

END CAPS

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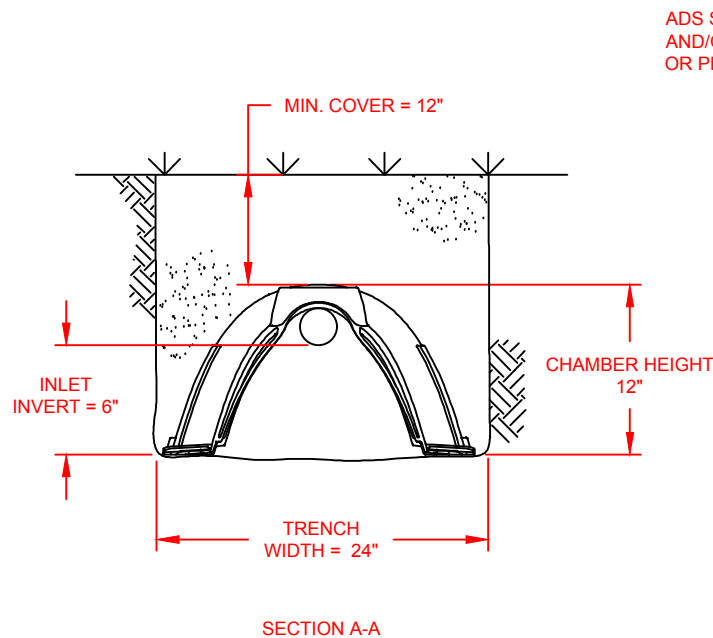
1	RENAMED	TJR	03/18/16	
REV.	DESCRIPTION	BY	MM/DD/YY	CHK'D

ARC 24 CHAMBER AND END CAP

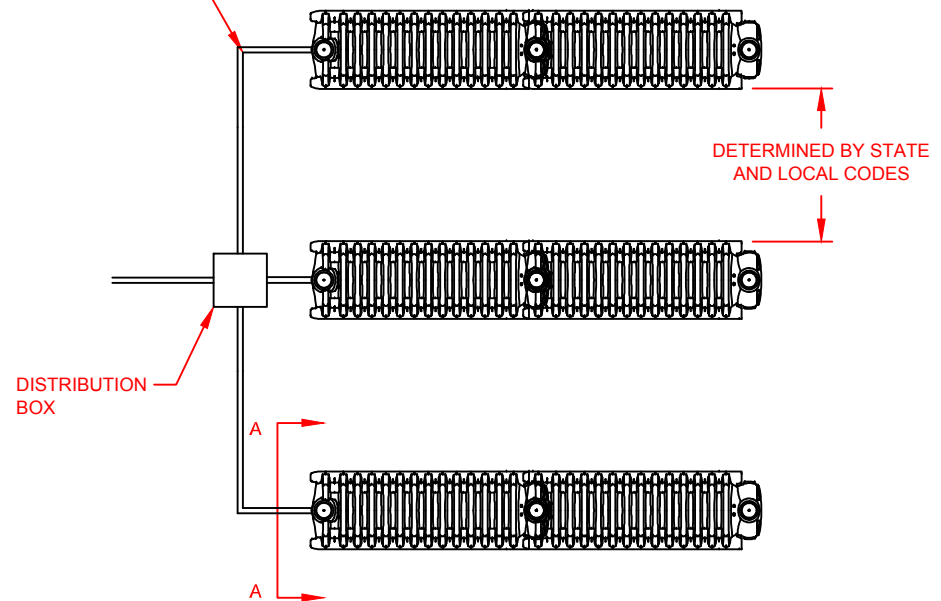
DRAWING NUMBER: STD-902



DRAWN BY:	ETC
DATE:	5.15.07
CVD BY:	
SCALE:	NTS
SHEET:	1 OF 1



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



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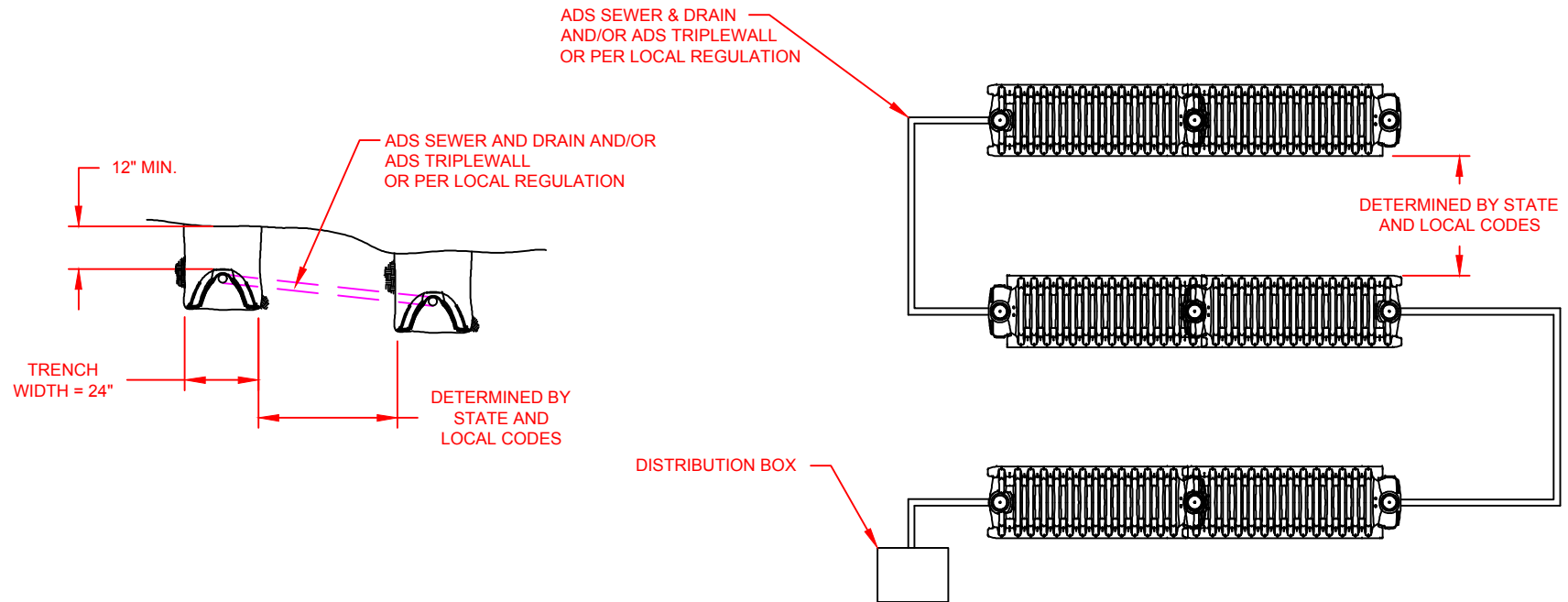
1	FORMATTING UPDATES AND RENAMED	TJR	03/18/16	
REV.	DESCRIPTION	BY	MM/DD/YY	CHK'D

ARC 24 TRENCH INSTALLATION

DRAWING NUMBER: STD-905B



DRAWN BY:	TJR
DATE:	09/05/07
CDS BY:	CKS
SCALE:	NTS
SHEET	OF



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 ARC LEACHING CHAMBERS AND UNIVERSAL ENDPLATES TOGETHER IN TRENCH(ES).
4. INSTALL UNIVERSAL END CAPS 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.

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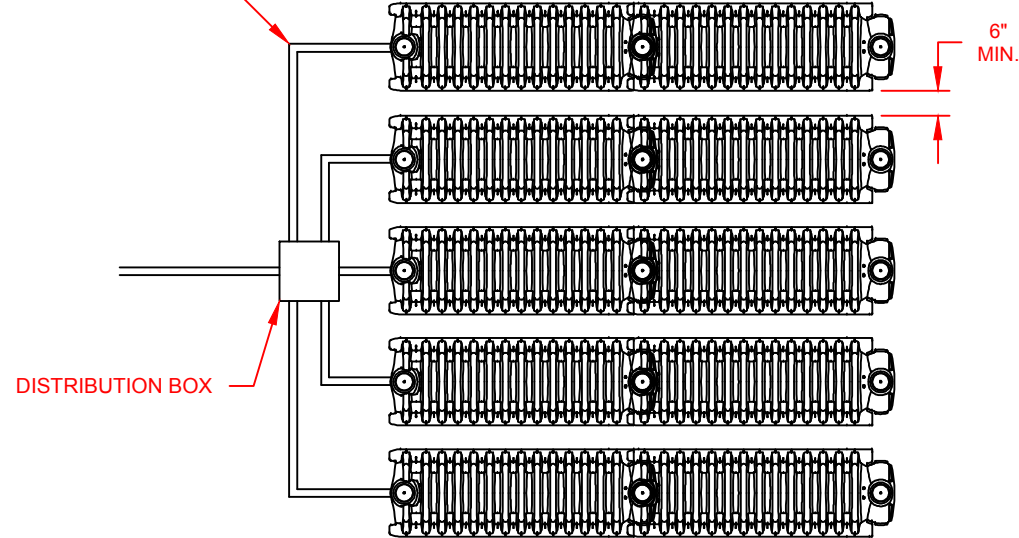
**ARC 24
SERIAL INSTALLATION**

DRAWING NUMBER: STD-906B



DRAWN BY:	TJR
DATE:	09/05/07
CDS BY:	CKS
SCALE:	NTS
SHEET	OF

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



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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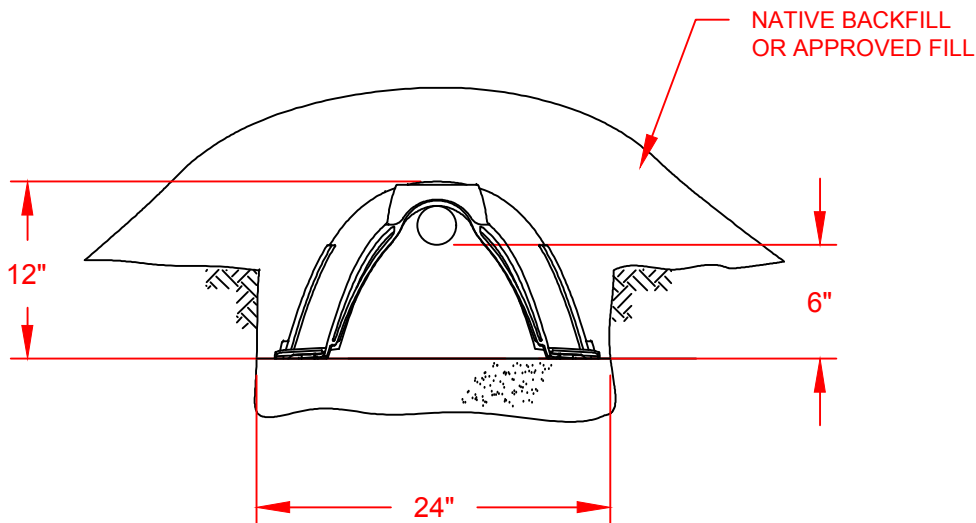
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ARC 24 CLUSTER INSTALLATION

DRAWING NUMBER: STD-907B



DRAWN BY	TJR
DATE	09/05/07
CHECKED BY	CKS
SCALE	NTS
SHEET	OF




NOTES:

1. EXCAVATE TRENCHES TO PROPER DEPTH AS REQUIRED BY STATE AND LOCAL CODES.
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* WIDTH INCLUDES 2" OF SIDE WALL DISTANCE.

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1	FORMATTING UPDATES AND RENAMED	TJR	03/18/16		
REV.	DESCRIPTION	BY	MM/DD/YY	CHK'D	
<div> <div> ARC 24 AT GRADE INSTALLATION </div> <div>  <div> 4640 TRUEMAN BLVD HILLIARD, OHIO 43026 </div> </div> </div>					
DRAWING NUMBER: STD-908B			<div> <div> DATE: 09/19/07 CND BY: SCALE: NTS SHEET OF </div> <div> DRAWN BY: TJR </div> </div>		