

DUST CONTROL

DEFINITION
Controlling dust blowing and movement on construction sites and roads.

PURPOSE
To prevent blowing and movement of dust from exposed soil surfaces, reduce on and off-site damage, health hazards, and improve traffic safety.

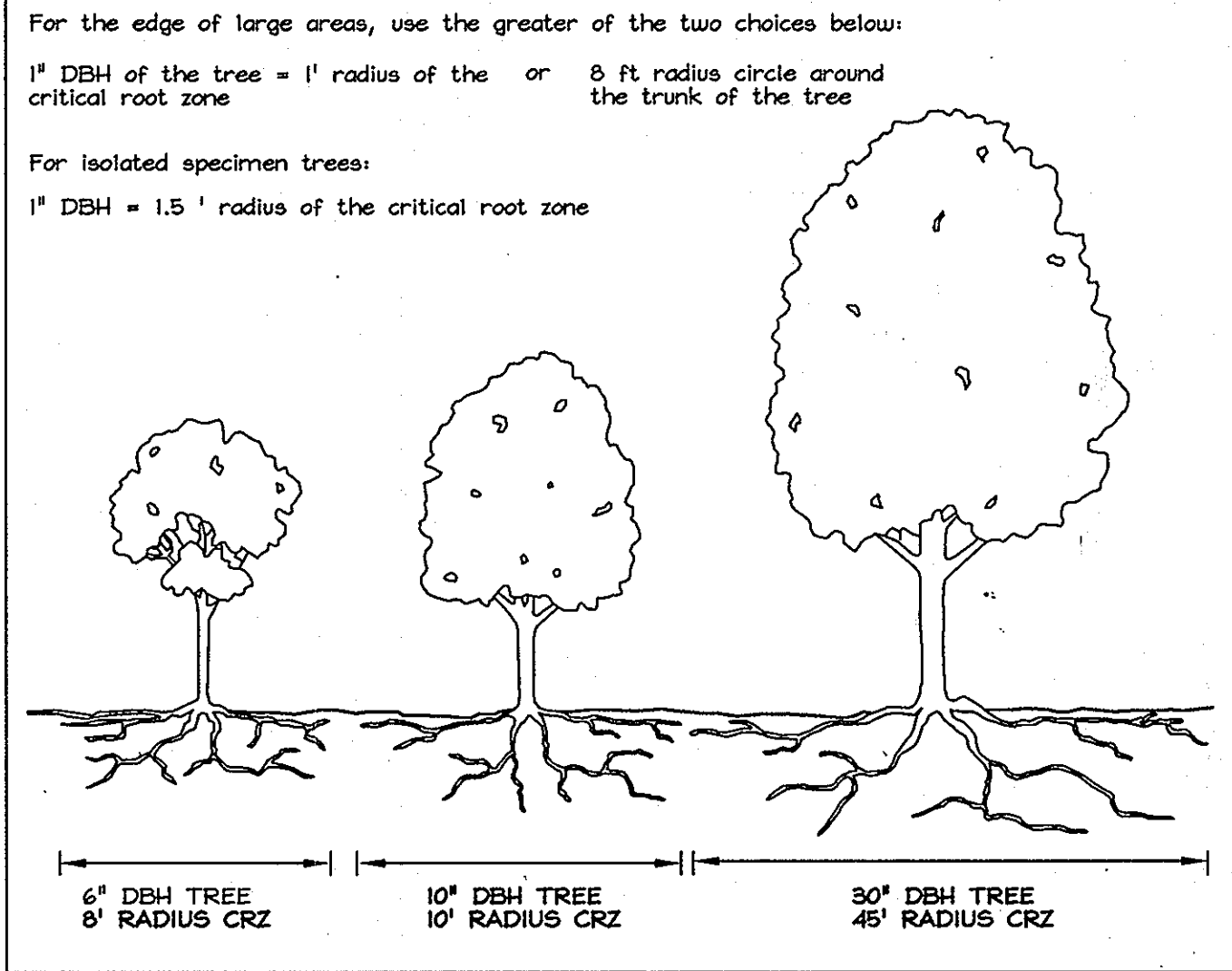
CONDITIONS WHERE PRACTICE APPLIES
This practice is applicable to areas subject to dust blowing and movement where on and off-site damage is likely without treatment.

SPECIFICATIONS
Temporary Methods
1. Mulches - See standards for vegetative stabilization with mulches only. Mulch should be crimped or locked to prevent blowing.
2. Vegetative Cover - See standards for temporary vegetative cover.
3. Tillage - To roughen surface and bring clods to the surface. This is an emergency measure which should be used before soil blowing starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12' apart, spring-toothed harrows, and similar plows are examples of equipment which may produce the desired effect.
4. Irrigation - This is generally done as an emergency treatment. Site is sprinkled with water until the surface is moist. Repeat as needed. At no time should the site be irrigated to the point that runoff begins to flow.
5. Barriers - Solid board fences, silt fences, snow fences, burlap fences, straw bales, and similar material can be used to control air currents and soil blowing. Barriers placed at right angles to prevailing currents at intervals of about 10 times their height are effective in controlling soil blowing.
6. Calcium Chloride - Apply at rates that will keep surface moist. May need reapplication.

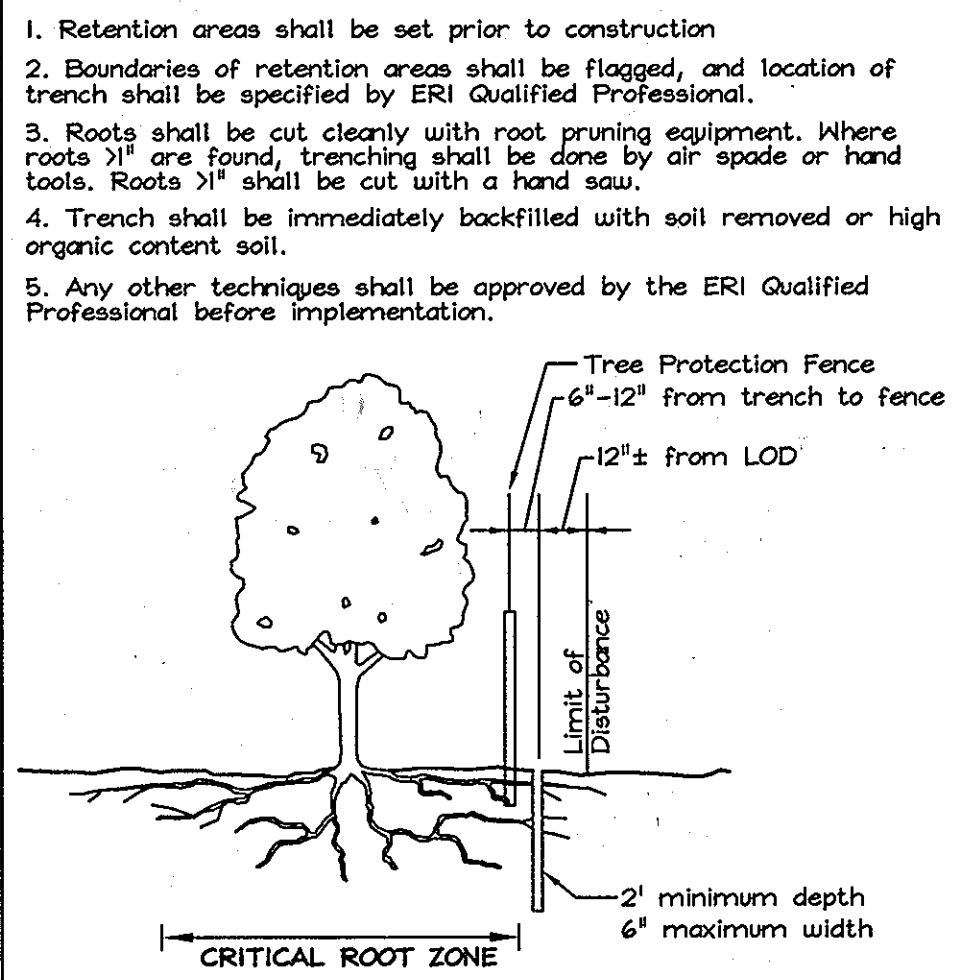
Permanent Methods
1. Permanent Vegetation - See standards for permanent vegetative cover, and permanent stabilization with sod. Existing trees or large shrubs may afford valuable protection if left in place.
2. Topping - Covering with less erosive soil materials. See standards for topsoiling.
3. Stone - Cover surface with crushed stone or coarse gravel.

References
1. Agriculture Handbook 346. Wind Erosion Forces in the United States and Their Use in Predicting Soil Loss.
2. Agriculture Information Bulletin 354. How to Control Wind Erosion, USDA-ARS, H-30-1.

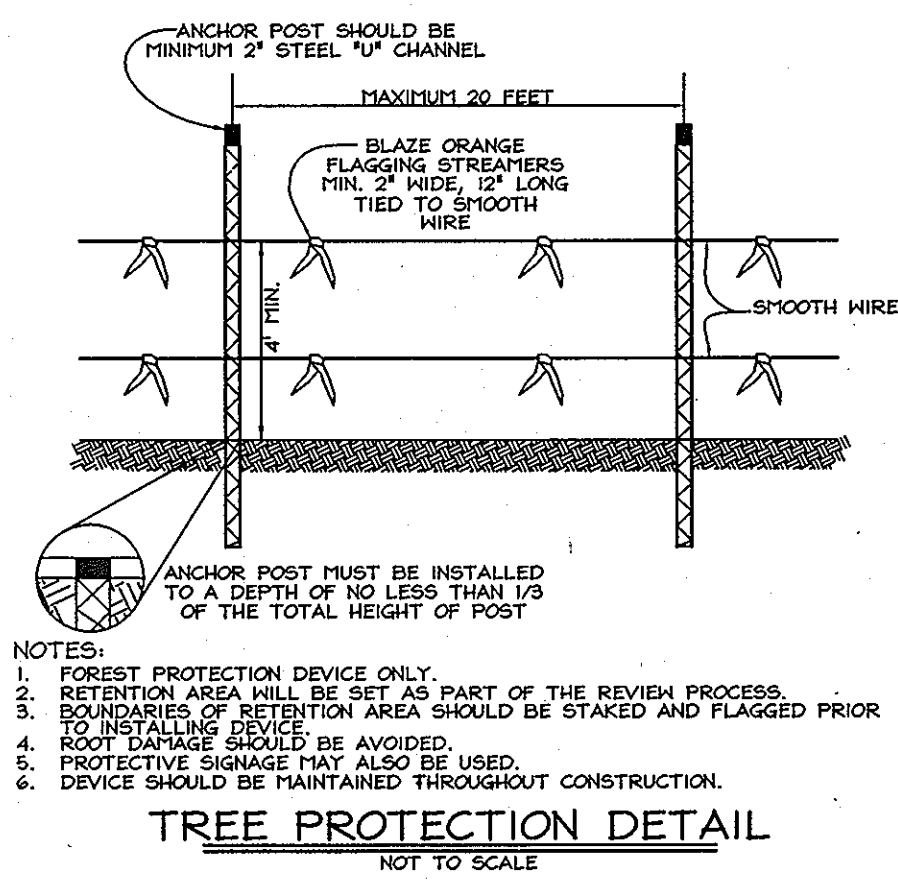
CRITICAL ROOT ZONE



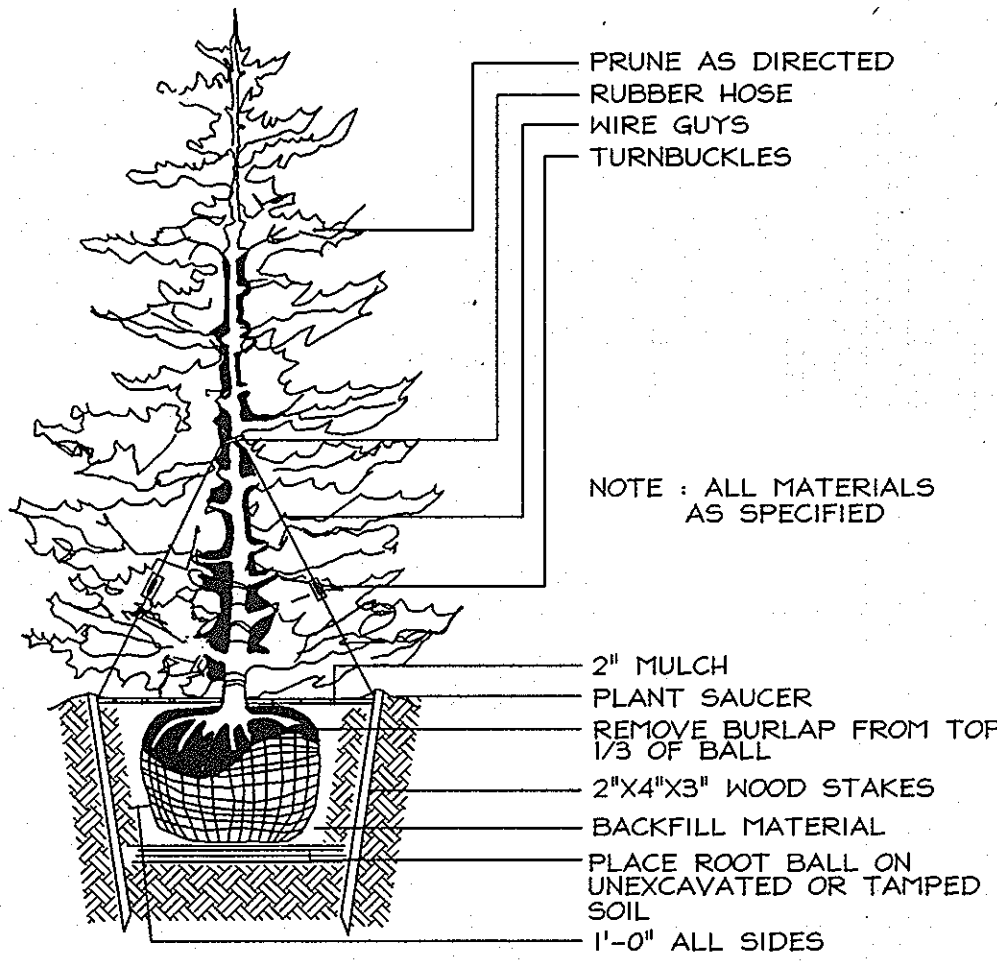
ROOT PRUNING



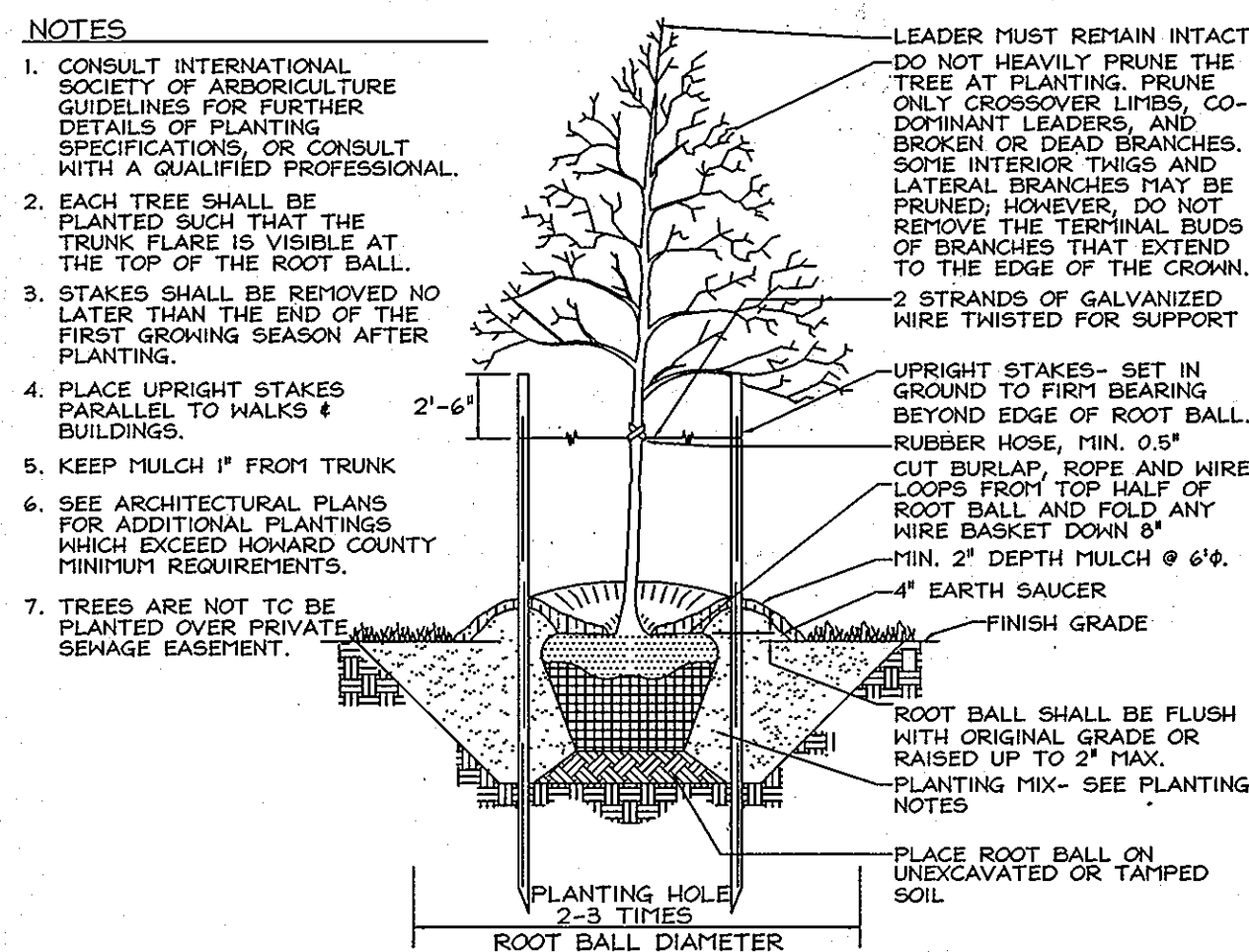
TWO STRAND SMOOTH WIRE



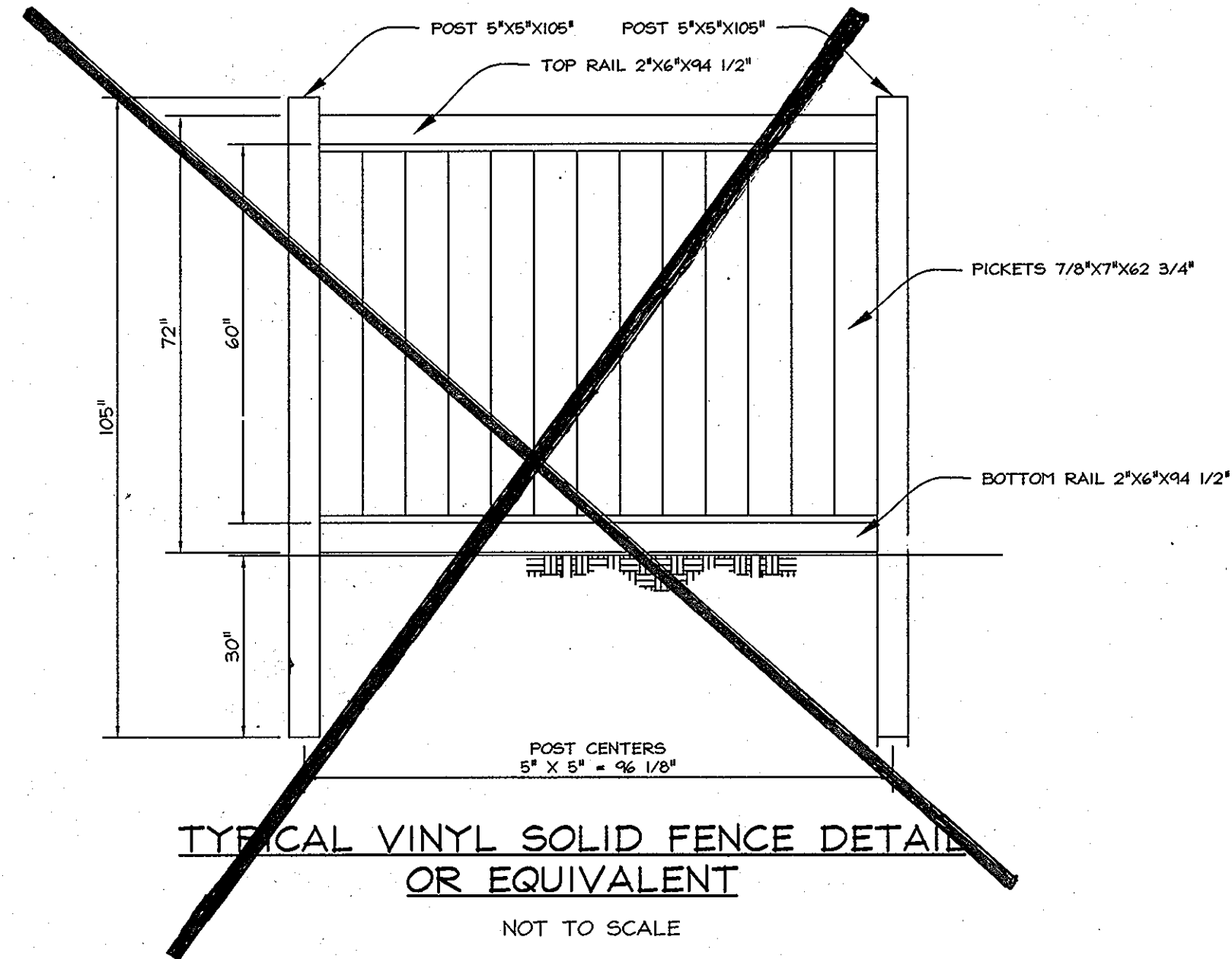
TREE PROTECTION DETAIL
NOT TO SCALE



TYPICAL EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE



TYPICAL TREE PLANTING AND STAKING
DECIDUOUS TREES UP TO 2-1/2" CALIPER
NOT TO SCALE



TYPICAL VINYL SOLID FENCE DETAIL OR EQUIVALENT
NOT TO SCALE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
CHIEF, DEVELOPMENT ENGINEERING DIVISION
CHIEF, DIVISION OF LAND DEVELOPMENT
DIRECTOR

REVIEWED FOR PERMITS AND MEETS TECHNICAL REQUIREMENTS
USDA-NATURAL RESOURCES CONSERVATION SERVICE
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT
HOWARD SCD

REVISION	BY	DATE
Eliminate 6' High Vinyl Privacy Fence, Shearwater Lane	Shanaberg-Lane	11/19/13

ENGINEER'S CERTIFICATE
I HEREBY CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
SIGNATURE OF ENGINEER
ZACHARIA Y. FISCH
DATE
12/3/07

DEVELOPER'S CERTIFICATE
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
SIGNATURE OF DEVELOPER
DATE
12/5/07

DEVELOPER'S BUILDER'S CERTIFICATE
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.
SIGNATURE OF DEVELOPER
DATE
12/5/07

ADDRESS CHART

LOT No.	ADDRESS
9	9232 Marydell Road

PERMIT INFORMATION CHART

Subdivision Name:	Section/Area	Lot No.
Marydell Addition	N/A	9
Plot #	Lot #	Zoning
18812	16	R-20
Tax Map No.	Elect. District	Census Tract
17	2nd	6022.00
Water Code	Sewer Code	
H-04	1403600	

OWNER/DEVELOPER

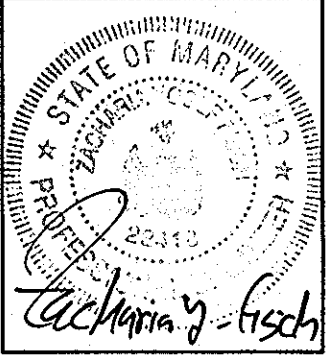
MICHAEL CROSBY
54 Holmehurst Avenue
Cotonsville, MD 21228
Telephone: (410) 446-0296

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. #22418, Expiration Date: 07/29/2009.

**LANDSCAPE, FENCE NOTES AND DETAILS
NEW SINGLE FAMILY DETACHED DWELLING**

MARYDELL ADDITION
LOT 9 Plat #18812
9232 MARYDELL ROAD

TAX MAP 17 GRID 16
2ND ELECTION DISTRICT
PARCEL 210
HOWARD COUNTY, MARYLAND



FSH Associates
Engineers Planners Surveyors
6339 Howard Lane, Elkridge, MD 21075
Tel: 410-567-5260 Fax: 410-796-1562
E-mail: info@fisher.com

DESIGN BY: AY
DRAWN BY: AY
CHECKED BY: ZYF
SCALE: As Shown
DATE: Dec. 3, 2007
W.O. No.: 3484
SHEET No.: 2 OF 2