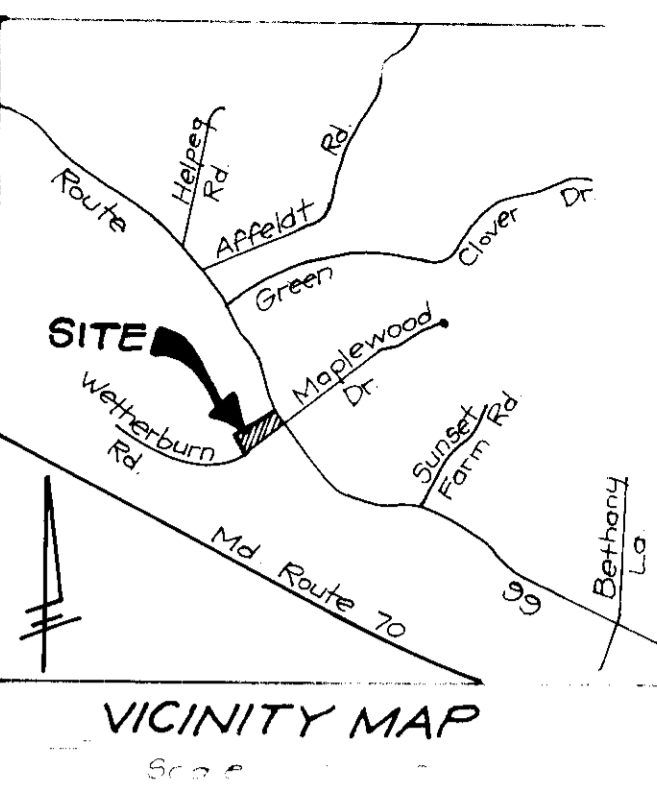


**SPECIAL NOTES**

1. Road Construction, Storm Drainage Facilities and Public Water and Sewer are shown for reference only. Use approved Howard County plans for all phases of construction.

**GENERAL NOTES**

1. Subject property zoned R-20.05 per B-2-85 Comprehensive Zoning Plan.
2. The coordinates shown here are based on the Maryland State Grid System and are from the Primary Howard County Control Station 34400001 and 34400002.
3. All roadways are shown on a 100-foot wide right-of-way.
4. Total area included in this subdivision: 59,054 sq ft 1.3557 Ac.
5. Total number of lots: 4.
6. Any damage to existing structures or utilities shall be corrected at the Developer's expense.
7. Maximum lot coverage is 30%.
8. Reference plans: S-88-103, P-89-18 and P-89-126.
9. The Contractor/Developer shall contact the Contractor/Developer Surveyor/Engineer, 24 hours in advance of commencement of work at 792-2640.
10. The existing topographic survey was taken from Road Construction Plans prepared by Fisher, Collins and Carter, F-89-126.
11. Storm Water Management is provided for by F-89-126.
12. All work shall be done in accordance with Howard County Design Manual, Volume IX, Standards, Specifications and Details for Construction, 1989 amendments.



**LEGEND**

- Contour Interval: 2 FT
- Existing Contour: 40'
- Proposed Contour: 40'
- Spot Elevation: 40.0'
- Utility: 12" Storm Sewer
- Walk out Basement: 20'

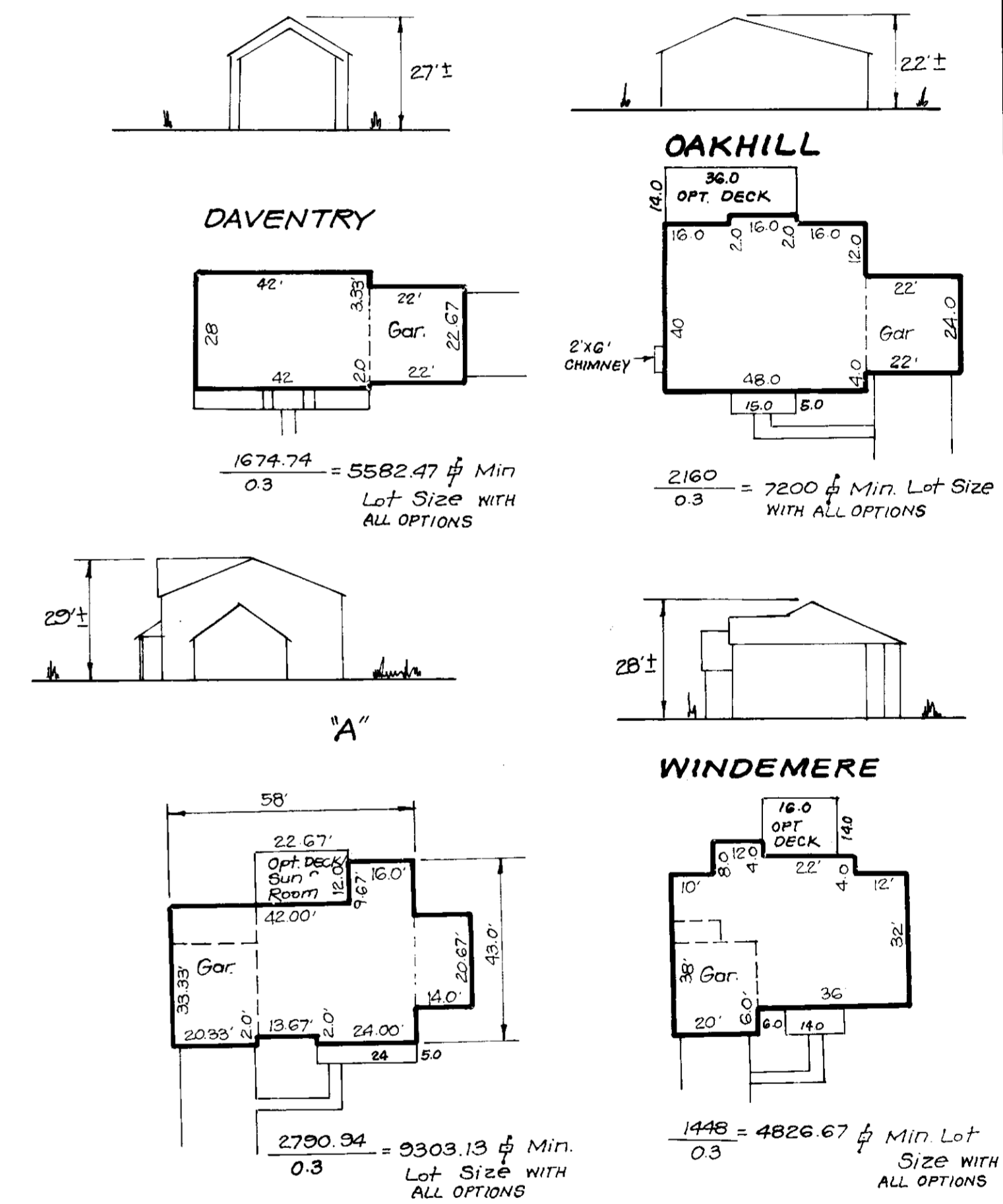
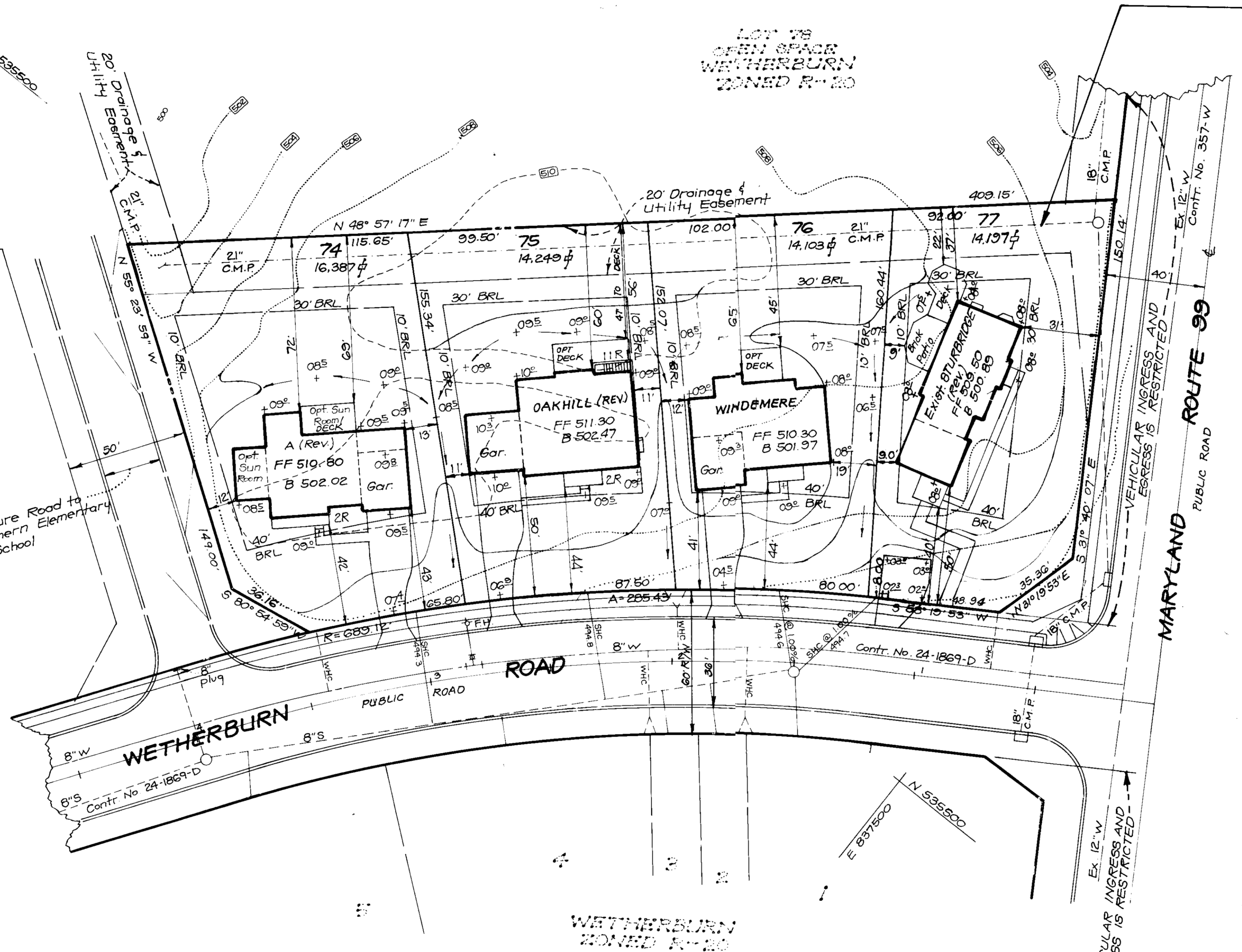
**NOTE:** The existing house shown on lot 77 was field located by CLARK, FINEFROCK & SACKETT, INC. on August 28, 1991 and approved by Howard Co. Administrative Adjustment Case No. A.A. 91-18 dated 10-16-91.

**ADDRESS CHART**

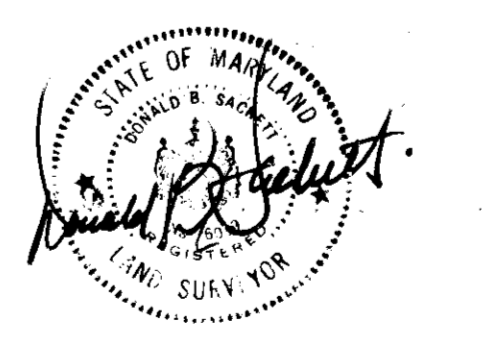
LOT No.	STREET ADDRESS
74	10212 WETHERBURN ROAD
75	10208 " "
76	10204 " "
77	10200 " "

**REVISIONS**

No.	REVISIONS	Date
1	Rev. hse and grd lot 77 to reflect existing conditions	10-29-91



**APPROVED**  
DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
HOWARD COUNTY, MARYLAND  
DATE: **6-8-89**  
JA



OWNER / DEVELOPER  
PEDDICORO JOINT VENTURE 96  
Land Design & Development, Inc.  
8307 Main Street  
Ellicott City, Maryland 21043

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS**  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE: 7-24-89

**APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING**  
DATE: 8/15/89

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS**  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE: 7/18/89

DATE: **6-8-89** JA

**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS

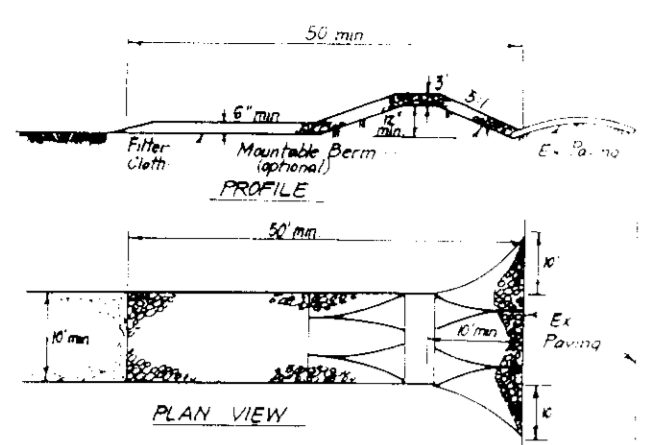
**WETHERBURN**  
74 thru 77  
8661 7 R-20 17 2ND 6021  
H05 5991000

**DESIGNED: JME**  
**DRAWN: BAL**  
**CHECKED: JME**

**SITE DEVELOPMENT PLAN**  
LOTS 74 thru 77  
**WETHERBURN**  
SINGLE FAMILY DENSITY  
2ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

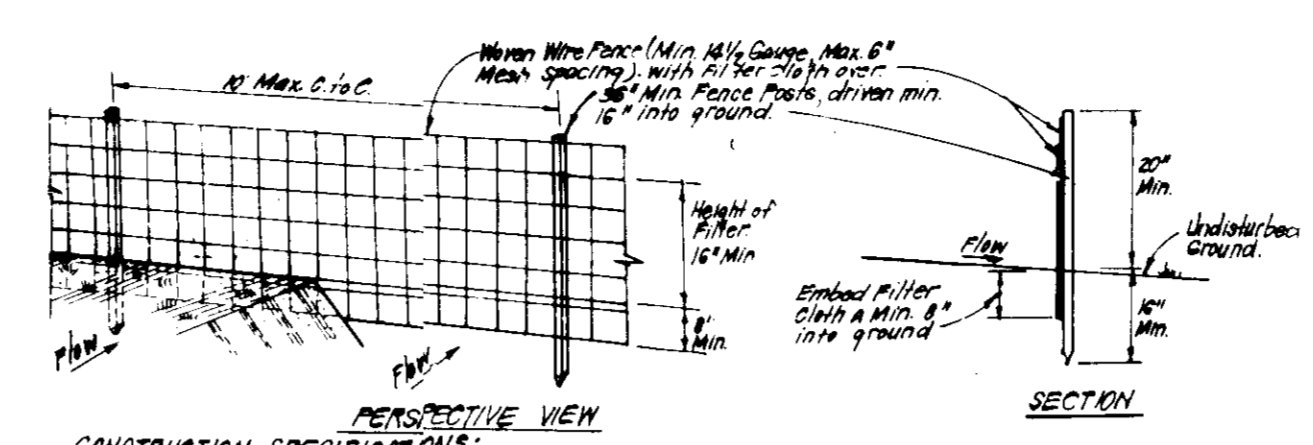
DATE: May 1989

FOR: WETHERBURN BUILDERS  
7135 Minstrel Way  
Columbia, Maryland 21045



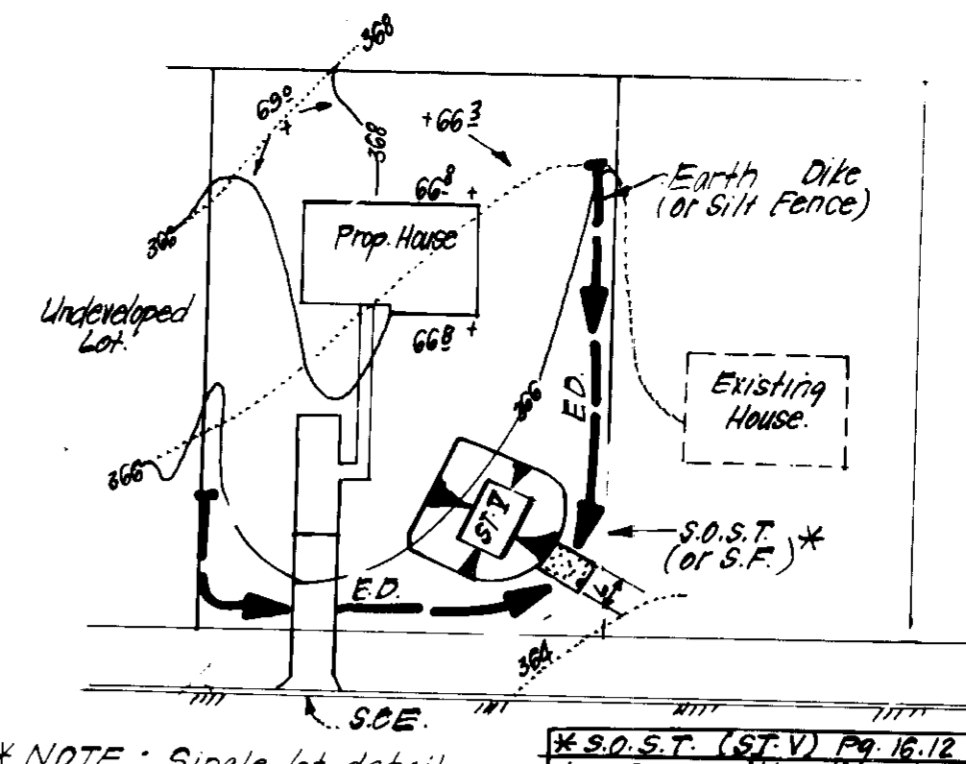
- CONSTRUCTION SPECIFICATIONS:**
- Stone Size: Use 2" stone or equivalent in required concrete foundation.
  - Length: 40 feet minimum, but not less than 15 feet. Extension to single residence of where a 30' feet minimum length would apply.
  - Thickness: Not less than 6" inches.
  - Width: Top 18" feet minimum, but not less than 12" inches at corners where ingress or egress occurs.
  - Filter Cloth: Will be placed over the entire area or top of bedding of stone. Filter will not be required on a slope having a maximum of 1:1.
  - Surface Water: All surface water flowing or diverted from construction entrance shall be trapped across the entrance. If surface water is to be side drain with 3" slopes will be permitted.
  - Maintenance: The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment into public rights of way. This may require periodic cleaning of the filter cloth using a high pressure hose and water. Any or all of any measures used to trap sediment shall be removed or replaced as needed and material removed when it is no longer effective in trapping sediment.
  - Trapping Device: The entrance shall be equipped with a sediment trapping device.
  - Inspection and Record Maintenance: shall be provided after each rain.

**STABILIZED CONSTRUCTION ENTRANCE (SCE)**  
NO SCALE



- RESPECTIVE VIEW**
- 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 36" at top and mid sections.
  - When 2 sections of filter cloth are used each shall be overlapped by 6" and fastened.
  - Maintenance shall be performed as needed and material removed when it is no longer effective in trapping sediment.
- POSTS:** Steel, either T or U Type or 2" diameter wood.
- FENCE:** Woven Wire, 1/4" Gauge, 6" Max. Mesh Opening.
- FILTER CLOTH:** Filter Cloth, 100% 200 Mesh, 1/2" Min. or Greater, 1/2" Min. or Greater, 1/2" Min. or Greater.
- PREFABRICATED UNIT:** See Notes, Dimensions, or Approval equal.

**SILT FENCE DETAIL (S)**  
NO SCALE



\* NOTE: Single lot detail can not be utilized if any two lots sharing common property lines are to be disturbed at the same time or on any lots showing a sediment trap.

**SINGLE LOT SEDIMENT CONTROL PLAN**  
NO SCALE

NO.	DESCRIPTION	AREA	PERCENT	TOTAL
1	Disturbed Area	1.955	100%	1.955
2	Area to be roofed or paved	0.32	16%	0.32
3	Area to be vegetatively stabilized	0.68	34%	0.68
4	Total Cut	2231	100%	2231
5	Total Fill	227	10%	227
6	Offsite waste/borrow area location	N/A		



**VICINITY MAP**  
Scale 1" = 200'

- LEGEND**
- Contour Interval: 2 FT
  - Existing Contour: ---
  - Proposed Contour: - - -
  - Spot Elevation: +10%
  - Director of Drainage: ---
  - Walk out Basement: ---
  - Silt Fence: ---
  - Stabilized Construction Entrance: SCE

**SEDIMENT CONTROL NOTES**

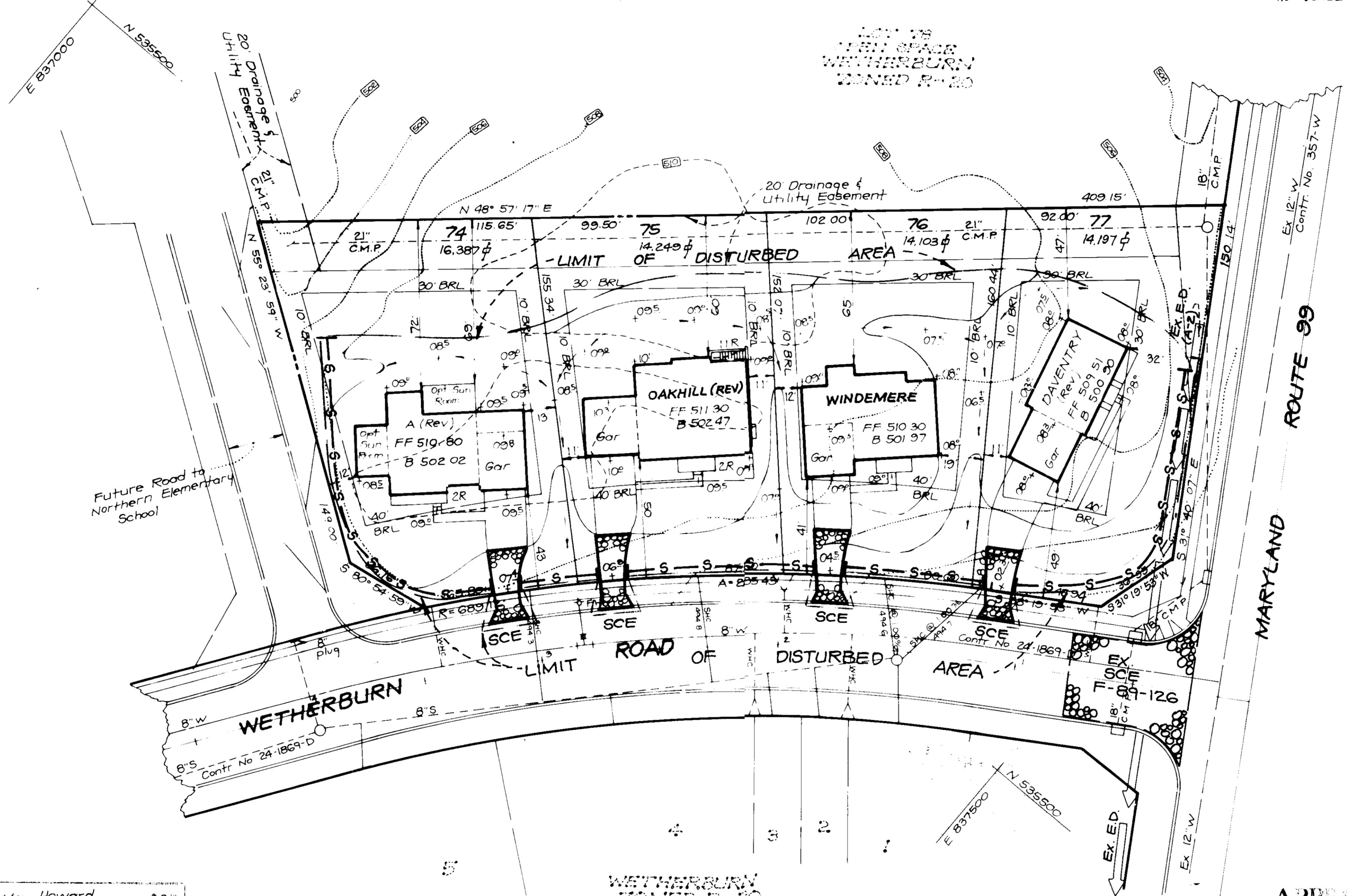
- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, but 15 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 perimeter 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 seeding (Sec. 31) and temporary seeding (Sec. 32) and mulching (Sec. 32). Temporary stabilization with mulch alone can only be done when recommended seeding rates 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	1.955 Acres
Area Disturbed	1.955 Acres
Area to be roofed or paved	0.32 Acres
Area to be vegetatively stabilized	0.68 Acres
Total Cut	2231 Cu. Yds
Total Fill	227 Cu. Yds
Offsite waste/borrow area location	N/A
- 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 DWM 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.
- If houses are to be constructed on an "As-Built" basis, at a minimum, Single Lot Sediment Control as shown below shall be implemented.
- All pipes to be blocked at the end of each day (see detail below).
- The total amount of straw bale dikes: silt fence equals 470' L.F.

**CONSTRUCTION SEQUENCE**

Activity	No. of Days
A. Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize	7
B. Excavate for foundations and rough grade & temporarily stabilize	30
C. Construct Structures, Sidewalks and Driveways	120
D. Final Grade and stabilize in accordance with Stds. & Specs.	30
E. Upon approval of the sediment control inspector, remove sediment and erosion controls and stabilize.	7

- 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/1000 sq ft) and 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. 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 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 15 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 seed. 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 (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.
- Maintenance** - Inspect all seeded areas and make needed repairs, replacements and reseedings.
- TEMPORARY SEEDING NOTES**
- Apply to graded or cleared areas likely to be redistributed where a short-term 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:** 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 1 thru November 15, seed with 24 bushels 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 seed.
- 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 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.



**APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.**  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE: 7-20-89

**APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING**  
DATE: 8/16/89

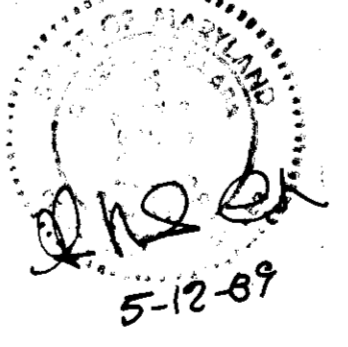
**APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.**  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE: 7/18/89

Reviewed for Howard County SCD  
Sandra M. Wilson  
5/15/89

Approved: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed for Howard County SCD  
Christina A. Richards  
5-12-89

Approved: \_\_\_\_\_ Date: 5-12-89  
G. Nelson Clark



**APPROVED**  
DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
HOWARD COUNTY, MARYLAND  
DATE: \_\_\_\_\_

OWNER / DEVELOPER  
PEDDICORD JOINT VENTURE %  
Land Design & Development, Inc.  
8307 Main Street  
Ellicott City, Maryland 21043

**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 981-7500 • BALTO • (410) 326-1000 • WASH

**DESIGNED: KIWM**  
**DRAWN: BAL**  
**CHECKED: KIWM**  
**DATE: May 1989**

**SEDIMENT & EROSION CONTROL PLAN**  
LOTS 74 THRU 77  
**WETHERBURN**  
SINGLE FAMILY DENSITY  
2ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

**SCALE: 1" = 30'**  
**DRAWING: 2 OF 2**  
**JOB NO: 89-051**  
**FILE NO: 89-0515E**

FOR: WETHERBURN BUILDERS  
7135 Minstrel Way  
Columbia, Maryland 21045

85 P 89-226