

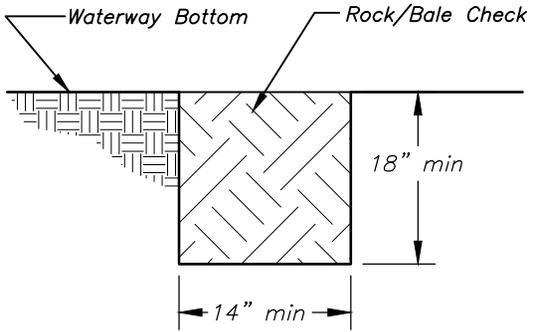
TYPICAL CROSS SECTION OF TRAPEZOIDAL* WATERWAY

Not to Scale
 * Same check depth and lengths for parabolic shape

CONSTRUCTION NOTES

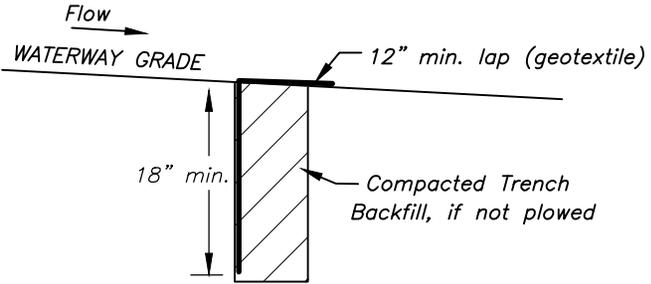
1. Waterway Check spacing and location will be as shown on sheet ___ of ___. The maximum distance between checks is:

Waterway Grade (%)	Max Spacing (ft)
0 to 1.5%	100'
1.5 to 3%	75'
> 3%	50'
2. Check should be installed perpendicular to the waterway and be the same length as the Design Top Width. (see typical cross section drawing)
3. Geotextile shall have a tear strength of at least 50 pounds.
4. Excavate the trench or use geotextile plow for fabric check.
5. Fill the trench with rock/straw bales/geotextile.
6. Compact rock checks by rolling with construction equipment.
7. Rock will be nominal 3" diameter. Maximum size is 6" and fines shall be less than 10% by weight.
8. Straw Bales shall be approximately 18" wide by 14" tall. Bales shall be placed in trench on edge. Remaining trench shall be backfilled and compacted by rolling of construction equipment.
9. The finished rock/straw bale surface will be flush with the planned/constructed ground surface when completed.
10. Geotextile shall be buried 18" deep and lap at least 12" downstream. Trench shall be backfilled and compacted by rolling of construction equipment.



TYPICAL SECTION OF ROCK OR BALE CHECK

Not to Scale



TYPICAL SECTION OF GEOTEXTILE CHECK

Not to scale

DRAFT

NOT FOR CONSTRUCTION

Date _____

Designed _____

Drawn _____

Checked _____

Approved _____

**WATERWAY CHECK DETAILS
 TRAPEZOIDAL OR PARABOLIC**



File Name _____

Drawing Name
 29-L-86

Sheet _____ of _____