

**NOTES:**

1. EXCAVATE TRENCHES TO PROPER WIDTH, AND PROPER DEPTH AS REQUIRED BY STATE AND LOCAL CODES.
2. SMOOTH IRREGULARITIES IN THE EXCAVATION. A LEVEL, FLAT SURFACE IS REQUIRED.
3. ASSEMBLE BIODIFFUSER LEACHING CHAMBERS AND UNIVERSAL ENDPLATES TOGETHER IN TRENCH(ES).
4. INSTALL UNIVERSAL END CAP AND SECURE IN PLACE WITH BACKFILL.
5. PUNCH OUT PIPE HOLE OPENINGS IN THE END PLATES AS NEEDED AND CONNECT INLET PIPES.
6. FILL SIDEWALL AREA TO TOP CHAMBERS WITH NATIVE SOIL (COARSE SAND OR FINE GRAVEL, MAY ALSO BE USED: NO HEAVY CLAY, SILT, OR DEBRIS SHALL BE INCLUDED.)
7. "WALK IN" FILL TO COMPACT SOIL ALONG SIDES OF BIODIFFUSER. THIS IS VERY IMPORTANT TO ACHIEVE LOAD RATING.
8. COVER BIODIFFUSER LEACHING CHAMBERS TO A MINIMUM OF 12" OF GRANULAR COVER AFTER CONSOLIDATION FOR H-10 APPLICATIONS. AVOID LARGE ROCKS OR DEBRIS IN COVER MATERIAL. COVER HEIGHTS AND LIVE LOADING LIMITS ARE IMPACTED BY BOTH SOIL TYPE AND COMPACTION REQUIREMENTS. CONTACT ADS WHEN POOR SOILS ARE ENCOUNTERED AND FOR MAXIMUM FILL HEIGHTS.

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2	FORMATTING UPDATES AND RENAMED	TJR	03/18/16		
REV.	DESCRIPTION	BY	MM/DD/YY	CHK'D	

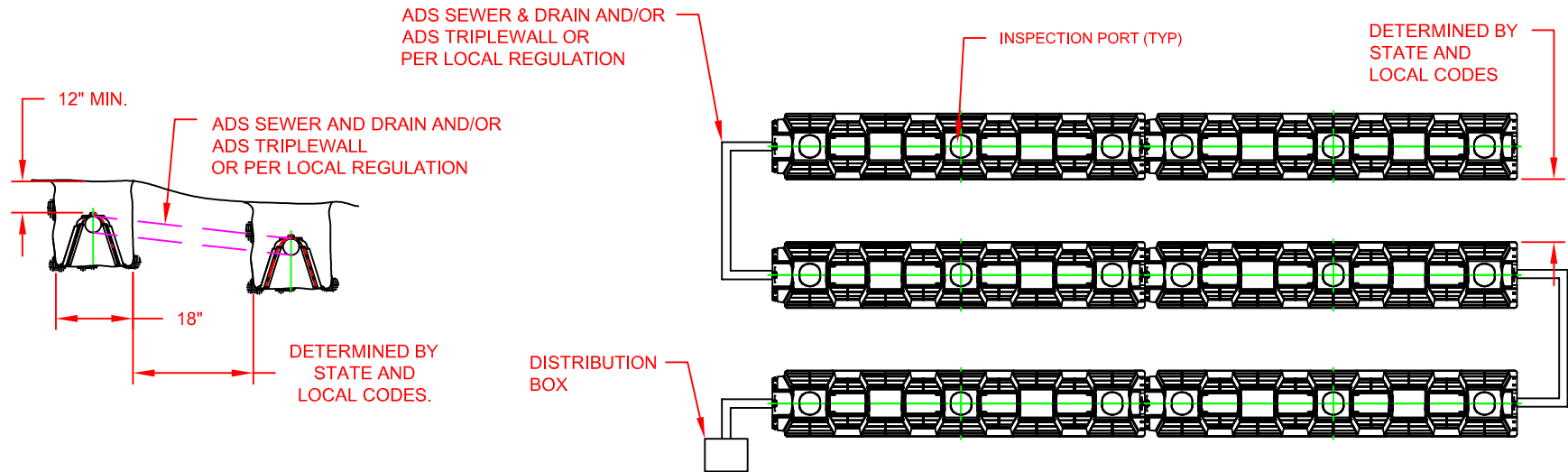
ADVANCED DRAINAGE SYSTEMS, INC. ("ADS") HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT, NOR HAS ADS INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEERS RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEETS OR EXCEEDS THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

<b>BIO 2 BIODIFFUSER TRENCH INSTALLATION</b>	
DRAWING NUMBER:	STD-910C



4640 TRUEMAN BLVD  
HILLIARD, OHIO 43026

DRAWN BY:	KAH
DATE:	11/1/04
CHK'D BY:	
SCALE:	NTS
SHEET:	OF



**NOTES:**

1. EXCAVATE TRENCHES TO PROPER WIDTH, AND PROPER DEPTH AS REQUIRED BY STATE AND LOCAL CODES.
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<b>BIO 2 BIODIFFUSER SERIAL INSTALLATION</b>	
DRAWING NUMBER:	STD-911C



4640 TRUEMAN BLVD  
HILLIARD, OHIO 43026

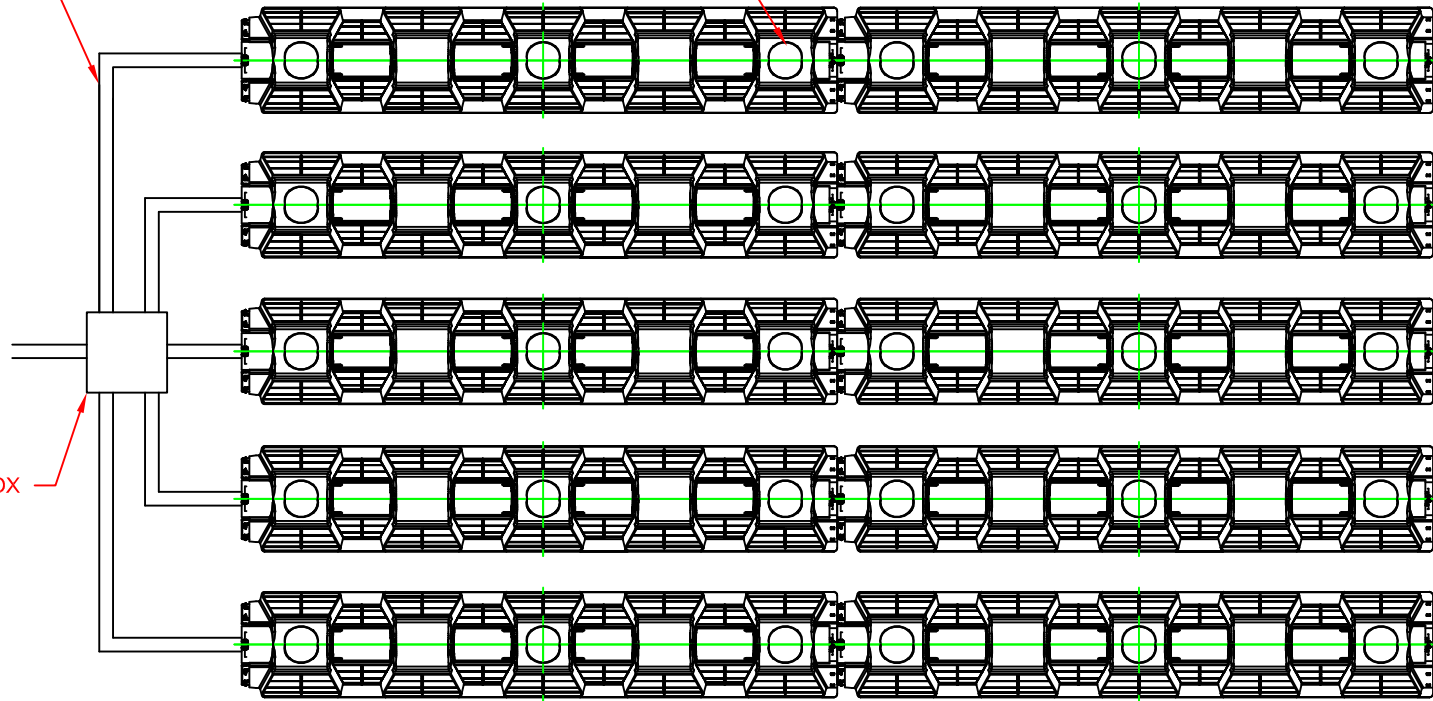
DRAWN BY:	KAH
DATE:	11/1/04
CHK'D BY:	
SCALE:	NTS
SHEET:	OF

ADS SEWER & DRAIN AND/OR  
ADS TRIPLEWALL OR  
PER LOCAL REGULATION

INSPECTION PORT (TYP)

6" MIN.

DISTRIBUTION BOX



**NOTES:**

1. EXCAVATE AND LEVEL INSTALLATION AREAS.
2. SMOOTH IRREGULARITIES IN THE EXCAVATION. A LEVEL, FLAT SURFACE IS REQUIRED.
3. INSTALL BIODIFFUSER LEACHING CHAMBERS IN ADJACENT ROWS TO COVER DESIRED AREA.
4. INSTALL UNIVERSAL END CAP AND SECURE IN PLACE WITH BACKFILL.
5. INSTALL 4" PIPE TO EACH ROW OF BIODIFFUSER USING KNOCKOUTS PROVIDED IN THE UNIVERSAL END CAPS.
6. ENDS OF ROWS MAY BE CONNECTED WITH PIPING TO IMPROVE DISTRIBUTION.
7. FILL PERIMETER AND INTERIOR SIDEWALL AREAS TO TOP OF CHAMBERS AND WALK INTO PLACE. AVOID LARGE OR ROCKS OR DEBRIS IN COVER MATERIAL.
8. COVER BIODIFFUSER LEACHING CHAMBERS TO A MINIMUM OF 12" OF GRANULAR COVER AFTER CONSOLIDATION FOR H-10 APPLICATIONS. AVOID LARGE ROCKS OR DEBRIS IN COVER MATERIAL. COVER HEIGHTS AND LIVE LOADING LIMITS ARE IMPACTED BY BOTH SOIL TYPE AND COMPACTION REQUIREMENTS. CONTACT ADS WHEN POOR SOILS ARE ENCOUNTERED AND FOR MAXIMUM FILL HEIGHTS. LIVE LOAD CONDITIANS ARE NOT RECOMMENDED IN BED CONDITIONS

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2	FORMATTING UPDATES AND RENAMED	TJR	03/18/16	
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**BIO 2 BIODIFFUSER  
CLUSTER INSTALLATION**

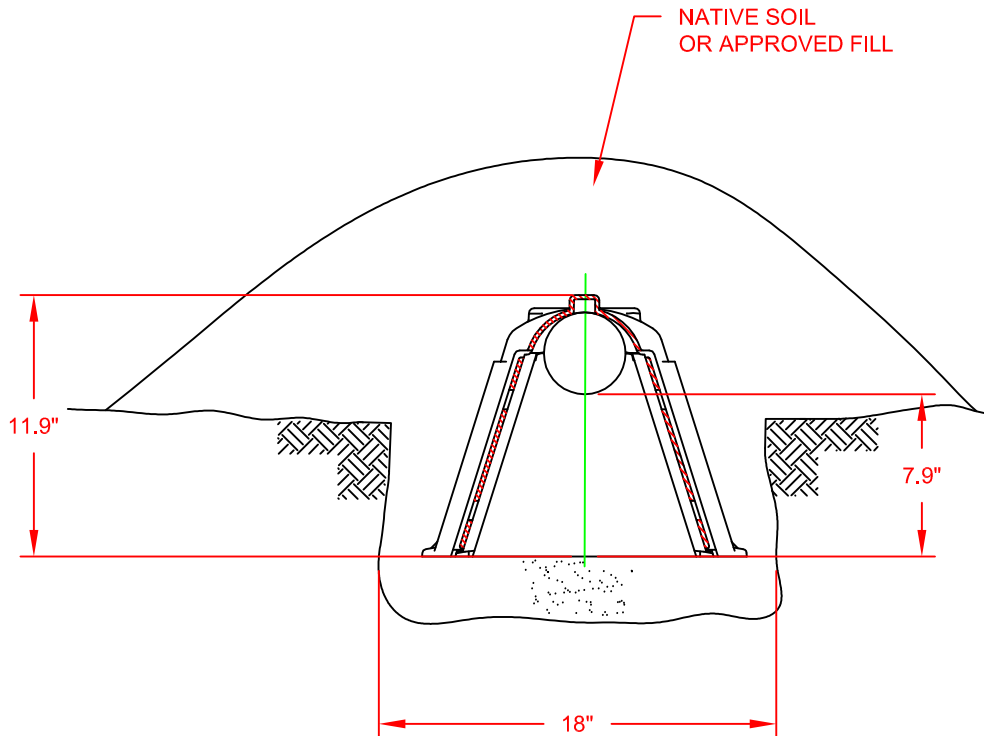
DRAWING NUMBER: STD-912C



4640 TRUEMAN BLVD  
HILLIARD, OHIO 43026

ADVANCED DRAINAGE SYSTEMS, INC.

DRAWN BY:	KAH
DATE:	12/8/04
CHK'D BY:	
SCALE:	NTS
SHEET:	OF



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\*WIDTH INCLUDES 2" OF SIDEWALL DISTANCE.

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<b>BIO 2 BIODIFFUSER AT GRADE INSTALLATION</b>	
DRAWING NUMBER:	STD-913C



4640 TRUEMAN BLVD  
HILLIARD, OHIO 43026

ADVANCED DRAINAGE SYSTEMS, INC.

DRAWN BY:	KAH
DATE:	12/8/04
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SHEET:	OF