

for placement of utilities must be repaired on the same day of

. Additional sediment controls must be provided, if deemed necessary by the Howard County Department of Public Works Sediment Control

10. Site grading will begin only after all perimeter sediment contro measures have been installed and are in a functioning condition. 11. Sediment will be removed from traps when its depth reaches the clean out elevation shown on the plans.

12. Cut and fill quantities provided under site analysis do not represent bid quantities. These quantities do not distinguish between topsoil, structural fill or embankment material, nor do they reflect consideration of undercutting or removal of unsuitable material. The contractor shall familiarize himself with site conditions which may affect the work.

#### TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

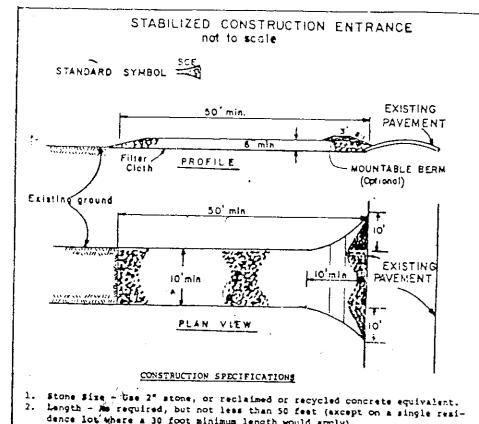
Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

Soil Amendments: Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.).

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with  $2\frac{1}{2}$ bushel per acre of annual rye (3.2 lbs./1000 sq. ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (.07 lbs./1000 sq. ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching: Apply  $1\frac{1}{2}$  to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes, 8 ft. or higher, use 348 gal. per acre (8 gal./1000 sq. ft.) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.



dence lot where a 30 foot minimum length would apply). . Thickness Not less than six (6) inches.

Width - Ten (10) foot minimum, but not less than the full width at

points where ingress or egress occurs.

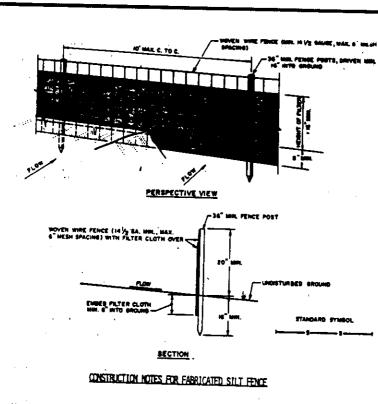
Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a mingle family residence lot. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.

Haintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of mediment onto public rights-of-way. This may

sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping Periodic inspection and needed maintenance shall be provided after each rain.

require periodic top dressing with additional stone as conditions demand

and repair and/or cleanout of any measures used to trap sediment. All



I. NOVEN WIRE FENCE TO BE FASTEMED SECURELY TO FENCE POSTS WITH MIRE TIES OR STAPLES. POSTS: STEEL EITHER T ON U FENCE: Hoven wire, 144 Ga. 6 Max. MESH OPENING FILTER CLOTH: FILTER X.

FIRMER 1100, STABILIMER TIGON OR APPROVED

SILT FENCE

STABILIZED CONSTRUCTION ENTRANCE

EXISTING

PAVEMENT

MOUNTABLE BERM

AVEMEN.

not to scale

PROFILE

PLAN VIEW

CONSTRUCTION SPECIFICATIONS

dence lot where a 30 foot minimum length would apply). 3. Thickness - Not less than six (6) inches.
4. Width - Ten (10) foot minimum, but not less than the full width at

a mountable berm with Sil slopes will be pegmitted.

points where ingress or egress occurs.

Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.

Filter Cloth - Will be placed over the entire area prior to placing of stone.

2. Langth - As required, but not less than 50 feet (except on a single resi-

Filter will not be required on a single family residence lot.

6. Surface Mater - All surface water flowing or diverted toward construction

7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may

entrances shall be piped across the entrance. If piping is impractical,

require periodic 1.39 dressing with additional stone as conditions demand and repsis and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must

be removed immediately.

8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto

public rights-of-way. When washing is required, it shall be done on an area

stabilized with stone and which drains into an approved sediment trapping

3. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION

(NOT TO SCALE)

ENTRANCE

STANDARD SYMBOL

Existing ground

CONC., 1/2" PREFORMED EXP. JT. FILLER SECTION: DRIVEWAY IN EXISTING OURB SECTION: ORIVEHAY

IN NEW CURB REPUBLISHED THE IS TO BE PROVIDED AT R/W LINE DRIVEWAY ENTRANCE DETAIL (NOT TO SCALE) PLAN VIEW FRONT ELEVATION SIDE ELEVATION

WHERE CURB & GUTTER EXISTS, RELIQUE & RECONSTRUCT CURB & GUTTEN TO THE FIRST JOINT ON EITHER SIDE OF ENTRANCE

-CURB BELOW GUTTER LINE -

FRONT VIEW

VARIABLE - 14'-0" MIN., 24'-0" MAX. 2'-0", VARIABLE VARIABLE - 10'-0" MIN., 20'-0" MAX. 2'-0"

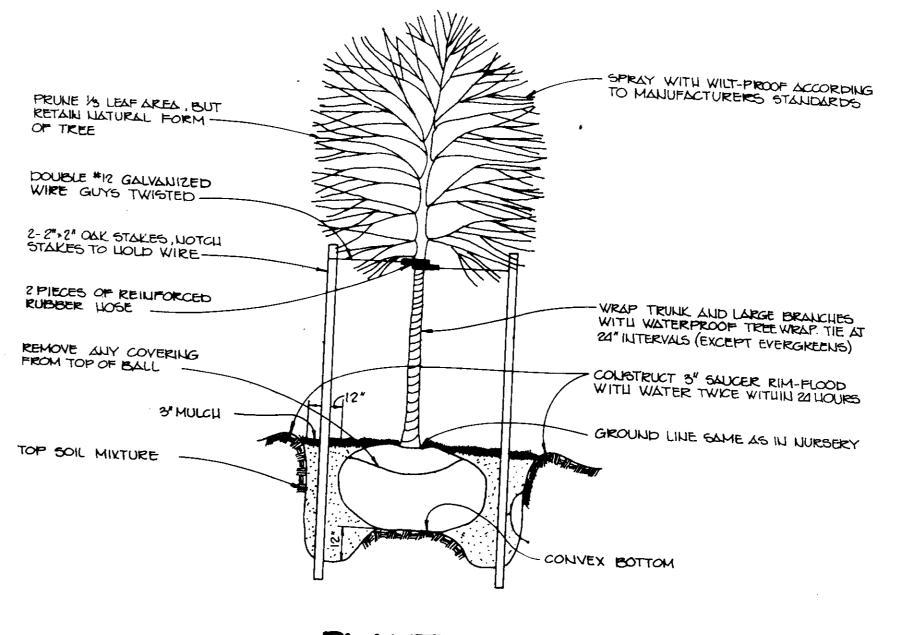
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TOTE 3. TIE-IN GRADE OF PRIVATE

6-0" SIDE WALK

- EXISTING JOHNT

-R/W LINE 7"REINE CONC. 4'-0" NORMAL SIDEN STAKES TO LIOLD WIRE -7"REINE CONC. SLOPE 2% CR 3 REINFORCING BARS 12"O.C 2 PIECES OF REINFORCED RUBBER HOSE . EXISTING CURB & GUTTER TO BE REMOVED ENTIRELY & I" ROUNDING 1 REPLACED TO HEAREST CONSTR. JOINT EACH SIDE OF NOTE A: PRIVATE DRIVEWAY PAVING LIF EXP. JT. FILLER REMOVE ANY COVERING FROM TOP OF BALL 3" MULCH -\_\_\_ TOP SOIL MIXTURE 2139 \$ /0.3 = 7130 \$ MIN. LOT SIZE



ROAD VICINITY MAP

PLANT LIST BLDG. ELEVATIONS Acer Rubrum 212"-3" Cal. 15'-15' H (Red Maple) NOT TO SCALE) Quercus Cocciner 2/2"-3" Cal. 12'-14'Ht (Scorlet Oak) 1. UNIT HAS I' ROOF EAVES FRONT & REAR Malus Snow Cloud 2½"-3" Cal. 8' -10'41+. 2. "REV" INDICATES LINIT IS REVERSED. (Snow Cloud Crabapple) llex Nellie Stevens (Nellie Stevens Holly) 2/2" = 5" Ht. B+B or Container Pinus Strobus 4'-8' H (White Pine)

BY THE DEVELOPER: "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL

Remorks

Full branching

Full branching

B+B, natural

CONSERVATION DISTRICT." BY THE ENGINEER:

"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT 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 DISTRICT."

Molune. REVIEWED FOR HOWARD

AND MEETS TECHNICAL REQUIREMENTS SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

John R. Roberton 9/11/90

HOWARD COUNTY DEPARTMENT OF PLANNING AND

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE

SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

PLANNING AND LAND DEVELOPMENT

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

REVISION Howard Research & Development Corp. 10275 Little Patuxent Parkway Columbia, MD. 21094 DEVELOPER

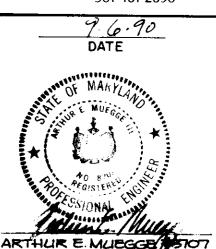
Howard Vocational Construction Co. 10920 Clarksville Pike (RTE 108) Ellicott City, MD. 21043 LOT 2

VILLAGE OF HICKORY RIDGE SECTION 6 AREA 5 AREA TAX MAP: 35 PARCEL ZONE: NTERZO

5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SITE DEVELOPMENT PLAN

RIEMER MUEGGE & ASSOCIATES, INC. A Land Planning, Engineering and Consulting Firm 3105 North Ridge Road Ellicott City, Maryland 21043 301-461-2690 FAX: 301-750-3176



REH: 6-86-116, P89-76, F90-9 FDP - 205 DESIGNED BY: LJG DRAWN BY: LJG PROJECT NO: 61901 DATE 7-6-90 SCALE: 1" - 30' DRAWING NO. | OF

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously

Soil Amendments: In lieu of soil test recommendations, use one of the following

1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before sceding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq

2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper

Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs. per acre (1.4 lbs./1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre of well-anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well-anchored straw.

Mulching: Apply  $1\frac{1}{2}$  to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal./1000 sq. ft.) of emulsified as malt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal./1000 sq. ft.) for

Maintenance: Inspect all seeded areas and make needed repairs, replacements and reseedings.

#### CONSTRUCTION SEQUENCE LOBTAIN GRADING PERMIT (LDAY)

2. CLEAR FOR & INSTALL SILT FENCE AND STABILIZE CONSTRUCTION ENTRANCE. (1 DAY) 5. ROLIGH GRADE FOR DRIVEWAY & REMOVE

SIDEWALK AS NECESSARY. ( | DAY ) 4. BEGIN HOUSE & LITILITY CONNECTIONS

5. FINISH GRADE & INSTALL ALL LITILITIES PORIVEWAY, & STABILIZE ALL AREAS ACCORDING TO TEMPORARY SEEDING NOTES. (4 DAYS)

G. COMPLETE ALL CONSTRLICTION AND STABILIZE ALL AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES (5 DAYS)

7. LIPON APPROVAL OF THE DEPARTMENT OF PLIBLIC WORKS SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND SEED ALL REMAINING DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES (I DAY)

### LEGEND:

EXIST. CONTOURS PROP. CONTOURS ----- 404-----LIMIT OF DISTURBED AREA STABILIZED CONSTRUCTION SCE ENTRANCE SILT FENCE

# ADDRESS CHART

Street Address 10020 Quarterstaff Rd

## GENERAL NOTES:

I. PROPERTY IS ZONED NEW TOWN - SPLD & R-20 PER THE 1985 COMPREHENSIVE ZONING PLAN. 2. TOTAL AREA OF THEGITE IS 0.3087 ACS 3. TOTAL NUMBER OF LOTS IS ONE

4 MAXIMUM BUILDING COVERAGE PERMITTED IS 30% PER LOT.

5. STORM WATER MANAGEMENT PROVIDED LINDER F90 47.

G. FOR SITE ANALYSIS SEE SEDIMENT CONTROL NOTES THIS SHEET.

7. PER RECORDED PLAT 9949, THERE ARE SUBDIVISION NAME SECT./AREA NO WETLANDS ON LOT 2. LOT/PARCEL # 2 VILLAGE OF HICKORY RIDGE 6/5 PLAT # OR L/F BLOCK # AX/ZONE MAP | ELEC. DIST. | CENSUS T 9343

**E29** 

WATER CODE

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SDP-91-14