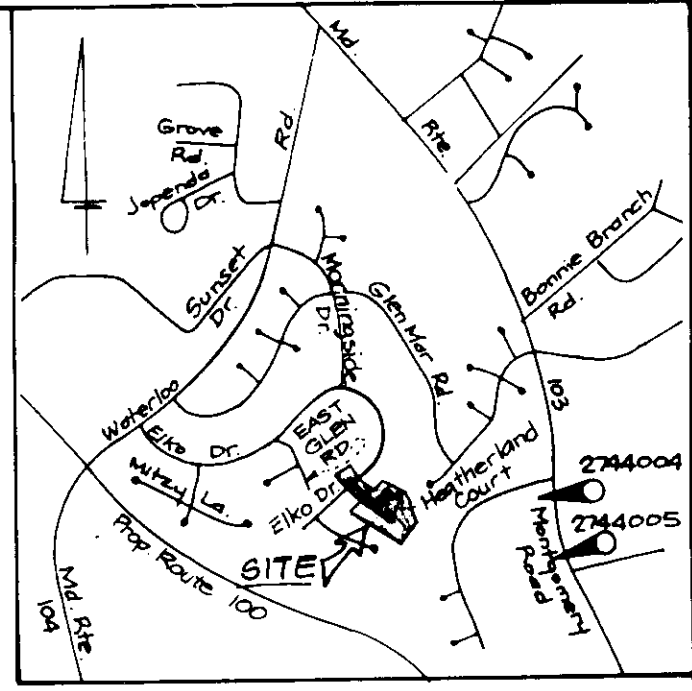


LEGEND

| | |
|----------------------------|----------------|
| Contour Interval | 2 Ft |
| Existing Contour | --- |
| Proposed Contour | --- |
| Spot Elevation | +292 |
| Drainage Flow | → |
| Existing Trees to be saved | (Tree symbol) |
| Tree Protection Fence | (Dashed line) |
| Walk-out Basement | (House symbol) |

ADDRESS CHART

| LOT NUMBER | STREET ADDRESS |
|------------|------------------------|
| 352 | 8184 Elko Drive |
| 353 | 5323 Heatherland Court |
| 354 | 5327 |
| 355 | 5331 |
| 356 | 5335 |
| 357 | 5339 |
| 358 | 5343 |
| 359 | 5347 |
| 360 | 5351 |
| 361 | 5354 |
| 362 | 5358 |
| 363 | 5362 |
| 364 | 5366 |
| 365 | 5370 |
| 366 | 5374 |
| 367 | 5378 |
| 402 | 5383 East Glen Road |
| 403 | 8223 Elko Drive |



VICINITY MAP
Scale: 1" = 2000'
BENCHMARKS
Hc Co # 2744004 Elev. 415.567
Hc Co # 2744005 Elev. 419.625

- GENERAL NOTES:**
- Subject property is zoned: R-20 per 10-18-33 Comprehensive Zoning Plan.
 - The total area included in this submission is: 6.60 Ac.
 - The total number of lots included in this submission are: 10.
 - Improvement to property: Single family detached.
 - Department of Planning and Zoning reference file numbers are: P-87-71, C-87-61, F-89-47, 14-1939-D.
 - Utilities shown as existing are taken from approved water and sewer plan Contract #14-1939-D, approved road construction plans F-89-47, and actual field survey.
 - Any damage to county owned rights-of-way shall be corrected at the developer's expense.
 - Storm water management is provided per: F-89-44.
 - All roadways are public and existing.
 - The existing topography shown was taken from road construction plans F-89-47 prepared by Dewberry & Davis.
 - The coordinates shown herein are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monument Nos.: 2744004 and 2744005.
 - The contractor shall notify the Department of Public Works/ Bureau of Construction Inspection a (410) 313-1370 at least five (5) working days prior to the start of work.
 - The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
 - The owner/builder shall be advised that all porch/deck structures located within the front/rear building setback shall be in accordance with Section 12B of the Zoning Regulations. Indicate as a notation on the plan that Section 12B of the Zoning Regulations allows porches or decks, open or enclosed, not to project more than 10 feet into the required front or rear yard building restriction lines.
 - The wetland/stream buffer indicated on this plan does not affect the initial construction of a residential unit on any lot. It does prohibit subsequent clearing, grading or construction in the buffer area. Maintenance of residential, landscaping and utilities is permitted.
 - For driveway entrance details, refer to Howard County Design Manual Volume II 5th Edition R-6.01, R-6.03 & R-6.05.
 - Sewer House Connections (SHC) are taken from approved water and sewer plans Contr. #14-1939-D.

SPECIAL NOTES:
This plan is for house siting and lot grading only. Improvements shown within the rights-of-way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-89-47 and/or approved Water and Sewer Plans Contract #14-1939-D.

SHEET INDEX

| | |
|-----------------------------------|------------|
| Site Development Plan | Sheets 1-2 |
| Sediment and Erosion Control Plan | Sheets 3-5 |

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

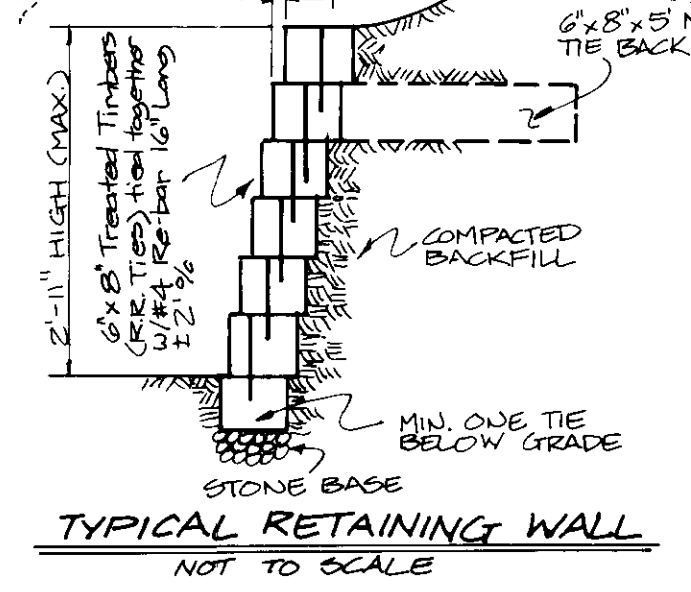
COUNTY HEALTH OFFICER: _____ DATE: _____

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
Director: _____ DATE: 4/12/94
Chief Division of Land Development and Research: _____ DATE: 4/17/94

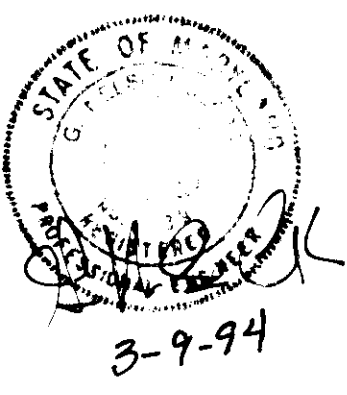
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Director: _____ DATE: 3/31/94
Chief Bureau of Engineering: _____ DATE: 3/30/94

MINIMUM LOT SIZE CHART

| LOT NO. | GROSS AREA | PIEDMONT AREA | REMAINING AREA | 100 YEAR FLOODPLAIN | 30' E. SLOPE | MINIMUM LOT SIZE |
|---------|------------|---------------|----------------|---------------------|--------------|------------------|
| 356 | 21,101 | 3,303 | 17,798 | | | 17,798 |
| 357 | 24,399 | 3,303 | 20,096 | | | 20,096 |



2. Rev. base for lots 354 & 355 to show 40' Built Cord. 10-14-95
1. Rev. base for lot 357 & add base for 40' Built Cord. 7-25-95



OWNER/DEVELOPER
THE DREES COMPANY
5301 Shawnee Road #110
Alexandria, Virginia 22312

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 - BALTO. • (301) 621-9100 - WASH.

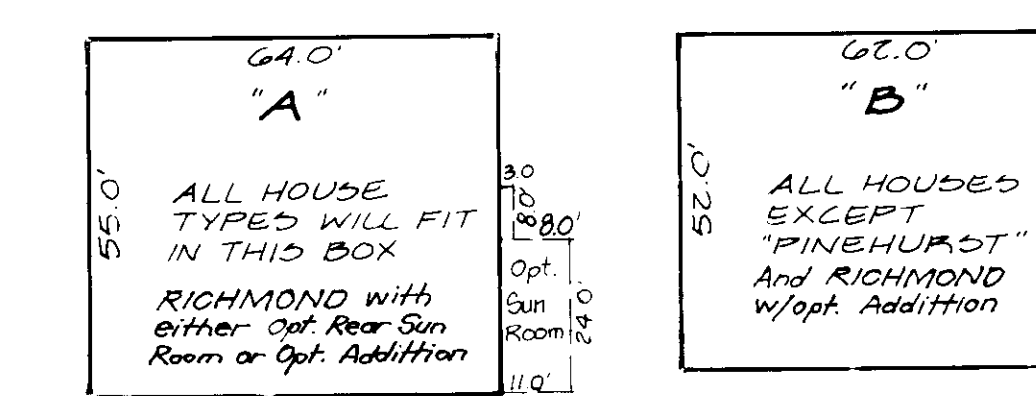
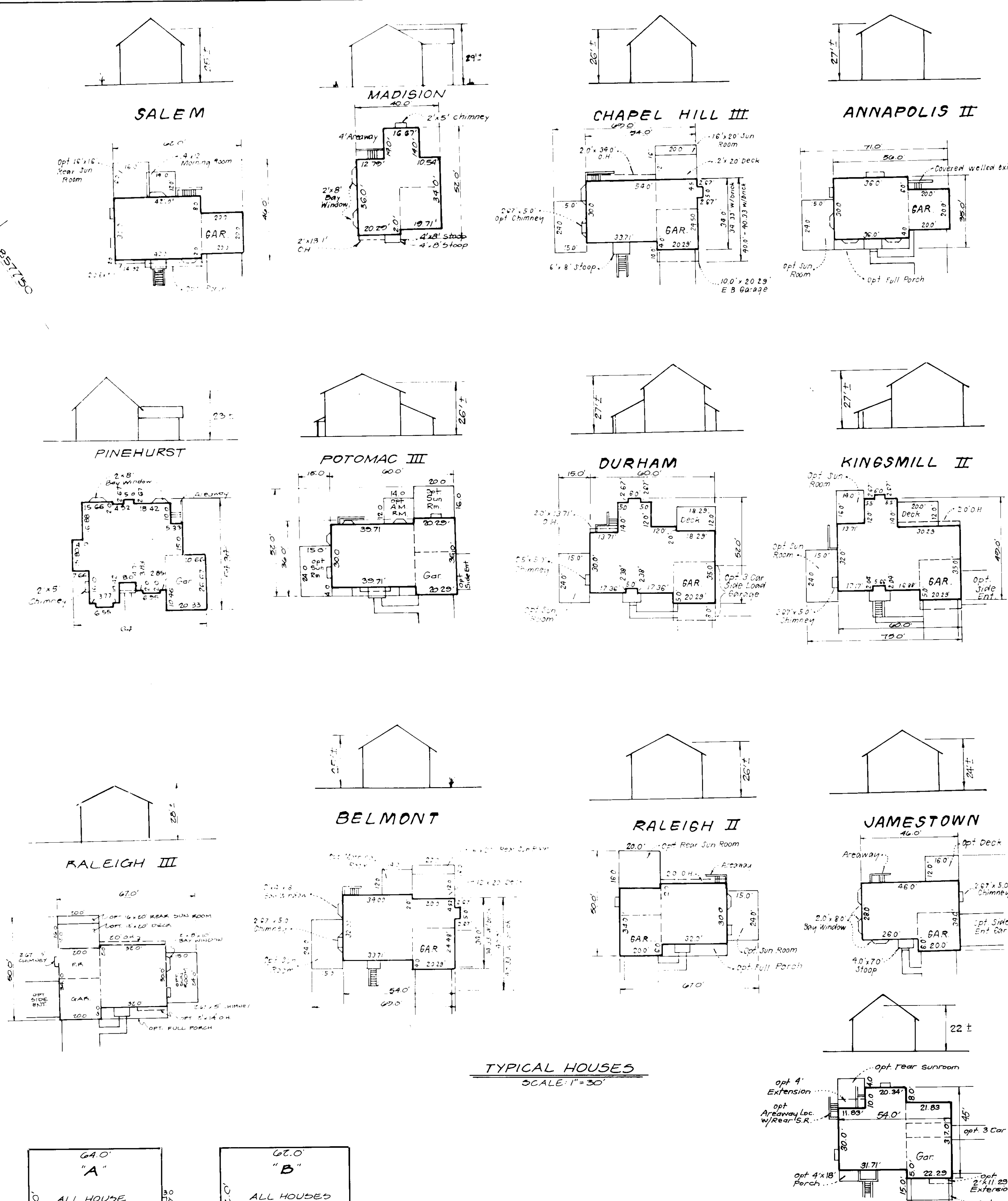
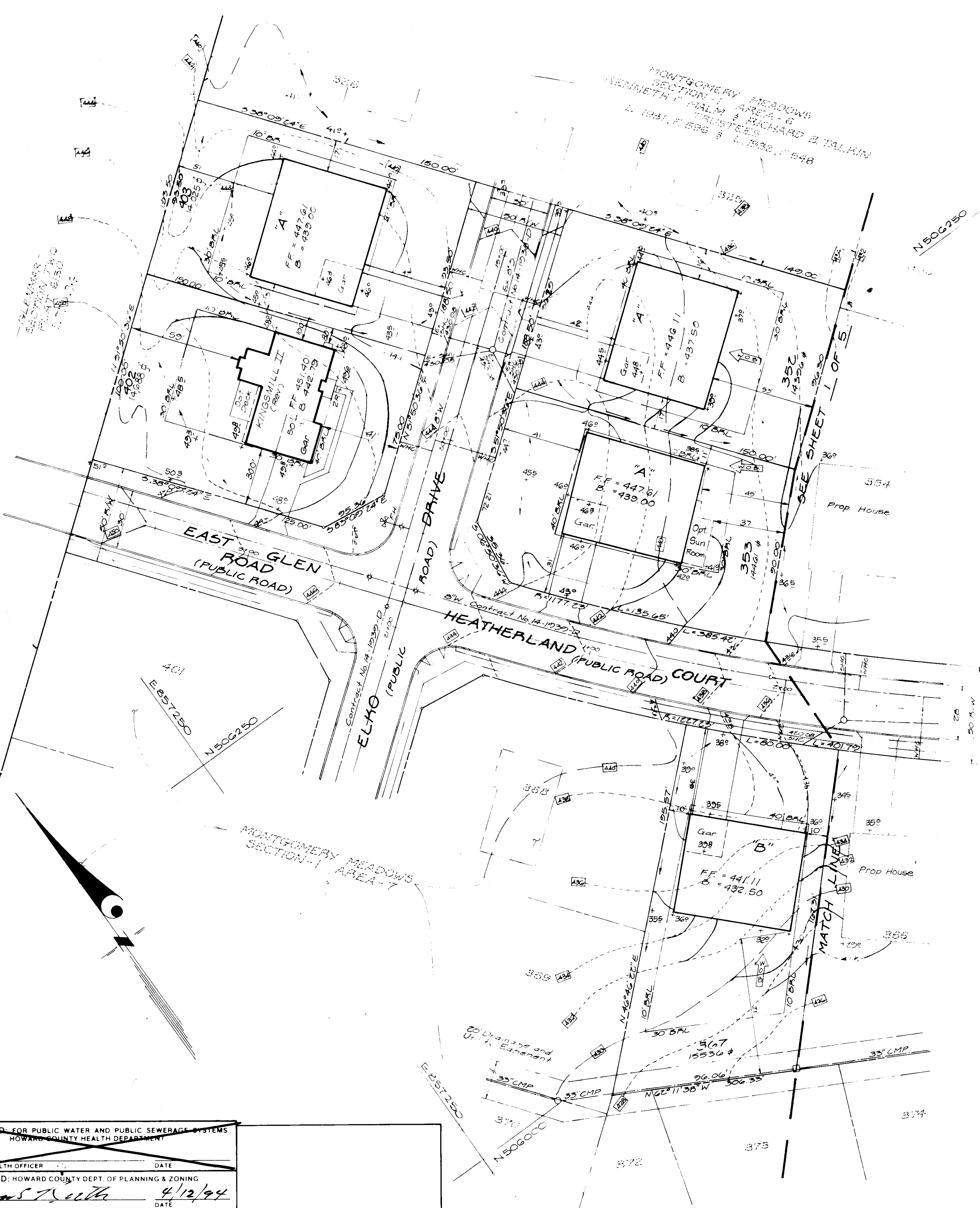
DESIGNED RMT
DRAWN MCR
CHECKED UME
DATE Jan 1, 1994

SCALE 1" = 30'
DRAWING 1 OF 5
JOB NO. 93-208
FILE NO. 93-208X

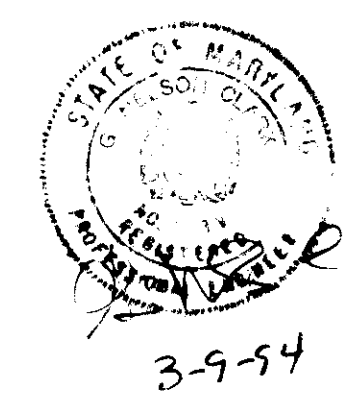
FOR: N.V. HOMES INC.
255 QUINCE CROCHARD RD # 240
BATHING ROOM, MD 20812

SDP-94-73

MONTGOMERY MEADOWS SECTION I AREA 7
 WENNETH MALM & RICHARD B. TALWIN
 L. 1981, P. 893 & L. 1982, P. 898



GENERIC BOXES
 SCALE: 1" = 30'



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 DATE 4/12/94
 Director Gina Swannick 4/17/94
 CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

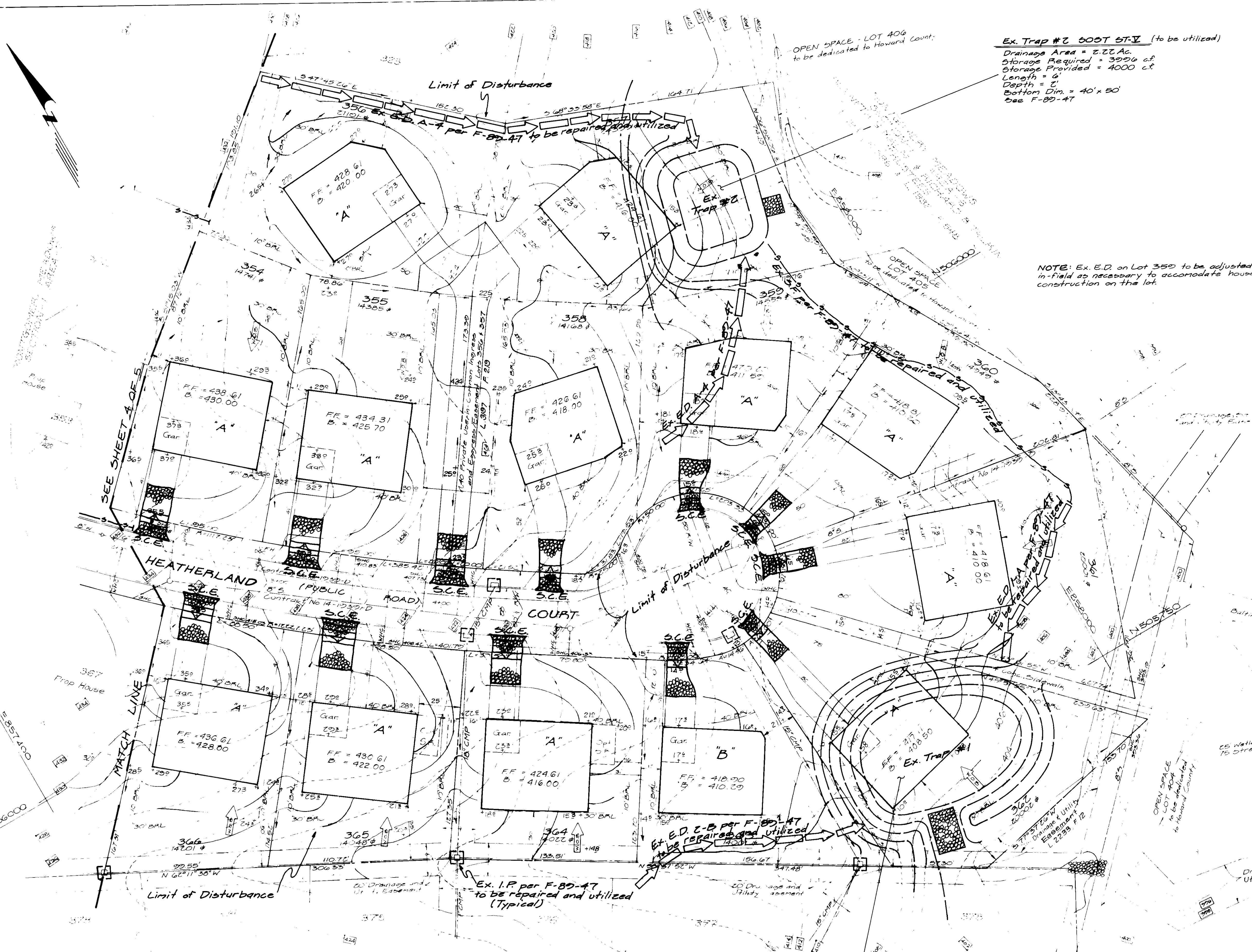
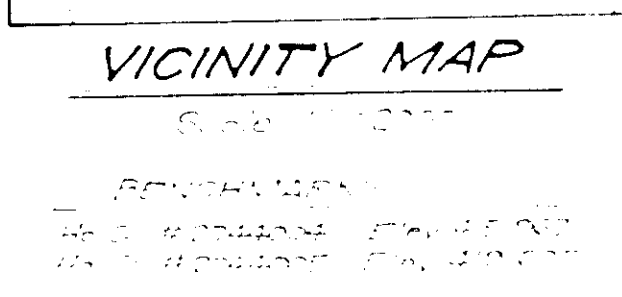
Director _____ DATE 3.31.94
 Chief Bureau of Engineering _____ DATE 3/30/94

OWNER/DEVELOPER:
 THE DEES COMPANY
 5301 SHAWNEE ROAD # 110
 ALEXANDRIA, VIRGINIA 22312

| | | |
|---|---|---|
| CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 - BALTO • (301) 621-8100 - WASH | | |
| DESIGNED R.M.T. | SITE DEVELOPMENT PLAN LOTS 352 THROUGH 367, 402 & 403 MONTGOMERY MEADOWS SECTION I AREA 7 1ST ELECTION DISTRICT HOWARD COUNTY MARYLAND | SCALE 1" = 30' |
| DRAWN M.C.R. | | DRAWING 2 OF 5 |
| CHECKED J.M.E. | | JOB NO. 93-208 |
| DATE FOR | | FILE NO. 93-208-X |
| | | N.V. HOMES, INC. 5521 LUNCE ORCHARD RD. #240 GAITHERSBURG, MD 20878 |

LEGEND

| | |
|----------------------------------|----------|
| Contour Interval | 2 Ft. |
| Existing Contour | --- |
| Proposed Contour | --- |
| Spot Elevation | +99.2 |
| Drainage Flow | → |
| Existing trees to be saved | (Symbol) |
| Tree Protection Fence | (Symbol) |
| Walk-out Basement | (Symbol) |
| Ex. Earth Dike | (Symbol) |
| Ex. Dilt Fence | (Symbol) |
| Silt Fence | (Symbol) |
| Limit of Disturbance | (Symbol) |
| Ex. Inlet Protection | (Symbol) |
| Stabilized Construction Entrance | (Symbol) |



Ex. Trap #2 ROST ST-VI (to be utilized)
 Drainage Area = 2.22 Ac.
 Storage Required = 3900 c.f.
 Storage Provided = 4000 c.f.
 Length = 6'
 Depth = 6'
 Bottom Dim. = 40' x 50'
 See F-82-47

NOTE: Ex. E.D. on Lot 355 to be adjusted in-field as necessary to accommodate house construction on the lot.

Reviewed for HOWARD S.C.D.
 Signature: *John E. ...*
 Date: 3/28/94
 US Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Signature: *John R. ...*
 Date: 3/28/94

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 Soil Conservation District or their authorized agents, as are deemed necessary.
 Signature: *Walter C. ...*
 Date: 1/7/94

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 District.
 Signature: *Clark ...*
 Date: 1-5-94

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COMMUNITY HEALTH OFFICER: *...*
 DATE: 4/12/94
 APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING
 DIRECTOR: *...*
 DATE: 4/17/94
 CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH: *...*
 DATE: 3/31/94
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *...*
 DATE: 3/30/94
 CHIEF BUREAU OF ENGINEERING: *...*
 DATE: 3/30/94

Ex. Trap #1 ROST ST-VI (to be utilized)
 Ex. Drainage Area = 13.05 Ac.
 Prop. Drainage Area = 11.65 Ac.
 Storage Required = 23,490 c.f.
 Storage Provided = 25,300 c.f.
 Weir Elev. = 401.0'
 Top of Embankment = 405.0'
 Depth = 4'
 Weir Length = 16'
 See F-85-47

OWNER/DEVELOPER
 THE DREES COMPANY
 13501 Shawnee Road #110
 Alexandria, Virginia 22312

CLARK • FINEROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • ARCHITECTS

SEDIMENT & EROSION CONTROL PLAN
 LOTS 352 thru 367, 402, 403
MONTGOMERY MEADOWS
 SECTION 1 AREA 7
 1ST ELECTION DISTRICT
 HOWARD COUNTY MARYLAND

FOR: N.V. HOMES INC.
 355 QUINCE ORCHARD RD # 240
 GAITHERSBURG, MD 20878

DATE: 3/30/94



Reviewed for HOWARD S.C.D.
 and meets Technical Requirements
 Signature: *[Signature]* Date: *[Date]*
 US Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY THE HOWARD SOIL
 CONSERVATION DISTRICT
John R. Redman 3/28/94
 Approved

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 Soil Conservation District or their authorized agents, as are deemed necessary."
[Signature] 1/7/94
 Signature Date

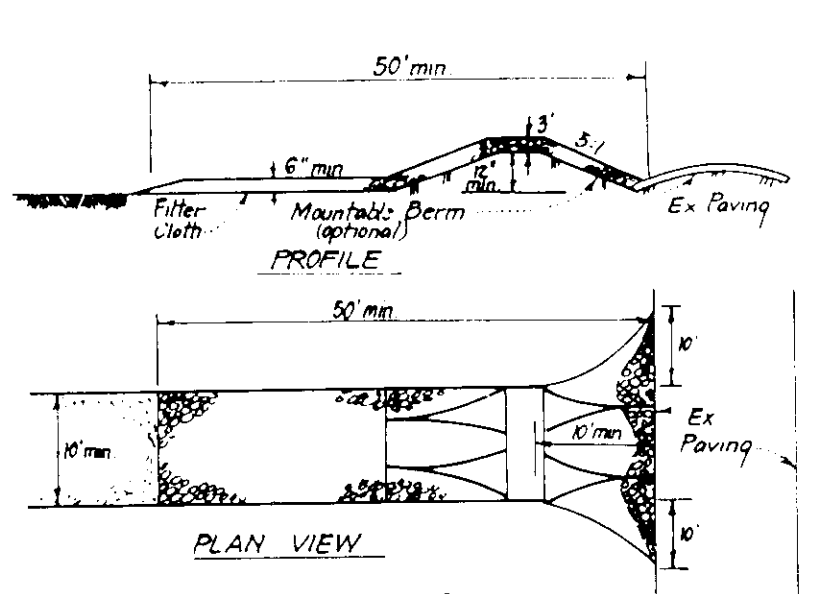
ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
[Signature] 1-5-94
 Signature Date

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER DATE
 APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
[Signature] 4/12/94
 DIRECTOR DATE
Gina Summary 4/7/94
 CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH JA
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE
[Signature] 3/31/94
 DATE
[Signature] 3/30/94
 CHIEF BUREAU OF ENGINEERING CO. 3101M DATE

OWNER/DEVELOPER:
 THE DREES COMPANY
 5301 SHAWNEE ROAD #110
 ALEXANDRIA, VIRGINIA 22312

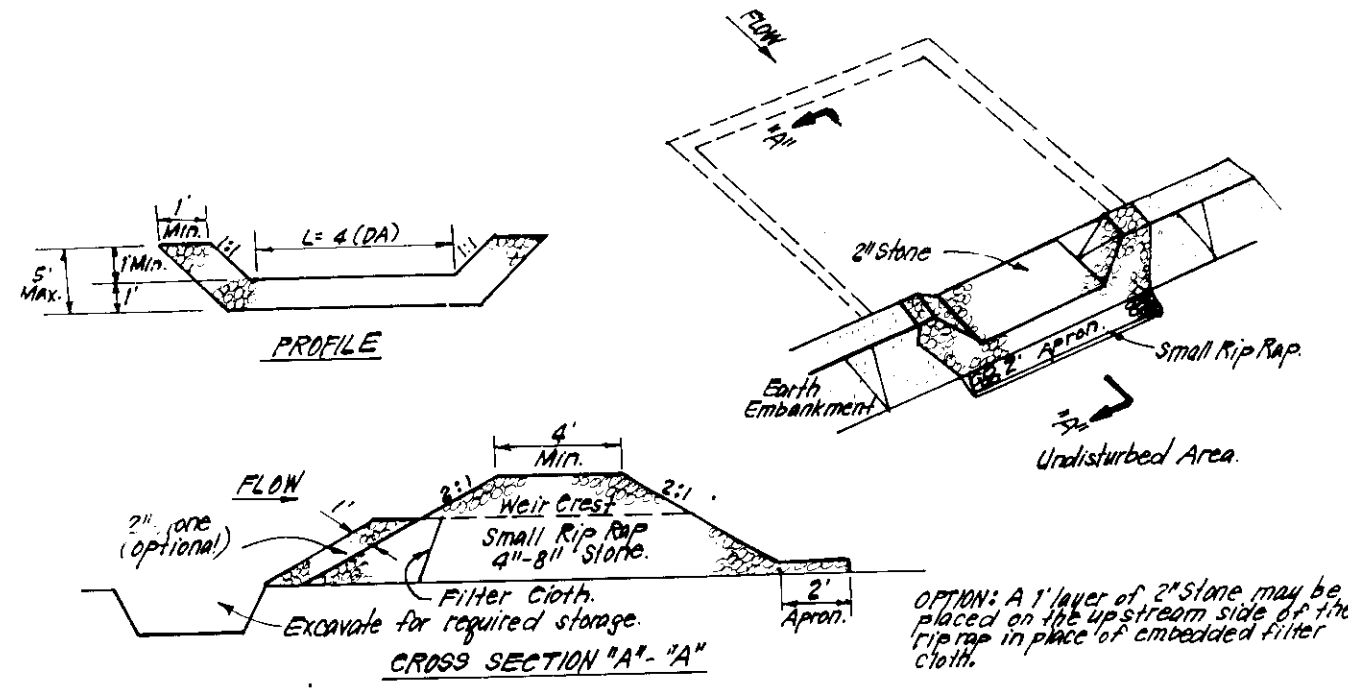
| | | |
|--|--|----------|
| CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINISTREL WAY • COLUMBIA, MD 21041 • (410) 381-7513 • (410) 381-6800 • (410) 381-6800 | | |
| DESIGNED | SEDIMENT & EROSION CONTROL PLAN | SCALE |
| JLS | LOTS 352 THROUGH 367, 402 & 403 | 1" = 30' |
| DRAWN | MONTGOMERY MEADOWS | DRAWING |
| MCR | SECTION 1 AREA 7 | 40F5 |
| CHECKED | 1ST ELECTION DISTRICT | JOB NO. |
| JLS | HOWARD COUNTY MARYLAND | 03 208 |
| DATE | FOR N.V. HOMES, INC. | FILE NO. |
| | 355 QUINCE ORCHARD RD #240 | 03 208 |
| | GAITHERSBURG, MD 20878 | |

SIP 9A-73



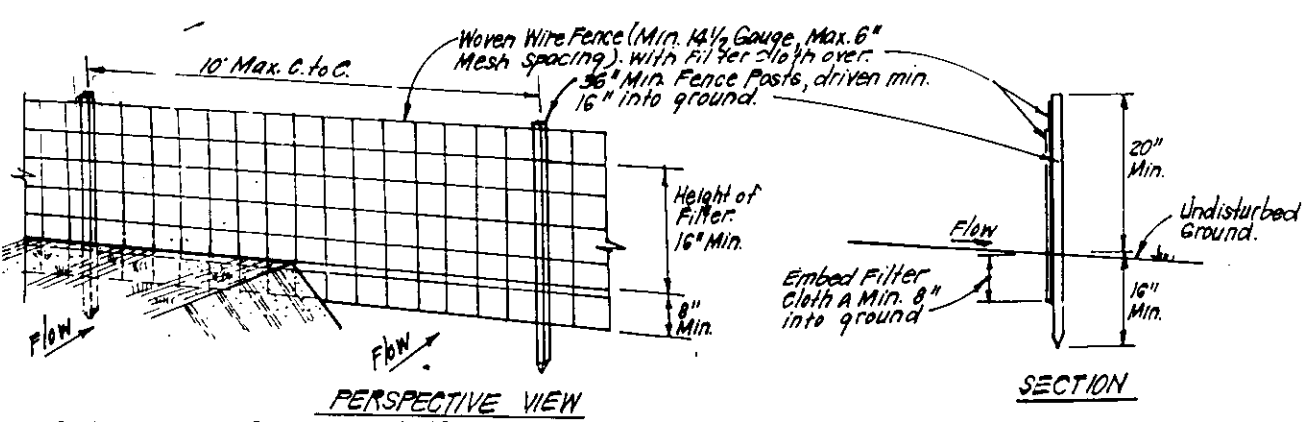
- CONSTRUCTION SPECIFICATIONS:**
- Stone size - Use 2" stone, or rounded or crushed concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a simple residence lot where a 30 foot minimum length would apply).
 - Thickness - Not less than six (6) inches.
 - Width - Ten (10) feet 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 simple family residence lot.
 - Surface Water - All surface water flowing over the entrance toward construction entrances shall be piped across the entrance. If piping is impractical, a mouthable berm with 5' slopes will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or blowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repairs used for closure of any measures used to trap sediment. All sediment applied, dragged, washed or tracked onto public rights-of-way must be removed immediately.
 - Washing - Vehicles 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 device.
 - Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE SEE NO SCALE



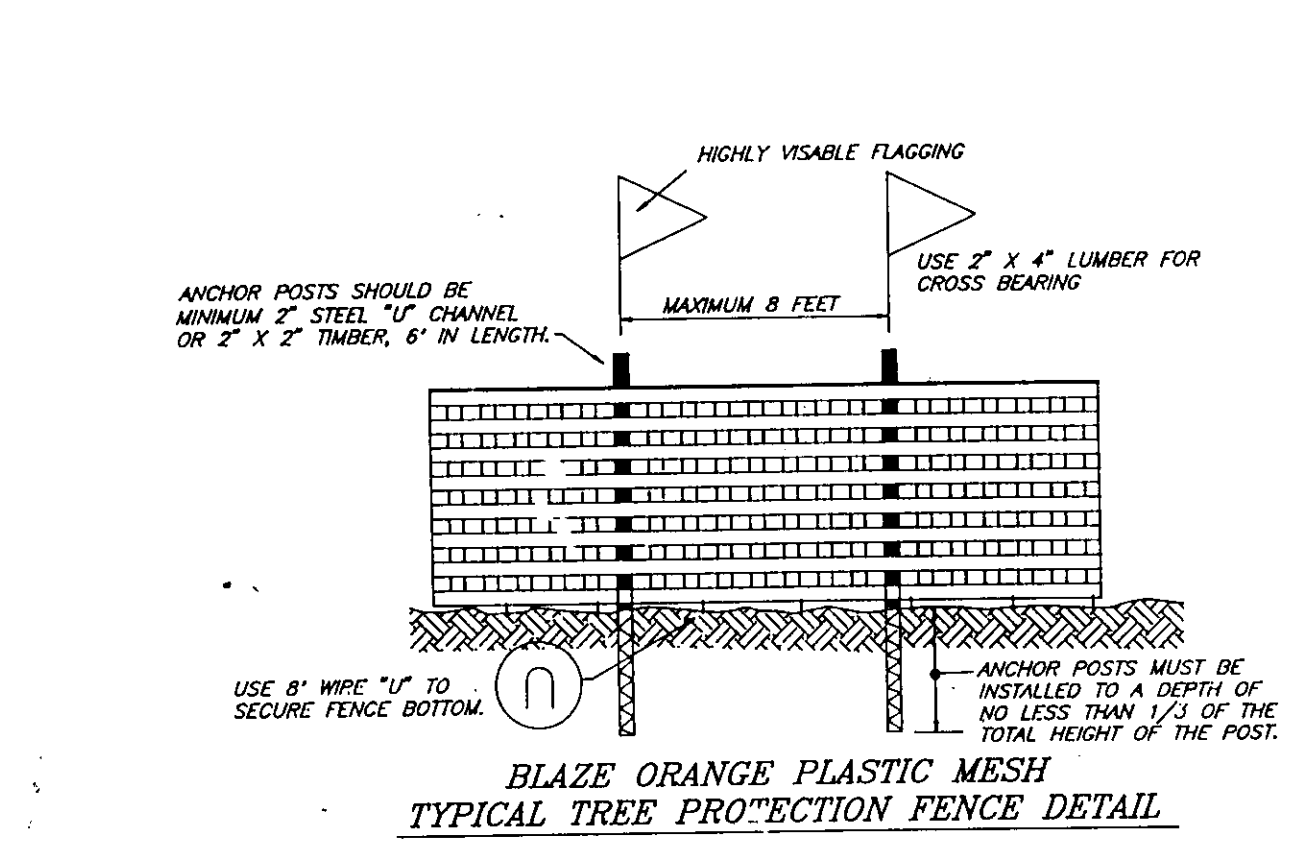
- CONSTRUCTION SPECIFICATIONS:**
- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The top area shall be cleared.
 - The fill material for the embankment shall be free of roots and other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed. Maximum height of embankment shall be five (5) feet, measured at centerline of embankment.
 - Filter cloth shall be placed over the bottom and side of the outlet channel first. Fabric must overlap at least one (1) foot with section nearest the entrance placed on top.
 - Stone used in the outlet shall be four (4) to eight (8) inches (riprap). To provide a filtering effect, a layer of filter cloth shall be embedded one (1) foot back into the upstream face of the outlet stone or a one (1) foot thick layer of two (2) inch or finer aggregate shall be placed on the upstream face of the outlet.
 - Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
 - The structure shall be inspected after each rain and repaired as needed.
 - Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
 - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP (S.O.S.T.) ST-VI NO SCALE



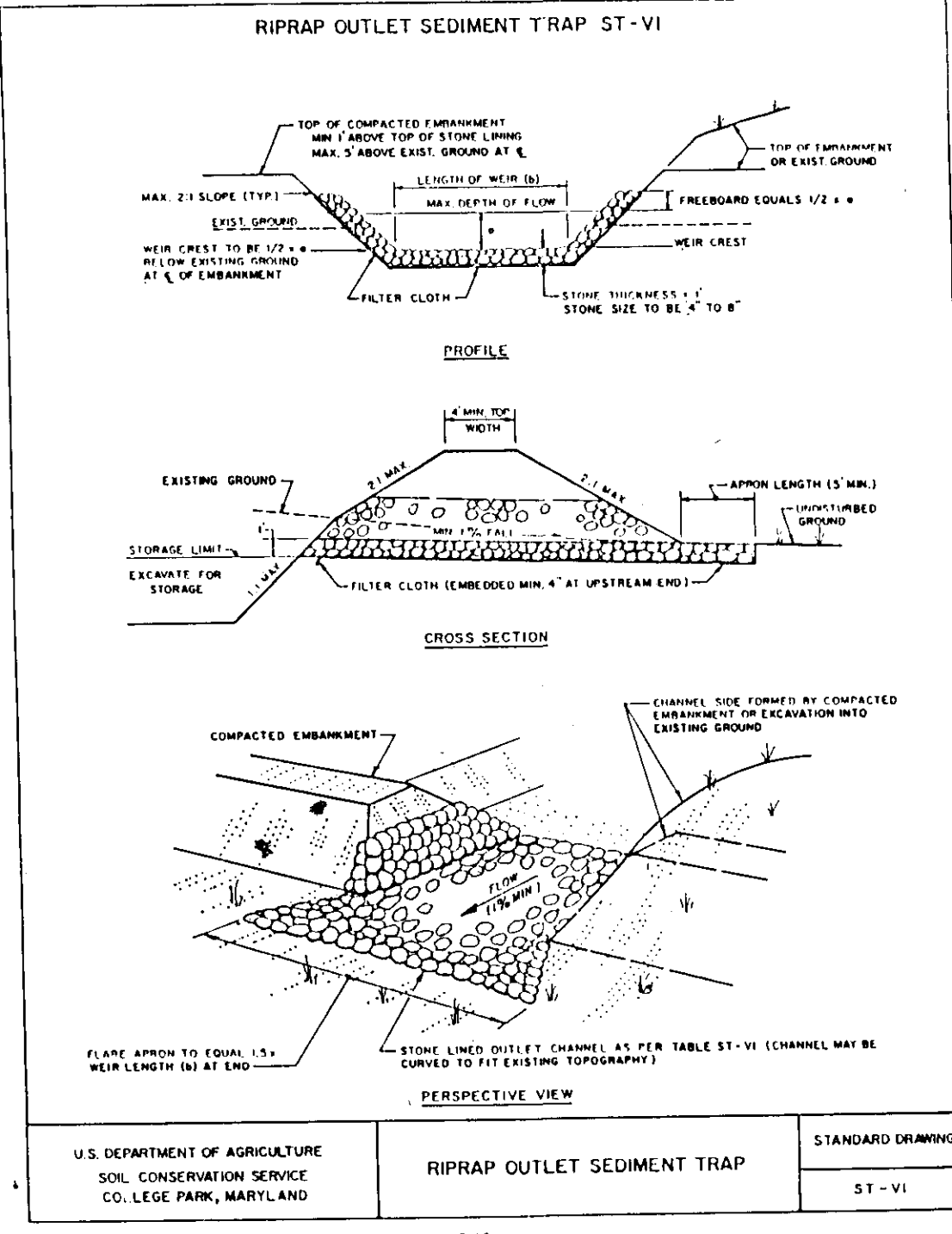
- CONSTRUCTION SPECIFICATIONS:**
- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
 - Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
 - When 2 sections of filter cloth adjoin each other they shall be fastened to post and filter cloth.
 - Maintenance shall be performed as needed and material removed when "pulses" develop in Silt Fence.

SILT FENCE DETAIL (S) NO SCALE



- CONSTRUCTION SPECIFICATIONS:**
- Forest protection device only.
 - Retention area will be set as part of the review process.
 - Boundaries of retention area should be staked and flagged prior to installing device.
 - Root damage should be avoided.
 - Protection signage may also be used.
 - Device should be maintained throughout construction.

BLAZE ORANGE PLASTIC MESH TYPICAL TREE PROTECTION FENCE DETAIL NO SCALE



RIPRAP OUTLET SEDIMENT TRAP ST-VI

- The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The top area shall be cleared.
- The fill material for the embankment shall be free of roots or other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed. Maximum height of embankment shall be five (5) feet, measured at centerline of embankment.
- All fill slopes shall be 2:1 or flatter; cut slopes 1:1 or flatter.
- Elevation of the top of any dike directing water into trap must equal or exceed the height of embankment.
- Storage area provided shall be figured by computing the volume available behind the outlet channel up to an elevation of one (1) foot below the level weir crest.
- Filter cloth shall be placed over the bottom and side of the outlet channel first. Fabric must overlap at least one (1) foot with section nearest the entrance placed on top.
- Stone used in the outlet channel shall be four (4) to eight (8) inches (riprap). To provide a filtering effect, a layer of filter cloth shall be embedded one (1) foot back into the upstream face of the outlet stone or a one (1) foot thick layer of two (2) inch or finer aggregate shall be placed on the upstream face of the outlet.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
- The structure shall be inspected after each rain and repaired as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
- The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
- Drainage area for this practice is limited to 15 acres or less.

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, disking or other acceptable means before seeding, if not previously loosened.
- SOIL AMENDMENTS:** In lieu of soil test recommendations, use one of the following schedules:
- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs./100 sqft.) and 600 lbs per acre 10-10-10 fertilizer (14 lbs./1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil. At the time of seeding, apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs./1000 sq.ft.)
 - 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 three inches of soil.

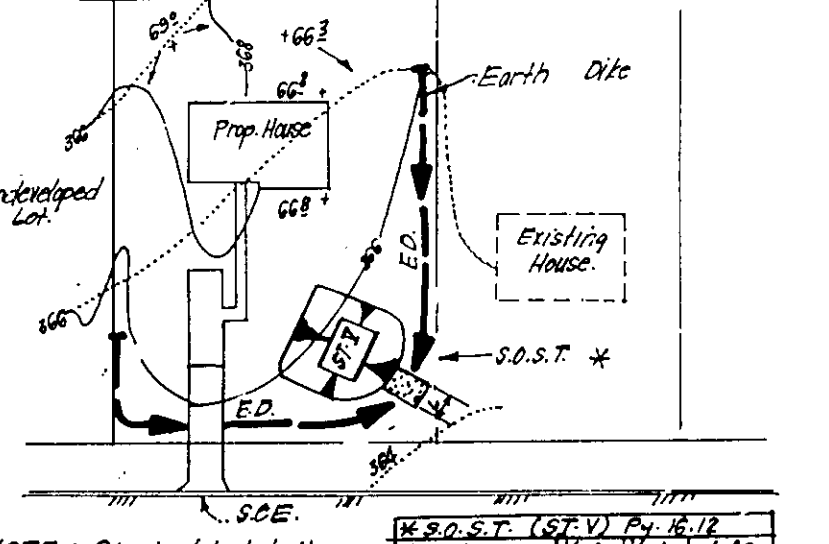
- SEEDING:** For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs./1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs./1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre 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 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 (9 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (9 gal/1000 sq ft) for anchoring.

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

TEMPORARY SEEDING NOTES

- SEEDBED PREPARATION:** Loosen upper three inches of soil by raking, disking, or other acceptable means before seeding, if not previously loosened.
- SOIL AMENDMENTS:** Apply 600 lbs per acre 10-10-10 fertilizer (14lbs/1000 sq ft).
- SEEDING:** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 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 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 (9 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (9 gal/1000 sq ft) for anchoring.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR MATERIALS NOT COVERED.



SINGLE LOT SEDIMENT CONTROL PLAN NO SCALE

SEDIMENT AND EROSION CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (319-1885)
 - All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1. b) 14 days as to all other disturbed or graded areas on the project site.
 - All sediment traps/basins shown must be fenced and warning signs posted around their perimeters in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
 - All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec.51) and (Sec.54), temporary seeding (Sec.50) and mulching (Sec.52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
 - All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
 - SITE ANALYSIS:**
Total Area of Site: 6.60 Ac.
Area Disturbed: 6.63 Ac.
Area to be roofed or paved: 1.91 Ac.
Area to be vegetatively stabilized: 4.32 Ac.
Total: 13.46 Ac.
Offsite Waste/Borrow Area Location: _____
 - Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
 - Additional sediment control must be provided, if deemed necessary by the Howard County DPW Sediment Control Inspector.
 - 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 earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
 - All pipes to be blocked at the end of each day (see detail in this sheet).
 - The total amount of silt fence = 600 LF.
- * It is the responsibility of the contractor to identify the spoil/borrow site and notify and gain approval from the sediment control inspector of the site and it's grading permit number at the time of construction.

| CONSTRUCTION SEQUENCE: | NO. OF DAYS |
|--|-------------|
| 1. Obtain grading permit | 7 |
| 2. Install tree protection fence | 0 |
| 3. Install sediment and erosion control devices and stabilize. | 7 |
| 4. Excavate for foundations, rough grade and temporarily stabilize. | 20 |
| 5. Construct structures, sidewalks and driveways. | 100 |
| 6. Final grade and stabilize in accordance with Stds. and Specs. | 30 |
| 7. Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize. | 30 |

* Delay construction of houses on lots 362 & 357. See single lot sediment control detail, this sheet.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER: _____ DATE: _____

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

DIRECTOR: *James J. ...* DATE: 4/12/94

CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH: *JA* DATE: 4/7/94

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC WORKS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR: *James J. ...* DATE: 3/31/94

CHIEF BUREAU OF ENGINEERING: *...* DATE: 3/30/94

DEVELOPER'S/BUILDER'S CERTIFICATE

I, *Howard S.C.D.*, S.C.D. name *Howard S.C.D.* and accept Technical Requirements of the US Soil Conservation Service.

Signature: *Howard S.C.D.* Date: 3/28/94

ENGINEER'S CERTIFICATE

I, *Clark F. ...*, hereby 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 County Sediment Control District or their authorized agents, as are deemed necessary.

Signature: *Clark F. ...* Date: 4/7/94

STATE OF MARYLAND

DESIGNED: *J.L.S.* DATE: 1-5-94

DRAWN: *R.M.T.* DATE: 1-5-94

CHECKED: *J.L.S.* DATE: 1-5-94

DATE: 12/9/93

CLARK • FINEPROCK & SACKETT, INC.

ENGINEERS • PLANNERS • SURVEYORS

7135 MINNISTREL WAY • COLUMBIA, MD 21045 • (410) 351-7500 • BALTO • (301) 621-2100 • WASH DC

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SEDIMENT & EROSION CONTROL PLAN

LOTS 352 THROUGH 367, 402 & 403

MONTGOMERY MEADOWS

SECTION 1 AREA

1ST ELECTION DISTRICT

HOWARD COUNTY MARYLAND

FOR: *N.V. HOMES, INC.* 555 QUINCE ORCHARD RD #240 GAITHERSBURG, MD 20878

SCALE: 1" = 30'

DRAWING: 5 OF 5

JOB NO: 93-208

FILE NO: 93-208 SE

SDP-94-73