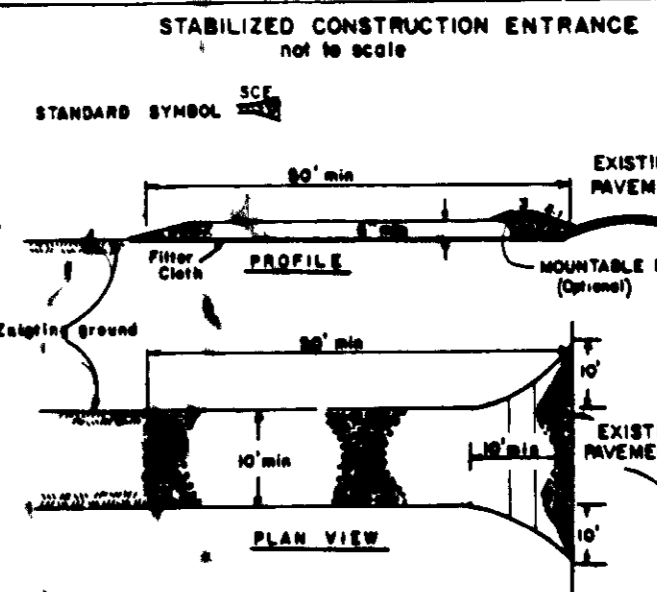


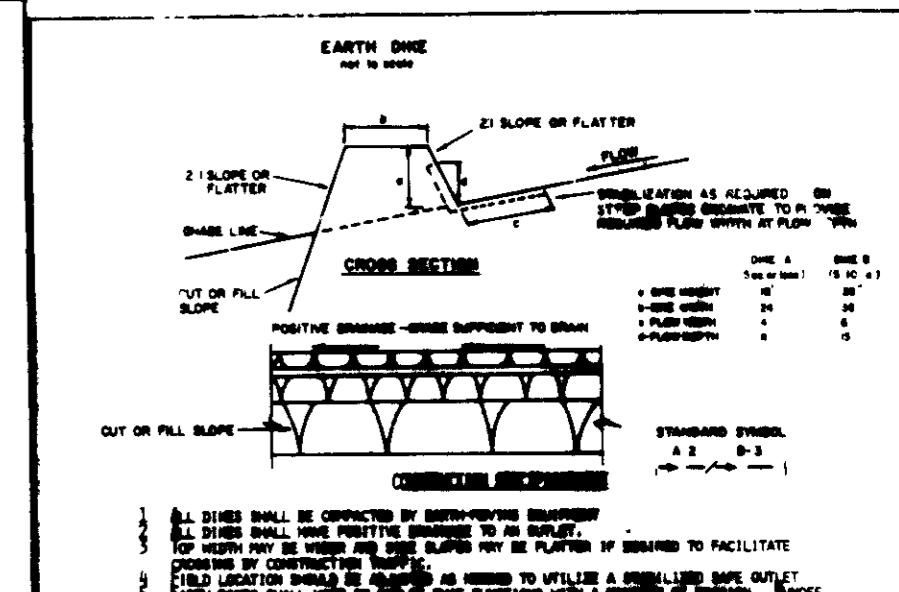
VICINITY MAP
SCALE: 1" = 1200'

- SEDIMENT CONTROL NOTES**
- Minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (892-2477)
 - 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 for 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. 51) sod (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.
- 7) Site Analysis**
- | | |
|------------------------------------|--------------|
| Total Area of Site | 11.80 Acres |
| Area Disturbed | 10.72 Acres |
| Area to be roofed or paved | 2.5 Acres |
| Area to be vegetatively stabilized | 7.72 Acres |
| Total Cut | 3000 Cu. Yds |
| Total Fill | 3000 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 controls must be provided, if deemed necessary by the Howard County 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 disturbing or grading. Other building or grading inspection approvals may be authorized until this initial approval by the inspection agency is made.

- GENERAL NOTES**
- SUBJECT PROPERTY IS LOCATED ON TAX MAP 17 PART OF PARCELS 395 & 37.
 - PLAT REFERENCE: 7408-7411.
 - PRESENT ZONING IS R-20 (RESIDENTIAL-SINGLE).
 - MINIMUM SETBACKS:
FRONT: 50' (LOTS GREATER THAN 20,000 S.F.)
SIDE: 30' (FROM PUBLIC HWY)
REAR: 30'
 - TYPICAL HOUSE DIMENSIONS, SCHEMATIC PROFILE, DETAILS, SEDIMENT CONTROL NOTES AND SPECIFICATIONS CAN BE FOUND ON SHEET 2 OF 3.
 - SITE ANALYSIS:
A. TOTAL NUMBER OF LOTS: 34
B. TOTAL NUMBER OF UNITS: 33
C. TOTAL AREA OF LOTS: 11,857 AC.
7) THE DEVELOPER-FORTY WEST BUILDERS.
8) THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION, 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK @ 792-2630.

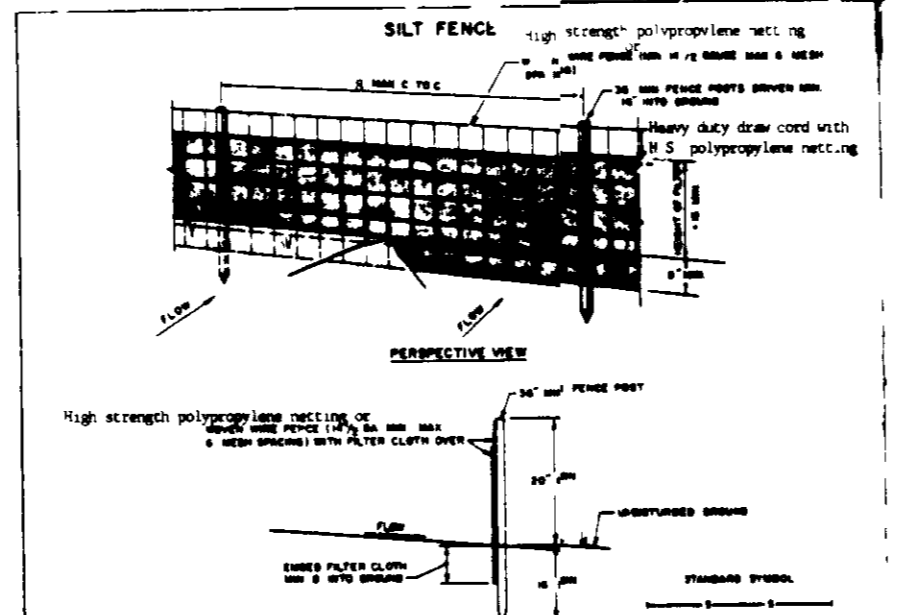


- CONSTRUCTION SPECIFICATIONS**
- Stable Site - Top 2" stone, or crushed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a stable existing lot where a 30 foot minimum length would apply).
 - Thickness - Ten (10) feet minimum, but not less than the full width at points where lap joints or spread occur.
 - Width - Ten (10) feet minimum, but not less than the full width at points where lap joints or spread occur.
 - Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a stable existing road base.
 - Surface Layer - All surface water flowing or directed toward construction activities shall be placed across the entrance. If placed in directions, a minimum layer with 1/2" slope will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent standing or flowing of sediment on public right-of-way. This may require periodic top dressing with additional stone or concrete based and swept up/down/away of any material used to top sediment. All sediment spilled, dropped, or placed on public right-of-way must be removed immediately.
 - Permitting - No entrance shall be placed on an entrance area until the permit is obtained. If an entrance is placed on an area not stabilized with stone and which drains into an approved sediment trapping device, the permittee shall be notified and the permit shall be void.
 - Permit Inspection and needed maintenance shall be provided after each rain.



- PERMANENT STABILIZATION**
- Stable Site - Top 2" stone, or crushed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a stable existing lot where a 30 foot minimum length would apply).
 - Thickness - Ten (10) feet minimum, but not less than the full width at points where lap joints or spread occur.
 - Width - Ten (10) feet minimum, but not less than the full width at points where lap joints or spread occur.
 - Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a stable existing road base.
 - Surface Layer - All surface water flowing or directed toward construction activities shall be placed across the entrance. If placed in directions, a minimum layer with 1/2" slope will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent standing or flowing of sediment on public right-of-way. This may require periodic top dressing with additional stone or concrete based and swept up/down/away of any material used to top sediment. All sediment spilled, dropped, or placed on public right-of-way must be removed immediately.
 - Permitting - No entrance shall be placed on an entrance area until the permit is obtained. If an entrance is placed on an area not stabilized with stone and which drains into an approved sediment trapping device, the permittee shall be notified and the permit shall be void.
 - Permit Inspection and needed maintenance shall be provided after each rain.

- SEQUENCE OF CONSTRUCTION**
- OBTAIN GRADING PERMIT.
 - CONSTRUCT EROSION AND SEDIMENT CONTROL DEVICES.
 - ROUGH GRADE SITE.
 - FOUNDATIONS CONSTRUCTION.
 - INSTALL WATER AND SEWER HOUSE CONNECTIONS.
 - COMPLETE BUILDING CONSTRUCTION.
 - STABILIZE SITE PER PERMANENT SEEDING PROCEDURES.
 - REMOVE EROSION AND SEDIMENT CONTROL DEVICES AND STABILIZE THESE AREAS PER PERMANENT SEEDING PROCEDURE.



- CONSTRUCTION METHODS FOR PERMANENT SEEDING**
- Soil Amendments - Apply 60 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).
 - Seeding - For periods March 1 thru April 30, and August 1 thru October 15, seed with 25 bushels per acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of seeping lovegrass (0.7 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. 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 reseedings.

PERMANENT SEEDING NOTES

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

Seeded Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, IF NOT PREVIOUSLY LOOSENEED.

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 square 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).
- 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 seeping 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 reseedings.

TEMPORARY SEEDING NOTES

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

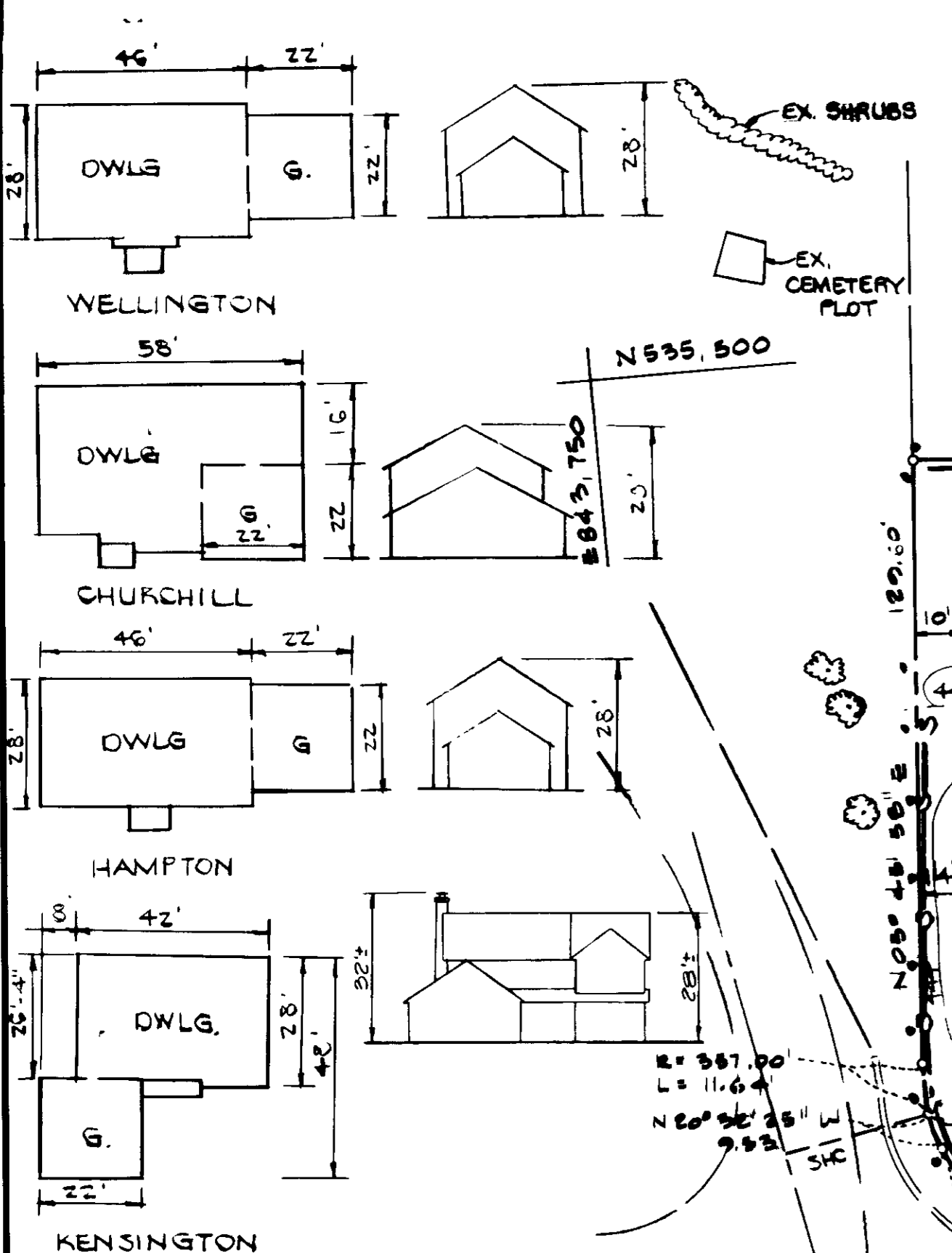
Seeded Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, IF NOT PREVIOUSLY LOOSENEED.

Soil Amendments: Apply 60 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 bushels per acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of seeping lovegrass (0.7 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 (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 rates and methods not covered.



HOUSE DIMENSIONS AND ELEVATIONS

- LEGEND**
- LIMIT OF DISTURBANCE
 - STABILIZED CONSTRUCTION ENT.
 - EARTH DIKE
 - SILT FENCE
 - EXISTING & PROPOSED CONTOURS

LOT NO	STREET ADDRESS
35	2515 ASHBROOK DRIVE
36	2515 " "
37	2511 " "
38	2507 " "
39	2503 " "

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 1-12-88

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
(301)461-2855

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.

DATE 11/19/87

DEVELOPER'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 DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

DATE 11/29/88

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

DATE 1-29-88

APPROVED OFFICE OF PLANNING AND ZONING

DATE 2-18-88

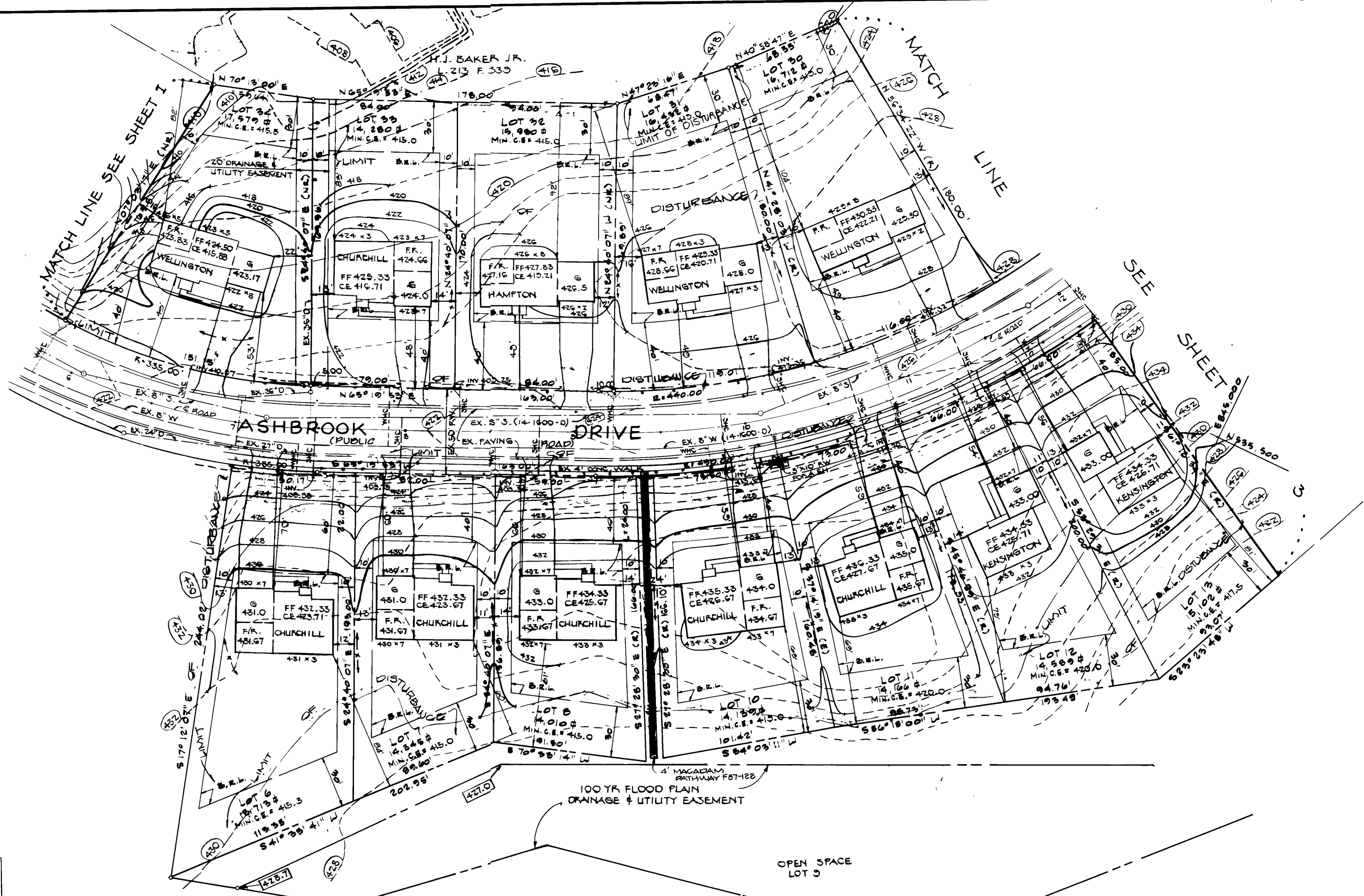
APPROVED DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS

DATE 2-18-88

APPROVED DEPARTMENT OF HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

DATE 2-4-88

SITE DEVELOPMENT PLAN
LOTS 6-8 AND 10-39
SECTION 18
MT. HEBRON
SECOND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE 1" = 30'
NOV. 17, 1987
SHEET 1 OF 3
80P-88-107



LOT NO	STREET ADDRESS
6	2520 ASHBROOK DRIVE
8	2522 " "
10	2524 " "
11	2526 " "
12	2528 " "
13	2530 " "
30	2532 " "
31	2534 " "
32	2536 " "
33	2538 " "
34	2540 " "

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 1-12-88



OWNER & DEVELOPER
FORTY WEST BUILDERS
1007 LESLIE AVE
BALTO., MD. 21228
(301) 788-2955

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
(301) 461-2855

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

STEPHEN L. FISHER
1/24/87
SIGNATURE OF ENGINEER DATE

DEVELOPER'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 DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

STEPHEN L. FISHER
1/19/87
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
STEPHEN M. HELM
1-29-88
U.S. SOIL CONSERVATION SERVICE DATE

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

STEPHEN L. FISHER
1/29/88
DATE

APPROVED OFFICE OF PLANNING AND ZONING
UNDA
1-24-88
PLANNING DIRECTOR DATE

BRIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
2/8/88
DATE

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS
JAMES J. JOY
2-4-88
HEALTH OFFICER DATE

APPROVED DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS
JAMES J. JOY
2/8/88
DIRECTOR, PUBLIC WORKS DATE

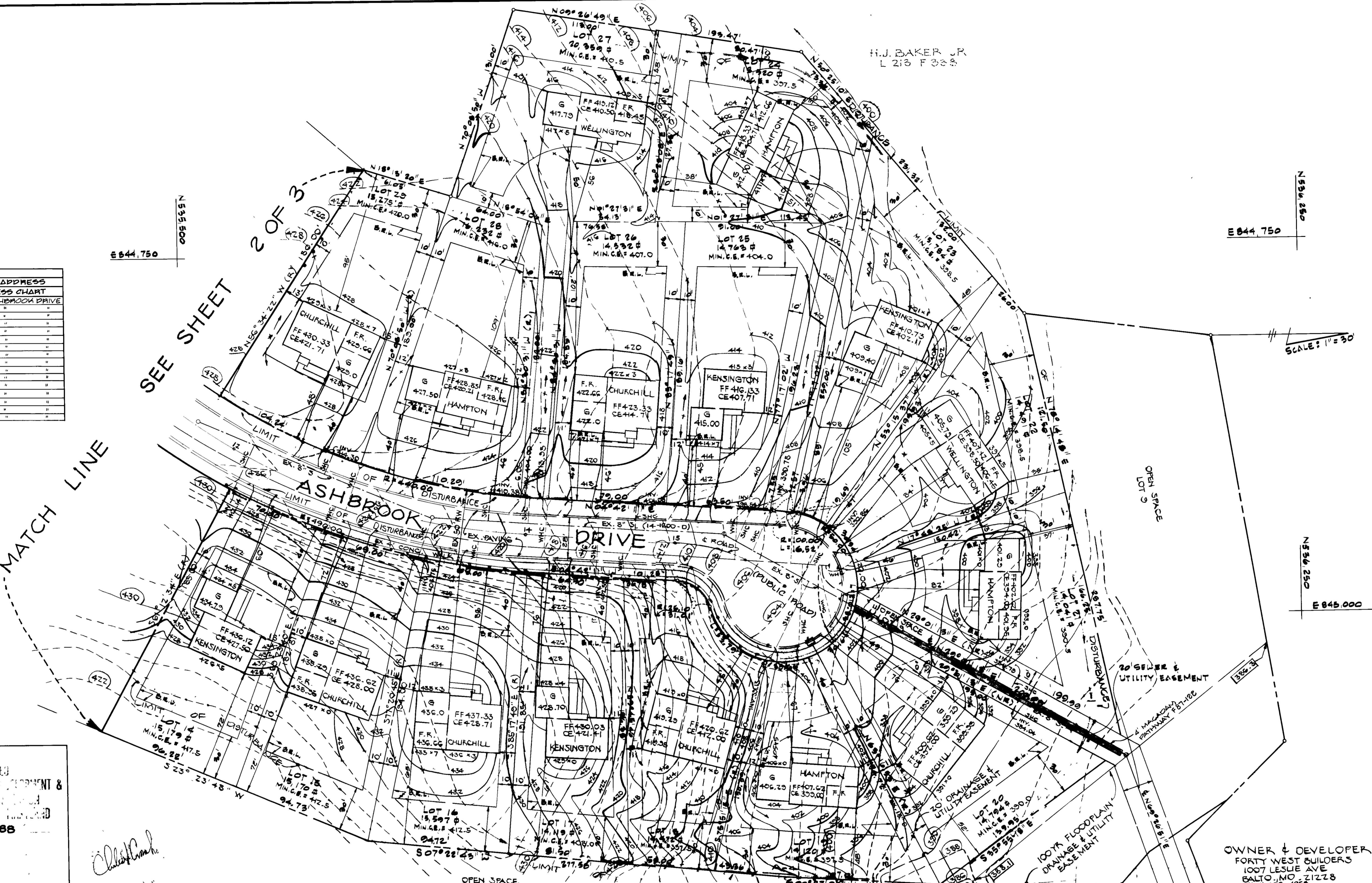
PROPERTY/SUBDIVISION SECTION/AREA PARCEL/LOT NO
MT. HEBRON 18 6-8; 10-39

PLAT NO./L.F. BLOCK NO. ZONE TAX/ZONE ELEC. DIST. CENSUS TR.
7408-7411 2-10 R-20 17 2

WATER CODE H03 SEWER CODE 1435000, 5750000

SITE DEVELOPMENT PLAN
LOTS 6-8 AND 10-39
SECTION 18
MT. HEBRON
SECOND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=30'
NOV. 17, 1987
S 07-89
F 06-67 PLATS 7408-7411 T.M. 17 P/O PARCELS 078 & F 87-122
SHEET 2 OF 3

LOT NO	STREET ADDRESS
14	2940 ASHBROOK DRIVE
15	2942 " "
16	2944 " "
17	2946 " "
18	2948 " "
19	2950 " "
20	2952 " "
21	2954 " "
22	2956 " "
23	2958 " "
24	2960 " "
25	2962 " "
26	2964 " "
27	2966 " "
28	2968 " "
29	2970 " "



APPROVED
DIVISION OF LAND PLANNING &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 1-12-88

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
(301) 461-2855

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: *Charles Carter*
DATE: 1/21/87

DEVELOPER'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 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 HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

Signature: *James M. ...*
DATE: 1/19/87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Signature: *James M. ...*
DATE: 1-29-88
U.S. SOIL CONSERVATION SERVICE

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

Signature: *James M. ...*
DATE: 1/29/88
DISTRICT HOWARD SOIL CONSERVATION DISTRICT

APPROVED OFFICE OF PLANNING AND ZONING

Signature: *James M. ...*
DATE: 2/18/88
PLANNING DIRECTOR

Signature: *James M. ...*
DATE: 2/18/88
OFFICE OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

Signature: *James M. ...*
DATE: 2/24/88
HEALTH OFFICER

APPROVED DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS

Signature: *James M. ...*
DATE: 2/24/88
DIRECTOR, PUBLIC WORKS

Signature: *James M. ...*
DATE: 2-2-88
CHIEF, BUREAU OF ENGINEERING

PROPERTY/SUBDIVISION: MT. HEBRON
SECTION/AREA: 1B
PARCEL/LOT NO: 6-8, 10-39
PLAT NO./LF: 7408-7411
BLOCK NO: 2010
ZONE: R-20
TAX/ZONE: 17
ELEC DIST: 2
CENSUS TR: 2021
WATER CODE: HOS
SEWER CODE: 1455800, 5758000

SITE DEVELOPMENT PLAN
LOTS 6-8 AND 10-39
SECTION 18
MT. HEBRON
SECOND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1"=30'
NOV. 17, 1987
857-53
858-62 PLATS 7408-7411 T.M. 17 P/O PARCELS 898 & 899
F87-17Z
SHEET 3 OF 3

OWNER & DEVELOPER
FORTY WEST BUILDERS
1007 LESLIE AVE
BALTO., MD. 21228
(301) 780-4725