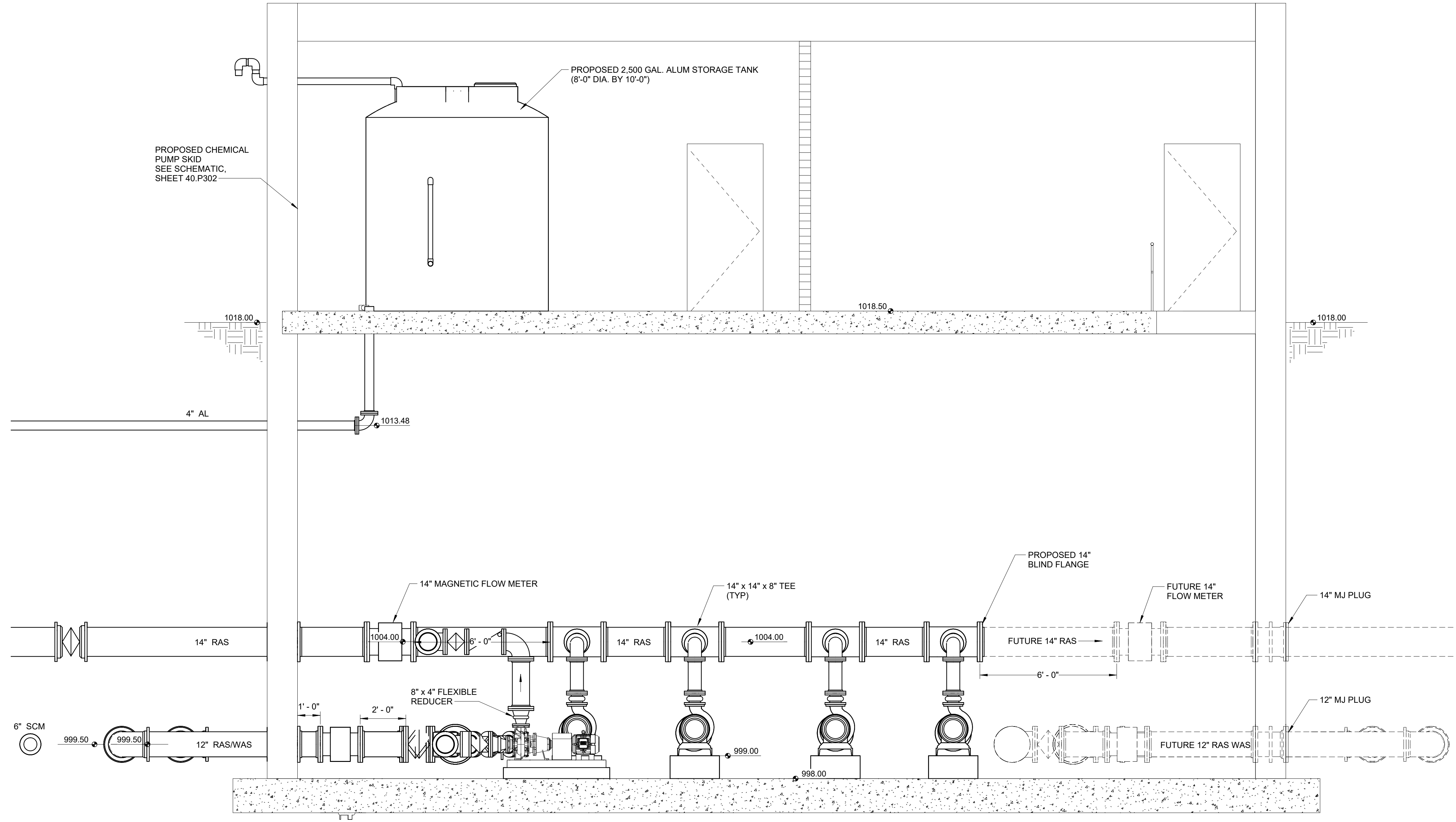
Engineers name _____ License No. _____
 Date _____

| DRAWING LOG | |
|-------------|------|
| NO. | DATE |
| 1 | |
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| 3 | |
| 4 | |

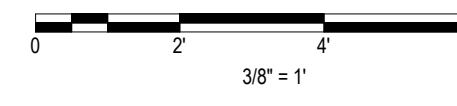
RAS/WAS BUILDING - SECTIONS
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-15-25 |
| DRAWN | JAK |
| DESIGNED | EAT |
| CHECKED | |

50D301



B SECTION
 50D100



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.

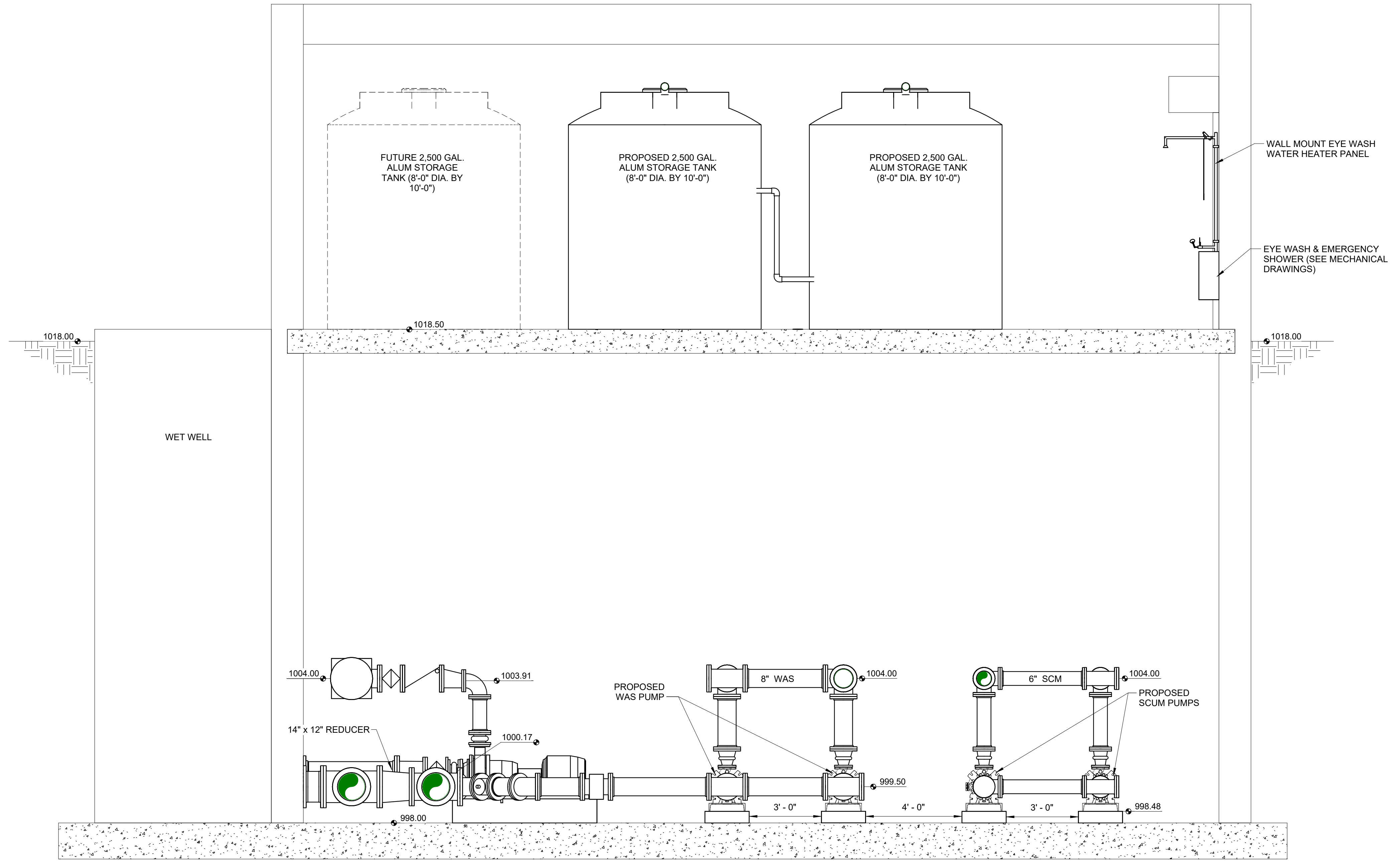
Engineers name _____ License No. _____
 Date _____

| DRAWING LOG | |
|-------------|------|
| NO. | DATE |
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| 4 | |

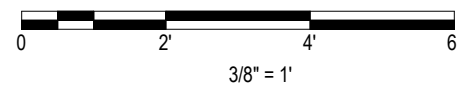
RASWAS BUILDING - SECTIONS
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-15-25 |
| DRAWN | JAK |
| DESIGNED | EAT |
| CHECKED | |

50D303



C SECTION
 50D100



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.

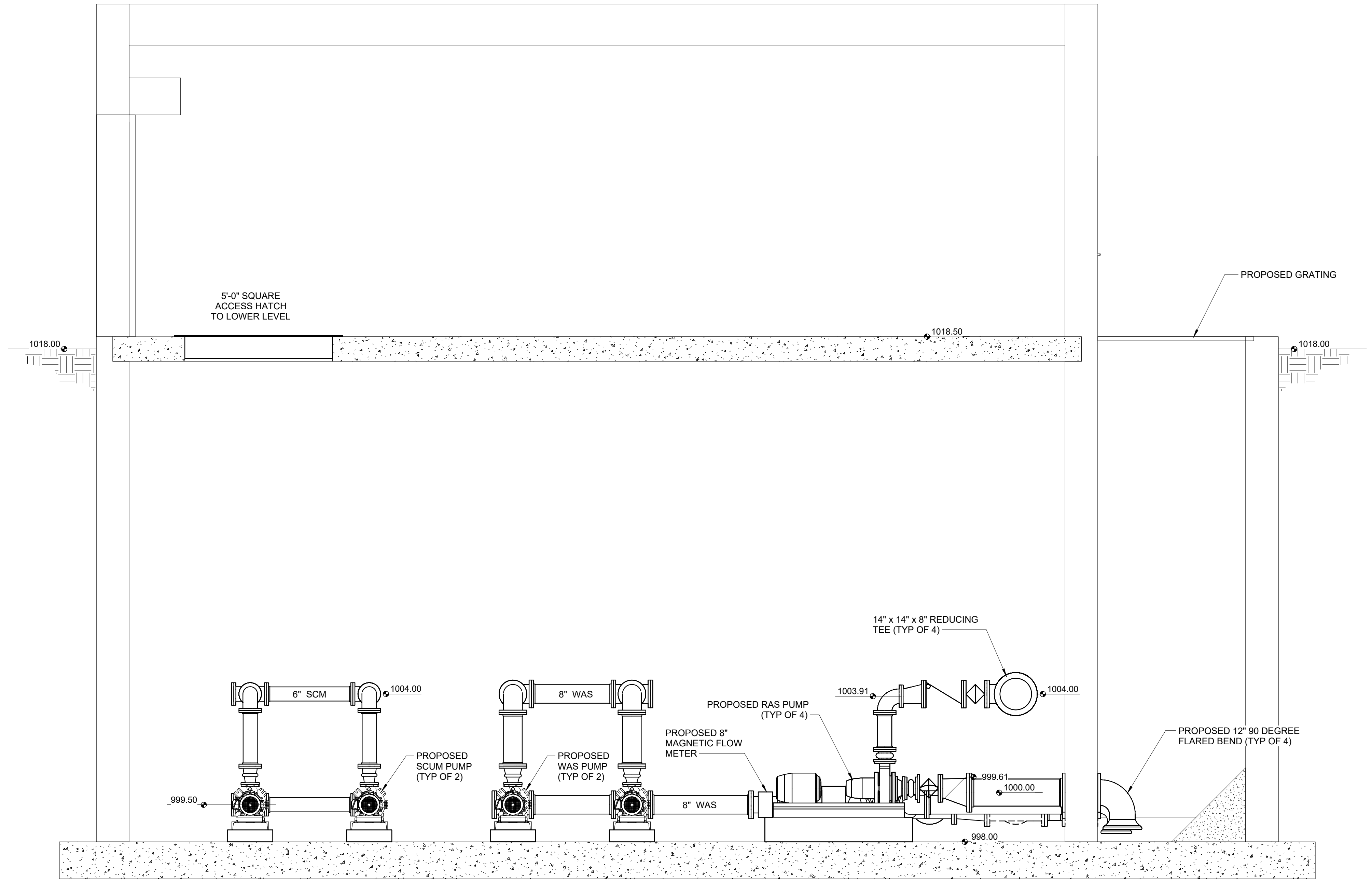
Engineers name _____ License No. _____
 Date _____

| DRAWING LOG | |
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| NO. | DATE |
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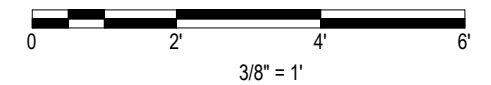
RAS/WAS BUILDING - SECTIONS
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

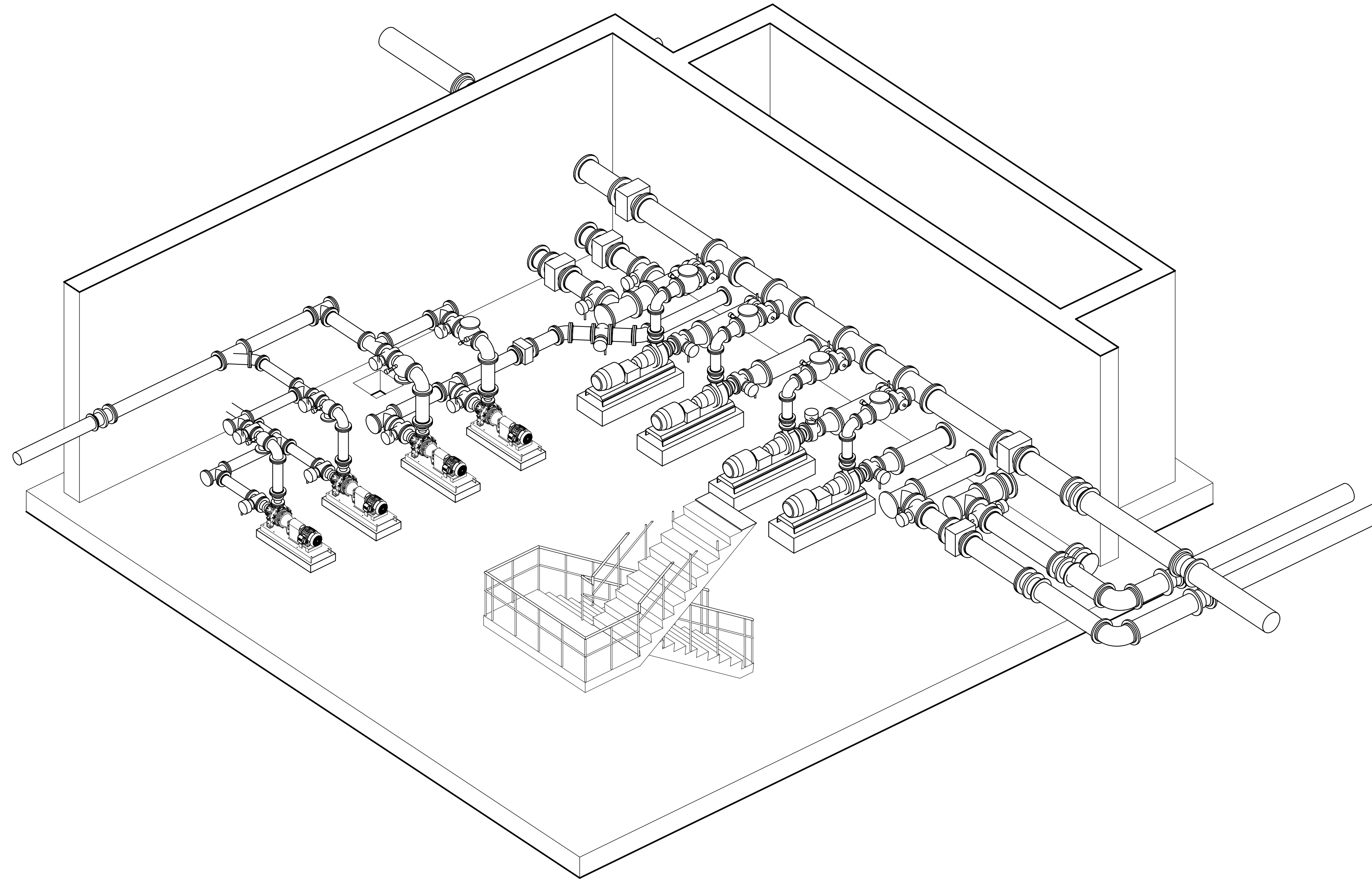
| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-15-25 |
| DRAWN | JAK |
| DESIGNED | EAT |
| CHECKED | |

50D304



D SECTION





LOWER LEVEL ORTHO VIEW



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.

Engineers name _____ License No. _____
 Date _____

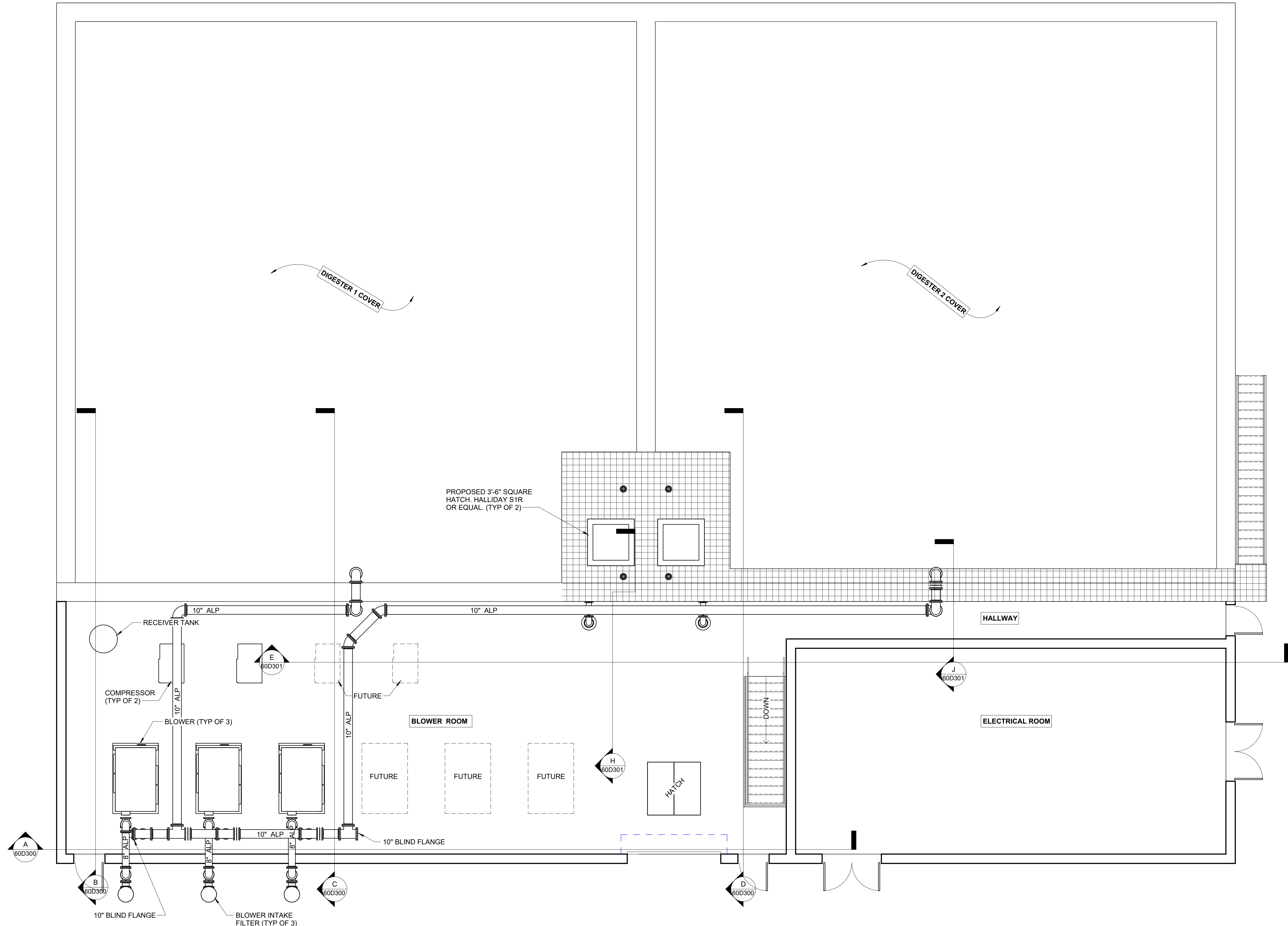
| DRAWING LOG | |
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| NO. | DATE |
| 1 | |
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RASWAS BUILDING - LOWER LEVEL ORTHO VIEW

NORTH ZUMBERO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBERO, MINNESOTA

| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-15-25 |
| DRAWN | JAK |
| DESIGNED | EAT |
| CHECKED | |

50D305



DIGESTER & SOLIDS HANDLING OVERALL - UPPER LEVEL



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.

Engineers name _____ License No. _____
 Date _____

DRAWING LOG

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |

DIGESTION & SOLIDS HANDLING - PLAN VIEW - OVERALL UPPER LEVEL

NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

60D100

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.

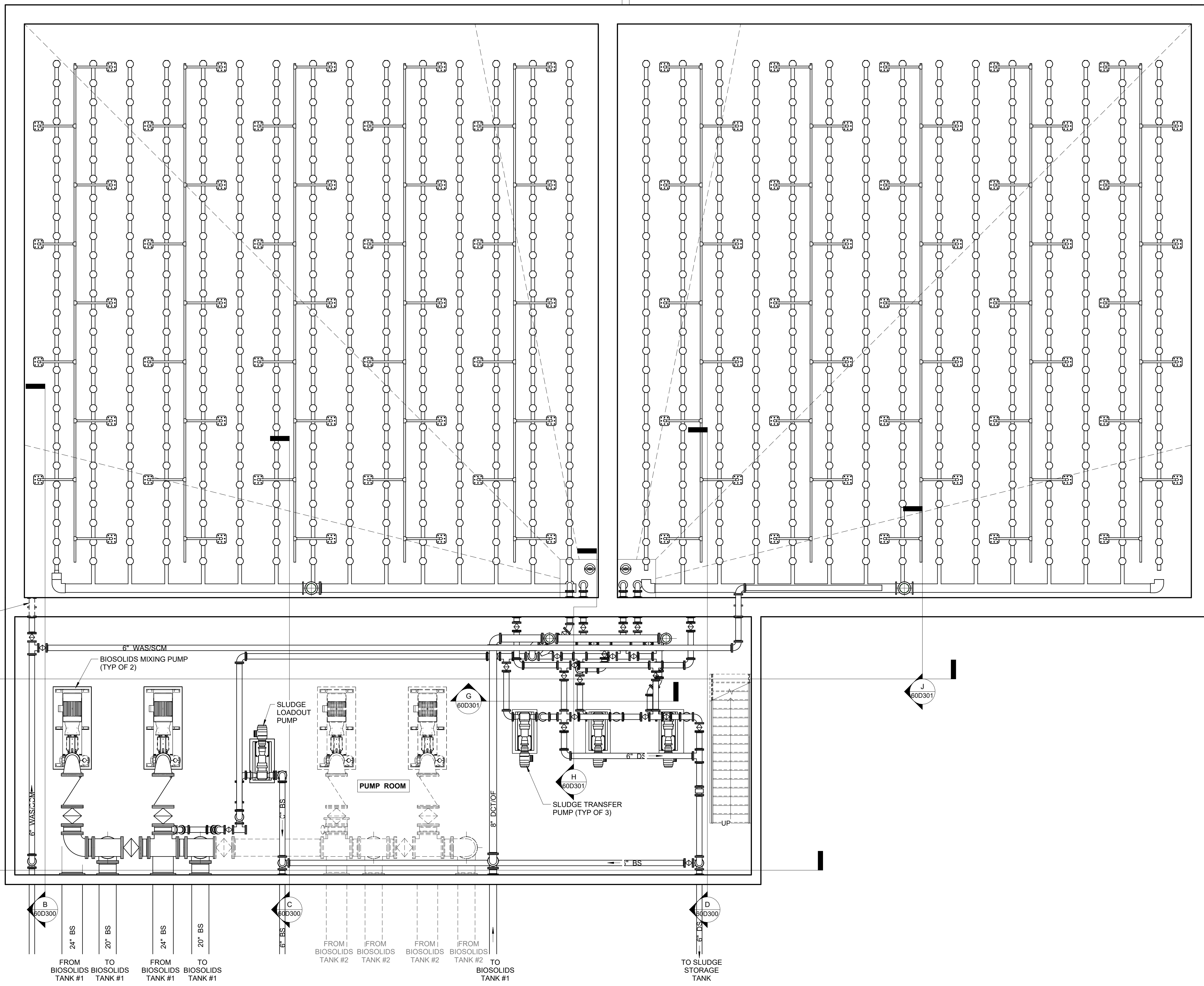
Engineers name _____ License No. _____
 Date _____

| DRAWING LOG | |
|-------------|-------------|
| NO. | DESCRIPTION |
| 1 | DATE |
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| 4 | |

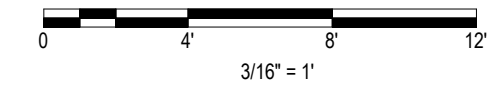
DIGESTION & SOLIDS HANDLING - PLAN VIEW - OVERALL LOWER LEVEL
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

60D101



DIGESTER & SOLIDS HANDLING OVERALL - LOWER LEVEL



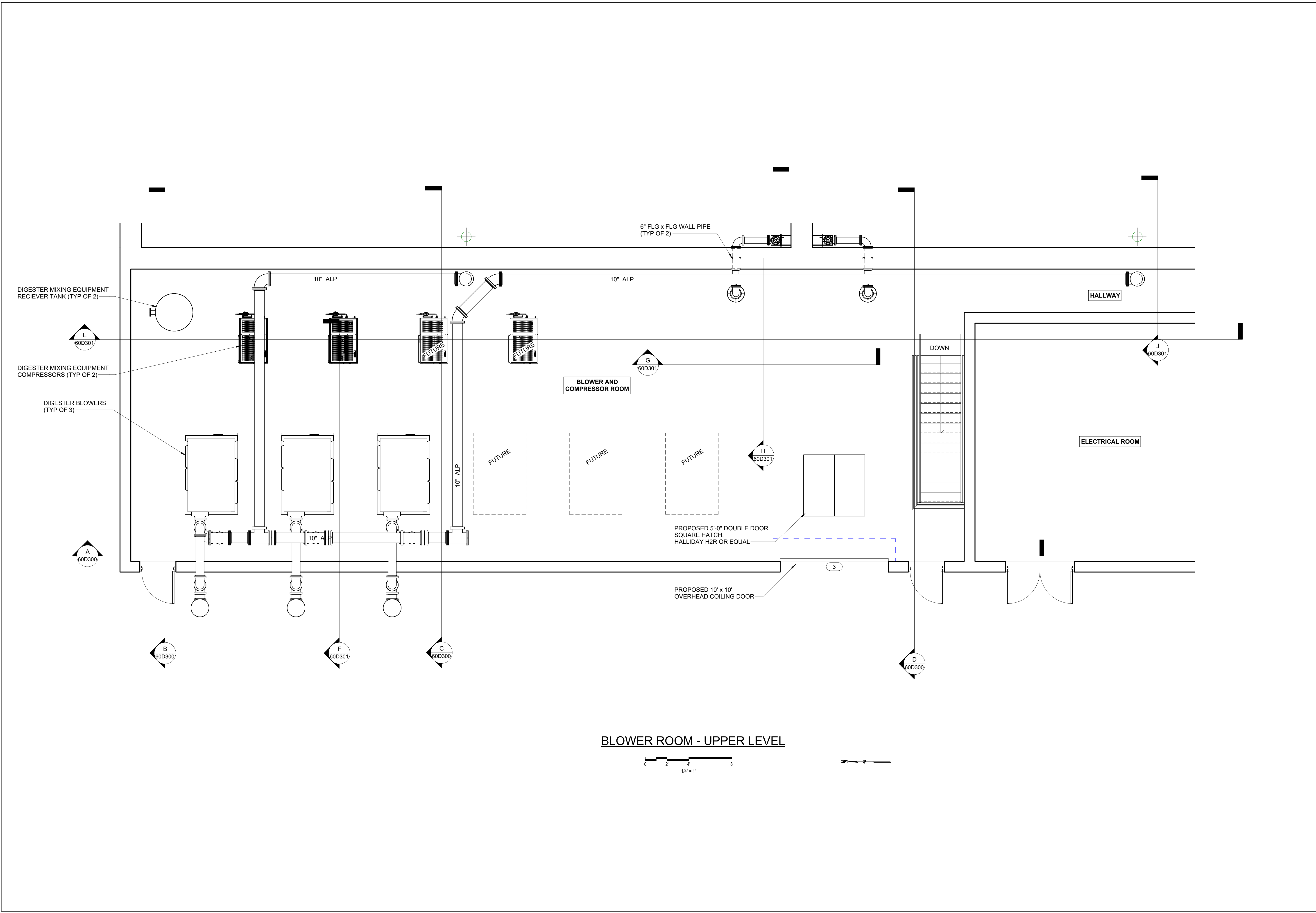
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Engineers name _____ License No. _____
Date _____

| DRAWING LOG | |
|-------------|------|
| NO. | DATE |
| 1 | |
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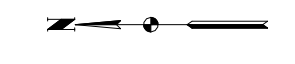
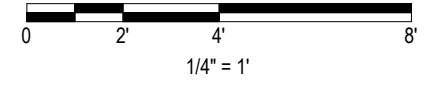
DIGESTION & SOLIDS HANDLING - PLAN VIEW - BLOWER ROOM
NORTH ZUMBRO SANITARY SEWER DISTRICT
NEW WASTEWATER TREATMENT PLANT
ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

60D102

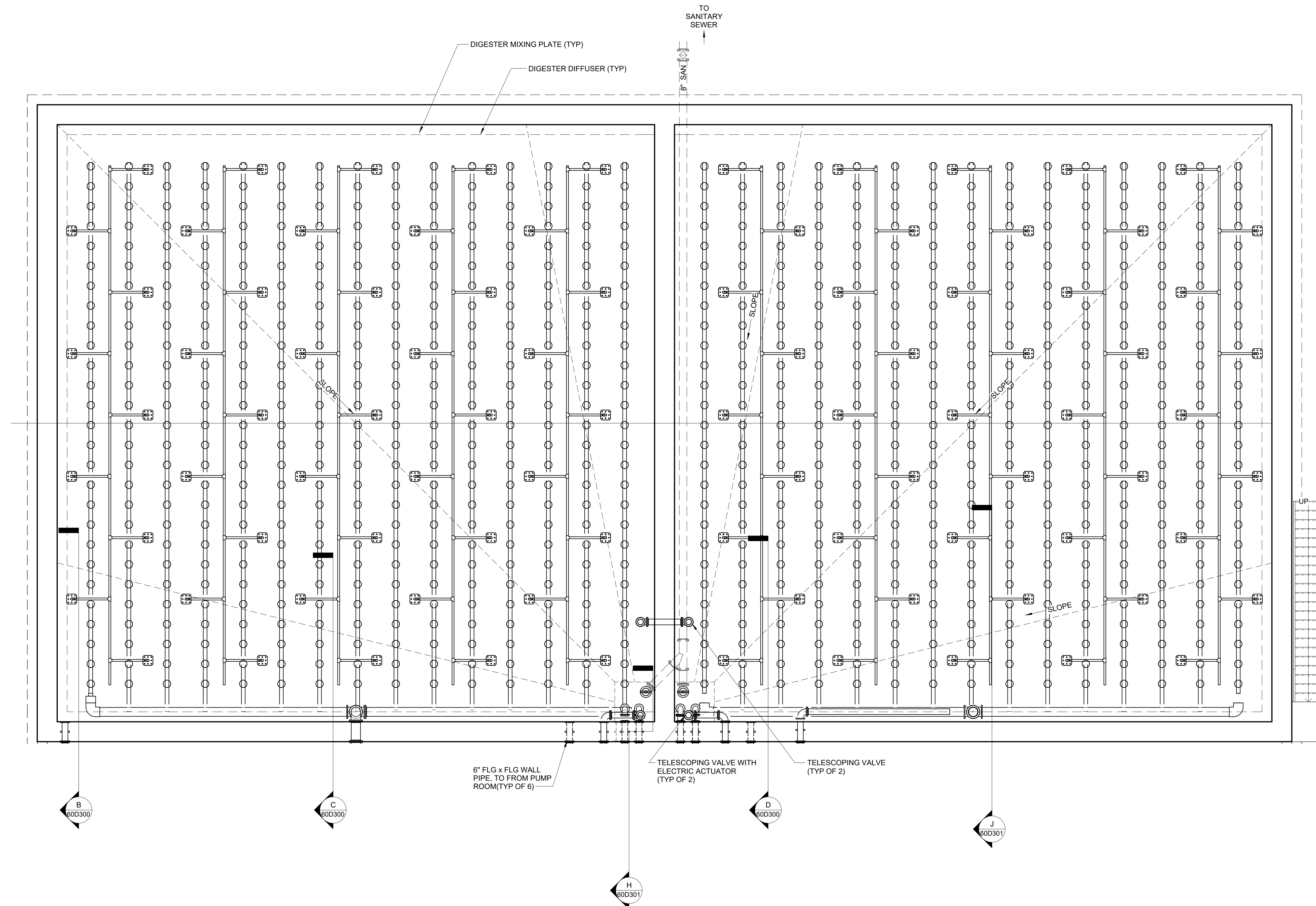


BLOWER ROOM - UPPER LEVEL

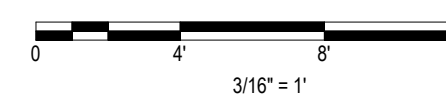


SHEET NOTES:

1. TYPICAL DETAILS SHOWN. AERATION AND MIXING EQUIPMENT AND DETAIL MAY VARY. SEE SECTION 46 73 21



DIGESTER & SOLIDS HANDLING OVERALL - LOWER LEVEL



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.

Engineers name _____ License No. _____
 Date _____

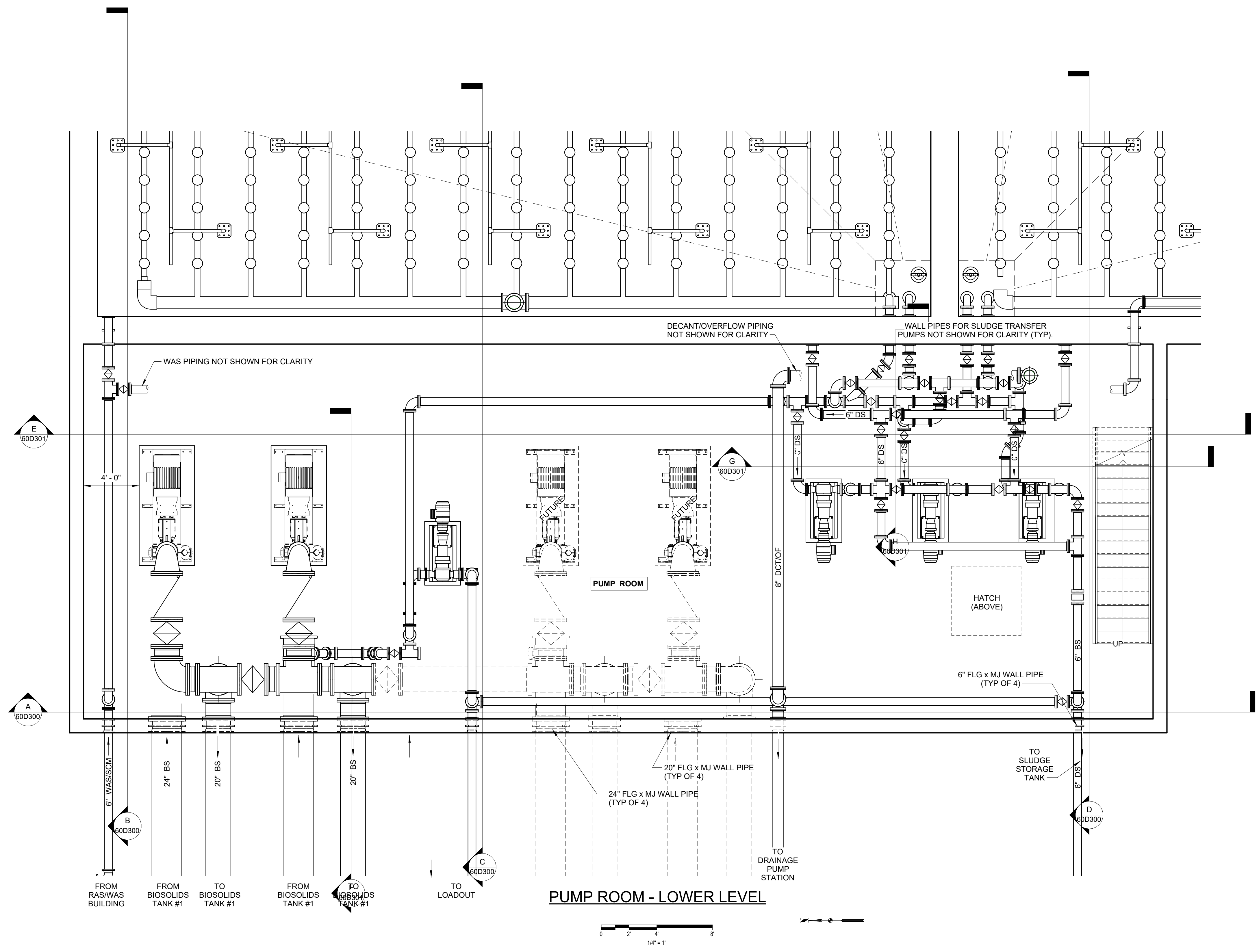
| DRAWING LOG | |
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| NO. | DATE |
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DIGESTION & SOLIDS HANDLING - PLAN VIEW - OVERALL
LOWER LEVEL Copy 1

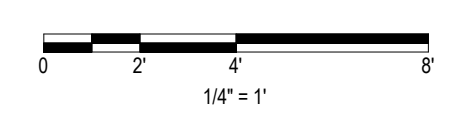
NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

60D103



PUMP ROOM - LOWER LEVEL



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.

Engineers name _____ License No. _____
 Date _____

DRAWING LOG

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| 1 | | |
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| 3 | | |
| 4 | | |

DIGESTION & SOLIDS HANDLING - PLAN VIEW - PUMP ROOM

NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

60D104

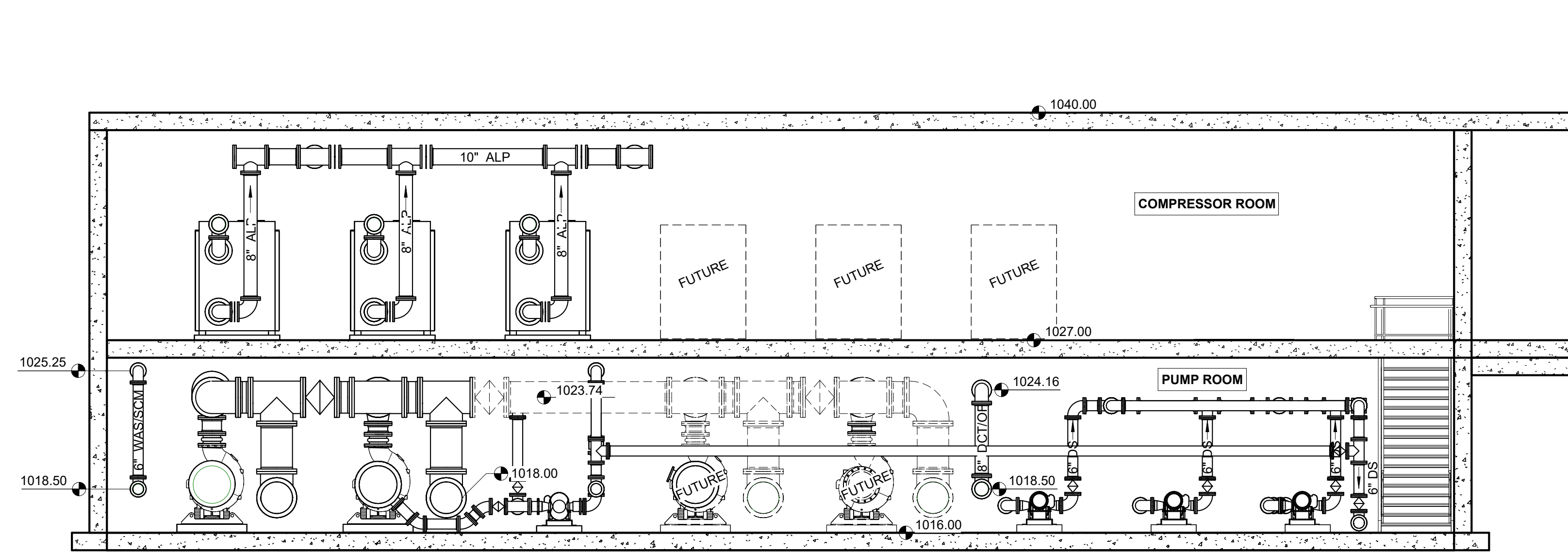
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Engineers name _____ License No. _____
Date _____

DRAWING LOG

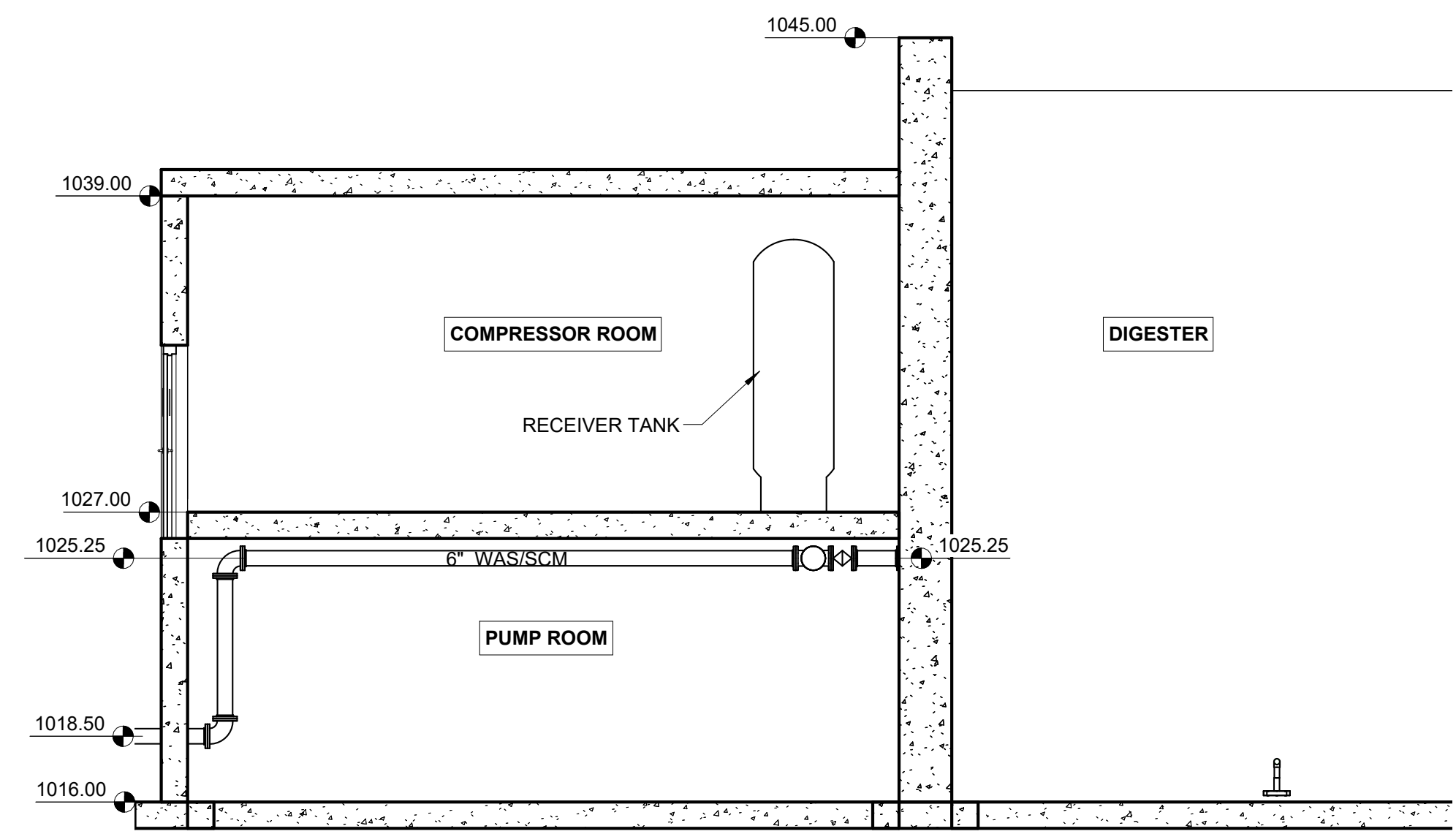
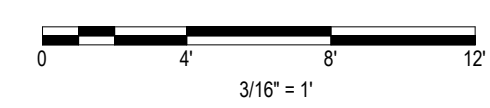
| NO. | DESCRIPTION | DATE |
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DIGESTION & SOLIDS HANDLING - SECTIONS
NORTH ZUMBRO SANITARY SEWER DISTRICT
NEW WASTEWATER TREATMENT PLANT
ZUMBROTA, MINNESOTA

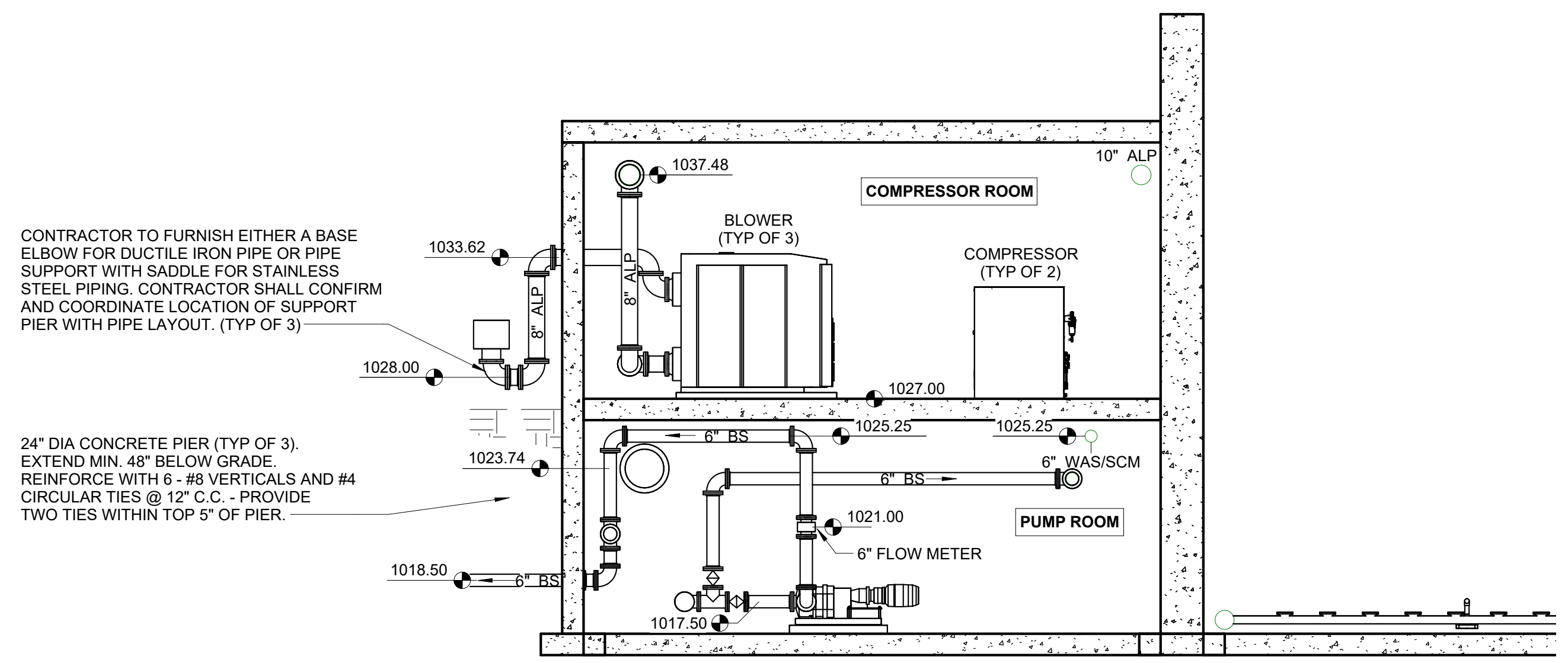
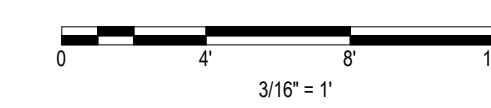
| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |



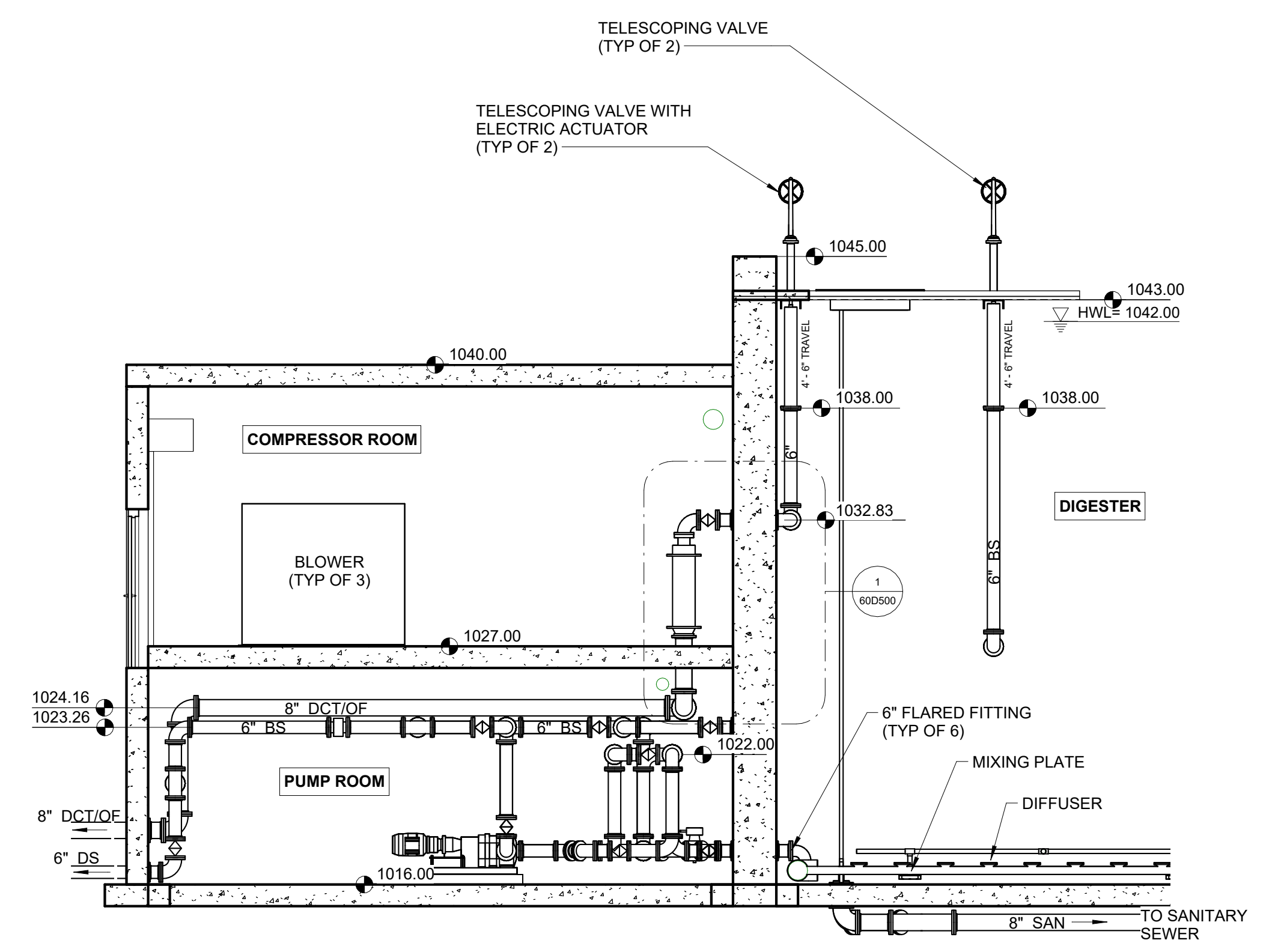
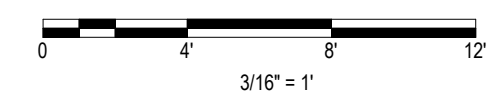
A SECTION
60D100



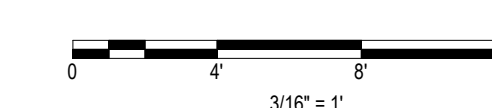
B SECTION
60D100



C SECTION
60D100

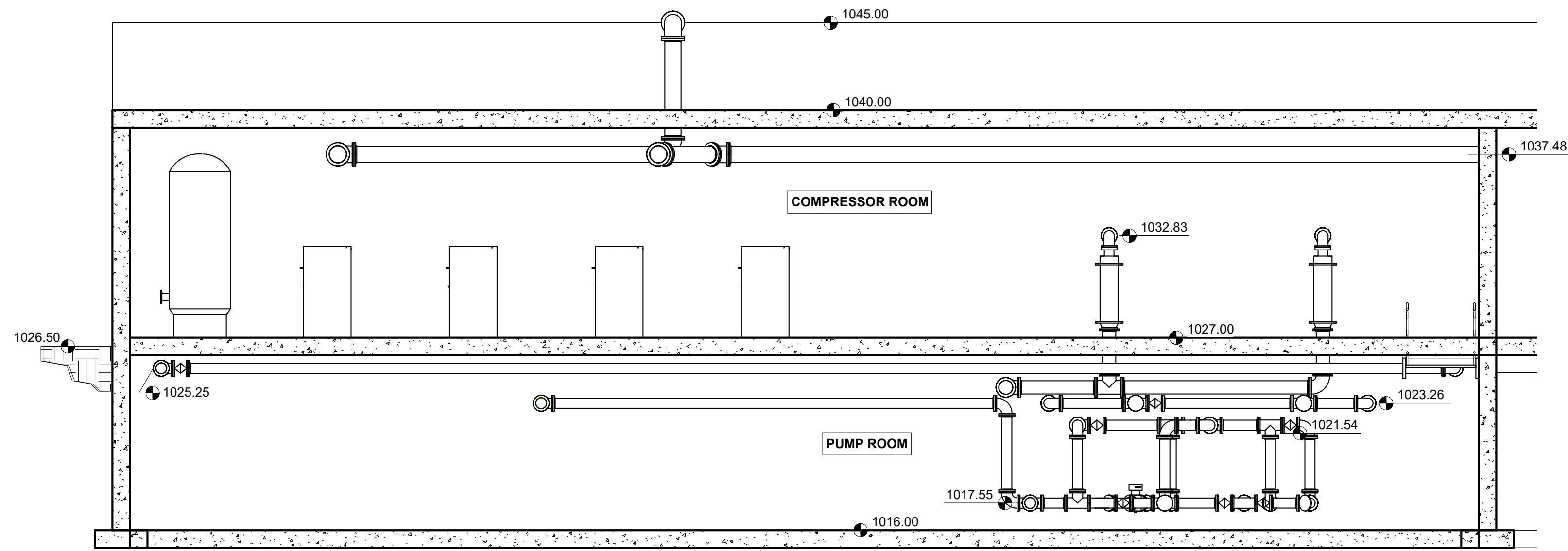


D SECTION
60D100

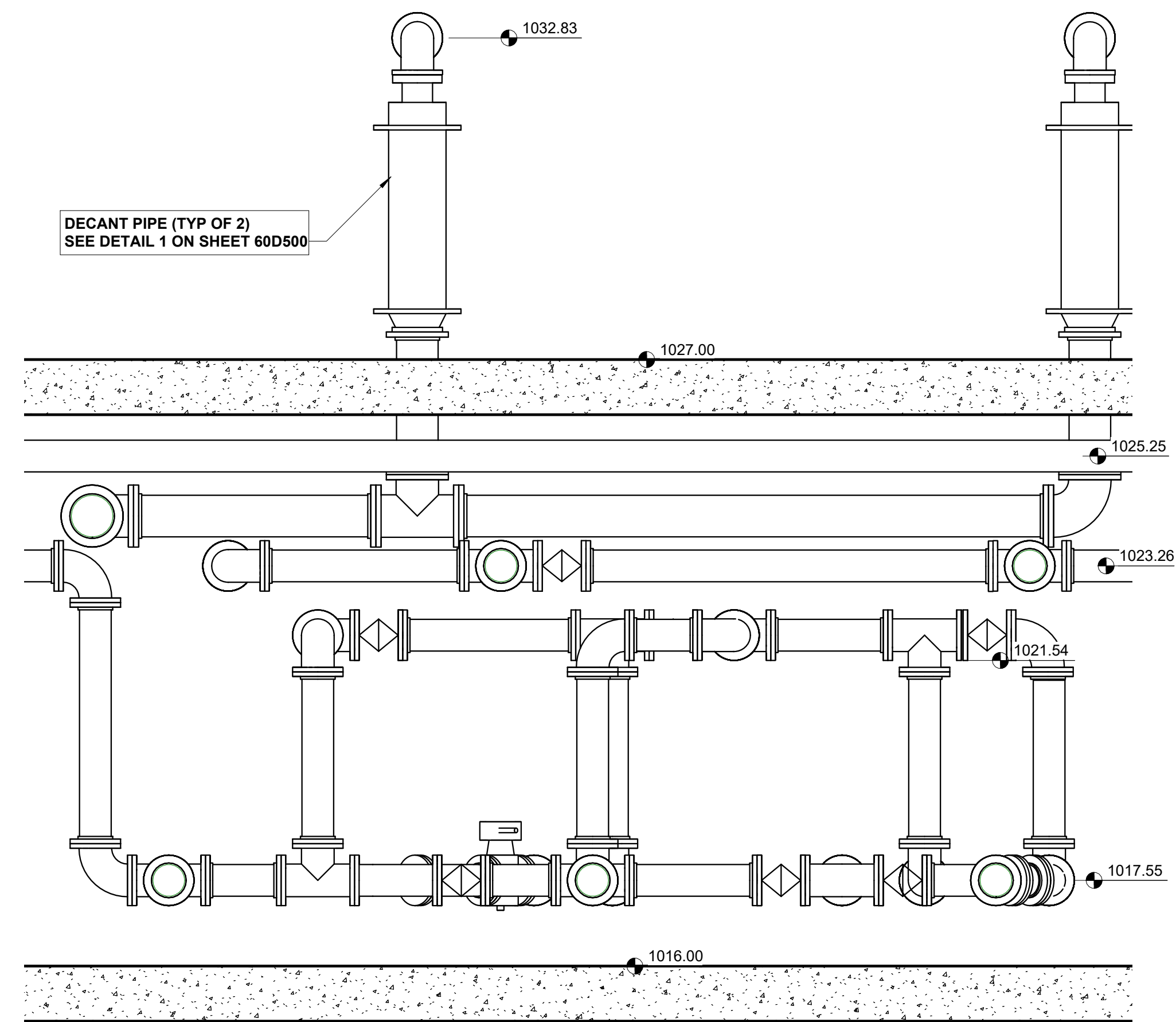
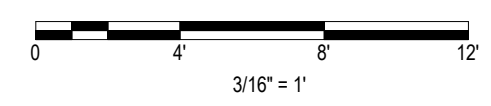


CONTRACTOR TO FURNISH EITHER A BASE ELBOW FOR DUCTILE IRON PIPE OR PIPE SUPPORT WITH SADDLE FOR STAINLESS STEEL PIPING. CONTRACTOR SHALL CONFIRM AND COORDINATE LOCATION OF SUPPORT PIER WITH PIPE LAYOUT. (TYP OF 3)

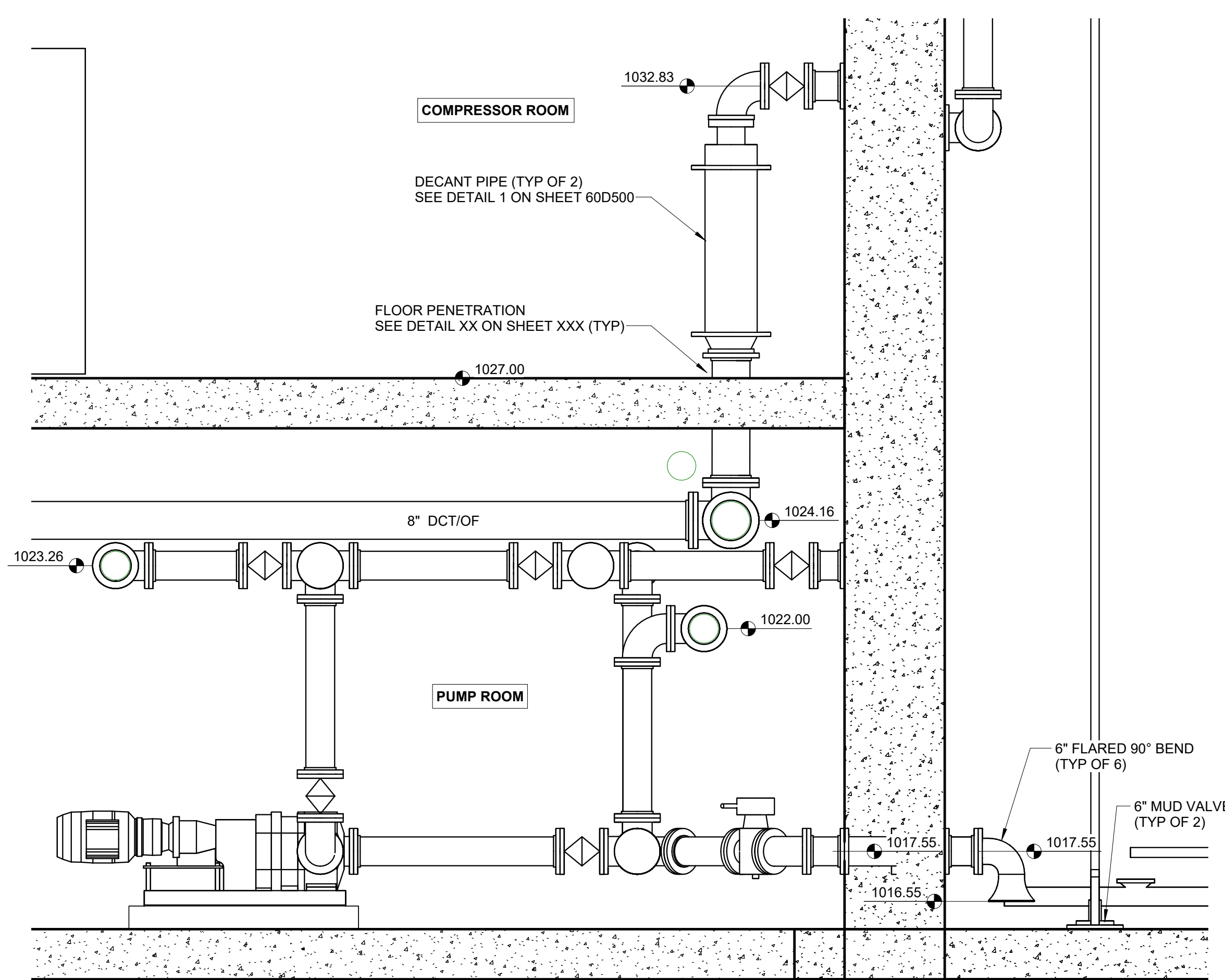
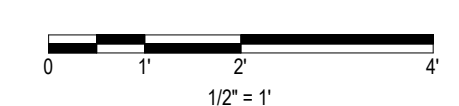
24" DIA CONCRETE PIER (TYP OF 3). EXTEND MIN. 48" BELOW GRADE. REINFORCE WITH 6 - #8 VERTICALS AND #4 CIRCULAR TIES @ 12" C.C. - PROVIDE TWO TIES WITHIN TOP 5" OF PIER.



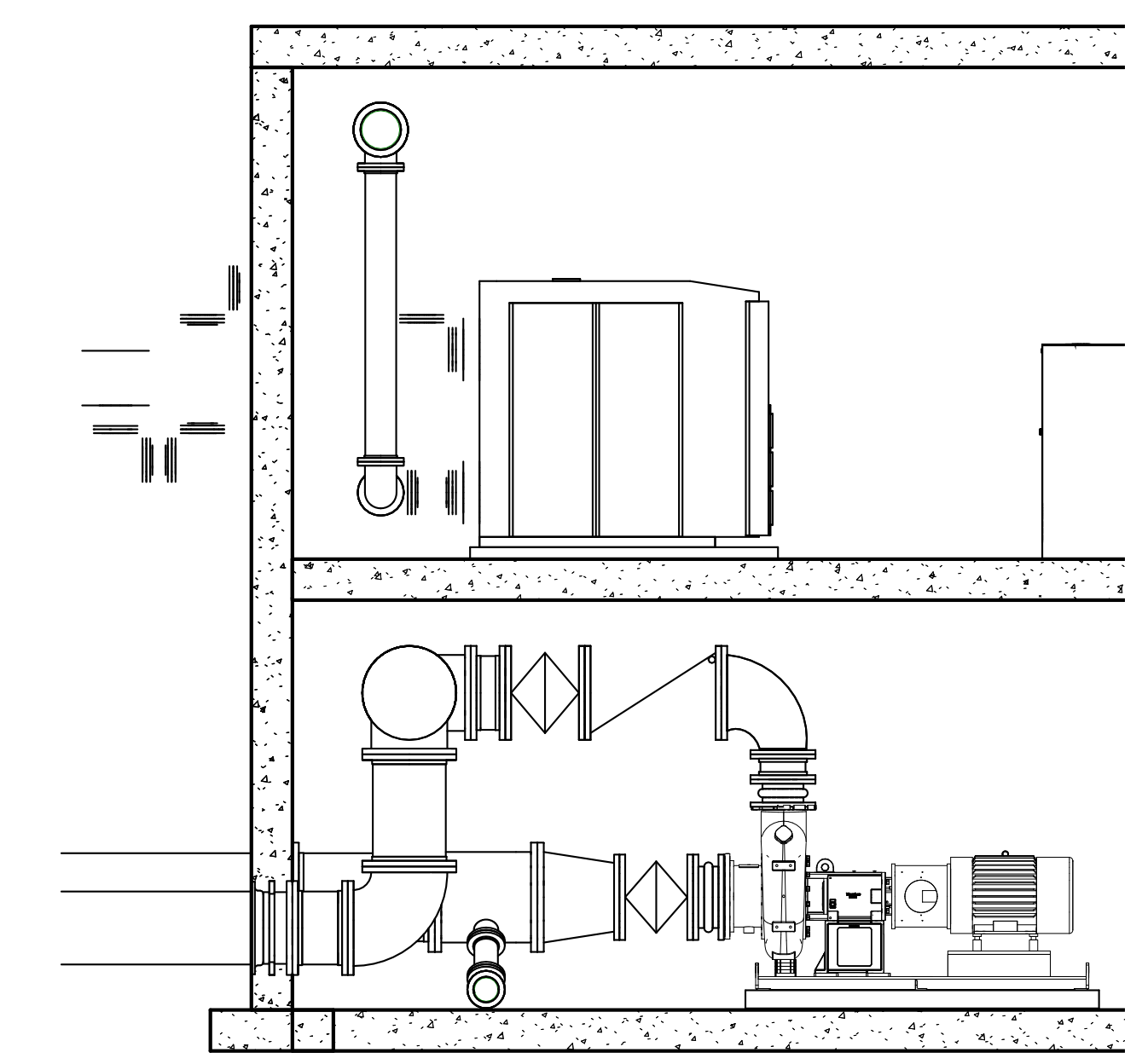
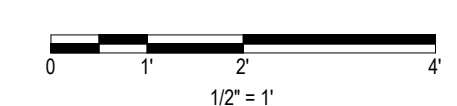
E SECTION
60D100



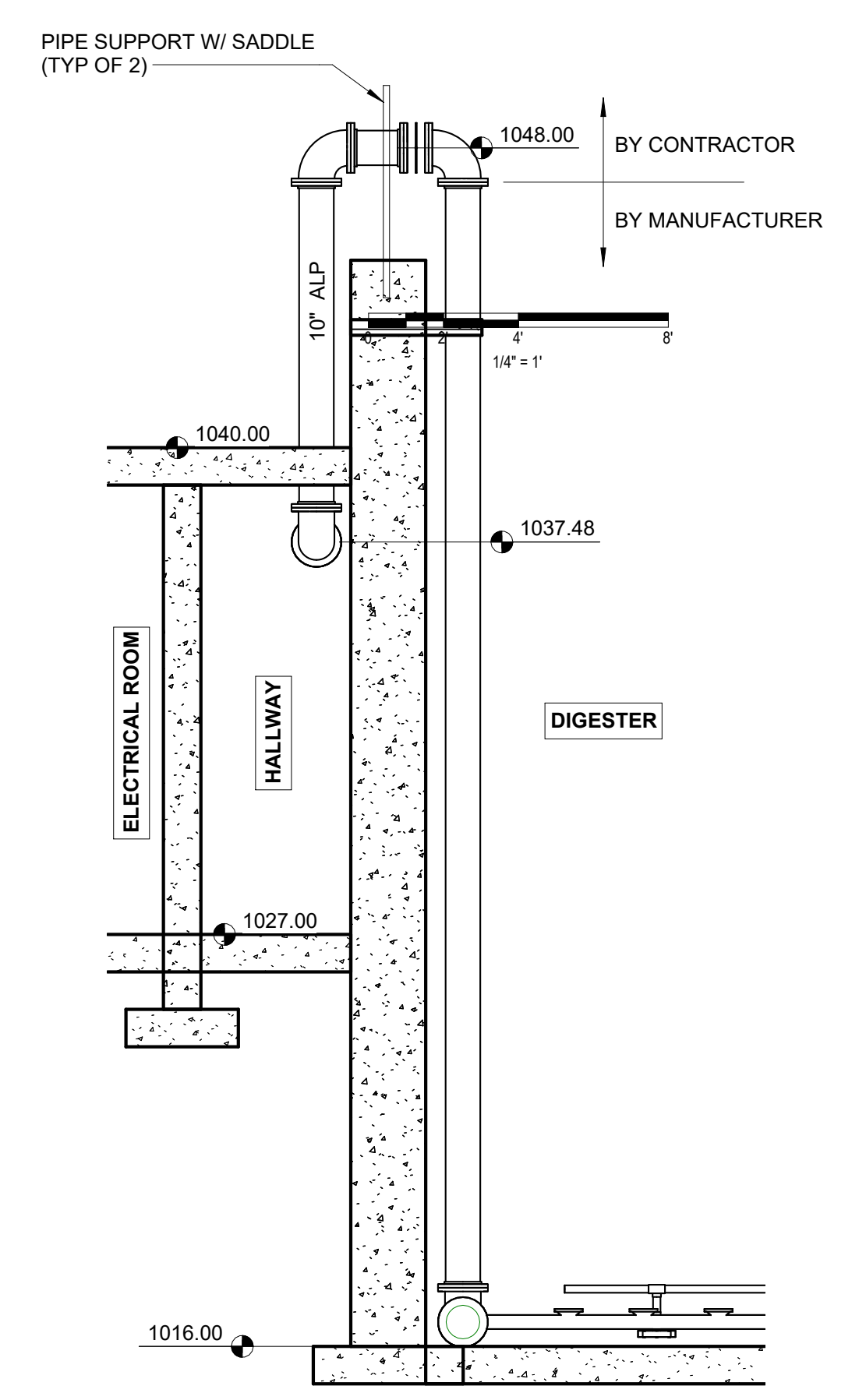
G SECTION
60D101



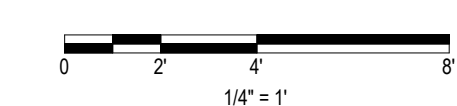
H SECTION
60D100



F SECTION
60D102



J SECTION
60D100



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.
 Engineers name _____ License No. _____
 Date _____

DRAWING LOG

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| 1 | | |
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| 4 | | |

DIGESTION & SOLIDS HANDLING - SECTIONS
 NORTH ZUMBERO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBERO, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

60D301

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.
 Engineers name _____ License No. _____
 Date _____

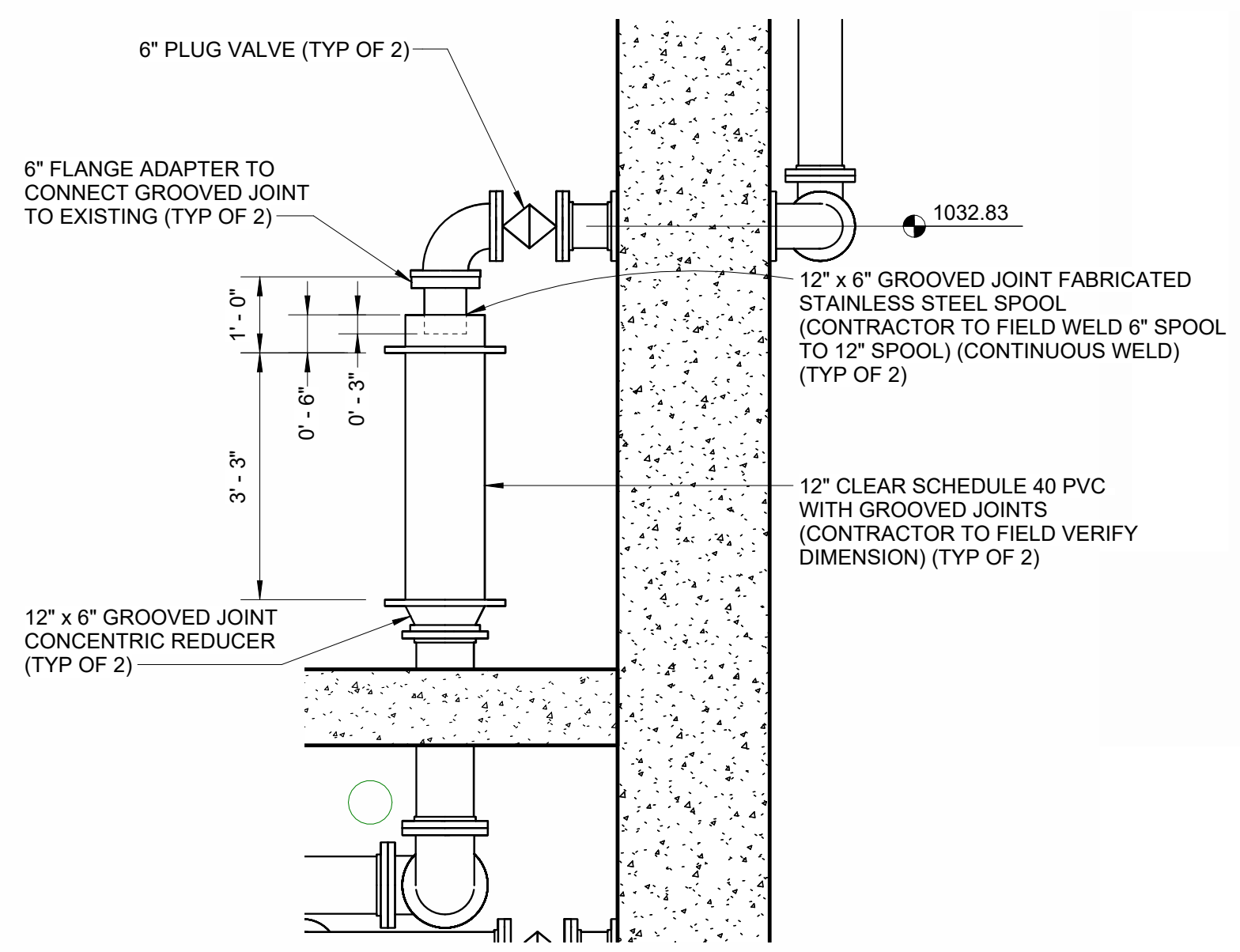
DRAWING LOG

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| 1 | | |
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| 4 | | |

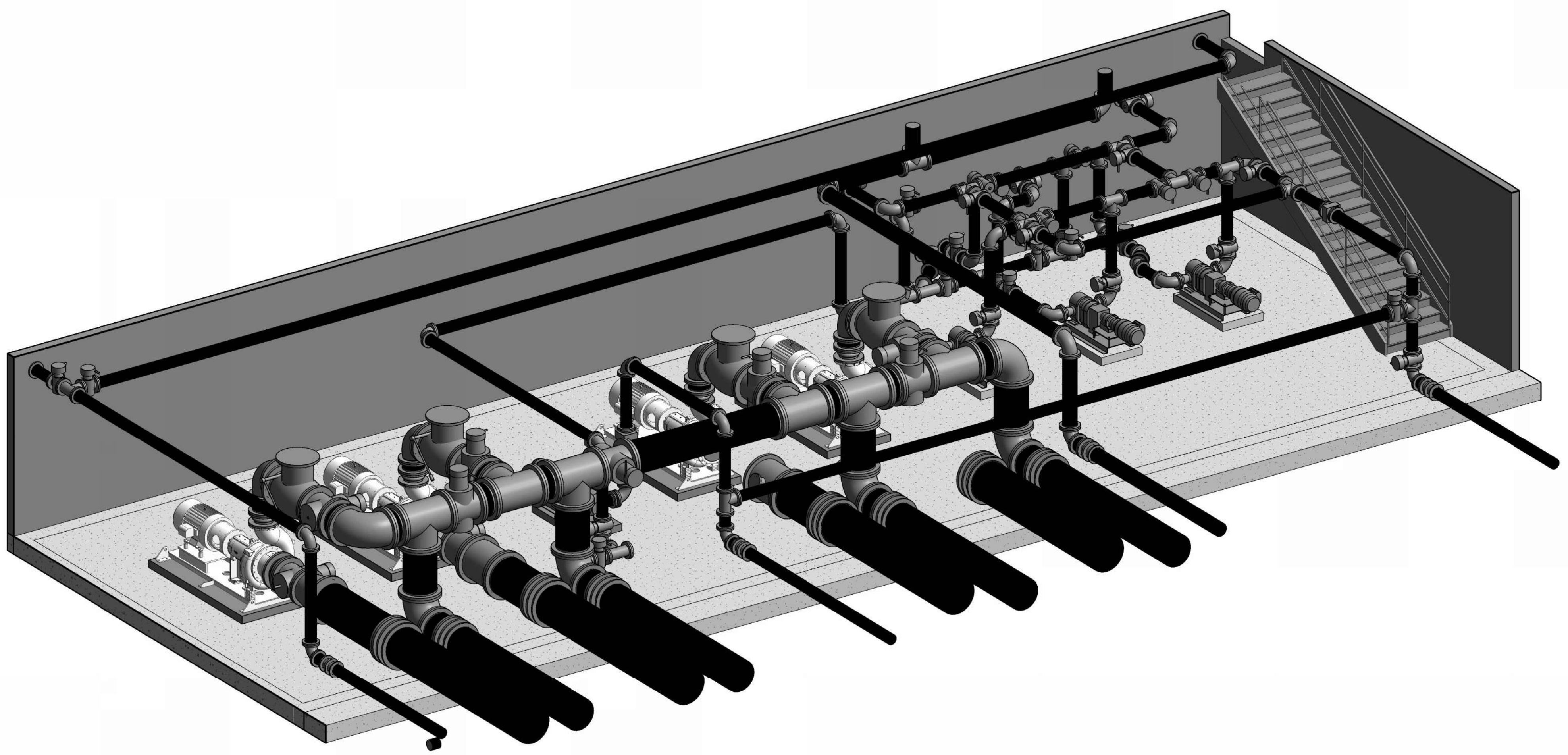
DETAILS
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|----------|
| PROJECT NO. | 9870 |
| DATE | 06-02-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

NOTE:
 CONTRACTOR TO PROVIDE (2) SPARE CLEAR PIPE DECANT DROP ASSEMBLIES TO OWNER.

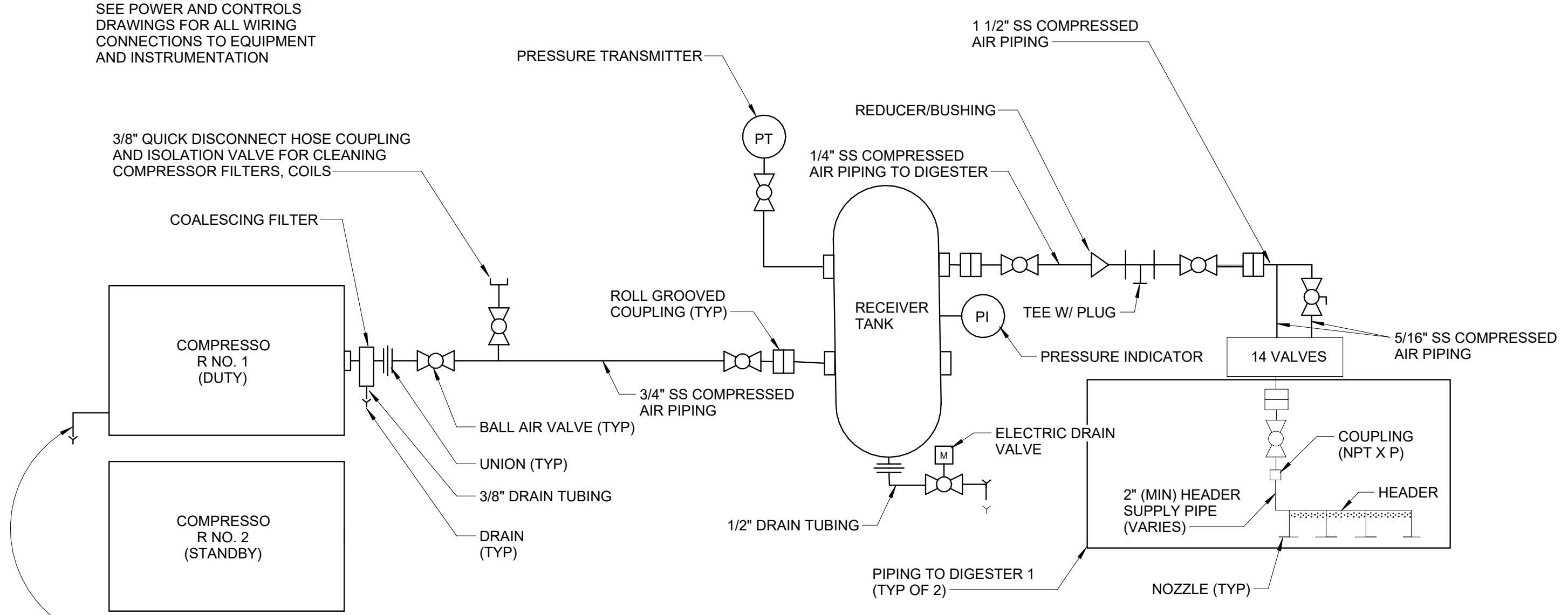


1 CLEAR PIPE DECANT DROP ASSEMBLY DETAIL
 1/2" = 1'-0"



2 LOWER LEVEL PUMP ROOM ISO VIEW

NOTE:
 SEE POWER AND CONTROLS DRAWINGS FOR ALL WIRING CONNECTIONS TO EQUIPMENT AND INSTRUMENTATION



(2) 5/16" OD TUBE;
 ROUTE EACH AUTOMATIC DRAIN OUTLET SEPARATELY TO DISCHARGE LOCATION USING NYLON/POLYETHYLENE PRESSURE RATED TUBING

3 DIGESTER SCHEMATIC
 NOT TO SCALE

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.

Engineers name _____ License No. _____
 Date _____

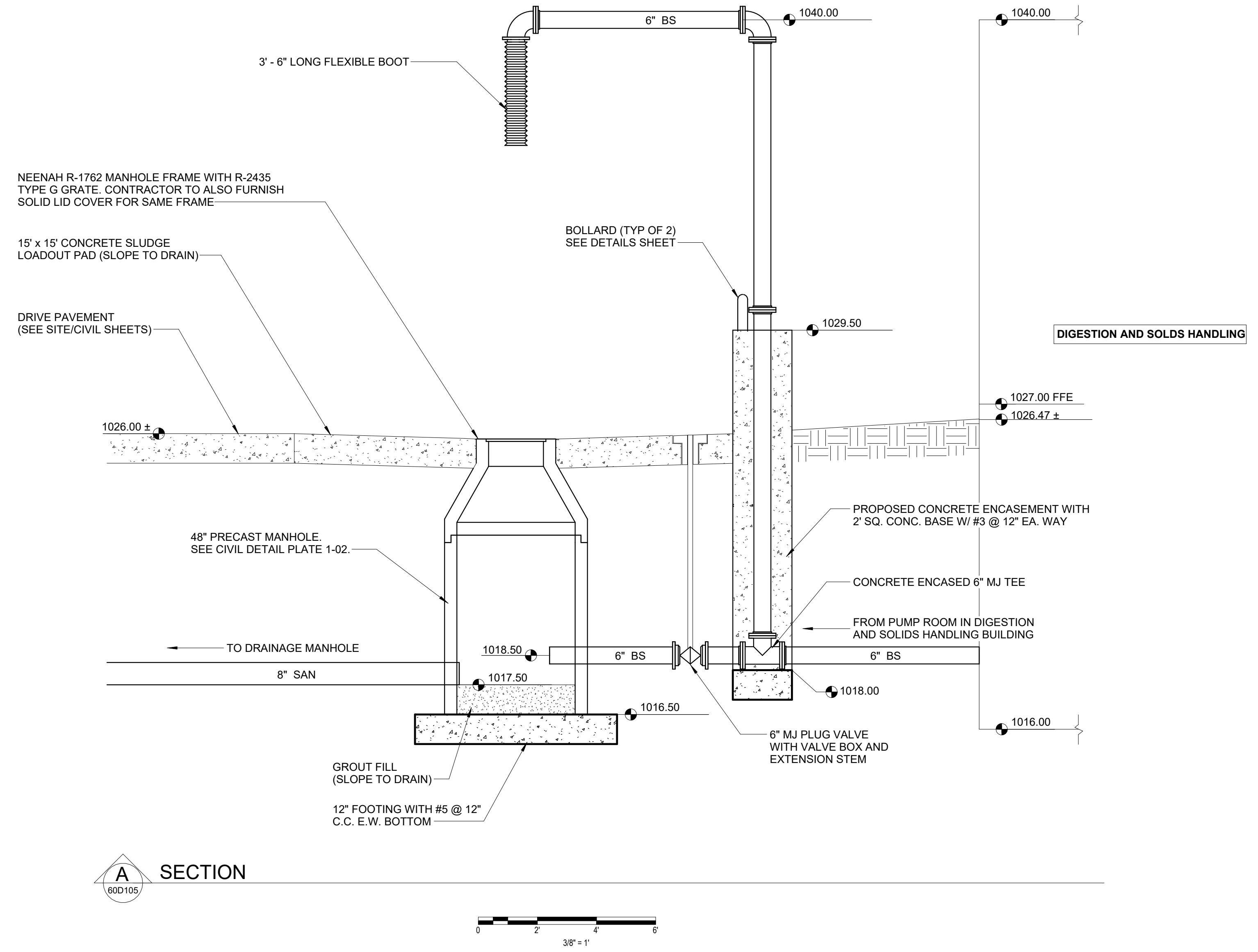
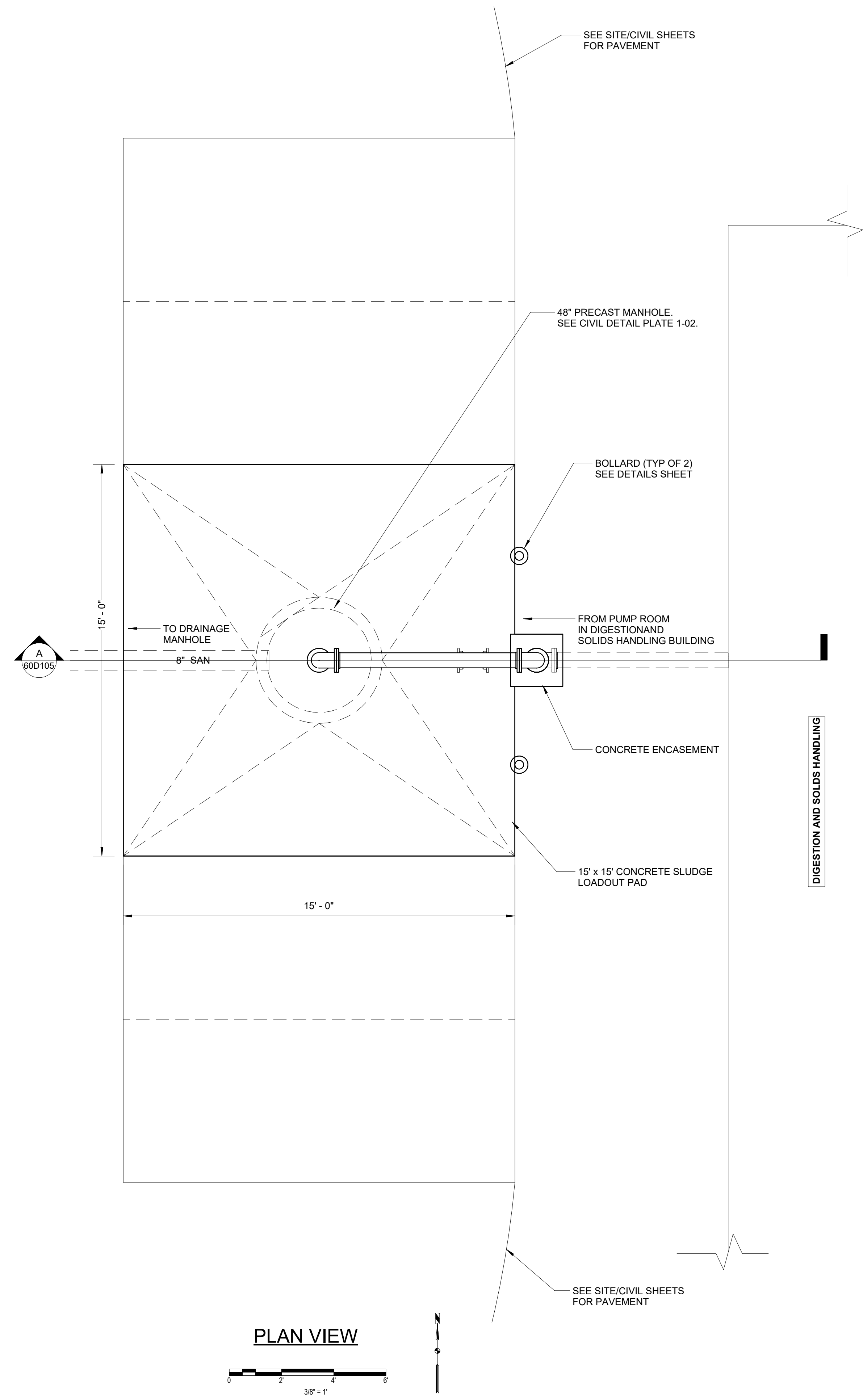
| DRAWING LOG | |
|-------------|------|
| NO. | DATE |
| 1 | |
| 2 | |
| 3 | |
| 4 | |

BIOSOLIDS LOADOUT - PLAN AND SECTION

NORTH ZUMBERO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBERO, MINNESOTA

| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-29-25 |
| DRAWN | JAK |
| DESIGNED | JDC |
| CHECKED | |

60D105

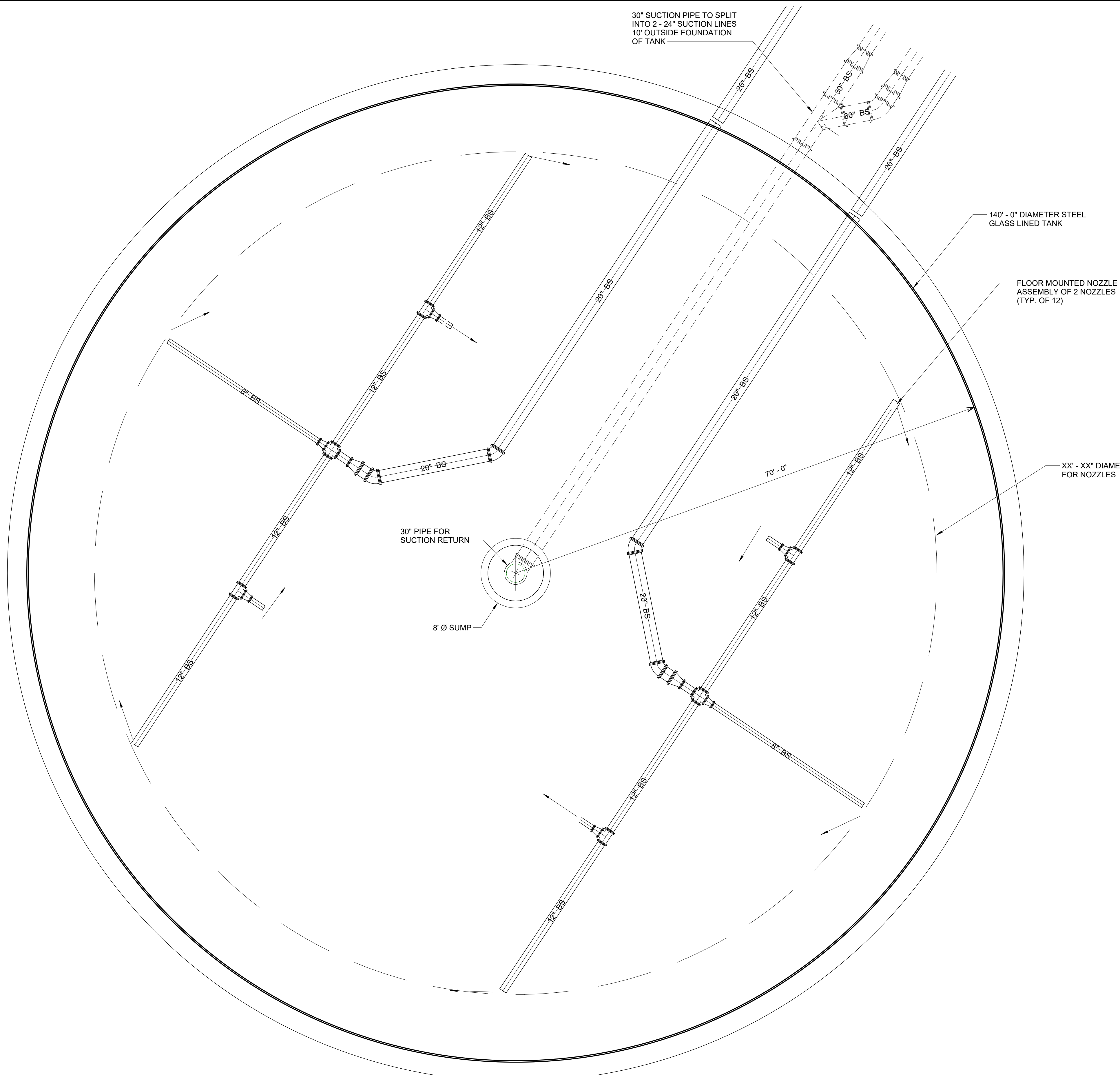


PLAN VIEW

0 2 4 6
3/8" = 1'

SECTION A

0 2 4 6
3/8" = 1'



- SHEET NOTES:**
- ARROWS ON MIXING ASSEMBLIES REPRESENT DISCHARGE DIRECTION OF NOZZLE(S).
 - NOZZLE ANGLES TO BE POSITIONED IN FIELD BY MANUFACTURER'S REPRESENTATIVE.



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.

Engineers name _____ License No. _____
 Date _____

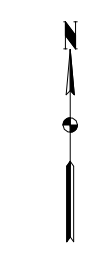
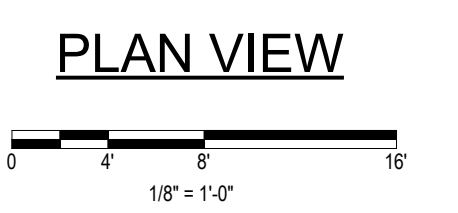
DRAWING LOG

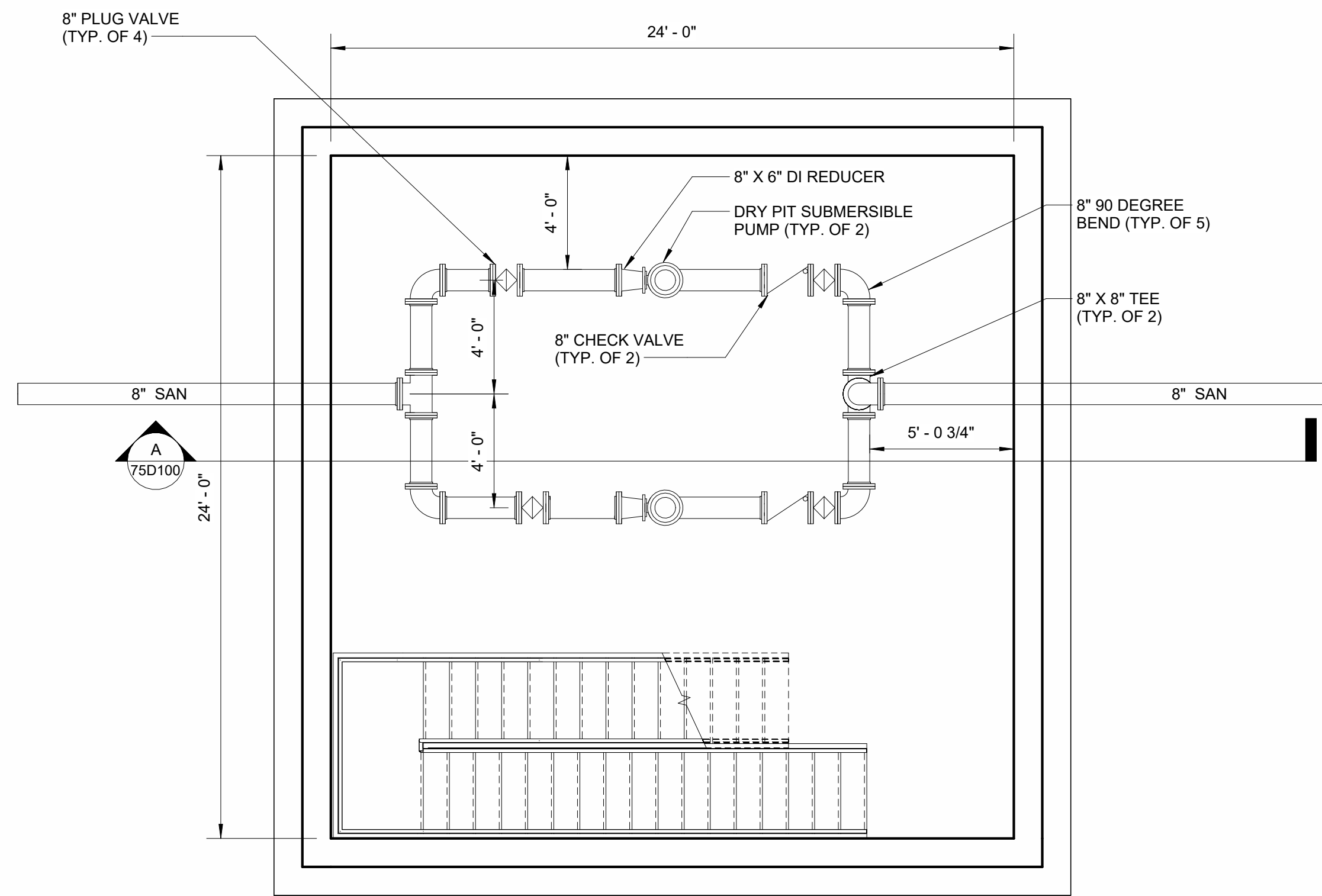
| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |

BIOSOLIDS STORAGE TANKS
 NORTH ZUMBERO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBEROTA, MINNESOTA

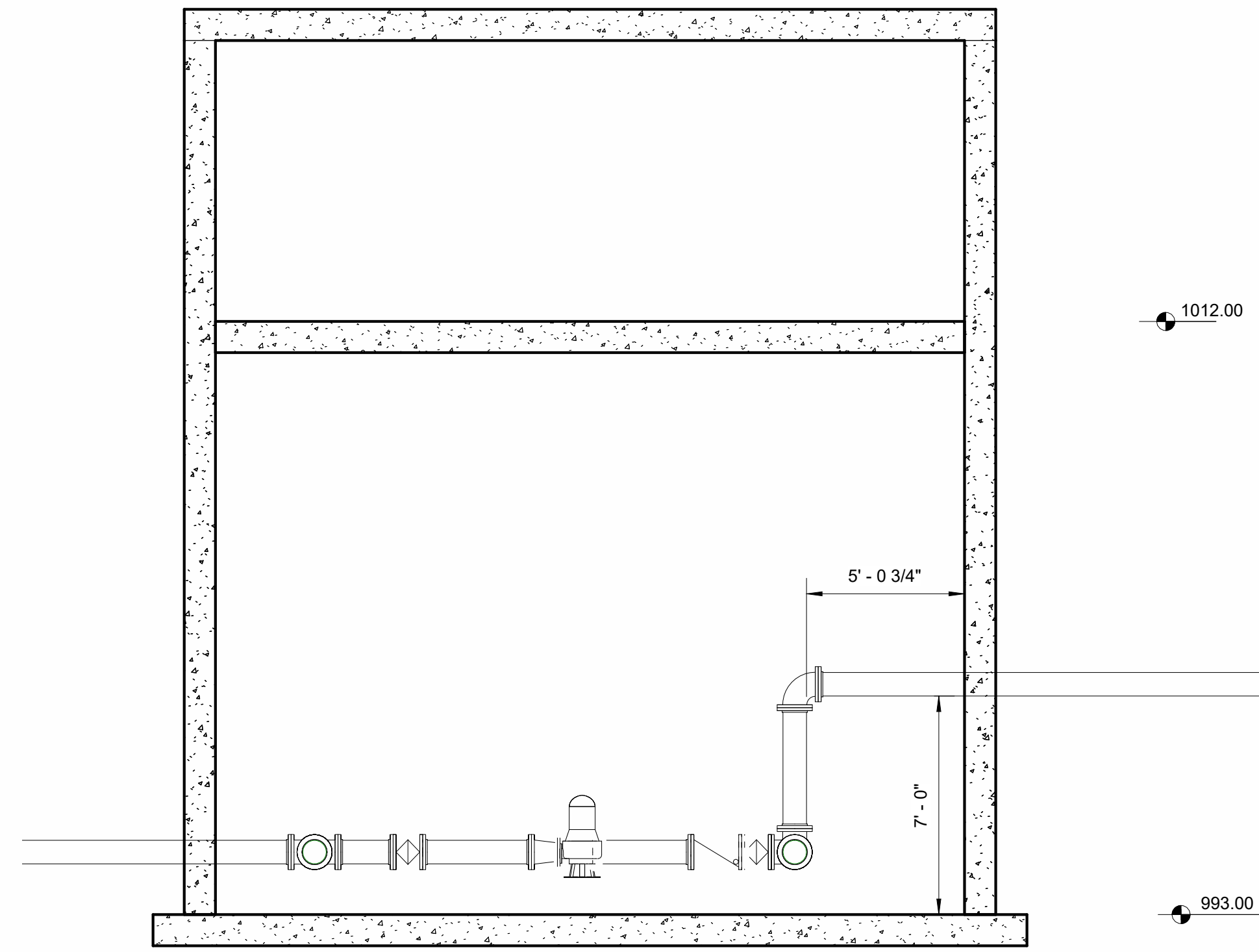
| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-29-25 |
| DRAWN | JAK |
| DESIGNED | JDC |
| CHECKED | |

65D100

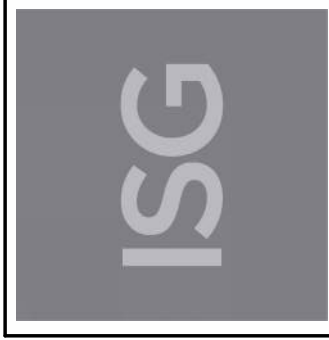
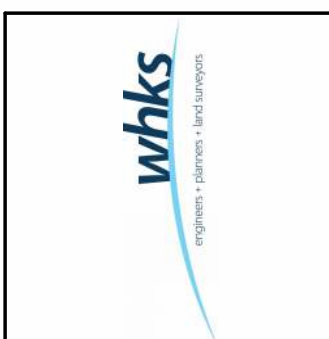
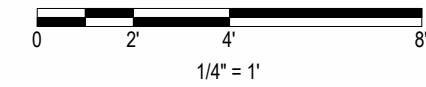
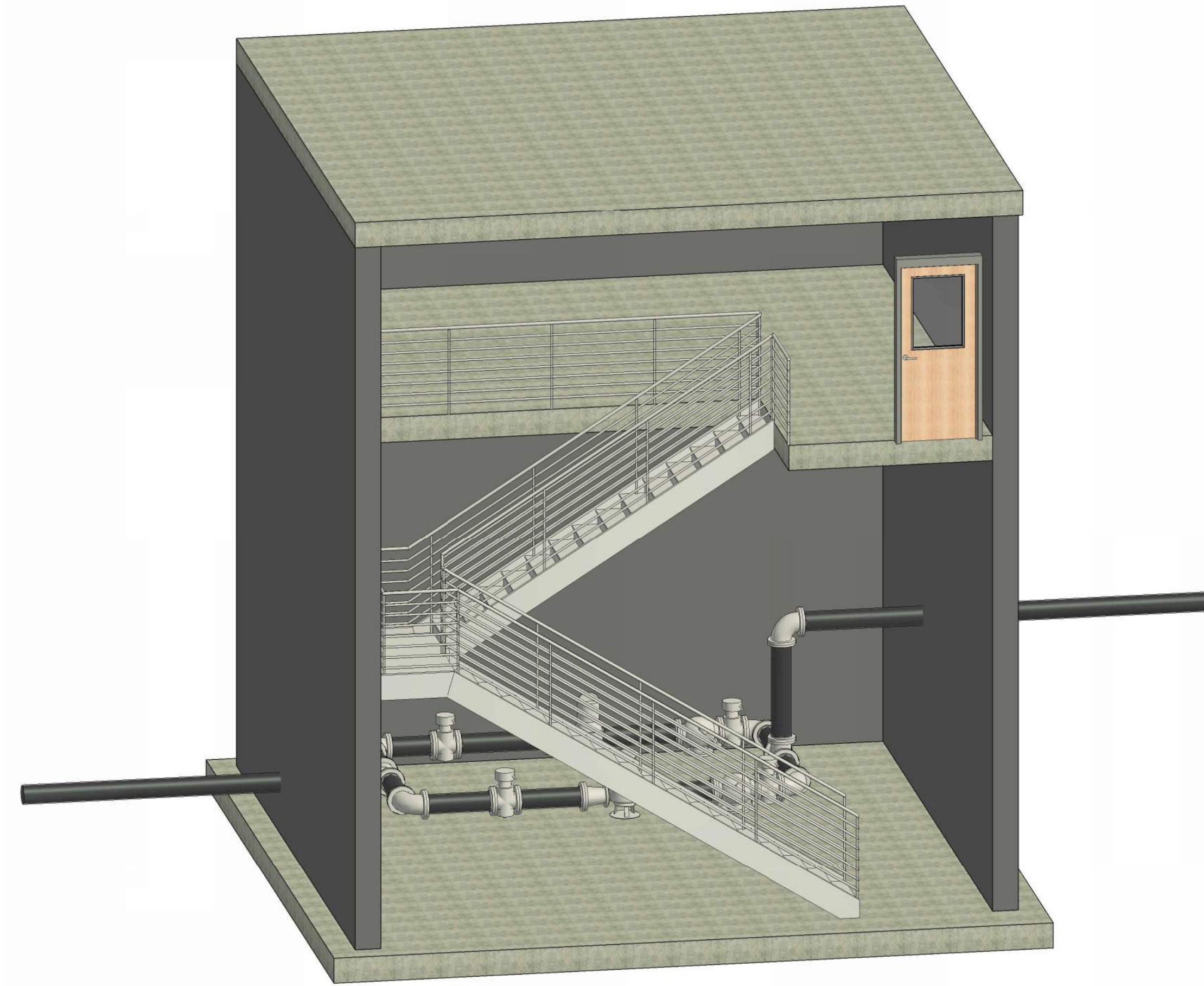
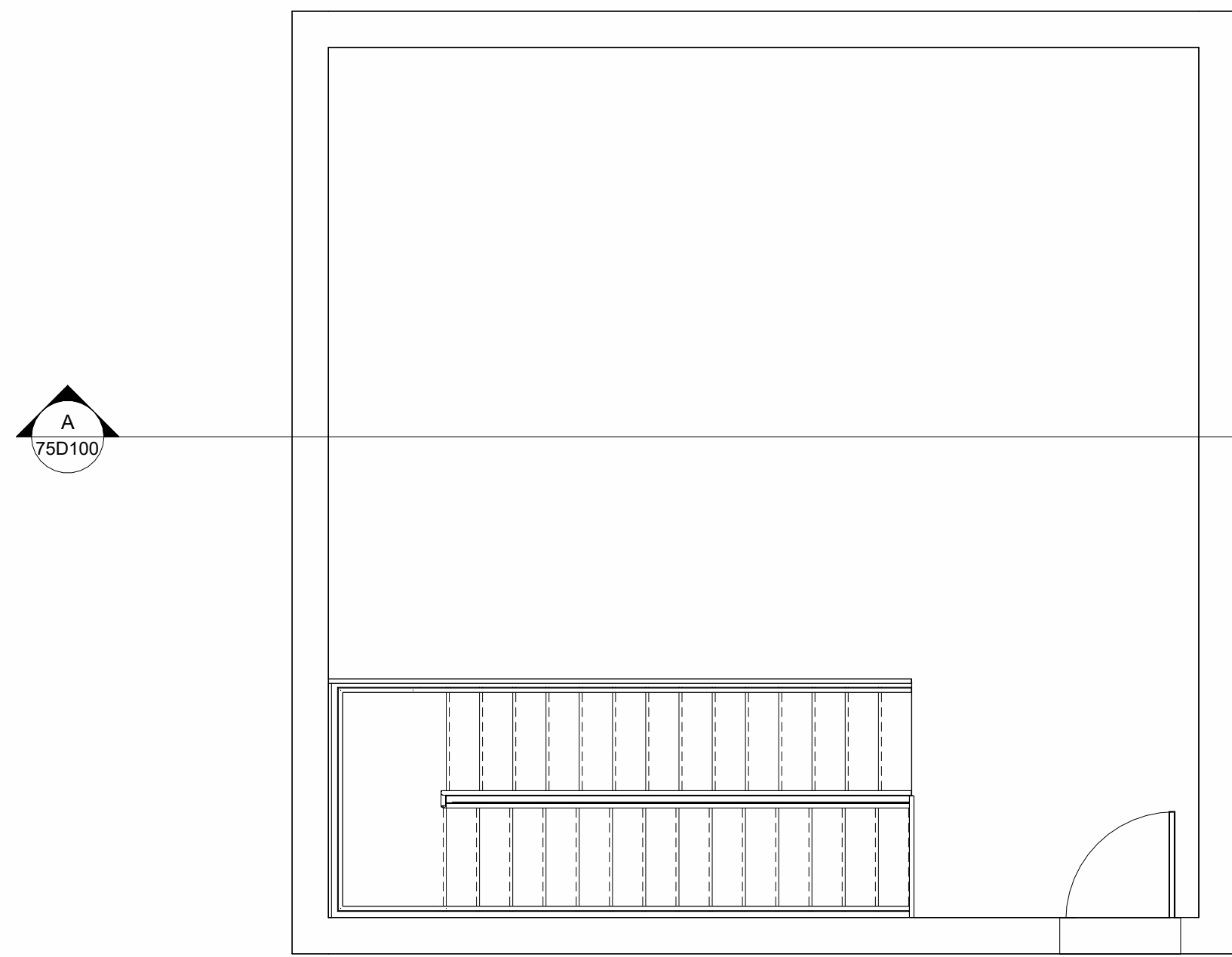




PLAN VIEW



SECTION



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.

Engineers name _____ License No. _____
 Date _____

| DRAWING LOG | |
|-------------|------|
| NO. | DATE |
| 1 | |
| 2 | |
| 3 | |
| 4 | |

RETURN PUMP STATION - PLAN
 NORTH ZUMBRO SANITARY SEWER DISTRICT
 NEW WASTEWATER TREATMENT PLANT
 ZUMBROTA, MINNESOTA

| | |
|-------------|---------|
| PROJECT NO. | 9870 |
| DATE | 5-30-25 |
| DRAWN | JAK |
| DESIGNED | MSH |
| CHECKED | |

75D100



engineers + planners + land surveyors

2905 South Broadway
Rochester, MN 55904-5515
Phone: 507.288.3923
Federal ID: 42-0943938

June 30, 2025

Project No: 09870.00

Invoice No: 54679

Elizabeth Howard
Executive Committee Chair
North Zumbro Joint Powers Sanitary Sewer District
250 South Main Street
Pine Island, MN 55963

Project 09870.00 North Zumbro Joint WWTF and Conveyance

Professional Engineering Services from May 24, 2025 through June 20, 2025

Phase 011 Project Management and Administration
Technical Services 10,046.72

Total this Phase \$10,046.72

Phase 013 Executive Committee Meetings
Technical Services 2,119.68

Unit Billing

Co Vehicle Mileage 38.50

Total this Phase \$2,158.18

Phase 014 Technical Committee Meetings
Technical Services 2,016.00

Unit Billing

Co Vehicle Mileage 38.50

Total this Phase \$2,054.50

Phase 016 Agency Stakeholder Meetings
Technical Services 555.52

Total this Phase \$555.52

Phase 021 Prepare Anti-Degradation Report
Technical Services 555.52

Total this Phase \$555.52

Phase 027 Establish Effluent Limits
Technical Services 833.28

Total this Phase \$833.28

Phase 028 NPDES Permit
Technical Services 555.52

| Project | 09870.00 | North Zumbro Joint WWTF and Conveyance | Invoice | 54679 |
|---|----------|---|---------------------------|---------------------|
| | | | Total this Phase | \$555.52 |
| <hr/> | | | | |
| Phase | 071 | Process Preliminary Design - WHKS Lead | | |
| Technical Services | | | | 50,870.56 |
| | | | Total this Phase | \$50,870.56 |
| <hr/> | | | | |
| Phase | 073 | Process Structural Preliminary Design | | |
| Technical Services | | | | 4,632.00 |
| | | | Total this Phase | \$4,632.00 |
| <hr/> | | | | |
| Phase | 074 | Proc. Elec. & Cntrl Instmt. Prlm Design | | |
| Technical Services | | | | 833.28 |
| | | | Total this Phase | \$833.28 |
| <hr/> | | | | |
| Phase | 083 | Building Struct. Prelim Design - NPR | | |
| Technical Services | | | | 454.72 |
| | | | Total this Phase | \$454.72 |
| <hr/> | | | | |
| Phase | 093 | Wanamingo Lift Station Prelim. Design | | |
| Technical Services | | | | 13,254.56 |
| | | | Total this Phase | \$13,254.56 |
| <hr/> | | | | |
| Phase | 103 | Wanamingo Force Main Preliminary Design | | |
| Technical Services | | | | 12,392.80 |
| | | | Total this Phase | \$12,392.80 |
| <hr/> | | | | |
| Phase | 111 | Additional EAW Services | | |
| Services incurred by Stantec Consulting Services Inc. Per contract 2% administrative fee for subconsultant services. | | | | |
| Consultants | | | | |
| | | Widseth Smith Nolting & Assoc., Inc. | 2,208.00 | |
| | | Total Consultants | 1.02 times | 2,208.00 |
| | | | Total this Phase | \$2,252.16 |
| <hr/> | | | | |
| Phase | 200 | Subconsultants | | |
| Per contract 2% administrative fee for subconsultant services. | | | | |
| Consultants | | | | |
| | | I & S Group, Inc. | 23,765.00 | |
| | | Widseth Smith Nolting & Assoc., Inc. | 35,713.60 | |
| | | Total Consultants | 1.02 times | 59,478.60 |
| | | | Total this Phase | \$60,668.17 |
| <hr/> | | | | |
| Billing Limits | | Current | Prior | To-Date |
| Total Billings | | 162,117.49 | 2,473,577.84 | 2,635,695.33 |
| Limit | | | | 8,638,950.00 |
| Remaining | | | | 6,003,254.67 |
| | | | Total this Invoice | \$162,117.49 |

Billings to Date

| | Current | Prior | Total |
|----------------|-------------------|---------------------|---------------------|
| Labor | 99,120.16 | 1,709,618.22 | 1,808,738.38 |
| Consultant | 62,920.33 | 750,910.29 | 813,830.62 |
| Expense | 0.00 | 10,937.27 | 10,937.27 |
| Expense - Unit | 77.00 | 2,112.06 | 2,189.06 |
| Totals | 162,117.49 | 2,473,577.84 | 2,635,695.33 |

WIDSETH SMITH NOLTING & ASSOC., INC.
216 S MAIN ST
CROOKSTON, MN 56716
T. 218-281-6522



INVOICE

WHKS & Co
ggustafson@whks.com
2905 Broadway Avenue S
Rochester, MN 55904

Invoice Number: 238268
Date: May 30, 2025
Project Number: 2023-11919

North Zumbro Sanitary District

For Professional Services Rendered Through: May 09, 2025

Between April 12th, 2025 and May 9th, 2025

01 - Project Management and General Meetings

| | |
|---|------------|
| 011 - Project Management and Administration | \$6,220.00 |
| Labor | \$6,220.00 |

01 - Project Management and General Meetings Total: \$6,220.00

02 - MPCA Coordination/Permitting

| | |
|---------------------------------|-------------|
| 022 - Pine Island | \$210.00 |
| Labor | \$210.00 |
| 026 - Prepare EAW List Tasks | \$12,498.80 |
| Labor | \$10,260.00 |
| Company Vehicle Mileage | \$30.80 |
| Stantec Consulting Services Inc | \$2,208.00 |

02 - MPCA Coordination/Permitting Total: \$12,708.80

04 - Topographical Survey

| | |
|--|------------|
| 042 - Lift Stations and Forcemains Topo Survey | \$1,300.00 |
| Labor | \$1,300.00 |

04 - Topographical Survey Total: \$1,300.00

08 - WWTF Building Architecture, MEP, Structural

| | |
|--|----------|
| 081 - Building Architectural | \$402.00 |
| Labor | \$402.00 |
| 083 - Building Structural Design - Non Process Related | \$817.50 |
| Labor | \$817.50 |

08 - WWTF Building Architecture, MEP, Structural Total: \$1,219.50

09 - Lift Station Design

| | |
|---------------------------------------|------------|
| 091 - Pine Island Lift Station Design | \$4,424.00 |
| Labor | \$4,424.00 |

09 - Lift Station Design Total: \$4,424.00

10 - Forcemain and Local Collection System Design

| | |
|--------------------------|-------------|
| - | \$30.80 |
| Company Vehicle Mileage | \$30.80 |
| 101 - Pine Island | \$10,731.50 |
| Labor | \$10,731.50 |
| 103 - Wanamingo | \$972.00 |
| Labor | \$944.00 |
| Personal Vehicle Mileage | \$28.00 |
| 104 - Goodhue | \$315.00 |
| Labor | \$315.00 |

10 - Forcemain and Local Collection System Design Total: \$12,049.30

Historical Billings to Date

| | Previously Billed | Current Billing | Billed To Date |
|----------------------------|-------------------|-----------------|----------------|
| Labor | \$465,422.50 | \$35,624.00 | \$501,046.50 |
| Outside Consultants | \$132,100.65 | \$2,208.00 | \$134,308.65 |
| Reimbursable | \$4,001.80 | \$89.60 | \$4,091.40 |
| | \$601,524.95 | \$37,921.60 | \$639,446.55 |

Invoice Total \$37,921.60

| | |
|------------------------|----------------|
| Invoice Number | 2386228 |
| Invoice Date | April 25, 2025 |
| Purchase Order | 227707080 |
| Customer Number | 223001 |
| Project Number | 227707080 |

| | | |
|----------------------------|---|--------------------------------|
| Bill To | EFT/ACH Remit To (Preferred) | Alternative Remit To |
| Wideth Smith Nolting (WSN) | Stantec Consulting Services Inc. (SCSI) | Stantec Consulting Services |
| Accounts Payable | Bank of America | Inc. (SCSI) |
| 610 Filmore Street | ABA No. : 111000012 | 13980 Collections Center Drive |
| Alexandria MN 56308 | Account No: 3752096026 | Chicago IL 60693 |
| United States | Email Remittance: eft@stantec.com | United States |

| | | | |
|-----------------------------|---|-------------------|-----------------------|
| Project | Wideth Smith Nolting: Air Quality EAW Assistance for North Zumbro Sanitary District WWTP | | |
| Project Manager | Taylor, Luke | For Period Ending | April 18, 2025 |
| Current Invoice Total (USD) | 2,208.00 | | |

| | | | | |
|-------------------------------------|--|---|----------------------|-----------------------|
| Top Task | 200 | Calculate Potential and Projected Actual Emissions | | |
| <u>Professional Services</u> | | | | |
| Category/Employee | | | Current Hours | Current Amount |
| | | Taylor, Lucas N (Luke) | 0.50 | 137.00 |
| | | Subtotal Professional Services | <u>0.50</u> | <u>137.00</u> |
| Top Task Subtotal | Calculate Potential and Projected Actual Emissions | | | 137.00 |

| | | | | |
|-------------------------------------|-----------------------------------|--|----------------------|-----------------------|
| Top Task | 300 | Evaluate Air Permit Applicability | | |
| <u>Professional Services</u> | | | | |
| Category/Employee | | | Current Hours | Current Amount |
| | | Cronister, Samantha Helal (Sam) | 7.00 | 1,232.00 |
| | | Taylor, Lucas N (Luke) | 1.50 | 411.00 |
| | | Subtotal Professional Services | <u>8.50</u> | <u>1,643.00</u> |
| Top Task Subtotal | Evaluate Air Permit Applicability | | | 1,643.00 |

| | | | | |
|-------------------------------------|--|--|----------------------|-----------------------|
| Top Task | 400 | Prepare a Technical Memorandum of the Assessment and MPCA Forms | | |
| <u>Professional Services</u> | | | | |
| Category/Employee | | | Current Hours | Current Amount |
| | | Kuphal, Stephanie Lynn | 2.00 | 428.00 |
| | | Subtotal Professional Services | <u>2.00</u> | <u>428.00</u> |
| Top Task Subtotal | Prepare a Technical Memorandum of the Assessment | | | 428.00 |

| | |
|-----------------|----------------|
| Invoice Number | 2386228 |
| Invoice Date | April 25, 2025 |
| Purchase Order | 227707080 |
| Customer Number | 223001 |
| Project Number | 227707080 |

and MPCA Forms

| | |
|---------------------------------------|-----------------|
| Total Fees & Disbursements | <u>2,208.00</u> |
| INVOICE TOTAL (USD) | 2,208.00 |

Net Due in 30 Days or in accordance with terms of the contract

Stantec will not change our banking information. If you receive a request noting our banking information has changed, please contact your Stantec Project Manager



I & S Group, Inc.
 115 E. Hickory St.
 Suite 300
 Mankato, MN 56001
 507-387-6651
 www.ISGInc.com

WHKS
 1412 6th St SW
 PO Box 1467
 Mason City, IA 50402-1467

Invoice Number 119039
 Date 05/31/2025

**Project 23-30164 North Zumbro
 Sanitary Sewer District WWTF -
 Goodhue, MN**

Progress billing for professional services provided through date of invoice

Invoice Dates: May 1, 2025 - May 31, 2025

| Description | Contract Amount | Prior Billed | Current Billed |
|--|-----------------|--------------|----------------|
| Phase 1: Project Management & General Meetings | | | |
| 1.1 Project Management & Administration | \$ 58,000.00 | \$ 12,185.00 | \$ 300.00 |
| 1.2 Project Kickoff Meeting | \$ 7,380.00 | \$ 7,380.00 | |
| 1.3 Executive Committee Meetings | \$ 7,400.00 | \$ 2,532.50 | |
| 1.4 Technical Committee Meetings | \$ 27,000.00 | \$ 6,063.20 | |
| 1.5 City Council Meetings | \$ 7,700.00 | | |
| 1.6 Agency Stakeholder Meetings | \$ 3,950.00 | | |
| 1.7 Public Outreach | \$ 6,120.00 | | |
| 1.8 Sanitary District Formation | \$ 10,390.00 | | |
| Phase 2: MPCA Coordination/Permitting | | | |
| 2.2.d Goodhue | \$ 76,325.00 | \$ 76,325.00 | |
| Phase 3: Funding Assistance | | | |
| 3.2 PPL, IUP + PSIG Application | \$ 4,740.00 | \$ 585.00 | |
| Phase 5: Land Acquisition Assistance | | | |
| 5.2 Lift Stations & Force mains Land Acquisition & Easement Assistance | | | |
| 5.2.D Goodhue Lift Stations & Force mains Land Acquisition & Easement Assistance | \$ 14,800.00 | | |
| Phase 6: Demolition & Abandon Existing Sites | | | |
| 6.4 Goodhue Demolition & Abandon Existing Sites | \$ 27,850.00 | | |
| Phase 7: Preliminary & Final Plant Design WHKS lead | | | |
| 7.1 Process Design | \$ 4,560.00 | \$ 250.00 | |



I & S Group, Inc.
 115 E. Hickory St.
 Suite 300
 Mankato, MN 56001
 507-387-6651
 www.ISGInc.com

| Description | Contract Amount | Prior Billed | Current Billed |
|---|------------------------|----------------------|---------------------|
| 7.4 Process Electrical & Control Instrumentation | \$ 408,400.00 | \$ 1,562.50 | \$ 8,490.00 |
| 7.6 Site Landscaping Plan - Main Facility | \$ 28,375.00 | | |
| Phase 9: Lift Station Design | | | |
| 9.1 Pine Island Lift Station Design | \$ 22,625.00 | | |
| 9.2 Zumbrota Siphon Preliminary Design | \$ 24,525.00 | | |
| 9.3 Wanamingo | \$ 22,625.00 | | |
| 9.4 Goodhue | \$ 108,865.00 | \$ 3,980.00 | \$ 6,175.00 |
| Phase 10: Forcemain & Local Collection System Design | | | |
| 10.4 Forcemain and Local Collection System Design | \$ 386,450.00 | \$ 23,798.40 | \$ 8,800.00 |
| Reimbursables | | | |
| | \$ 1,258,080.00 | \$ 134,661.60 | \$ 23,765.00 |

Invoice Amount \$23,765.00

Payment Terms: Net 30 days from invoice date. Past due balances are subject to late fees in the amount of 1.5% per month.
 If you have a question regarding your invoice or are interested in receiving invoices electronically, please e-mail AR@ISGInc.com

Automated Clearing House (ACH) Instructions

Account Name: I&S Group, Inc.
ABA/Routing Number: 073000642
Account Number: 2348642289
Send Remittance to: AR@ISGinc.com

Aging Summary

| Invoice Number | Invoice Date | 0 - 30 | 31 - 60 | 61-90 | Over 90 | Balance |
|--------------------------|--------------|--------------------|--------------------|-------------------|---------------|--------------------|
| 116652 | 3/31/2025 | \$0.00 | \$0.00 | \$9,420.00 | \$0.00 | \$9,420.00 |
| 117681 | 4/30/2025 | \$0.00 | \$14,113.40 | \$0.00 | \$0.00 | \$14,113.40 |
| 119039 | 5/31/2025 | \$23,765.00 | | | | \$23,765.00 |
| Total Outstanding | | \$23,765.00 | \$14,113.40 | \$9,420.00 | \$0.00 | \$47,298.40 |

Application fees

An application fee is required under Minn. Stat. § 116.07, subd. 4d (1990) and Minn. R. ch. 7002 (Permit Fee Rules). The application fee is determined by the type of permit you are applying for. Please make your check payable to the MPCA.

Indicate which type of permit you are applying for:

(refer to flow chart on page 8 of the instructions to determine the appropriate fee category)

- | | |
|--|---|
| <input type="checkbox"/> Individual Permit Reissuance, no modifications: \$1240 | <input checked="" type="checkbox"/> Individual Permit Issuance: \$9300 |
| <input type="checkbox"/> Individual Permit Reissuance, modifications: \$2480 | <input type="checkbox"/> Individual Pretreatment Permit Issuance: \$2480 |
| <input type="checkbox"/> Individual Permit Reissuance, construction: \$2480 | <input type="checkbox"/> Individual Dredge Materials Disposal Permit Issuance: \$2480 |
| <input type="checkbox"/> Individual Permit Reissuance, construction, increased design flow: \$9300 | <input type="checkbox"/> Individual Stormwater Permit Issuance: \$400 |
| <input type="checkbox"/> Individual Permit Minor Modification: \$1240 | <input type="checkbox"/> Biosolids Treatment or Storage Permit Issuance: \$9300 |
| <input type="checkbox"/> Individual Permit Major Modification: \$2480 | <input type="checkbox"/> General Permit (MNG) Reissuance: \$1240 |
| <input type="checkbox"/> Individual Permit Major Modification, construction: \$2480 | <input type="checkbox"/> General Permit (MNG) Issuance: \$1240 |
| <input type="checkbox"/> Individual Permit Major Modification, construction, increased design flow: \$9300 | <input type="checkbox"/> General Permit (MNG) Modification: \$1240 |


Certification

Federal Regulations (40 CFR Part 122.22) and State Regulations (Minn. R. 7001.0060) require all permit applications to be signed as follows:

- A. For a corporation: by a responsible corporate officer. For the purpose of this permit, a responsible corporate officer means: 1) a president, secretary, treasurer or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or 2) The manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having a gross annual sales or expenditures exceeding 425 million, if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- B. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively.
- C. For a municipality, county or other political subdivision: by a principal executive officer or ranking elected official.
- D. For a state, federal or other public agency/agents: by a commissioner, assistant or deputy commissioner; director, assistant or deputy director.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Printed name: Elizabeth Howard Title: Executive Committee Chairperson

Authorized signature:  Date (mm/dd/yyyy): 6-17-2025

State tax ID#: _____ Federal tax ID#: 99-1519275



Please remit payments to:
Abdo LLP
 100 Warren St Ste 600
 Mankato MN 56001

Billing Questions?
 952.715.3030 or
 507.625.2727 ext 3030
 billing@abdosolutions.com

North Zumbro Sanitary Sewer District
 250 S Main St
 Pine Island, MN 55963

Date: 6/20/2025
 Client: 300904.GO

| <u>Invoice</u> | <u>Description</u> | <u>Date</u> | <u>Charge</u> | <u>Credit</u> | <u>Balance</u> |
|----------------|--------------------|-------------|---------------|-----------------|-------------------|
| 508104 | | 05/31/2025 | \$8,000.00 | | <u>\$8,000.00</u> |
| | | | | Current Balance | <u>\$8,000.00</u> |

Accounts Receivable Aging

| <u>Current</u> | <u>31 - 60 Days</u> | <u>61 - 90 Days</u> | <u>91 - 120 Days</u> | <u>Over 120 Days</u> | <u>Balance</u> |
|----------------|---------------------|---------------------|----------------------|----------------------|----------------|
| \$8,000.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$8,000.00 |

Preferred payments can be made through our website at www.abdosolutions.com.

We accept electronic checking/savings and debit/credit card payments.
 A 3.0% surcharge will be applied to credit card transactions.

A LATE FEE computed at 8.0% ANNUAL PERCENTAGE RATE
 will be added to any balance remaining 30 days after invoice date.
 300904.GO



MINNESOTA

PUBLIC FACILITIES AUTHORITY

Water Infrastructure Project Disbursement Request Form

Recipient - Contract ID: **North Zumbro SSD_SPAP_01**

Project Title: North Zumbro Sanitary District Project

Disbursement request details:

Request Number:

14

Amount:

\$162,117.49

notes:

Prepared by:

Elizabeth R. Howard

Authorized by:

Name (print)

Elizabeth R. Howard

Title/phone

City Administrator - 507-356-4591 ext. 9

Sign/date

07/02/25

I hereby certify that this request for disbursement is, to the best of my knowledge and belief, true and accurate and made in accordance with the conditions of the project agreement, and that I am authorized to request disbursements on behalf of the recipient.

MPFA approvals:

| | | | |
|-------------------|------|-------------------------|------|
| | | | |
| MPFA Loan Officer | date | MPFA Executive Director | date |
| #N/A | | | |

The remainder of this form is reserved for MPFA Disbursement Coding.

The Note for this project is: **N/A-grant only**

Loan Officer - please check this box IFF this is the final request on this project:

see the back page of this form for general instructions.

MN Public Facilities Authority - Water Infrastructure Project Disbursement Request Form *Instructions*

Disbursement requests must be received by PFA no later than the 15th of each month in order to be paid during that month. Generally, disbursements will be processed on the Wed following the 4th Tue. Recipients are advised to include a provision in their contracts specifying contractor deadlines for invoice submittal, so that local approval can be coordinated with the PFA disbursement schedule.

To request funds, an authorized official of the recipient entity must sign a completed Project Disbursement Request Form, to be submitted by mail, e-mail or fax (**ONLY ONE**) to your MPFA loan officer. Copies of invoices and supporting documents must be submitted with the request. Retain a copy of the request and all documentation for your files.

The request form contains a certification. Each certification relates to the request and related back-up for expenditures, as to accuracy and compliance with agreement conditions.

In addition, if the PFA project funding includes or may include federal monies, the certification also includes language regarding labor standards compliance. U. S. Department of Labor Davis Bacon regulations at 29CFR 5.5(a)(1) require that covered employees are properly paid the full amount of required wages and fringes, that workers are compensated for the type of work being performed according to the classification, and additional classifications, if needed, were sought and employees paid the approved rate. For full text of 29 CFR 5.5(a)(1) see hyperlink below:

[29 CFR 5.5\(a\)\(1\)](#)

<-- this is the hyperlink; below is the full web url:

<http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&rqn=div5&view=text&node=29:1.1.1.1.6&idno=29#29:1.1.1.1.6.1.27.4>

If the Recipient has hired a consulting engineer or other consultant for labor standards compliance, obtain a signed and dated certification from that entity that states "To the best of our knowledge, the certified payroll records received in connection with invoice number (identify number) from (identify contractor(s)) are in compliance with the U.S. Department of Labor prevailing wage requirements of 29 CFR 5.5(a)(1)." Keep the signed certifications on file with the disbursement request.

The *Summary of Project Costs* form may be useful to track project costs through the disbursement phase. Please submit this form with the Disbursement Request Form and supporting documents.

Submit completed and signed the Project Disbursement Request Form and all supporting invoices and other documentation, by **ONLY ONE** of the following methods:

mail: Minnesota Public Facilities Authority
#N/A
332 Minnesota Street, W820
1st National Bank Building
Saint Paul, MN 55101-1378

OR e-mail: [#N/A](#)

OR fax: 651-296-8833

MN Public Facilities Authority
Project Disbursement Request - Summary of Project Costs

Recipient - Contract ID: **North Zumbro SSD_SPAP_01**

| | | | |
|-------|----------------------|----|---------------|
| SPAP: | MPFA-SPAP-G-061-FY24 | \$ | 10,000,000 |
| | | | \$ 10,000,000 |

note to recipient: complete the yellow-highlighted boxes below for each request:

The costs detailed below relate to **Project Disbursement Request #:** 14

| Cost descriptions | Amounts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------------------|--------------------------|---------------|----------------------|----------------|------|-------------------|-----------------------------|------------------------|-------------|--------------------------------------|--|---------------|-----------------------|------|-------------|---------------|------|-------|--|------|--------------------|--|------|---|------|------|------|------|------|------|------|
| A. Non-Construction: <table style="margin-left: 20px; border-collapse: collapse;"> <tr><td>Engineering</td><td style="text-align: right;">\$ 159,865.33</td></tr> <tr><td>Legal/Finance</td><td style="text-align: right;"></td></tr> <tr><td>Administration</td><td style="text-align: right;">\$ -</td></tr> <tr><td>Other</td><td style="text-align: right;">\$ 2,252.16</td></tr> <tr><td colspan="2" style="text-align: right; border-top: 1px solid black;">Total Non-Construction</td><td style="text-align: right; border-top: 1px solid black;">\$ 162,117.49</td></tr> </table> | Engineering | \$ 159,865.33 | Legal/Finance | | Administration | \$ - | Other | \$ 2,252.16 | Total Non-Construction | | \$ 162,117.49 | <table style="width: 100%; border-collapse: collapse;"> <tr><td style="border: 1px solid black;">\$ 159,865.33</td></tr> <tr><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;">\$ -</td></tr> <tr><td style="border: 1px solid black;">\$ 2,252.16</td></tr> <tr><td style="border: 1px solid black; border-top: 1px solid black;">\$ 162,117.49</td></tr> </table> | \$ 159,865.33 | | \$ - | \$ 2,252.16 | \$ 162,117.49 | | | | | | | | | | | | | | | |
| Engineering | \$ 159,865.33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Legal/Finance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Administration | \$ - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other | \$ 2,252.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Non-Construction | | \$ 162,117.49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$ 159,865.33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| \$ - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$ 2,252.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$ 162,117.49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B. Construction: <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="width: 30%;"><u>Clean Water...</u></td> <td style="width: 30%;"><u>Drinking Water...</u></td> <td style="width: 40%;"></td> </tr> <tr> <td>Treatment Facilities</td> <td>Treatment</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Collector Systems</td> <td>Transmission & Distribution</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Interceptor</td> <td>Source (Wells/surface water intakes)</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Lift Station</td> <td>Storage / Water Tower</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Equipment</td> <td>Other</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Other</td> <td></td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td colspan="2" style="text-align: right; border-top: 1px solid black;">Total Construction</td> <td style="text-align: right; border-top: 1px solid black;">\$ -</td> </tr> </table> | <u>Clean Water...</u> | <u>Drinking Water...</u> | | Treatment Facilities | Treatment | \$ - | Collector Systems | Transmission & Distribution | \$ - | Interceptor | Source (Wells/surface water intakes) | \$ - | Lift Station | Storage / Water Tower | \$ - | Equipment | Other | \$ - | Other | | \$ - | Total Construction | | \$ - | <table style="width: 100%; border-collapse: collapse;"> <tr><td style="border: 1px solid black;">\$ -</td></tr> <tr><td style="border: 1px solid black;">\$ -</td></tr> <tr><td style="border: 1px solid black;">\$ -</td></tr> <tr><td style="border: 1px solid black;">\$ -</td></tr> <tr><td style="border: 1px solid black;">\$ -</td></tr> <tr><td style="border: 1px solid black;">\$ -</td></tr> <tr><td style="border: 1px solid black; border-top: 1px solid black;">\$ -</td></tr> </table> | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| <u>Clean Water...</u> | <u>Drinking Water...</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Treatment Facilities | Treatment | \$ - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Collector Systems | Transmission & Distribution | \$ - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interceptor | Source (Wells/surface water intakes) | \$ - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lift Station | Storage / Water Tower | \$ - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Equipment | Other | \$ - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other | | \$ - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Construction | | \$ - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$ - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| \$ - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C. Total disbursement request (A + B): | \$ 162,117.49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D. Total of previous requests submitted to PFA ** (see pg 2 for detail): | \$ 3,446,786.61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E. Total requested to date (C + D): | \$ 3,608,904.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F. Original award total from above: | \$ 10,000,000.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G. Remaining un-drawn balance (F – E): | \$ 6,391,095.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes:

page 2 may be used by the recipient for tracking past disbursement requests on this project

** History of payment requests submitted to PFA:

| Req # | Dated | Notes | \$ amount Requested | \$ amount Paid by PFA |
|---|----------|-------|-------------------------------|-------------------------------|
| 1 | 05/16/24 | | \$ 894,082.89 | \$ 894,082.89 |
| 2 | 06/11/24 | | \$ 97,365.45 | \$ 97,365.45 |
| 3 | 08/14/24 | | \$ 145,397.77 | \$ 145,397.77 |
| 4 | 09/16/24 | | \$ 60,053.89 | \$ 60,053.89 |
| 5 | 10/15/24 | | \$ 1,029,827.54 | \$ 1,029,827.54 |
| 6 | 11/14/24 | | \$ 124,868.17 | \$ 124,868.17 |
| 7 | 12/12/24 | | \$ 117,642.42 | \$ 117,642.42 |
| 8 | 01/16/25 | | \$ 110,208.82 | \$ 110,208.82 |
| 9 | 02/05/25 | | \$ 152,346.73 | \$ 152,346.73 |
| 10 | 03/07/25 | | \$ 201,612.18 | \$ 201,612.18 |
| 11 | 04/01/25 | | \$ 127,879.70 | \$ 127,879.70 |
| 12 | 05/06/25 | | \$ 202,153.06 | \$ 202,153.06 |
| 13 | 06/04/25 | | \$ 183,347.99 | \$ 183,347.99 |
| 14 | 07/02/25 | | \$ 162,117.49 | |
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| <i>total requested / paid prior to this request:</i> | | | <u>\$ 3,608,904.10</u> | <u>\$ 3,446,786.61</u> |