

ADDENDUM #2
WELL #9 WATER TREATMENT FACILITY - PHASE 1 WELL AND BUILDING
CITY OF MENOMONIE
PROJECT 05323007.1
January 19, 2026

Page 1 of 3

NOTICE

This Addendum is issued to modify, explain or correct the original drawings, specifications and/or previous addendums and is hereby made a part of the Contract Documents. Please attach this Addendum to the specifications in your possession and note receipt of this Addendum on page 00 41 00-7 of the bid. The bid date remains unchanged.

PROJECT MANUAL

DIVISION 01 - GENERAL REQUIREMENTS

Section 01 35 00 – Special Procedures, DIVISION 33 – UTILITIES, 33.01 Section 33 10 00 – Water Utilities

ADD the following paragraph:

- "H. Valves for watermain and/or backwash piping larger than 12 inches in diameter may be gate valves.
1. Acceptable manufacturers are Mueller, American AVK, American Flow Control, J&S Valve, or equal."

Section 23 00 00 – Heating, Ventilating and Air Conditioning (HVAC)

ADD Paragraph 2.04.I.2.a as follows:

- "a. Fans shall be coated inside and out with chemical resistant finish when installed in a corrosive environment."

REVISE Paragraph 2.04.I.6.c. as follows:

- "c. Greenheck SQ, or equal."

REVISE Paragraph 2.04.J.9. as follows:

- "9. Greenheck Model SP-A, or equal."

DIVISION 33 – UTILITIES

Section 33 21 13.10 – Rock-Walled Well Construction, 2.02 CASING

REVISE Section 2.02.A.2. as follows:

- "2. Temporary outer casing pipe shall be 24-inch O.D. having not less than 0.5-inch wall thickness."

DIVISION 44 – POLLUTION CONTROL EQUIPMENT

Section 40 23 23 Process Piping, Valves and Specialties

- REPLACE Paragraph 2.04.G.7 as follows:
- “7. Acceptable manufacturers: Mueller Company, American AVK, American Flow Control, J&S Valve, or equal.”
- REVISE Paragraph 2.04.H.9 to include “DeZURIK APCO CRF”
- REVISE Paragraph 2.04.I.8 to include “DeZURIK APCO CRF”
- REVISE Paragraph 2.04.J.8 to include “DeZURIK APCO AVV”
- REVISE Paragraph 2.04.K.5 to include “DeZURIK APCO ARV”

Section 44 42 56.10 – Vertical Turbine Pumps

- ADD Paragraph 2.01.C. as follows:
- “C. Acceptable manufacturers include the following:
1. Goulds (Basis of Design)
 2. Simflow
 3. FlowServe
 4. Or equal”

Section 44 42 73.90 Concrete Water Retaining Structure Testing

- ADD The attached section in its entirety marked “Addendum No. 2”. Update the “Contents and Project Manual Index” to note this section.

Section 44 42 76.30 – Mechanical Sluice Gate, Paragraph 2.01

- REPLACE Paragraph 2.01.A with the following:
- “A. Acceptable manufacturers include:
- a. Waterman (McWane Plant & Industrial) – Basis of Design
 - i. Model SS-253-1-NT-16x16-10, or equal
 - b. Rodney Hunt
 - c. Fontaine-Aquanox
 - d. Or Equal”

DRAWINGS

- REPLACE SHEET 05C105 BACKWASH TANK PLAN, in its entirety with the attached sheet marked "Addendum No. 2".
Note: This sheet should be what is referenced in Addendum No. 1 for Sheet 05C105.
- REVISE SHEET 95M101 PROCESS PLAN VIEW Keynote #27 to read "ROUTE 1-INCH SCH 80 PVC CHEMICAL TANK VENT CONDUIT THROUGH WALL, TERMINATE WITH DOWNWARD 90 DEG BEND AND 24-MESH CORROSION RESISTANT SCREEN A MIN. OF 5-FEET ABOVE GRADE"
- ADD Attached SHEET 95M102 DETENTION TANK PROCESS PLAN VIEW – GROUT marked "Addendum No. 2".

END OF ADDENDUM

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SECTION 44 42 73.90
CONCRETE WATER RETAINING STRUCTURE TESTING

PART 1 GENERAL**1.01 APPLICABLE PROVISIONS**

- A. Applicable provisions of Division 01 shall govern work in this section.

1.02 APPLICABLE PUBLICATIONS (NONE)**1.03 DESCRIPTION OF WORK**

- A. The work to be done under this specification includes furnishing all materials, equipment, tools and labor necessary for the testing of a concrete water retaining structure.
- B. Testing shall be performed on all pre-cast concrete backwash tanks and cast-in-place concrete detention tanks.

1.04 RELATED WORK ELSEWHERE

- A. Procurement and Contracting Requirements - Division 00 (All Sections)
- B. Concrete (All Sections) - Division 03

1.05 SUBMITTALS (NONE)**1.06 OPERATION AND MAINTENANCE MANUALS (NONE)****PART 2 PRODUCTS AND MATERIALS (N/A)****PART 3 EXECUTION****3.01 WATER RETAINING TEST**

1. Backwash tanks shall be tested for watertightness. Testing shall consist of filling the tank water to the maximum operating water surface for at least 72 hours and then visually inspecting the dry side of all walls and base perimeter of slab for evidence of leakage.
- B. Damp spots are defined as spots from which water that can be picked up on dry hand.
- C. All liquid retaining or conveying concrete structures must also meet maximum leakage criteria set forth as follows:

Structure Type	Tightness Criterion
Cast-in-place tanks	0.050% per day
Precast tanks	0.10% per day

Note: All damp spots on or leakage through walls or wall-to-slab joints must be repaired. Leakage equal to or less than the values shown in the table above is permitted only through the base slab or mat foundation.

- D. Volume loss shall be determined by measuring the vertical distance from the water surface to a fixed point on the tank above the water surface. If the drop in water surface in the 24-hour period exceeds the values given in the table above, the leakage shall be considered excessive and shall be remedied. The Contractor shall provide a location with safe access for an Owner/Engineer supplied staff gauge. The Contractor shall mount the gauge for the Engineer in a manner acceptable to the Engineer. Following any necessary repairs,

the tank shall be filled to demonstrate all leaks and damp spots have been properly repaired at no additional cost to the Owner.

3.02 ENVIRONMENTAL CONDITIONS

- A. When the watertightness test is to be conducted during freezing conditions, the Contractor shall enclose the tank and/or provide insulation and heat as necessary to ensure test water does not freeze within cracks.

3.03 SUPPLY AND DISPOSAL OF TESTING WATER

- A. Dewatering well discharge water (if free from solids/organics) may be used for any watertightness test.
- B. The City shall provide, if necessary, water to perform the test at no charge to the Contractor. The Contractor shall be required dispose of water necessary for the test. Water may not be discharge to the storm sewer.

3.04 PROTECTION

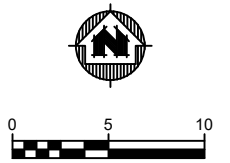
- A. The Contractor shall be responsible for the protection of the structure in all respects and conditions prior to the date of acceptance of his work.

PART 4 MEASUREMENT AND PAYMENT

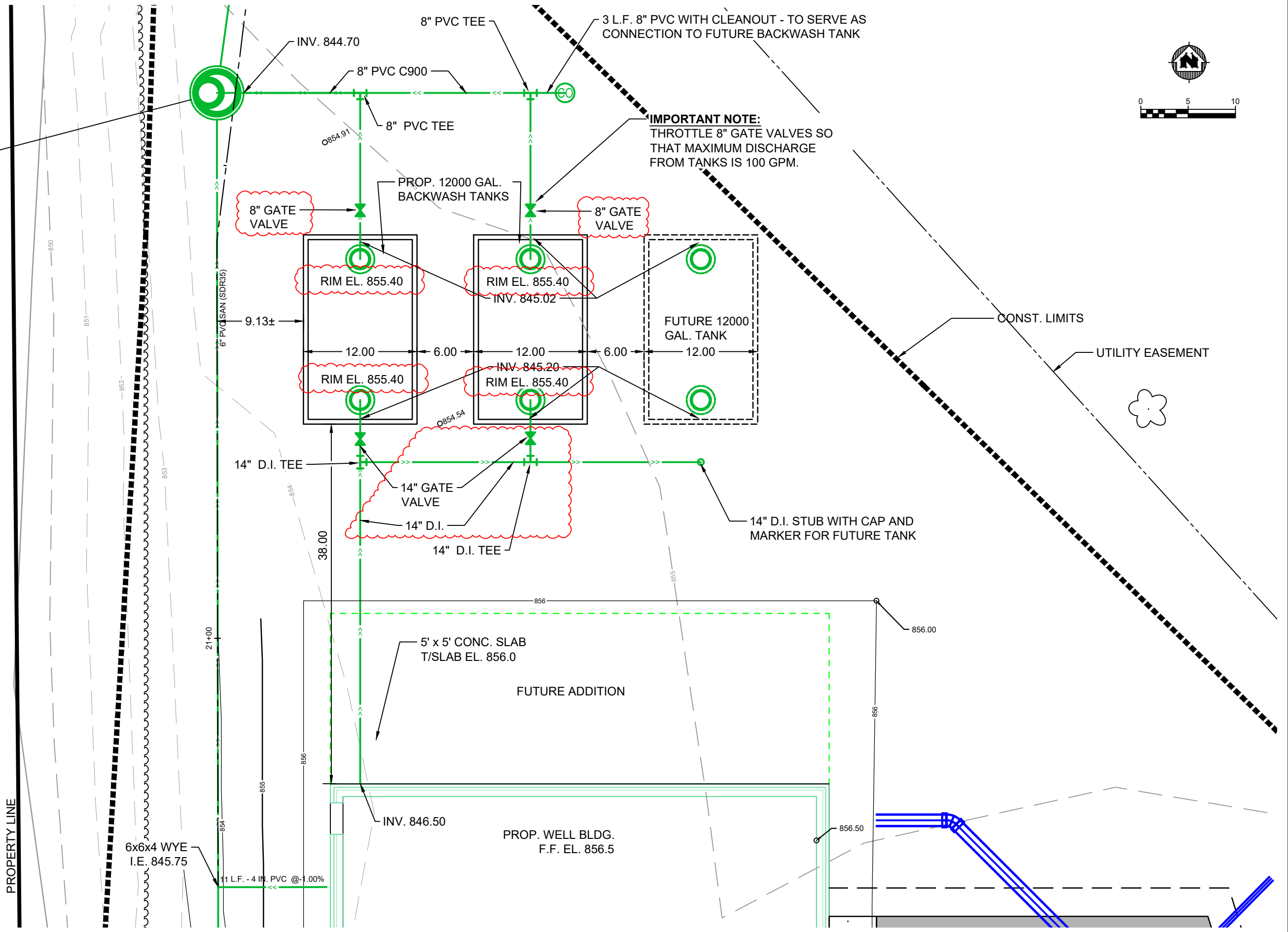
4.01 CONCRETE WATER RETAINING STRUCTURE TESTING

- A. General. Concrete water retaining structure testing shall be paid for at the bid price in accordance with one of the following methods, unless indicated otherwise in the Bid Schedule or Special Procedures - Division 01.
 - 1. Concrete Water Retaining Structure Testing, Inclusive. When no quantity is provided, concrete water retaining structure testing shall be considered inclusive to payment for work scheduled under this contract.

END OF SECTION



3
STA = 21+57.51
RIM = 855.00
I.E. = 844.70(E)
I.E. = 845.00(S)
I.E. = 844.60(N)
INSTALL: EPOXY LINER,
EXTERNAL JOINT WRAP,
& EXTERNAL CHIMNEY SEAL



IMPORTANT NOTE:
THROTTLE 8" GATE VALVES SO
THAT MAXIMUM DISCHARGE
FROM TANKS IS 100 GPM.

CONST. LIMITS
UTILITY EASEMENT

PROJECT DATE: DEC 23, 2025	DRAWN BY: JM	NO.	DATE	REVISION	BY
	DESIGNED BY: EE		01/09/26	ADDENDUM 1	JM
	CHECKED BY: EE		01/16/26	ADDENDUM 2	JM
PLOT DATE: 1/16/2026 9:06 AM, \\msa-ps.com\fs\Project\05\05323007\CADD\Construction Documents\05323007 BACKWASH TANK PLAN.dwg					



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1230 South Boulevard, Baraboo WI 53913
(608) 356-2771 www.msa-ps.com
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WELL #9 WATER TREATMENT FACILITY - PHASE 1
CITY OF MENOMONIE
DUNN COUNTY, WISCONSIN

SITE CIVIL
BACKWASH TANK PLAN

PROJECT NO:
05323007.1
SHEET
05C105

KEYNOTES

1 2-INCH DEEP X 2-FT WIDE X 2-FT LONG SUMP DOWN TO CONCRETE BASE. FILL GROUT AROUND SUMP FOR FLOOR SLOPE

GENERAL NOTES

- A. GROUT THICKNESS SHALL BE MIN. 2-IN EXCEPT AT SUMP.
B. GROUT SHALL SLOPE TOWARDS SUMP IN DIRECTION OF ARROWS.
C. GROUT THICKNESS SHALL BE 3-IN AT LOCATIONS FARTHEST FROM SUMP, AND DROP 1.5-INCH TO THE NEAREST SUMP.
D. BOTTOM OF SUMP SHALL BE CONCRETE BASE.
E. SLOPE SHALL CONTINUE THROUGH 3-FT WIDE BAFFLE OPENINGS TO THE SUMP AS NECESSARY.
F. NOTE ALL OTHER COLORED LINEWORK ON PROCESS SHEETS IS APPLICABLE TO OTHER DIVISIONS AND NOT SPECIFICALLY RELATED TO PROCESS MECHANICAL

LEGEND

- PERMANENT PROCESS EQUIPMENT TO BE INSTALLED IN PHASE 1
- - - - - PERMANENT BELOW-SLAB PROCESS EQUIPMENT TO BE INSTALLED IN PHASE 1
———— TEMPORARY PROCESS EQUIPMENT TO BE INSTALLED IN PHASE 1
- - - - - PROCESS EQUIPMENT TO BE INSTALLED IN PHASE 2



PLAN VIEW - DETENTION TANK GROUT

1/4" = 1'-0" (22"x34")
1/8" = 1'-0" (11"x17")

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1230 SOUTH BOULEVARD, BARABOO WI 53913
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WELL #9 WATER TREATMENT FACILITY - PHASE 1
CITY OF MENOMONIE
DUNN COUNTY, WISCONSIN

WELL AND BUILDING
DETENTION TANK PROCESS PLAN VIEW - GROUT

PROJECT NO.
05323007.1
SHEET
95M102

PLOT DATE: 11/20/2025 2:01:59 AM Project: C:\Users\jms\OneDrive\Documents\City of Menomonee\Well #9 MSA\PS1.dwg