1. This is not an official survey.
2. Utilities are not shown - CALL GOPHER-ONE BEFORE DIGGING.
3. Approval from the City of Circle Pines will be necessary before any work within the easement is undertaken.
4. Approval from the City of Circle Pines will be necessary before any alteration to the existing curbline is undertaken.
5. Existing soils on-site were found to be Hydrologic Class A soils, uncompacted, with expected infiltration rates to exceed 4 inches/hour, saturated conditions.
6. Either a drain tile system, a dry creek, bed, a vegetated swale or re-graded turf swale can be installed to convey water from downspouts to the raingarden from the house.
7. A 15-ft "filter strip" of sod should be maintained between the curb-cut and the raingarden to pre-treat (filter) street runoff of a portion of sediments before it reaches the raingarden.
8. Formal edging should be used along the perimeter of the raingarden that is not framed in with the boulder wall.
9. A "step-down" level spreader should be installed in order to dissipate energy evenly into the basin and to protect the inlet from scouring.
10. A combination of native, dry prairie woodland edge or savanna species will be used with possible cultivated species substitutions comprising no more than 1/2 the total species.
11. Final plant list will be formed after consideration of exposure duration, and period, inundation/saturation period, preference to deep-dense rooted species and homeowners preferences.
12. A trench grate that captures the remaining water from the front of the house is recommended.

Grading Plan
Sheet 1 of 2

ANOKA COUNTY
Raingarden

Anoka Conservation District & Rice Creek Watershed District
in association with
Association of Metropolitan Soil and Water Conservation Districts
ANOKA - CARVER - HENNEPIN - RAMSEY - SCOTT - WASHINGTON
USDA - Natural Resource Conservation Service
Plant List

- Black Chokeberry
- Snowberry
- Rudbeckia 'Goldstrom'
- Coreopsis 'Moonbeam'
- Purple-domed Aster
- Hoary Vervain
- Plantain Pussy Toes
- Prairie Smoke
- Alumroot
- Pasque Flower
- Showy Goldenrod
- Dotted Blazingstar
- Smooth Penstemon
- Black-eyed Susan
- Prairie Dropseed
- Little Bluestem
- Calamagrostis 'Karl Forester'
- Fox Sedge

Fox Sedge planted randomly through dry creek bed (n = 18)

ANOKA COUNTY
Raingarden

prepared by
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and the
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