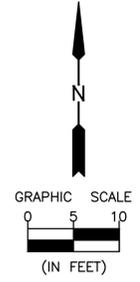
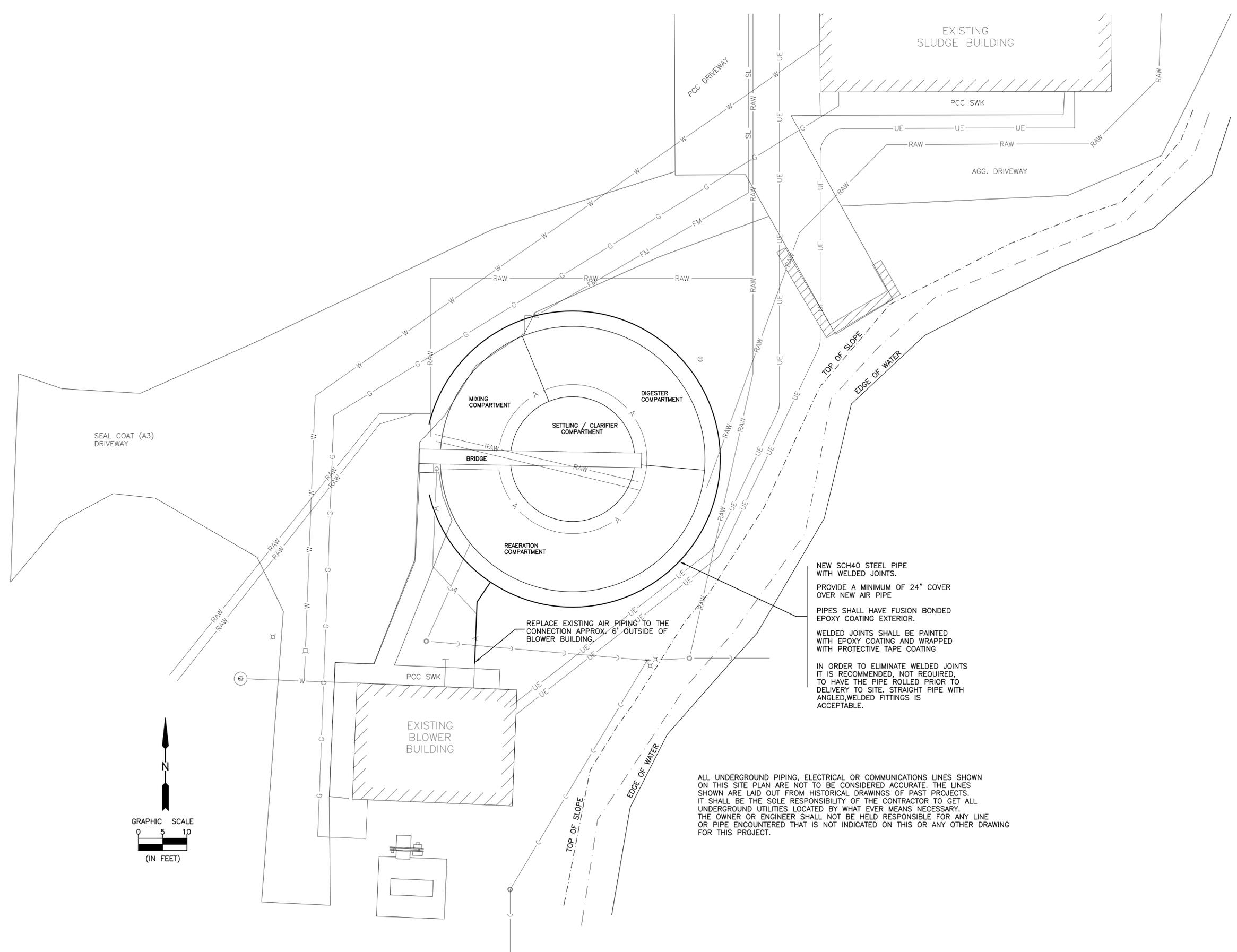


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 Last Modified: Monday, October 06, 2025 6:46:13 AM
 Plotted On: Monday, October 06, 2025 6:46:56 AM by Greg Hansen



REPLACE EXISTING AIR PIPING TO THE CONNECTION APPROX. 6' OUTSIDE OF BLOWER BUILDING.

NEW SCH40 STEEL PIPE WITH WELDED JOINTS.
 PROVIDE A MINIMUM OF 24" COVER OVER NEW AIR PIPE.
 PIPES SHALL HAVE FUSION BONDED EPOXY COATING EXTERIOR.
 WELDED JOINTS SHALL BE PAINTED WITH EPOXY COATING AND WRAPPED WITH PROTECTIVE TAPE COATING.
 IN ORDER TO ELIMINATE WELDED JOINTS IT IS RECOMMENDED, NOT REQUIRED, TO HAVE THE PIPE ROLLED PRIOR TO DELIVERY TO SITE. STRAIGHT PIPE WITH ANGLED WELDED FITTINGS IS ACCEPTABLE.

ALL UNDERGROUND PIPING, ELECTRICAL OR COMMUNICATIONS LINES SHOWN ON THIS SITE PLAN ARE NOT TO BE CONSIDERED ACCURATE. THE LINES SHOWN ARE LAID OUT FROM HISTORICAL DRAWINGS OF PAST PROJECTS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO GET ALL UNDERGROUND UTILITIES LOCATED BY WHAT EVER MEANS NECESSARY. THE OWNER OR ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY LINE OR PIPE ENCOUNTERED THAT IS NOT INDICATED ON THIS OR ANY OTHER DRAWING FOR THIS PROJECT.

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| DRAWN BY: G.A.H. | REVISIONS | | | |
| CHECKED BY: DWB | LEVEL | BY | DATE | DESCRIPTION |
| DATE: 7/22/24 | | | | |

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 WWTP IMPROVEMENTS**
 RE-BID 2025

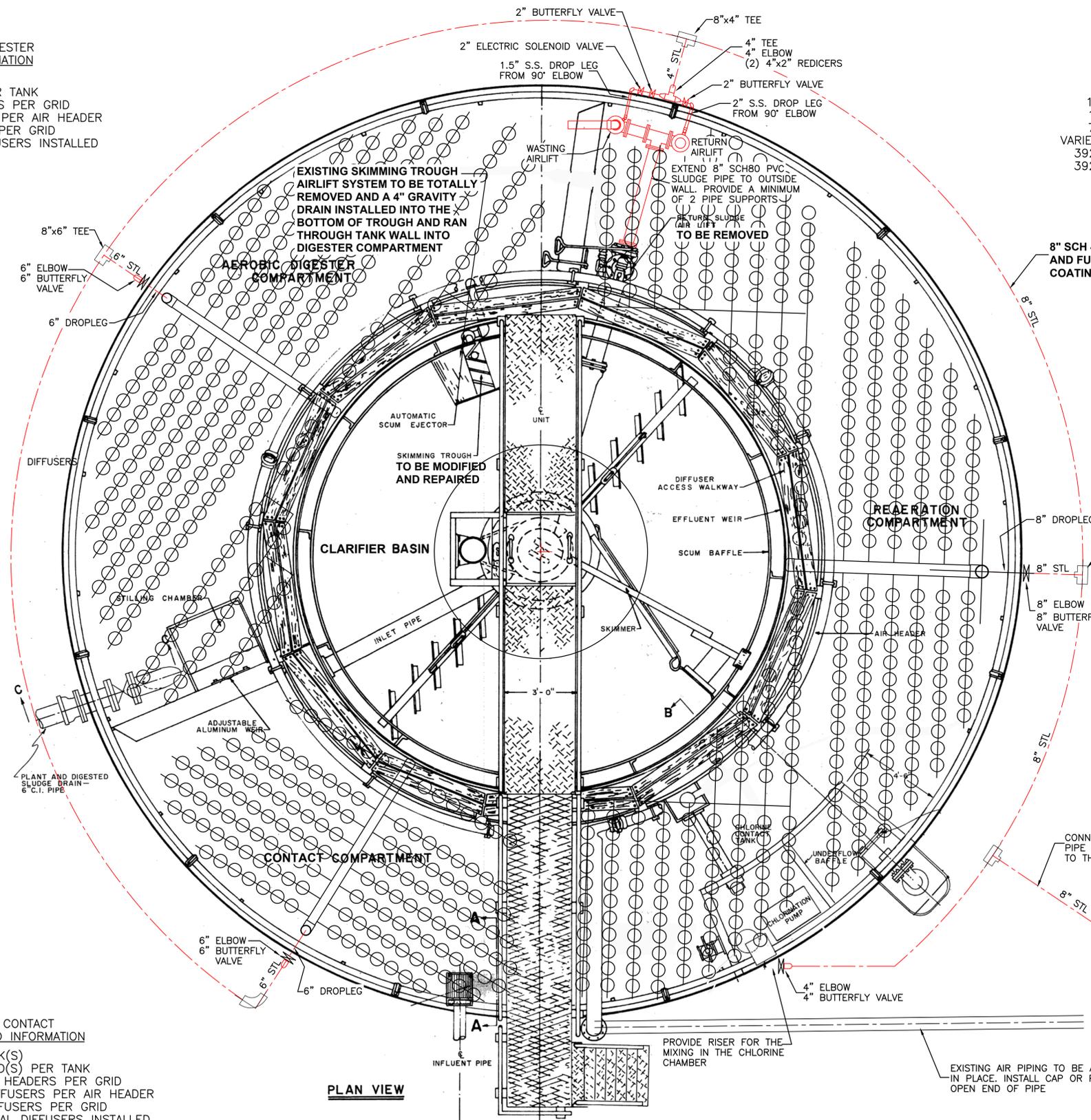
SITE PLAN - AIR PIPING

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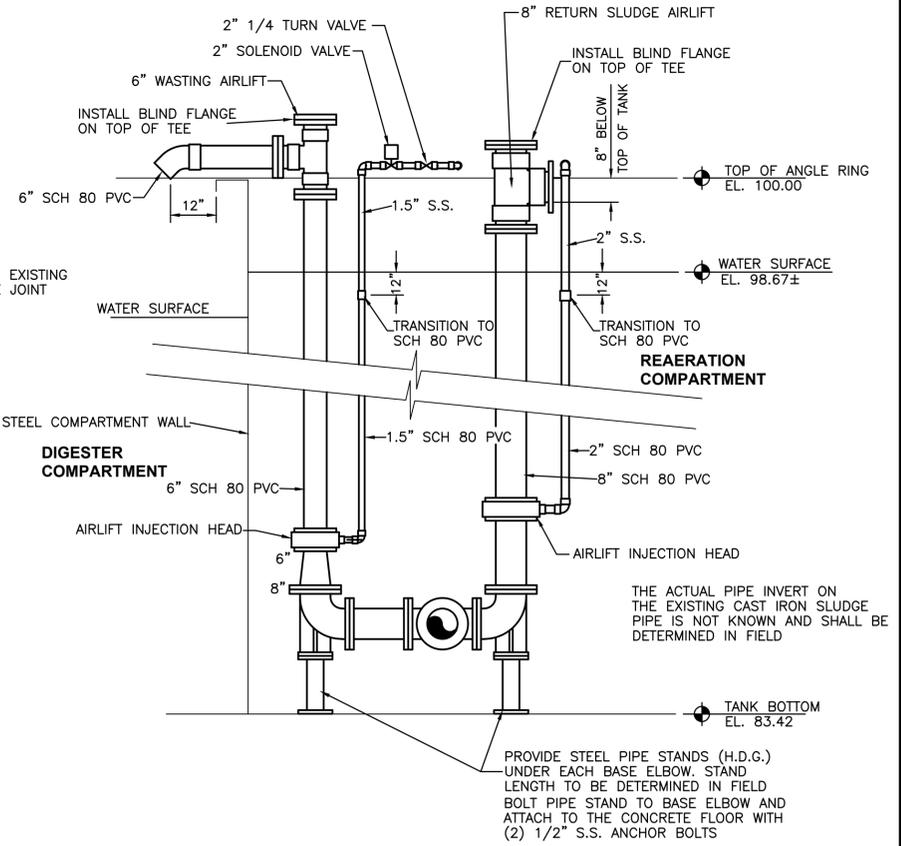
AEROBIC DIGESTER GRID INFORMATION
 1- TANK(S)
 1- GRID(S) PER TANK
 8- AIR HEADERS PER GRID
 VARIES- DIFFUSERS PER AIR HEADER
 266- DIFFUSERS PER GRID
 266- TOTAL DIFFUSERS INSTALLED

RE-AERATION GRID INFORMATION
 1- TANK(S)
 1- GRID(S) PER TANK
 7- AIR HEADERS PER GRID
 VARIES- DIFFUSERS PER AIR HEADER
 392- DIFFUSERS PER GRID
 392- TOTAL DIFFUSERS INSTALLED



NOTE

1. AT THE CONTRACTOR'S OPTION, THE MAIN AIR MANIFOLD CAN BE INSTALLED ABOVE GRADE ATTACHED TO THE OUTSIDE OF THE STEEL TANK. IF THIS OPTION IS SELECTED, THE PIPE SHALL BE SCH 40 STEEL UNPRIMED PIPE BEING EITHER ROLLED OR WELDED TOGETHER IN SEGMENTS. FLANGED JOINTS ARE ACCEPTABLE WITH USE OF APPROVED HIGH TEMPERATURE GASKETS. IF FLANGES ARE USED THE MINIMUM LENGTH BETWEEN FLANGES SHALL BE 15'. THE CONTRACTOR SHALL PROVIDE PROPERLY SIZED PIPE SUPPORTS AND SUBMIT FOR APPROVAL. THE EXPOSED EXTERIOR TANK WALL SURFACE SHALL BE REPAIRED AFTER THE INSTALLATION OF PIPE SUPPORTS AND RE-PAINTED USING THE PIPE COATING SPECIFICATIONS.
2. SHOULD THE AIR PIPE BE INSTALLED ABOVE GRADE, THE FOLLOWING COATING SPECIFICATIONS SHALL APPLY:
 SURFACE PREPARATION: FULL AMPP / SSPC SP6 COMMERCIAL BLAST OR AMPP / SSPC SP11 POWER TOOL CLEANING TO BARE METAL, PRIME COAT: TNEC SERIES 1 OMNITHANE APPLIED AT 3 DRY MILS, FINISH COATS: TWO COATS TNEC SERIES 73U-COLOR ENDURASHIELD APPLIED AT 3 DRY MILS PER COAT.



CONTACT GRID INFORMATION
 1- TANK(S)
 1- GRID(S) PER TANK
 8- AIR HEADERS PER GRID
 VARIES- DIFFUSERS PER AIR HEADER
 146- DIFFUSERS PER GRID
 146- TOTAL DIFFUSERS INSTALLED

PLAN VIEW

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 Drawing Name: G:\Users\G\OneDrive - Chamlin & Associates, Inc. - Granville WWP Improvements 2023\CAD\10-6-25 RE-BID\03-RE-BID-CLARIFIER PLAN.dwg Last Modified: Monday, October 06, 2025 7:30:38 AM Plotted On: Thursday, October 30, 2025 8:27:19 AM by Greg Hansen

| DRAWN BY: FDP | | REVISIONS | |
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| 1 | G.A.H. | 10/30/25 | RE-BID ADDENDUM 1 |

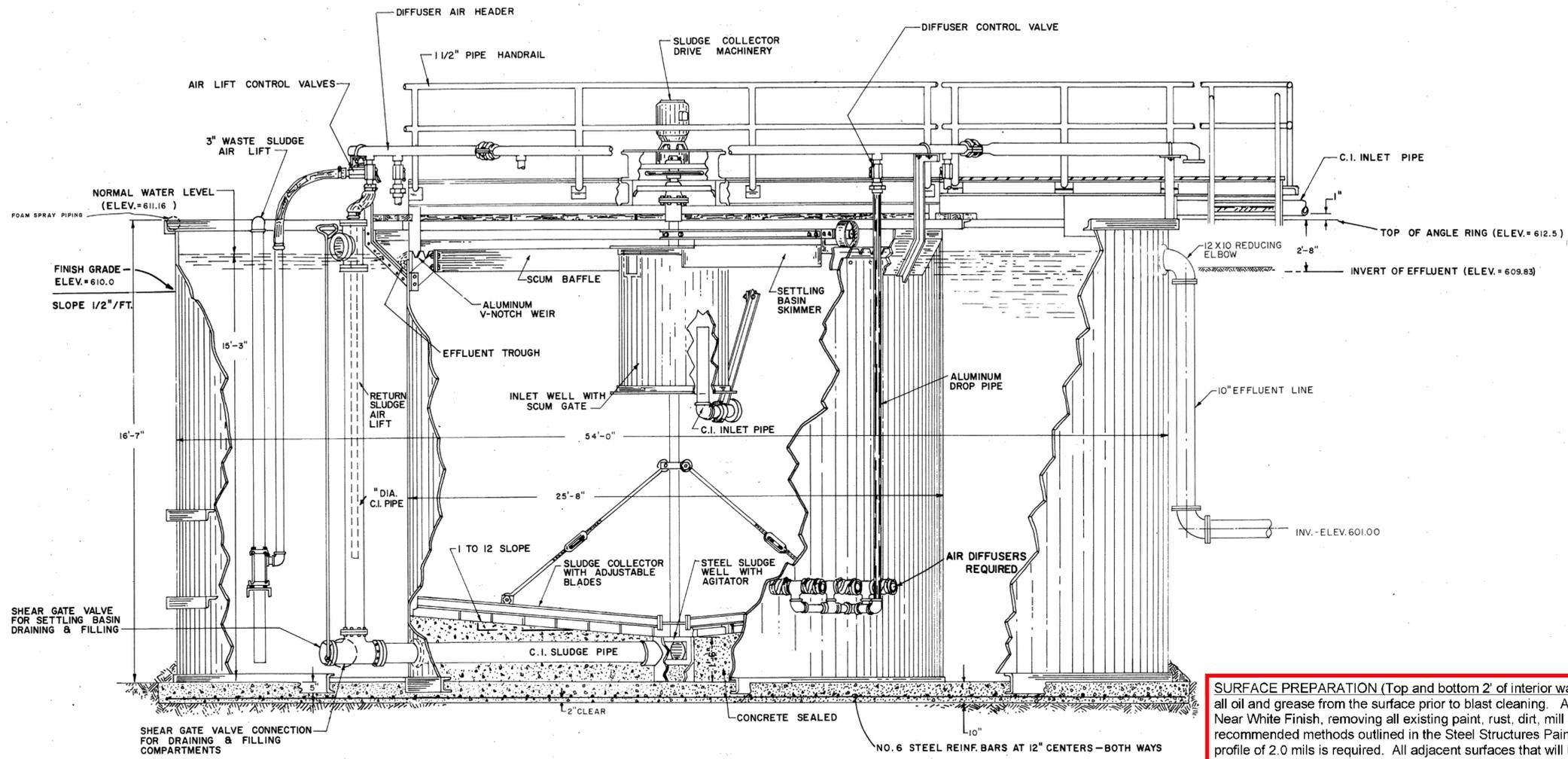
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 RE-BID 2025**

W.W.T.P. PLAN VIEW

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ELEVATION VIEW

BECAUSE UNEXPECTED WELDING MAY NEED TO BE PERFORMED WITHIN THE CLARIFIER COMPARTMENT THE CONTRACTOR SHOULD START WORK WITHIN THIS COMPARTMENT FIRST.

ALL SURFACES BELOW THE BRIDGE, EXCLUDING THE BRIDGE AND THE EXISTING PIPES BELOW THE BRIDGE, SHALL BE CLEANED AND PAINTED

SURFACE PREPARATION (Top and bottom 2' of interior walls, submerged equipment, etc.): Remove all oil and grease from the surface prior to blast cleaning. All surfaces to be abrasive blast cleaned to a Near White Finish, removing all existing paint, rust, dirt, mill scale and foreign matter by the recommended methods outlined in the Steel Structures Painting Council's Specification SP-10. A blast profile of 2.0 mils is required. All adjacent surfaces that will be overcoated in the transition from bare steel to existing coating to be abrasive blast cleaned to a Brush Blast Finish, by the recommended methods outlined in the Steel Structures Painting Council's Specification SP-7

PRIME COAT: Immediately after blasting and before any rusting occurs (within 12 hours maximum), apply one coat of Tnemec Series 1 Omnithane primer to all bare steel surfaces. This coating to be applied at a dry film thickness of 3.0 mils minimum.

STRIP COAT: Brush apply Tnemec Series N69F-1255 Hi-Build Epoxoline II to all weld seams and pitted / deteriorated surfaces.

FINISH COATS: Apply two complete coats of Tnemec Series 46H-413 Hi-Build Tnemec-Tar applied at a dry film thickness of 12.0 mils minimum per coat.

| | | |
|--|---|---------------|
| SANITARY SEWER SYSTEM GRANVILLE ILLINOIS | SEWAGE TREATMENT PLANT | SHEET |
| | DE JONG & ASSOCIATES 509 EMPIRE BLDG. ROCKFORD, ILL. | 7 OF 16 |

AS BUILT NOV. 1970
DW-2-300-2 494

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Drawing Name: G:\Users\jg950-00\Documents\2023\CAD\004-RE-BID CLARIFIER ELEVATION.dwg Last Modified: Monday, October 06, 2025 7:06:08 AM Plotted On: Monday, October 06, 2025 7:06:08 AM by Gregg Hansen

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| DATE: 06/2024 | | | | | |

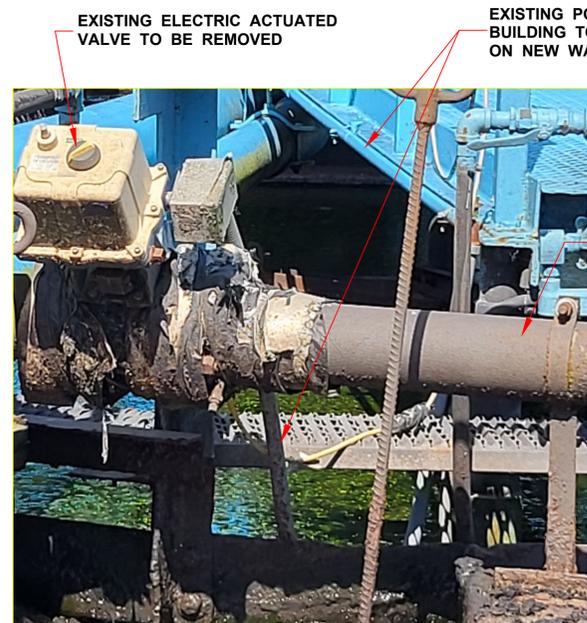
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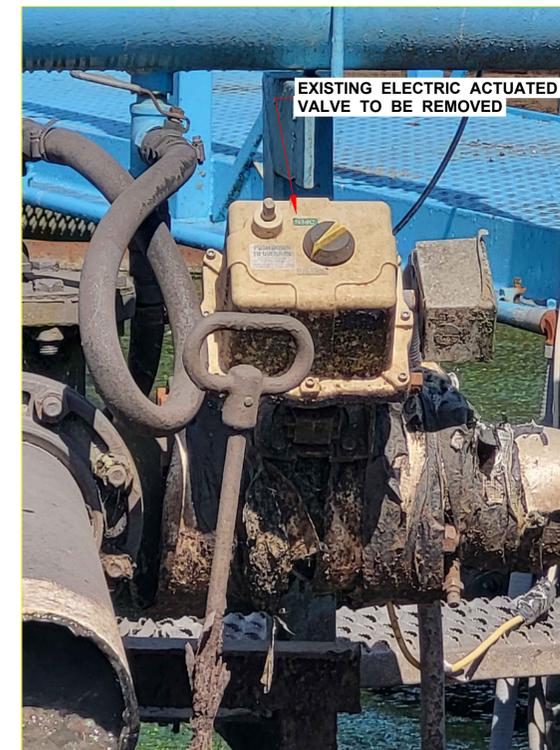
VILLAGE OF GRANVILLE
WWTP IMPROVEMENTS
RE-BID 2025

W.W.T.P. ELEVATION VIEW

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EXISTING POWER FEED FROM TIMER IN THE BLOWER BUILDING TO BE EXTENDED TO NEW SOLENOID VALVE ON NEW WASTING AIRLIFT



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Drawing Name: G:\Users\jg950-00\OneDrive - Chamlin & Associates, Inc.\Documents\2023\CAD\005-RE-BID AIRLIFT IMPROVEMENTS.dwg - Last Modified: Monday, October 06, 2025 7:08:17 AM - Plotted On: Monday, October 06, 2025 7:08:17 AM - by: Gregg Hansen

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| DATE: 7/22/24 | | | | |

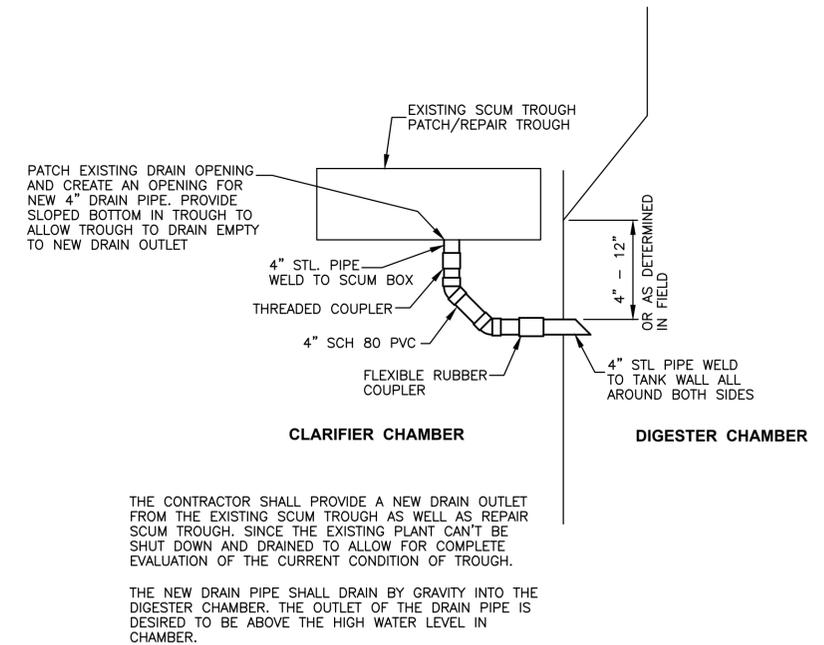
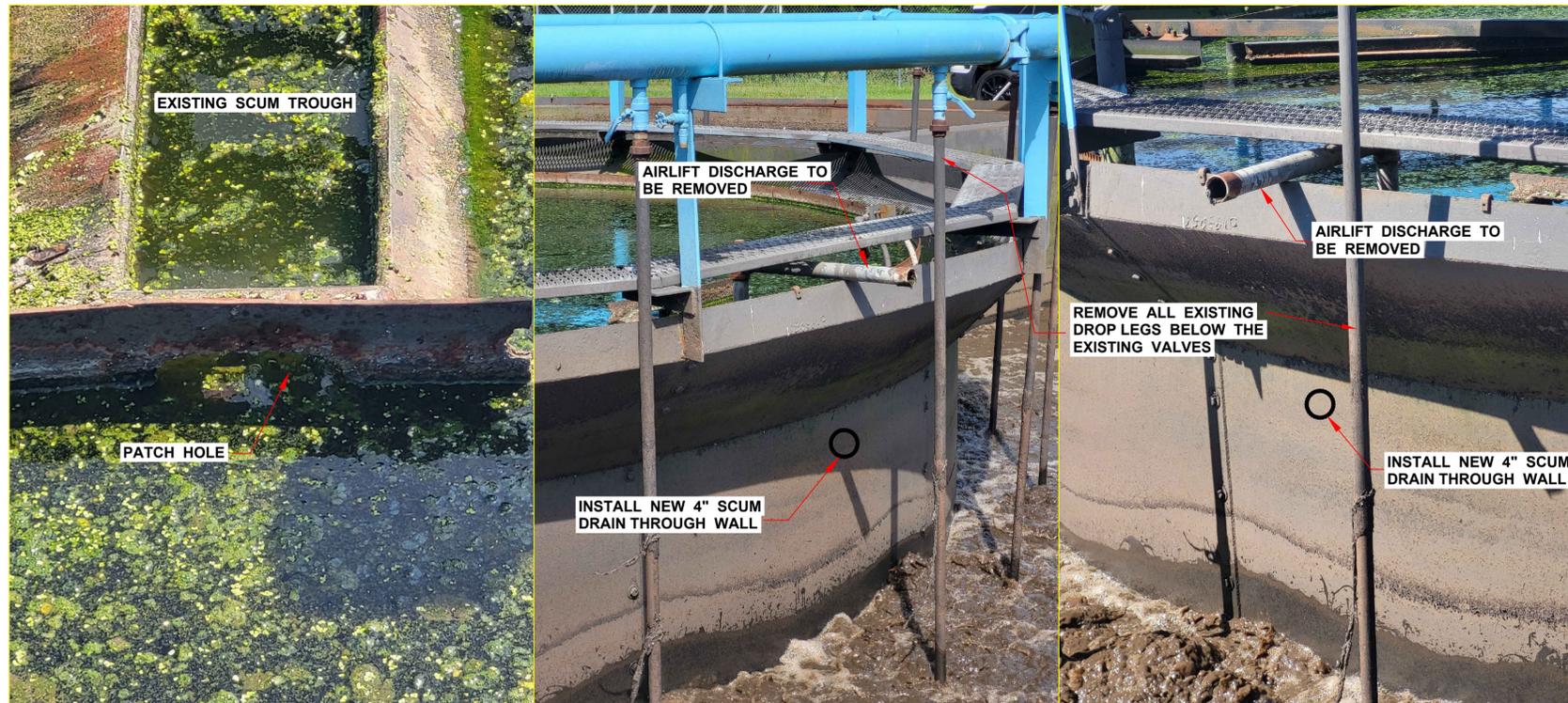


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WWTP IMPROVEMENTS
RE-BID 2025**

**IMPROVEMENT IMAGES
AIRLIFT IMPROVEMENTS**

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| RE-BIDDING PLANS | CURRENT AS OF: 10/6/25 | |
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| | FILE NO.: 5950-00 Y- | OF 6 |



THE CONTRACTOR SHALL PROVIDE A NEW DRAIN OUTLET FROM THE EXISTING SCUM TROUGH AS WELL AS REPAIR SCUM TROUGH. SINCE THE EXISTING PLANT CAN'T BE SHUT DOWN AND DRAINED TO ALLOW FOR COMPLETE EVALUATION OF THE CURRENT CONDITION OF TROUGH.

THE NEW DRAIN PIPE SHALL DRAIN BY GRAVITY INTO THE DIGESTER CHAMBER. THE OUTLET OF THE DRAIN PIPE IS DESIRED TO BE ABOVE THE HIGH WATER LEVEL IN CHAMBER.

SCUM TROUGH MODIFICATION DETAIL

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 Drawing Name: G:\Users\GJ\9590-00-Granville WWP Improvements 2023\CAD\006-RE-BID-SCUM TROUGH IMPROVEMENTS.dwg Last Modified: Monday, October 06, 2025 7:13:19 AM Plotted On: Monday, October 06, 2025 7:14:02 AM by: Greg Hansen

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| CHECKED BY: DWB | | | | | |
| DATE: 7/22/24 | | | | | |

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**VILLAGE OF GRANVILLE
WWTP IMPROVEMENTS
RE-BID 2025**

SCUM TROUGH IMPROVEMENTS

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| RE-BIDDING PLANS | CURRENT AS OF: 10/6/25 | |
| | SCALE: NOTED | SHEET 6 |
| | FILE NO.: 5950-00 Y- | OF 6 |