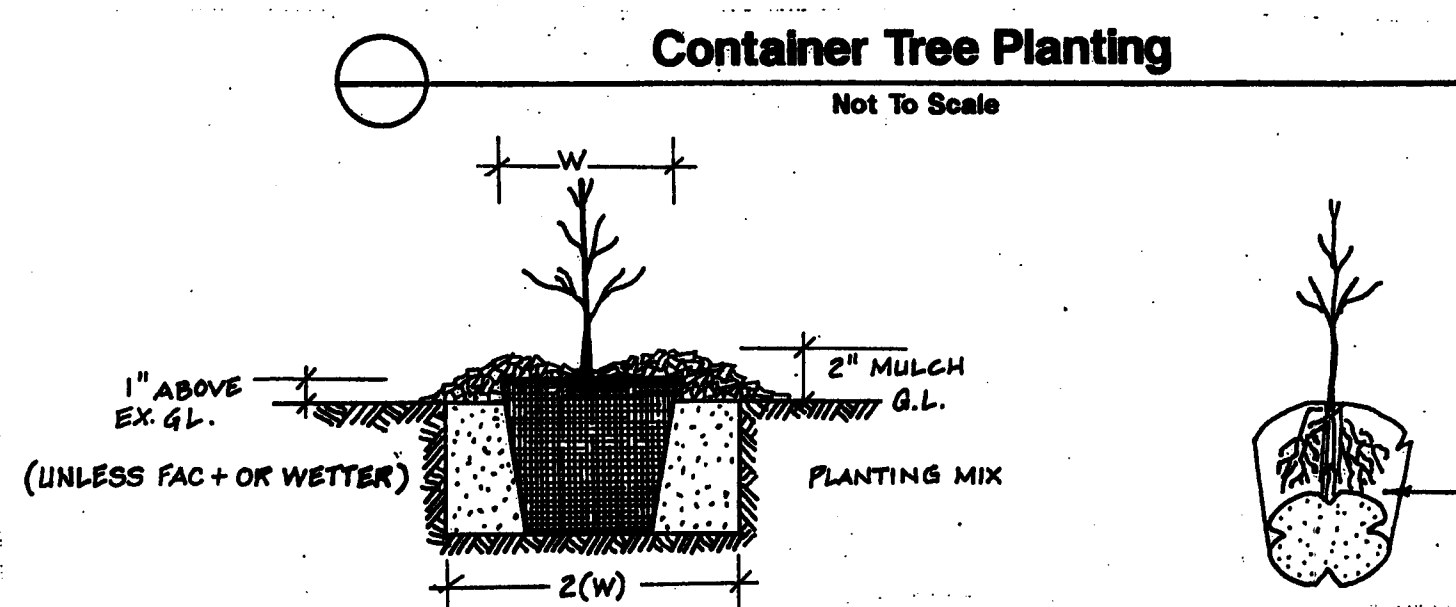
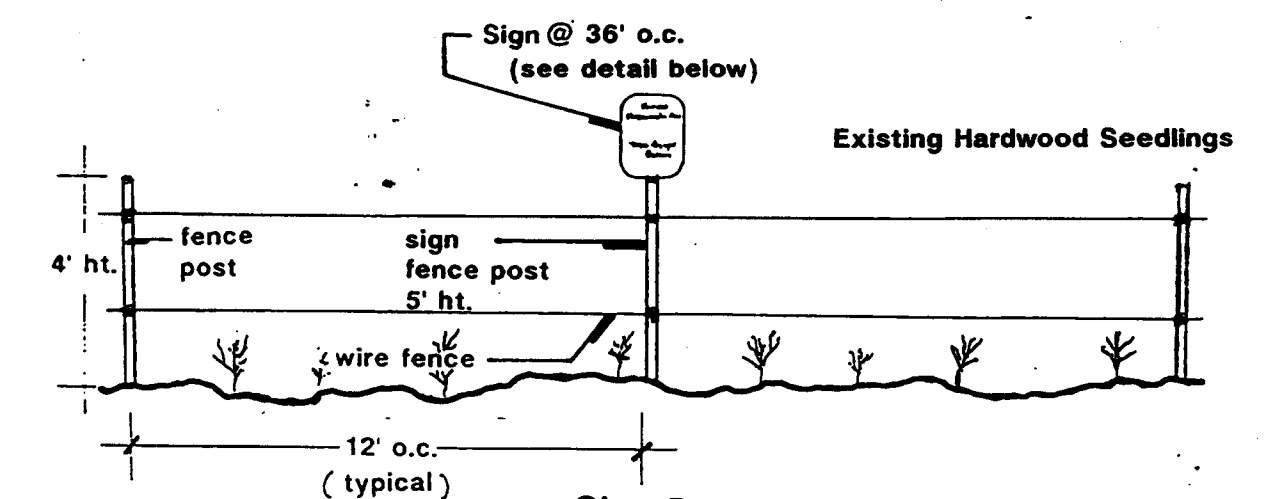
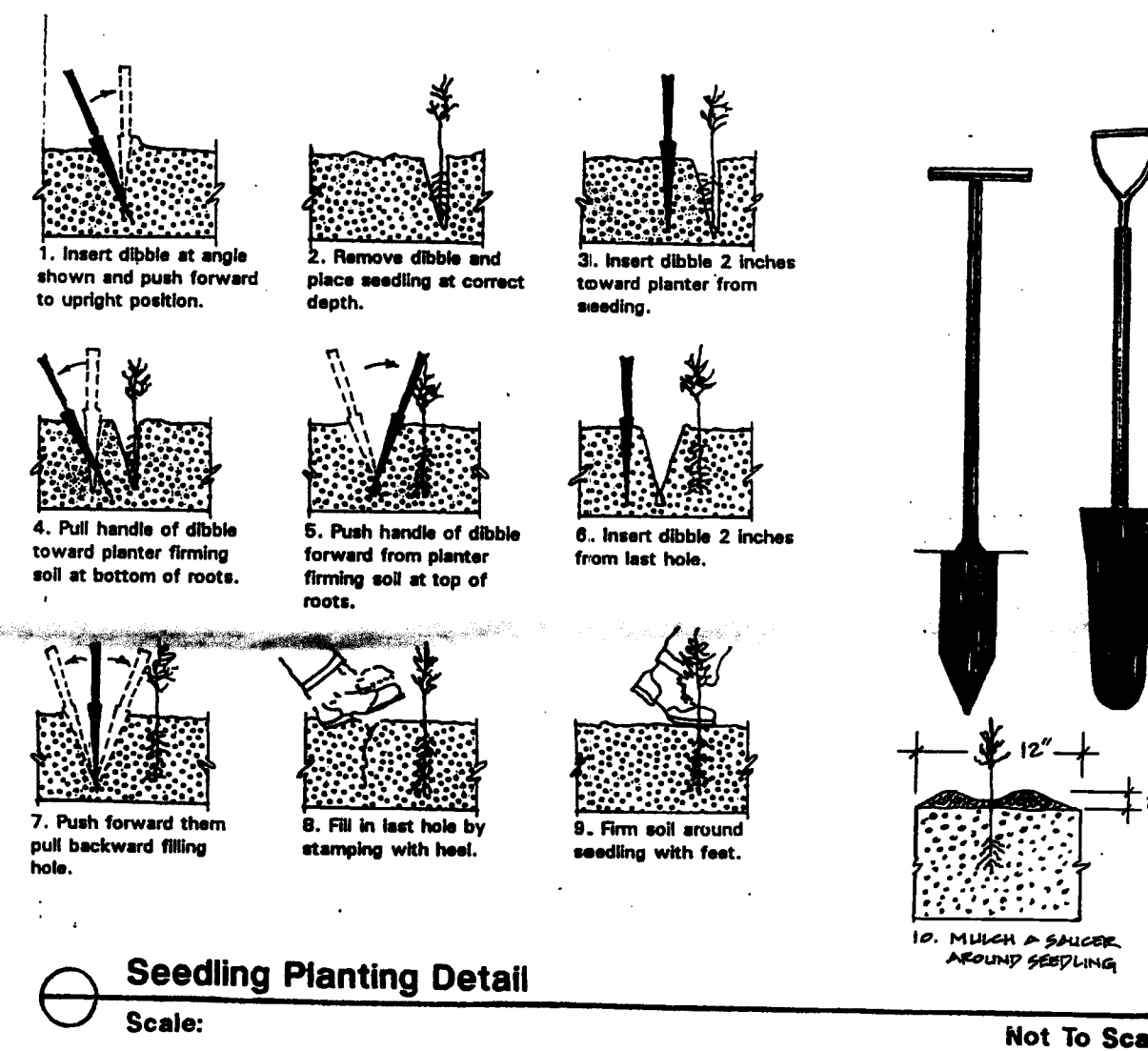


PLANT SCHEDULE FOR RE/AFFORESTATION

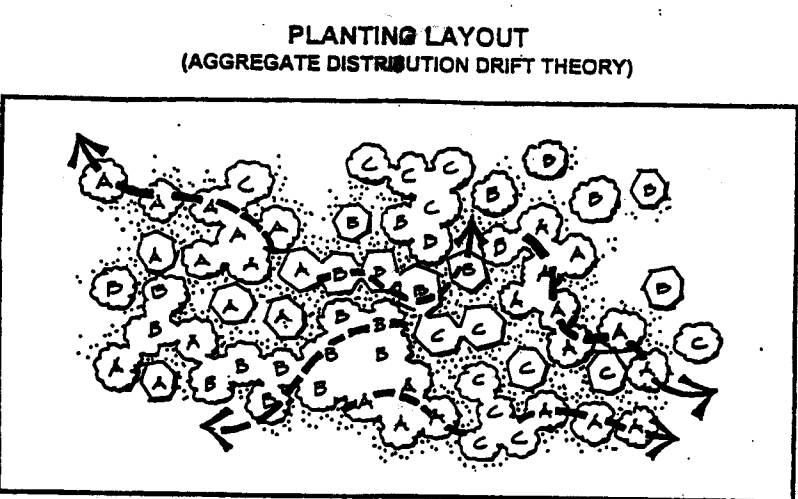
1. Prior to any disturbance of the site, the tree save lines shall be field located by surveying techniques and the appropriate tree protective devices (see detail) shall be erected along these designated lines. Only after the tree protective devices have been installed shall any tree cutting or other clearing, grubbing or grading operations begin. All protection devices shall remain in place until all construction has ceased in the immediate vicinity. Devices shall be maintained throughout construction. Attachment of signs, or any other objects, to trees is prohibited. No equipment, machinery, vehicles, materials or excessive pedestrian traffic shall be allowed within protected areas.
2. After the boundaries of the retention area have been staked and flagged and before any disturbance has taken place on site, a pre-construction meeting at the construction site shall take place. The developer, contractor or project manager, and appropriate local inspectors shall attend.
3. Only after final grading, stabilization, and removal of controls has been accomplished may reforestation begin. Reforestation techniques and methods must comply with the details and specifications provided hereon.

SHEET INDEX		
Sheet No.	Plan Preparer	Revision Information
1	CPJ	Trail location only (-08 revision)
2	BDAI	Proposed Building Additions (-09 revision)
3	BDAI	Detail Sheet



These field tests will be processed for \$5 each, which includes the soil laboratory sending the test results to the Cooperative Extension Service of Prince George's County at the University of Maryland, who will then make recommendations for improving the existing soil. The soil will be tested and recommended for corrections of soil texture, pH, magnesium, phosphorous, potassium, calcium and organic matter.

9. Soil Improvement Measures: The soil shall then be improved according to the recommendations made by the Cooperative Extension Service.
10. Fencing: (see Reforestation Area Fence Detail)
11. Planting Method: consult the Seeding Planting Detail shown on this plan.
12. Mulching: apply 2" thick layer of woodchip mulch to each planting site (see detail shown on this plan).
13. Time of Planting: The seedlings must be planted in March or April ~~or October-November~~.
14. Groundcover establishment: The remaining disturbed area between seeding planting sites shall be seeded with White Clover at the rate of 5 lbs pe acre.
15. Mowing: The clover field area within the seeding planting area is to be mowed once a month during the growing season until the seedlings attain a height of 4' or more.
16. Survival Check: The seedling planting is to be checked at the end of each year for two years to assure that no less than 75% of the original planted quantity survives. ~~for 2 years~~
17. Source of Seedlings: Md. Forest, Park and Wildlife Service in Bowie, Md.; Phone 464-3065.



Concept: Aggregate drift or sweep. A cluster type grouping which tapers or feathers out along the edges.

Example: Aggregate thicketing or drifts are one of the most common vegetation distribution patterns occurring in nature. The principle seed bearers are at the center core of the drift with seed dispersal outward, often windblown, with densities thinning out towards the edges. This produces a tapered or feathered edge effect as you approach it. Imagine the landscape of wildflower meadow seeds. They often appear as aggregated clumps, elongated and trend or drop a step, like dunes.

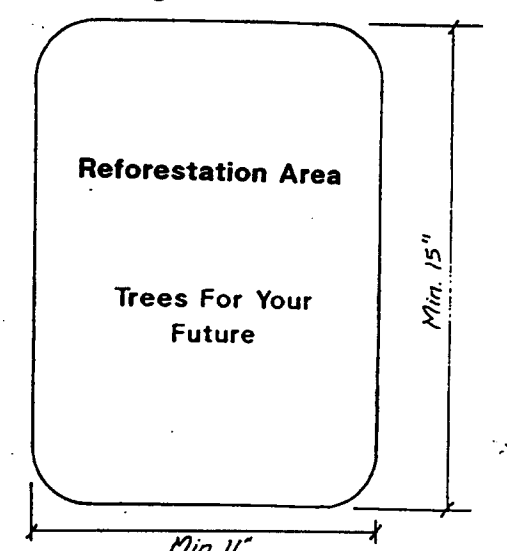
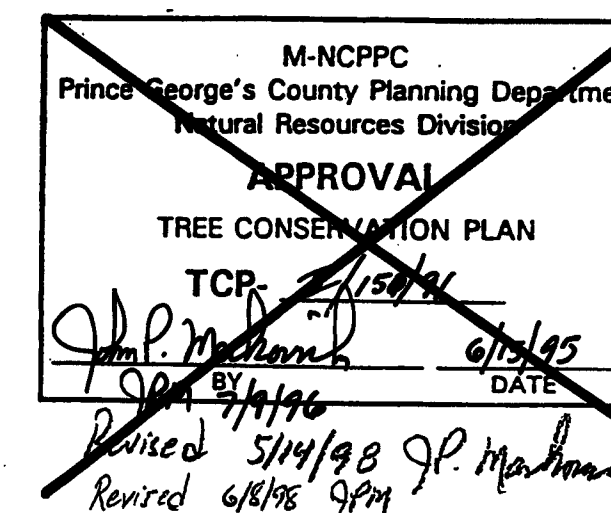
Application:

When developing a planting plan the Maryland Forest Conservation Manual (pages 68-101) offers numerous recommendations on reforestation methods, species selection, tree size, materials and site studies. It also provides information on the specific requirements for various stocking options. This is meant for determining the appropriate number of plants required; i.e. necessarily a "feet-to-acre" ratio plan." Many of the State's regulatory restoration sites installed since the inception of the Act appear as orchards. The unusual grid pattern can be corrected thru the application of aggregate distribution. This does not mean that all plantings must be grid patterns, that grids of shrubs cannot blend in groups of trees nor that the groupings of some species cannot occur together. It simply means that the installation should meet the stormwater management goals and criteria at the same time replicating native aggregate out patterns (see oast).

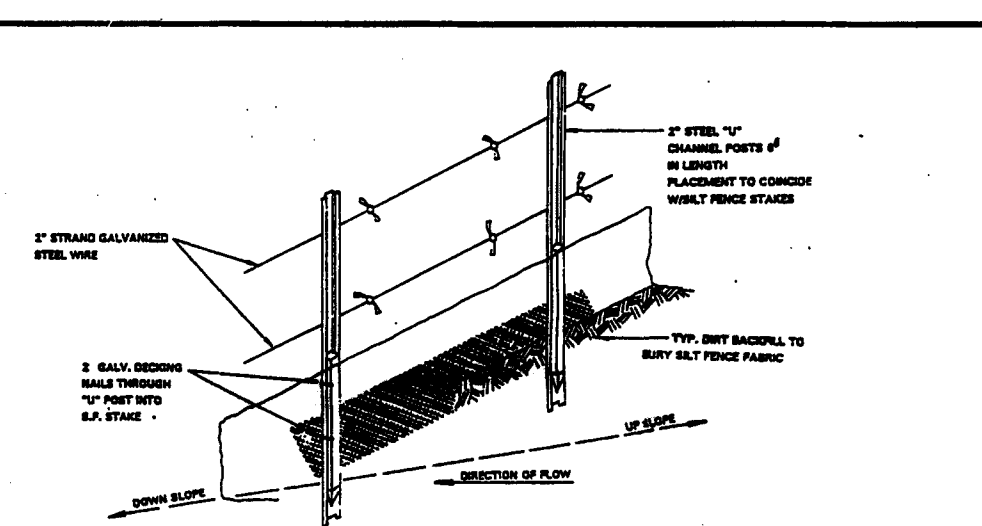
When using this theory to lay out a planting the size of the shrubs should depend on the quantity of plants allocated, the scale of the site, and the careful consideration of the installer.

Field check the re-afforestation area according to the following schedule

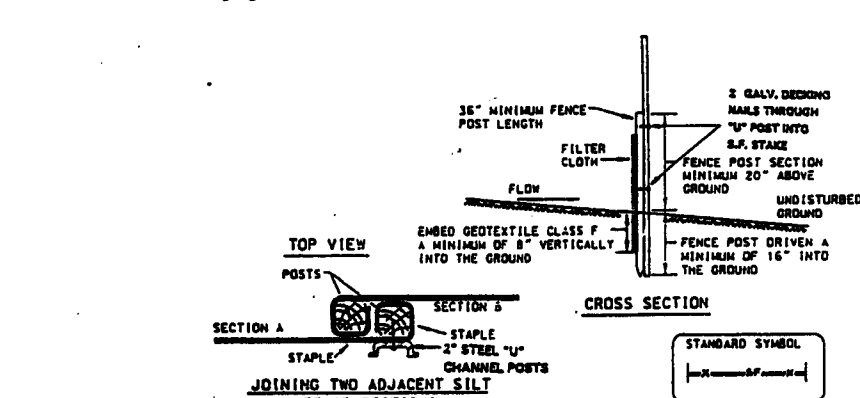
- Year 1:** Site Preparation and Tree Planting
Survival Check 3 times (March-April, July-August, October-November, see Note 1)
Warning: If needed (2 to 3 months)
Control of undesirable vegetation as needed (1 x in June & 1 x in September, minor)
- Years 2-3:** Reinforcement planting if needed (see Note 2)
Survival check twice annually (April-May, September-October)
Control of undesirable vegetation if needed (1 x in May & 1 x in August, minor)
- Years 4-5:** Reinforcement planting if needed (See Note 2)
Survival check once annually (May-September)
- Notes:** 1) Survival Check: Check plants stock against plant list (or as noted) by walking the site and taking inventory. Plants must show vitality. Submit field data forms (Condition Check Sheets) to owner after each inspection. Remove all dead plants.
- 2) Reinforcement Planting: Replace dead or missing plants in sufficient quantity to bring total plant number of plants to at least 75% of the number originally planted. If a particular species suffers unusually high mortality, replace with an alternate plant type.
- 3) Miscellaneous: Fertilization or watering during years through 3 will be done on as an needed basis. Special tree operations or recommendations will be conducted on as needed basis. Remove any dead fencing and signage after year 5 based on the data plotted.



Reforestation Area Fence Detail



- NOTES:
1. Retention Area will be set as part of the review process.
 2. Boundaries of Retention Area should be staked and flagged prior to installing device.
 3. Avoid root damage when placing anchor posts.
 4. Wire should be securely attached to posts.
 5. Device should be properly maintained during construction.
 6. Use brightly colored surveyor's flagging every 4 feet.
 7. Protective signage is also recommended.

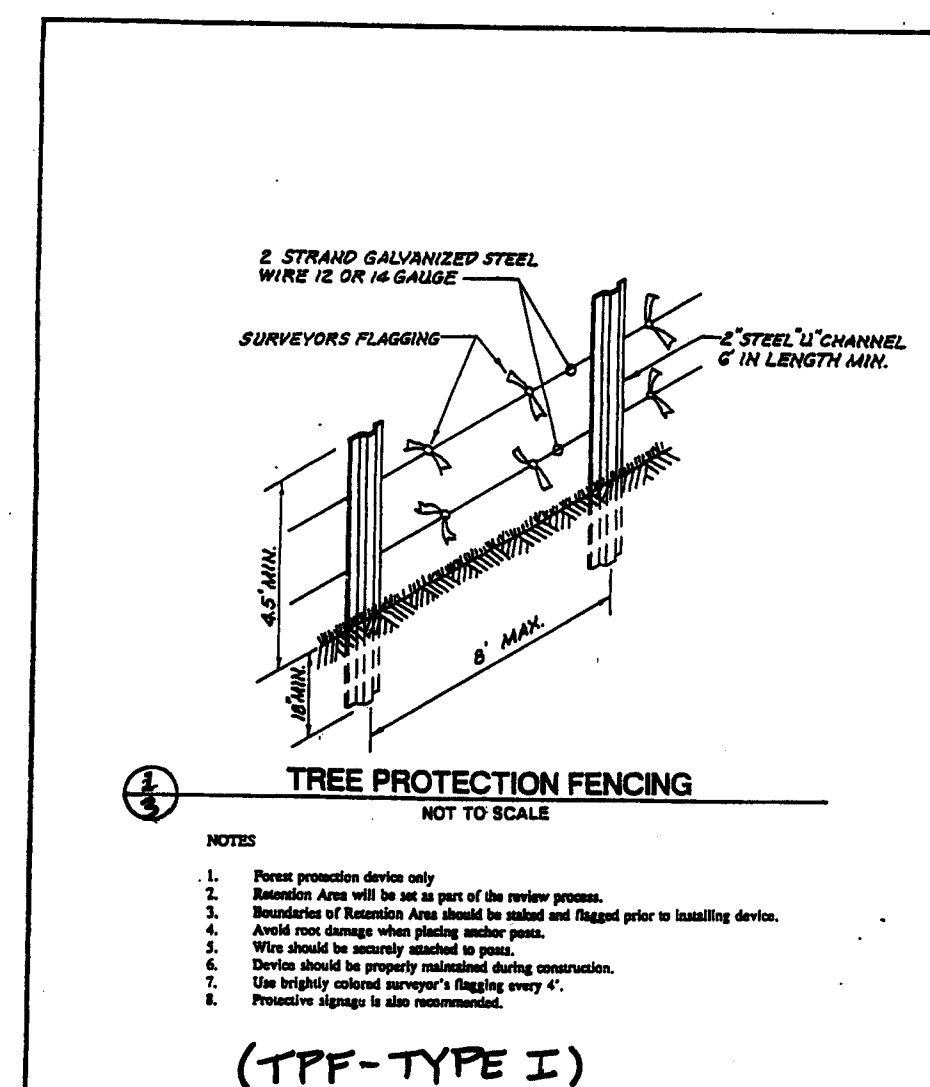


Construction Specifications

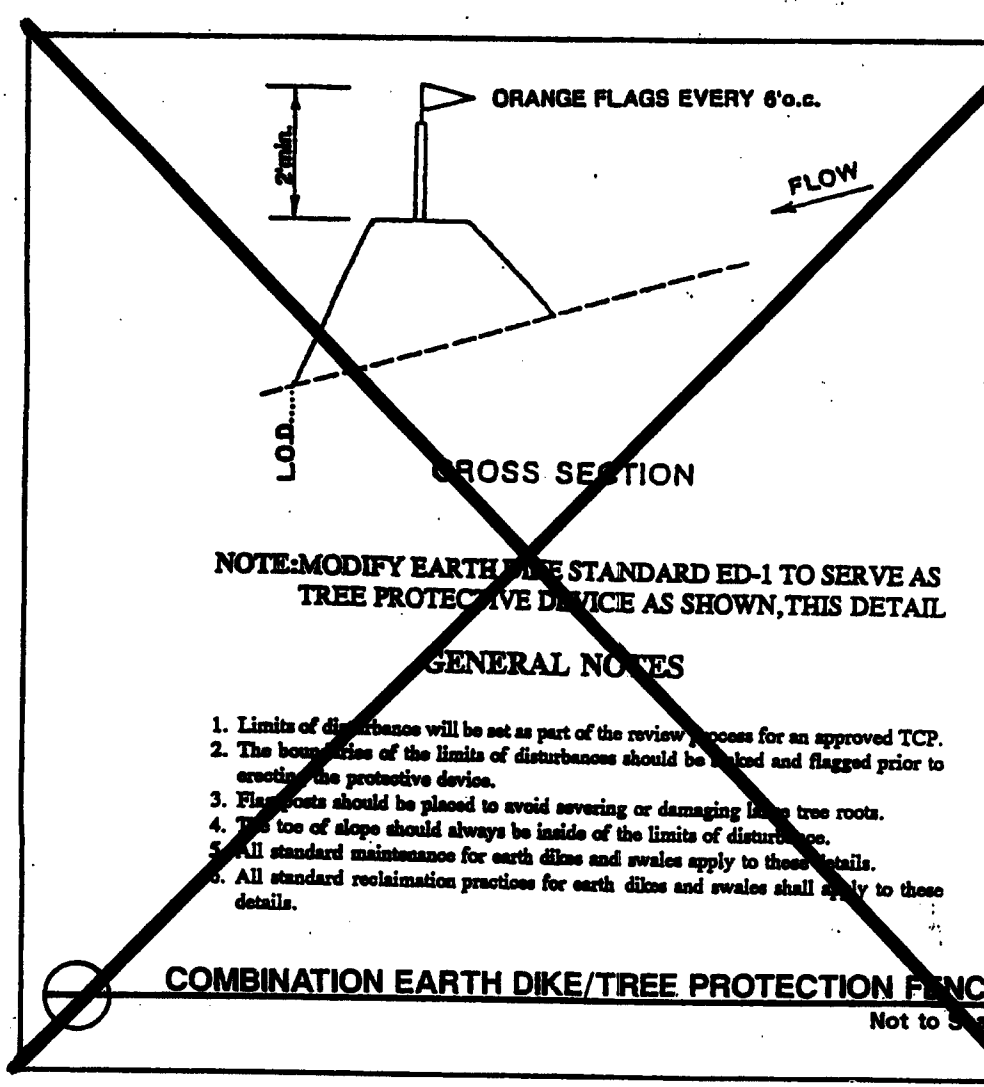
1. Fence posts shall be a minimum of 3" long driven 15" minimum into the ground. Posts shall be spaced at a maximum of 12' on center. If aluminum (definition: nuns shall be of durable material however, steel posts will be preferred) 1" or 1 1/2" shall be used. Posts shall be galvanized.
2. Subsequent rail will be fashioned similar to main fence with wire ties or staples at top and mid-section and rail shall meet the following:

Post Diameter	3/4" (min.)	3/4" (min.)	Test: NMT 500
Post Material	3/4" (min.)	3/4" (min.)	Test: NMT 500
Post Size	3/4" (min.)	3/4" (min.)	Test: NMT 500
Fencing Efficiency	75% (min.)	75% (min.)	Test: NMT 300
3. Where uses of Subsequent Fence is required, they shall be constructed and installed to present consistent appearance.
4. If/When fence will be inspected after work released, owner and maintenance will be sure fence or work is inspected and approved.

COMBINATION TREE PROTECTION FENCING & SILT FENCE
NOT TO SCALE



(TPF-TYPE I)



COMBINATION EARTH DIKE/TREE PROTECTION FENCE

4-30-13 Added outdoor ice rink

DETAILS and SPECIFICATIONS
for
TREE CONSERVATION PLAN - TYPE II

PARCELS 4, 9, 10, 84, 86
LOTS 1,2,3,4 & 7 BABEST, PARCEL "A" FAIRLAND REGIONAL PARK
THE GARDENS ICE HOUSE
AT

FAIRLAND REGIONAL PARK

**LAUREL ELECTION DISTRICT NO. 10
PRINCE GEORGE'S COUNTY, MARYLAND**

Prince George's County Street-Map No. 3 Grids: F-6, F-7, F-8, G-6, G-7 & G-8
Tax Map No. 8 Grids: E-1, E-2, F-1 & F-2
W.S.C. Grids: 217NE4, 217NE5, 218NE4 & 218NE5

ed per M-NCPPC comments.	PCN	Sheet
ised Plant List	BHK	ONE METRO PLAZA

8

RA
DONAL PLACE, LANDOVER, MARYLAND 20785

BEN DYER ASSOCIATES, INC.
Engineers / Surveyors / Planners
TELEPHONE (301) 459-9200

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1995	DRWG. NO. 54003-Y
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