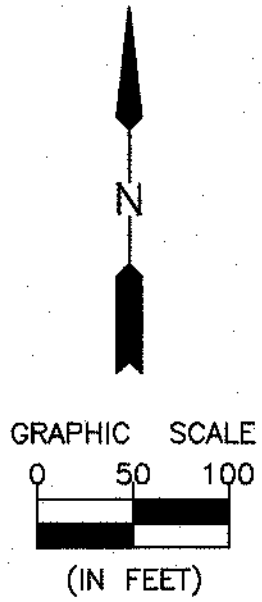
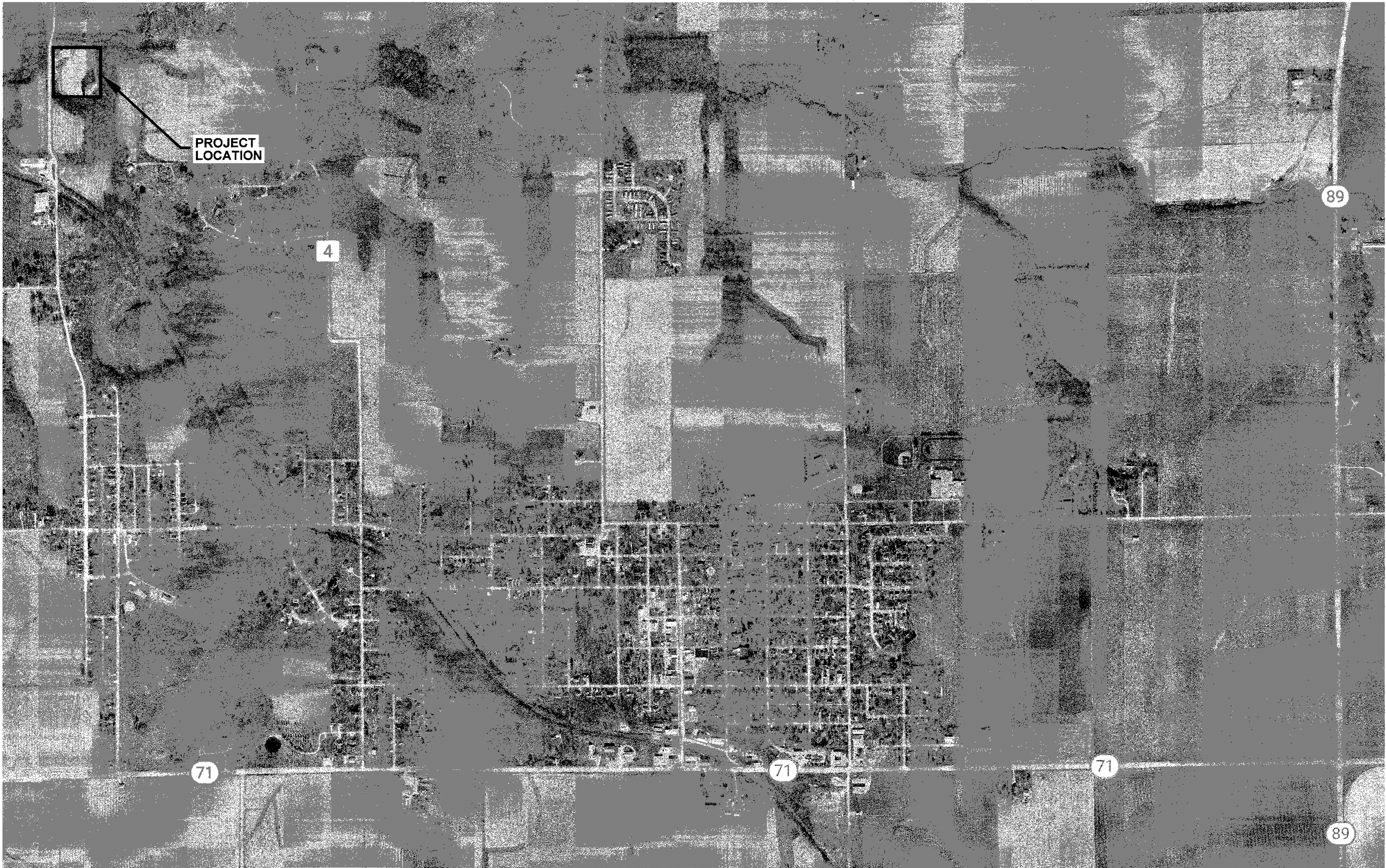


VILLAGE OF GRANVILLE  
WASTE WATER TREATMENT PLANT IMPROVEMENTS  
RE-BID 2025



**VILLAGE PRESIDENT**  
JARED BAKER

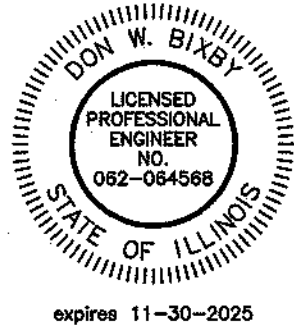
**TRUSTEES**

JAMES PETTIT      BOB COFOID, JR.  
JEFF GREATHOUSE      PAT HOLST  
SHEREE EGAN      JAMES HARTMAN

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 SITE PLAN - AIR PIPING
- 3 WWTP PLAN VIEW
- 4 WWTP ELEVATION VIEW
- 5 AIRLIFT IMPROVEMENT IMAGES
- 6 SCUM TROUGH IMPROVEMENT IMAGES

10/6/25  
DATE



*Don W. Birky*  
signature  
PROFESSIONAL DESIGN FIRM  
LICENSE NO. 184-001717



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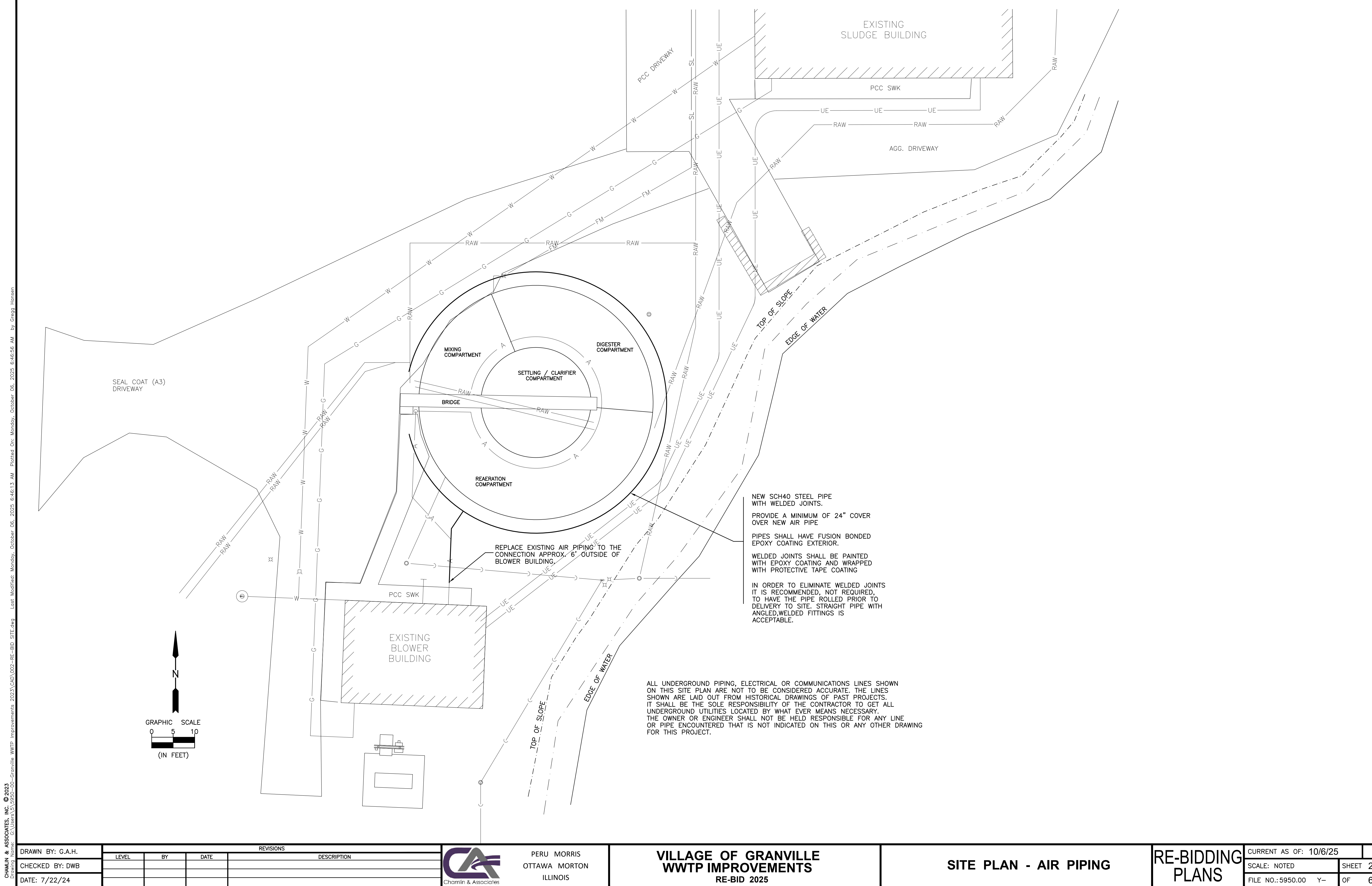
PERU MORRIS  
OTTAWA MENDOTA  
ILLINOIS

DRAWN BY: FDAP	REVISIONS			
CHECKED BY: CHECKED	LEVEL	BY	DATE	DESCRIPTION
DATE: 06/2024				

**RE-BIDDING  
PLANS**


CURRENT AS OF: 10/6/25		
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FILE NO.: 5950-00 Y-	OF 6	





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DATE: 7/22/24				



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OTTAWA MORTON  
ILLINOIS

VILLAGE OF GRANVILLE  
WWTP IMPROVEMENTS  
RE-BID 2025

SITE PLAN - AIR PIPING

RE-BIDDING PLANS		CURRENT AS OF: 10/6/25	
SCALE: NOTED		SHEET 2	
FILE NO.: 5950.00		Y- OF 6	

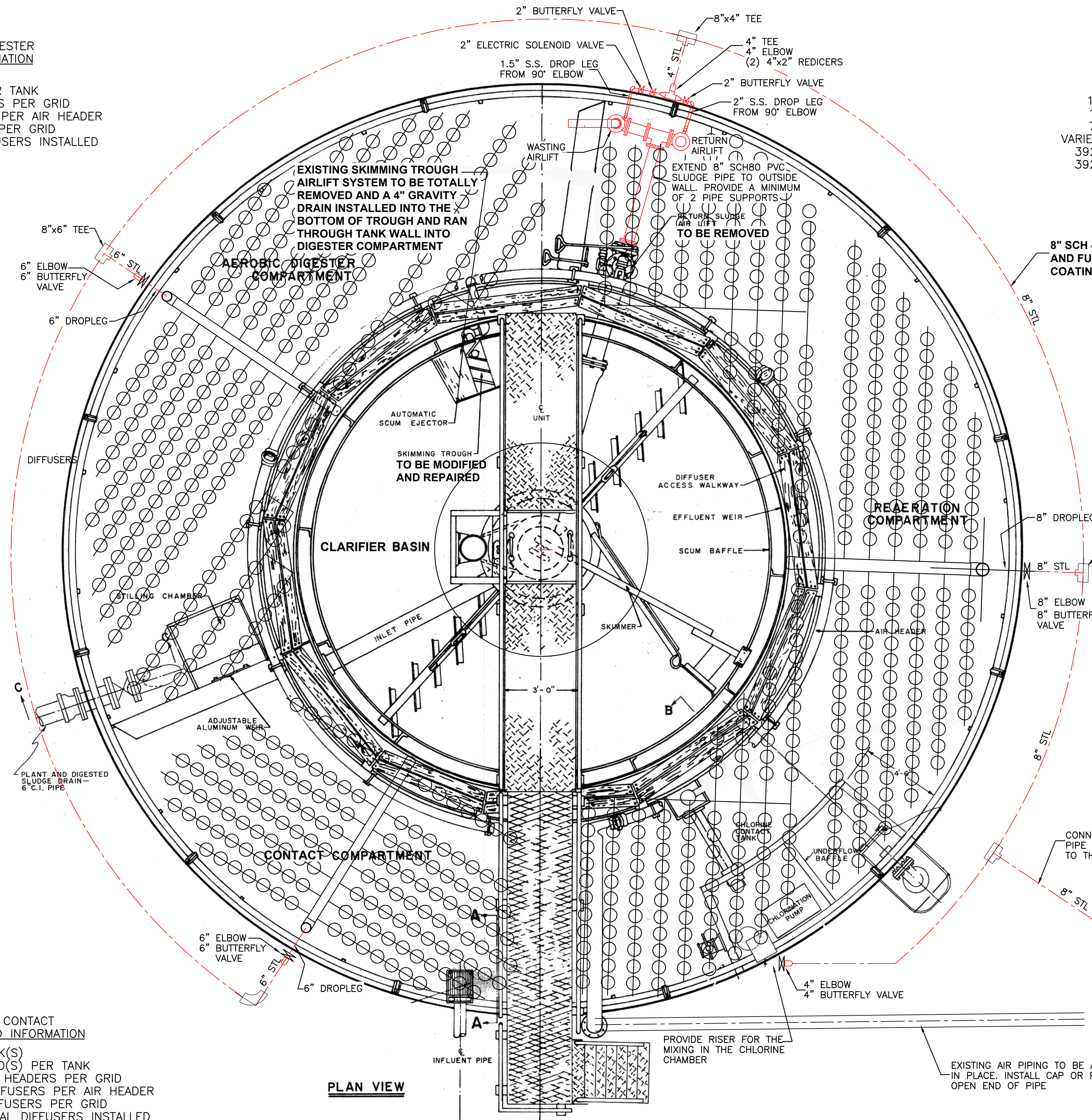


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**AEROBIC DIGESTER  
GRID INFORMATION**  
1- TANK(S)  
1- GRID(S) PER TANK  
8- AIR HEADERS PER GRID  
VARIES- DIFFUSERS PER AIR HEADER  
266- DIFFUSERS PER GRID  
266- TOTAL DIFFUSERS INSTALLED

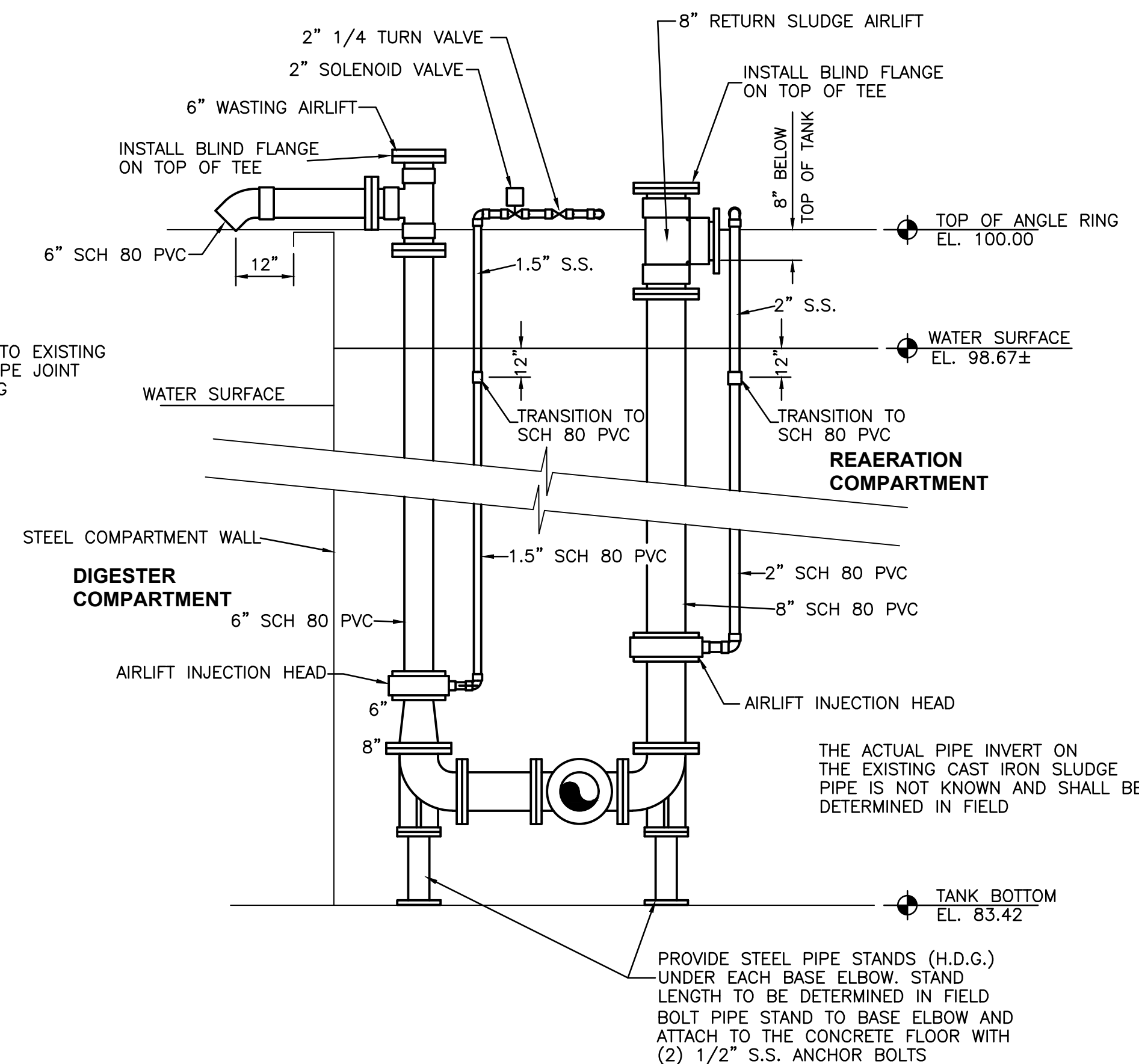
**RE-AERATION  
GRID INFORMATION**  
1- TANK(S)  
1- GRID(S) PER TANK  
7- AIR HEADERS PER GRID  
VARIES- DIFFUSERS PER AIR HEADER  
392- DIFFUSERS PER GRID  
392- TOTAL DIFFUSERS INSTALLED

BACKGROUND 1967 PDF PROVIDED  
FOR INFORMATIONAL PURPOSES ONLY.  
CONTRACTOR SHALL CONFIRM ALL DETAILS.



**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**

REVISIONS				
LEVEL	BY	DATE	DESCRIPTION	
1	G.A.H.	10/30/25	RE-BID ADDENDUM 1	



PERU MORRIS  
OTTAWA MORTON  
ILLINOIS

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

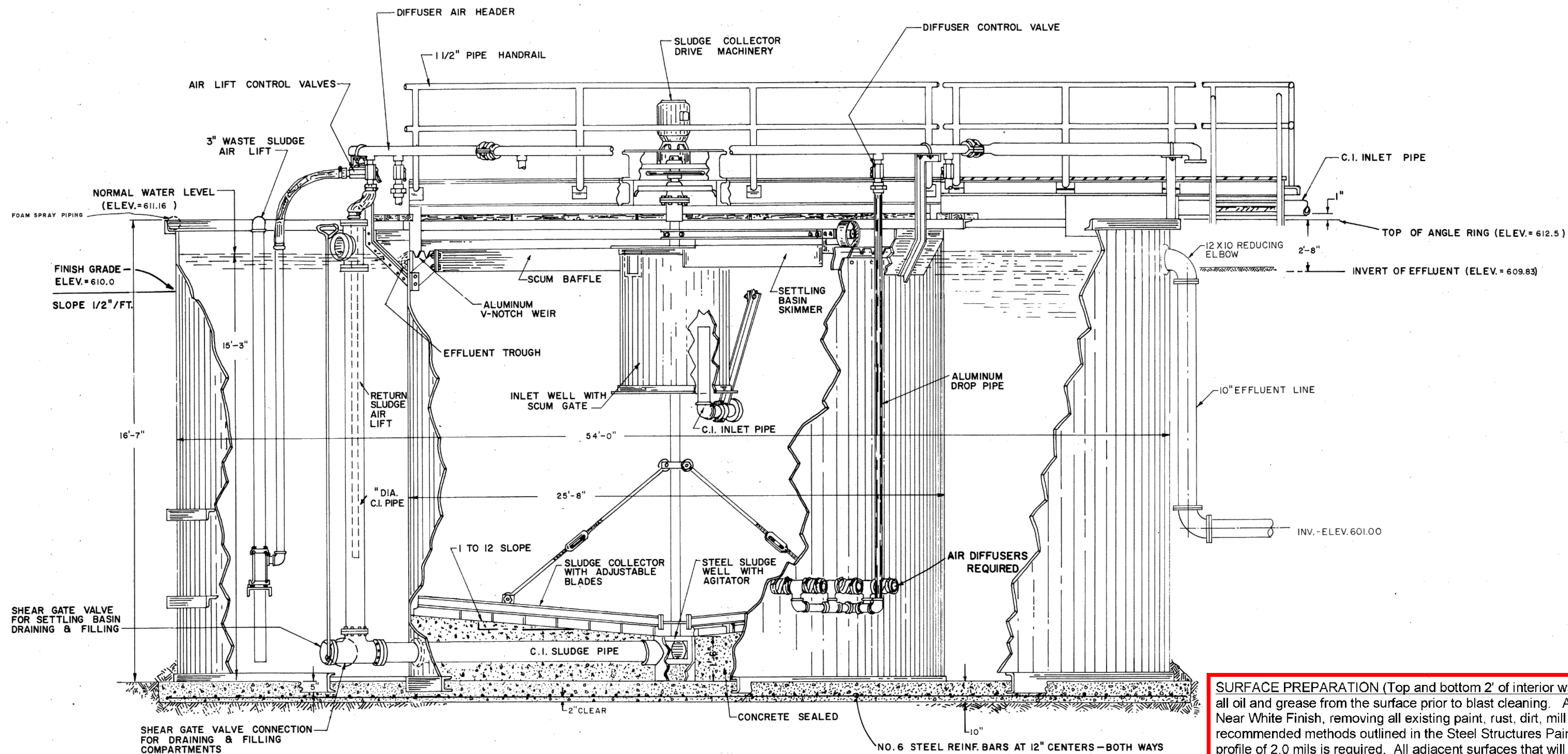
**W.W.T.P. PLAN VIEW**

**RE-BIDDING  
PLANS**

CURRENT AS OF: 10/6/25	
SCALE: NOTED	SHEET 3
FILE NO.: 5950-00 Y-	OF 6



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CONTRACTOR SHALL CONFIRM ALL DETAILS.



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.

**STRIPE 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 7 OF 16	
DE JONG & ASSOCIATES 509 EMPIRE BLDG. ROCKFORD, ILL.		MAY-1967		AS BUILT NOV. 1970	

DW-2-200-2 494

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	LEVEL	BY	DATE	DESCRIPTION
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DATE: 06/2024				



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ILLINOIS

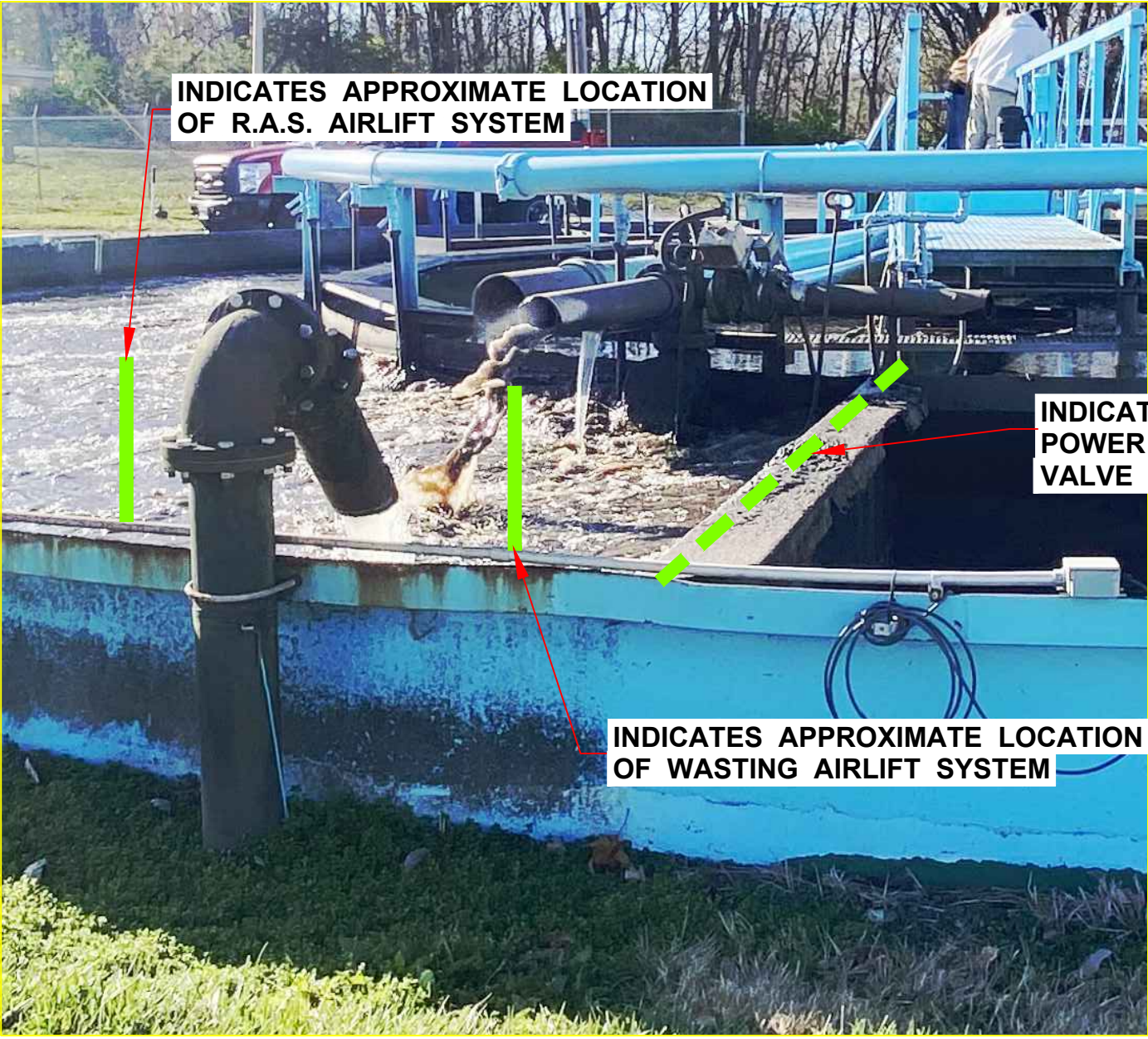
VILLAGE OF GRANVILLE  
WWTP IMPROVEMENTS  
RE-BID 2025

W.W.T.P. ELEVATION VIEW

RE-BIDDING  
PLANS

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By: Gregg Hansen

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CHECKED BY: DWB	LEVEL	BY	DATE	DESCRIPTION
DATE: 7/22/24				



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OTTAWA MORTON  
ILLINOIS

VILLAGE OF GRANVILLE  
WWTP IMPROVEMENTS  
RE-BID 2025

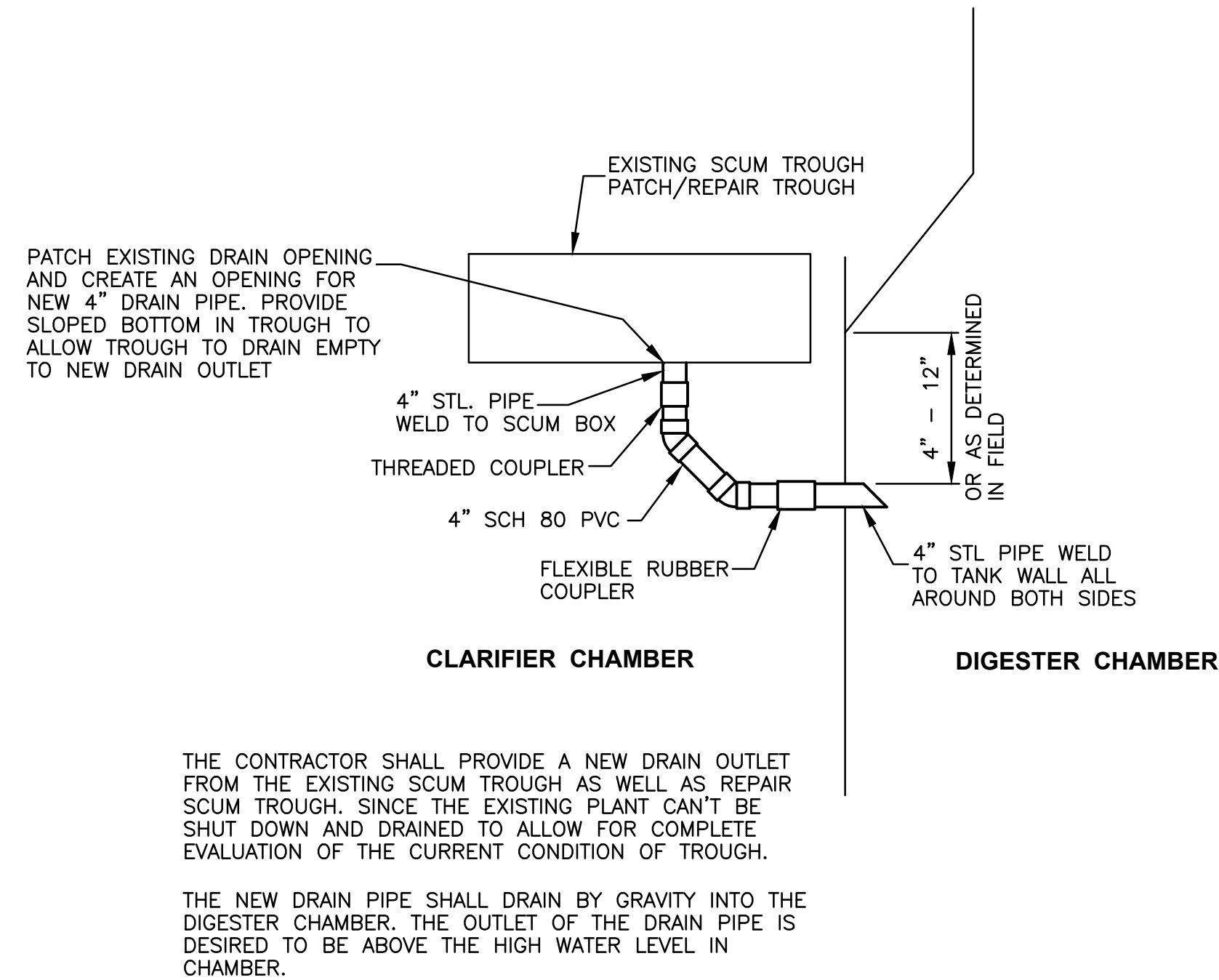
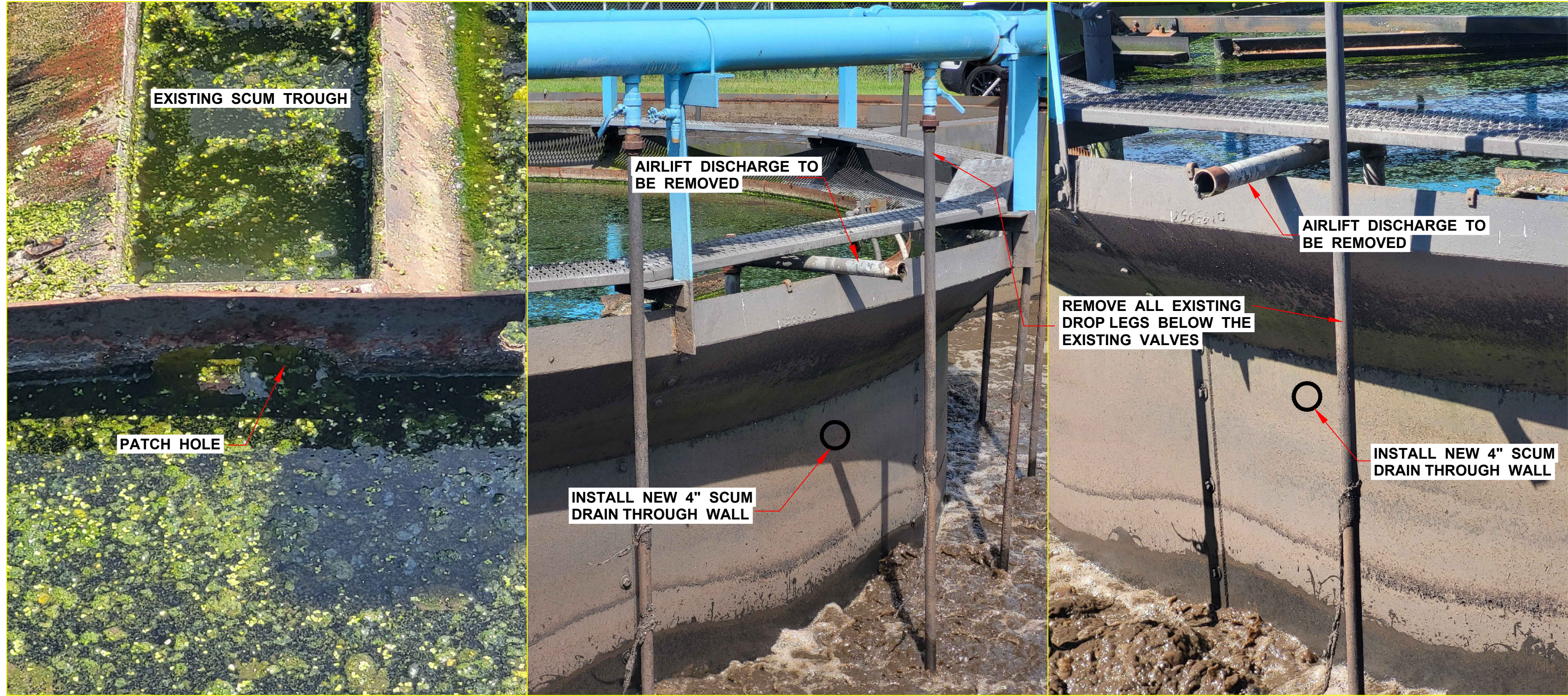
IMPROVEMENT IMAGES  
AIRLIFT IMPROVEMENTS

RE-BIDDING  
PLANS

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SCUM TROUGH MODIFICATION DETAIL

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DATE: 7/22/24				



VILLAGE OF GRANVILLE  
WWTP IMPROVEMENTS  
RE-BID 2025

SCUM TROUGH IMPROVEMENTS

RE-BIDDING  
PLANS

CURRENT AS OF: 10/6/25	
SCALE: NOTED	SHEET 6
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