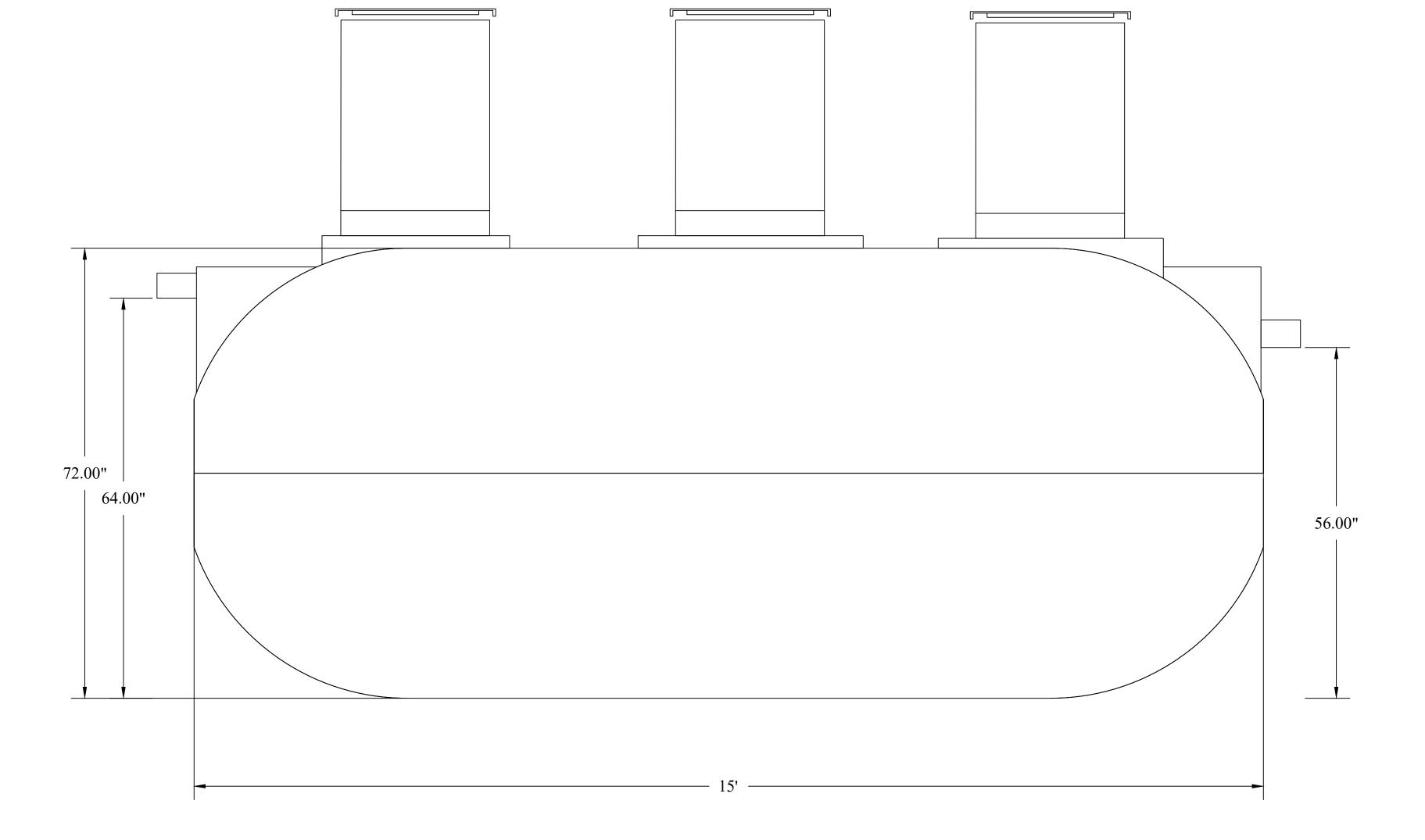
ENVIROSERVER - ES SERIES ES7.5

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



	DESIGN TREATMENT CAPACITY (gpd)	750
	TOTAL TANK CAPACITY (gal)	2500
	TOTAL LENGTH	15'-0"
	DIAMETER (in.)	72
	INLET HEIGHT (in.)	64
	OUTLET HEIGHT (in.)	56
_		



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
- . RISERS AND RISER ADAPTERS NOT SUPPLIED BY MICROSEPTEC
- PLUMBING DIMENSIONS FROM OUTSIDE EDGE TANK TO INVERT OF INLET AND OUTLET
- I. 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

ANIZ DIIDIAI.

- 6. THE DESIGNED TANK BURIAL DEPTH IS 2FT TO 6FT.
 ANY TANK BURIED BEYOND THAT RANGE MUST
- 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
- ARE REQUIRED.
- 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OR SOIL REPORT
- SOIL REPORT
 VERTICAL CUT FOR FILL HEIGHT CAN BE DONE II
- 12. GEOLOGIST OR GEOTECH ENGINEER SHOULD
 DETERMINE IF CORROSIVE RESISTANT MATERIAL
 SHOULD BE USED IN ANY STEEL PARTS EXPOSED

	DRAWN:	DATE:	JOB NUMBER:
	AJM	2/10/21	ES7.5

REVISION:

	ILL ,	VIDIOIV.
REVISION:	DATE:	DESCRIPTION:
KL VISIOIV.	BY:	DESCRIPTION.

SITE INFORMATION:

ES 7.5 ENVIROSERVER ADVANCED WASEWATER TREATMENT SYSTEM

SHEET TITLE:

ES7.5

SHEET NUMBER:

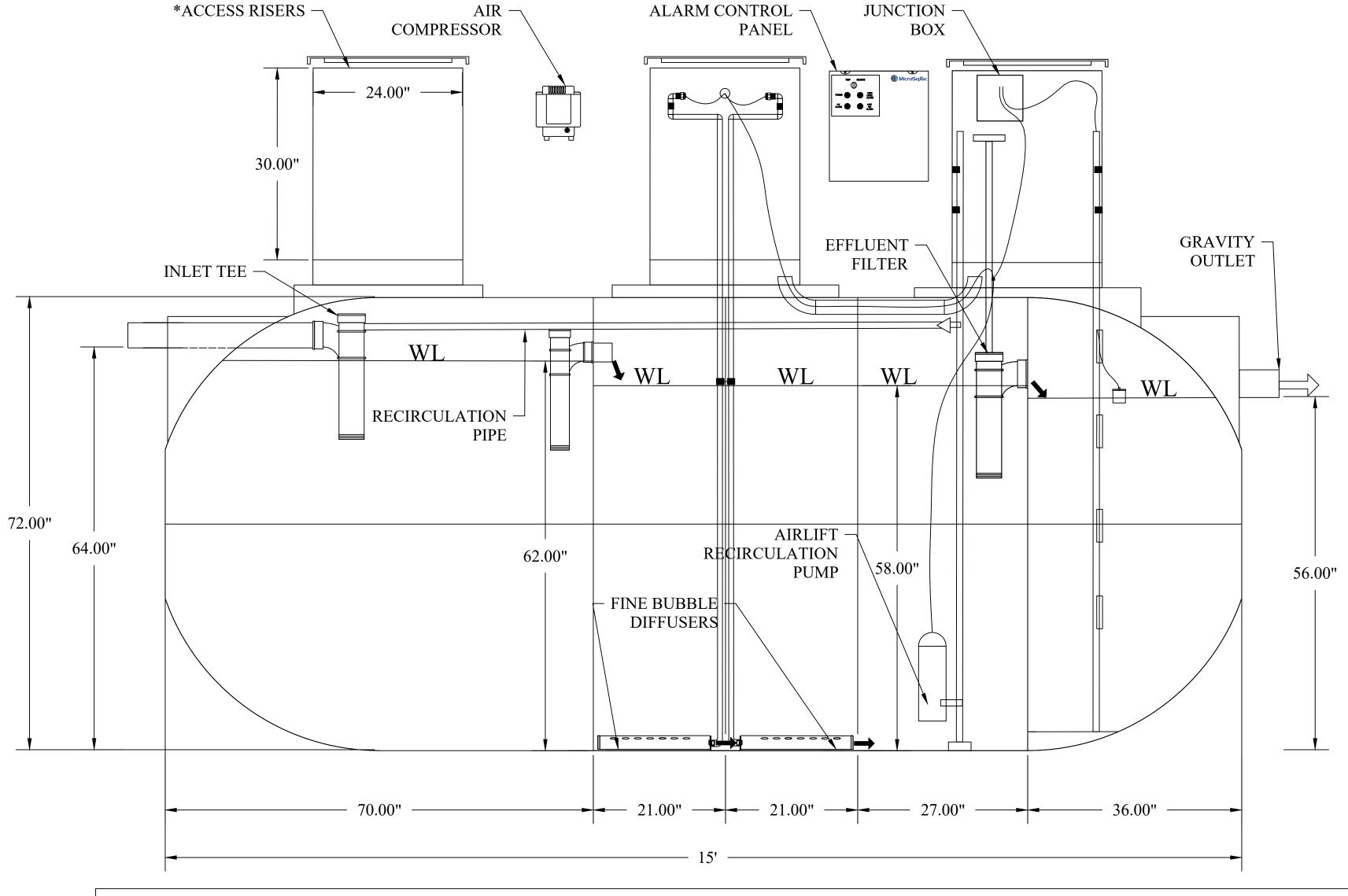
1 OF 1

SCALE NONE 1

ENVIROSERVER - ES SERIES ES7.5-GRAV/SOL-MST

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



	ES7	.5 CHAMBER VOLUM	MES	
PRIMARY SETTLING	AERATION 1	AERATION 2	CLARIFIER	PUMP CHAMBER
950	320	320	410	367

NOTES:

*MATERIALS NOT SUPPLIED BY MICROSEPTEC

750	DESIGN TREATMENT CAPACITY (gpd)
2500	TOTAL TANK CAPACITY (gal)
15'-0"	TOTAL LENGTH
72	DIAMETER (in.)
64	INLET HEIGHT (in.)
56	OUTLET HEIGHT (in.)
30	BIOMEDIA VOLUME (cu.ft.)
2-EDI FINE BUBBLE	AIR DIFFUSER
HIBLOW HP150	AIR COMPRESSOR
SOLENOID	RECIRCULATION CONTROL
MCPR-G	ALARM CONTROL PANEL
OPTIONAL	TELEMETRY



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

NOTES

GENE	ERAL:	
_		

- I. 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 EI
- TANK TO INVERT OF INLET AND OUTLET CONTRACTOR TO PROVIDE ADDITIONAL
- PLUMBING FOR ANY BURIAL DEPTH GREATER
 THAN 4FT
- NOT LIMITED TO: BURIAL DEPTH, TRAFFIC OR
 OTHER EXTERNAL LOADING, SEASONAL
 GROUNDWATER, AND SOIL CHARACTERISTICS
 SHOULD BE CONFIRMED WITH A LOCAL DESIGN
 ENGINEER REFORE INSTALL ATION

ANK BURIAL:

- 6. THE DESIGNED TANK BURIAL DEPTH IS 2FT TO 6FT.
 ANY TANK BURIED BEYOND THAT RANGE MUST
- 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.
- . DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OR SOIL REPORT
- SOIL REPORT

 VERTICAL CUT FOR FILL HEIGHT CAN BE DONE I
- 12. GEOLOGIST OR GEOTECH ENGINEER SHOULD
 DETERMINE IF CORROSIVE RESISTANT MATERIAL
 SHOULD BE USED IN ANY STEEL PARTS EXPOSED

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

REVISION: DATE: BY: DESCRIPTION:

SITE INFORMATION:

ES 7.5
ENVIROSERVER
ADVANCED WASEWATER
TREATMENT SYSTEM

SHEET TITLE:

ES7.5-GRAV/SOL-MST

SHEET NUMBER:

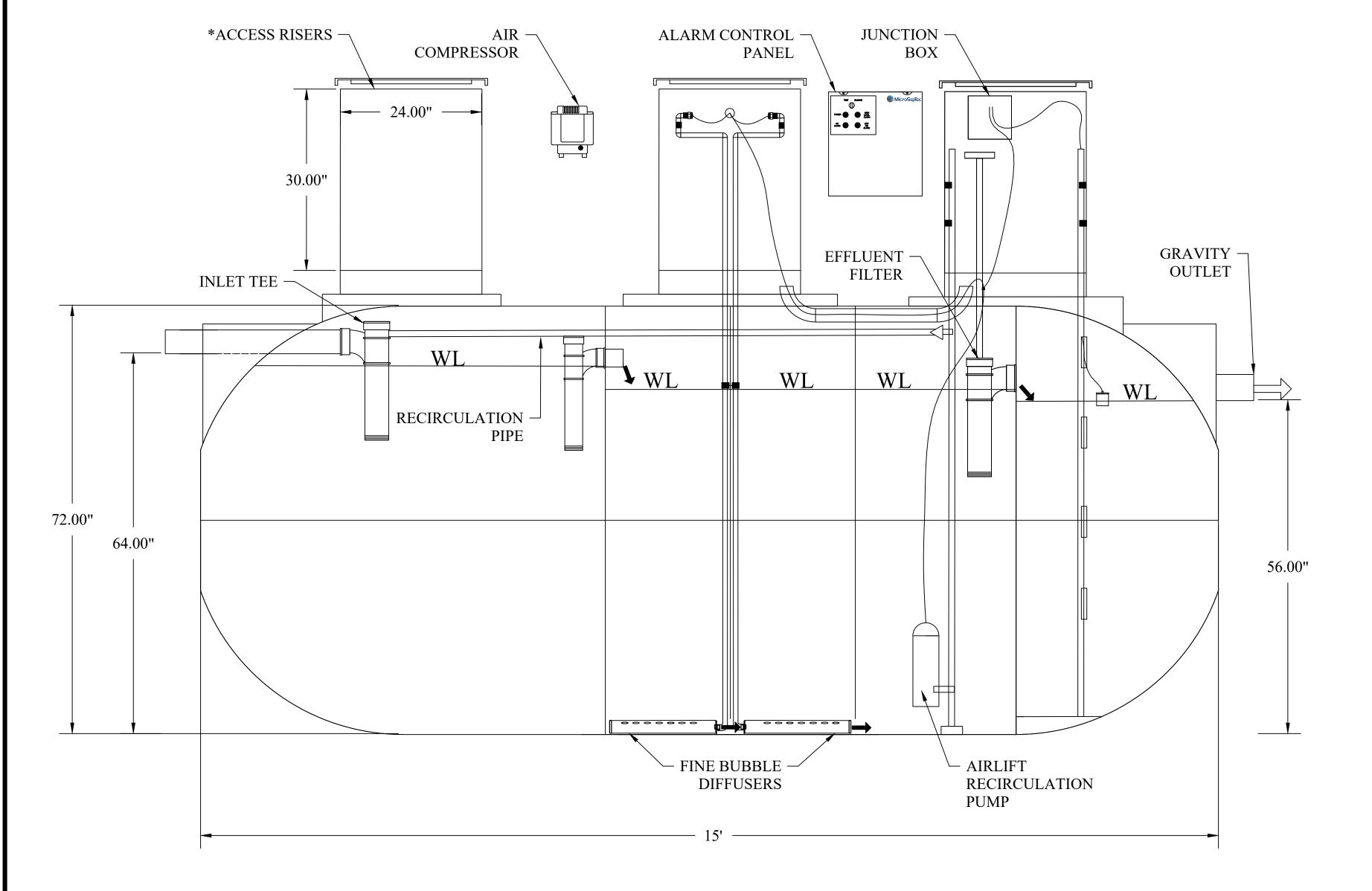
1 OF 1

SCALE NONE 1

ENVIROSERVER - ES SERIES ES7.5-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



750	DESIGN TREATMENT CAPACITY (gpd)
2500	TOTAL TANK CAPACITY (gal)
15'-0"	TOTAL LENGTH
72	DIAMETER (in.)
64	INLET HEIGHT (in.)
56	OUTLET HEIGHT (in.)
30	BIOMEDIA VOLUME (cu.ft.)
2-EDI FINE BUBBLE	AIR DIFFUSER
HIBLOW HP150	AIR COMPRESSOR
SOLENOID	RECIRCULATION CONTROL
MCPR-G	ALARM CONTROL PANEL
OPTIONAL	TELEMETRY

NOTES:

*MATERIALS NOT SUPPLIED BY MICROSEPTEC

SCALE NONE 1



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

NOTES

GENE	ERAL:	
_		

- 1. 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 ED
- TANK TO INVERT OF INLET AND OUTLET

 CONTRACTOR TO PROVIDE ADDITIONAL
 PLUMBING FOR ANY BURIAL DEPTH GREA
- PLUMBING FOR ANY BURIAL DEPTH GREATER THAN 4FT
- 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

ANK 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
- . COVER TO BE A MINIMUM OF 2FT.
 . ENGINEERED BACKFILL TO BE A MINIMUM OF 12
- ALONG SIDES AND BOTTOM OF TANK

 D. GEOLOGIST OR GEOTECHNICAL ENGINEER TO
- ARE REQUIRED.

 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OF
- SOIL REPORT
- VERTICAL CUT FOR FILL HEIGHT CAN BE DONE I
- 12. GEOLOGIST OR GEOTECH ENGINEER SHOULD DETERMINE IF CORROSIVE RESISTANT MATERIAI SHOULD BE USED IN ANY STEEL PARTS EXPOSED IN THE SOIL

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

REVISION:

REVISION:	DATE:	DESCRIPTION:
KE VISION.	BY:	DESCRIPTION.

SITE INFORMATION:

ES 7.5 ENVIROSERVER ADVANCED WASEWATER TREATMENT SYSTEM

SHEET TITLE:

ES7.5-GRAV/SOL

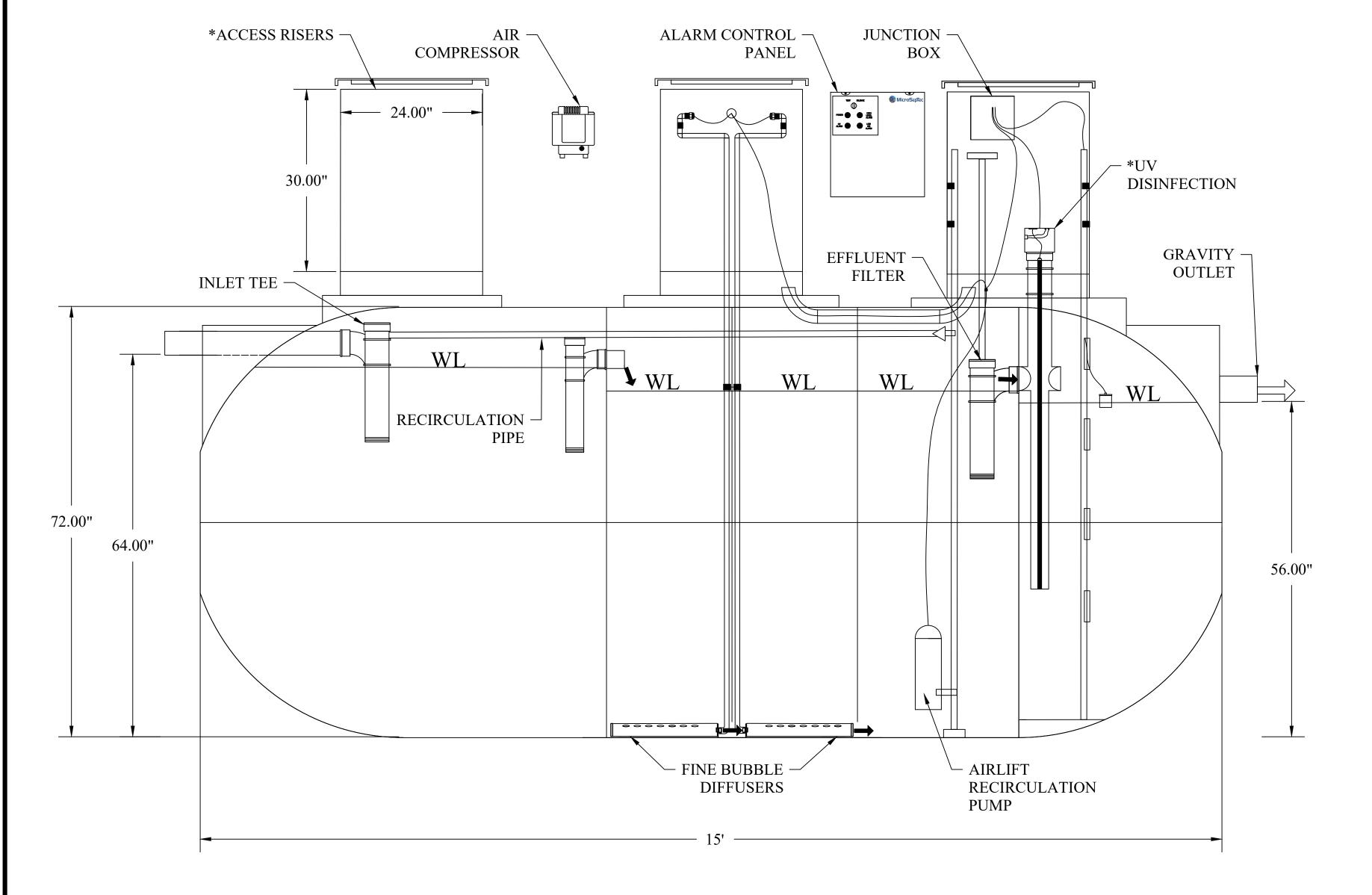
SHEET NUMBER:

1 OF 1

ENVIROSERVER - ES SERIES ES7.5-GRAV/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



750	DESIGN TREATMENT CAPACITY (gpd)
2500	TOTAL TANK CAPACITY (gal)
15'-0"	TOTAL LENGTH
72	DIAMETER (in.)
64	INLET HEIGHT (in.)
56	OUTLET HEIGHT (in.)
30	BIOMEDIA VOLUME (cu.ft.)
2-EDI FINE BUBBLE	AIR DIFFUSER
HIBLOW HP150	AIR COMPRESSOR
SOLENOID	RECIRCULATION CONTROL
MCPR-G	ALARM CONTROL PANEL
OPTIONAL	TELEMETRY
SALCOR 3G	DISINFECTION

NOTES:

*MATERIALS NOT SUPPLIED BY MICROSEPTEC

SCALE NONE 1



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

NOTES

- 1. THE MIDDLE THREE CHAMBERS SHOULD NEVER BE PUMPED DRY, ESPECIALLY IN HIGH GROUNDWATER CONDITIONS
- 2. RISERS AND RISER ADAPTERS NOT SUPPLIED BY MICROSEPTEC
- . PLUMBING DIMENSIONS FROM OUTSIDE EDG TANK TO INVERT OF INLET AND OUTLET
- . CONTRACTOR TO PROVIDE ADDITIONAL
 PLIMBING FOR ANY RIPLAL DEPTH GREATE
- PLUMBING FOR ANY BURIAL DEPTH GREATER
 THAN 4FT
 SITE-SPECIFIC CHARACTERISTICS INCLUDING I
- 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

ANK 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
- ARE REQUIRED.

 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OF
- SOIL REPORT
- I. VERTICAL CUT FOR FILL HEIGHT CAN BE DONE II 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

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

REVISION:

	REVISION:	DATE:	DESCRIPTION:
	KE VISION.	BY:	DESCRIPTION.

SITE INFORMATION:

ES 7.5
ENVIROSERVER
ADVANCED WASEWATER
TREATMENT SYSTEM

SHEET TITLE:

ES7.5-GRAV/SOL/UV

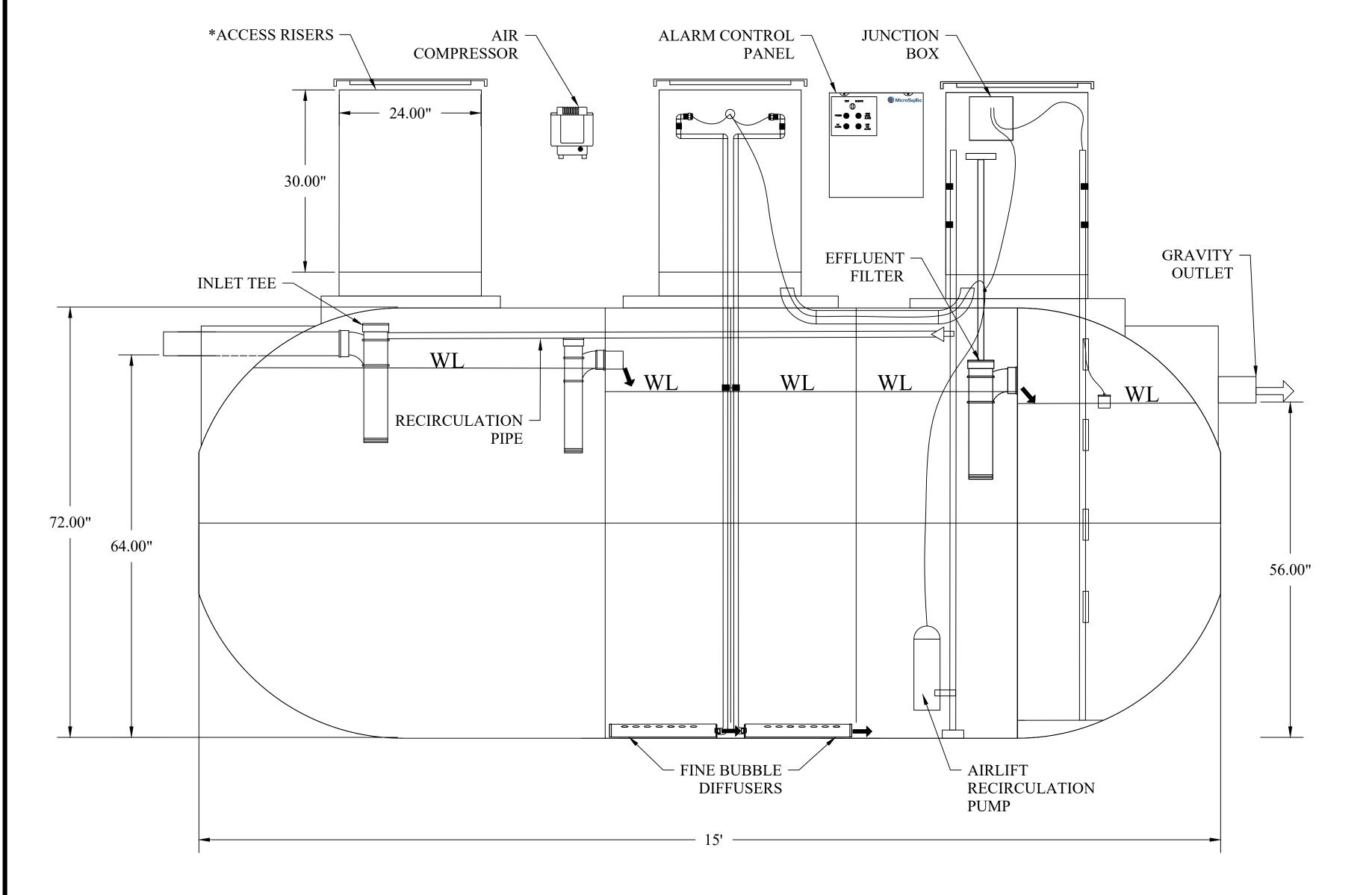
SHEET NUMBER:

1 OF 1

ENVIROSERVER - ES SERIES ES7.5-GRAV/NV

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



750	DESIGN TREATMENT CAPACITY (gpd)
2500	TOTAL TANK CAPACITY (gal)
15'-0"	TOTAL LENGTH
72	DIAMETER (in.)
64	INLET HEIGHT (in.)
56	OUTLET HEIGHT (in.)
30	BIOMEDIA VOLUME (cu.ft.)
2-EDI FINE BUBBLE	AIR DIFFUSER
HIBLOW HP150	AIR COMPRESSOR
NEEDLE VALVE	RECIRCULATION CONTROL
MCP-G	ALARM CONTROL PANEL
OPTIONAL	TELEMETRY

NOTES:

*MATERIALS NOT SUPPLIED BY MICROSEPTEC

SCALE NONE 1



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

NOTES

GENE	ERAL:	
_		

- . 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 EDO TANK TO INVERT OF INLET AND OUTLET
- CONTRACTOR TO PROVIDE ADDITIONAL PLUMBING FOR ANY BURIAL DEPTH GREA
- PLUMBING FOR ANY BURIAL DEPTH GREATER
 THAN 4FT
 SITE-SPECIFIC CHARACTERISTICS INCLUDING I
- 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

ANK 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
- COVER TO BE A MINIMUM OF 2FT.ENGINEERED BACKFILL TO BE A MINIMUM OF 12
- ALONG SIDES AND BOTTOM OF TANK
 9. GEOLOGIST OR GEOTECHNICAL ENGINEER TO
- ARE REQUIRED.

 DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OR
- SOIL REPORT
- I. VERTICAL CUT FOR FILL HEIGHT CAN BE DONE IS APPROVED BY LOCAL CODE OR SOIL ENGINEER
- 12. GEOLOGIST OR GEOTECH ENGINEER SHOULD
 DETERMINE IF CORROSIVE RESISTANT MATERIAI
 SHOULD BE USED IN ANY STEEL PARTS EXPOSED
 IN THE SOIL

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

REVISION:

	REVISION:	DATE:	DESCRIPTION:
	KE VISION.	BY:	DESCRIPTION.

SITE INFORMATION:

ES 7.5 ENVIROSERVER ADVANCED WASEWATER TREATMENT SYSTEM

SHEET TITLE:

ES7.5-GRAV/NV

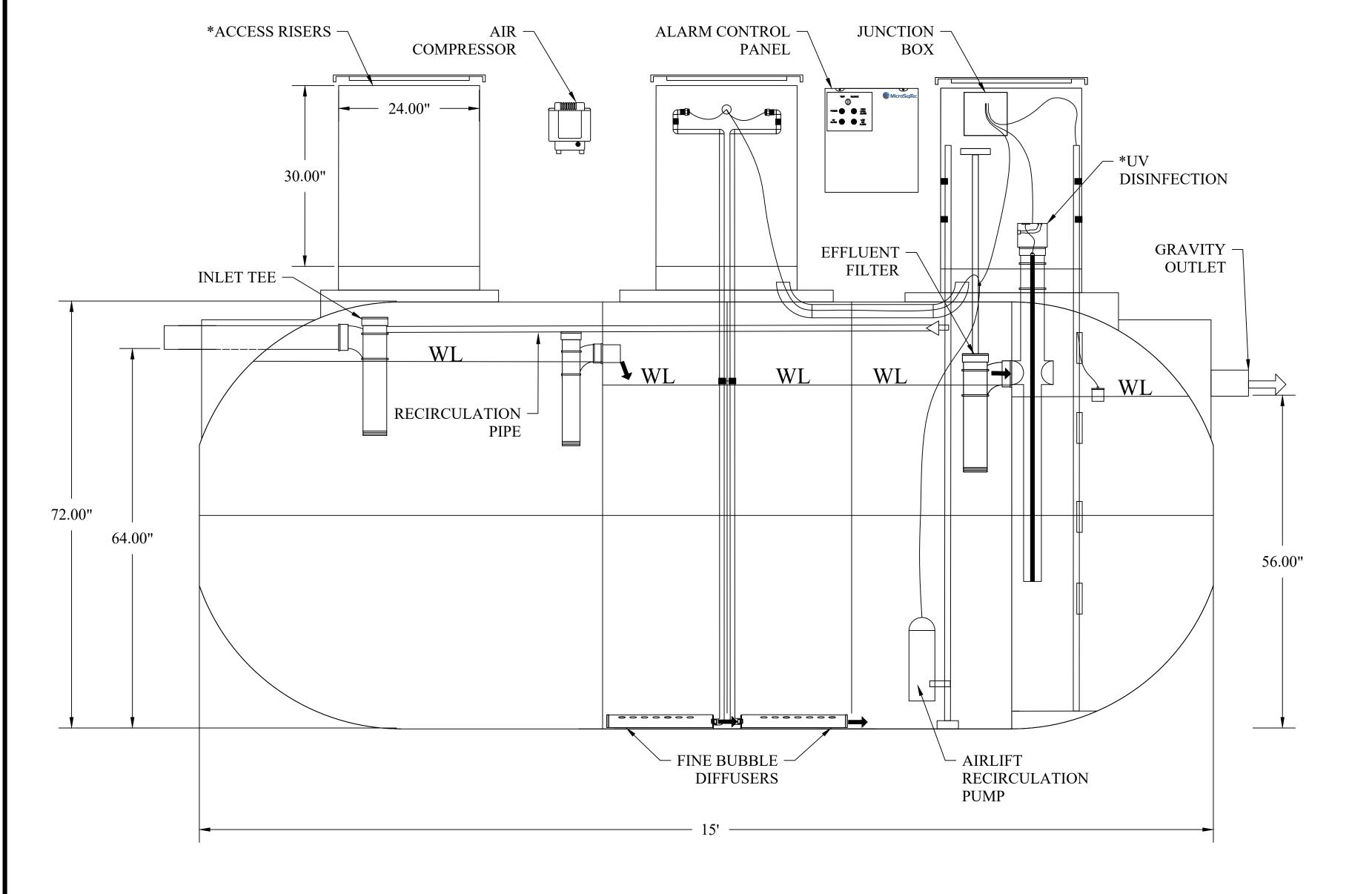
SHEET NUMBER:

1 OF 1

ENVIROSERVER - ES SERIES ES7.5-GRAV/NV/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



d) 750	DESIGN TREATMENT CAPACITY (gpd)
1) 2500	TOTAL TANK CAPACITY (gal)
H 15'-0"	TOTAL LENGTH
1.) 72	DIAMETER (in.)
64	INLET HEIGHT (in.)
56	OUTLET HEIGHT (in.)
30	BIOMEDIA VOLUME (cu.ft.)
R 2-EDI FINE BUBBLE	AIR DIFFUSER
R HIBLOW HP150	AIR COMPRESSOR
L NEEDLE VALVE	RECIRCULATION CONTROL
L MCP-G	ALARM CONTROL PANEL
Y OPTIONAL	TELEMETRY
N SALCOR 3G	DISINFECTION

NOTES:

*MATERIALS NOT SUPPLIED BY MICROSEPTEC

SCALE 1



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

NOTES

- 1. THE MIDDLE THREE CHAMBERS SHOULD NEVER BE PUMPED DRY, ESPECIALLY IN HIGH GROUNDWATER CONDITIONS
- 2. RISERS AND RISER ADAPTERS NOT SUPPLIED BY
- MICROSEPTEC
 PLUMBING DIMENSIONS FROM OUTSIDE EI
- TANK TO INVERT OF INLET AND OUTLET 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 FNGINEER REFORE INSTALLATION

ANK 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
- ARE REQUIRED.

 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OF
- 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE (SOIL REPORT
- VERTICAL CUT FOR FILL HEIGHT CAN BE DONE I
- 12. GEOLOGIST OR GEOTECH ENGINEER SHOULD DETERMINE IF CORROSIVE RESISTANT MATERIAL SHOULD BE USED IN ANY STEEL PARTS EXPOSED IN THE SOIL

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

REVISION:

REVISION:	DATE:	DESCRIPTION:
KE VISION.	BY:	DESCRIPTION.

SITE INFORMATION:

ES 7.5 ENVIROSERVER ADVANCED WASEWATER TREATMENT SYSTEM

SHEET TITLE:

ES7.5-GRAV/NV/UV

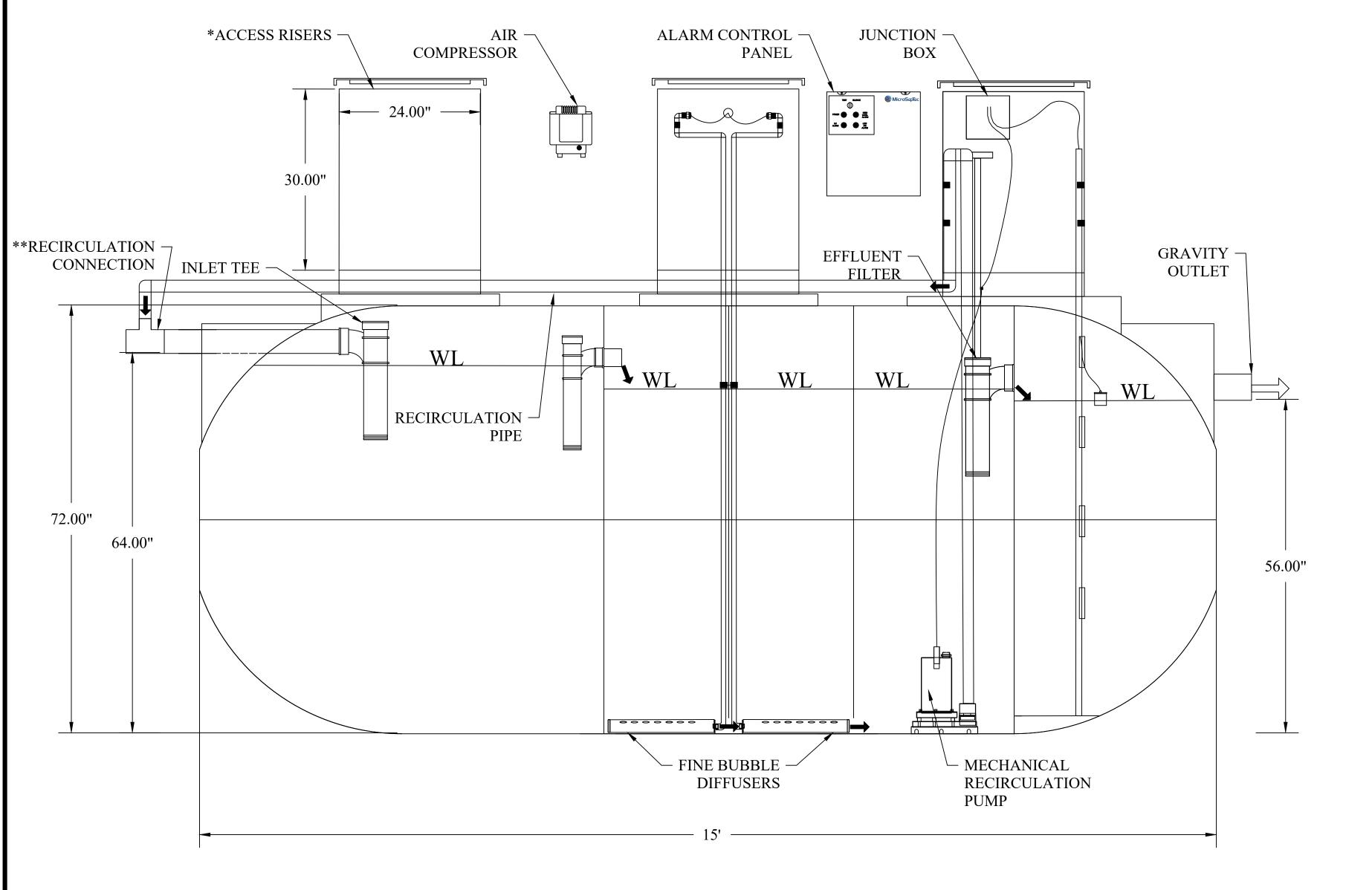
SHEET NUMBER:

1 OF 1

ENVIROSERVER - ES SERIES ES7.5-GRAV/MRP

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



750	DESIGN TREATMENT CAPACITY (gpd)
2500	TOTAL TANK CAPACITY (gal)
15'-0"	TOTAL LENGTH
72	DIAMETER (in.)
64	INLET HEIGHT (in.)
56	OUTLET HEIGHT (in.)
30	BIOMEDIA VOLUME (cu.ft.)
2-EDI FINE BUBBLE	AIR DIFFUSER
HIBLOW HP150	AIR COMPRESSOR
MECHANICAL	RECIRCULATION CONTROL
MCPR-G	ALARM CONTROL PANEL
OPTIONAL	TELEMETRY

NOTES:

MicroSepTeo

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

NOTES

GENE	ERAL:	
_		

- I. THE MIDDLE THREE CHAMBERS SHOULD NEV BE PUMPED DRY, ESPECIALLY IN HIGH GROUNDWATER CONDITIONS
- 2. RISERS AND RISER ADAPTERS NOT SUPPLIED BY
- PLUMBING DIMENSIONS FROM OUTSIDE EDGE O TANK TO INVERT OF INLET AND OUTLET
- CONTRACTOR TO PROVIDE ADDITIONAL PLUMBING FOR ANY BURIAL DEPTH GREA
- PLUMBING FOR ANY BURIAL DEPTH GREATER THAN 4FT
 . SITE-SPECIFIC CHARACTERISTICS INCLUDING I
- 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

ANK 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

 D. GEOLOGIST OR GEOTECHNICAL ENGINEER TO
- ARE REQUIRED.

 DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OR
- SOIL REPORT
- 11. VERTICAL CUT FOR FILL HEIGHT CAN BE DONE I 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

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

REVISION:

_			
	REVISION:	DATE:	DESCRIPTION:
	REVISION.	BY:	DESCRIPTION.

SITE INFORMATION:

ES 7.5 ENVIROSERVER ADVANCED WASEWATER TREATMENT SYSTEM

SHEET TITLE:

ES7.5-GRAV/MRP

SHEET NUMBER:

1 OF 1

TANK LAYOUT (ELEVATION VIEW)

S C A L E NONE

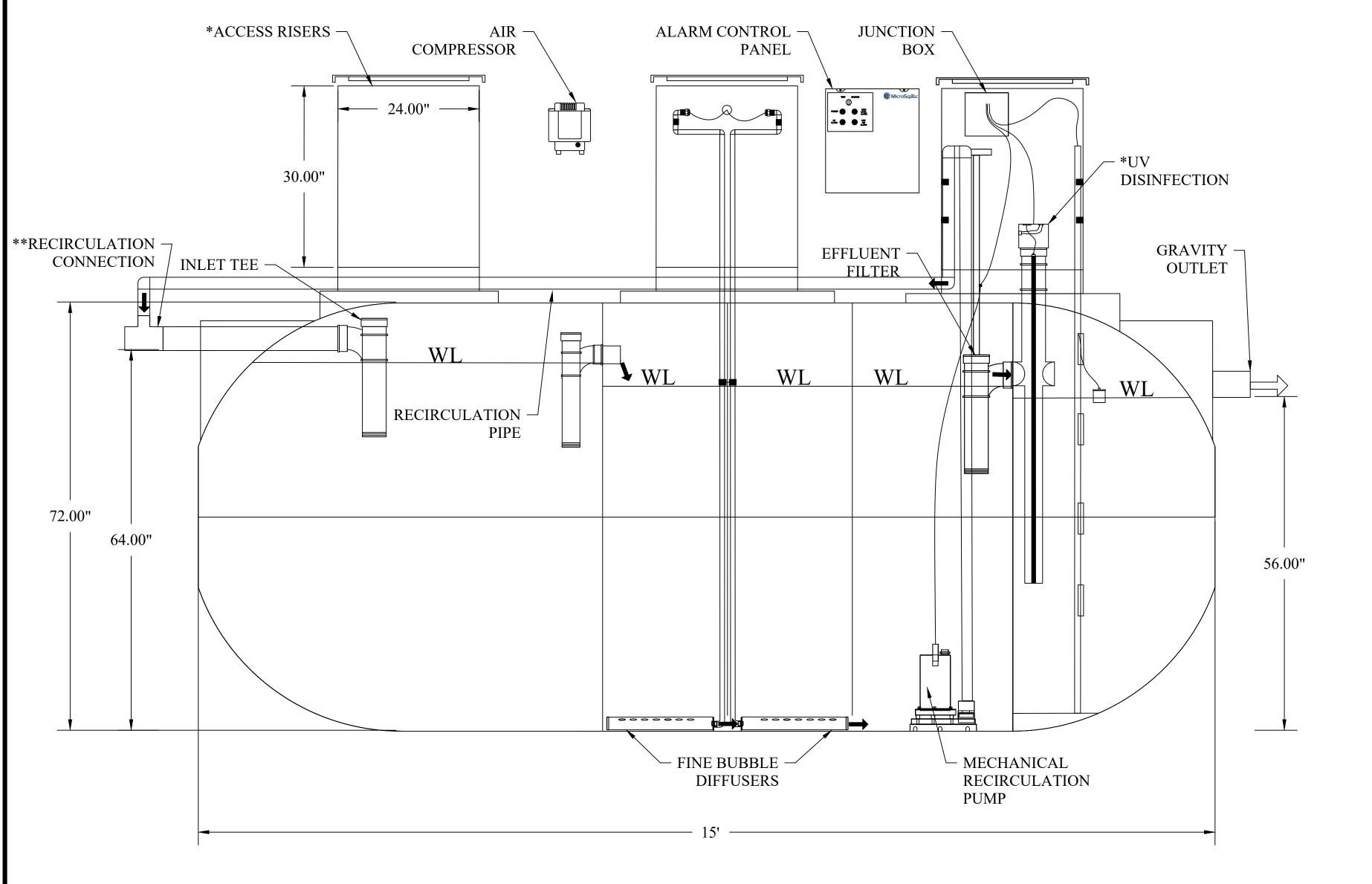
^{*}MATERIALS NOT SUPPLIED BY MICROSEPTEC

^{**}RECIRCULATION CONNECTION MUST BE LOCATED AT A MINIMUM OF 3FT FROM THE TANK

ENVIROSERVER - ES SERIES ES7.5-GRAV/MRP/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



750	DESIGN TREATMENT CAPACITY (gpd)
2500	TOTAL TANK CAPACITY (gal)
15'-0"	TOTAL LENGTH
72	DIAMETER (in.)
64	INLET HEIGHT (in.)
56	OUTLET HEIGHT (in.)
30	BIOMEDIA VOLUME (cu.ft.)
2-EDI FINE BUBBLE	AIR DIFFUSER
HIBLOW HP150	AIR COMPRESSOR
MECHANICAL	RECIRCULATION CONTROL
MCPR-G	ALARM CONTROL PANEL
OPTIONAL	TELEMETRY
SALCOR 3G	DISINFECTION

NOTES:

SCALE NONE 1



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

NOTES

- . 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 ED
- TANK TO INVERT OF INLET AND OUTLET
 4. CONTRACTOR TO PROVIDE ADDITIONAL
- PLUMBING FOR ANY BURIAL DEPTH GREATER THAN 4FT
- 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

ANK BURIAL:

- 6. THE DESIGNED TANK BURIAL DEPTH IS 2FT TO 6FT.
 ANY TANK BURIED BEYOND THAT RANGE MUST
- 7. COVER TO BE A MINIMUM OF 2FT. 3. ENGINEERED BACKFILL TO BE A MINIMUM OF 12"
- ALONG SIDES AND BOTTOM OF TANK

 D. GEOLOGIST OR GEOTECHNICAL ENGINEER TO
- ARE REQUIRED.

 DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OR
- SOIL REPORT
- I. VERTICAL CUT FOR FILL HEIGHT CAN BE DONE IS APPROVED BY LOCAL CODE OR SOIL ENGINEER
- 12. GEOLOGIST OR GEOTECH ENGINEER SHOULD
 DETERMINE IF CORROSIVE RESISTANT MATERIAI
 SHOULD BE USED IN ANY STEEL PARTS EXPOSED
 IN THE SOIL

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

REVISION:

REVISION:	DATE:	DESCRIPTION:
KE VISION.	BY:	DESCRIPTION.

SITE INFORMATION:

ES 7.5 ENVIROSERVER ADVANCED WASEWATER TREATMENT SYSTEM

SHEET TITLE:

ES7.5-GRAV/MRP/UV

SHEET NUMBER:

1 OF 1

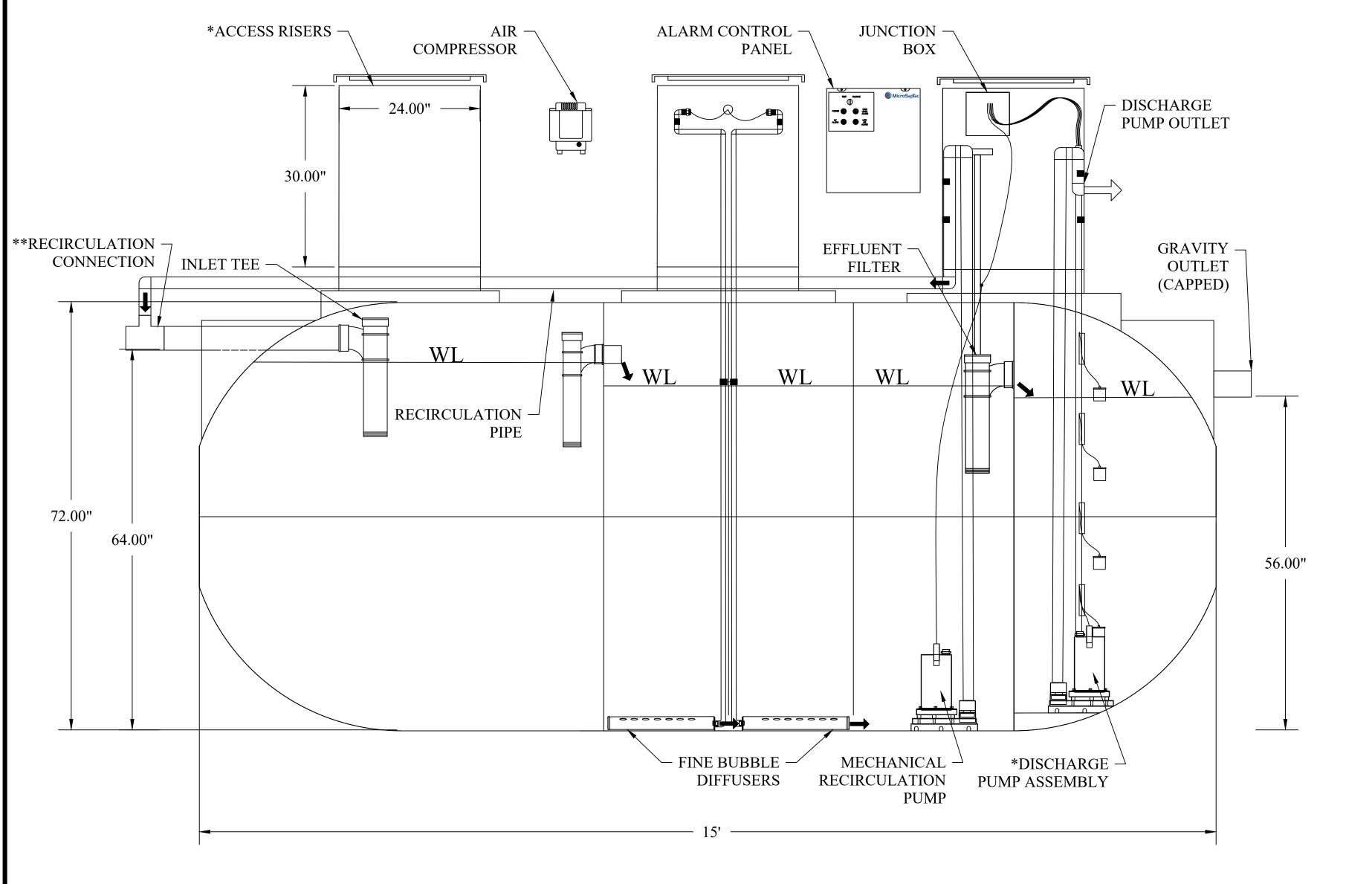
^{*}MATERIALS NOT SUPPLIED BY MICROSEPTEC

^{**}RECIRCULATION CONNECTION MUST BE LOCATED AT A MINIMUM OF 3FT FROM THE TANK

ENVIROSERVER - ES SERIES ES7.5-PUMP/MRP

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



750	DESIGN TREATMENT CAPACITY (gpd)
2500	TOTAL TANK CAPACITY (gal)
15'-0"	TOTAL LENGTH
72	DIAMETER (in.)
64	INLET HEIGHT (in.)
56	OUTLET HEIGHT (in.)
30	BIOMEDIA VOLUME (cu.ft.)
2-EDI FINE BUBBLE	AIR DIFFUSER
HIBLOW HP150	AIR COMPRESSOR
MECHANICAL	RECIRCULATION CONTROL
MCPR-DP	ALARM CONTROL PANEL
OPTIONAL	TELEMETRY
SIMPLEX OR DUPLEX	DISCHARGE PUMP

NOTES:

E

1 O



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
 PLUMBING DIMENSIONS FROM OUTSIDE ED
- TANK TO INVERT OF INLET AND OUTLET CONTRACTOR TO PROVIDE ADDITIONAL
- PLUMBING FOR ANY BURIAL DEPTH GREATER THAN 4FT
- NOT LIMITED TO: BURIAL DEPTH, TRAFFIC OR
 OTHER EXTERNAL LOADING, SEASONAL
 GROUNDWATER, AND SOIL CHARACTERISTICS
 SHOULD BE CONFIRMED WITH A LOCAL DESIGN
 ENGINEER REFORE INSTALLATION

ANK BURIAL:

- 6. THE DESIGNED TANK BURIAL DEPTH IS 2FT TO 6FT.
 ANY TANK BURIED BEYOND THAT RANGE MUST
- COVER TO BE A MINIMUM OF 2FT.
 ENGINEERED BACKFILL TO BE A MINIMUM OF 12'
- ALONG SIDES AND BOTTOM OF TANK
 D. GEOLOGIST OR GEOTECHNICAL ENGINEER TO
- DETERMINE IF ANCHORS AND TEXTILE FILTER ARE REQUIRED.
- 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OF SOIL REPORT
- SOIL REPORT 11. VERTICAL CUT FOR FILL HEIGHT CAN BE DONE I
- APPROVED BY LOCAL CODE OR SOIL ENGINEER

 12. GEOLOGIST OR GEOTECH ENGINEER SHOULD

 DETERMINE IE CORROSIVE RESISTANT MATERI
- DETERMINE IF CORROSIVE RESISTANT MATERIAL SHOULD BE USED IN ANY STEEL PARTS EXPOSED IN THE SOIL

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

REVISION

	REVISION.		
REVISION:	DATE:	DESCRIPTION:	
KE VISION.	BY:	DESCRIPTION.	

SITE INFORMATION:

ES 7.5 ENVIROSERVER ADVANCED WASEWATER TREATMENT SYSTEM

SHEET TITLE:

ES7.5-PUMP/MRP

SHEET NUMBER:

1 OF 1

TANK LAYOUT (ELEVATION VIEW)

S C A L E NONE

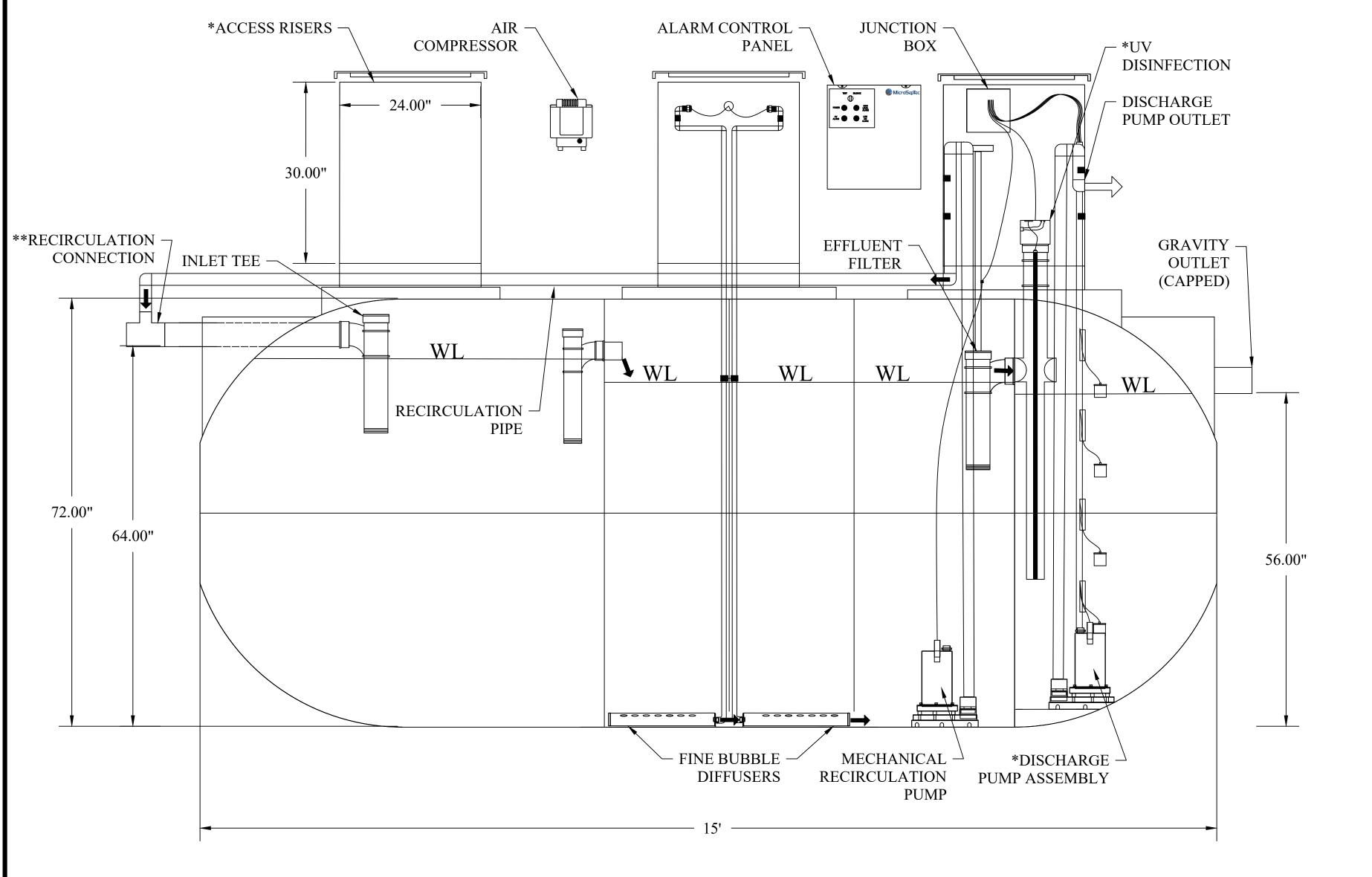
^{*}MATERIALS NOT SUPPLIED BY MICROSEPTEC

^{**}RECIRCULATION CONNECTION MUST BE LOCATED AT A MINIMUM OF 3FT FROM THE TANK

ENVIROSERVER - ES SERIES ES7.5-PUMP/MRP/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



750	DESIGN TREATMENT CAPACITY (gpd)
2500	TOTAL TANK CAPACITY (gal)
15'-0"	TOTAL LENGTH
72	DIAMETER (in.)
64	INLET HEIGHT (in.)
56	OUTLET HEIGHT (in.)
30	BIOMEDIA VOLUME (cu.ft.)
2-EDI FINE BUBBLE	AIR DIFFUSER
HIBLOW HP150	AIR COMPRESSOR
MECHANICAL	RECIRCULATION CONTROL
MCPR-DP	ALARM CONTROL PANEL
OPTIONAL	TELEMETRY
SIMPLEX OR DUPLEX	DISCHARGE PUMP
SALCOR 3G	DISINFECTION

NOTES:

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

MicroS∈pT∈c

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

NOTES

GENE	ERAL:	
_		

- 1. THE MIDDLE THREE CHAMBERS SHOULD NEVER BE PUMPED DRY, ESPECIALLY IN HIGH GROUNDWATER CONDITIONS
- RISERS AND RISER ADAPTERS NOT SUPPLIED BY
- MICROSEPTEC
- TANK TO INVERT OF INLET AND OUTLET
 CONTRACTOR TO PROVIDE ADDITIONAL
 PLUMBING FOR ANY RUBLAL DEPTH GREA
- PLUMBING FOR ANY BURIAL DEPTH GREATER THAN 4FT
- 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

ANK 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 OF
- 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE O SOIL REPORT
- VERTICAL CUT FOR FILL HEIGHT CAN BE DONE II
 APPROVED BY LOCAL CODE OF SOIL ENGINEER
- 12. GEOLOGIST OR GEOTECH ENGINEER SHOULD
 DETERMINE IF CORROSIVE RESISTANT MATERIAI
 SHOULD BE USED IN ANY STEEL PARTS EXPOSED
 IN THE SOIL

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

REVISION: DATE: DESCRIPTION:

REVISION:

SITE INFORMATION:

ES 7.5 ENVIROSERVER ADVANCED WASEWATER TREATMENT SYSTEM

SHEET TITLE:

ES7.5-PUMP/MRP/UV

SHEET NUMBER:

1 OF 1

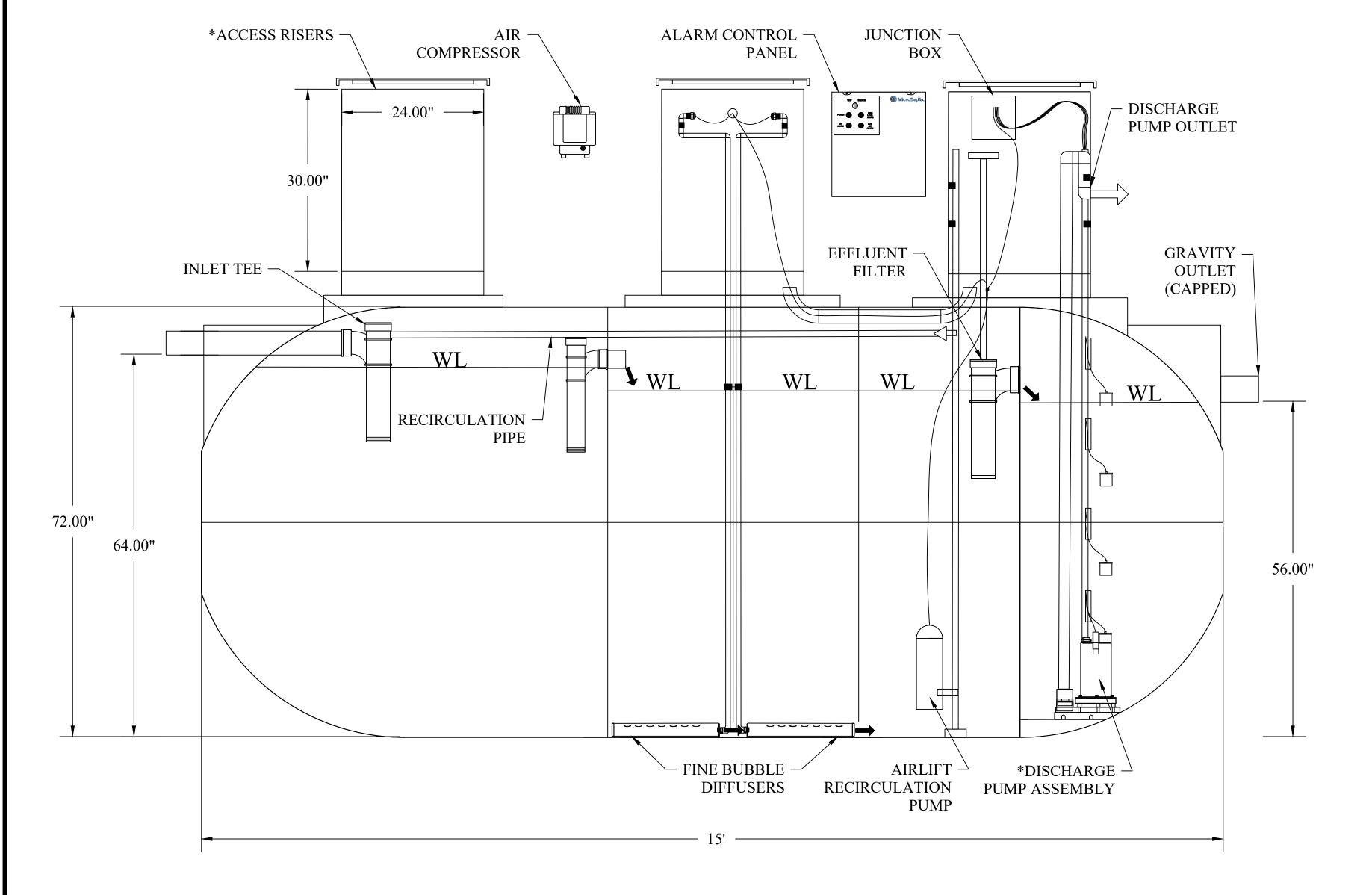
TANK LAYOUT (ELEVATION VIEW)

S C A L E NONE

ENVIROSERVER - ES SERIES ES7.5-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



750	DESIGN TREATMENT CAPACITY (gpd)
2500	TOTAL TANK CAPACITY (gal)
15'-0"	TOTAL LENGTH
72	DIAMETER (in.)
64	INLET HEIGHT (in.)
56	OUTLET HEIGHT (in.)
30	BIOMEDIA VOLUME (cu.ft.)
2-EDI FINE BUBBLE	AIR DIFFUSER
HIBLOW HP150	AIR COMPRESSOR
SOLENOID	RECIRCULATION CONTROL
MCPR-DP	ALARM CONTROL PANEL
OPTIONAL	TELEMETRY
SIMPLEX OR DUPLEX	DISCHARGE PUMP

NOTES:

*MATERIALS NOT SUPPLIED BY MICROSEPTEC

SCALE NONE 1



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

NOTES

- 1. THE MIDDLE THREE CHAMBERS SHOULD NEVER BE PUMPED DRY, ESPECIALLY IN HIGH GROUNDWATER CONDITIONS
- 2. RISERS AND RISER ADAPTERS NOT SUPPLIED BY
- MICROSEPTEC
 PLUMBING DIMENSIONS FROM OUTSIDE EDO
- TANK TO INVERT OF INLET AND OUTLET 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

ANK BURIAL:

- 6. THE DESIGNED TANK BURIAL DEPTH IS 2FT TO 6FT.
 ANY TANK BURIED BEYOND THAT RANGE MUST
- 7. COVER TO BE A MINIMUM OF 2FT.8. ENGINEERED BACKFILL TO BE A MINIMUM OF 12'
- ALONG SIDES AND BOTTOM OF TANK

 D. GEOLOGIST OR GEOTECHNICAL ENGINEER TO
- ARE REQUIRED.

 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OF
- 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE (SOIL REPORT
- SOIL REPORT

 VERTICAL CUT FOR FILL HEIGHT CAN BE DONE I
- 12. GEOLOGIST OR GEOTECH ENGINEER SHOULD
 DETERMINE IF CORROSIVE RESISTANT MATERIAL
 SHOULD BE USED IN ANY STEEL PARTS EXPOSED
 IN THE SOIL

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

SITE INFORMATION:

ES 7.5 ENVIROSERVER ADVANCED WASEWATER TREATMENT SYSTEM

SHEET TITLE:

ES7.5-PUMP/SOL

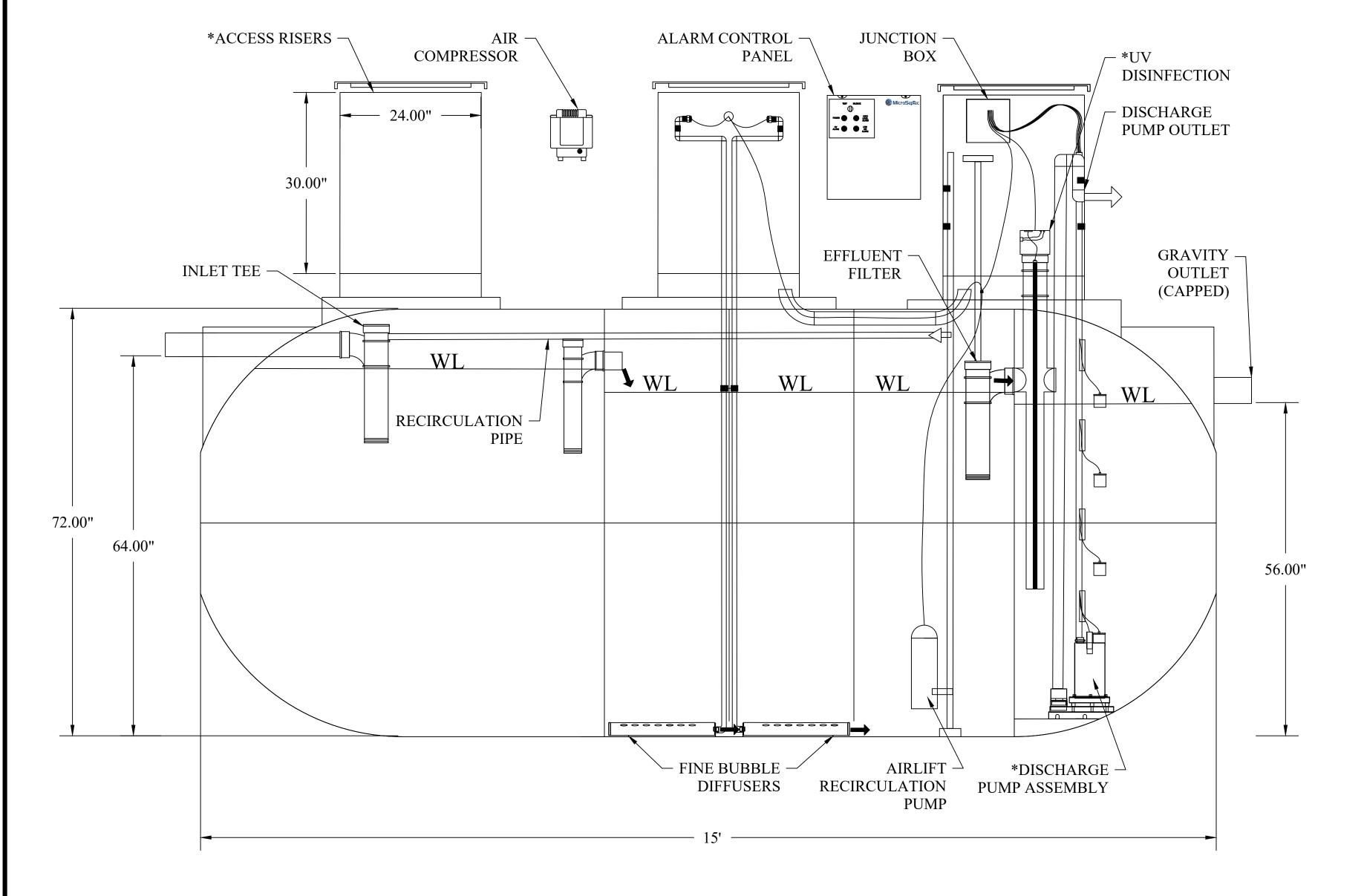
SHEET NUMBER:

1 OF 1

ENVIROSERVER - ES SERIES ES7.5-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



750	DESIGN TREATMENT CAPACITY (gpd)
2500	TOTAL TANK CAPACITY (gal)
15'-0"	TOTAL LENGTH
72	DIAMETER (in.)
64	INLET HEIGHT (in.)
56	OUTLET HEIGHT (in.)
30	BIOMEDIA VOLUME (cu.ft.)
2-EDI FINE BUBBLE	AIR DIFFUSER
HIBLOW HP150	AIR COMPRESSOR
SOLENOID	RECIRCULATION CONTROL
MCPR-DP	ALARM CONTROL PANEL
OPTIONAL	TELEMETRY
SIMPLEX OR DUPLEX	DISCHARGE PUMP
SALCOR 3G	DISINFECTION

NOTES:

*MATERIALS NOT SUPPLIED BY MICROSEPTEC

SCALE NONE 1



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

NOTES

- 1. THE MIDDLE THREE CHAMBERS SHOULD NEVER BE PUMPED DRY, ESPECIALLY IN HIGH GROUNDWATER CONDITIONS
- 2. RISERS AND RISER ADAPTERS NOT SUPPLIED BY
- PLUMBING DIMENSIONS FROM OUTSIDE EDG 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 REFORE INSTALLATION

ANK 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
 GEOLOGIST OR GEOTECHNICAL ENGINEER TO
- ARE REQUIRED.

 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OF
- DEPTH OF SOIL SLOPE CUT PER LOCAL CODE C SOIL REPORT
- SOIL REPORT
 VERTICAL CUT FOR FILL HEIGHT CAN BE DONE I
- 12. GEOLOGIST OR GEOTECH ENGINEER SHOULD
 DETERMINE IF CORROSIVE RESISTANT MATERIAL
 SHOULD BE USED IN ANY STEEL PARTS EXPOSED
 IN THE SOIL

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

	REV	VISION:
REVISION:	DATE:	DESCRIPTION:
KE VISION.	BY:	DESCRIPTION.

SITE INFORMATION:

ES 7.5
ENVIROSERVER
ADVANCED WASEWATER
TREATMENT SYSTEM

SHEET TITLE:

ES7.5-PUMP/SOL/UV

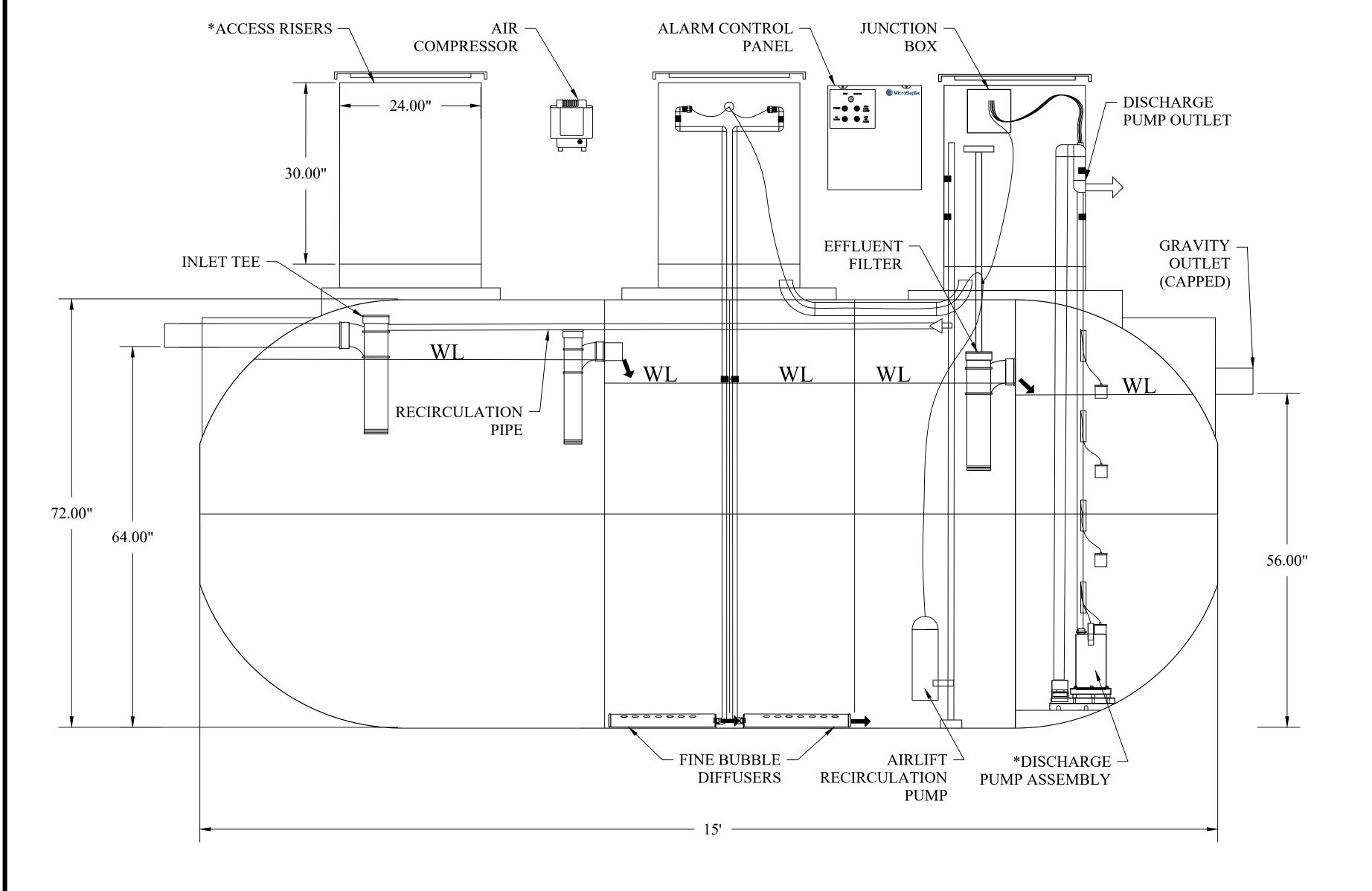
SHEET NUMBER:

1 OF 1

ENVIROSERVER - ES SERIES ES7.5-PUMP/NV

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



DESIGN TREATMENT CAPACITY (gpd)	750
TOTAL TANK CAPACITY (gal)	2500
TOTAL LENGTH	15'-0"
DIAMETER (in.)	72
INLET HEIGHT (in.)	64
OUTLET HEIGHT (in.)	56
BIOMEDIA VOLUME (cu.ft.)	30
AIR DIFFUSER	2-EDI FINE BUBBLE
AIR COMPRESSOR	HIBLOW HP150
RECIRCULATION CONTROL	NEEDLE VALVE
ALARM CONTROL PANEL	MCPR-DP
TELEMETRY	OPTIONAL
DISCHARGE PUMP	SIMPLEX OR DUPLEX

NOTES:

*MATERIALS NOT SUPPLIED BY MICROSEPTEC

SCALE NONE 1



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

NOTES

GENE	ERAL:	
_		

- . 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
- . 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 REFORE INSTALLATION

ANK 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 TEXTUE FILTER
- ARE REQUIRED.

 10. DEPTH OF SOIL SLOPE CUT PER LOCAL CODE OF
- SOIL REPORT
- 11. VERTICAL CUT FOR FILL HEIGHT CAN BE DONE I 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

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

	REVISION:		
ı	REVISION:	DATE: BY:	DESCRIPTION:
ı		В1:	
ı			
l			
ı			
ı			
ı			
ı			

SITE INFORMATION:

ES 7.5 ENVIROSERVER ADVANCED WASEWATER TREATMENT SYSTEM

SHEET TITLE:

ES7.5-PUMP/NV

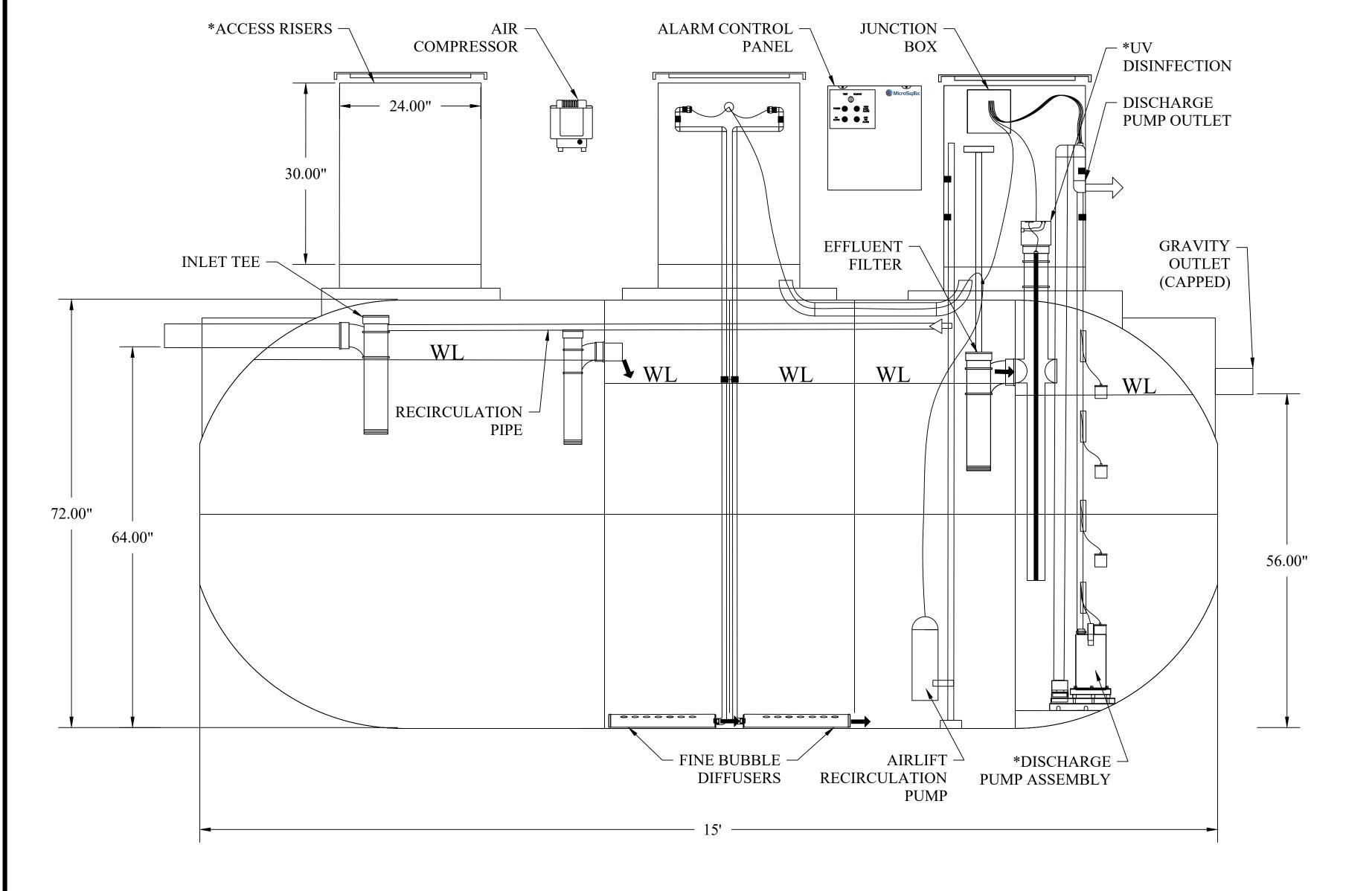
SHEET NUMBER:

1 OF 1

ENVIROSERVER - ES SERIES ES7.5-PUMP/NV/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



DESIGN TREATMENT CAPACITY (gpd)	750
TOTAL TANK CAPACITY (gal)	2500
TOTAL LENGTH	15'-0"
DIAMETER (in.)	72
INLET HEIGHT (in.)	64
OUTLET HEIGHT (in.)	56
BIOMEDIA VOLUME (cu.ft.)	30
AIR DIFFUSER	2-EDI FINE BUBBLE
AIR COMPRESSOR	HIBLOW HP150
RECIRCULATION CONTROL	NEEDLE VALVE
ALARM CONTROL PANEL	MCPR-DP
TELEMETRY	OPTIONAL
DISCHARGE PUMP	SIMPLEX OR DUPLEX
DISINFECTION	SALCOR 3G

NOTES:

*MATERIALS NOT SUPPLIED BY MICROSEPTEC

S C A L E NONE



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

NOTES

GENE	ERAL:	
_		

- THE MIDDLE THREE CHAMBERS SHOULD NEVER BE PUMPED DRY, ESPECIALLY IN HIGH GROUNDWATER CONDITIONS
- RISERS AND RISER ADAPTERS NOT SUPPLIED BY
- MICROSEPTEC
- TANK TO INVERT OF INLET AND OUTLET CONTRACTOR TO PROVIDE ADDITIONAL
- PLUMBING FOR ANY BURIAL DEPTH GREATER THAN 4FT
- NOT LIMITED TO: BURIAL DEPTH, TRAFFIC OR OTHER EXTERNAL LOADING, SEASONAL GROUNDWATER, AND SOIL CHARACTERISTICS SHOULD BE CONFIRMED WITH A LOCAL DESIGN

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

DRAWN:	DATE:	JOB NUMBER:
AJM	2/10/21	ES7.5

REVISION: DATE: DESCRIPTION: REVISION:

SITE INFORMATION:

ES 7.5 ENVIROSERVER ADVANCED WASEWATER TREATMENT SYSTEM

SHEET TITLE:

ES7.5-PUMP/NV/UV

SHEET NUMBER:

1 OF 1