



NATIVE BACKFILL  
OR APPROVED FILL

**NOTES:**

1. EXCAVATE TRENCHES TO 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" 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.	DESCRIPTION	BY	MM/DD/YY	CHKD	DATE BY	SCALE
1	MODIFY DRAWING	CKS	8/27/07		12/8/04	NTS
<b>16" HI CAPACITY BIODIFFUSER AT GRADE INSTALLATION</b>					<b>HANCOR</b> 401 OLIVE ST. FINDLAY, OHIO 45839	
DRAWING NUMBER: STD-913B					DATE: 12/8/04	
					SCALE: NTS	
					SHEET: OF	