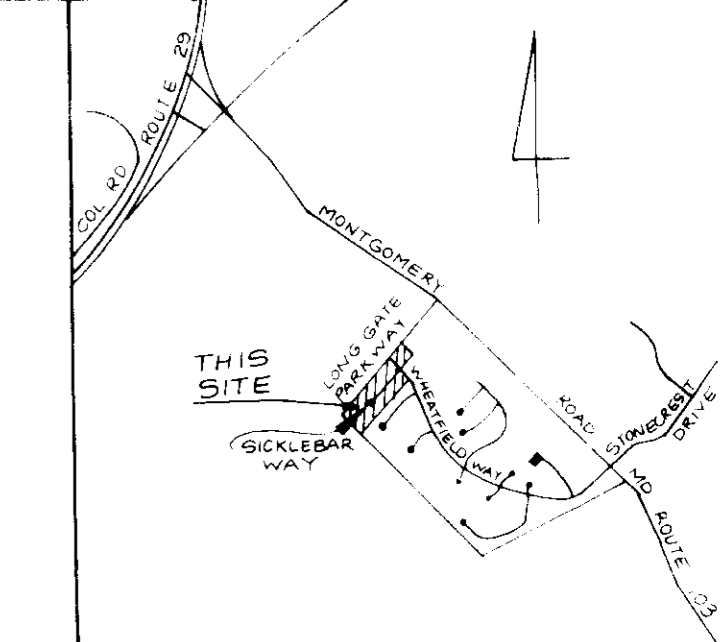
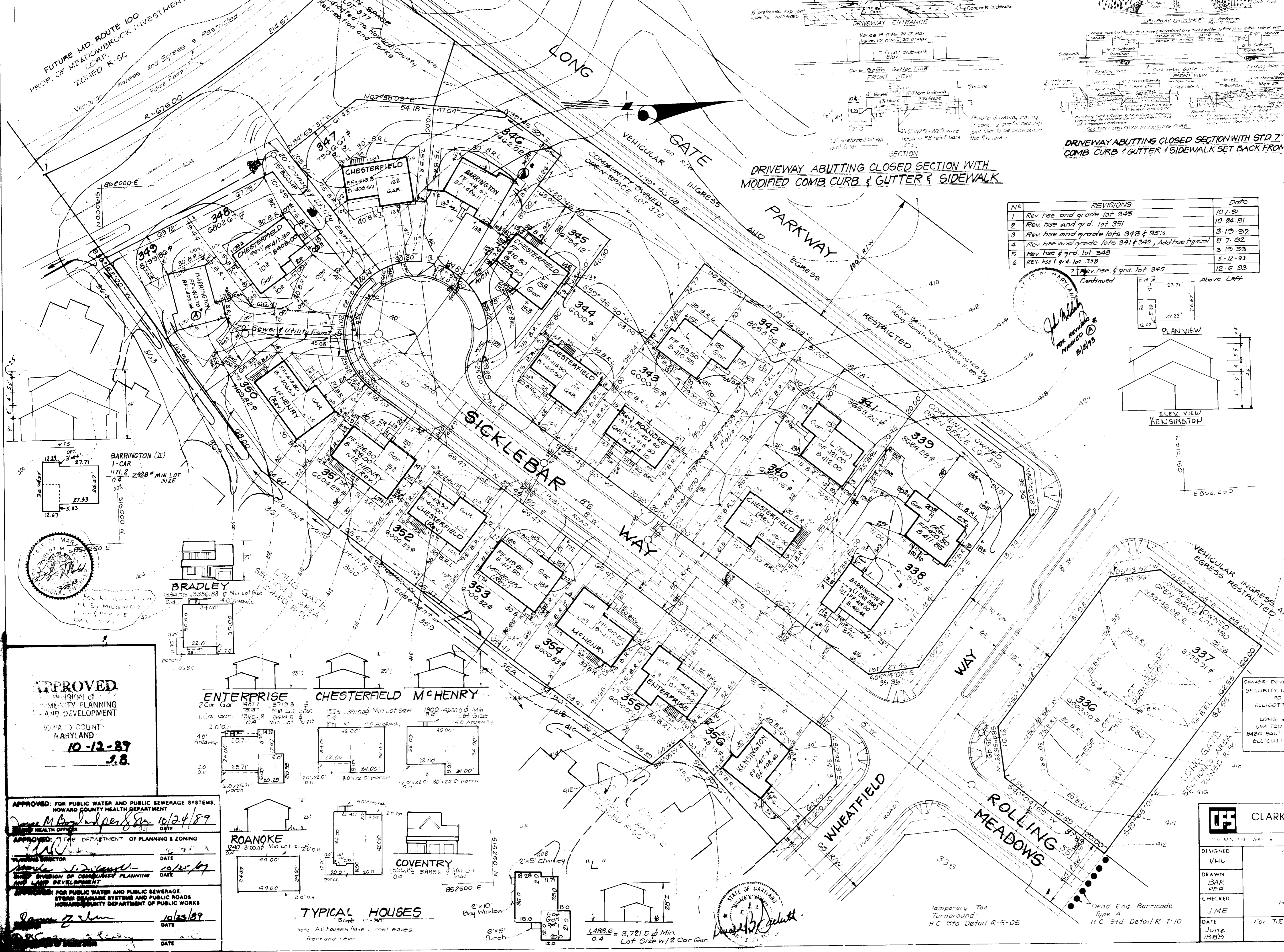


8	Rev hse and grd lot 339	7-26-94
9	Rev hse & grd lot 339	1-18-94
10	Rev hse & grd lot 339	1-27-94



VICINITY MAP
Scale 1" = 2000'

No	REVISIONS	Date
1	Rev hse and grade lot 345	10/1/91
2	Rev hse and grade lot 351	10/24/91
3	Rev hse and grade lots 348 & 353	3/19/92
4	Rev hse and grade lots 341 & 342, Add hse typical	8/7/92
5	Rev hse & grd lot 348	3/15/93
6	REV HSE & GRD LOT 338	5-12-93
7	Rev hse & grd lot 345	12/6/93

LEGEND

- Contour Interval 2 FT
- Existing Contour (310)
- Proposed Contour 410
- Spot Elevation +10%
- Direction of Drainage
- Walk out Basement
- Trees to be Saved

GENERAL NOTES

- Subject property zoned R-8C per B-2-85 comprehensive zoning plan.
- All coordinates hereon are based on the Maryland State Grid System.
- The coordinates originated with Howard County Geodetic Control Point No 3043001-R and 3043002-R.
- 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.
- Total Number of lots 10
- Topography taken from plans by Tracy Schulte & Associates, Inc.
- Maximum lot coverage allowed is 41%.
- All roads are public and existing.
- Total Acres: 3.02 Ac.
- Lots 336 & 337 are not included in this submission.

SPECIAL NOTES

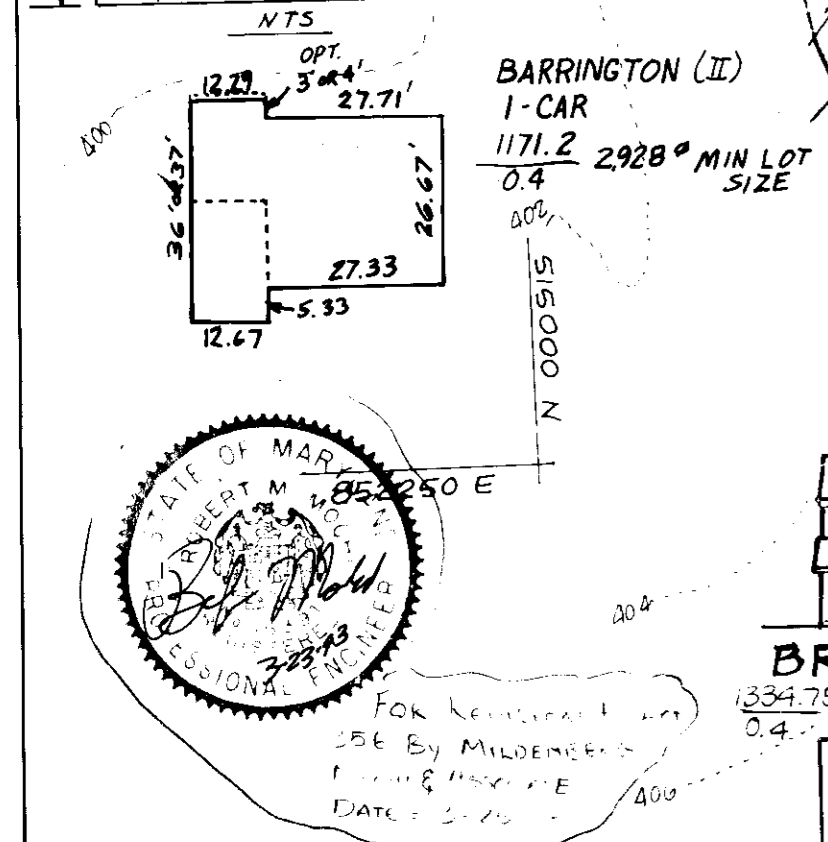
- All Road Construction Storm Drainage facilities and Public water and sewer are shown for reference only.
- Use approved HO Co plans for all phases of construction.

ADDRESS CHART

LOT	STREET ADDRESS
338	8704 SICKLEBAR WAY
339	8708 SICKLEBAR WAY
340	8712 SICKLEBAR WAY
341	8716 SICKLEBAR WAY
342	8720 SICKLEBAR WAY
343	8724 SICKLEBAR WAY
344	8728 SICKLEBAR WAY
345	8732 SICKLEBAR WAY
346	8736 SICKLEBAR WAY
347	8740 SICKLEBAR WAY
348	8744 SICKLEBAR WAY
349	8748 SICKLEBAR WAY
350	8752 SICKLEBAR WAY
351	8756 SICKLEBAR WAY
352	8760 SICKLEBAR WAY
353	8764 SICKLEBAR WAY
354	8768 SICKLEBAR WAY
355	8772 SICKLEBAR WAY
356	8776 SICKLEBAR WAY

OWNER-DEVELOPER
SECURITY DEVELOPMENT CORP
PO BOX 317
ELLCOTT CITY MD 21043

LONG GATE PARKWAY
LIMITED PARTNERSHIP
8480 BALTIMORE NATIONAL PIKE
ELLCOTT CITY MD 21043

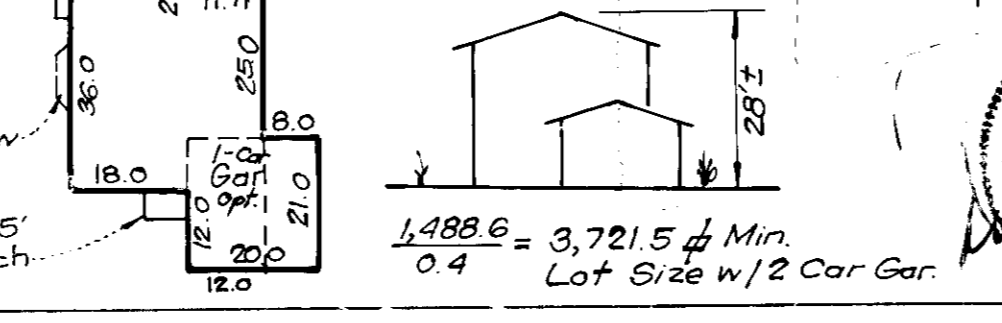
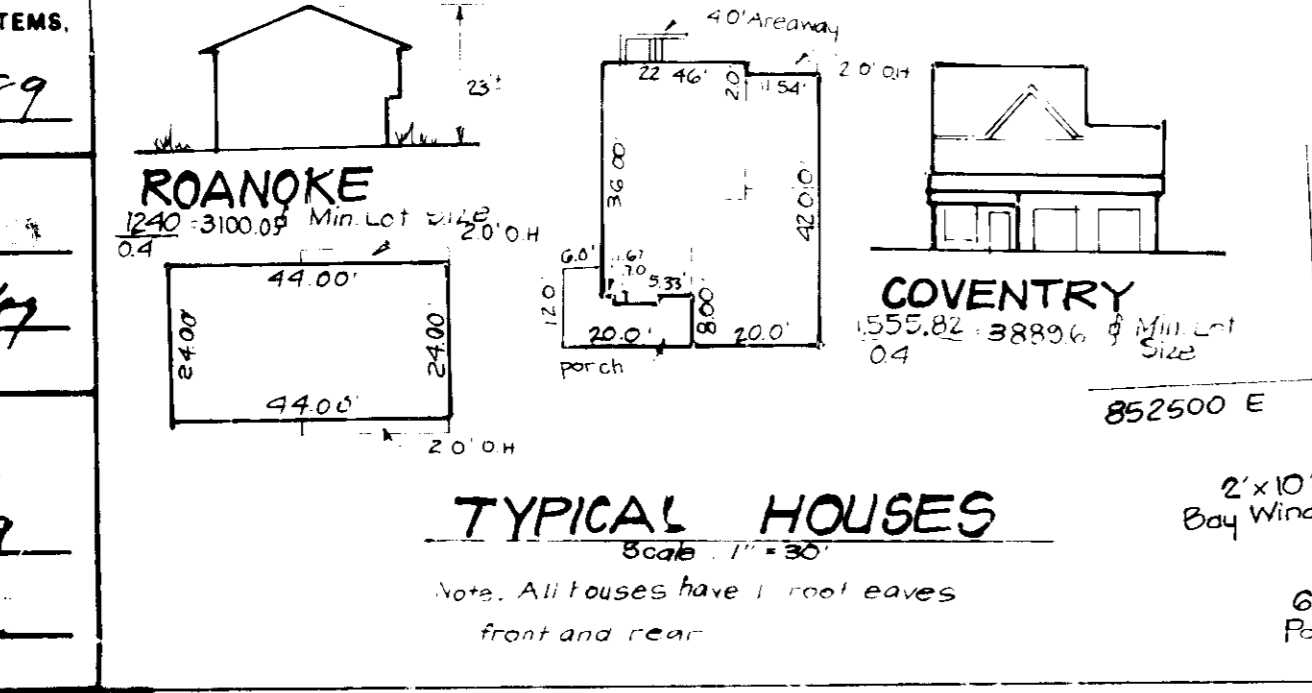
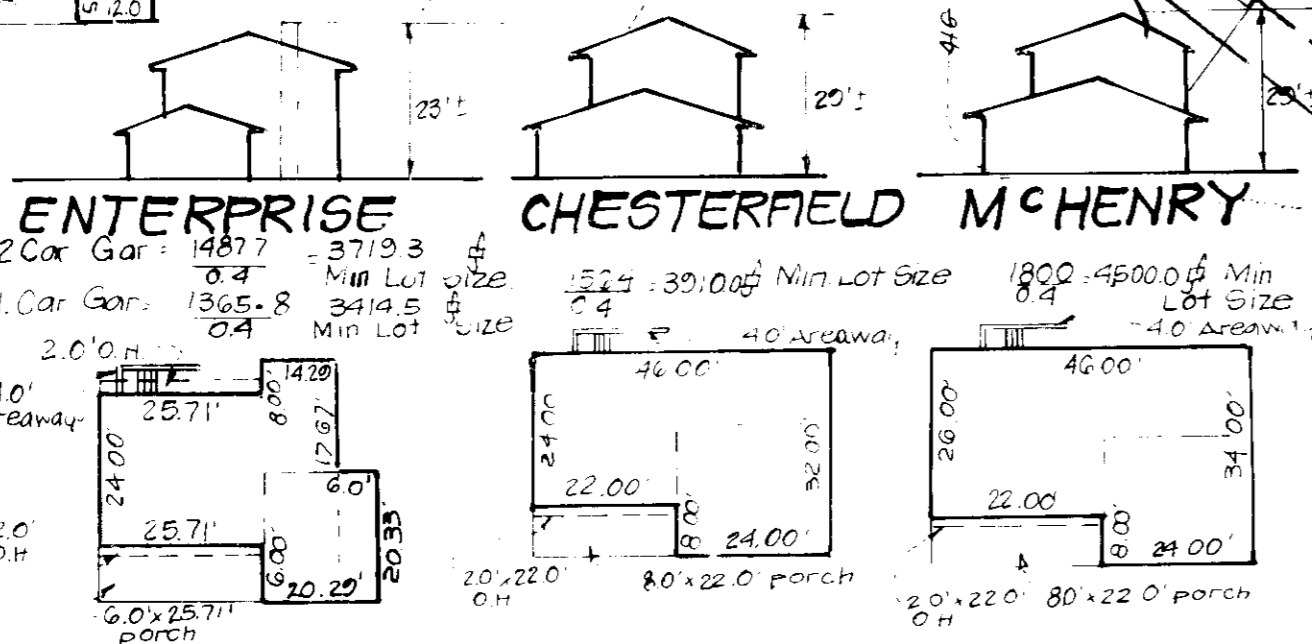


APPROVED
COMMISSION OF
COMMUNITY PLANNING
AND DEVELOPMENT
HOWARD COUNTY
MARYLAND
10-12-89
J.B.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
10/24/89

APPROVED BY THE DEPARTMENT OF PLANNING & ZONING
10/25/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
10/13/89



488.6 = 3,721.5 / Min.
0.4 Lot Size w/2 Car Gar

temporary Tee Turnaround
HC Sta Detail R-5-05

Dead End Barricade
Type A
HC Sta Detail R-7-10

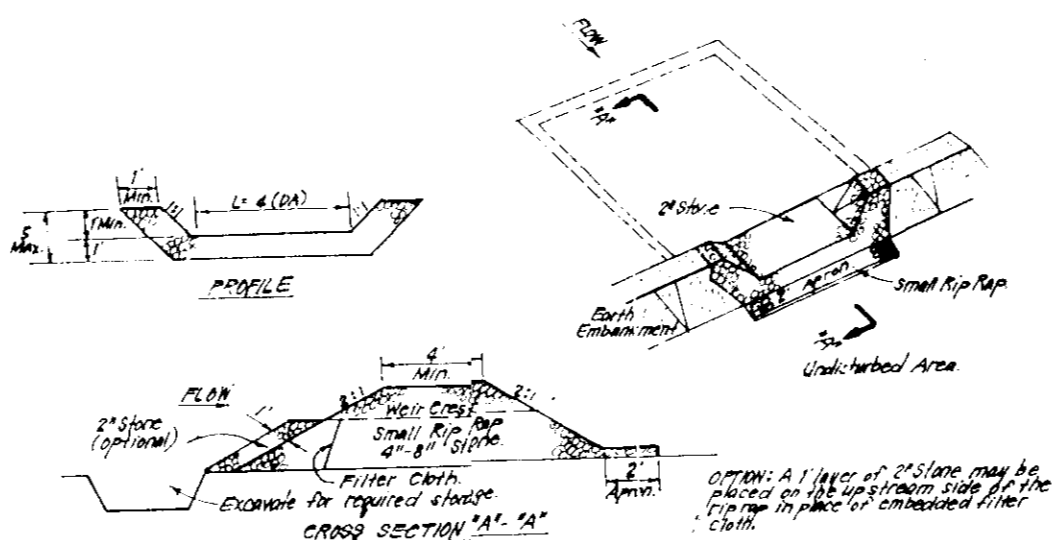
CLARK • FINEBROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS

SITE DEVELOPMENT PLAN
Lots 338-356
LONG GATE
Section 3 Area 1
2nd Election District
Howard County, Maryland

DESIGNED: VHL
DRAWN: BAR, PER
CHECKED: JME
DATE: June 1989

SCALE: AS SHOWN
DRAWING NO: 87-102
JOB NO: 87-102
FILE NO: 87-102-X

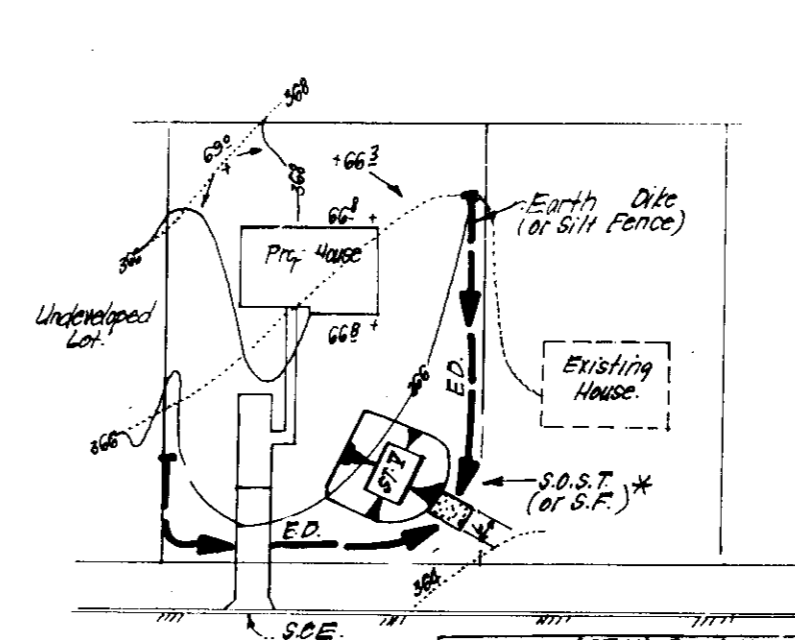
FOR: THE RYLAND GROUP, INC. - Columbia Division
7130 Montrose Way, Suite 2
Columbia, Md 21045



CONSTRUCTION SPECIFICATIONS:

1. The structure shall be constructed with 12" x 12" concrete blocks and 4" x 4" steel reinforcement bars.
2. The structure shall be constructed with 12" x 12" concrete blocks and 4" x 4" steel reinforcement bars.
3. The structure shall be constructed with 12" x 12" concrete blocks and 4" x 4" steel reinforcement bars.
4. The structure shall be constructed with 12" x 12" concrete blocks and 4" x 4" steel reinforcement bars.
5. The structure shall be constructed with 12" x 12" concrete blocks and 4" x 4" steel reinforcement bars.
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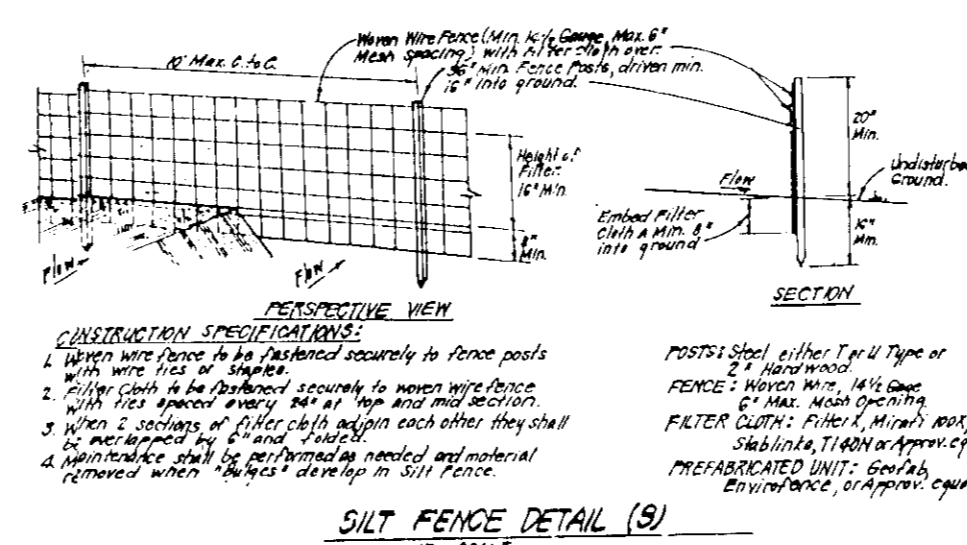
STONE OUTLET SEDIMENT TRAP (S.O.S.T.) STY.
NO SCALE



CONSTRUCTION SPECIFICATIONS:

1. The structure shall be constructed with 12" x 12" concrete blocks and 4" x 4" steel reinforcement bars.
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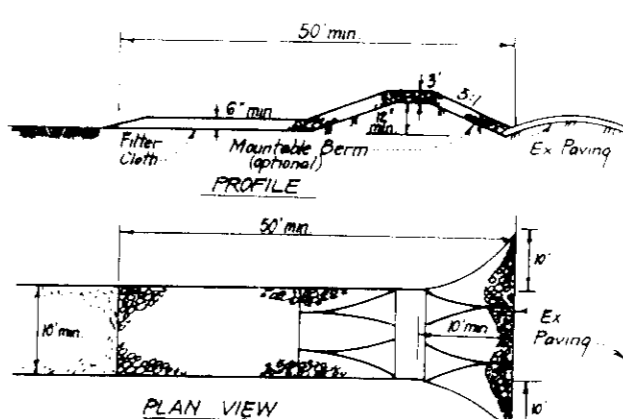
SINGLE LOT SEDIMENT CONTROL PLAN
NO SCALE



CONSTRUCTION SPECIFICATIONS:

1. The structure shall be constructed with 12" x 12" concrete blocks and 4" x 4" steel reinforcement bars.
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7. The structure shall be constructed with 12" x 12" concrete blocks and 4" x 4" steel reinforcement bars.

STABILIZED CONSTRUCTION ENTRANCE (SCE)
NO SCALE



CONSTRUCTION SPECIFICATIONS:

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7. The structure shall be constructed with 12" x 12" concrete blocks and 4" x 4" steel reinforcement bars.

STABILIZED CONSTRUCTION ENTRANCE (SCE)
NO SCALE

CONSTRUCTION SEQUENCE of days

1. Obtain Grading Permit and Install Sediment & Erosion Control Devices and Stabilize..... 7
 2. Excavate for Foundations and Rough Grade & Temporarily Stabilize..... 20
 3. Construct Structures, Sidewalks & Driveways..... 120
 4. Final Grade and Stabilize in accordance with Stds. & Specs..... 30
 5. Upon approval of the Sediment Control Inspector, remove sediment & erosion controls and stabilize..... 7
- * Delay construction of lots 347 & 349 until respective traps have been removed.

Note: The proposed berm and swale as shown on F-83-63 must be complete before installation of sediment & erosion controls proposed by this plan.

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:

- 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; narrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 urea 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 (23 lbs/1000 sq ft) before seeding; narrow 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 80 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 80 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 feet 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 15 thru November 15, seed with 25 bushel per acre of annual ryegrass (0.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 1 lbm 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 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.

SEEDING CONTROL NOTES

1. A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permitting prior to the start of any construction (1993-2003).
2. All vegetative 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.
3. Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within 30 calendar days for all permanent sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, by 14 days as to all other disturbed or graded areas on the project site.
4. All sediment traps/basins shall 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. 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.
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	3,367 Acres
Area Disturbed	3.42 Acres
Area to be roofed or paved	0.000 Acres
Area to be vegetatively stabilized	2.468 Acres
Total Cut	3,362 Cu. Yds
Total Fill	6157 Cu. Yds
Excise waste/borrow area	Undetermined
8. Any sediment control practice which is disturbed by grading activity for 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 low 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. Once building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
11. If houses are to be constructed on "as-built" basis, at random, Single Lot Sediment Control as shown below shall be implemented.
12. All dikes to be blocked at the end of each day (see detail below). N/A
13. The total amount of straw bale dike/silt fence equals 1250 L.P.

APPROVED
DIVISION of
COMMUNITY PLANNING
& LAND DEVELOPMENT
HOWARD COUNTY,
MARYLAND
DATE: 10-12-89
J.B.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 10/24/89

APPROVED FOR THE DEPARTMENT OF PLANNING & ZONING
DATE: 10/20/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 10/23/89

CHIEF BUREAU OF ENGINEERING
DATE: 10-20-89

DEVELOPER'S/BUILDER'S CERTIFICATE

"I/We certify that all development and construction will be done according to the 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: Maurice W. Suplein 4/14/89 Date

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable design and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Signature: G. Nelson Clark 6-19-89 Date



REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
Signature: John R. Pickett 10/19/89 DATE
U.S. SOIL CONSERVATION SERVICE
This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
APPROVED: John R. Pickett 10/19/89 DATE
Howard S.C.D.

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7500 - BALTO • (301) 624-8000 - WASH		
DESIGNED KIWM	SEDIMENT & EROSION CONTROL DETAILS LOTS 338-356	SCALE AS SHOWN
DRAWN PER	LONG GATE	DRAWING 3 of 3
CHECKED KIWM	SECTION 3, AREA 1 2ND ELECTRIC DISTRICT HOWARD COUNTY, MARYLAND	JOB NO 87-102
DATE June 1989	THE RYLAND GROUP, INC. - COLUMBIA DIVISION 7150 MINSTREL WAY, STE 200 COLUMBIA, MARYLAND 21045	FILE NO 87-102 SE

SDP-89-269