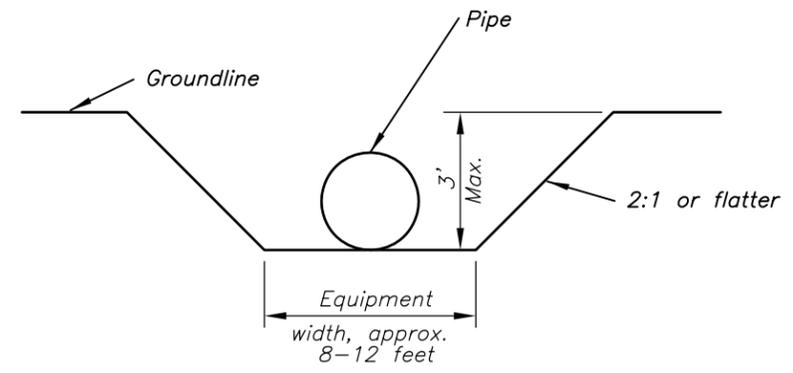
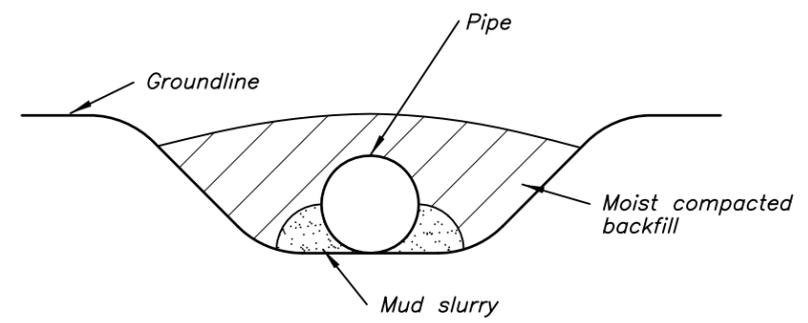


PIPE PROFILE



SECTION A-A BEFORE WATER PACKING



SECTION A-A AFTER WATER PACKING

STEPS:

1. Excavate pipe trench similar to section A-A as needed to install pipe to lines and grades shown on drawings.
2. Install pipe and anti-seep collars.
3. Install compacted dike at lower end of pipe trench to contain water.
4. Dump several hundred gallons of water down pipe trench which will pond water upstream of temporary dike to a depth half way up on pipe.
5. Bring moist loose friable soil in from the sides and push into water making a slurry (mud). Keep bringing the soil in from the sides and force the mud all around the bottom half of pipe. Earth lift shall not exceed 8 inches in thickness prior to compaction. Compact thoroughly with complete coverage of the tracks of the dozer. Place backfill in a manner to eliminate any voids around the pipe and anti-seep collars. Each side should be backfilled at same rate to avoid pushing pipe to one side. Direction of soil placement will be towards pipe and upstream. This backfill will move the remaining water up the slope. Mound the moist compacted soil at least 12 inches over pipe, before crossing with equipment.
6. Continue operation 5 until pipe is completely backfilled. Add water as needed to keep mud slurry around bottom half of pipe.
7. Equipment used shall be a dozer. Low ground pressure dozers are not permitted.

Date	
Designed	
Drawn	
Checked	
Approved	

**WATER PACKING OF STEEL PIPE**



DRAFT  
NOT FOR  
CONSTRUCTION

File Name	
Drawing Name	29-N-119A
Sheet	of