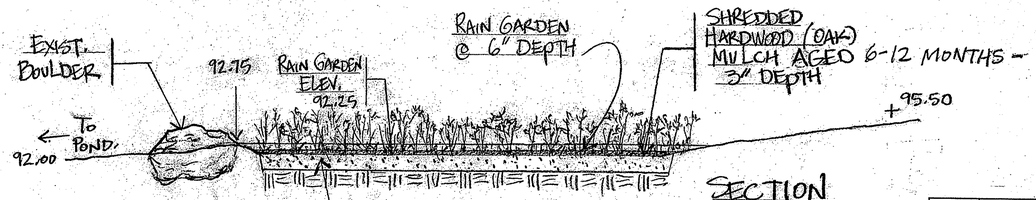


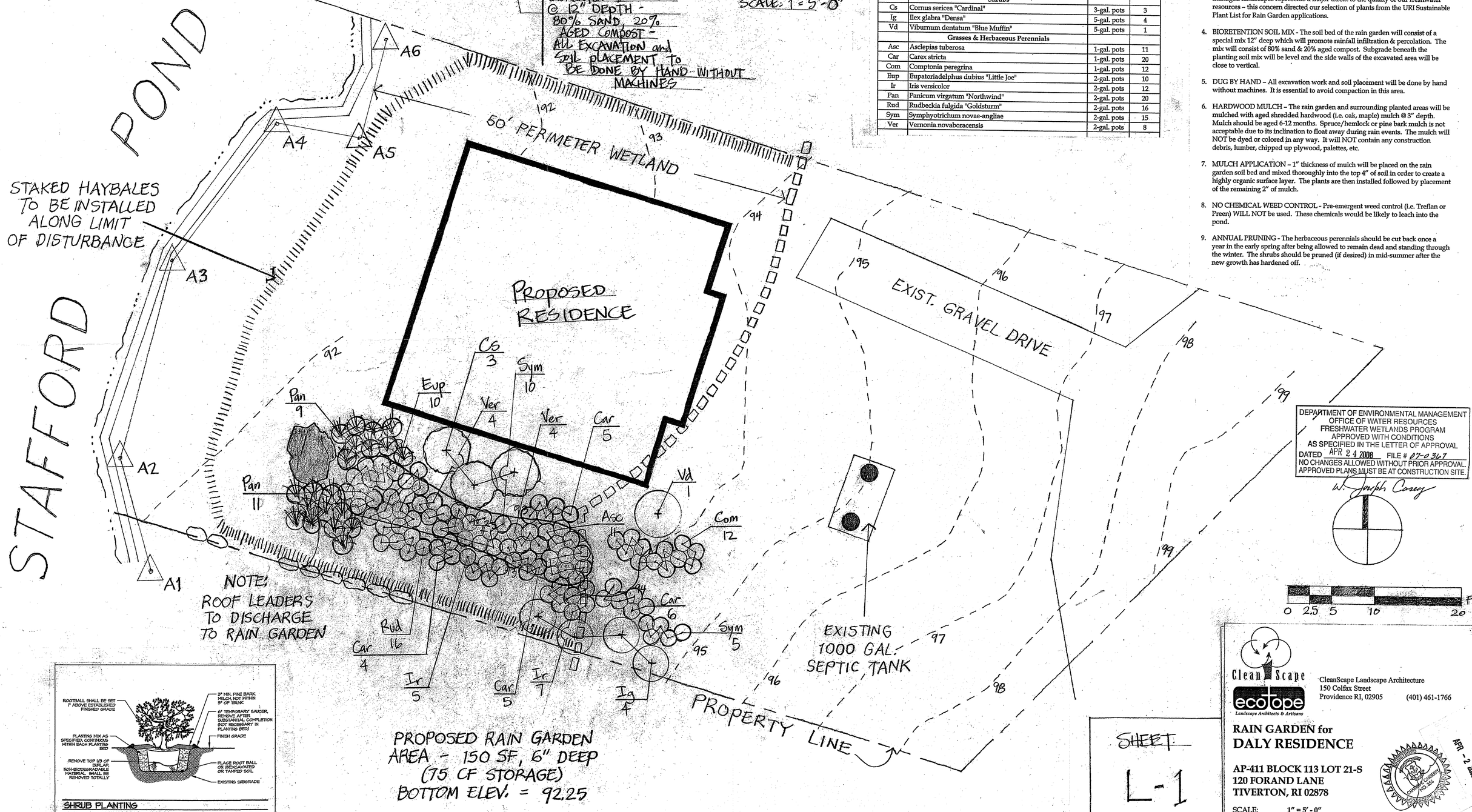
SECTION

SCALE: 1"=5'-0"

Sym		Size	Qty
	Shrubs		
Cs	Cornus sericea "Cardinal"	3-gal. pots	3
Ig	Ilex glabra "Densa"	5-gal. pots	4
Vd	Viburnum dentatum "Blue Muffin"	5-gal. pots	1
	Grasses & Herbaceous Perennials		
Asc	Asclepias tuberosa	1-gal. pots	11
Car	Carex stricta	1-gal. pots	20
Com	Comptonia peregrina	1-gal. pots	12
Eup	Eupatoriadelphus dubius "Little Joe"	2-gal. pots	10
Ir	Iris versicolor	2-gal. pots	12
Pan	Panicum virgatum "Northwind"	2-gal. pots	20
Rud	Rudbeckia fulgida "Goldsturm"	2-gal. pots	16
Sym	Symphyotrichum novae-angliae	2-gal. pots	15
Ver	Vernonia novaboracensis	2-gal. pots	8

SITE WORK & LANDSCAPE MAINTENANCE NOTES

1. NO FERTILIZER - These native plantings require little maintenance and are intended to approximate a wild seasonally wet meadow environment. The herbaceous perennial flowering plants chosen are well adapted to this environment and climate - they do not require irrigation or fertilization and should not receive any.
2. NO LAWN AREA - The rain garden contains no turfgrass or formally arranged plantings that require intensive cultivation or management practices.
3. SUSTAINABLE NATIVE PLANTS - Migration of nutrients from fertilized & managed landscapes represents a major threat to the quality of our freshwater resources – this concern directed our selection of plants from the URI Sustainable Plant List for Rain Garden applications.
4. BIORETENTION SOIL MIX - The soil bed of the rain garden will consist of a special mix 12" deep which will promote rainfall infiltration & percolation. The mix will consist of 80% sand & 20% aged compost. Subgrade beneath the planting soil mix will be level and the side walls of the excavated area will be close to vertical.
5. DUG BY HAND – All excavation work and soil placement will be done by hand without machines. It is essential to avoid compaction in this area.
6. HARDWOOD MULCH – The rain garden and surrounding planted areas will be mulched with aged shredded hardwood (i.e. oak, maple) mulch @ 3" depth. Mulch should be aged 6-12 months. Spruce/hemlock or pine bark mulch is not acceptable due to its inclination to float away during rain events. The mulch will NOT be dyed or colored in any way. It will NOT contain any construction debris, lumber, chipped up plywood, palettes, etc.
7. MULCH APPLICATION – 1" thickness of mulch will be placed on the rain garden soil bed and mixed thoroughly into the top 4" of soil in order to create a highly organic surface layer. The plants are then installed followed by placement of the remaining 2" of mulch.
8. NO CHEMICAL WEED CONTROL - Pre-emergent weed control (i.e. Treflan or Preen) WILL NOT be used. These chemicals would be likely to leach into the pond.
9. ANNUAL PRUNING - The herbaceous perennials should be cut back once a year in the early spring after being allowed to remain dead and standing through the winter. The shrubs should be pruned (if desired) in mid-summer after the new growth has hardened off.



PROPOSED RAIN GARDEN AREA - 150 SF, 6" DEEP (75 CF STORAGE) BOTTOM ELEV. = 92.25

SHRUB PLANTING

N.T.S.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED APR 2 4 2008 FILE # 07-0347
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

W. Joseph Casey

SHEET L-1

CleanScape Landscape Architecture
150 Colfax Street
Providence RI, 02905 (401) 461-1766

RAIN GARDEN for
DALY RESIDENCE

AP-411 BLOCK 113 LOT 21-S
120 FORAND LANE
TIVERTON, RI 02878

SCALE:	1" = 5' - 0"
DRAWN BY:	PMB
DATE:	3/24/08
SHEET:	1 OF 1

APR - 2 2008