

CHIEF, DIVISION OF LAND DEVELOPMENT 5/8/03 FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL

GENERAL NOTES

CONSERVATION DISTRICT.

raining Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on—site inspection by the Howard So Conservation District or their authorized agents, as are deemed necessary".

NAME JOHN R. WHITE (V.P SALES & MARKETING)

plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation

(11)C:\Drawing\Worthington Phase2\dwg\02113sdp.dwg

LEGEND

—— 348 ———

W.O.B.

+ 78 4

naterial toxic to plant growth.

(313-1855).

and establishment of grasses.

SUBDIVISION NAME

G-01

DESIGNED

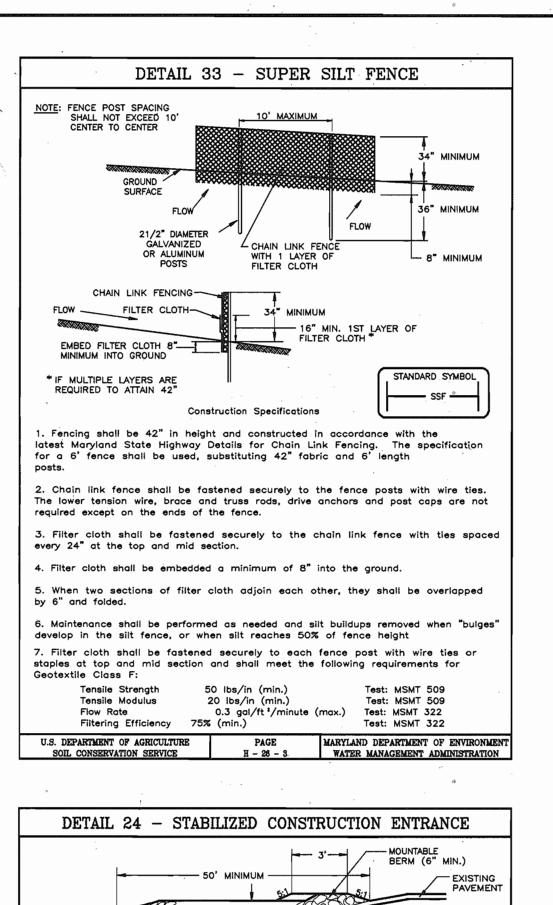
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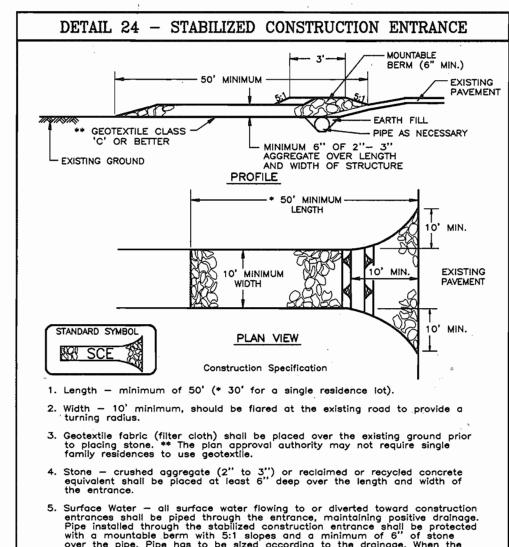
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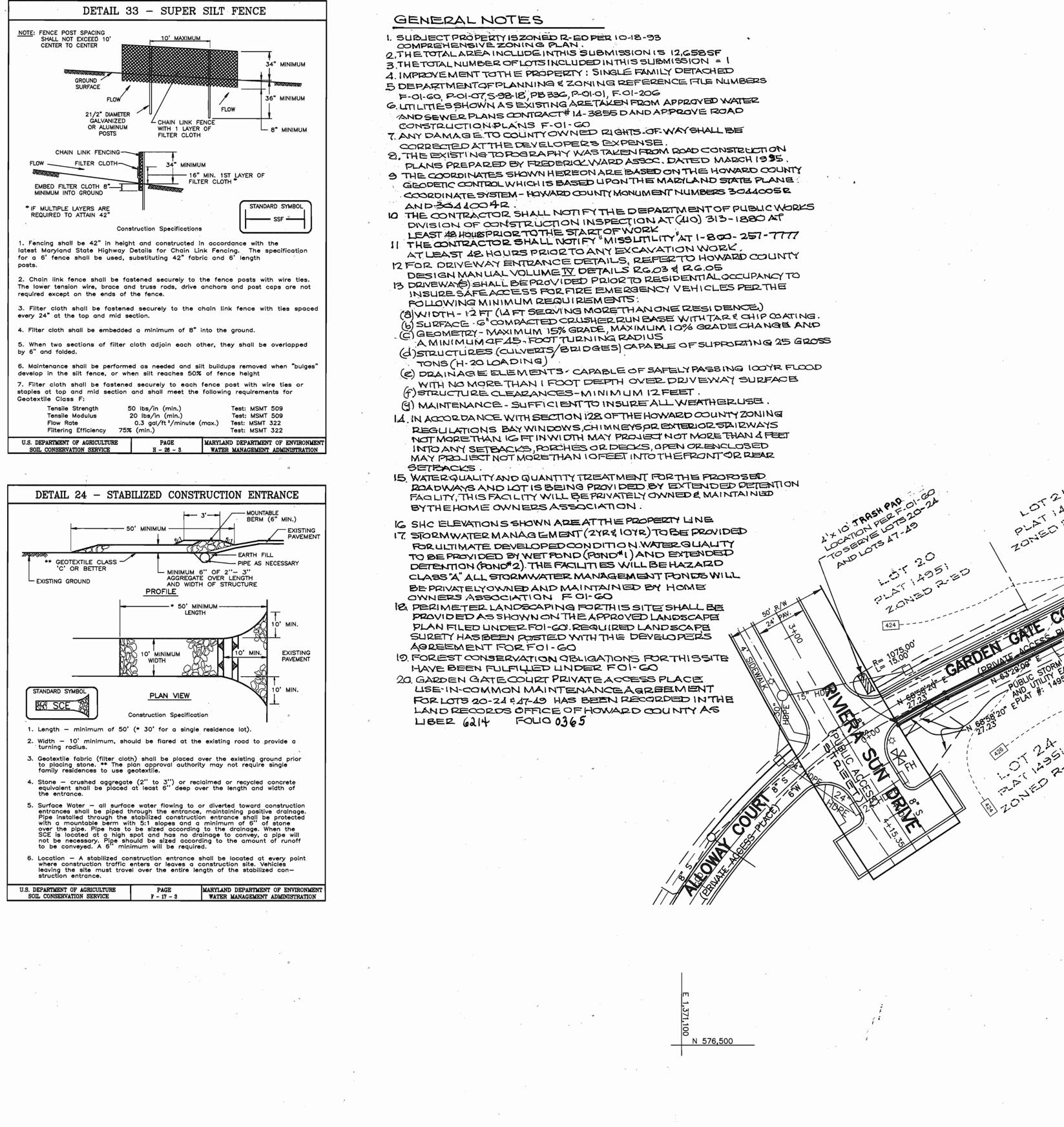
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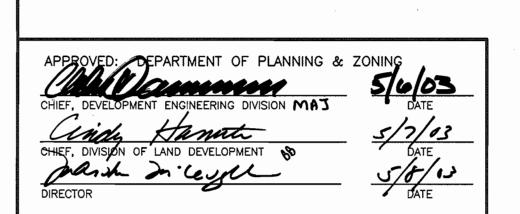
7. SITE ANALYSIS:

CONTOUR INTERVAL











FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER'S/BUILDER'S CERTIFICATE

"I/We certify that all development and construction will be done according to this plan of development and 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 So Conservation District or their authorized agents, as are deemed necessary".



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 Soil Conservation

02516

10.24.03

EXT --->

PORCH

REVISIONS

REV. GRD. LOT 49 TO SHOW AS-BUILT CONDITIONS



DATE (11)C:\Drawing\Worthington Phase2\dwg\02113sdp.dwg

LEGEND CONTOUR INTERVAL EXISTING CONTOUR 348 W.O.B. + 78 4

STABILIZED CONSTRUCTION ENTRANCE EROSION CONTROL MATTING SILT FENCE

ECM _____ <u>LOD</u>___

BENCHMARKS :

Nº I HOWARD COUNTY CONTROL # 3044005 R 3/4" REBAR O.S' BELOW SLIRFACE N-578233.92 E-1373142.33 ELEY - 374.389

Nº2 HOWARD COUNTY CONTROL # 3044001 R 3/4" REBAR O. G' BELOW SURFACE N-578 128.03 E 1373460.71

VICINITY MAP Scale : 1"=2000'

MANOR

Place topsoil (if required) and apply soil amend—ments as specified in 20.0 Vegetotive Stabilization —Section | — Vegetative Stabilization Methods and

been previously established, shall be maintained, albeit 4"— 8" higher in elevation.

layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a

manner that sodding or seeding can proceed with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from top—soiling ar other operations shall be corrected in order to prevent the formation of depressions or

subsoil is in a frozen or muddy condition, when

PERMANENT SEEDING NOTES

TEMPORARY SEEDING NOTES

1" = 30'

1 of 1

02-113

FILE NO.

02 - 113 - X

DRAWING

JOB NO.

the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper

grading and seedbed preparation.

3044605 R.

BM 3044004P

Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation. <u>Purpose</u>

To provide a suitable soil medium for vegetoble growth. Soils of cancern have law moisture content, low nutnent levels, law pH, materials toxic to plants, and/or unacceptable soil gradation.

Conditions Where Practice Applies I. This practice is limited to areas having 2:1 or flatter

b. The soil material is so shallow that the rooting

The original soil to be vegetated contains

II. For the purpose of these Standards and Specification areas having slopes steeper than 2:1 require special

Construction and Material Specifications

i. Topsoil shall be a loam, sandy loam, clay loam, sill be used if recommended by an agranamist or a soil scientist and approved by the appropriate approval authority. Regardless, topsoll shall not be a mixture f contrasting textured subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1 1/2" in diameter.

ii. Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, Johnsongrass, nutsedge, poison ivy, thistle, or others as specified.

iii. Where the subsoil is either highly acidic or compose of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,00D square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.

SEDIMENT AND EROSION CONTROL NOTES A <u>minimum of 48 hours</u> notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any canstruction

(313-1855). All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECS. Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control stuctures, dikes, perimeter slopes and all slopes greater than 3:1
 b) 14 days as to all other disturbed or graded areas on the

All sediment traps/basins shown must be fenced and warning signs posted around their perimeters in accordance with Vol.1, Chapter 7, of the HOWARD COUNTY DESIGN MANUAL, Storm

 All disturbed areas must be stabilized within the time period specified above, in accordance with the 1994 MARYLAND STAND-ARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings, sod, temporary seeding and mulching (Sec G).

Temporary stabilization with mulch alone can only be done when ecommended seeding dates do not allow for proper germination

 All sediment control structures are to remain in place and are to be maintained in operative candition until permission for their removal has been abtained from the Howard County Sediment Control Inspector. 7. SITE ANALYSIS:

IS:

Total Area of Site: 1268 Sq. Ft.

Area Disturbed: 17470 Sq. Ft.

Area to be roofed or paved: 3000 Sq. Ft.

Area to be vegetatively stabilized: 9470 Sq. Ft.

Total Cut: 161 Cu. 10.

Offsite Waste/Borrow Area Location: *

8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repoired on the same day of disturbance. Additional sediment control must be provided, if deemed necessary by the Howard County DPW Sediment Control Inspector. 10. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other sorth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

11. Trenches for the construction of utilities shall be backfilled and stabilized within one working day, or is limited to three pipe lengths. 12. The total amount of earth dike == 13. The total amount of super silt fence = 135 L.F. 14. The total amount of super diversion fence:

* it is the responsibility of the contractor to identify the spail/borrow site and natify and gain appraval from the sediment control inspector of the site and it's grading permit number at the time of construction.

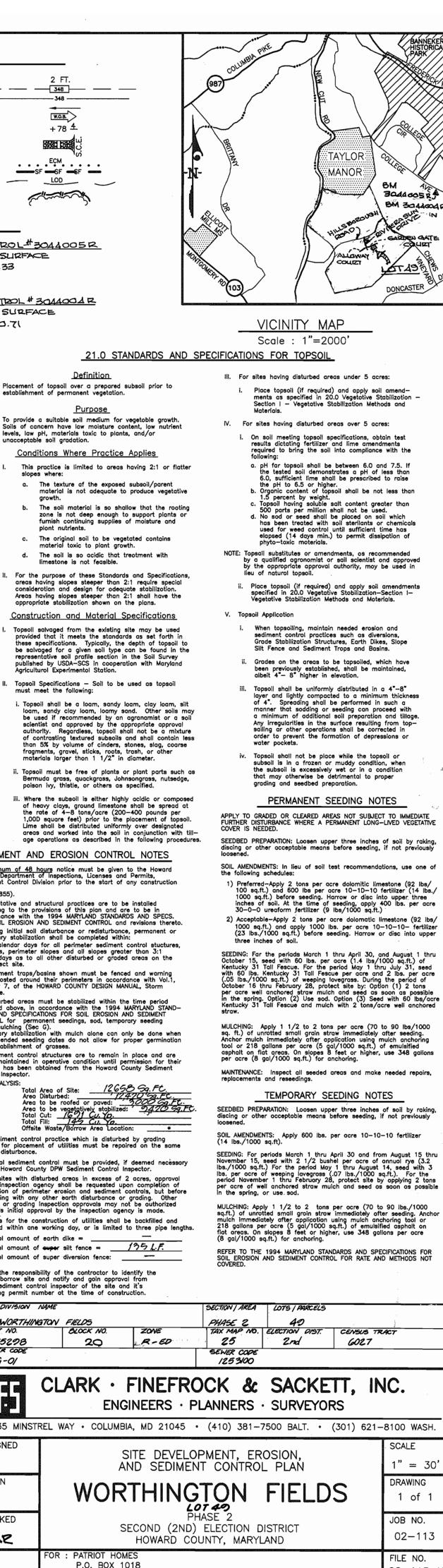
SUBDIVISION NAM TAX MAP NO. ELECTION DIST. CENSUS TRACT 25 2nd R-ED WATER CODE SEWER CODE G-01 1253100

CLARK · FINEFROCK & SACKETT, INC. ENGINEERS · PLANNERS · SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH. SCALE

DRAWN SECOND (2ND) ELECTION DISTRICT

CHECKED DIR HOWARD COUNTY, MARYLAND



PROPOSED CONTOUR DIRECTION OF DRAINAGE WALK OUT BASEMENT ADDRESS CHART SPOT ELEVATION STREET ADDRESS LIMIT OF DISTURBED AREA TREE PROTECTION FENCE EXISTING TREES TO REMAIN N 576,900 49xc 927 ELEX: 362.75 STOOP 1-99

> CONSTRUCTION SEQUENCE: 5. Install tree protection relice.
>
> 5. Install sediment and erosion cantrol devices and stabilize.
>
> 6. Excavate for foundations, rough grade and temporarily stabilize.
>
> 6. Construct structures, sidewalks and driveways. 6. Final grade, install Erosion Control Matting and stabilize in accordance with standards and specifications. 7. Upon approval of the sediment control inspector, remove * Delay construction of houses on lats:

DEVELOPER/OWNER PATRIOT HOMES P.O. BOX 1018



Columbia , MARYLAND ZIO44

12-12-02 COLUMBIA, MARYLAND 21044