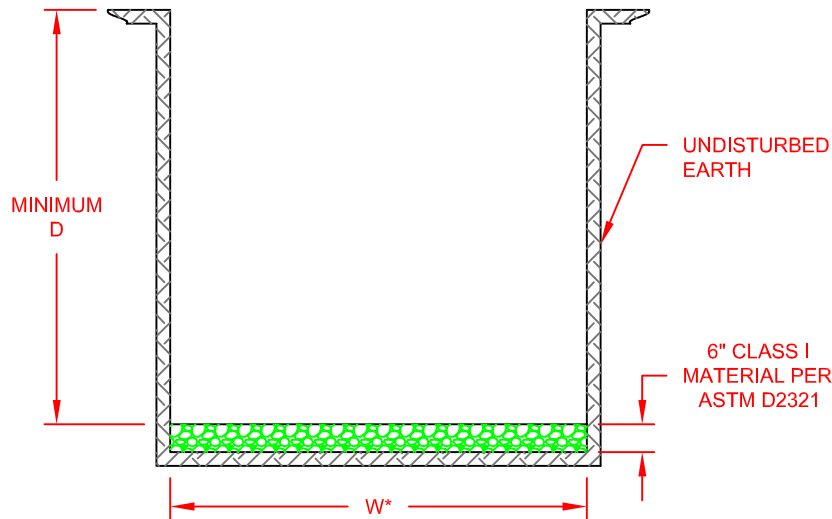


## 1. TRENCH AND BEDDING PREPARATION FOR UNIT



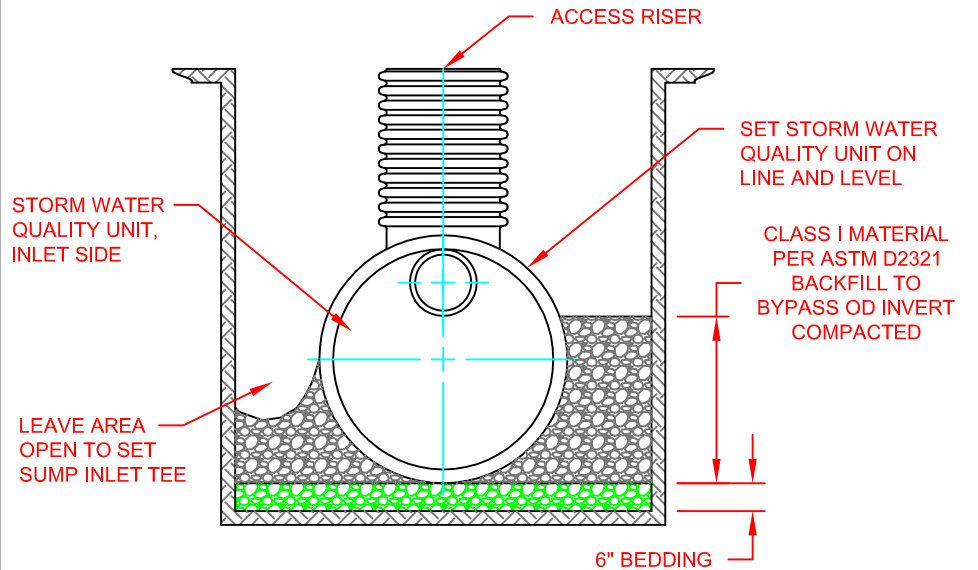
### NOTES:

1. AVOID EXCESSIVE GROUND WATER IN THE TRENCH DE-WATER AS NECESSARY.
2. PROVIDE SHEETING OR SHORING AS REQUIRED.
3. MAXIMUM COVER HEIGHT MEASURED FROM THE TOP OF THE UNIT TO FINAL GRADE SHALL NOT EXCEED 8 FEET.
4. MODIFIED TRENCH BOTTOM REQUIRED IF SOFT OR ROCK MATERIAL IS FOUND.

UNIT SIZE	MINIMUM D	MINIMUM W*
36"	4.5'	6.5'
42"	5.0'	7.0'
48"	5.5'	7.5'
60"	7.5'	8.5'

\* TRENCH WIDTH DOES NOT ACCOUNT FOR BY-PASS PIPE, THIS ESTIMATE IS FOR THE MAIN UNIT ONLY

## 2. PLACING UNIT AND INITIAL BACKFILL



### NOTES:

1. UTILIZE CARE WHEN LOWERING UNIT INTO THE TRENCH. HANDLE USING NYLON SLINGS AND TWO PICK POINTS. DO NOT USE SLINGS AROUND RISERS.
2. PLACE BACKFILL AROUND THE UNIT IN UNIFORM 8"-12" LIFTS, COMPACTED.
3. WHEN THE UNIT CONSISTS OF 2 SECTIONS, PLACE THE DOWNSTREAM SECTION FIRST. PROPERLY LUBE THE BELL AND SPIGOT. CONNECT AND HOME THE REMAINING SECTIONS.

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2	FORMATTING UPDATES AND RENAMED	TJR	02/17/16	
REV.	DESCRIPTION	BY	MM/DD/YY	CHK'D

### WQU INSTALLATION (TRENCH AND PLACEMENT)

DRAWING NUMBER: STD-511



4640 TRUEMAN BLVD  
HILLIARD, OHIO 43026

ADVANCED DRAINAGE SYSTEMS, INC.

DRAWN BY:	MGB
DATE:	7/28/03
CHK'D BY:	
SCALE:	NTS
SHEET	OF