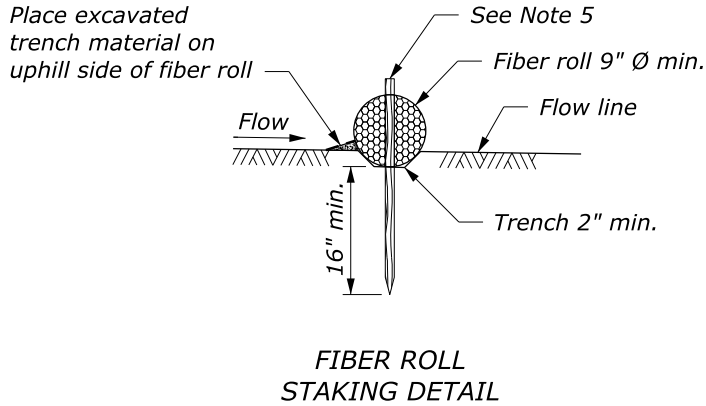
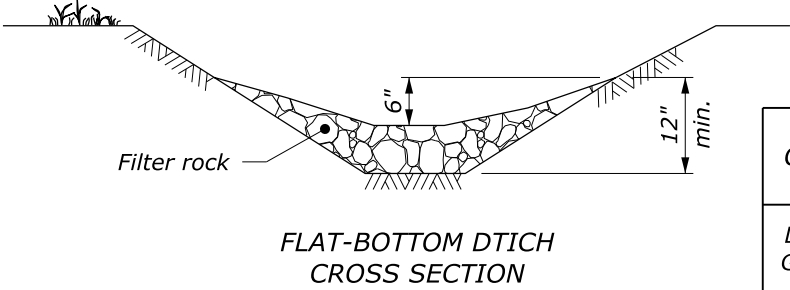
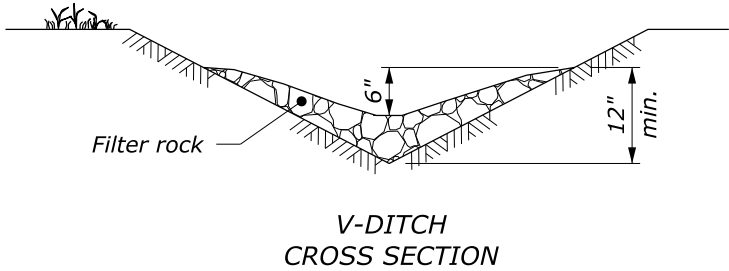
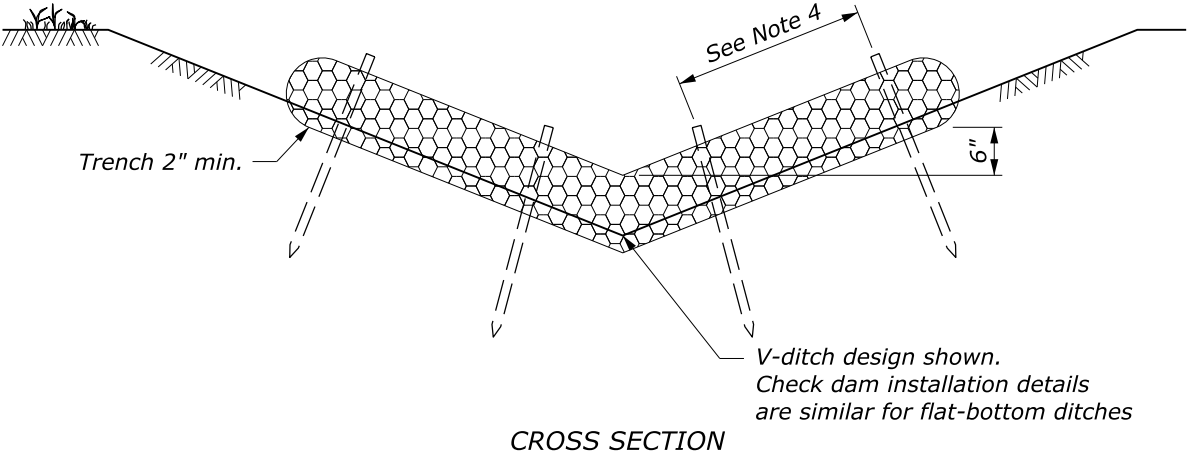


NOTE:

1. Construct check dams from fiber rolls, filter rock, or gravel bags as approved, to meet the functional requirements of the check dam device.
2. Repair all rills or gullies and properly compact prior to installation.
3. Install check dams in ditches perpendicular to the flowline.
4. Stake fiber rolls in place with 1½-inch x 1½-inch wood stakes. Drive stakes at each end of the fiber roll and at 2-foot maximum spacing.
5. Drive stakes into undisturbed soil of trench bottom. Expose stakes 2-inches minimum above top of fiber roll.
6. Provide sufficient length to prevent water from flowing around the ends of the fiber roll.
7. Adjust check dam spacing based on site-specific conditions.



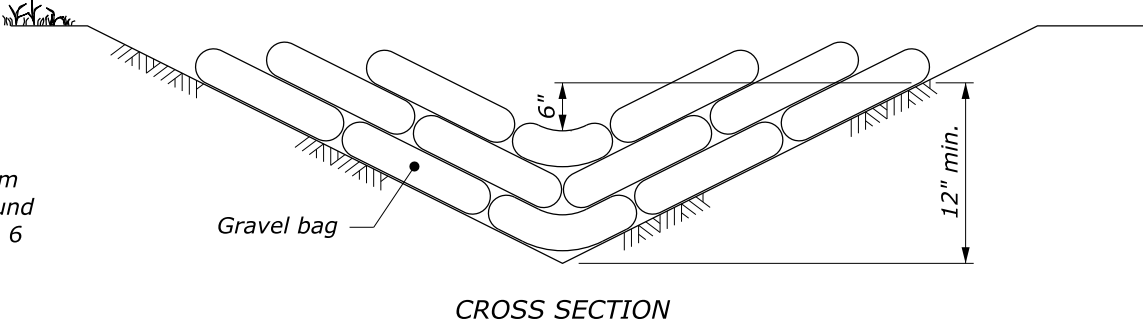
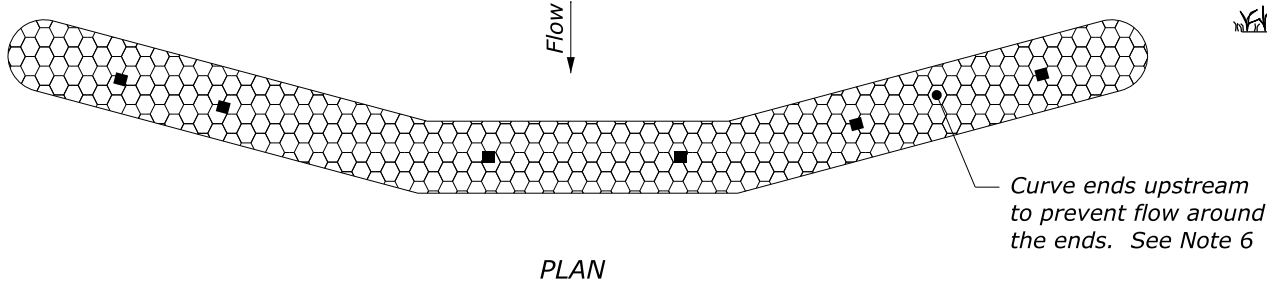
FIBER ROLL CHECK DAM SPACING* (See Note 7)	
DITCH GRADE	CHECK DAM SPACING (max.) (FT)
2%	150
3%	100
4%	80
5%	60

* Spacing calculated based on 9" Ø minimum fiber roll.
Do not use fiber roll check dams on ditch grades steeper than 5%.

FILTER ROCK CHECK DAM SPACING (See Note 7)	
DITCH GRADE	CHECK DAM SPACING (max.) (FT)
2%	150
3%	100
4%	80
5%	60
6%	50

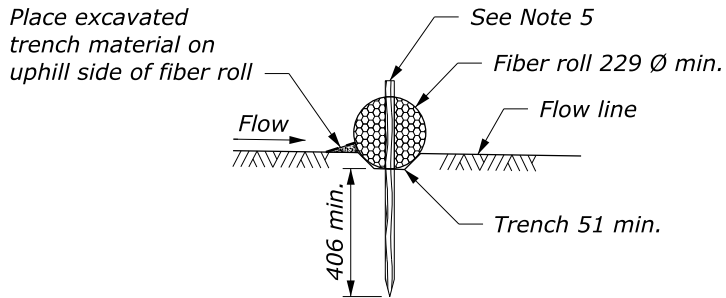
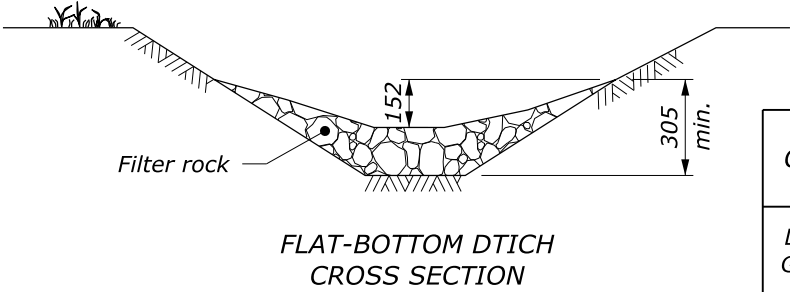
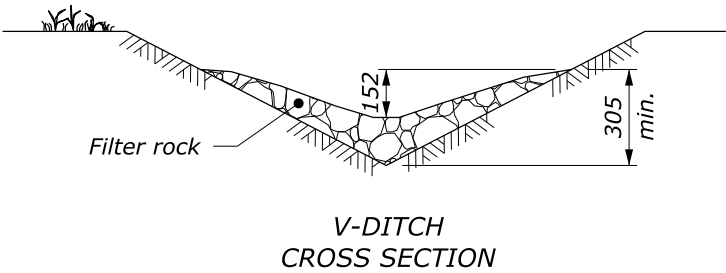
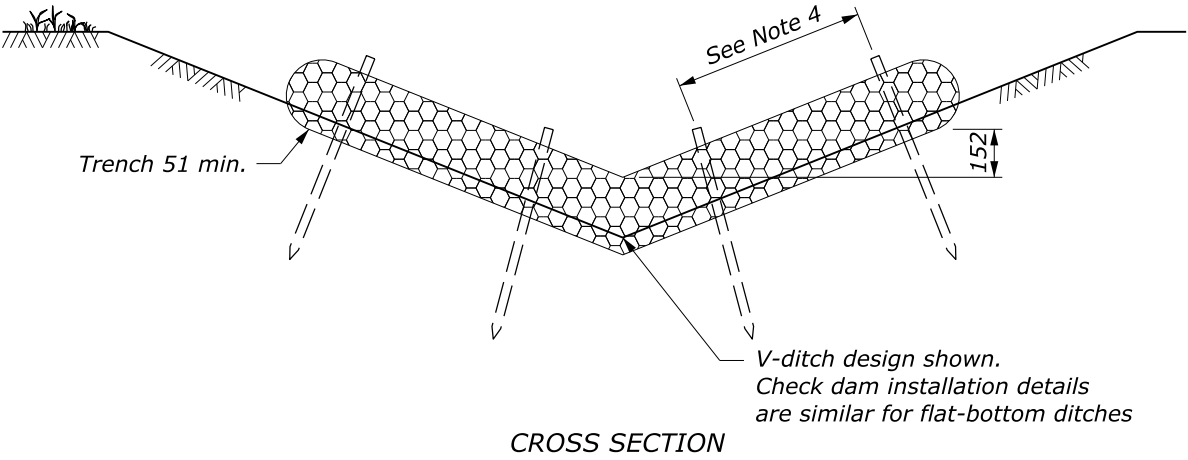
GRAVEL BAG CHECK DAM SPACING** (See Note 7)	
DITCH GRADE	CHECK DAM SPACING (max.) (FT)
2%	150
3%	100
4%	80
5%	60
6%	50

** Do not use gravel bag check dams on ditch grades steeper than 6%.



NOTE:

1. Construct check dams from fiber rolls, filter rock, or gravel bags as approved, to meet the functional requirements of the check dam device.
2. Repair all rills or gullies and properly compact prior to installation.
3. Install check dams in ditches perpendicular to the flowline.
4. Stake fiber rolls in place with 29 mm x 29 mm wood stakes. Drive stakes at each end of the fiber roll and at 610 mm maximum spacing.
5. Drive stakes into undisturbed soil of trench bottom. Expose stakes 51 mm minimum above top of fiber roll.
6. Provide sufficient length to prevent water from flowing around the ends of the fiber roll.
7. Adjust check dam spacing based on site-specific conditions.



FIBER ROLL CHECK DAM SPACING* (See Note 7)	
DITCH GRADE	CHECK DAM SPACING (max.) (m)
2%	46
3%	30
4%	24
5%	18

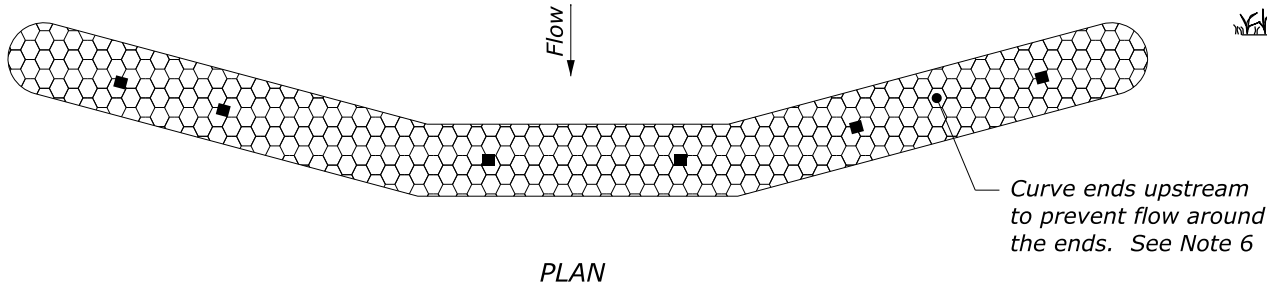
* Spacing calculated based on
229 mm Ø minimum fiber roll.
Do not use fiber roll check dams
on ditch grades steeper than 5%.

FILTER ROCK CHECK DAM SPACING (See Note 7)	
DITCH GRADE	CHECK DAM SPACING (max.) (m)
2%	46
3%	30
4%	24
5%	18
6%	15

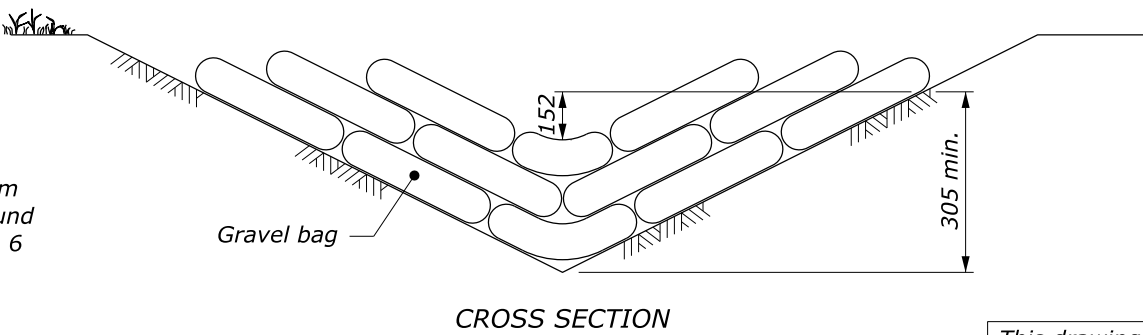
FILTER ROCK CHECK DAM

GRAVEL BAG CHECK DAM SPACING** (See Note 7)	
DITCH GRADE	CHECK DAM SPACING (max.) (m)
2%	46
3%	30
4%	24
5%	18
6%	15

** Do not use gravel bag check
dams on ditch grades steeper
than 6%.



FIBER ROLL CHECK DAM



GRAVEL BAG CHECK DAM

This drawing contains **Metric** units of measure.
Dimensions without units are millimeters.