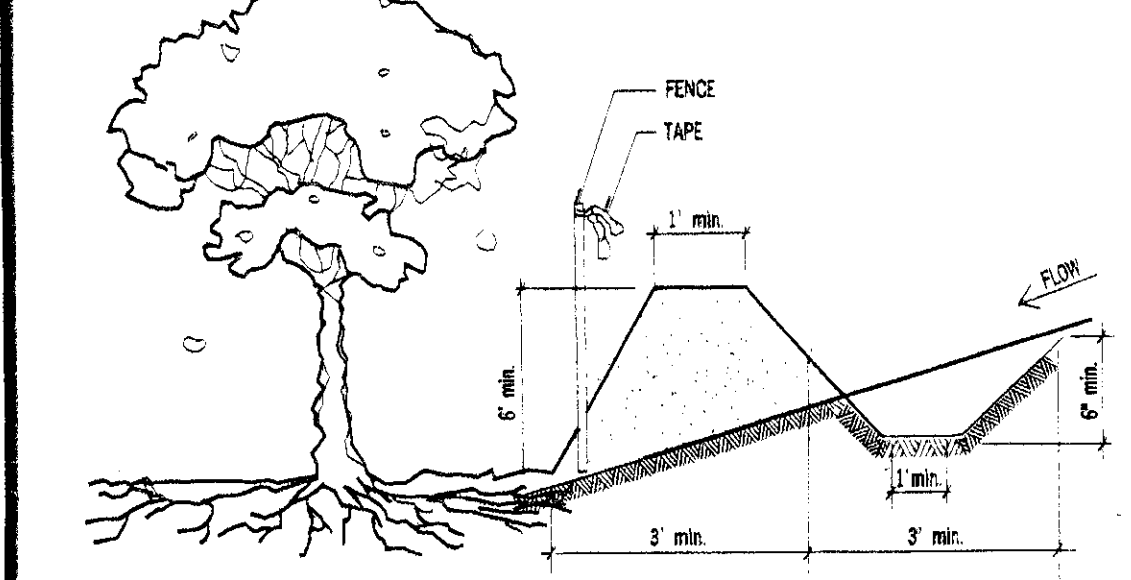


Tree Protection and Sediment Control (2)

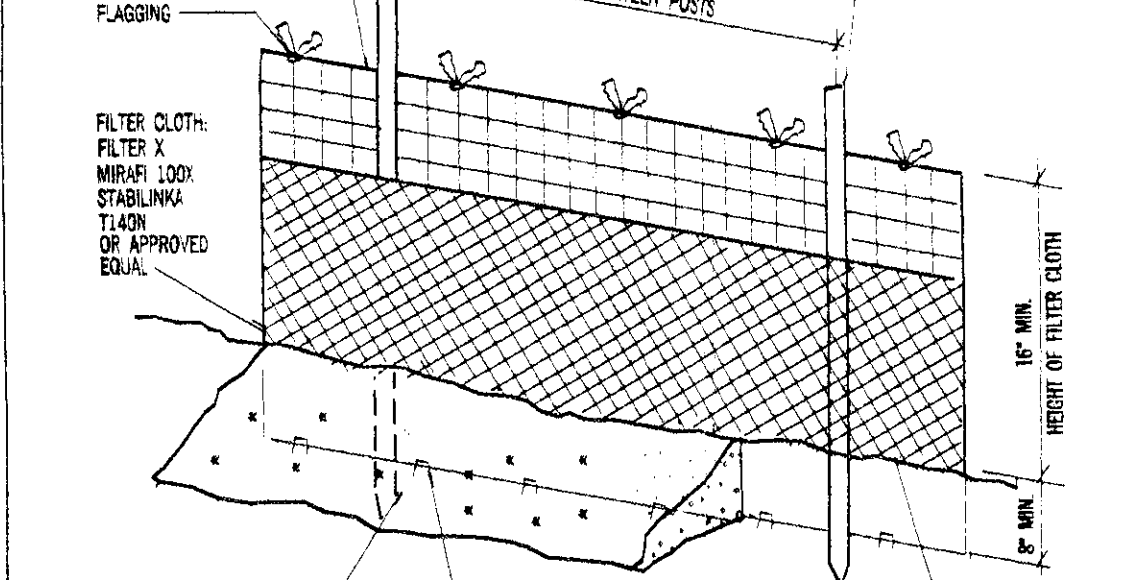
Earthfill Dike and Swale



Notes:
1. Combine sediment control and protective device.
2. Retention area will be set as part of the review process.
3. Boundaries of Retention Area should be staked prior to installing protective device.
4. Root damage should be avoided.
5. The top or toe of slope should be within the limits of disturbance.
6. Equipment is prohibited within critical root zone of retention area; place dike accordingly.
7. All standard maintenance for earth dikes and swales apply to these details.
8. All standard reclamation practices for earth dikes and swales shall apply to these details.

Tree Protection and Sediment Control (3)

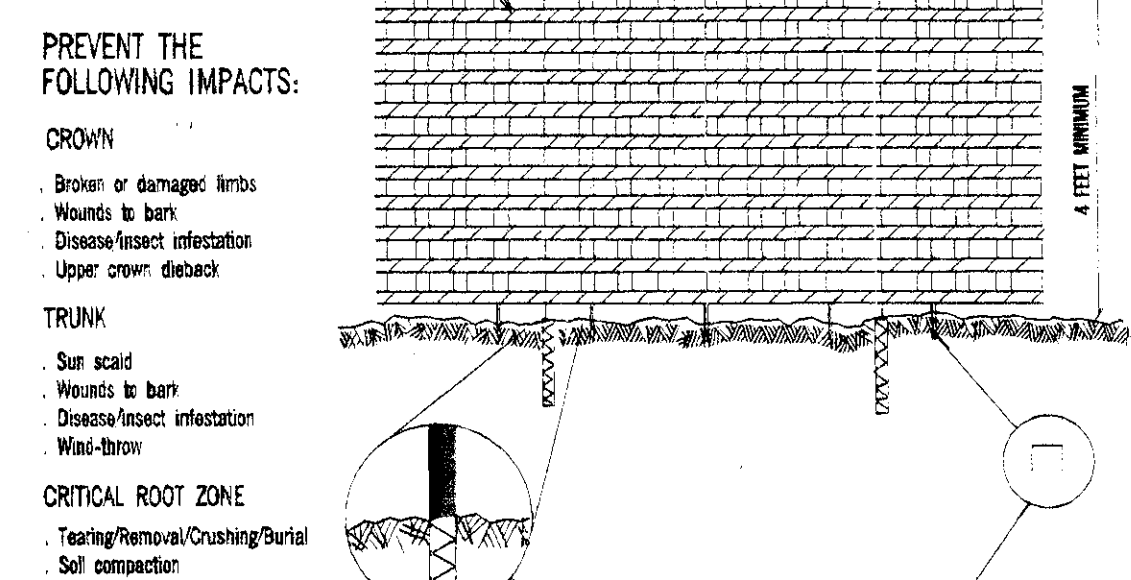
Filter Cloth on Wire Mesh



Notes:
1. Combine sediment control and protective device.
2. Retention area will be set as part of the review process.
3. Boundaries of Retention Area should be staked prior to installing protective device.
4. Root damage should be avoided.
5. Mound will only apply the limits of disturbance.
6. Protective signage is required.
7. All standard maintenance for sediment control devices apply to these details.

Tree Protection Device

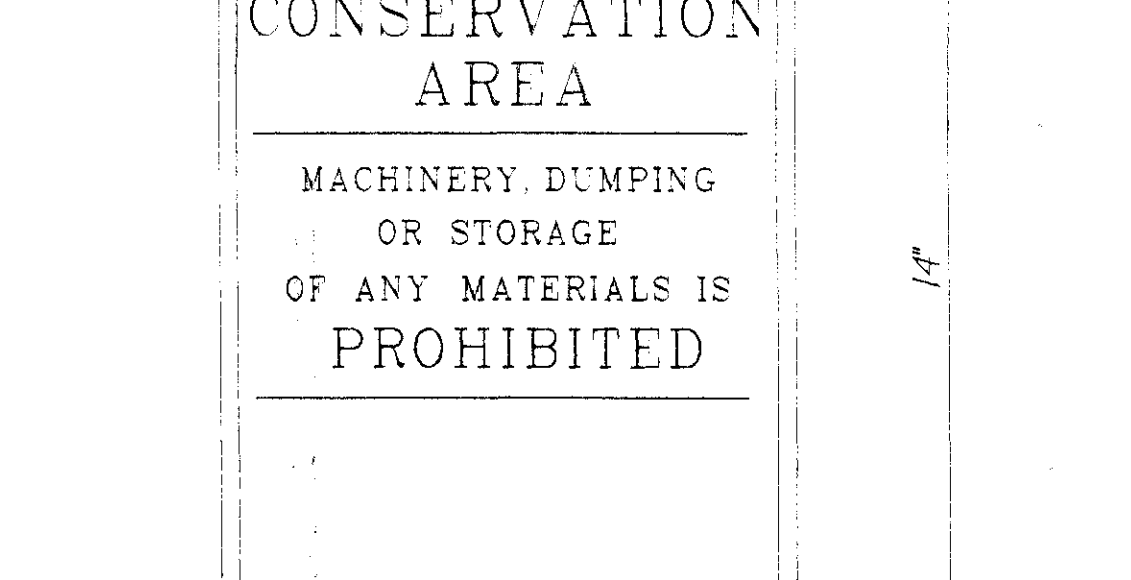
Where No Sediment Control Device is Specified Along the Limit of Disturbance



Notes:
1. Forest protection device only.
2. Retention Area will be set as part of the review process.
3. Boundaries of retention area should be staked and flagged prior to installing device.
4. Root damage should be avoided.
5. Protective signage is required.
6. Device should be maintained throughout construction.

Tree Conservation Area Signage

Tree Conservation Area Signage



Notes:
1. Signs shall be laminated cardboard with white lettering on a red background.
2. Signs shall be spaced approximately every 50 feet, mounted above the sediment control devices defining the limits of disturbance.
3. Through-out construction signs shall be maintained in good condition and replaced if necessary by the general contractor performing site work.
4. The general contractor performing site work shall remove signs no earlier than the time that sediment control devices are removed and no later than the release of the grading and restoration bond.

Woodland Conservation Worksheet for Prince George's County

Zone	Grass Tract	Forestland	Previously Dedicated Land	Net Tract (NTA)
Grass Tract	10.78	0.00	0.00	10.78
Forestland	0.00	0.00	0.00	0.00
Previously Dedicated Land	0.00	0.00	0.00	0.00
Net Tract (NTA)	10.78	0.00	0.00	10.78

Property Description or Subdivision Name: This site is subject to the 1985 Ordinance? ☒ Yes
Reforestation Requirement Reduction Questions: Is this site (1) single family lot? (Y/N) ☒ Y
Are there prior TCR approvals which include a combination of this lot and/or other lots? (Y/N) ☒ Y
Is this a Mitigation Bank? ☒ Yes
Break-even Point (preservation) = 2.28 acres
Clearing permitted w/o reforestation = 2.28 acres

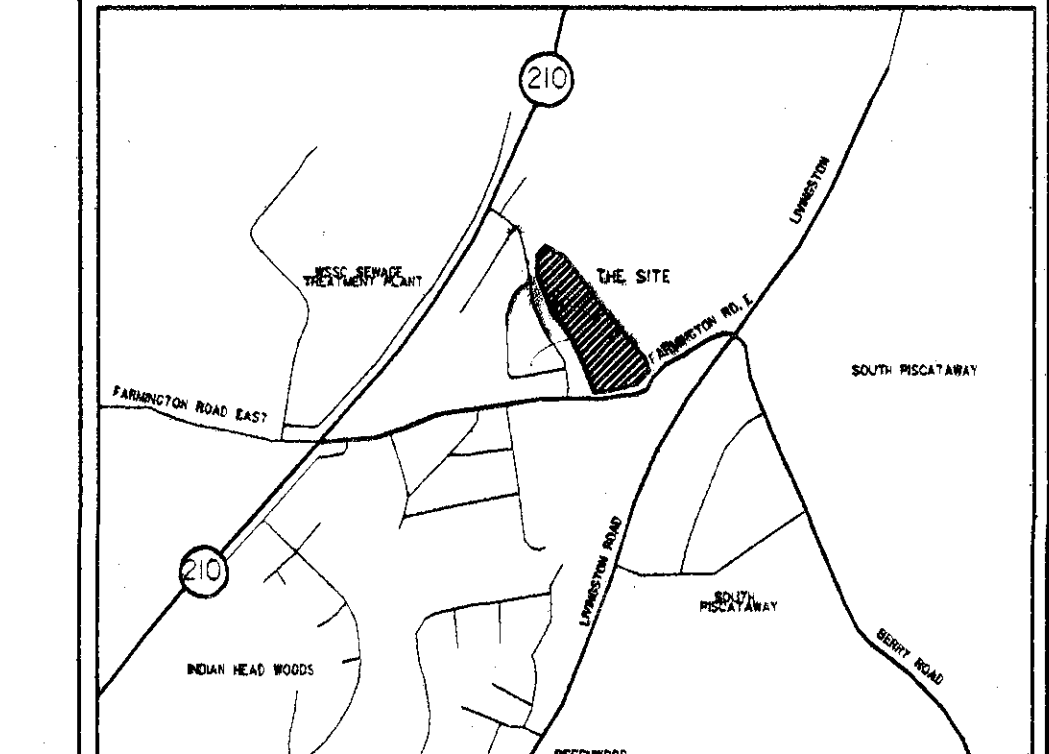
Woodland Conservation Calculations	Net Tract (acres)	Floodplain (acres)	Off-site Impacts (acres)
Existing Woodland	0.80	0.00	0.00
Woodland Conservation Threshold (NTA) =	20.00%	0.00	0.00
Smaller of a or b	0.80	0.00	0.00
Woodland above WCT	0.80	0.01	0.00
Woodland cleared	0.80	0.01	0.00
Shall be 1/2 or 1/3	0.00	0.00	0.00
Clearing above WCT (0.25 : 1) replacement requirement	0.00	0.00	0.00
Clearing below WCT (2 : 1) replacement requirement	0.00	0.00	0.00
Afforestation Threshold (AFT) =	10.00%	0.00	0.00
Off-site Mitigation being provided on this property	2.27	0.00	0.00
Woodland Conservation Required	0.80	0.00	0.00

Woodland Conservation Provided	(acres)
Woodland Preservation	0.80
Afforestation / Reforestation	0.00
Area approved for fee-in-lieu	0.00
Credits for Off-site Mitigation on another property	0.00
Off-site Mitigation being provided on this property	2.27
Total Woodland Conservation Provided	3.07

Area of woodland not required: 3.07 acres
Woodland retained: 2.27 acres

Prepared by: [Signature]
Reviewed by: [Signature]
Date: 5/10/06

Vicinity Map



Type II Tree Conservation Notes

- Cutting or clearing of woodland not in conformance with this plan or without the expressed written consent of the Planning Director or designee shall be subject to a \$150 per square foot mitigation fee.
- The Department of Environmental Resources (DER) inspectors must be contacted prior to the start of any work on the site to address implementation of Tree Conservation measures shown on this plan.
- Property owners shall be notified by the Developer or Contractor of any Woodland Conservation Area (Tree Save Area, Reforestation Area, or Selective Clearing Area) located on their lot or parcel of land and the associated fines for unauthorized disturbances to these areas. Upon the sale of the property, the owner/developer or owners representative shall notify the purchaser of the property of any Woodland Conservation Area.
- All appropriate bonds will be posted with the Building Official prior to the issuance of any permits. These bonds will be retained as surety by the Building Official until all required activities have been satisfied.
- All required off-site mitigation shall be identified on an approved TCR II for the off-site location and shall be recorded as an off-site easement in the land records of Prince George's County prior to issuance of any permits for the subject property.
- The location of all Tree Protection Devices (TPDs) shown on this plan shall be flagged or staked in the field prior to the pre-construction meeting with the Inspector from DER. Upon approval of the flagged or staked TPD locations by the DER Inspector, installation of the TPD is may begin. TPD installation shall be completed prior to installation of initial Sediment Control. No cutting or clearing of trees may begin before final approval of TPD installation.
- Tree Conservation Area signs will be securely attached to fence posts spaced every 50 feet.
- Tree Protective Devices, flagging, and signs for Woodland Conservation Areas shall be removed

Woodland Conservation Area Management Notes:

Removal of Hazardous Trees or Hazardous Limbs By Developers or Builders

The developer and/or builder is responsible for the complete preservation of all forested areas shown on the approved plan to remain undisturbed. Only trees or part thereof designated by the Department of Environmental Resources as dead, dying, or hazardous may be removed.

- A tree is considered hazardous if a condition is present which leads a Licensed Arborist or Licensed Tree Expert to believe that the tree or a portion of the tree has a potential to fall or strike a structure, parking area, or other high use area and result in personal injury or property damage.
- If a hazardous condition may be alleviated by corrective pruning the Licensed Arborist or Licensed Tree Expert may proceed without further authorization. The pruning must be in accordance with the latest edition of the ANSI A-300 Pruning Standards ("Tree, Shrub, and other Woody Plant Maintenance Standard Practices").
- Corrective measures requiring the removal of the hazardous tree or portions thereof shall require authorization by the building or grading inspector if there is a valid grading or building permit for the subject lots or parcels on which the trees are located. Only after approval of the appropriate inspector may the tree be cut by a chainsaw to near the existing ground level. The stump may not be removed or covered with soil, mulch or other materials that would inhibit sprouting.
- Debris from the tree removal or pruning that occurs within 35 feet of the woodland edge may be removed and properly disposed of by recycling, chipping, or other acceptable methods. All debris that is more than 35 feet from the woodland edge shall be cut up to allow contact with the ground, encouraging decomposition. Smaller materials shall be placed in brush piles that will serve as wildlife habitat.

Legend

- Tree Preservation
- Open Land
- Tree Protection Device With Signs
- Sample Point
- Specimen Tree Location
- Stand Designation
- Limit of Disturbance (LOD)

Greenhouse & O'Mara Consulting Engineers

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Woodland Conservation Calculations, Notes and Details

Farmington Road Property

1400 Farmington Road

Prince George's County, Maryland

THJ DESIGN

THJ DRAWN

GJR CHECKED

4/06 DATE

1" = 60'

1 OF 1

PROJ No.

FILE No.