



NATIVE BACKFILL
OR APPROVED FILL

- 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 TRENCHES).
 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" COVER. AVOID LARGE ROCKS OR DEBRIS IN COVER MATERIAL. COVER HEIGHTS ARE IMPACTED BY BOTH SOIL TYPE AND COMPACTION REQUIREMENTS. CONTACT HANCOR WHEN POOR SOILS ARE ENCOUNTERED AND FOR MAXIMUM FILL HEIGHTS. LIVE LOAD CONDITIONS ARE NOT RECOMMENDED.

*WIDTH INCLUDES 2" OF SIDE WALL DISTANCE.

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REV.	MODIFY DRAWING DESCRIPTION	CKS	8/27/07	MM/DD/YY	CHKD
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BIO 3 BIODIFFUSER AT GRADE INSTALLATION

DRAWING NUMBER: STD-913D

401 OLIVE ST.
 FINDLAY, OHIO 45839

DATE	12/8/04
SCALE	NTS
SHEET	OF