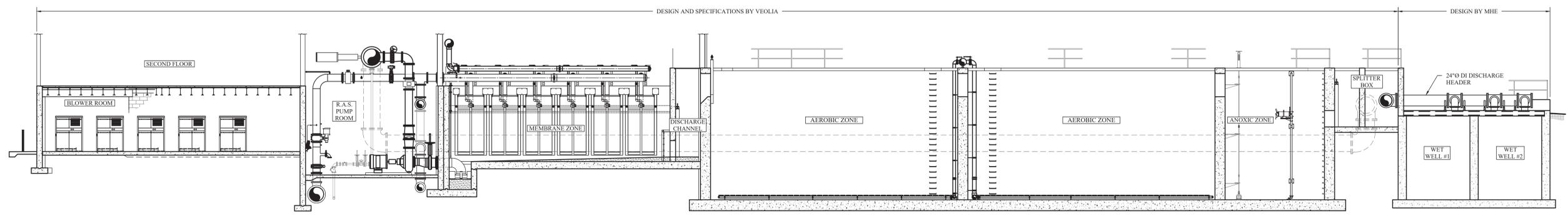
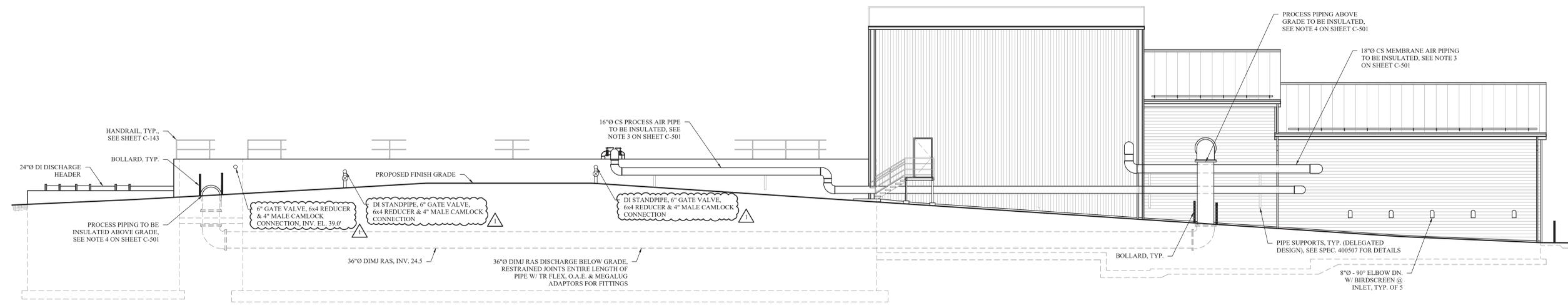


BID SET



1 MBR - LONGITUDINAL SECTION
 SCALE: 1/8" = 1'-0"



2 MBR - REAR ELEVATION
 SCALE: 1/8" = 1'-0"

HAZARDOUS MATERIAL NOTE:
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 145 CAESARS LN.
 NEW WINDSOR, NY 12553
 FOR TOWN OF NEW WINDSOR
 555 UNION AVE.
 NEW WINDSOR, NY 12553

MBR - OVERALL PROCESS SECTION AND REAR ELEVATION

REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDENDUM 2	06/2025

ISSUED DATE: 18 APR. 2025
 DESIGN BY: JTW
 DRAWN BY: HPBj
 CHECKED BY: MWV
 REVIEWED BY: MJS, JZ

SHEET NO.
C-502
 PROJECT # 18-732 PHASE #

BID SET

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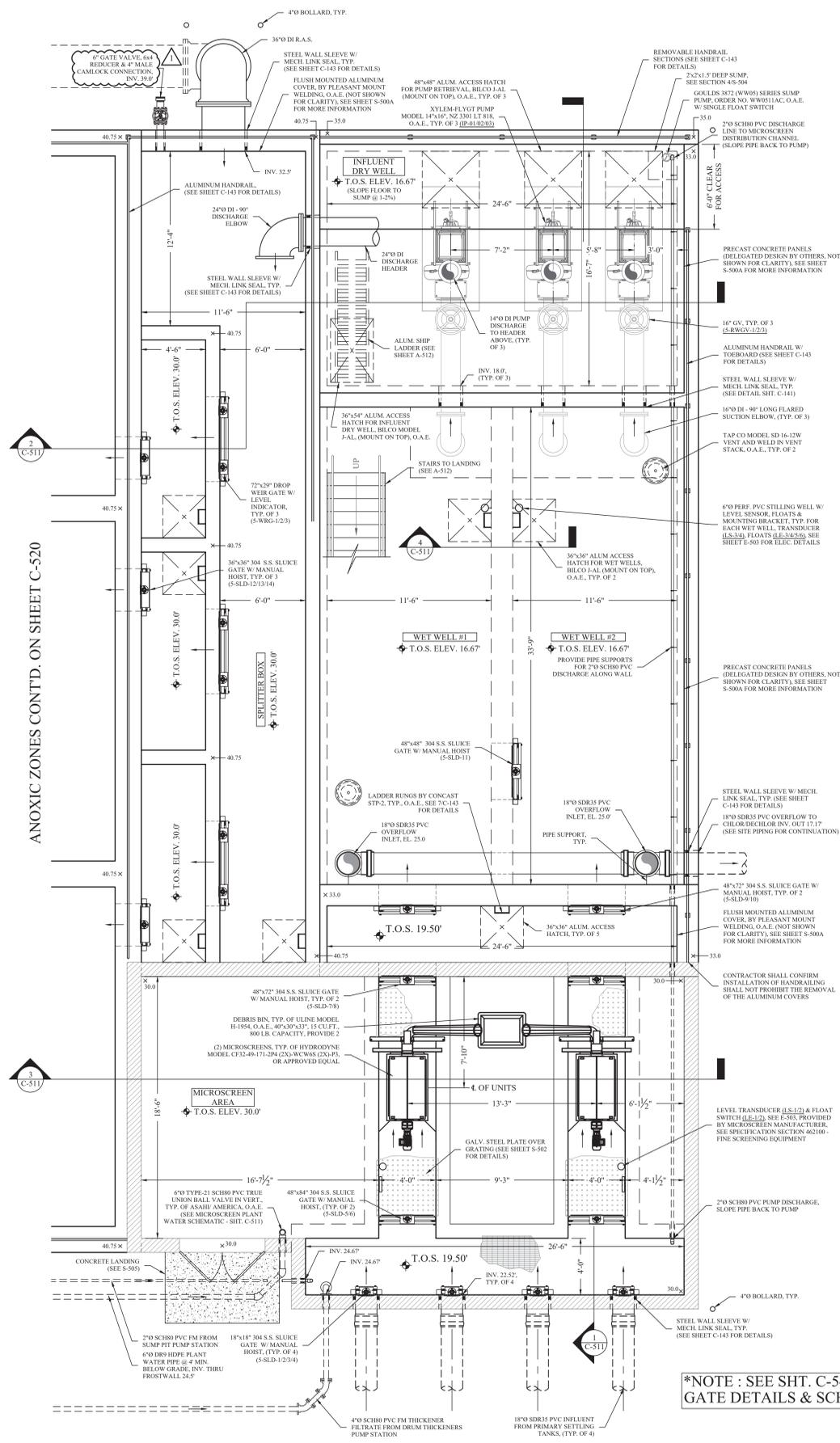
CAESARS LANE WWTP EXPANSION PROJECT:
PHASE 2
 145 CAESARS LN.
 NEW WINDSOR, NY 12553
 FOR TOWN OF NEW WINDSOR
 555 UNION AVE.
 NEW WINDSOR, NY 12553

MBR - INFLUENT PUMPS & MICROSCREEN PLAN

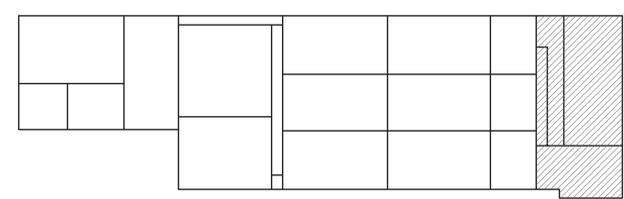
REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDENDUM 2	06/20/25

ISSUED DATE:	18 APR. 2025
DESIGN BY:	JTW
DRAWN BY:	HPBjr
CHECKED BY:	MWW
REVIEWED BY:	MJS, JZ

SHEET NO.
C-510
 PROJECT # 18-732 PHASE #



A MBR - INFLUENT PUMPS & MICROSCREEN PLAN
 SCALE: 1/4" = 1'-0"



KEY PLAN
 SCALE: 1/32" = 1'-0"

P:\2018\18-732 Caesars Lane WWTP Improvements\Expansion Phase\Drawings - MBR\Process\Addendum 2\PLANS AND SECTIONS\C-510.dwg, C-510, 02/20/25, 11:01:10 AM

BID SET

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PHASE 2
 145 CAESARS LN.
 NEW WINDSOR, NY 12553
 FOR TOWN OF NEW WINDSOR
 555 UNION AVE.
 NEW WINDSOR, NY 12553

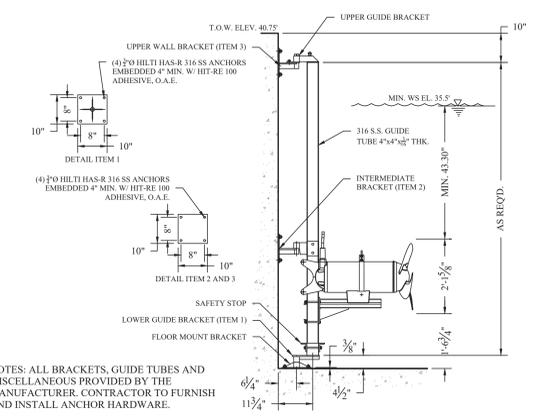
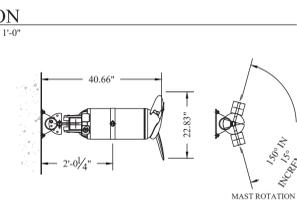
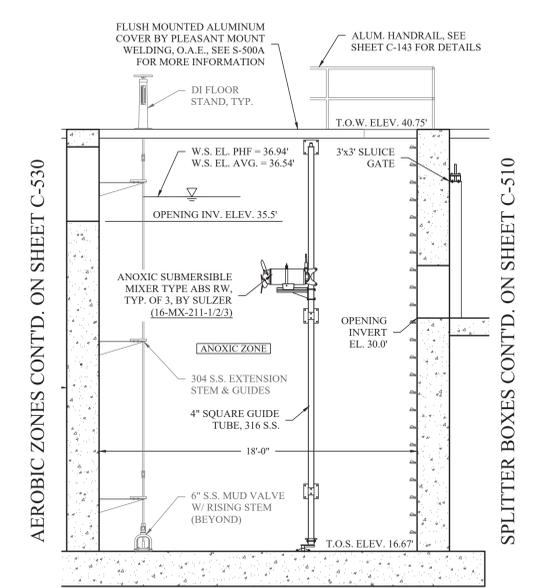
MBR - ANOXIC ZONE TANK PLAN, SECTIONS & DETAILS

REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDENDUM 2	06/2025

ISSUED DATE: 18 APR. 2025
 DESIGN BY: JTW
 DRAWN BY: HPBjr
 CHECKED BY: MWW
 REVIEWED BY: MJS, JZ

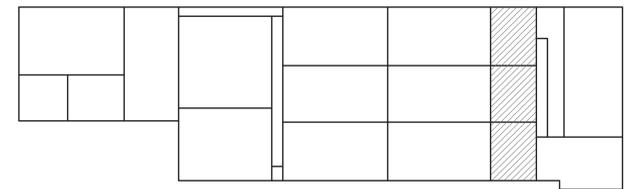
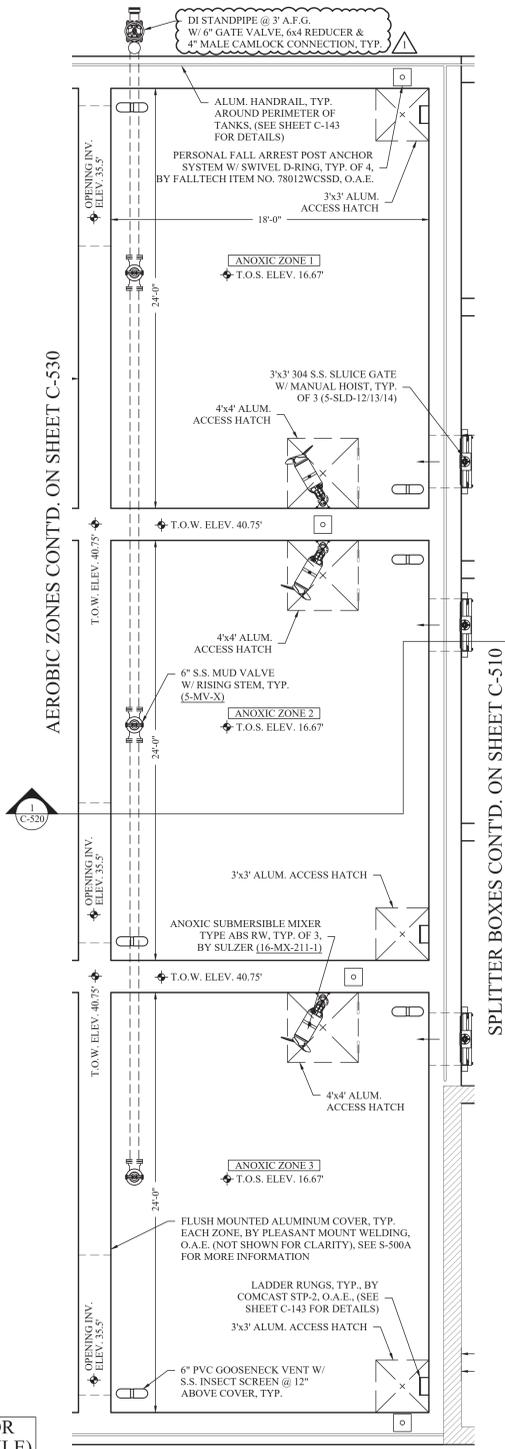
C-520

PROJECT # 18-732 PHASE #



NOTES: ALL BRACKETS, GUIDE TUBES AND MISCELLANEOUS PROVIDED BY THE MANUFACTURER. CONTRACTOR TO FURNISH AND INSTALL ANCHOR HARDWARE.

*NOTE : SEE SHT. C-544 FOR GATE DETAILS & SCHEDULE)



KEY PLAN
 SCALE: 1/32" = 1'-0"

BID SET

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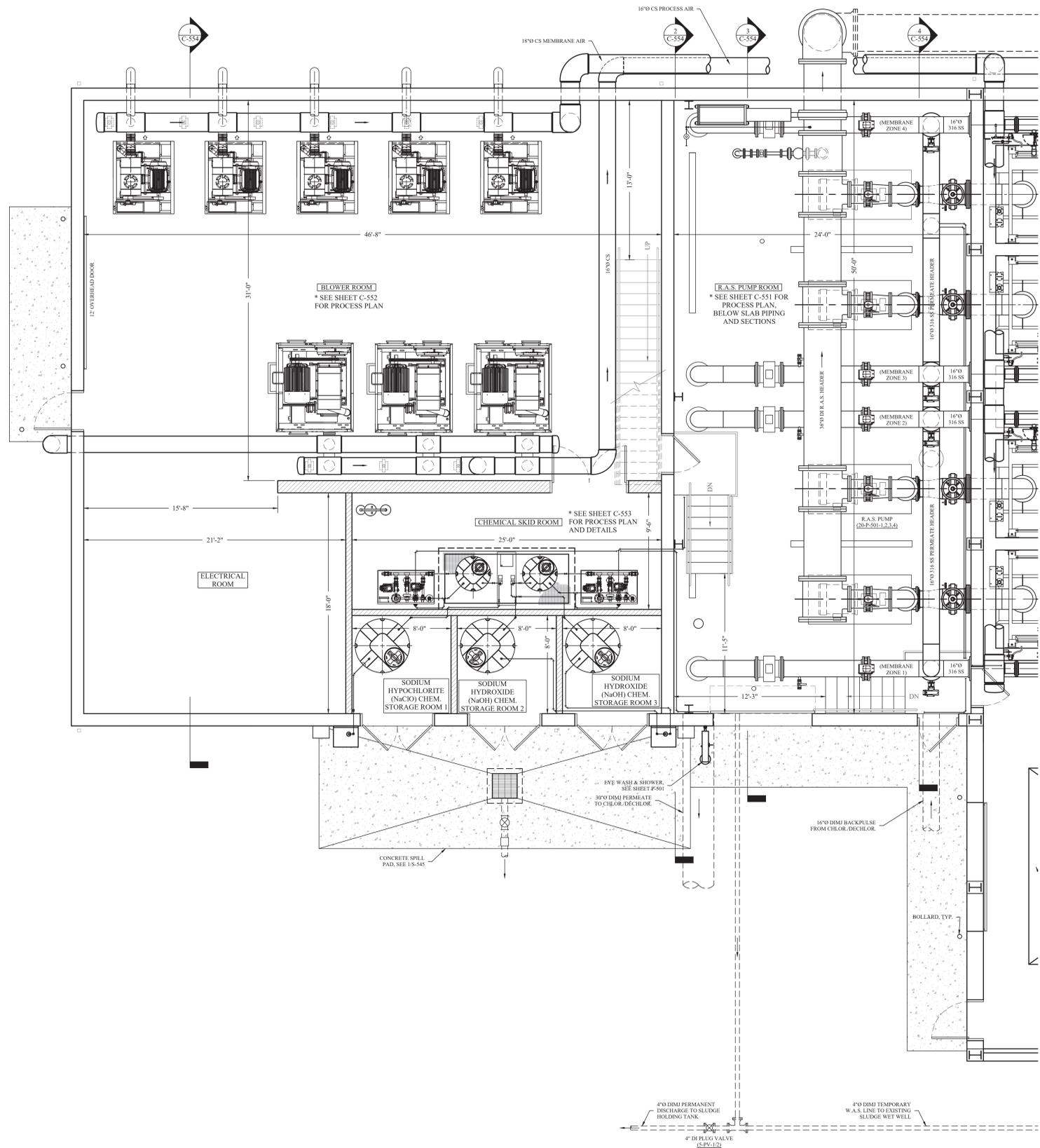
CAESARS LANE WWTP EXPANSION PROJECT: PHASE 2
 145 CAESARS LN.
 NEW WINDSOR, NY 12553
 FOR TOWN OF NEW WINDSOR
 555 UNION AVE.
 NEW WINDSOR, NY 12553

MBR - FIRST FLOOR PROCESS PLAN AND SECOND FLOOR PLAN

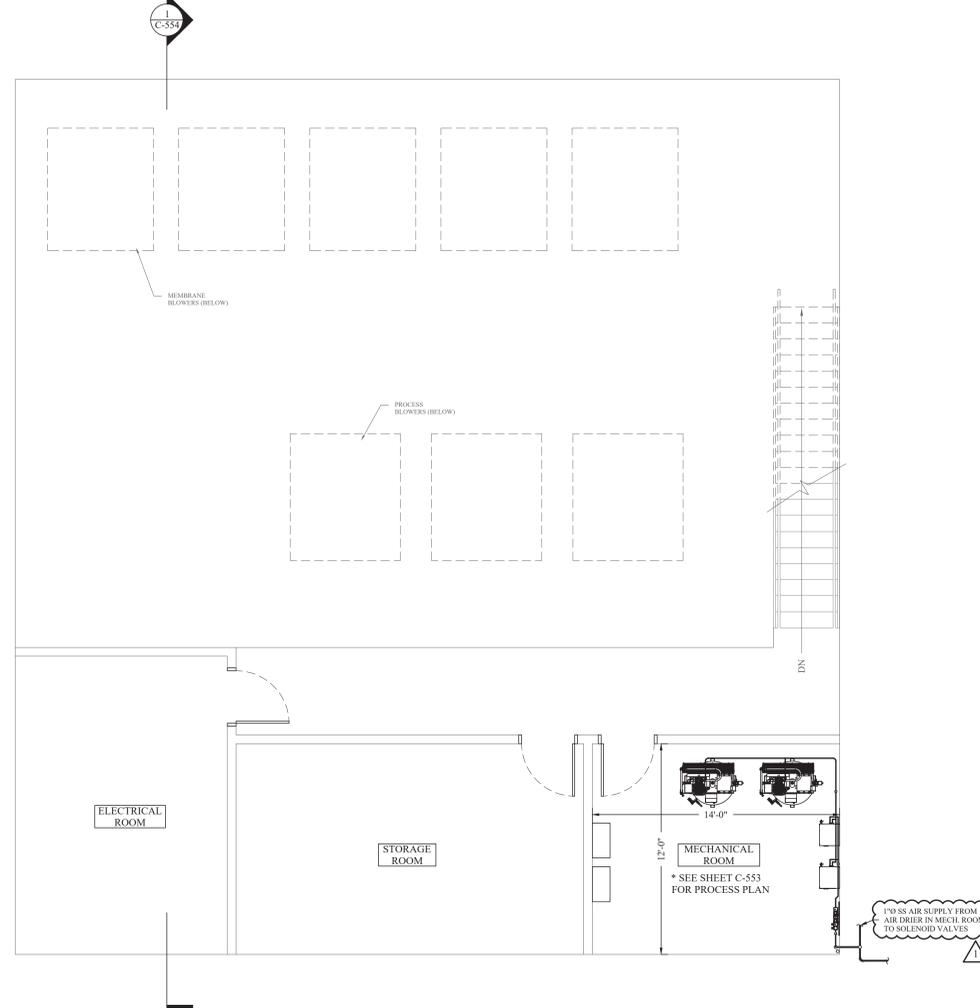
REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDENDUM 2	06/2025

ISSUED DATE: 18 APR. 2025
 DESIGN BY: JTW
 DRAWN BY: HPB/j
 CHECKED BY: MWW
 REVIEWED BY: MJS, JZ

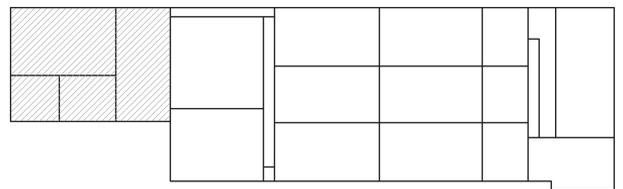
SHEET NO.
C-550
 PROJECT # 18-732 PHASE #



A MBR - FIRST FLOOR PROCESS PLAN
 SCALE: 1/4" = 1'-0"

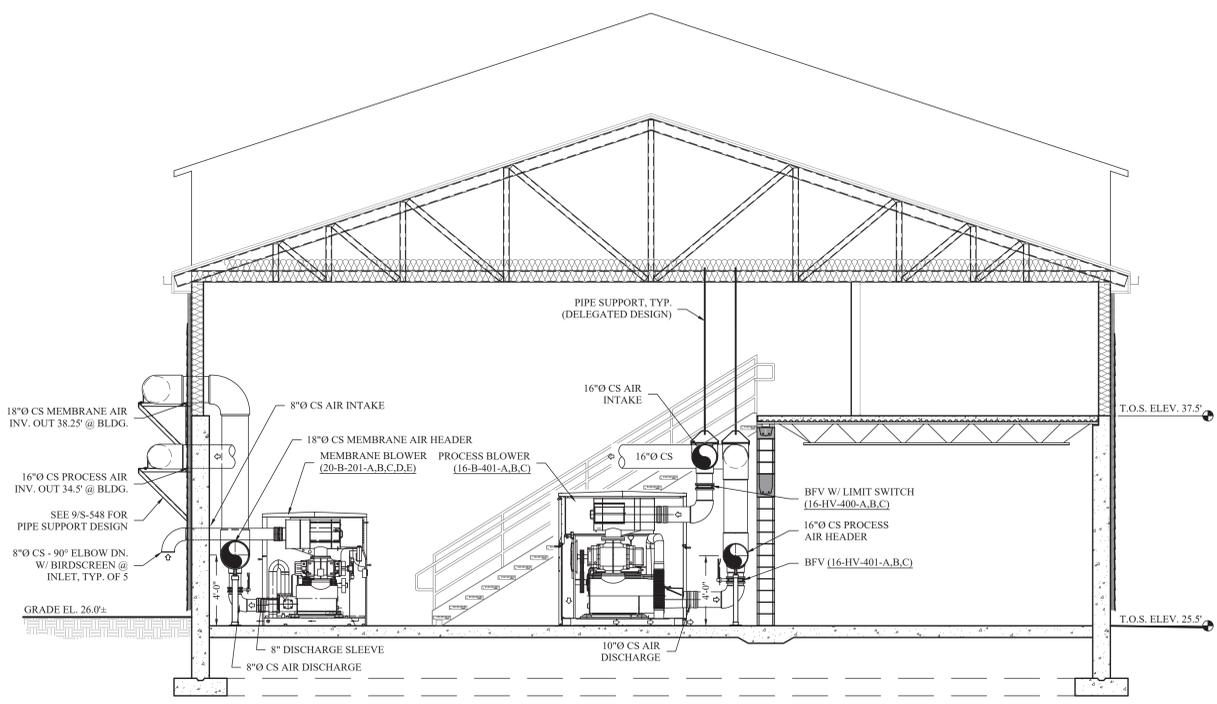


B MBR - SECOND FLOOR PLAN
 SCALE: 1/4" = 1'-0"

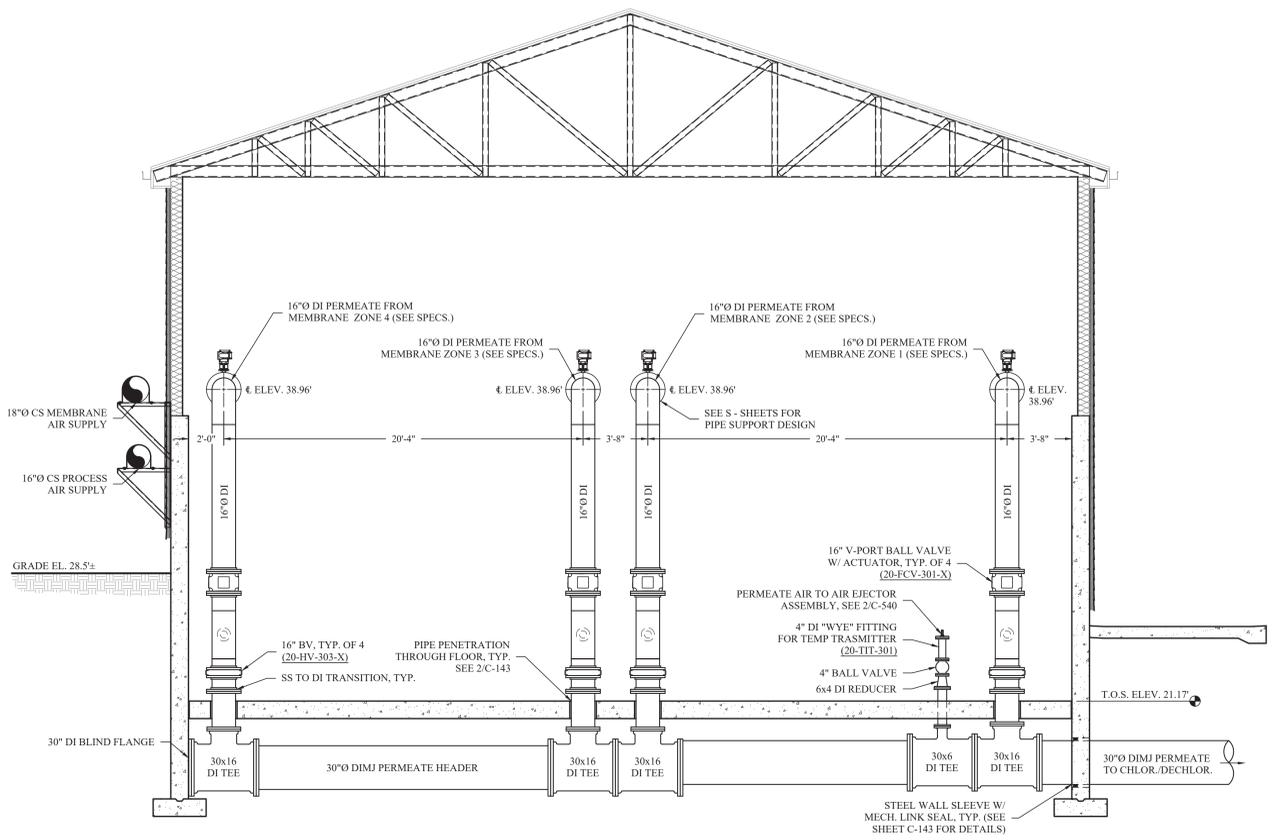


KEY PLAN
 SCALE: 1/32" = 1'-0"

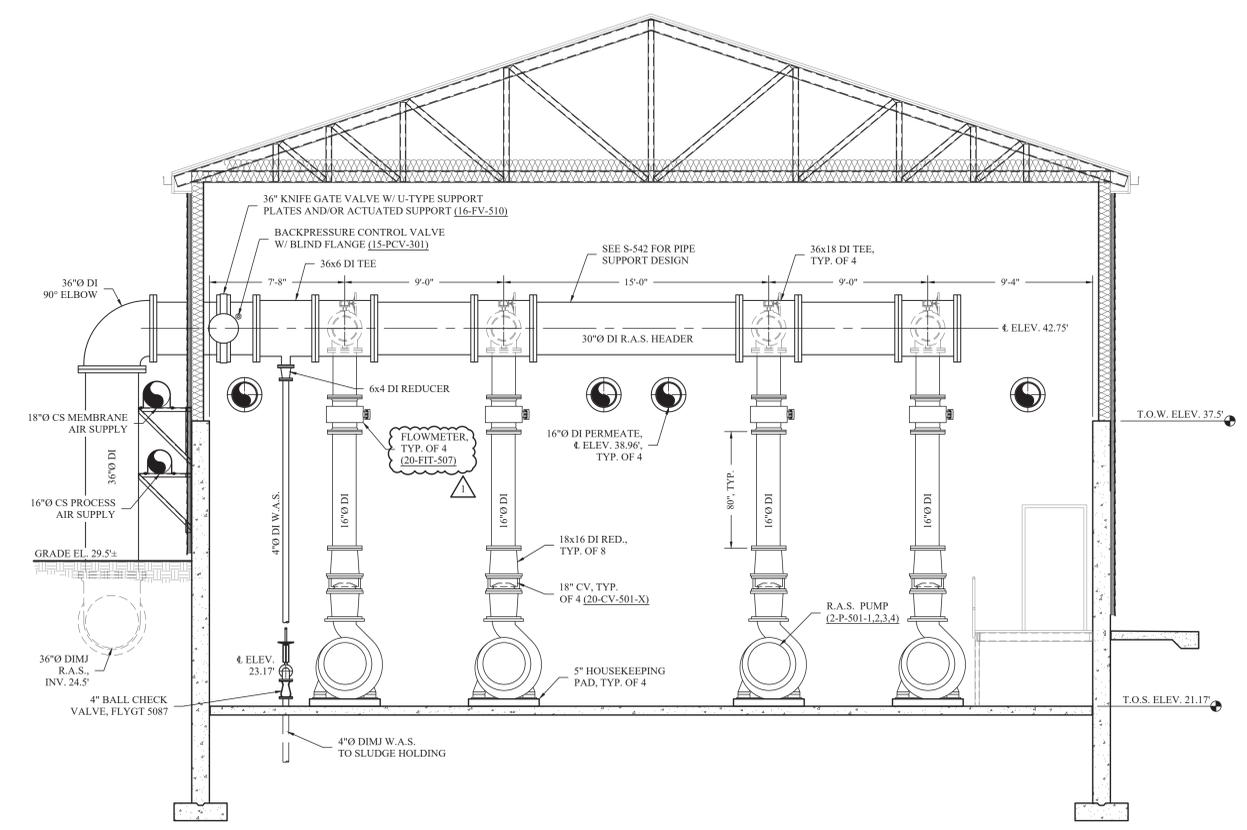
P:\2018\18-732 Caesars Lane WWTP Improvement\Expansion Phase\Drawings\MBR\Process\Addendum 2\PLANS AND SECTIONS\C-550.dwg, C-550, 12/20/2025, 10:30:52 AM



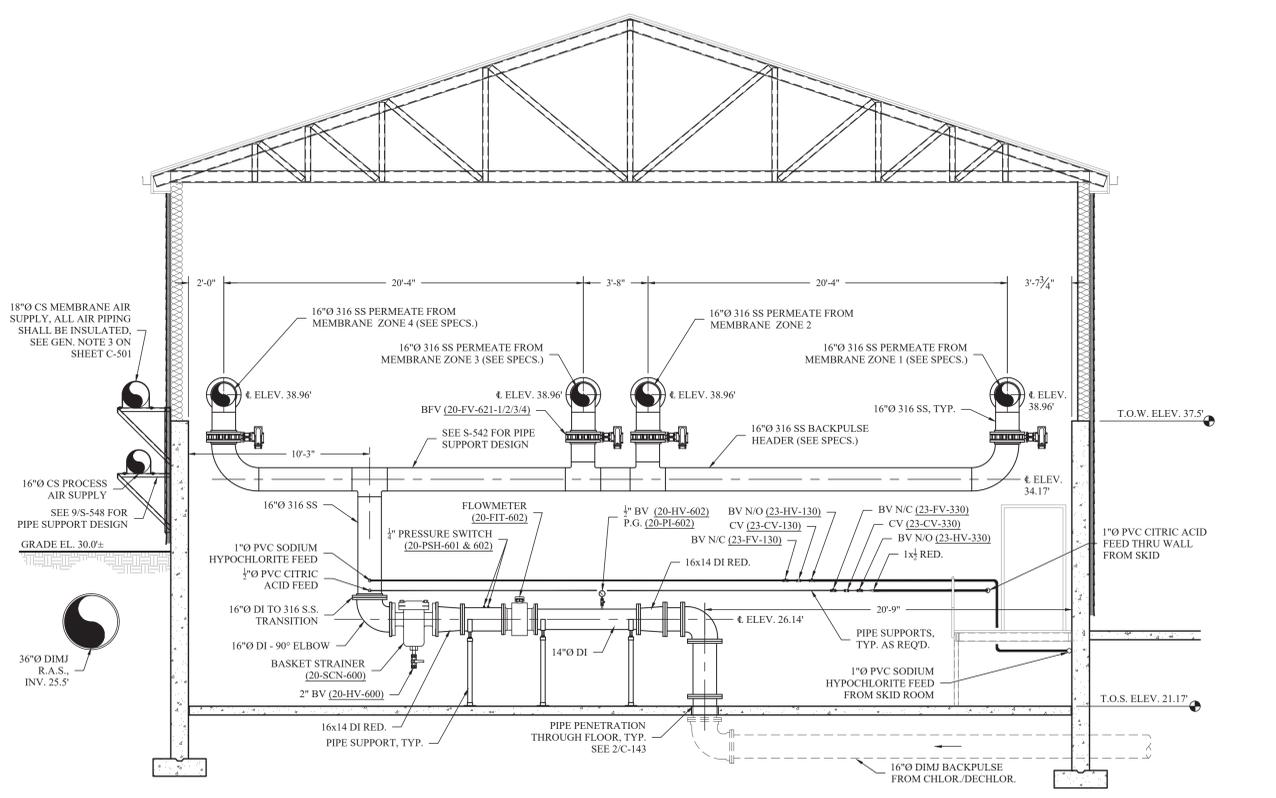
1 SECTION THRU BLOWER ROOM
 SCALE: 1/4" = 1'-0"



2 30" PERMEATE PIPING ELEVATION
 SCALE: 1/4" = 1'-0"



3 36" R.A.S. PUMPS & PIPING HEADER ELEVATION
 SCALE: 1/4" = 1'-0"



4 16" BACKPULSE INFLUENT & HEADER ELEVATION
 SCALE: 1/4" = 1'-0"

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 145 CAESARS LN.
 NEW WINDSOR, NY 12553
 FOR TOWN OF NEW WINDSOR
 555 UNION AVE.
 NEW WINDSOR, NY 12553

MBR SECTIONS & PIPE ELEVATIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM 2	06/20/25

ISSUED DATE: 18 APR. 2025
 DESIGN BY: JTW
 DRAWN BY: HPBJ
 CHECKED BY: MWV
 REVIEWED BY: MJS, JZ

SHEET NO.
C-554
 PROJECT # 18-732 PHASE #

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BID SET

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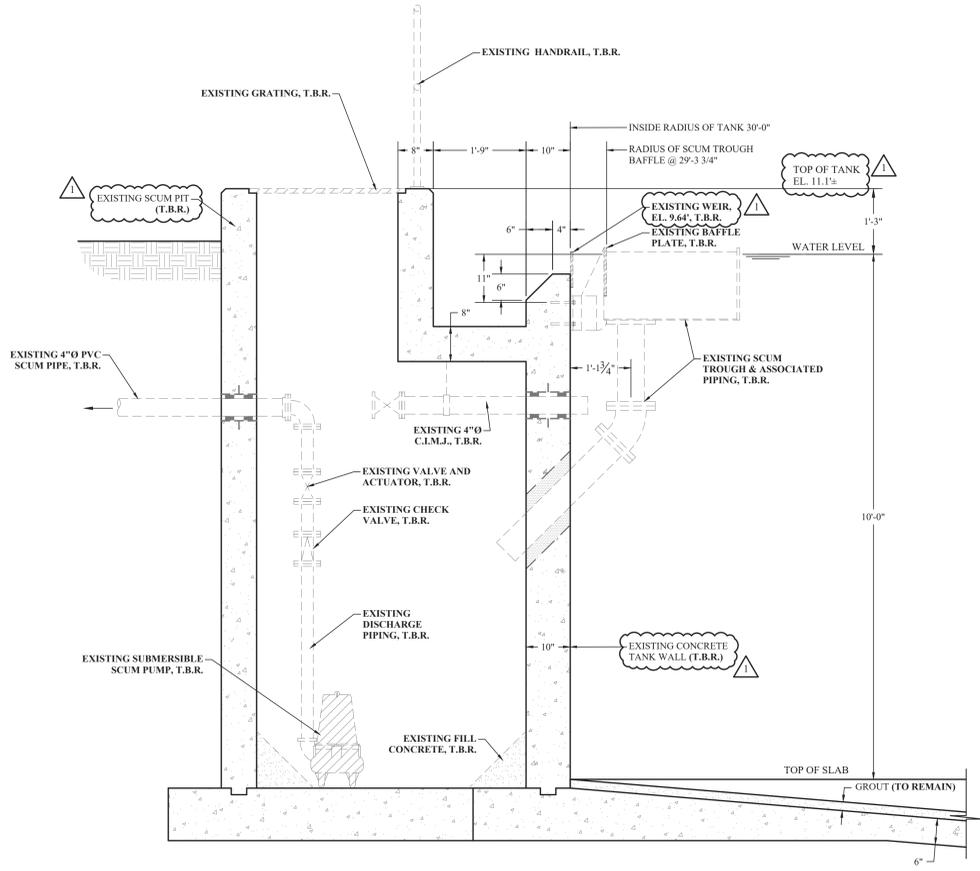
CAESARS LANE WWTP EXPANSION PROJECT: PHASE 2
 145 CAESARS LN.
 NEW WINDSOR, NY 12553
 FOR TOWN OF NEW WINDSOR
 555 UNION AVE.
 NEW WINDSOR, NY 12553

TYPICAL EXISTING SECONDARY SETTLING TANK DEMOLITION PLAN

REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDENDUM 2	06/2025

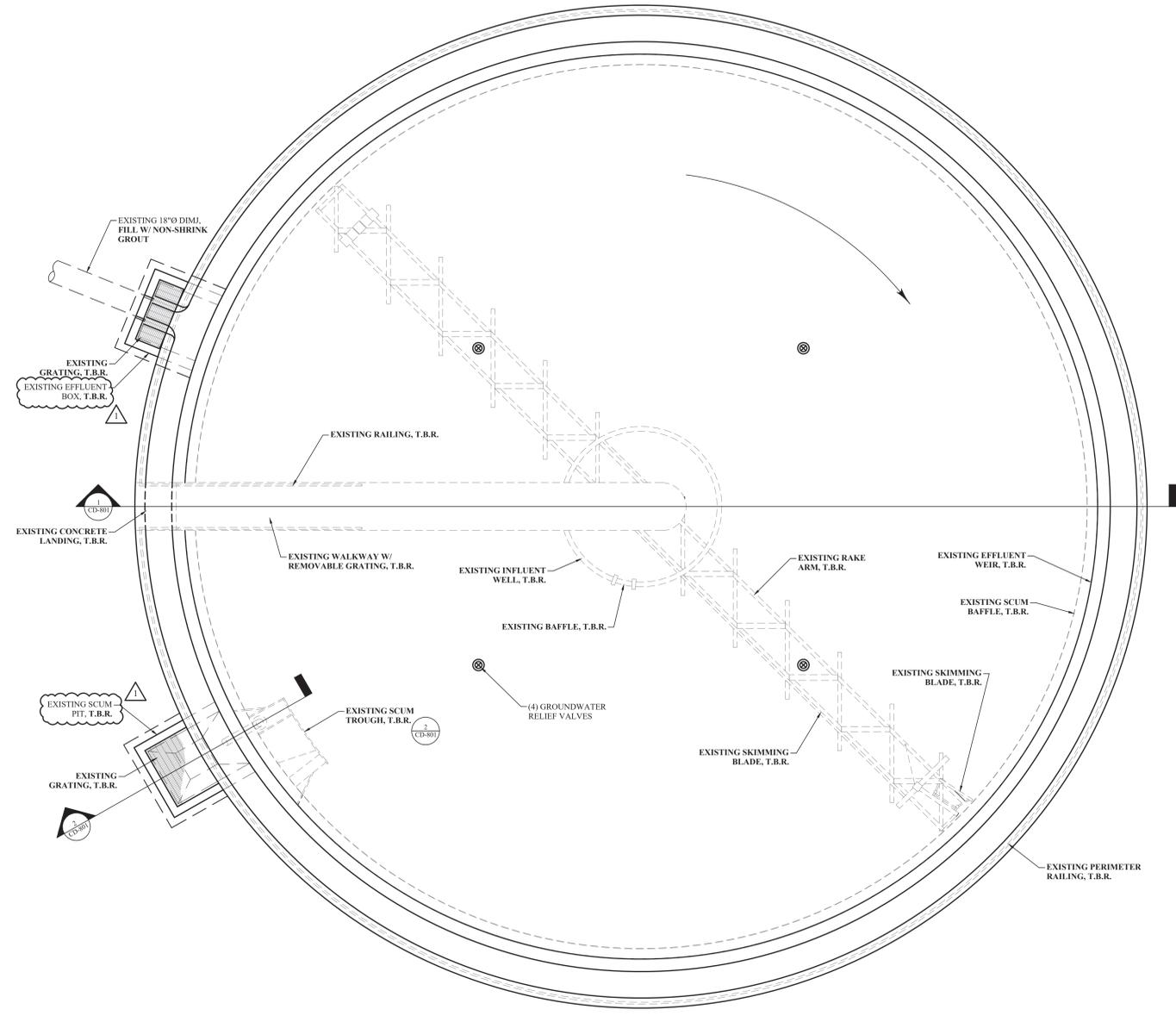
ISSUED DATE: 18 APR. 2025
 DESIGN BY: JTW
 DRAWN BY: HPBJ
 CHECKED BY: MWW
 REVIEWED BY: MJS, IZ

SHEET NO.
CD-801
 PROJECT # 18-732 PHASE #

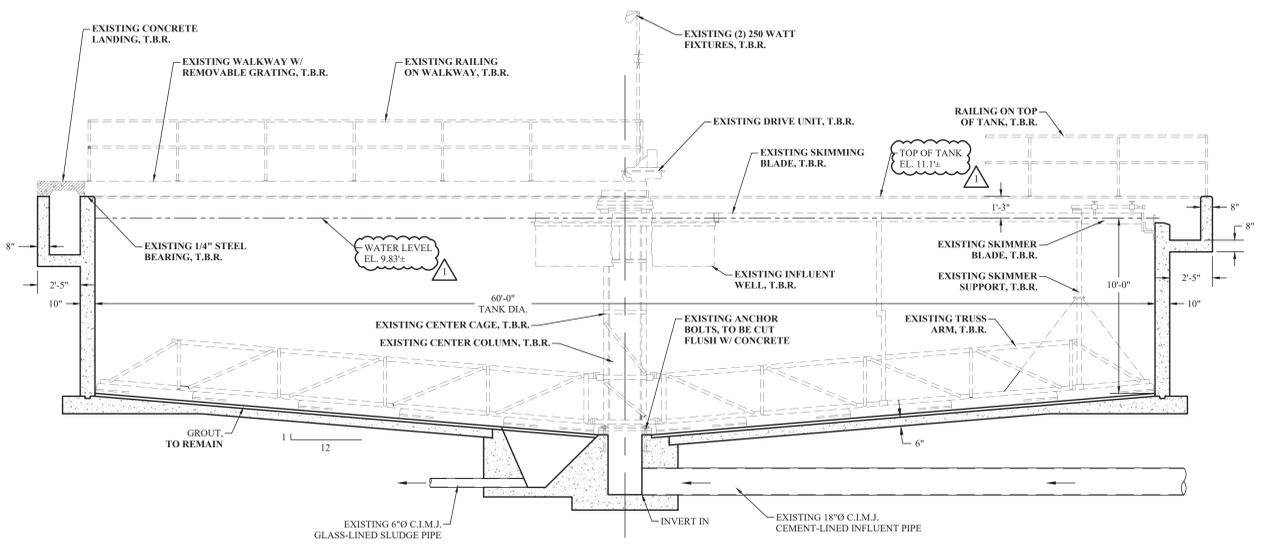


2 TYPICAL SECONDARY SETTLING TANK DEMOLITION SECTION THRU SCUM PIT & TROUGH
 SCALE: 3/4" = 1'-0"

- NOTES:**
- ENTIRE STRUCTURE INCLUDING EQUIPMENT, PIPING, CONCRETE, ETC. TO BE REMOVED IN FULL TO TOP OF EXISTING SLAB (T.O.S.) AT APPROXIMATELY ELEVATION 0.0.
 - DEMOLITION PLAN IS TYPICAL OF SECONDARY SETTLING TANKS 1 AND 2.
 - REFER TO SITE PLAN FOR ACTUAL PIPING, EFFLUENT TROUGH AND SCUM PIT ORIENTATION.
 - AFTER DEMOLITION IS COMPLETE, BACKFILL WITH ACCEPTED STRUCTURAL BACKFILL MATERIAL INSTALLED IN COMPACTED LIFTS IN ACCORDANCE WITH STRUCTURAL EXCAVATION, BACKFILL AND COMPACTION SPECIFICATION.
 - ALL ITEMS NOTED AS TO BE REMOVED, OR "T.B.R." SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR AND PROPERLY DISPOSED OF. DISPOSAL MANIFESTS SHALL BE PROVIDED TO THE OWNER.
 - CONTENTS OF EXISTING SETTLING TANKS MAY BE DISPOSED OF BY PUMPING TO THE INFLUENT STRUCTURE ON THE GRAVITY THICKENERS AS COORDINATED WITH THE PLANT OPERATOR.
 - ALL POWER AND CONTROL WIRING AT THE SECONDARY SETTLING TANKS, INCLUDING CONDUIT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
 - EXISTING BURIED PIPING NOT REMOVED SHALL BE FILLED WITH NON-SHRINK GROUT.



1 TYPICAL SECONDARY SETTLING TANK DEMOLITION PLAN
 SCALE: 1/4" = 1'-0"



3 TYPICAL SECONDARY SETTLING TANK DEMOLITION ELEVATION - SECTION
 SCALE: 1/4" = 1'-0"