

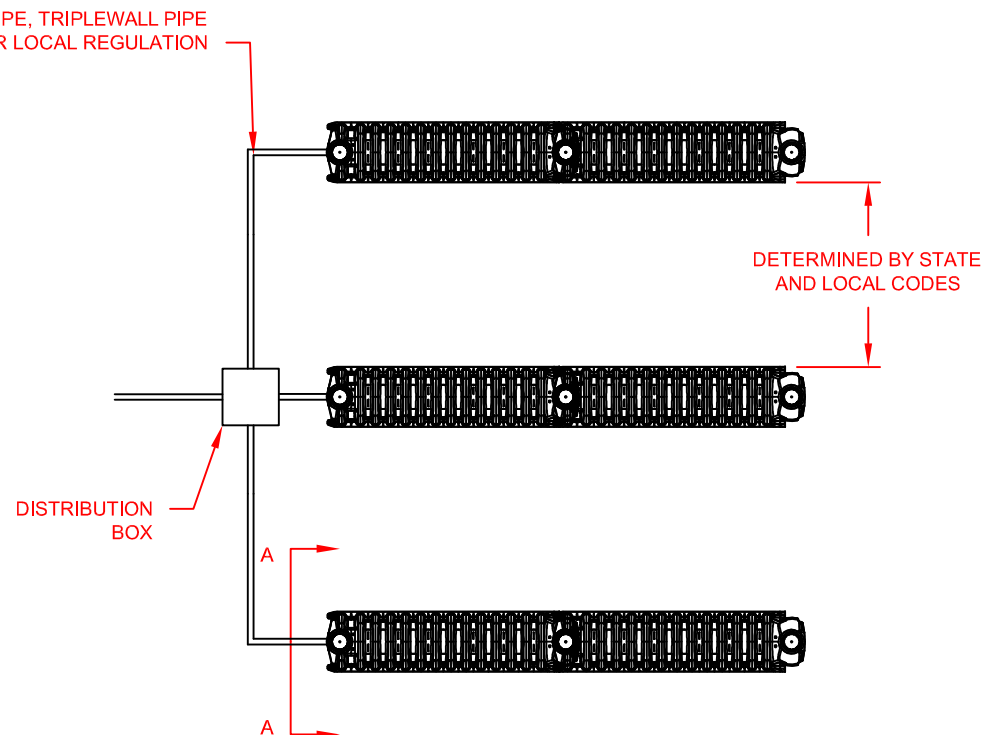
END CAPS

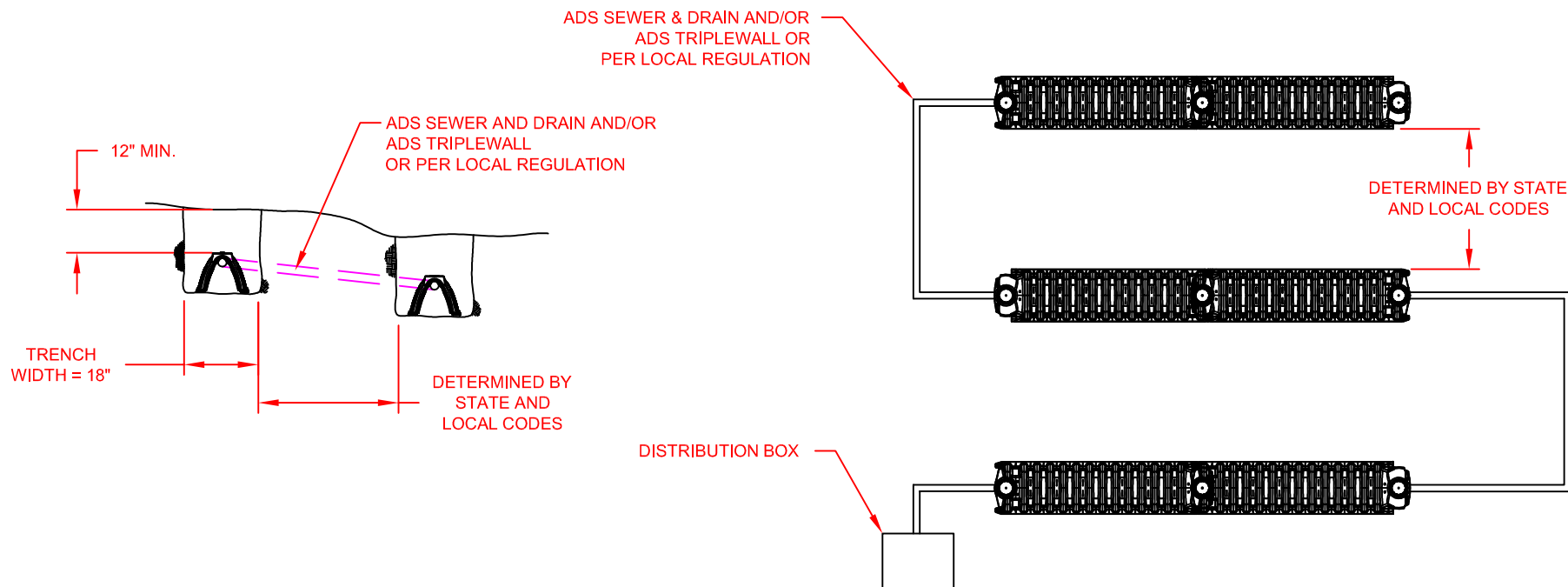
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REV.	DESCRIPTION	BY	MM/DD/YY	CHK'D	DRAWN BY:
					ETC
ARC 18 CHAMBER & END CAPS					DATE: 5.15.07
DRAWING NUMBER: STD-901					CHK'D BY:
					SCALE: NTS
					SHEET 1 OF 1







NOTES:

- EXCAVATE TRENCHES TO PROPER WIDTH, AND PROPER DEPTH AS REQUIRED BY STATE AND LOCAL CODES.
- SMOOTH IRREGULARITIES IN THE EXCAVATION. A LEVEL, FLAT SURFACE IS REQUIRED.
- ASSEMBLE ARC LEACHING CHAMBERS AND UNIVERSAL ENDPLATES TOGETHER IN TRENCH(ES).
- INSTALL UNIVERSAL END CAPS AND SECURE IN PLACE WITH BACKFILL.
- PUNCH OUT PIPE HOLE OPENINGS IN THE END PLATES AS NEEDED AND CONNECT INLET PIPES.
- 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).
- "WALK IN" FILL TO COMPACT SOIL ALONG SIDES OF ARC CHAMBER. THIS IS VERY IMPORTANT TO ACHIEVE LOAD RATING.
- 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.

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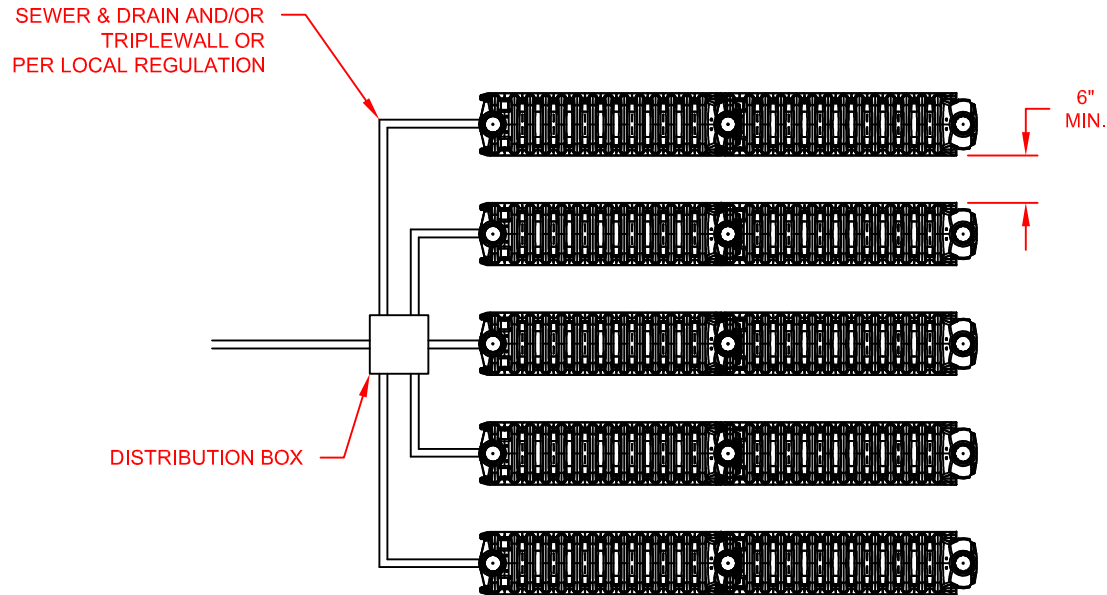
REV.	DESCRIPTION	BY	MM/DD/YY	CHK'D

ARC 18 CHAMBER STANDARD SERIAL MODE INSTALLATION

DRAWING NUMBER: STD-906A



DRAWN BY	AMK
DATE	10/10/08
CHECKED BY	CKS
SCALE	NTS
SHEET	OF



NOTES:

1. EXCAVATE AND LEVEL INSTALLATION AREAS.
2. SMOOTH IRREGULARITIES IN THE EXCAVATION. A LEVEL, FLAT SURFACE IS REQUIRED.
3. INSTALL ARC 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 ARC CHAMBER 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 ROCKS OR DEBRIS IN COVER MATERIAL.
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. LIVE LOAD CONDITIONS ARE NOT RECOMMENDED.

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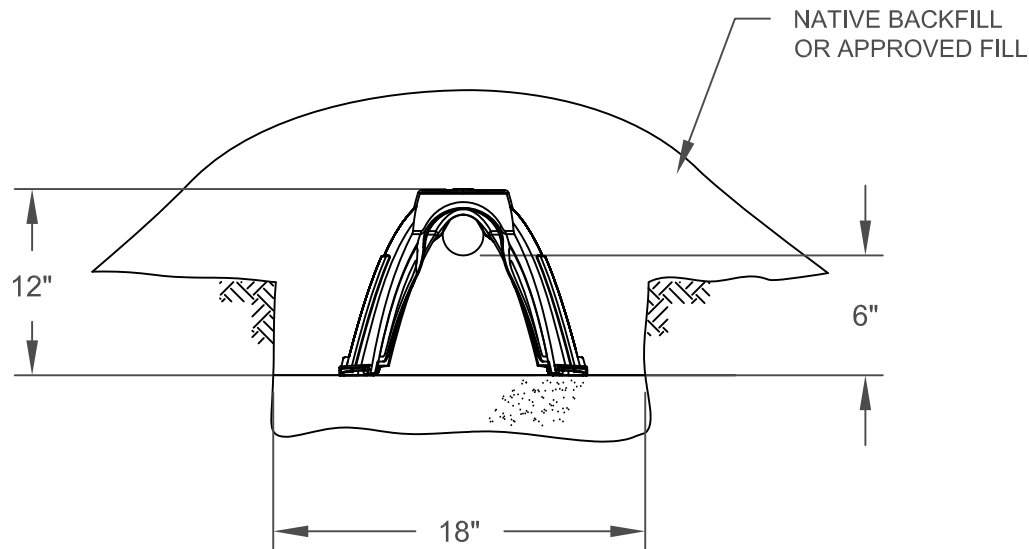
REV.	DESCRIPTION	BY	MM/DD/YY	CHK'D

ARC 18 CHAMBER STANDARD CLUSTER SYSTEM INSTALLATION

DRAWING NUMBER: STD-907A



DRAWN BY	AMK
DATE	10/10/08
CHK'D BY	CKS
SCALE	NTS
SHEET	OF



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.

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REV.	DESCRIPTION	BY	MM/DD/YY	CHK'D	
<div> <div>ARC 18 CHAMBER STANDARD AT GRADE INSTALLATION</div> <div>DRAWING NUMBER: STD-908A</div> </div>					
					DRAWN BY: AMK DATE: 10/10/08 CHECKED BY: CKS SCALE: NTS SHEET: OF