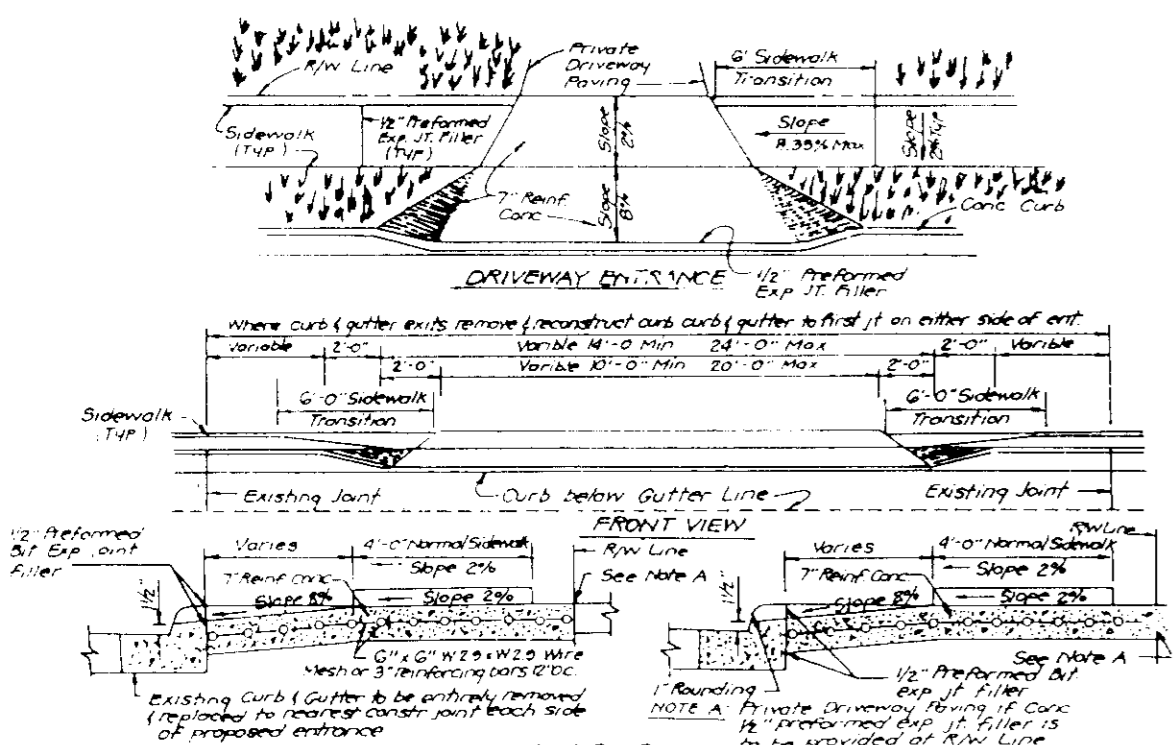
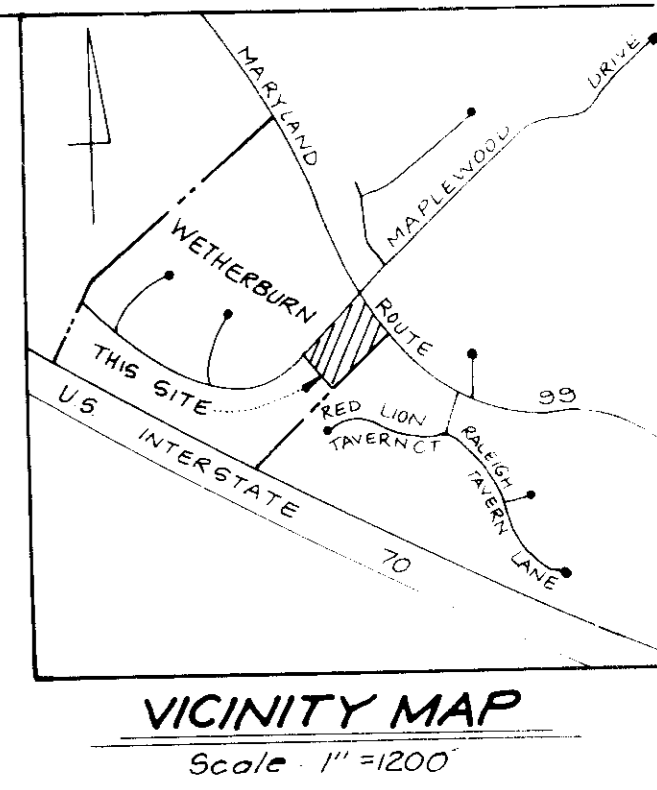
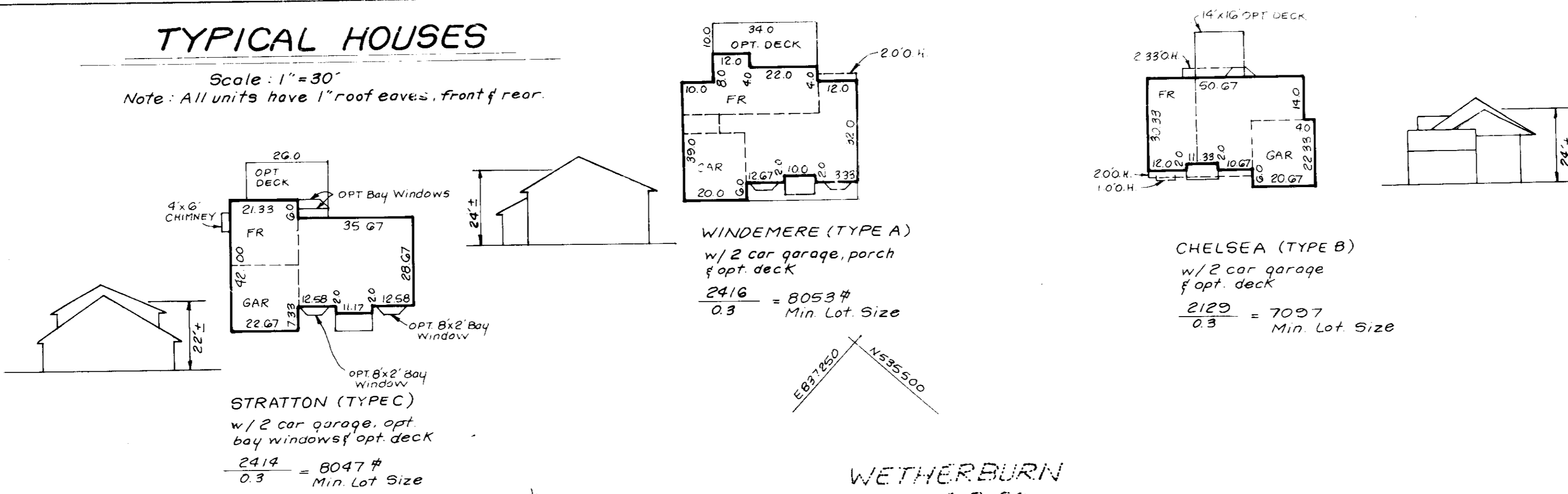


TYPICAL HOUSES

Scale: 1"=30'
Note: All units have 1" roof eaves, front & rear.



DRIVEWAY ABUTTING CLOSED SECTION WITH STD 7" COMB. CURB & GUTTER & SIDEWALK SET BACK FROM CURB



LEGEND

- Contour Interval 2 FT
- Existing Contour 410
- Proposed Contour 410
- Spot Elevation +102
- Direction of Drainage
- Walk out Basement
- Trees to be Saved

65 dBA Contour
65 dBA Contour w/ 5' Berm

GENERAL NOTES

1. Subject property zoned R-20 as per B-2-85 comprehensive zoning plan.
2. All coordinates hereon are based on the Maryland State Grid System.
3. The coordinates originated with Howard County Control Stations: 3440001 and 344002.
4. For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipe stem and road right-of-way line and not the flag or pipestem lot driveway.
5. Total number of lots: 7
6. Topography taken from Road Construction plans by Fischer, Collins & Carter Inc.
7. Maximum lot coverage allowed is 30%.
8. All roads are public and existing.
9. Total area of site: 2.748 Acres
10. Reference File No's 588-103, P 89-18 F 89-126

SPECIAL NOTES

1. All Road Construction, Storm Drainage facilities and Public water and sewer are shown for reference only. Use approved Ho Co. plans for all phases of construction.
2. Stormwater Management provided for by F-89-126.

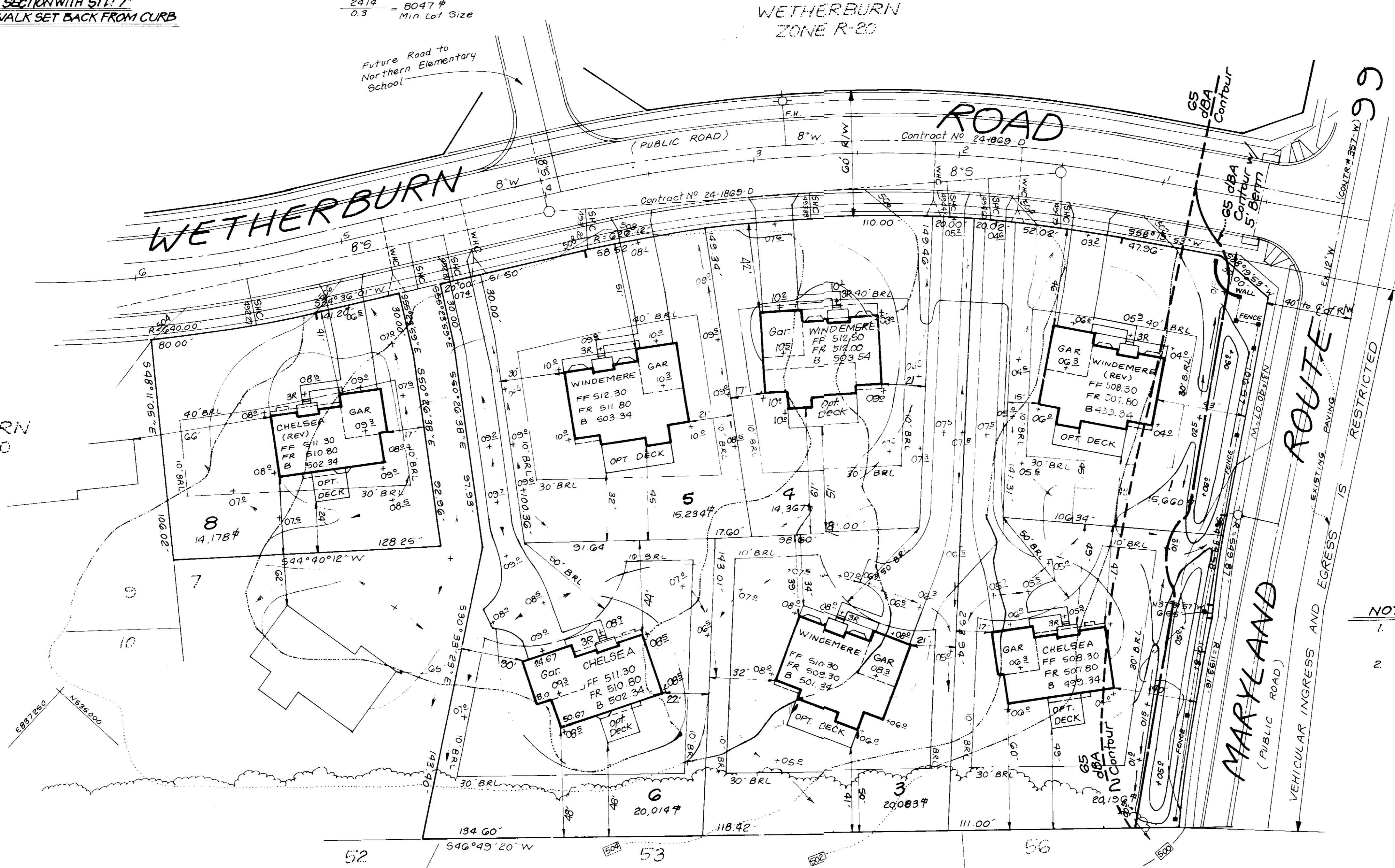
- NOTE:**
1. White pines are to be planted along berm as per Ho. Co. new guide lines.
 2. Incorporate plan fence and landscaping into new berm design.

ADDRESS CHART

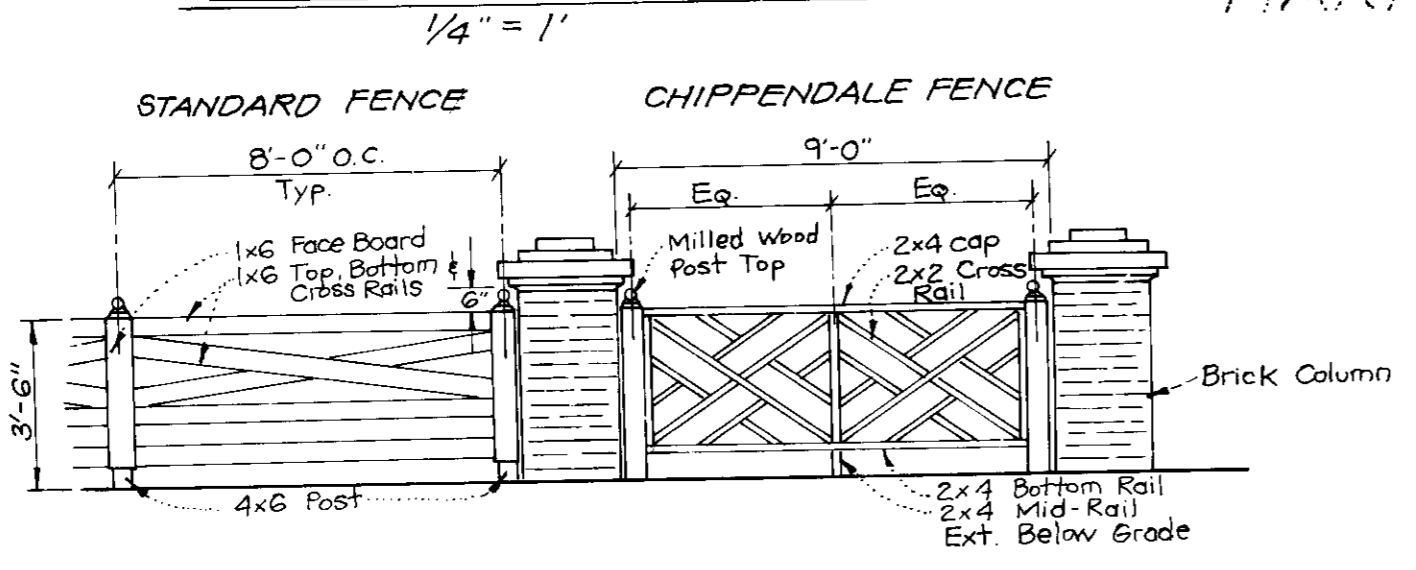
LOT	STREET ADDRESS
1	10201 WETHERBURN ROAD
2	10205
3	10209
4	10213
5	10215
6	10221
8	10229

OWNER AND DEVELOPER
PEDICORD JOINT VENTURE
90 LAND DESIGN AND DEVELOPMENT, INC
8307 MAIN STREET
ELICOTT CITY, MARYLAND 21043

Subdivision Name	Wetherburn	Sec't	Area	Lots	1-G 8
Plot No	8662	Block No	7	Zone	R-20
Water Code	H05	Tax/Map No	17	Elec Dist	2
		Sewer Code		Census Tr	6022



FENCE DETAIL



MARKET SQUARE SOUTH
PLAT NO. 6635
ZONE R-20

NO	REV. HSE. AND ORD LOTS 4 FC	DATE
1	Rev. hse. and ord lots 4 fc	7-16-91
2	REVISIONS	

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

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

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

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

7135 MINISTREL WAY • COLUMBIA MD 21045 • (301) 981-7500 BALTO • (410) 321-1100 W.A. 97

SITE DEVELOPMENT PLAN
LOTS 1 thru 6 & 8

WETHERBURN
2nd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

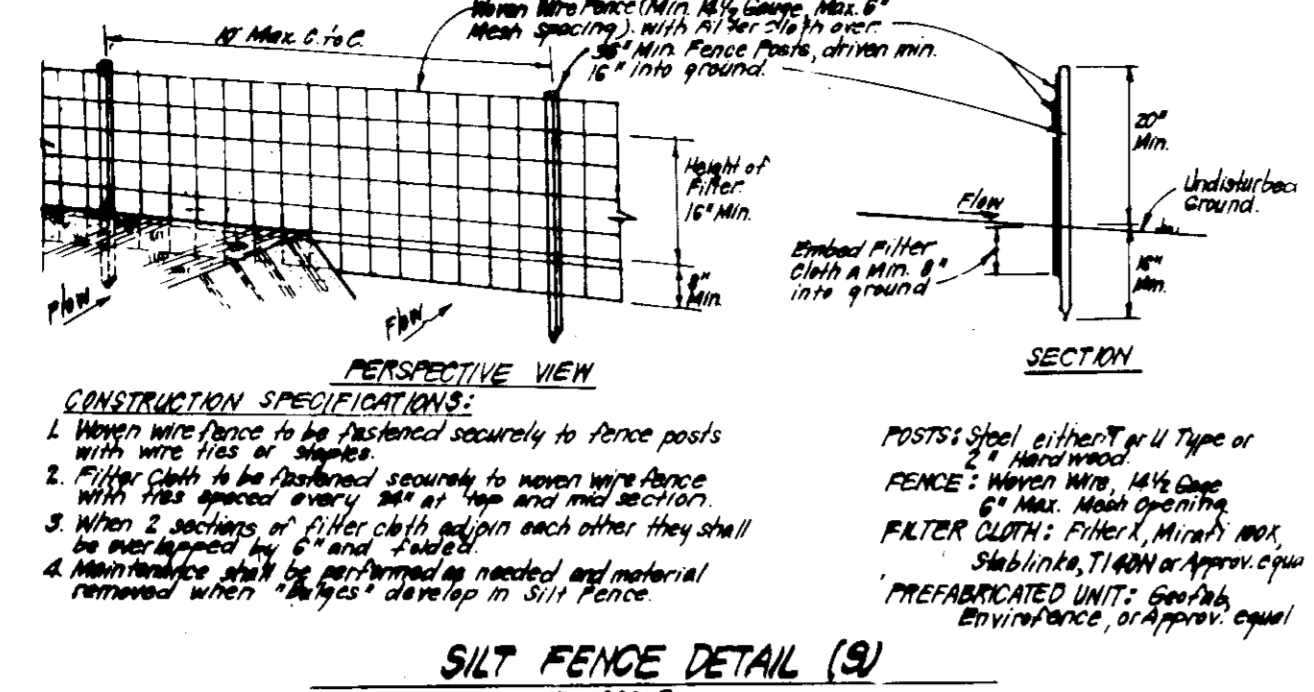
DESIGNED: JME
DRAWN: BAR
CHECKED: JME
DATE: June 1989

SCALE: 1"=30'
DRAWING: 1 of 2
JOB NO: 89-071
FILE NO: 89-071X

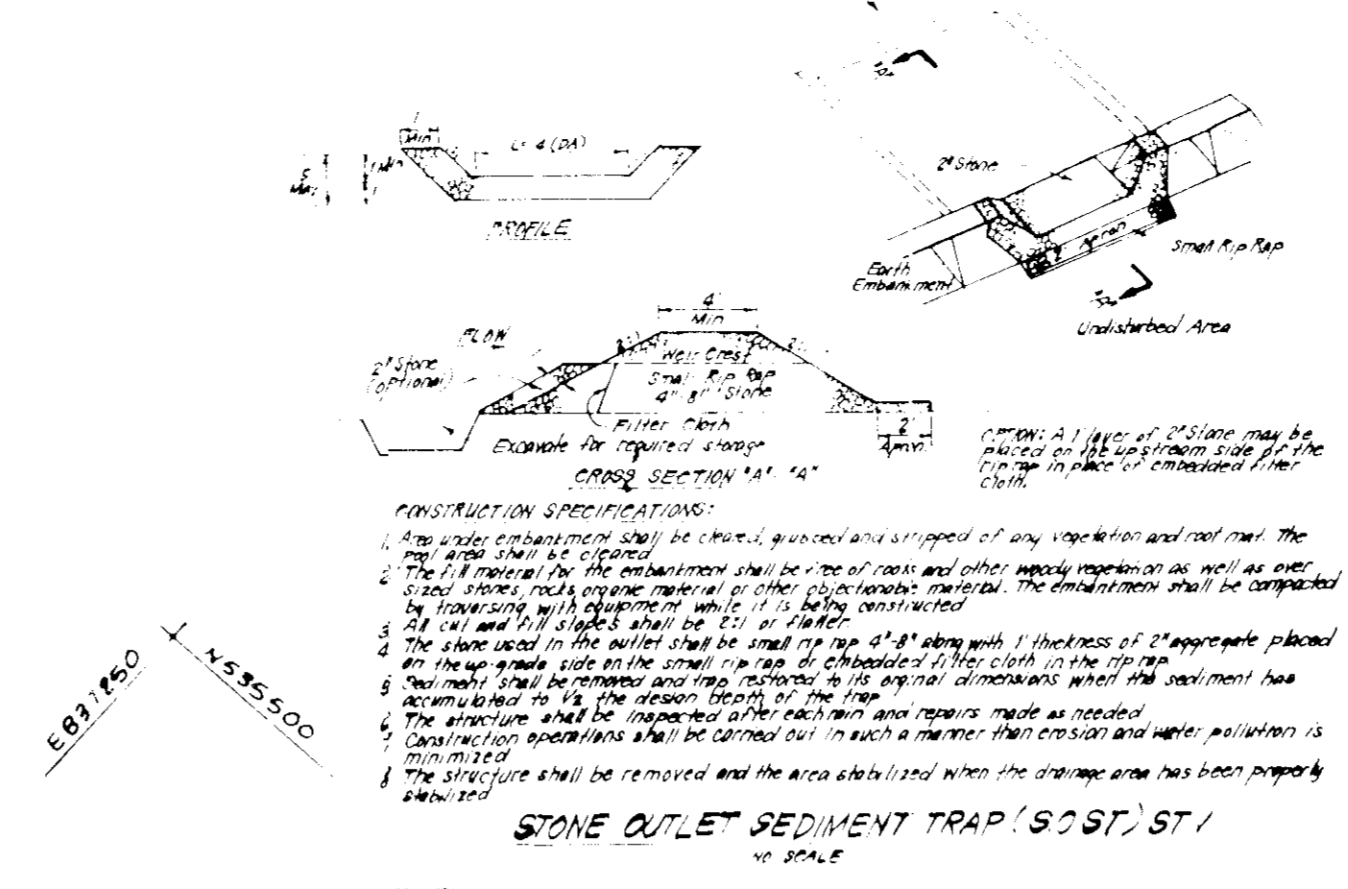
SDP 89

PERMITS CONTROL SYSTEM

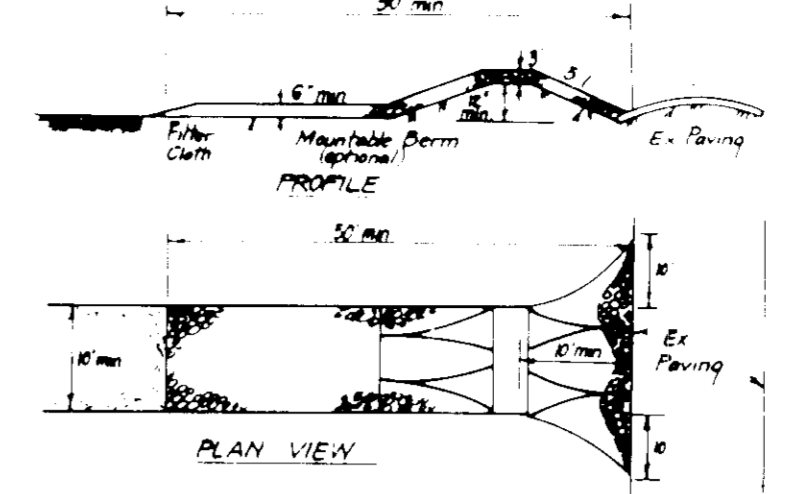
- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within 3) 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.
- 4) 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.
- 5) 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. 31) and (Sec. 34), temporary seedings (Sec. 30) 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.
- 6) 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.
- 7) Site Analysis:
 - Total Area of Site: 2.748 Acres
 - Area Disturbed: 2.65 Acres
 - Area to be roofed or paved: 0.67 Acres
 - Area to be vegetatively stabilized: 1.78 Acres
 - Total Cut: 1232.9 Cu. Yds
 - Total Fill: 5228.8 Cu. Yds
 - Offsite waste/borrow area location: N/A
- 8) Any sediment control practice which is disturbed by grading activity the placement of utilities must be repaired on the same day of disturbance.
- 9) Additional sediment control must be provided, if deemed necessary by the Howard County 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 earth disturbance or grading. Other building or grading activities may not be authorized until this initial approval by the inspection agency is made.
- 11) If houses are to be constructed on an "As-Built" basis, at Foundation, Final Sediment Control at above shall be implemented.
- 12) All pipes to be blocked at the end of each day (see detail below): N/A
- 13) The total amount of straw bale dikes/silt fence equal 300' L.F.



SILT FENCE DETAIL (S)
NO SCALE

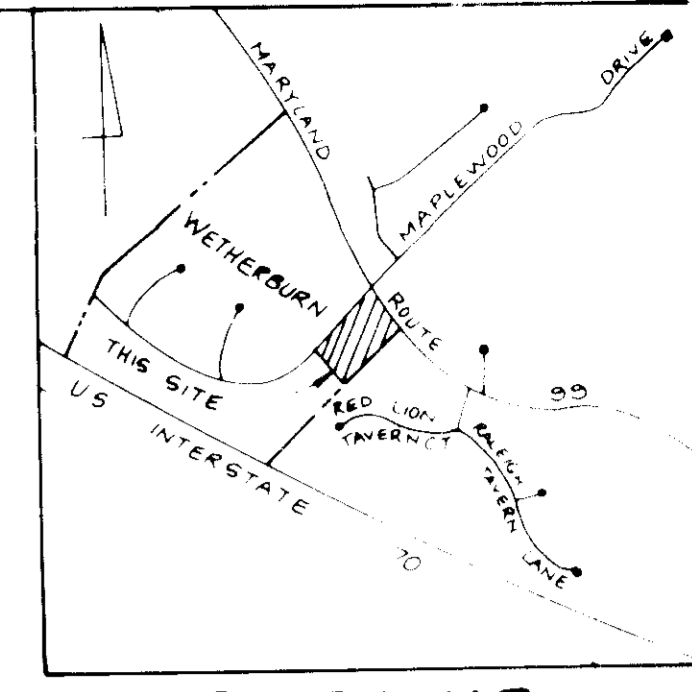


STONE OUTLET SEDIMENT TRAP (SOST) ST-1
NO SCALE



- CONSTRUCTION SPECIFICATIONS**
1. Stone Size - Use 2" stone or equivalent concrete equivalent
 2. Length - As required, but not less than 50 feet (except on simple residence or 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 of points where ingress or egress occurs
 5. 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
 6. Surface Water - All surface water flowing over the stone construction entrance shall be piped across the entrance. If piping is impractical, a runoff slope with 5:1 slopes will be permitted
 7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or blowing of sediment onto public rights of way. The maintenance periodic top dressing with the additional stone as needed shall be done and repair work or cleaning of the stone shall be done as needed
 8. Warning - Warning signs shall be placed at the entrance to the SCE
 9. Proactive Inspection and Maintenance - Proactive inspection and maintenance shall be provided after each rain

STABILIZED CONSTRUCTION ENTRANCE (SCE)
NO SCALE



VICINITY MAP
Scale 1" = 1200'

LEGEND

GS dBA Contour	Contour Interval	2 FT
GS dBA Contour w/5' Berm	Existing Contour	410
	Proposed Contour	410
	Spot Elevation	+10'
	Direction of Drainage	Walk out Basement Trees to be Saved
	Silt Fence	Earth Dike
	Stabilized Construction Entrance	Permanent Seeding Mats

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

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

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

- 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 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).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (14 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 (14 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 (.55 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 15 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated 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 feet or higher, use 108 gallons per acre (8 gal/1000 sq ft) for anchoring.

Maintenance - Inspect all seeded areas and make needed repairs, replanting and reseedings.

TEMPORARY SEEDING NOTES

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

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

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 25 bushel per acre of annual ryegrass (3.7 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: Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

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

CONSTRUCTION REQUIREMENTS

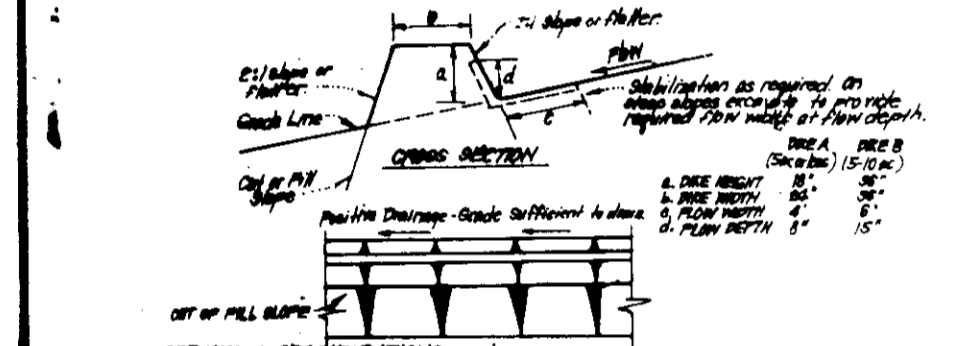
Requirement	No. of Days
A. Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize.	
B. Excavate for Foundations and Rough Grade & Temporary Stabilize.	30
C. Construct Structures, Sidewalks and Driveways.	120
D. Final Grade and Stabilize in accordance with this plan.	30
E. Final approval of the sediment control plan and removal of sediment control devices and stabilization.	

OWNER AND DEVELOPER
BILLYE M. CLARK
100 AND ORANGE HILL DEVELOPMENT IN
BETHESDA, MARYLAND 20814

Project Name	Wetherburn
Project No.	8662
Issue Date	7-20-89
Revision	H-05
Scale	5/8" = 1'-0"
Sheet No.	59/1000

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

DISTING	SEDIMENT & EROSION CONTROL PLAN	SCALE	1" = 30'
DRAWN	LOTS 1 thru 9	DRAWING	8/1/89
BAR	WETHERBURN	JOB NO.	80-071
CHECKED	2nd ELECTION DISTRICT	FILE NO.	89-071
DATE	HOWARD COUNTY MARYLAND		
DATE	June 1989		



EARTH DIKE DETAIL (E.D.)
NO SCALE

CONSTRUCTION SPECIFICATIONS

1. Posts: 2x4 hardwood, spaced every 10 feet.
2. Fabric: 1/2 inch mesh, 18 inches high.
3. Installation: Posts driven into ground, fabric stretched and secured to posts.

TYPE OF STABILIZATION

Area	Stabilization Method
Area 1	Permanent Seeding
Area 2	Temporary Seeding
Area 3	Mulching
Area 4	Straw Bale Dike
Area 5	Silt Fence
Area 6	Stabilized Construction Entrance
Area 7	Stone Outlet Sediment Trap

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

County Health Officer: [Signature] DATE: 8-11-89

DEPARTMENT OF PLANNING & ZONING

Director: [Signature] DATE: 8/14/89

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

Director: [Signature] DATE: 8/14/89

CHIEF BUREAU OF ENGINEERING

Director: [Signature] DATE: 8-1-89

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 erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources 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 of Developer/Builder: [Signature] DATE: 6-5-89

REVIEWED FOR HOWARD COUNTY SCD

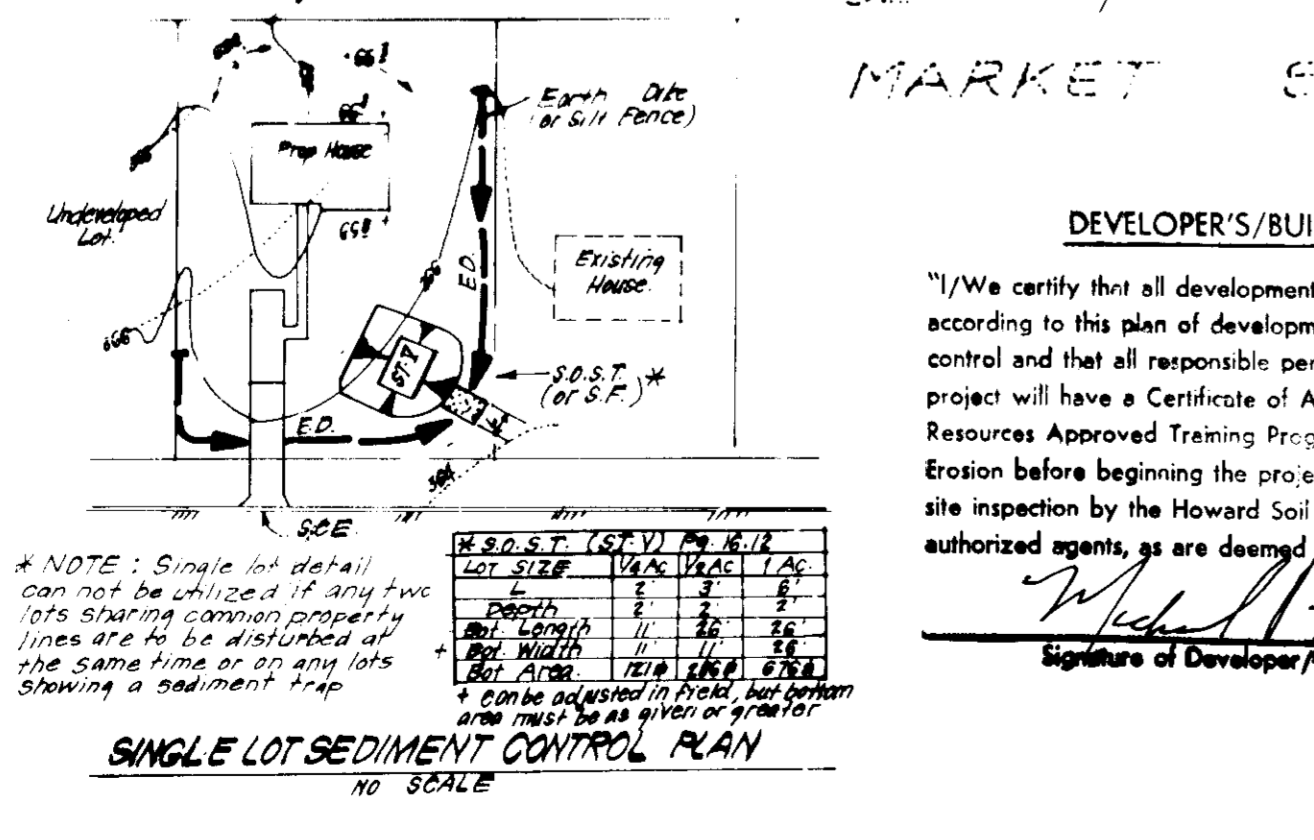
and meets Regulatory Requirements

Signature: [Signature] DATE: 6-2-89

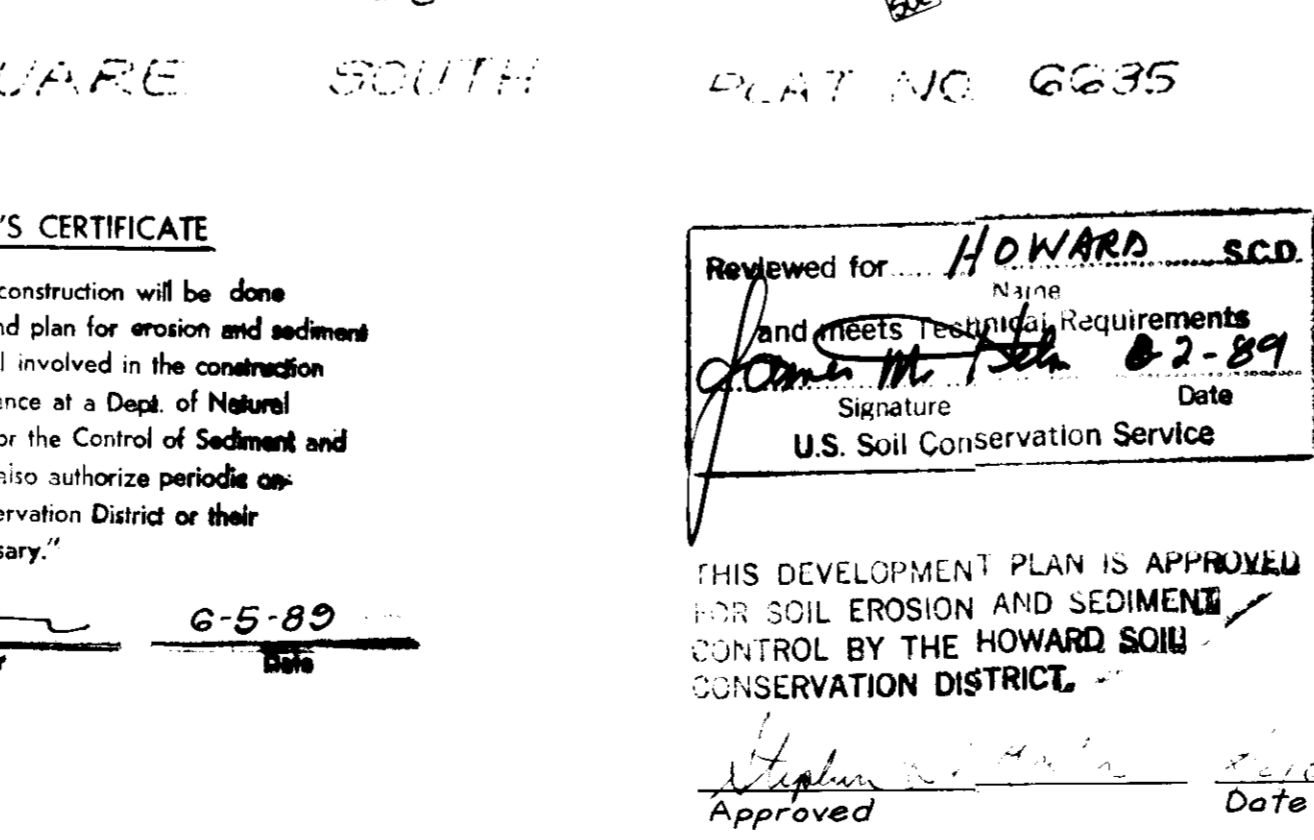
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

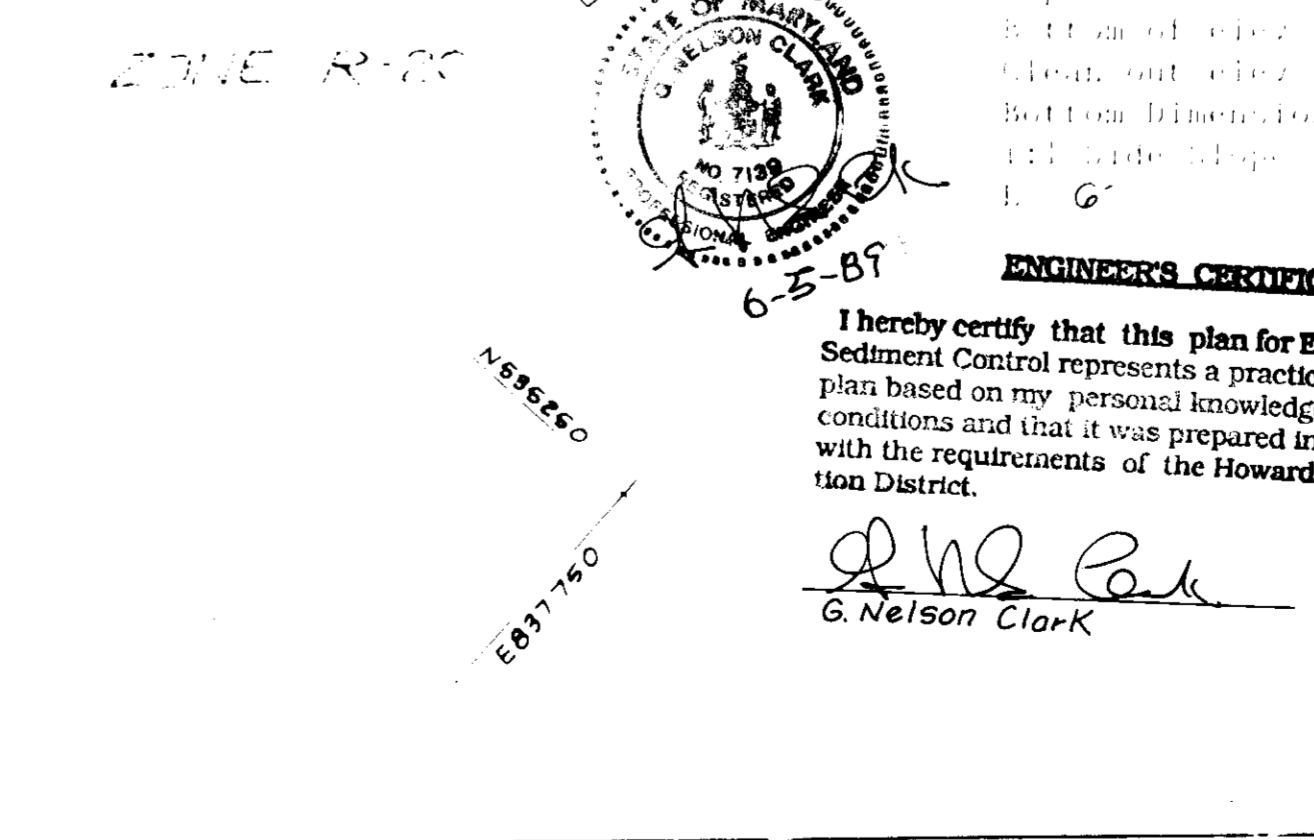
Approved: [Signature] DATE: [Date]



SINGLE LOT SEDIMENT CONTROL PLAN
NO SCALE



WETHERBURN ZONE R-20
MARKET SQUARE SOUTH PLAT NO. 6635



TRAP #1 SOST (ST-V)
NO SCALE

ENGINEER'S CERTIFICATE

I hereby 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.

Signature: [Signature] DATE: 6-5-89

G. Nelson Clark

APPROVED FOR HOWARD COUNTY SCD

Signature: [Signature] DATE: [Date]