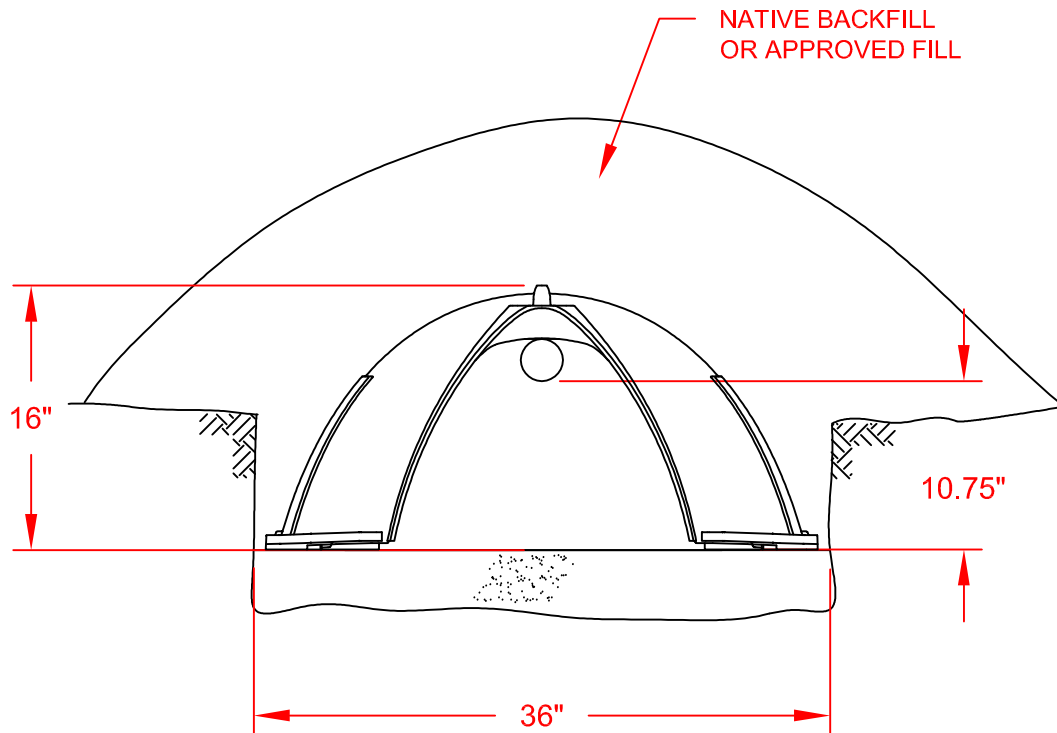NATIVE BACKFILL
OR APPROVED FILL

16"

10.75"

36"

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 ARC 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 ARC CHAMBER. THIS IS VERY IMPORTANT TO ACHIEVE LOAD RATING.

8. COVER ARC 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.

* WIDTH INCLUDES 2" OF SIDE WALL DISTANCE.

| 1 | FORMATTING UPDATES AND RENAMED | TJR | 03/18/16 | |
| REV. | DESCRIPTION | BY | MM/DD/YY | CHK'D |

ARC 36 HC
AT GRADE INSTALLATION

DRAWING NUMBER: STD-908D

//ADS
Advanced Drainage Systems, Inc.
4640 TRUEMAN BLVD
HILLIARD, OHIO 43026

DRAWN BY: TJR
DATE: 09/19/07
CK'D BY:
SCALE: NTS
SHEET: OF