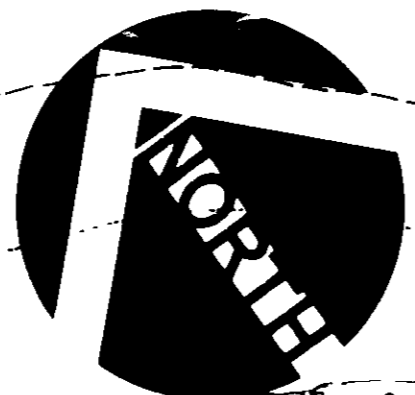


APPROVED: PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT  
Date: 10-13-88  
County Health Officer: [Signature]

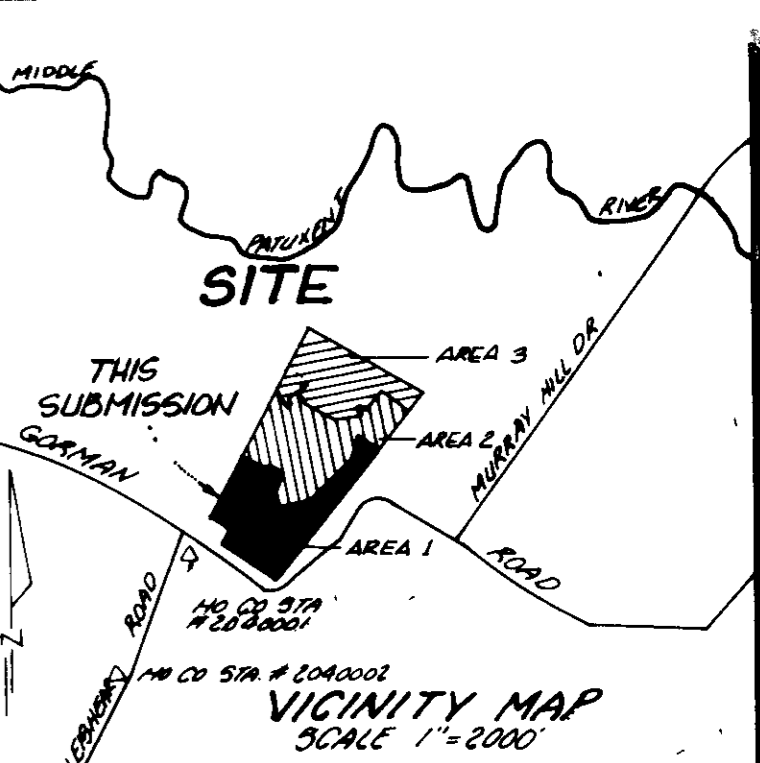
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
Date: 11-2-88  
Director: [Signature]

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE,  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
Date: 10-10-88  
Director: [Signature]

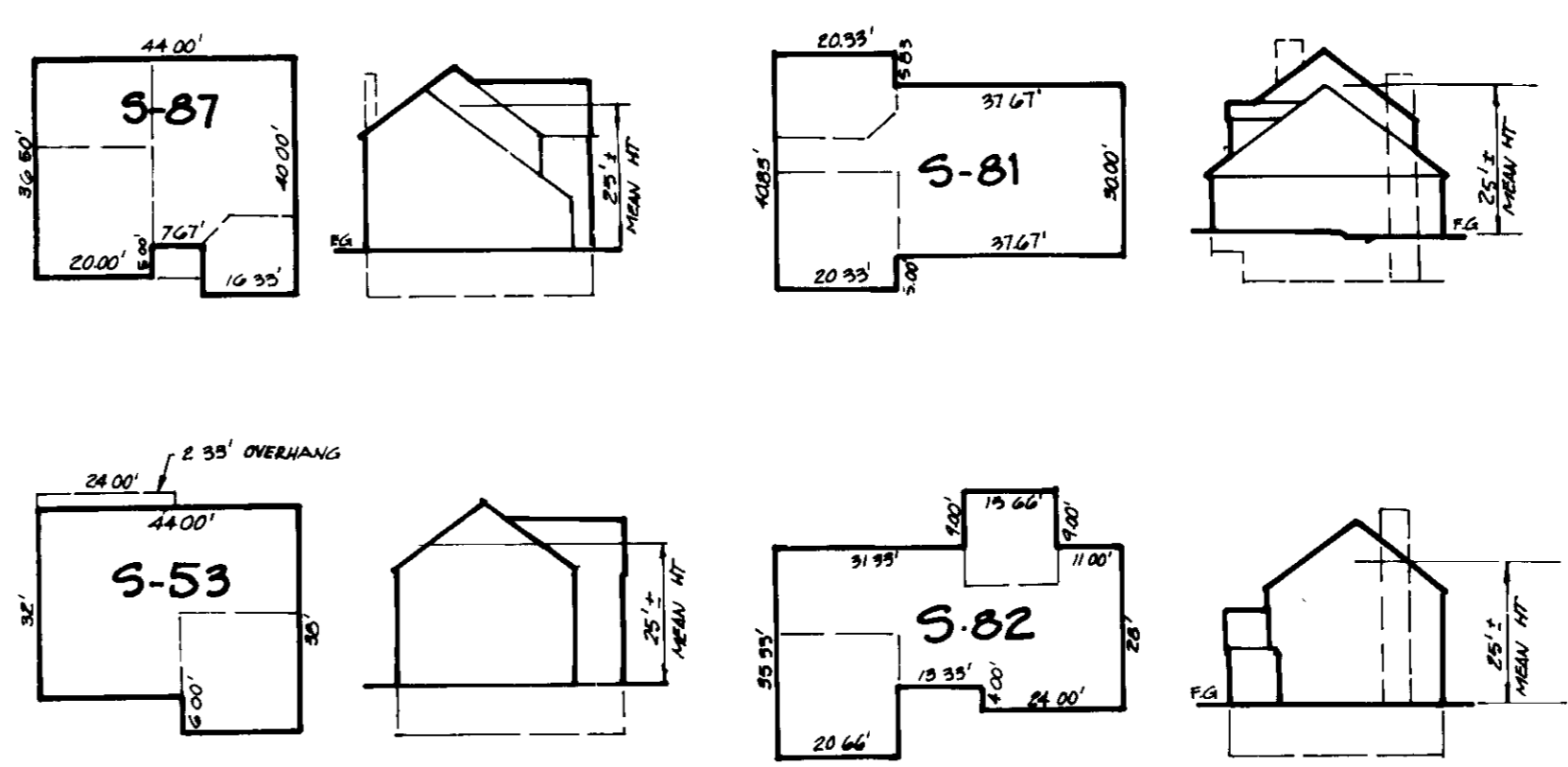
Chief Bureau of Engineering [Signature]  
Date: 10-10-88



- GENERAL NOTES:
- The land included is zoned R-20.
  - The area covered is located on Tax Map 42 & 47, Par. 81.
  - The total area of Hunters Creek Farm 1/1 is 21.73 Ac.
  - All roadways are public.
  - Any damage to County owned rights of way shall be corrected at the Developer's expense.
  - The total number of lots included in this plan is 35.
  - Stormwater Management is provided under contract no F-88-90
  - See sheet 3 for apron details.



Lot No.	Address
1	10301 DERBY DRIVE
2	10305
3	10309
4	10313
5	10303 CITATION WAY
6	10307
7	10311
8	10315
9	10319
10	10314
11	10310
12	10306
13	10325 DERBY DRIVE
14	10301 PREAKNESS PLACE
15	10305
16	10309
17	10313
18	10308
19	10304
20	10300
21	10334 DERBY DRIVE
22	10326
23	10320
24	10307 WINNER'S CIRCLE WAY
25	10311
26	10315
27	10319
28	10323
29	10327
30	10331
31	10325
32	10312
33	10308
34	10304
35	10300



TYPICAL HOUSES

DEVELOPER'S/BUILDER'S CERTIFICATE

"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 inspection by the HSD."

Richard Goodman  
Signature of Developer/Builder  
Date: 5/31/88

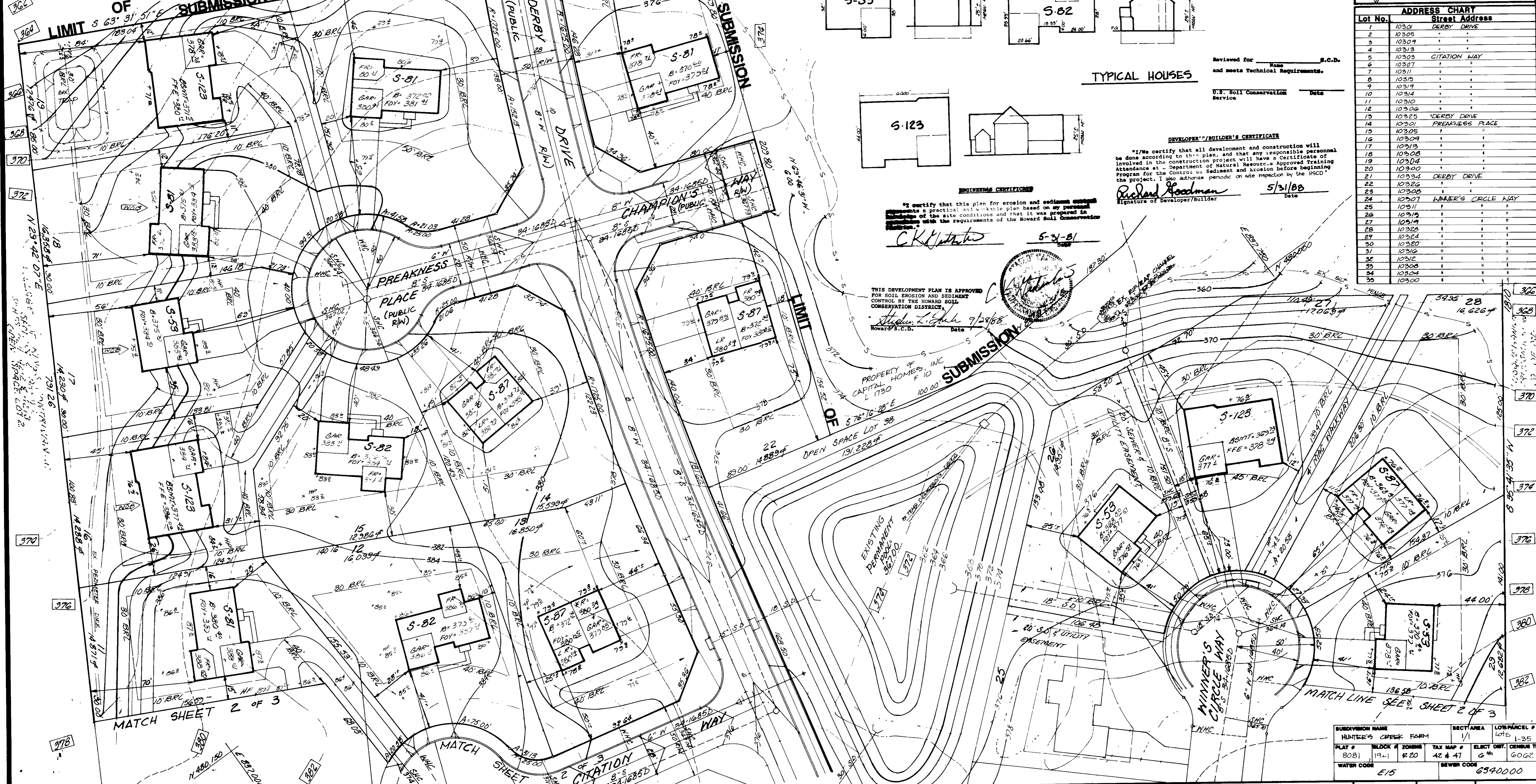
ENGINEER'S CERTIFICATE

"I certify that this plan for erosion and sediment control represents a practical and feasible 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."

C.K. [Signature]  
Date: 5-31-88

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

Sheldon L. [Signature] 9/28/88  
Howard S.C.D. Date



**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
ENGINEERS, PLANNERS, SURVEYORS  
3909 NATIONAL DRIVE SUITE 250 - BURTONSVILLE OFFICE PARK - BURTONSVILLE, MD 20886  
TELEPHONE: (301) 421-4024




PREPARED FOR  
**CAPITAL HOMES, INC.**  
10200 GORMAN RD.  
LAUREL, MD 20707  
(301) 953-0571

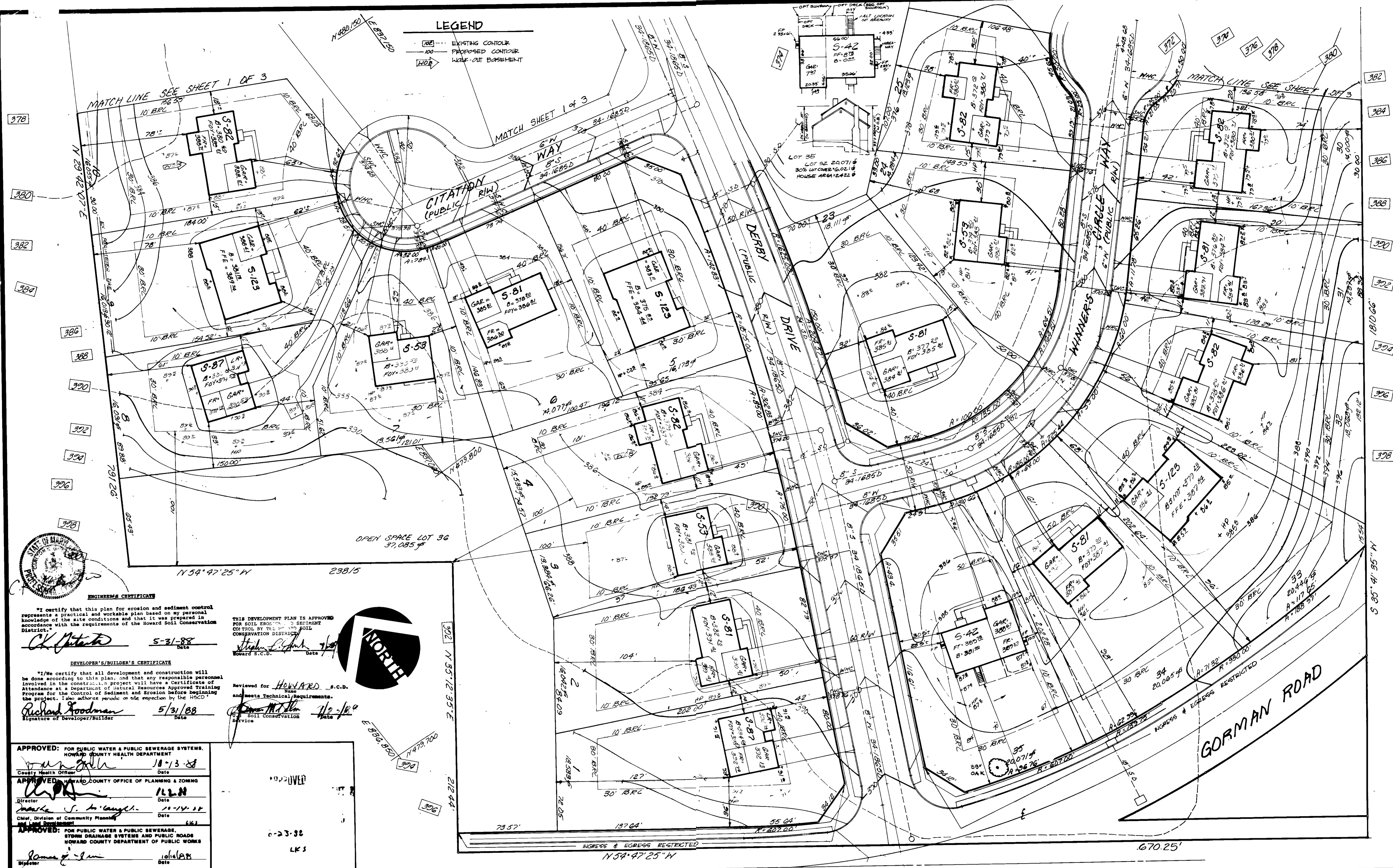
**SITE DEVELOPMENT PLAN**  
**HUNTER'S CREEK FARM**  
SECTION 1 AREA 1

SCALE	ZONING	G.L.W. FILE NO.
1"=30'	R-20	86-027
DATE	TAX MAP NO.	SHEET
MAY 1988	42 & 47	1 of 3

SUBDIVISION NAME	SECTION	AREA	LOTPARCEL #
HUNTER'S CREEK FARM	1/1		1-35
PLAT #	BLOCK #	ZONING	TAX MAP #
8081	1941	R-20	42 & 47
WATER CODE	SEWER CODE		
E15	6540000		

**LEGEND**

-  EXISTING CONTOUR
-  PROPOSED CONTOUR
-  WALK-OUT BASEMENT

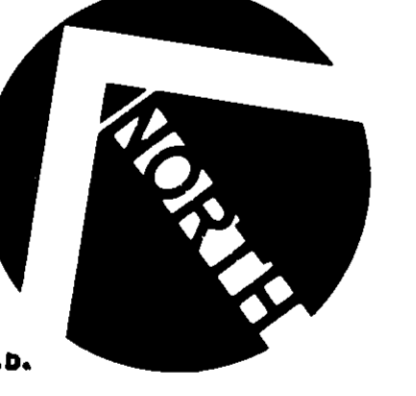


**ENGINEER'S CERTIFICATE**  
 I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.  
*CK [Signature]* 5-31-88  
 Date

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
*Stephen [Signature]*  
 Howard S.C.D. Date

**DEVELOPER'S/BUILDER'S CERTIFICATE**  
 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 inspection by the HSCD.  
 Richard Goodman 5/31/88  
 Signature of Developer/Builder Date

Reviewed for HOWARD S.C.D. and meets Technical Requirements.  
*[Signature]* 7/2/88  
 Date



**APPROVED:** FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 10-13-88  
 County Health Officer Date

**APPROVED:** HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*[Signature]* 12-28  
 Director Date

**APPROVED:** FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 10-14-88  
 Chief, Division of Community Planning and Land Development Date

**APPROVED:** FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 10-16-88  
 Director Date

**APPROVED:** FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 10-16-88  
 Chief Bureau of Engineering Date

**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
 ENGINEERS, PLANNERS, SURVEYORS  
 3909 NATIONAL DRIVE SUITE 250 • BURTONSVILLE OFFICE PARK BURTONSVILLE, MD 20866  
 TELEPHONE (301) 421-4024

DATE	REVISION	BY	APP'R.
6/12/88	RESITE LOT 35 & ADD TYPICAL HOUSE TYPE - FK		

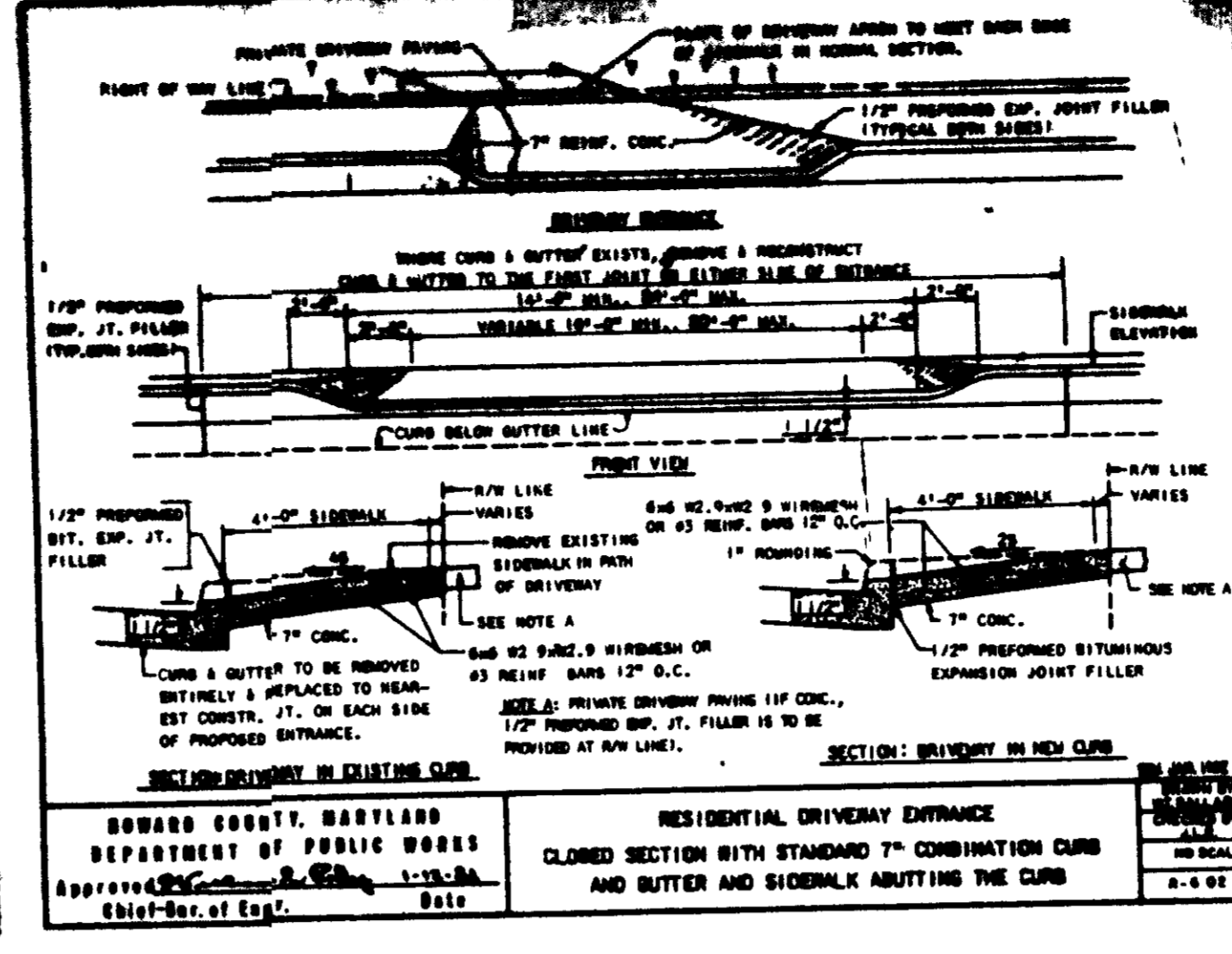
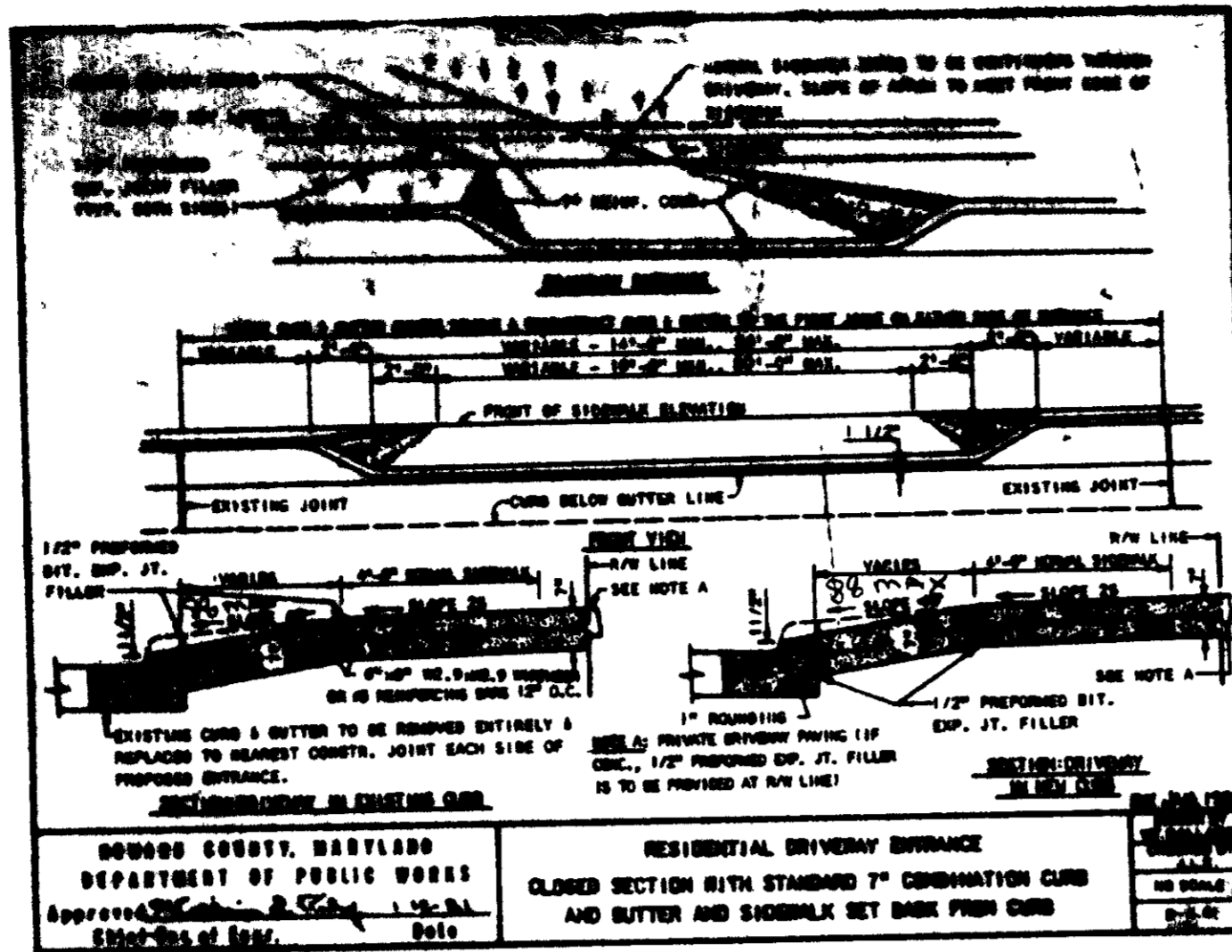
PREPARED FOR  
**CAPITAL HOMES, INC.**  
 10200 GORMAN RD.  
 LAUREL, MD 20707  
 (301) 953-0571

**SITE DEVELOPMENT PLAN**  
**HUNTER'S CREEK FARM**  
 SECTION 1 AREA 1  
 8th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE	ZONING	GL.W FILE NO
1"=30'	R-20	86-027
DATE	TAX MAP NO.	SHEET
MAY 1988	42 & 47	2 of 3

**CONSTRUCTION SEQUENCE**

1. Obtain Grading Permit
2. Check placement and maintain existing sediment control measures.
3. Excavate for foundations and rough grade & temporarily stabilize
4. Construct structures, sidewalks and driveways; note to delay construction on lot 19 until area is stabilized enough to remove trap and associated perimeter dike
5. Final grade and stabilized in accordance with sub 4 specs



**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 (unless 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 2-1/2 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 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.

**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 (unless 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 square feet) 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 urea-form 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. 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 (0.5 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 1-1/2 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 reseeding.

**SEDIMENT CONTROL NOTES**

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 redisturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes and 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. 51) and sod (Sec 54), temporary seedings (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: 214 Acres  
 Area Disturbed: 10.4 Acres  
 Area to be roofed or paved: 4.3 Acres  
 Area to be vegetatively stabilized: 141 Acres  
 Total Cut: Cu. Yds.  
 Total Fill: Cu. Yds. } BALANCED  
 Offsite waste/borrow area location: N/A
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 DPW 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 inspection approvals may not be authorized until this initial approval by the inspection agency is made
11. If houses are to be constructed on an "As-Sold" basis, at random, Single Lot Sediment Control as shown below shall be implemented.
12. All pipes to be blocked at the end of each day (see detail below).
13. The total amount of straw bale dikes/silt fences equals L.F.



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.  
 [Signature] 5-31-88  
 Date

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 [Signature] 5/28/88  
 District S.C.D.

**DEVELOPER'S/BUILDER'S CERTIFICATE**

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 inspection by the HSCD.  
 [Signature] 5/31/88  
 Signature of Developer/Builder Date

Devised for HOWARD S.C.D. and its Technical Requirements  
 [Signature] 5-28-88  
 U.S. Soil Conservation Service

**NOTE: SEE F-88-90 FOR SEDIMENT AND EROSION CONTROL.**

**APPROVED FOR PUBLIC WATER & PUBLIC BEVERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT**  
 [Signature] 11-13-85  
 Date

**APPROVED FOR DEVELOPMENT & ZONING, HOWARD COUNTY OFFICE OF PLANNING & ZONING**  
 [Signature] 11.2.88  
 Date

**APPROVED FOR PUBLIC WATER & PUBLIC BEVERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS**  
 [Signature] 10-14-88  
 Date

**APPROVED FOR PUBLIC WATER & PUBLIC BEVERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS**  
 [Signature] 10-10-88  
 Date

**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
 ENGINEERS, PLANNERS, SURVEYORS  
 3908 NATIONAL DRIVE SUITE 250 BURTONSVILLE OFFICE PARK BURTONSVILLE, MD 20866  
 TELEPHONE (301) 421-4024

DES.	DRN.	CHK.	DATE	REVISION	BY	APP'R.

PREPARED FOR  
**CAPITAL HOMES, INC.**  
 10200 GORMAN RD.  
 LAUREL, MD 20707  
 (301) 983-0871

**NOTES & CONSTRUCTION SEQUENCE**  
**HUNTER'S CREEK FARM**  
 SECTION 1 AREA 1  
 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE	ZONING	GLW FILE No
		86-027
DATE	TAX MAP No	SHEET
MAY 1988		3 of 3