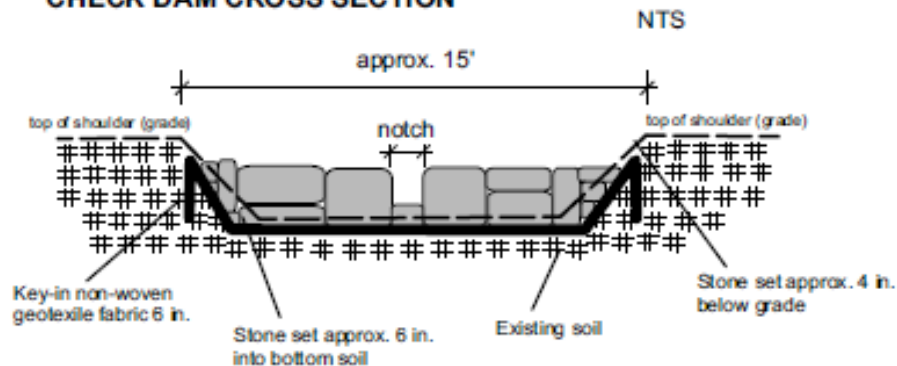


## CHECK DAM CROSS SECTION



### Check Dam Construction Notes:

1. Check dam dimensions: approximately 5 ft. long, 1-2 ft. wide, and 1 ft. deep
2. Construction to be somewhat bowed, pointing downslope as shown on plan.
3. Stone to be fieldstone, with sizing at least 6-12 in. high by 3 ft. long.
4. Stone to be placed to allow notch in center, approx. 6-12 in. wide.
5. Key in non-woven geotextile fabric beneath stone checkdams and downslope cobble pads to 6 in.
6. Slopes to be 2:1.




### NOTES FOR STONE MATERIALS:

1. All cobble and boulders to be placed at the direction of the Landscape Designer.
2. Cobble to be clean, washed 3-5" riverjack, such as Delaware.
3. Cobble pad to be placed behind each check dam at a depth of 12 in. and covering an area approx. 12' long by 5' wide.
4. All stone check dams and cobble pads to be underlined with non-woven geotextile fabric keyed 6" into existing soil. Install according to manufacturer's recommendations.
5. Two large boulders suitable for sitting on to be placed on south side, one in section 2, between check dams 2 and 3 and the other in section 3, just below check dam 3, as shown on plan. These must be securely set into the ground.
6. Several additional sitting boulders to be grouped and securely placed in area above pipe outlet, as on plan.
7. Two to three additional, smaller boulders to be placed randomly along each planting section, as on plan.
8. Three to four large Pennsylvania steppers to be set into ground as a pathway leading to sitting boulders above outfall pipe.







## PLANT LEGEND

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### SHRUBS

-  43 *Ceanothus americanus*
-  14 *Photinia melanocarpa*
-  37 *Rhus aromatica* 'Gro Low'





### GRAMINOIDS

-  107 *Andropogon virginicus*
-  125 *Carex appalachica*
-  278 *Carex vulpinoidea*
-  33 *Ergrostis spectabilis*
-  12 *Schizachyrium scoparium*
-  211 *Sporobolus heterolepis*

### PERENNIALS

-  21 *Amsonia tabernaemontana* 'Blue Ice'
-  63 *Asclepias tuberosa*
-  6 *Eryngium yuccifolium*
-  51 *Iris versicolor*
-  69 *Liatris spicata*
-  122 *Monarda punctata*
-  15 *Oenothera fruticosa*
-  13 *Packera aurea*
-  132 *Pycnanthemum tenuifolium*
-  218 *Rudbeckia fulgida*
-  12 *Solidago rugosa* 'Fireworks'
-  16 *Zizia aurea*

### GROUNDCOVERS

-  250 *Danthonia spicata*
-  250 *Fragaria virginiana*
-  600 *Juncus tenuis*
-  250 *Salvia lyrata*