

ENVIROSERVER - ES SERIES ES25

DESCRIPTION:

PRIMARY AND SECONDARY WASTEWATER TREATMENT DEVICE USING BOTH FIXED FILM AND SUSPENDED GROWTH WITH MULTI-STAGE AEROBIC PROCESS. TANK CAPACITIES LISTED ARE FOR STANDARD UNITS



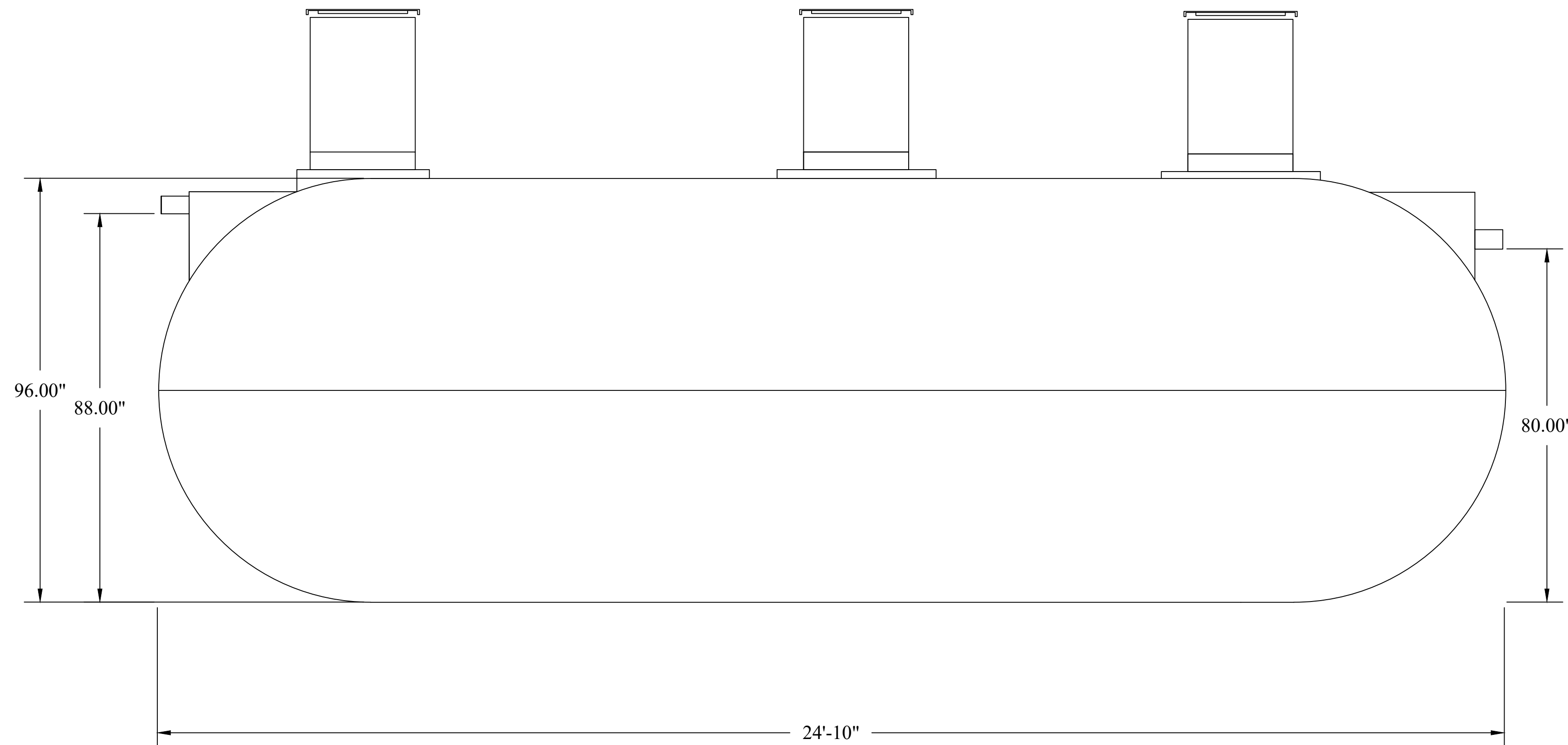
31 AFFONSO DRIVE
MOUND HOUSE, NV 89706
1(877)-4SEPTIC [1(877)473-7842]
WWW.MICROSEPTEC.COM

NOTES

- GENERAL:
1. THE MIDDLE THREE CHAMBERS SHOULD NEVER BE PUMPED DRY, ESPECIALLY IN HIGH GROUNDWATER CONDITIONS
 2. RISERS AND RISER ADAPTERS NOT SUPPLIED BY MICROSEPTEC
 3. PLUMBING DIMENSIONS FROM OUTSIDE EDGE OF TANK TO INVERT OF INLET AND OUTLET
 4. CONTRACTOR TO PROVIDE ADDITIONAL PLUMBING FOR ANY BURIAL DEPTH GREATER THAN 4FT
 5. SITE-SPECIFIC CHARACTERISTICS INCLUDING BUT NOT LIMITED TO: BURIAL DEPTH, TRAFFIC OR OTHER EXTERNAL LOADING, SEASONAL GROUNDWATER, AND SOIL CHARACTERISTICS SHOULD BE CONFIRMED WITH A LOCAL DESIGN ENGINEER BEFORE INSTALLATION

- TANK BURIAL:
6. THE DESIGNED TANK BURIAL DEPTH IS 2FT TO 6FT. ANY TANK BURIED BEYOND THAT RANGE MUST BE ANALYZED BY A LOCAL DESIGN ENGINEER
 7. COVER TO BE A MINIMUM OF 2FT.
 8. ENGINEERED BACKFILL TO BE A MINIMUM OF 12" ALONG SIDES AND BOTTOM OF TANK
 9. GEOLOGIST OR GEOTECHNICAL ENGINEER TO DETERMINE IF ANCHORS AND TEXTILE FILTER ARE REQUIRED.
 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OR SOIL REPORT
 11. VERTICAL CUT FOR FILL HEIGHT CAN BE DONE IF APPROVED BY LOCAL CODE OR SOIL ENGINEER
 12. GEOLOGIST OR GEOTECH ENGINEER SHOULD DETERMINE IF CORROSIVE RESISTANT MATERIAL SHOULD BE USED IN ANY STEEL PARTS EXPOSED IN THE SOIL.

DESIGN TREATMENT CAPACITY (gpd)	2500
TOTAL TANK CAPACITY (gal)	7550
TOTAL LENGTH	24'-10"
DIAMETER (in.)	96
INLET HEIGHT (in.)	88
OUTLET HEIGHT (in.)	80



DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES25

REVISION:

REVISION:	DATE: BY:	DESCRIPTION:

SITE INFORMATION:

ES 25
ENVIROSERVER
ADVANCED WASTEWATER
TREATMENT SYSTEM

SHEET TITLE:

ES25

SHEET NUMBER:

1 OF 1

ENVIROSERVER - ES SERIES ES25-GRAV/SOL

DESCRIPTION:

PRIMARY AND SECONDARY WASTEWATER TREATMENT DEVICE USING BOTH FIXED FILM AND SUSPENDED GROWTH WITH MULTI-STAGE AEROBIC PROCESS. TANK CAPACITIES LISTED ARE FOR STANDARD UNITS



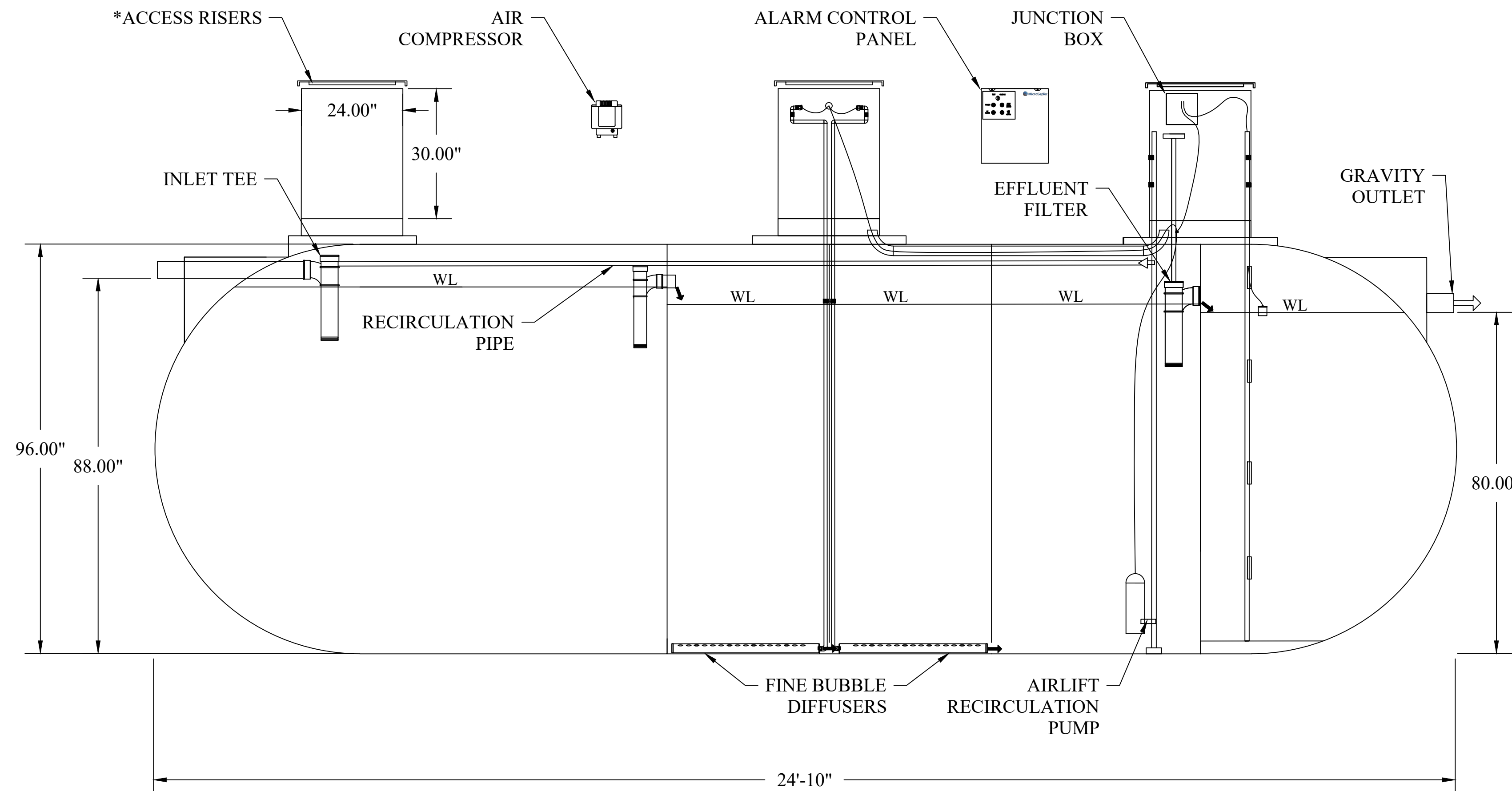
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BIOMEDIA VOLUME (cu.ft.)	80
AIR DIFFUSER	2-EDI FINE BUBBLE
AIR COMPRESSOR	2-HIBLOW HP200
RECIRCULATION CONTROL	SOLENOID
ALARM CONTROL PANEL	MCPR-G
TELEMETRY	OPTIONAL



NOTES:

*MATERIALS NOT SUPPLIED BY MICROSEPTEC

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ES 25
ENVIROSERVER
ADVANCED WASTEWATER
TREATMENT SYSTEM

SHEET TITLE:

ES25-GRAV/SOL

SHEET NUMBER:

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ENVIROSERVER - ES SERIES ES25-GRAV/SOL/UV

DESCRIPTION:

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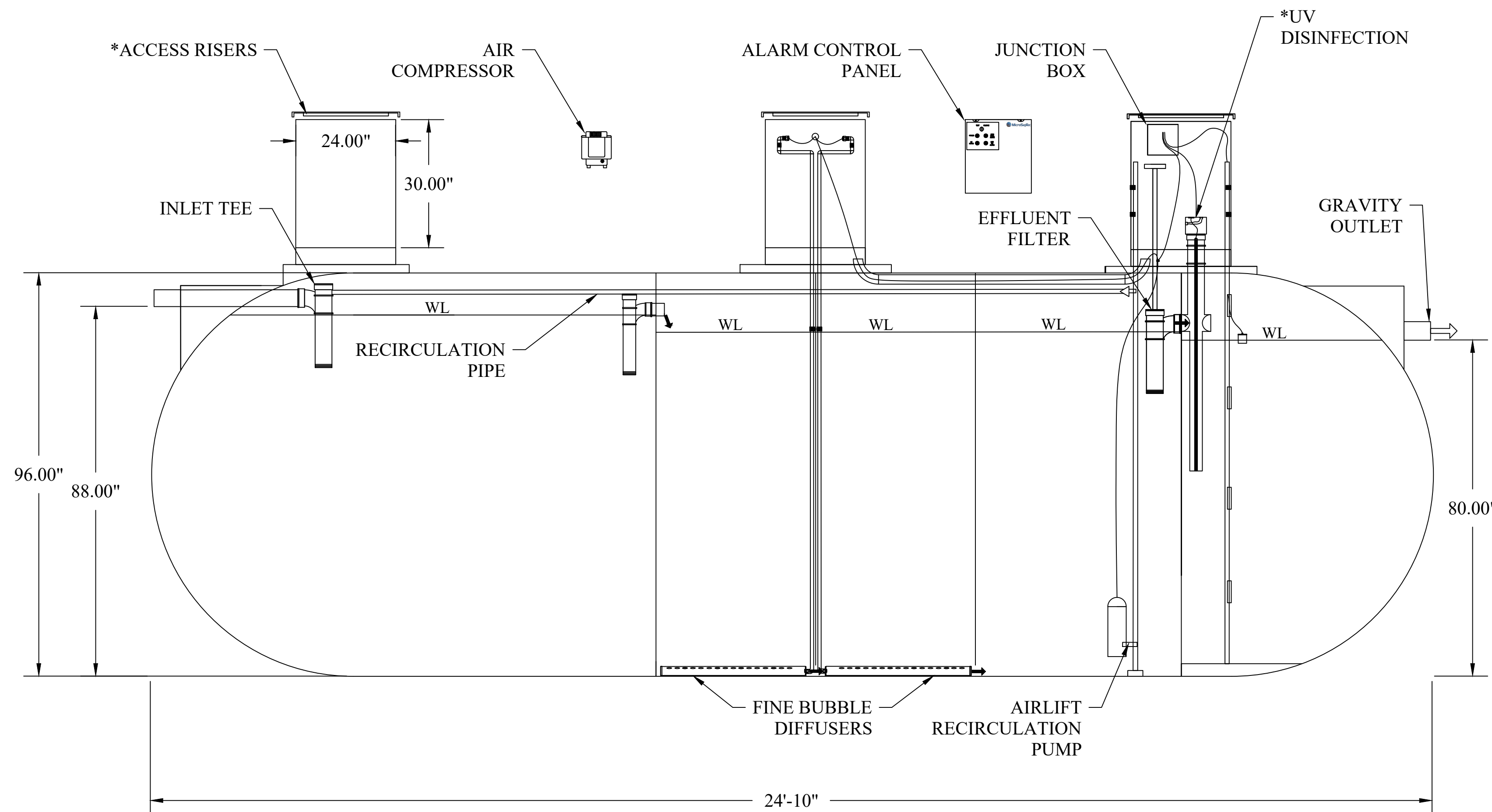


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RECIRCULATION CONTROL	SOLENOID
ALARM CONTROL PANEL	MCPR-G
TELEMETRY	OPTIONAL
DISINFECTION	SALCOR 3G

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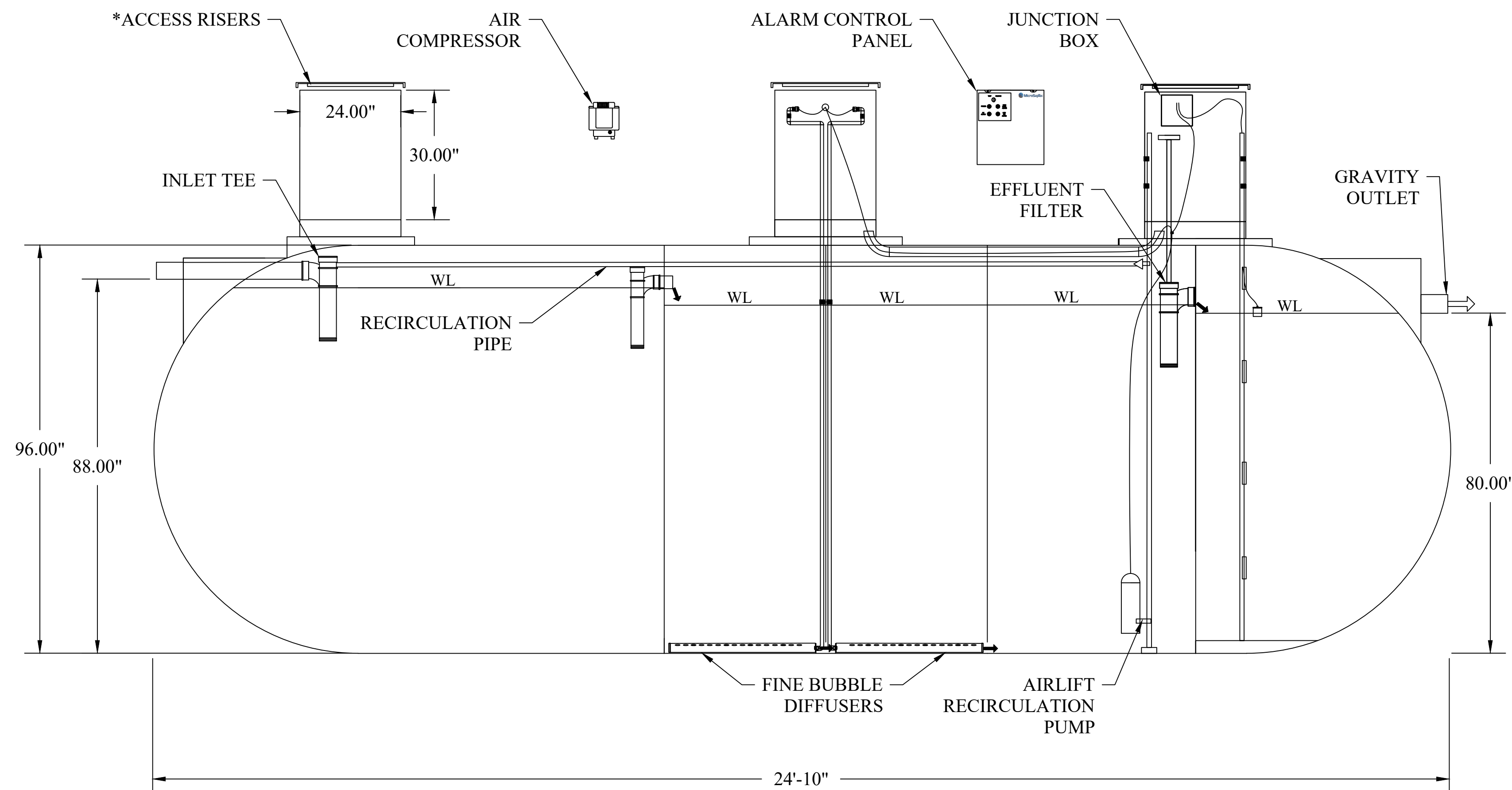
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TELEMETRY	OPTIONAL

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ES 25
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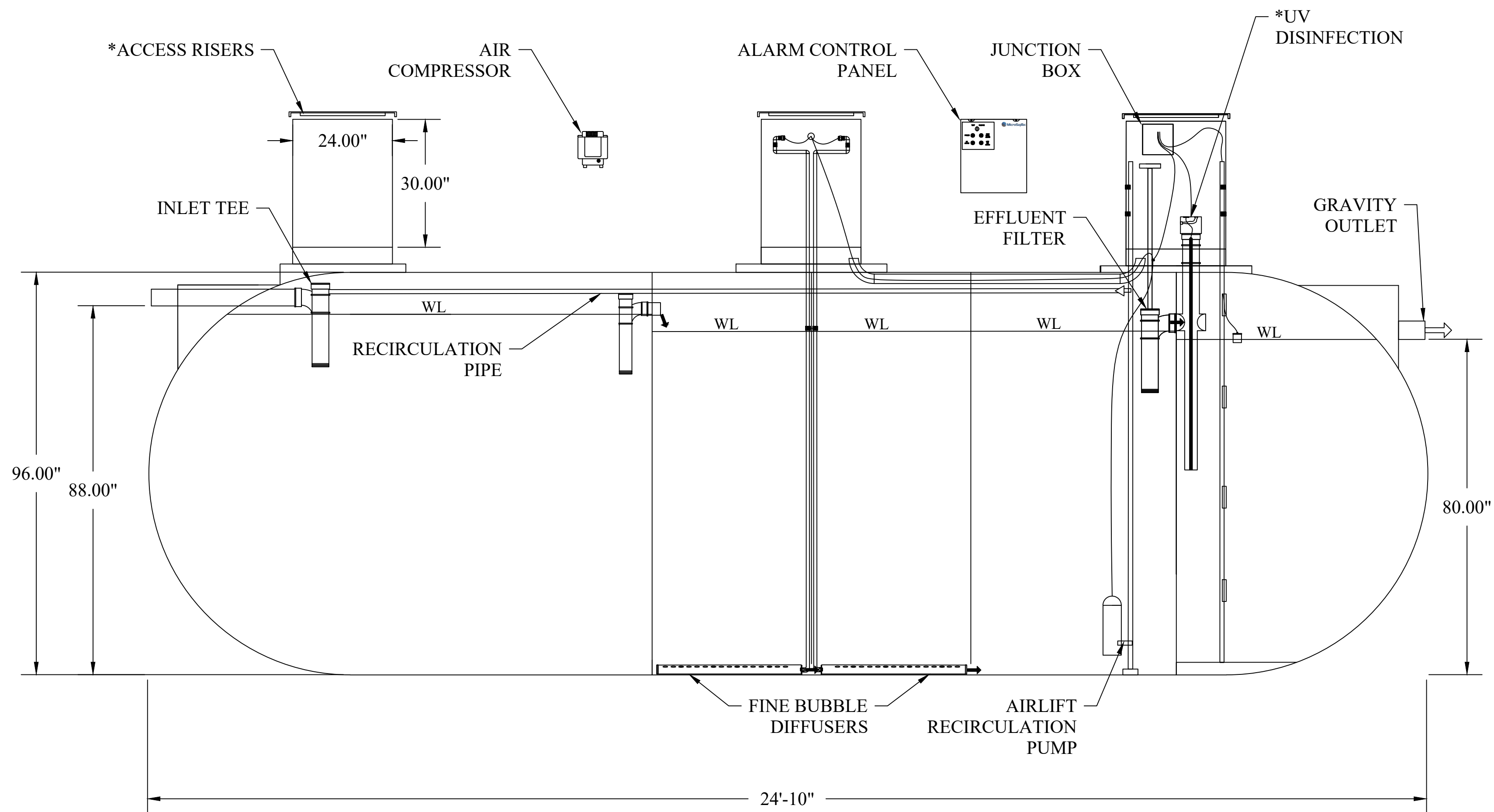


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TELEMETRY	OPTIONAL
DISINFECTION	SALCOR 3G

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ES 25
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ADVANCED WASTEWATER
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SHEET TITLE:

ES25-GRAV/NV/UV

SHEET NUMBER:

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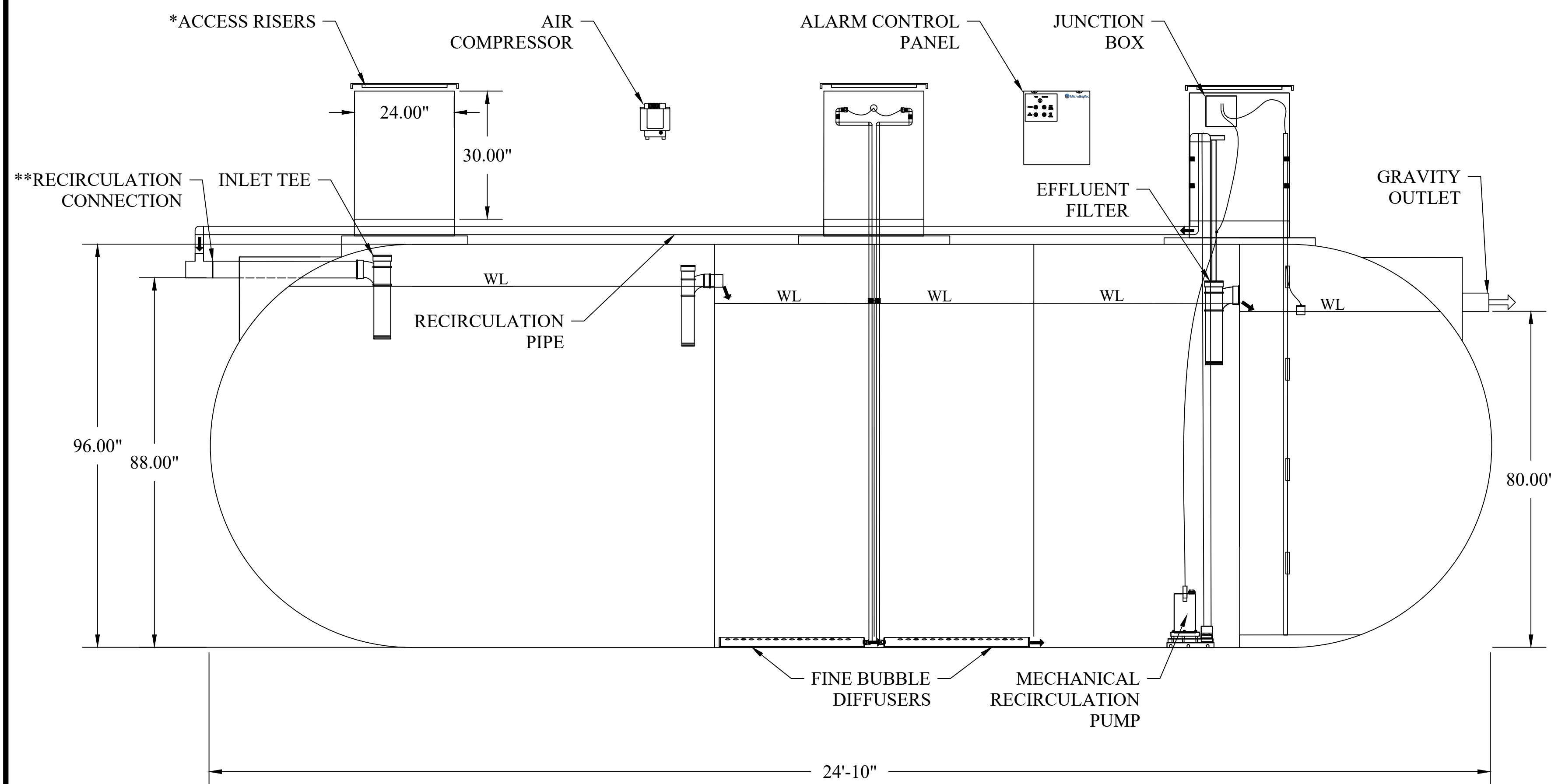
ES 25
ENVIROSERVER
ADVANCED WASTEWATER
TREATMENT SYSTEM

SHEET TITLE:

ES25-GRAV/MRP

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1 OF 1



NOTES:

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ENVIROSERVER - ES SERIES ES25-GRAV/MRP/UV



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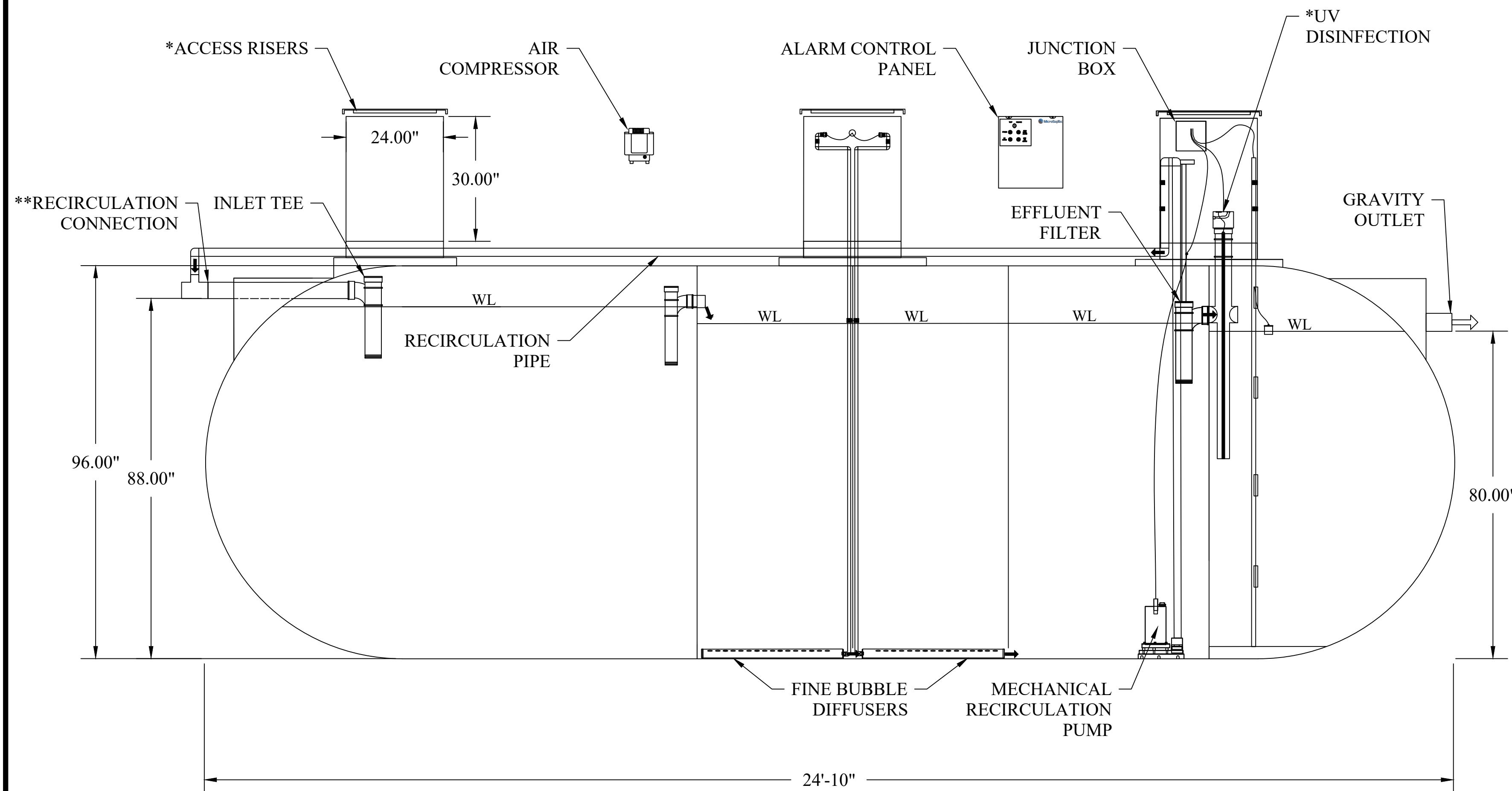
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ALARM CONTROL PANEL	MCPR-DP
TELEMETRY	OPTIONAL
DISCHARGE PUMP	SIMPLEX OR DUPLEX

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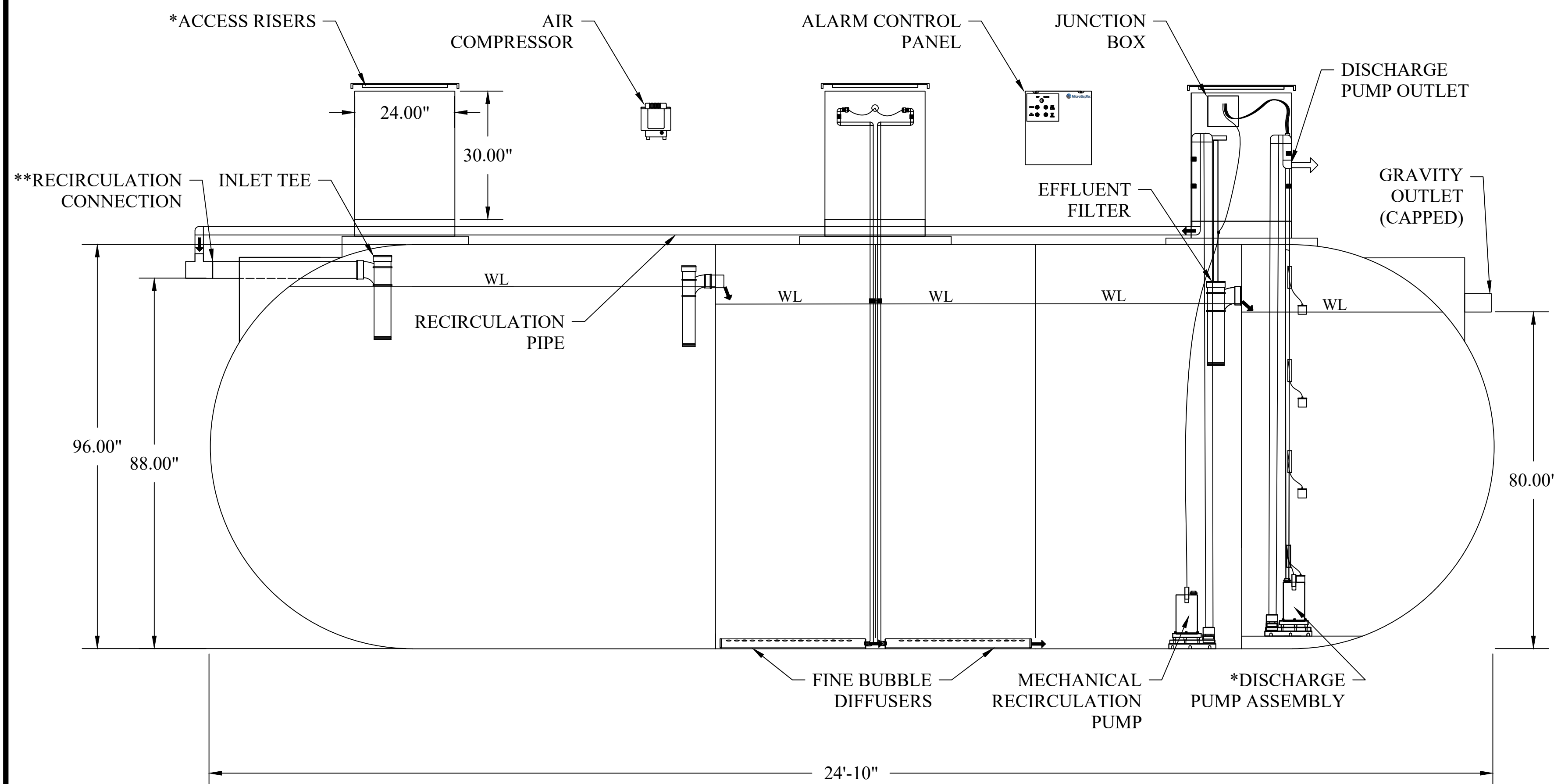
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6. THE DESIGNED TANK BURIAL DEPTH IS 2FT TO 6FT. ANY TANK BURIED BEYOND THAT RANGE MUST BE ANALYZED BY A LOCAL DESIGN ENGINEER
 7. COVER TO BE A MINIMUM OF 2FT.
 8. ENGINEERED BACKFILL TO BE A MINIMUM OF 12" ALONG SIDES AND BOTTOM OF TANK
 9. GEOLOGIST OR GEOTECHNICAL ENGINEER TO DETERMINE IF ANCHORS AND TEXTILE FILTER ARE REQUIRED.
 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OR SOIL REPORT
 11. VERTICAL CUT FOR FILL HEIGHT CAN BE DONE IF APPROVED BY LOCAL CODE OR SOIL ENGINEER
 12. GEOLOGIST OR GEOTECH ENGINEER SHOULD DETERMINE IF CORROSIVE RESISTANT MATERIAL SHOULD BE USED IN ANY STEEL PARTS EXPOSED IN THE SOIL.

DESIGN TREATMENT CAPACITY (gpd)	2500
TOTAL TANK CAPACITY (gal)	7550
TOTAL LENGTH	24'-10"
DIAMETER (in.)	96
INLET HEIGHT (in.)	88
OUTLET HEIGHT (in.)	80
BIOMEDIA VOLUME (cu.ft.)	80
AIR DIFFUSER	2-EDI FINE BUBBLE
AIR COMPRESSOR	2-HIBLOW HP200
RECIRCULATION CONTROL	MECHANICAL
ALARM CONTROL PANEL	MCPR-DP
TELEMETRY	OPTIONAL
DISCHARGE PUMP	SIMPLEX OR DUPLEX
DISINFECTION	SALCOR 3G

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES25

REVISION:		
REVISION:	DATE:	DESCRIPTION:
	BY:	

SITE INFORMATION:

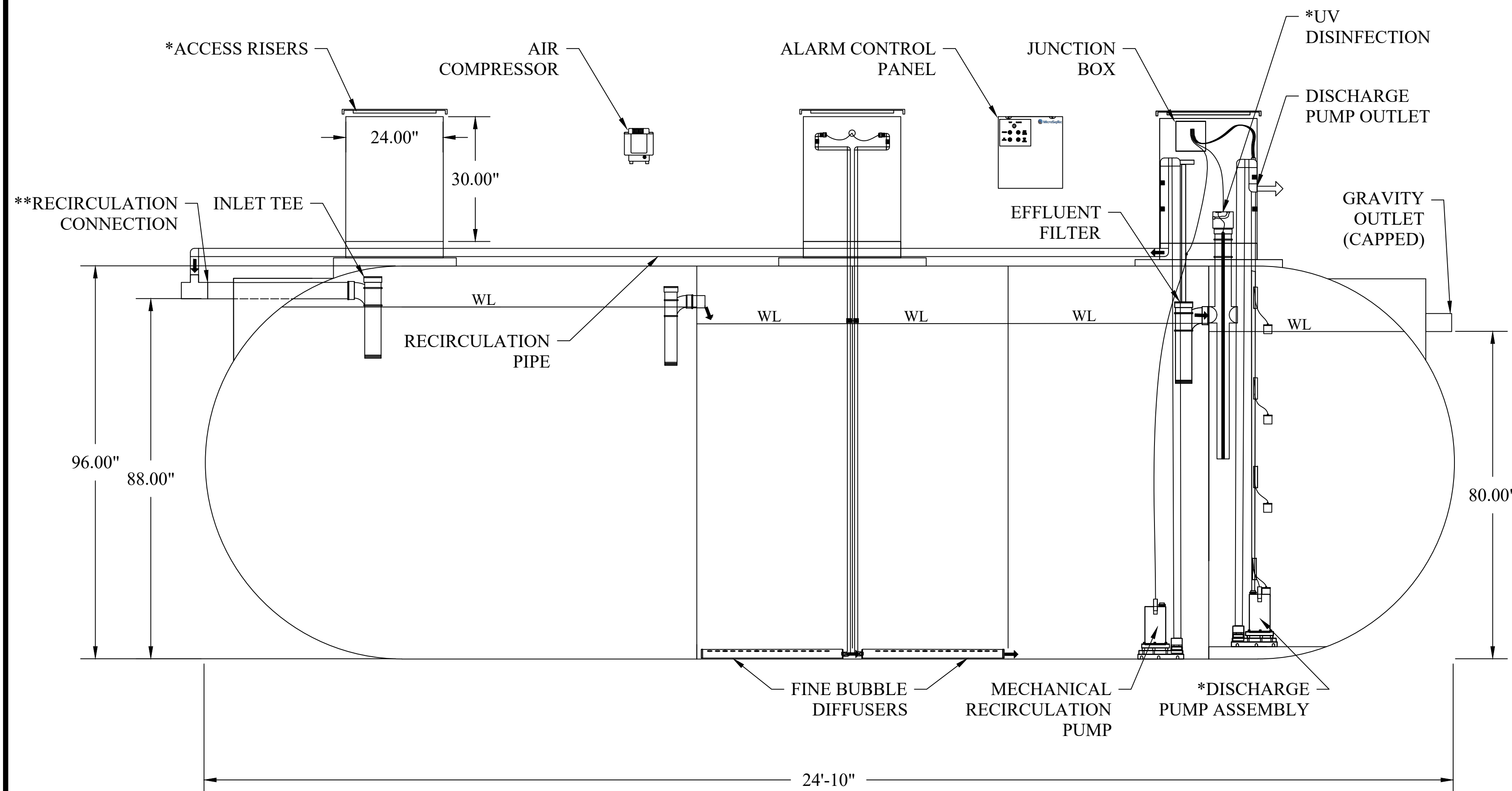
ES 25
ENVIROSERVER
ADVANCED WASTEWATER
TREATMENT SYSTEM

SHEET TITLE:

ES25-PUMP/MRP/UV

SHEET NUMBER:

1 OF 1



NOTES:

- *MATERIALS NOT SUPPLIED BY MICROSEPTEC
- **RECIRCULATION CONNECTION MUST BE LOCATED AT A MINIMUM OF 3FT FROM THE TANK

ENVIROSERVER - ES SERIES ES25-PUMP/SOL

DESCRIPTION:

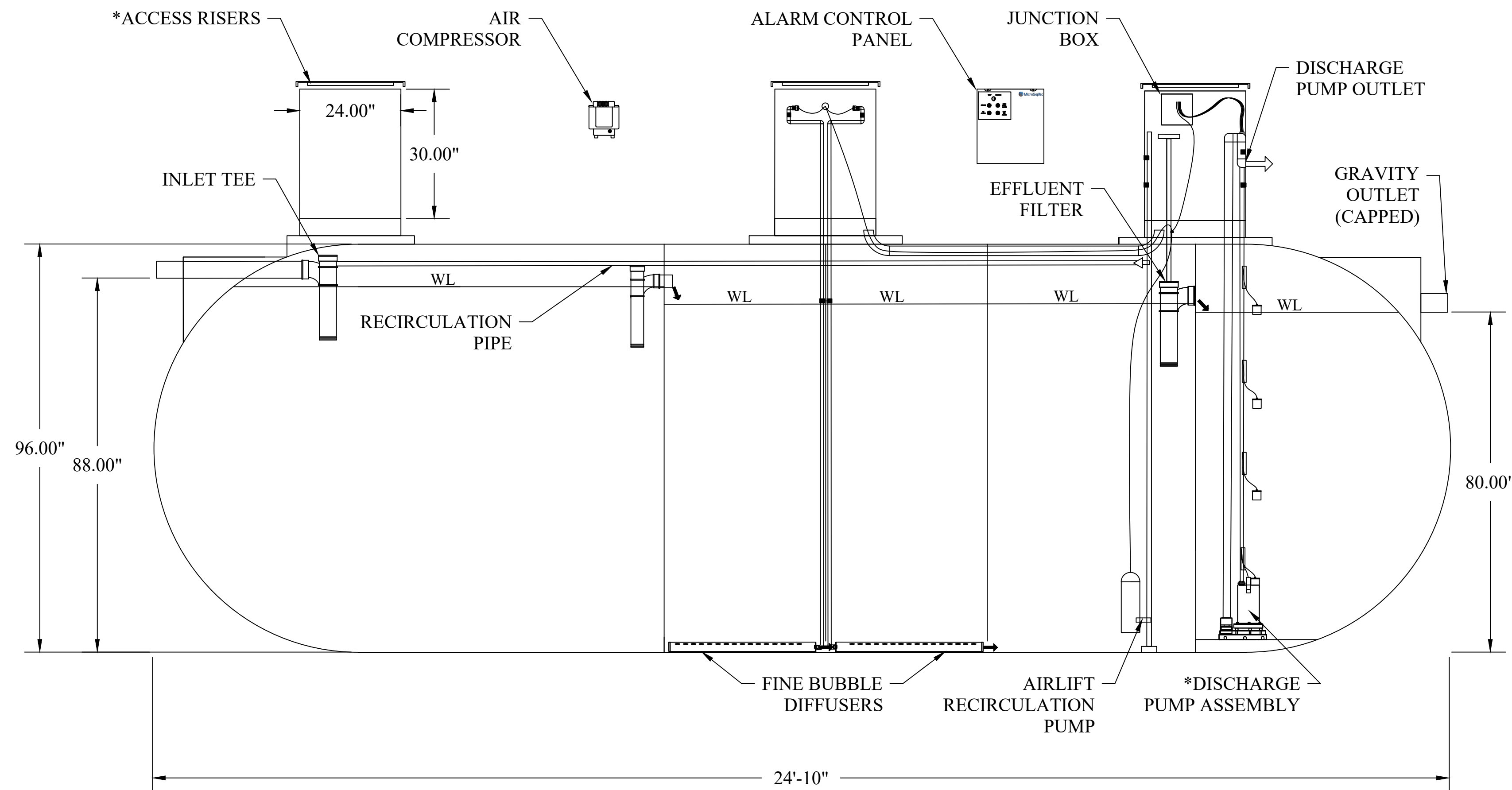
PRIMARY AND SECONDARY WASTEWATER TREATMENT DEVICE USING BOTH FIXED FILM AND SUSPENDED GROWTH WITH MULTI-STAGE AEROBIC PROCESS. TANK CAPACITIES LISTED ARE FOR STANDARD UNITS



31 AFFONSO DRIVE
MOUND HOUSE, NV 89706
1(877)-4SEPTIC [1(877)473-7842]
WWW.MICROSEPTEC.COM

NOTES

- GENERAL:**
- THE MIDDLE THREE CHAMBERS SHOULD NEVER BE PUMPED DRY, ESPECIALLY IN HIGH GROUNDWATER CONDITIONS
 - RISERS AND RISER ADAPTERS NOT SUPPLIED BY MICROSEPTEC
 - PLUMBING DIMENSIONS FROM OUTSIDE EDGE OF TANK TO INVERT OF INLET AND OUTLET
 - CONTRACTOR TO PROVIDE ADDITIONAL PLUMBING FOR ANY BURIAL DEPTH GREATER THAN 4FT
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RECIRCULATION CONTROL	SOLENOID
ALARM CONTROL PANEL	MCPR-DP
TELEMETRY	OPTIONAL
DISCHARGE PUMP	SIMPLEX OR DUPLEX

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES25

REVISION:		
REVISION:	DATE:	DESCRIPTION:
	BY:	

SITE INFORMATION:

ES 25
ENVIROSERVER
ADVANCED WASTEWATER
TREATMENT SYSTEM

SHEET TITLE:

ES25-PUMP/SOL

SHEET NUMBER:

1 OF 1

NOTES:

*MATERIALS NOT SUPPLIED BY MICROSEPTEC

ENVIROSERVER - ES SERIES ES25-PUMP/SOL/UV

DESCRIPTION:

PRIMARY AND SECONDARY WASTEWATER TREATMENT DEVICE USING BOTH FIXED FILM AND SUSPENDED GROWTH WITH MULTI-STAGE AEROBIC PROCESS. TANK CAPACITIES LISTED ARE FOR STANDARD UNITS

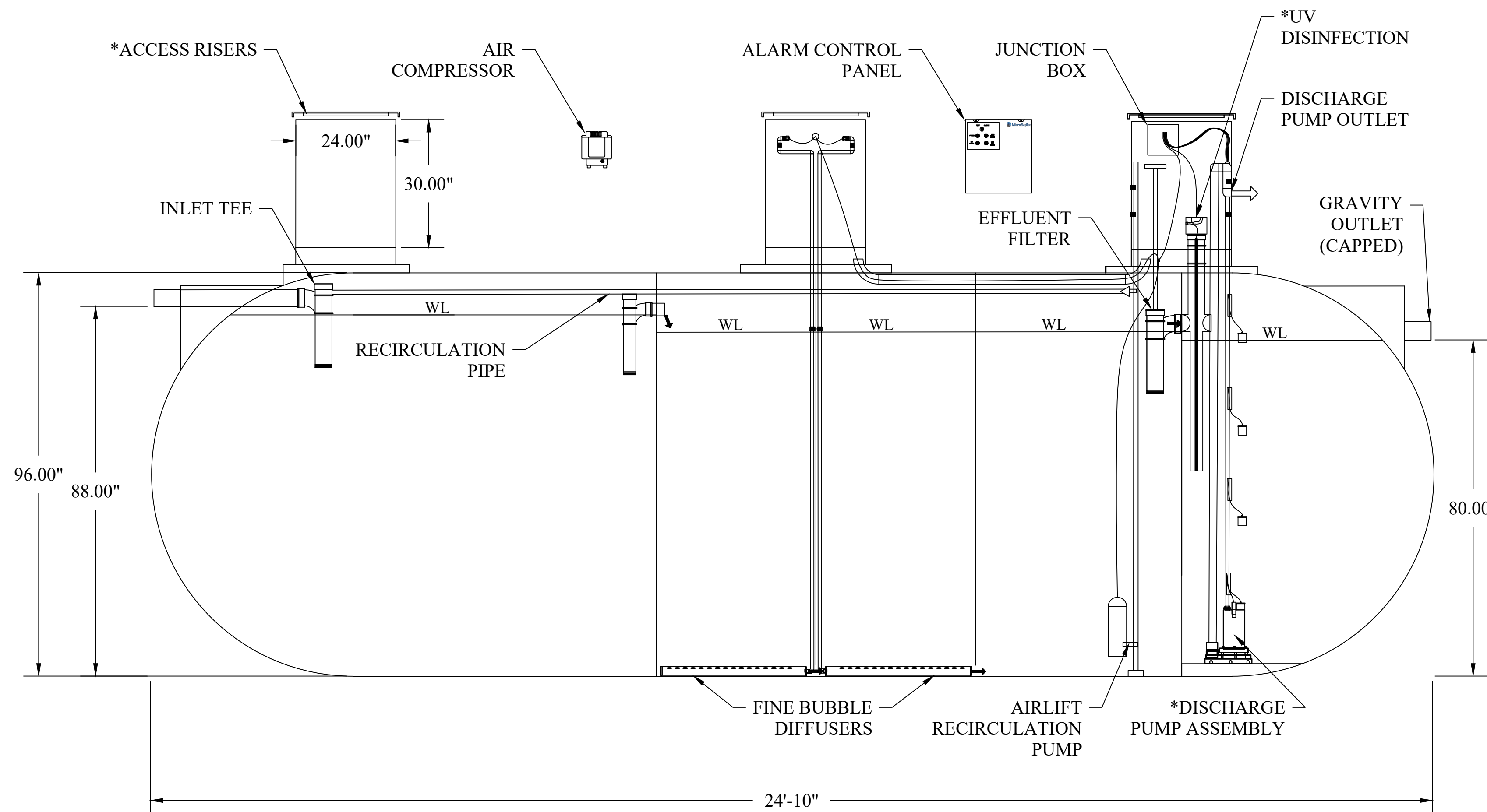


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RECIRCULATION CONTROL	SOLENOID
ALARM CONTROL PANEL	MCPR-DP
TELEMETRY	OPTIONAL
DISCHARGE PUMP	SIMPLEX OR DUPLEX
DISINFECTION	SALCOR 3G

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES25

REVISION:		
REVISION:	DATE:	DESCRIPTION:
	BY:	

SITE INFORMATION:

ES 25
ENVIROSERVER
ADVANCED WASTEWATER
TREATMENT SYSTEM

SHEET TITLE:

ES25-PUMP/SOL/UV

SHEET NUMBER:

1 OF 1

NOTES:

*MATERIALS NOT SUPPLIED BY MICROSEPTEC

ENVIROSERVER - ES SERIES ES25-PUMP/NV



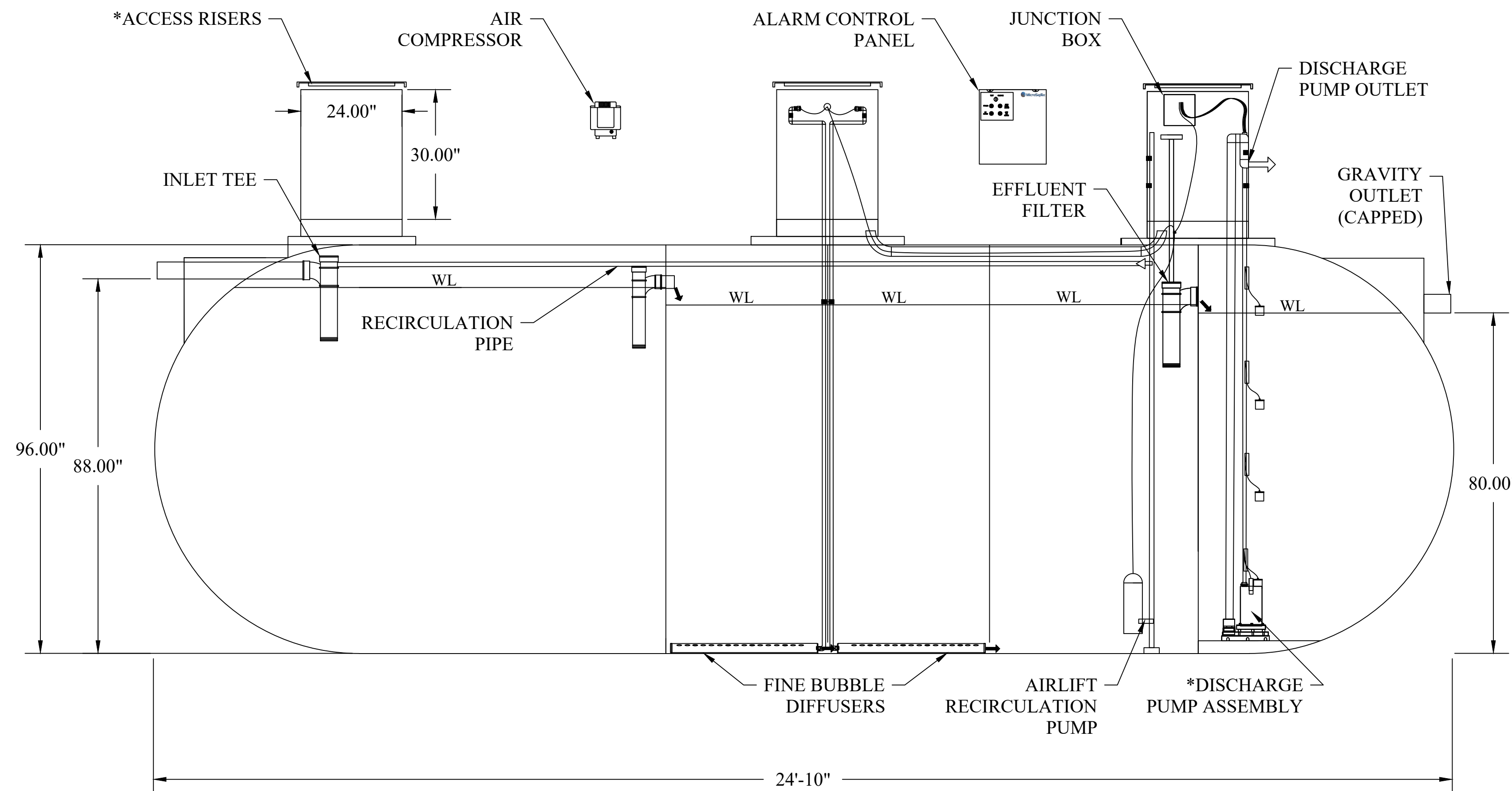
31 AFFONSO DRIVE
MOUND HOUSE, NV 89706
1(877)-4SEPTIC [1(877)473-7842]
WWW.MICROSEPTEC.COM

DESCRIPTION:

PRIMARY AND SECONDARY WASTEWATER TREATMENT DEVICE USING BOTH FIXED FILM AND SUSPENDED GROWTH WITH MULTI-STAGE AEROBIC PROCESS. TANK CAPACITIES LISTED ARE FOR STANDARD UNITS

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TELEMETRY	OPTIONAL
DISCHARGE PUMP	SIMPLEX OR DUPLEX

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES25

REVISION:		
REVISION:	DATE:	DESCRIPTION:
	BY:	

SITE INFORMATION:

ES 25
ENVIROSERVER
ADVANCED WASTEWATER
TREATMENT SYSTEM

SHEET TITLE:

ES25-PUMP/NV

SHEET NUMBER:

1 OF 1

NOTES:

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ENVIROSERVER - ES SERIES ES25-PUMP/NV/UV

DESCRIPTION:

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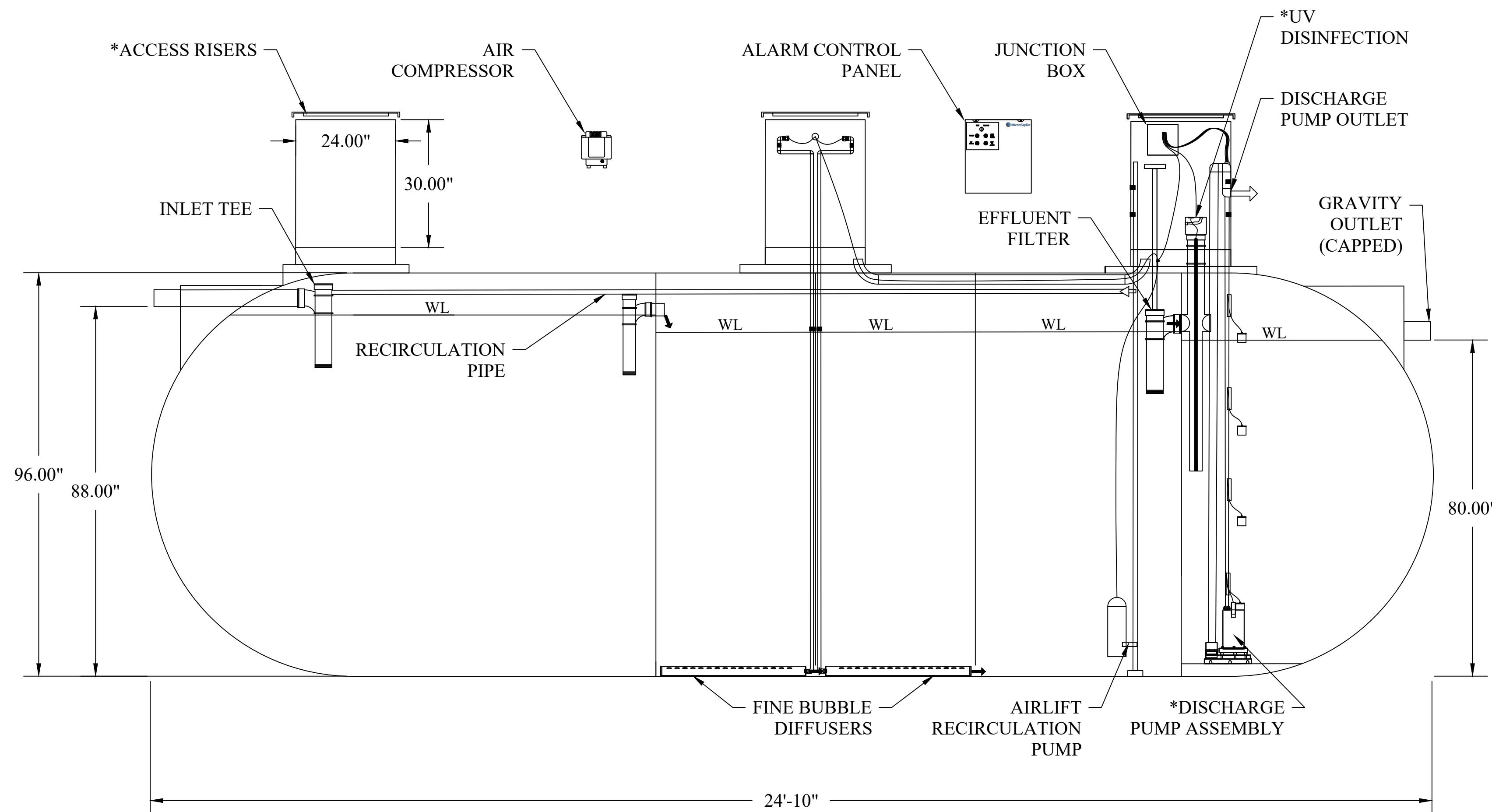


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DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES25

REVISION:		
REVISION:	DATE:	DESCRIPTION:
	BY:	

SITE INFORMATION:

ES 25
ENVIROSERVER
ADVANCED WASTEWATER
TREATMENT SYSTEM

SHEET TITLE:

ES25-PUMP/NV/UV

SHEET NUMBER:

1 OF 1

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