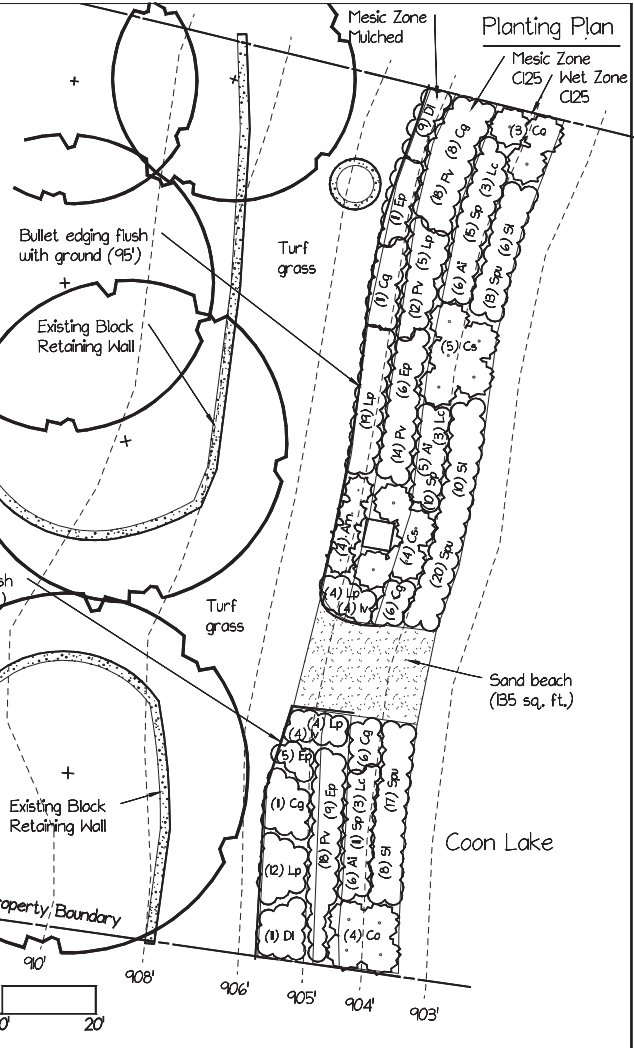


- Materials:**
- C125 erosion fabric - 220 square feet (15x85x2 layers)
  - Double shredded hardwood mulch - 22 cubic yards
  - Bare root shrubs - 20
  - Potted shrubs - 20
  - Plugs - 10 wildflowers, 148 grasses
  - 4" pots - 74
  - Bullet edging - 147'

| Key                 | Qty | Common Name              |
|---------------------|-----|--------------------------|
| <b>Shrubs</b>       |     |                          |
| Am                  | 4   | Chokeberry               |
| Co                  | 7   | Buttonbush               |
| Cs                  | 9   | Red-Osier Dogwood        |
| DI                  | 20  | Dwarf Bush Honeysuckle   |
| <b>Other Plants</b> |     |                          |
| Ai                  | 17  | Swamp Milkweed           |
| Cg                  | 42  | Turtlehead               |
| Ep                  | 31  | Purple Joe-Pye Weed      |
| Iv                  | 8   | Northern Blue Flag Iris  |
| Lc                  | 9   | Cardinal Flower          |
| Lp                  | 44  | Thick Spike Blazing Star |
| Pv                  | 62  | Switch Grass             |
| Sl                  | 24  | Arrowhead                |
| Sp                  | 36  | Prairie Cordgrass        |
| Spu                 | 50  | Three Square Bulrush     |



- Installation Instructions:**
- Verify property boundaries and project extent with landowner
  - Install project during low water to minimize work within standing water
  - Treat turf in mulched buffer area with aquatic safe glyphosate herbicide two weeks prior to installation
  - Hand level soil and place existing rock to recreate 2014 slope profile
  - Install two rows of C125 erosion fabric over soil and rip rap to top of slope (6" overlap for total width of 12')
  - C125 should be in a double layer secured with biodegradable stakes and buried along perimeter
  - Install bullet edging along perimeter of buffer planting area flush with ground level
  - Spread double shredded hardwood mulch 2" thick over treated turf

**Fortified Shoreline Buffer**

Leon Mager  
1951 East Tri Oak Circle NE East Bethel, MN

Installation Funded By: Leon and Joan Mager  
Designed By: Chris Lord, District Manager  
Anoka Conservation District (ACD)

Reviewed By: \_\_\_\_\_  
Review Date: \_\_\_\_\_

PAGE 1 of 1  
DATE June-2015  
SCALE Varies  
ORIGINAL 1" x 17"

- Planting Instructions:**
- Evenly distribute plants within planting zone
  - Modify plant quantities to take advantage of volume discounts
  - Grasses and forbs planted at 18" average spacing
  - Shrubs planted at 36" average spacing
  - Gently break rootballs (DO NOT PLANT BOUND ROOTBALL)
  - Ensure plants get 1" of water per week for first growing season
  - Weed and replace plants as needed
  - Install wildlife and goose deterrent throughout planting area until established (plastic snow fence)
  - Install wave break (plastic construction fence)
  - Call ACD with any questions 763-434-2030