Water Bo	ar Location			
Pipeline	Station			

Water Bar				
* Slope %	Interval-Ft			
5 - 10	800			
10 – 20	500			
20 –30	200			

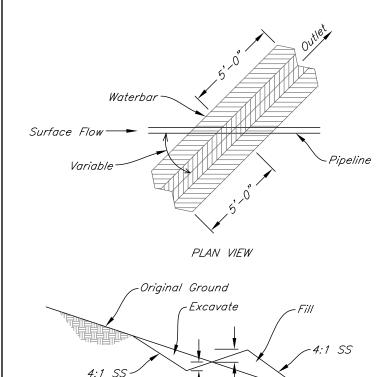
<sup>\*</sup> Note: Where Distance is Shorter than Recommended Interval, Place One Water Bar Midway on Slope.

Mound and Finish Backfill Material as Shown	
3:1 Original Ground Line 3:1	02746
Bedding Material	Depth of Bury
Rock Strata	
	<b>*</b>

Plow Installation						
Planned Depth	As Built Depth	Notes				

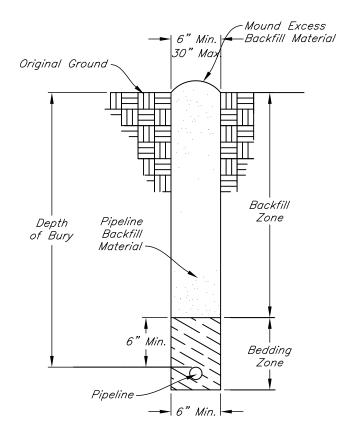
## TRENCH BACKFILL MOUNDED Not to Scale

Note: In the event of encountering an unpenitratable rock ledge during trenching, the backfill will be mounded over the trench to attain bury depth



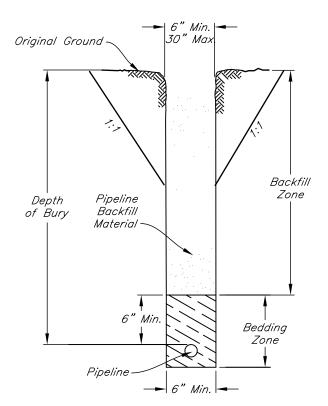
TYPICAL WATERBAR INSTALLATION
Not to Scale

SIDE VIEW



## TRENCHER BACKFILL DETAILS Not to Scale

All Excavations Must Meet the Requirements of OSHA, CFR 29 Part 1926, Subpart P



## BACKHOE TRENCH EXCAVATION Not to Scale

Note: Use Alternate Trench Detail when Excavating in Unstable Soils

Date		Cassie Ahmed 03–22–2024		
	1	$\mathcal{S}$		
		Ahmed		
		Cassie		
7		Drawn .		Approved

RENCH DETAILS

OWNER:

COUNTY:

United States Department of Agriculture

JSDA

File Name

ND-DWG-142

Date *03-22-2024* 

Sheet