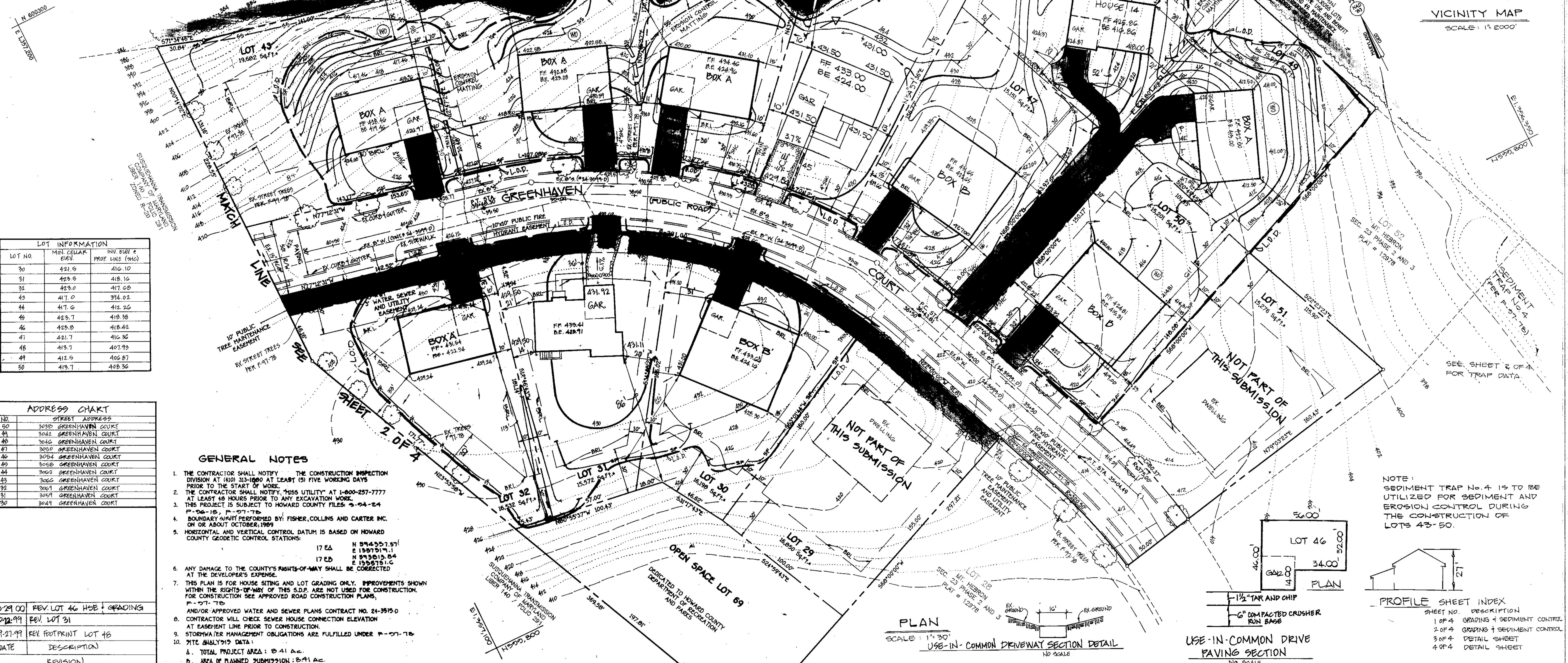
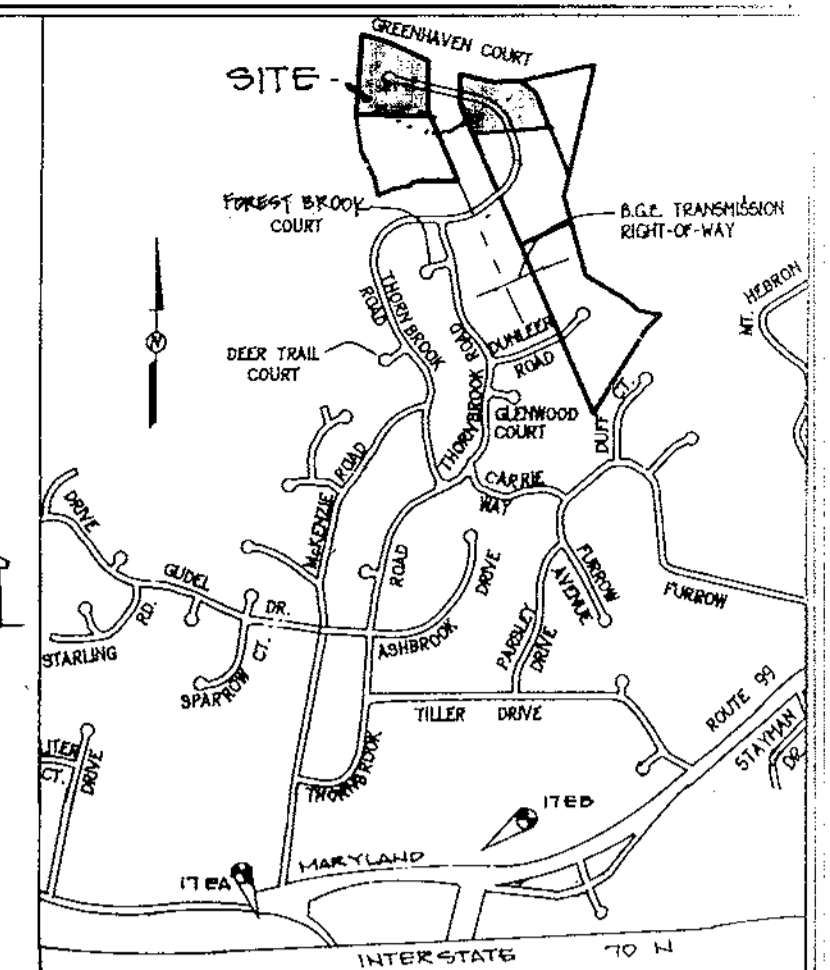
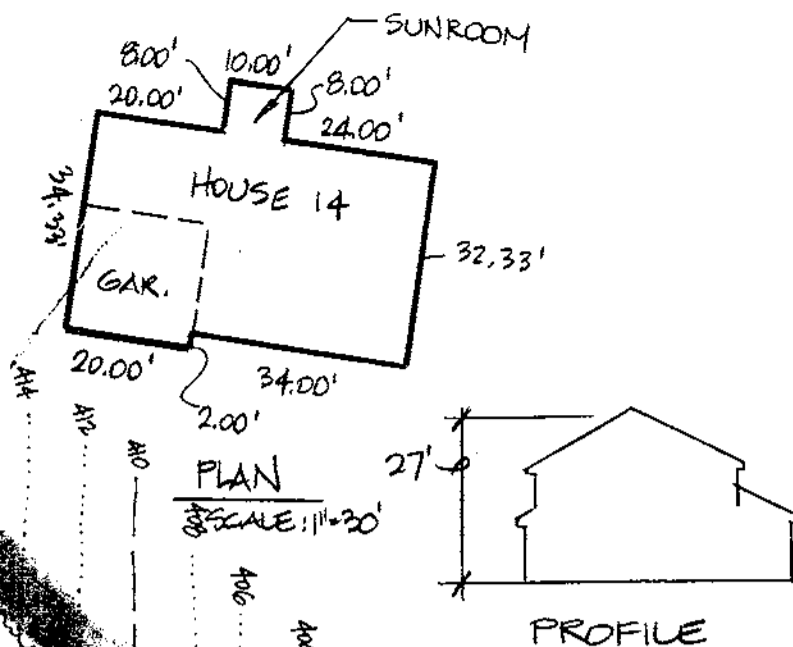
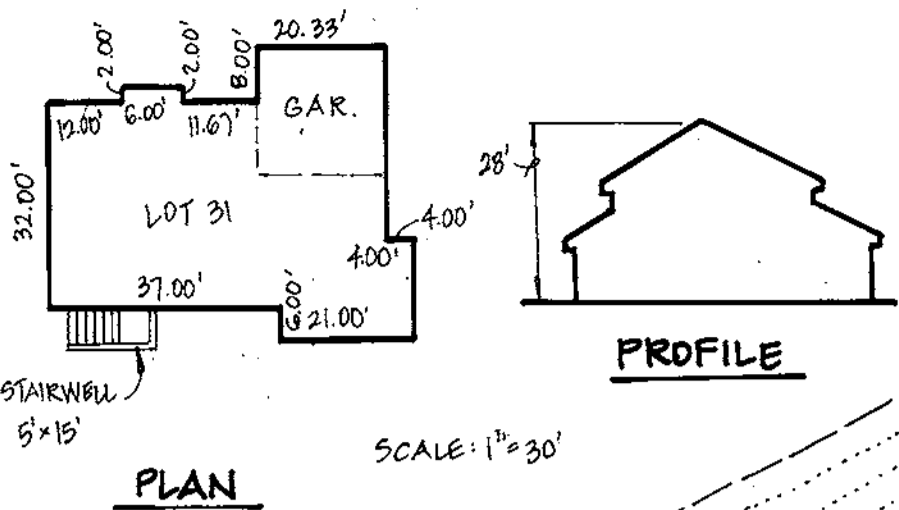


LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
+	SPOT ELEVATION
---	SILT FENCE
---	SUPER SILT FENCE
FF	FIRST FLOOR ELEVATION
BE	BASEMENT ELEVATION
(NO)	PROPOSED WALKOUT
---	TREE PROTECTION
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE
---	EXISTING STREET TREE
N.B.S.	NO BASEMENT SEWER

- ### SEQUENCE OF CONSTRUCTION
1. OBTAIN GRADING PERMIT (1 WEEK)
  2. INITIAL SEDIMENT AND EROSION CONTROL DEVICES PER PLAN (2 DAYS)
  3. CLEAR AND GRAD SITE (4 DAYS)
  4. EXCAVATE FOR FOUNDATIONS AND ROUGH GRADE (1 WEEK) PER DWELLING
  5. CONSTRUCT DWELLING (GO DAY) PER DWELLING
  6. FINE GRADE SITE, INSTALL DRIVEWAYS (2 DAYS)
  7. INSTALL PERMANENT SEEDING (2 DAYS)
  8. REMOVE SEDIMENT CONTROL DEVICES AS PERMISSION IS GRANTED BY SEDIMENT CONTROL INSPECTOR AND UPLAND AREAS HAVE BEEN STABILIZED. (2 DAYS)



### LOT INFORMATION

LOT NO.	MIN. CELLAR ELEV.	MIN. FIRST FLOOR ELEV.	PROP. LINE (ft)
30	421.9	416.10	416.10
31	423.9	418.16	418.16
32	423.0	417.08	417.08
43	417.0	414.02	414.02
44	417.6	412.26	412.26
45	423.7	419.38	419.38
46	423.8	418.42	418.42
47	421.7	416.36	416.36
48	413.7	407.99	407.99
49	412.9	406.87	406.87
50	413.7	408.36	408.36

### ADDRESS CHART

LOT NO.	STREET ADDRESS
30	3030 GREENHAVEN COURT
31	3032 GREENHAVEN COURT
32	3034 GREENHAVEN COURT
43	3036 GREENHAVEN COURT
44	3038 GREENHAVEN COURT
45	3040 GREENHAVEN COURT
46	3042 GREENHAVEN COURT
47	3044 GREENHAVEN COURT
48	3046 GREENHAVEN COURT
49	3048 GREENHAVEN COURT
50	3050 GREENHAVEN COURT

- ### GENERAL NOTES
1. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1800 AT LEAST (5) FIVE WORKING DAYS PRIOR TO THE START OF WORK.
  2. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
  3. THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES 9-24-24 FF-06-15, FF-07-7B.
  4. BOUNDARY SURVEY PERFORMED BY FISHER, COLLINS AND CARTER, INC. ON OR ABOUT OCTOBER, 1989.
  5. HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS:
 

17 EA	N 874557.571
17 EB	E 1387517.1
	N 893013.54
	E 1390519.16
  6. ANY DAMAGE TO THE COUNTY'S RIGHTS-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
  7. THIS PLAN IS FOR HOUSE SITING AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHTS-OF-WAY OF THIS S.D.P. ARE NOT USED FOR CONSTRUCTION. FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS, F-07-7B AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 24-3515-D.
  8. CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
  9. STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F-07-7B.
  10. SITE ANALYSIS DATA:
    - A. TOTAL PROJECT AREA: 8.41 AC.
    - B. AREA OF PLANNED SUBMISSION: 8.41 AC.
    - C. LIMIT OF DISTURBED AREA: 6.73 AC.
    - D. PRESENT ZONING: R-20
    - E. PROPOSED USE FOR SITE AND STRUCTURE: SINGLE FAMILY DETACHED
    - F. TOTAL NUMBER OF LOTS: 21
  11. TOPOGRAPHY IS DATED ON GRADING PLAN FOR F-07-7B.
  12. CONTRACTOR TO CHECK POWER HOUSE CONNECTION ELEVATION AT PROPERTY LINE PRIOR TO CONSTRUCTION.
  13. (DRAINAGE) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES FOR THE FOLLOWING (MINIMUM) REQUIREMENTS:
    - a) WIDTH: 12 FEET (12 FEET SERVING MORE THAN ONE VEHICLE)
    - b) SURFACE: 6% (MINIMUM) OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1% MINIMUM)
    - c) GEOMETRY: MAXIMUM 5% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING RADIUS
    - d) MAINTENANCE: SUFFICIENT TO INSURE ALL WEATHER USE.

### REVISION

DATE	DESCRIPTION
02-21-00	REV. LOT 46 HSE + GRADING
10-12-99	REV. LOT 31
9-21-99	REV. FOOTPRINT LOT 46

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTRAL SQUARE OFFICE PARK - 1872 BALTIMORE NATIONAL FEE  
 BELLICOTT CITY, MARYLAND 21104  
 410-881-2855

### 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.

Signature of Engineer (Print name below signature) *Chris Simmons* Date *6/3/99*

### DEVELOPER'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 the Environment 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.

Signature of Developer (Print name below signature) *Donal Colton* Date *6/13/98*

Reviewed for HOWARD SCD and meets Technical Requirements.

*Chris Simmons* U.S.D.A. Natural Resources Conservation Service Date *6/3/99*

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

*Donal Colton* Date *6/3/99*

### OWNER/BUILDER

MR. H. JONES BAKER, JR. et al.  
 2106 MOUNT HEBRON DRIVE  
 BELLICOTT CITY, MARYLAND 21103

APPROVED: DEPARTMENT OF PLANNING AND ZONING

*Chris Simmons* Date *6/29/99*

*Chris Simmons* Date *6/29/99*

*Chris Simmons* Date *6/21/99*

Subdivision: MT. HEBRON SECTION/PHASE: 23/243 LOT NO.: 30-50

PLAT NO.: 10070110000 BLOCK NO.: 3 ZONE: R-20 TAX/ZONE: 17 ELEC. DIST.: 2ND CENSUS TR.: 6021

WATER CODE: H03 SEWER CODE: 57528000

### SITE DEVELOPMENT PLAN, GRADING & SEDIMENT CONTROL PLAN

## MT. HEBRON

### SECTION 23 - PHASES 2 AND 3

### LOTS 30 THRU 50

ZONING R-20

TAX MAP 17, PART OF PARCEL 37, GRID 3  
 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 DATE: 9-24-24, F-06-15

SHEET 1 OF 4 F-07-7B, SPD-00-10

NOTE:  
EXISTING SEDIMENT TRAP No. 2  
IS TO BE UTILIZED FOR SEDIMENT  
AND EROSION CONTROL DURING  
THE CONSTRUCTION OF LOTS 33-42

EXISTING SEDIMENT  
TRAP No. 2 (PER F-07-78)  
(SEE THIS SHEET FOR DATA)

PROPERTY OF  
STATE OF MARYLAND  
DEPARTMENT OF FOREST AND PARKS  
LIBER 333 FOLIO 302

RELOCATE EARTH DIKE  
AND TREE PROTECTION  
FENCE ON LOT 42  
FOR THE COMPLETION  
OF PROPOSED GRADING.

LOT INFORMATION

LOT NO.	MIN. CELLAR ELEV.	MIN. ELEV. E PROF. LINE (9HC)
33	379.0	
34	380.6	375.26
35	380.3	375.31
36	380.7	376.83
37	380.7	376.93
38	381.0	376.49
39	380.8	376.46
40	386.5	382.91
41	393.0	388.03
42	378.7	373.74

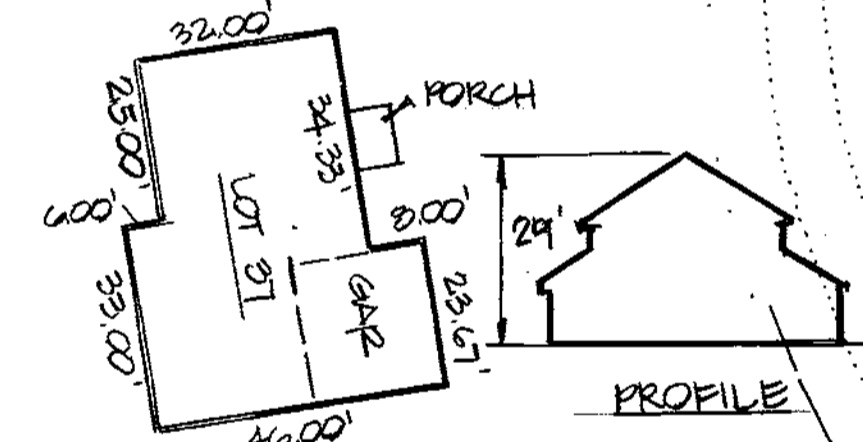
ADDRESS CHART

NO.	STREET ADDRESS
33	3087 GREENHAVEN COURT
34	3091 GREENHAVEN COURT
35	3095 GREENHAVEN COURT
36	3099 GREENHAVEN COURT
37	3103 GREENHAVEN COURT
38	3107 GREENHAVEN COURT
39	3111 GREENHAVEN COURT
40	3085 GREENHAVEN COURT
41	3082 GREENHAVEN COURT
42	3078 GREENHAVEN COURT

LEGEND

Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
• 624	Spot Elevation
-SF-SF	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
W	Proposed Walkout
---	Earth Dike
-X-X-	Tree Protection
---	Existing Tree Line
L.O.D.	Limit of Disturbance
(S)	Existing Street Tree

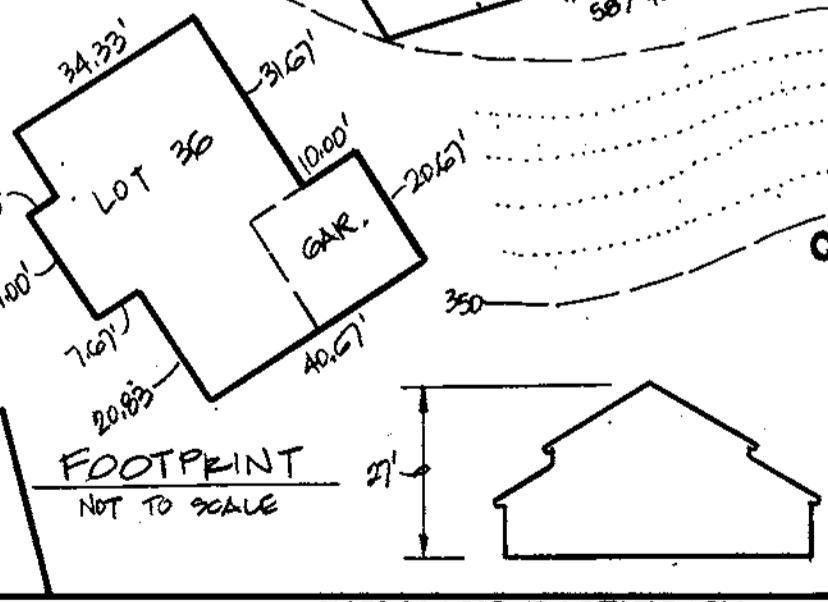
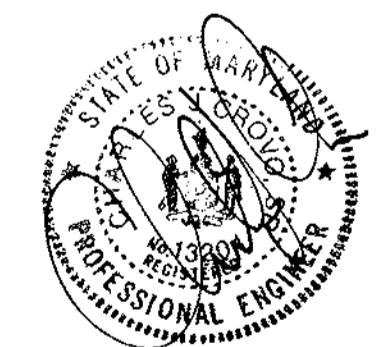
TRAP DATA  
F-77-78 STONE OUTLET # II  
DRAINAGE AREA: 2.97 AC ±  
STORAGE REQUIRED: 10,692 C.F.  
STORAGE PROVIDED: 10,780 C.F.  
WEIR CREST ELEVATION: 353.00  
BOTTOM ELEVATION: 350.00  
DEPTH: 3.00'  
SIDE SLOPES: 2:1  
TOP EMBANKMENT ELEVATION: 354.00  
WEIR LENGTH: 10.00'  
CLEANOUT ELEVATION: 351.50



NOTE: RELOCATE EARTH DIKE  
ON LOT 36 AND PART OF  
LOT 35 MAINTAINING A  
POSITIVE FLOW TO  
SEDIMENT TRAP No. 2

REVISIONS

DATE	DESCRIPTION
12-10-99	REV. MOD. & GRD ON LOT 37
7-8-99	REV. MOD. & GRD ON LOT 36



TRAP DATA

TRAP NO.	STONE OUTLET ST 2	STONE OUTLET ST 4
DRAINAGE AREA	2.97 AC ±	2.65 AC ±
STORAGE REQUIRED	10,692 C.F.	9,540 C.F.
STORAGE PROVIDED	10,780 C.F.	10,696 C.F.
WEIR CREST ELEV.	353.0	362.0
BOTTOM ELEV.	350.0	361.0
DEPTH	3'	4'
SIDE SLOPES	2:1	2:1
TOP EMBANKMENT	354.0	366.0
WEIR LENGTH	10'	11'
CLEANOUT ELEV.	351.50	363.0

**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.  
Signature of Engineer (Print name below signature) *James W. Baker* Date *11/13/98*

**DEVELOPER'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 the Environment 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.  
Signature of Developer (Print name below signature) *James W. Baker* Date *11/13/98*

Reviewed for HOWARD SCD and meets Technical Requirements.  
*Kevin Sumner* 6/3/99 Date  
U.S.D.A. Natural Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*James W. Baker* 6/3/99 Date  
Howard SCD

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*James W. Baker* 6/22/99 Date  
Director - Department of Planning and Zoning  
*James W. Baker* 6/25/99 Date  
Chief, Division of Land Development  
*James W. Baker* 6/26/99 Date  
Chief, Development Engineering Division MK

**SITE DEVELOPMENT PLAN,  
GRADING & SEDIMENT CONTROL  
PLAN**

**MT. HEBRON**  
SECTION 23 - PHASES 2 AND 3  
LOTS 30 THRU 50  
ZONING R-20

TAX MAP 17, PART OF PARCEL 37, GRID 3  
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
DATE: 6-24-24, F-06-15 SHEET 2 OF 4 F-07-78, S.D.P. 07-10

**OWNER / BUILDER**  
MR. H. JAMES BAKER, JR. et al.  
2106 MOUNT HEBRON DRIVE  
ELLIOTT CITY, MARYLAND 20645

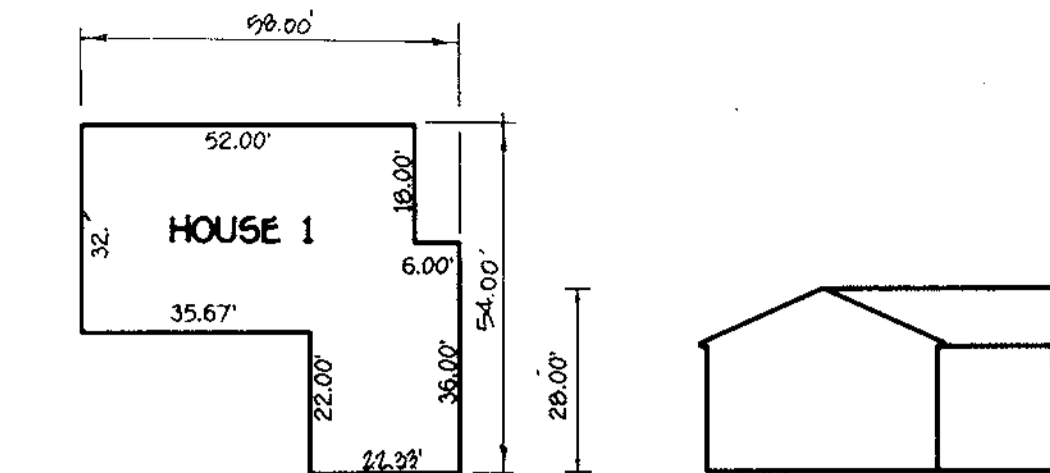
SUBDIVISION: MT. HEBRON SECTION/PHASE: 23/2+3 LOT NO.: 30-50

PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
12070+12081	3	R-20	17	2 HP	6021

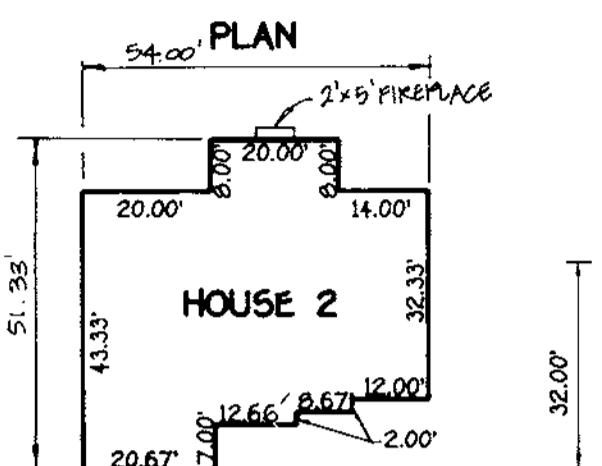
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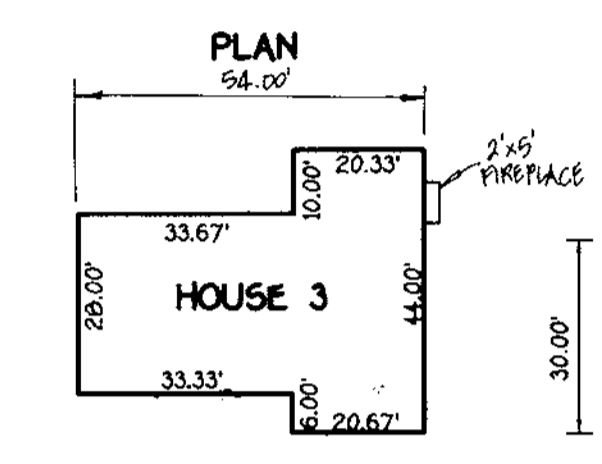




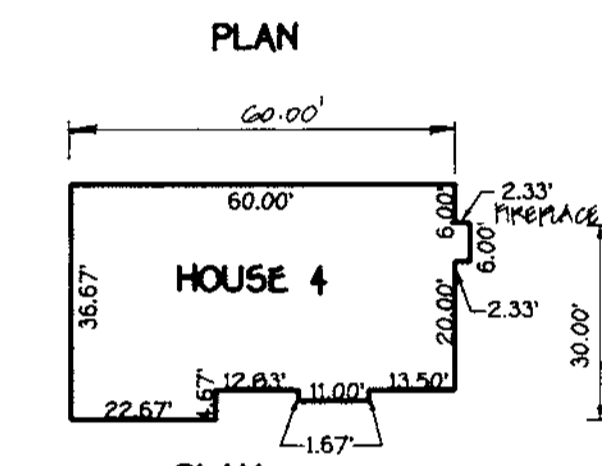
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PROFILE

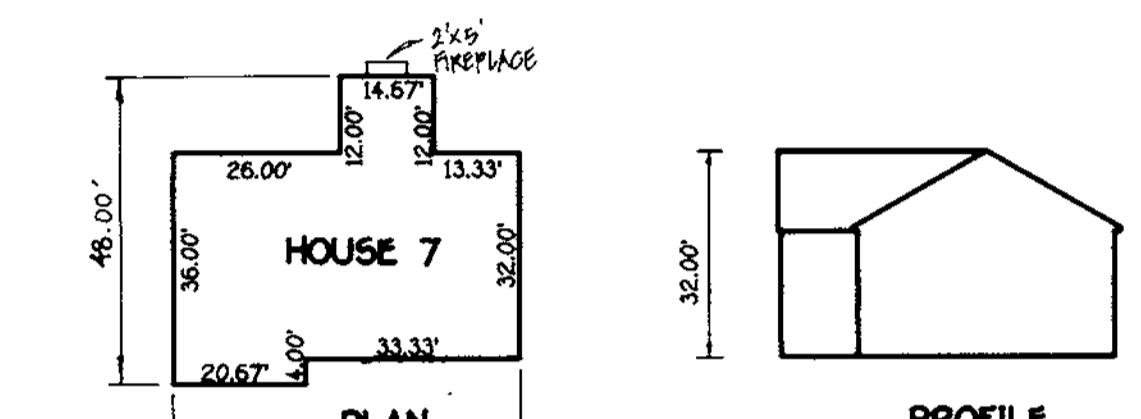


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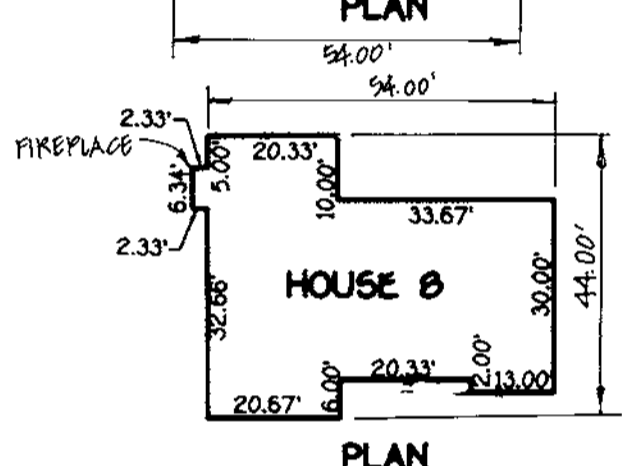


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SCALE: 1" = 30'

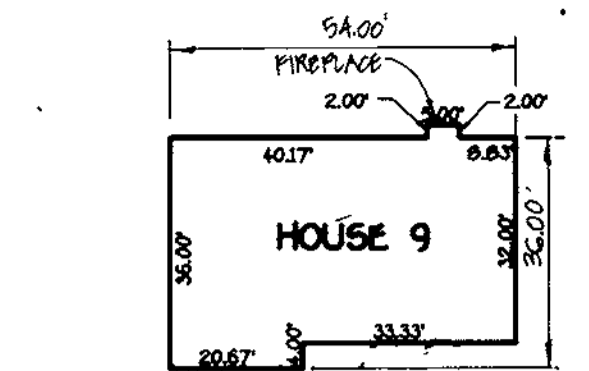


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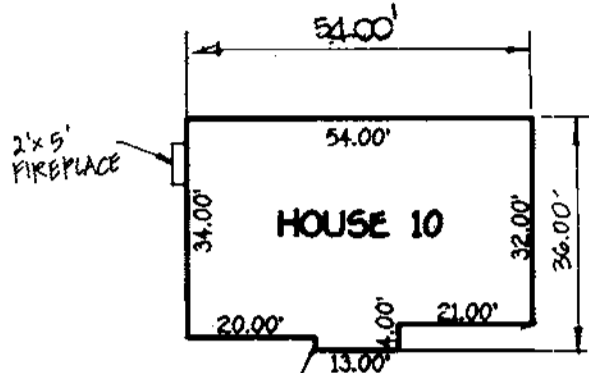


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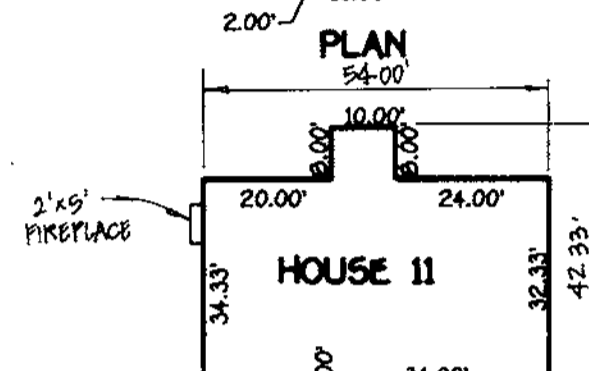
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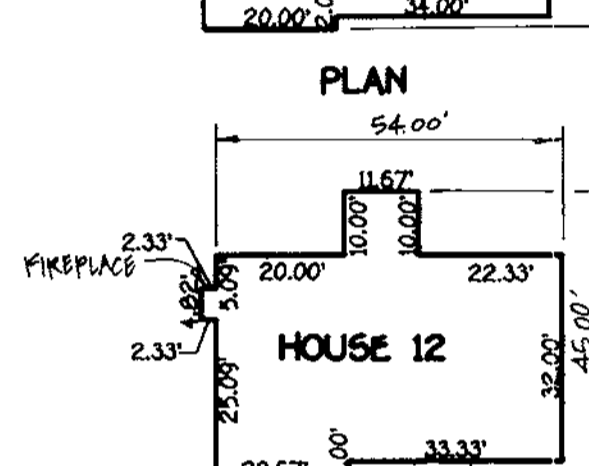
PROFILE



PROFILE

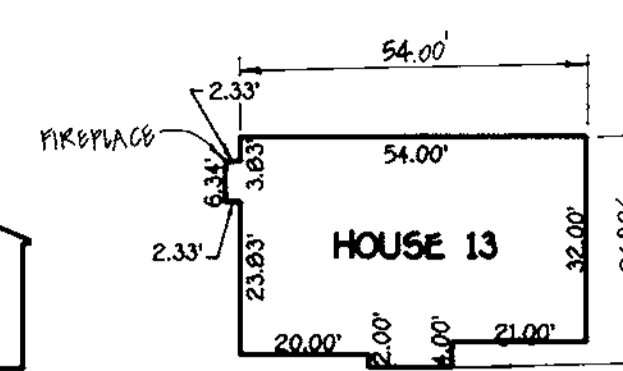


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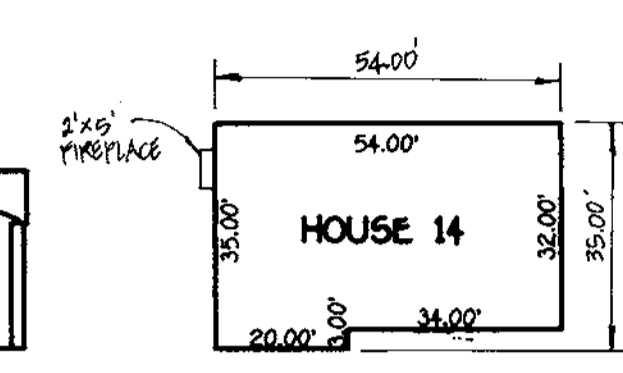


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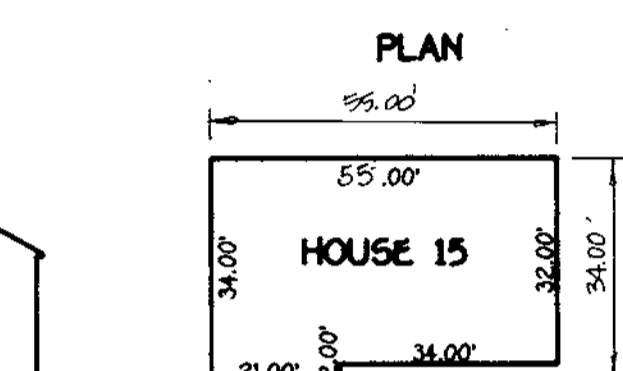
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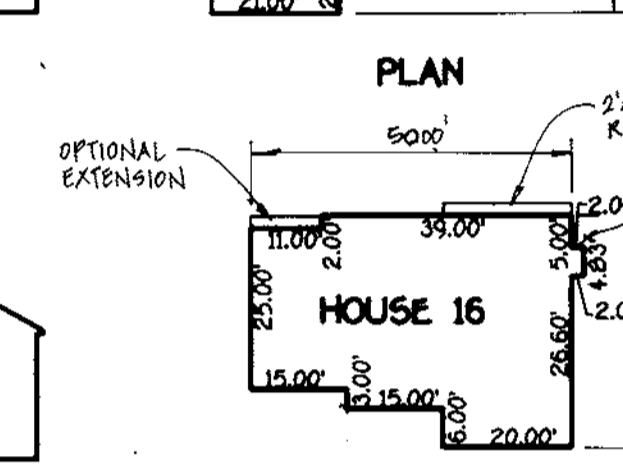
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PROFILE

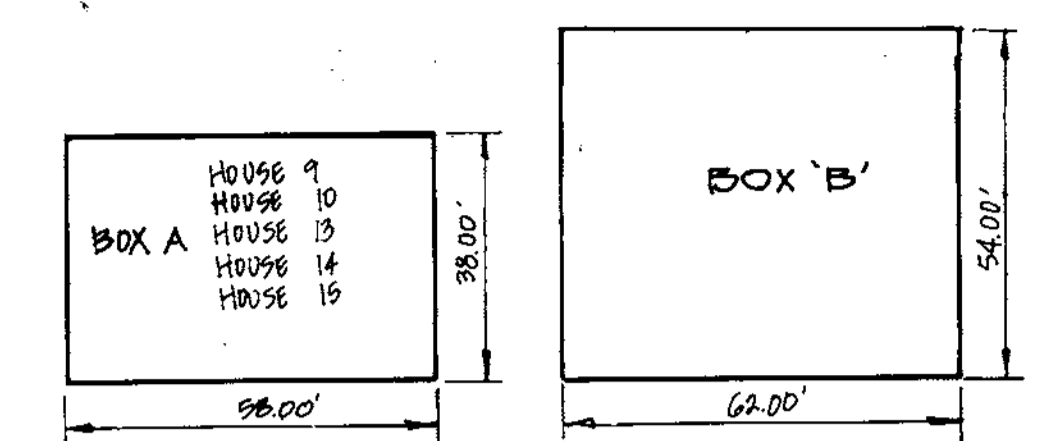


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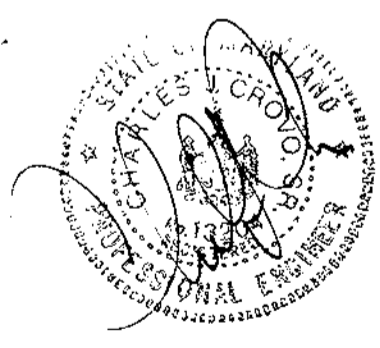
PROFILE

SCALE: 1" = 30'



- HOUSE 1
- HOUSE 2
- HOUSE 3
- HOUSE 4
- HOUSE 5
- HOUSE 6
- HOUSE 7
- HOUSE 8
- HOUSE 9
- HOUSE 10
- HOUSE 11
- HOUSE 12
- HOUSE 13
- HOUSE 14
- HOUSE 15
- HOUSE 16

SCALE: 1" = 30'



**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.

Signature of Engineer (Print name below signature) Chad Simmons Date 11/18/98

**DEVELOPER'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 the Environment 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.

Signature of Developer (Print name below signature) Donna Calhoun Date 11/18/98

Reviewed for HOWARD SCD and meets Technical Requirements. Chad Simmons Date 6/3/99

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT. John V. Christensen Date 6/3/99

**OWNER**

MR. H. JONES BALES, JR. et al.  
5100 MOUNT HEBRON DRIVE  
BULLCOTT CITY, MARYLAND  
21043

**APPROVED DEPARTMENT OF PLANNING AND ZONING**

Director - Department of Planning and Zoning 6/29/99  
Date  
Chief, Division of Land Development 6/25/99  
Date  
Chief, Development Engineering Division 6/21/99  
Date

SUBDIVISION MT. HEBRON		SECTION/AREA SEC. 23 PH. 2&3	LOT NOS. 30-50	
PLAT NO. 12979 & 12981	BLOCK NO. 3	ZONE R-20	TAX/ZONE 17	ELEC. DIST. 2ND
WATER CODE H03		SEWER CODE 5790000		
		CENSUS TR. G021		

**DETAIL SHEET**

**MT. HEBRON**  
SECTION 23 - PHASES 2 AND 3  
LOTS 30-50  
ZONING R-20

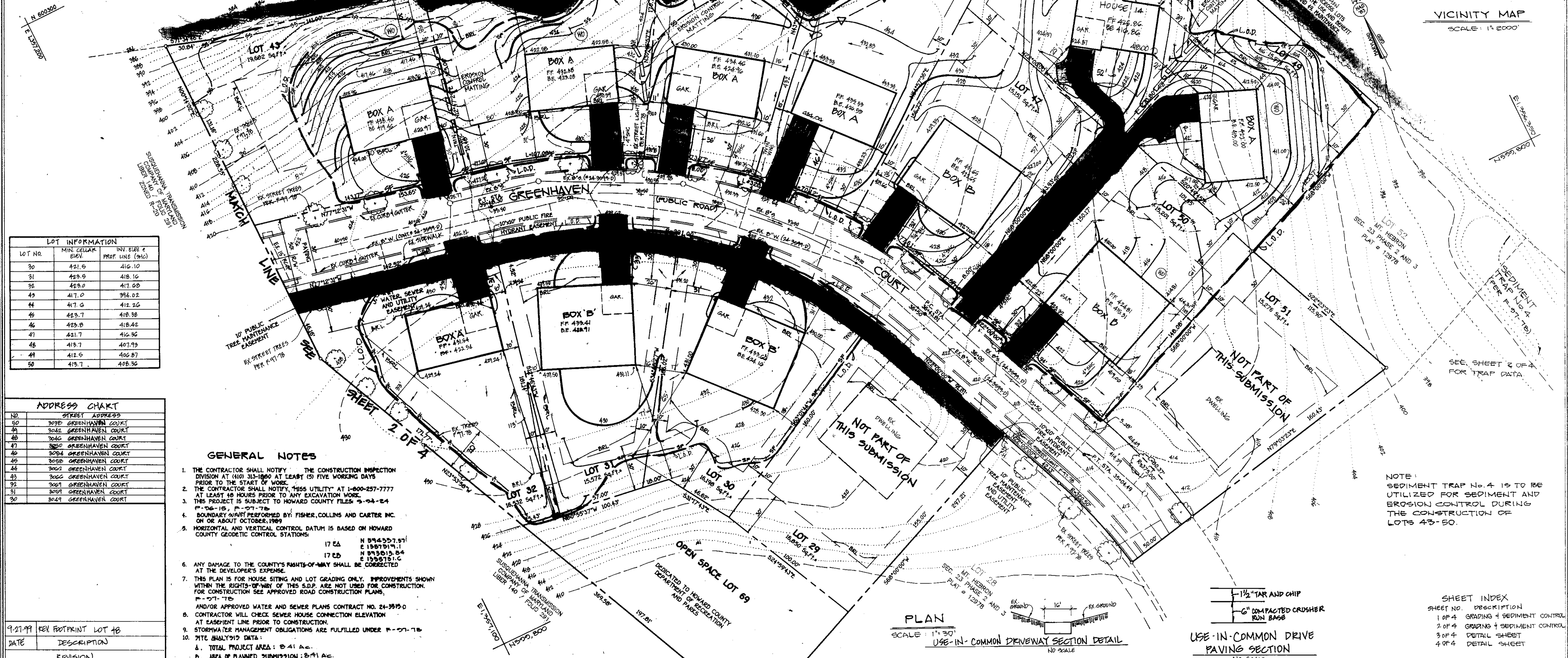
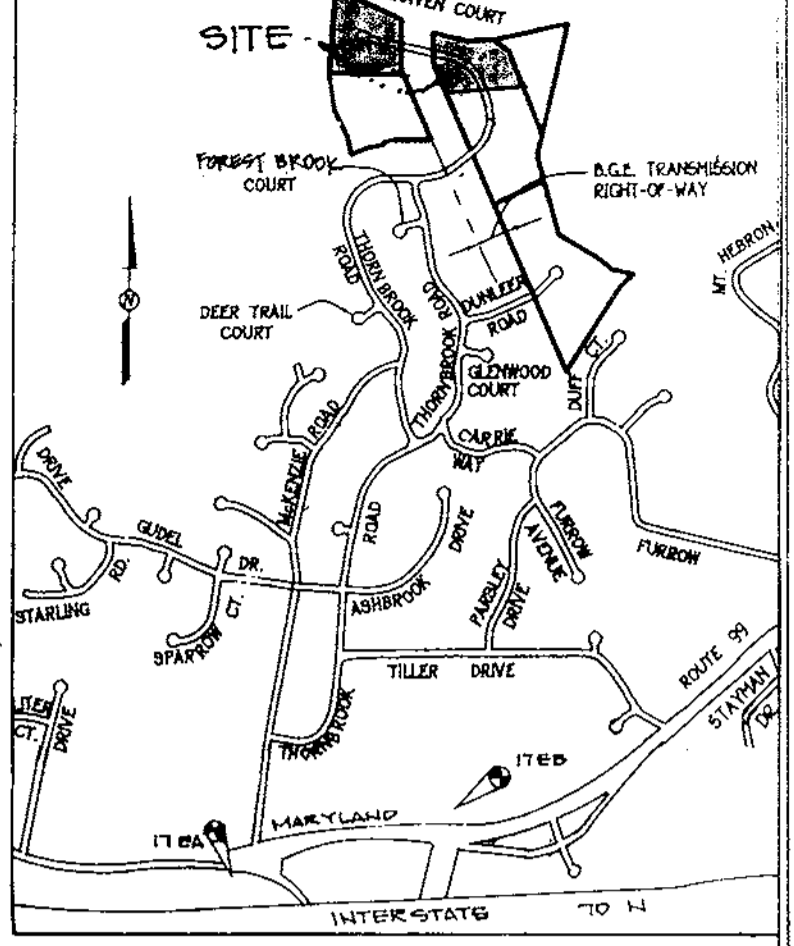
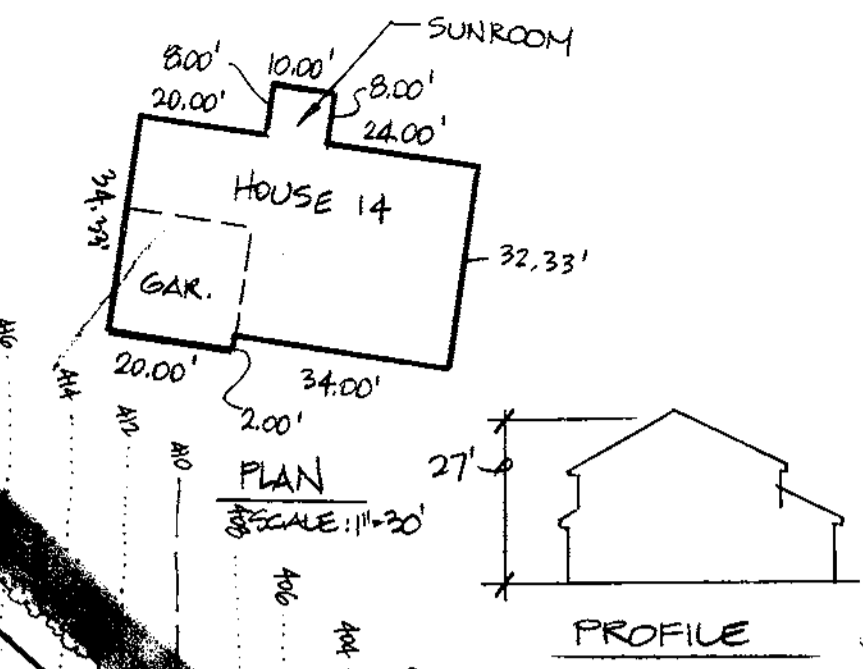
TAX MAP 17, PART OF PARCEL 37, GRID 3  
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
DATE: MAY, 1998  
SHEET 4 OF 4

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE  
ELLICOTT CITY, MARYLAND 21117  
(410) 486-2999

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
+ G.S.A.	SPOT ELEVATION
— 9' — 9'	SILT FENCE
— 9' — 9'	SUPER SILT FENCE
FF	FIRST FLOOR ELEVATION
B.E.	BASEMENT ELEVATION
(NO)	PROPOSED WALKOUT
---	TREE PROTECTION
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE
---	EXISTING STREET TREE
N.B.S.	NO BASEMENT SEWER

**SEQUENCE OF CONSTRUCTION**

1. OBTAIN GRADING PERMIT. (1 WEEK)
2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES PER PLAN (2 DAYS)
3. CLEAR AND GRUB SITE (4 DAYS)
4. EXCAVATE FOR FOUNDATIONS AND ROUGH GRADE. (1 WEEK) PER DWELLING
5. CONSTRUCT DWELLING (60 DAYS PER DWELLING)
6. FINE GRADE SITE, INSTALL DRIVEWAYS (2 DAYS)
7. INSTALL PERMANENT SEEDING (2 DAYS)
8. REMOVE SEDIMENT CONTROL DEVICES AS PERMISSION IS GRANTED BY SEDIMENT CONTROL INSPECTOR AND UPLAND AREAS HAVE BEEN STABILIZED. (2 DAYS)



LOT INFORMATION		
LOT NO.	MIN. ELEV. ELEV.	INT. ELEV. & PROF. LINE (ft.)
30	421.9	416.10
31	423.9	418.10
32	423.0	417.08
43	417.0	394.02
44	417.0	412.26
45	423.7	418.38
46	423.8	418.42
47	421.7	416.36
48	413.7	407.93
49	412.9	406.87
50	413.7	408.36

ADDRESS CHART	
NO.	STREET ADDRESS
50	3038 GREENHAVEN COURT
49	3042 GREENHAVEN COURT
48	3046 GREENHAVEN COURT
47	3050 GREENHAVEN COURT
46	3054 GREENHAVEN COURT
45	3058 GREENHAVEN COURT
44	3062 GREENHAVEN COURT
43	3066 GREENHAVEN COURT
32	3070 GREENHAVEN COURT
31	3074 GREENHAVEN COURT
30	3078 GREENHAVEN COURT

**GENERAL NOTES**

1. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1900 AT LEAST (5) FIVE WORKING DAYS PRIOR TO THE START OF WORK.
2. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
3. THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: 9-24-24 F-26-15, F-27-7B.
4. BOUNDARY SURVEY PERFORMED BY FISHER, COLLINS AND CARTER INC. ON OR ABOUT OCTOBER, 1989.
5. HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS:
 

17 EA	N 574557.571
	E 1387919.11
17 EB	N 873613.84
	E 1385781.6
6. ANY DAMAGE TO THE COUNTY'S RIGHTS-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
7. THIS PLAN IS FOR HOUSE SITING AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHTS-OF-WAY OF THIS S.D.P. ARE NOT USED FOR CONSTRUCTION. FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS, F-27-7B AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 24-3515-D.
8. CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
9. STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F-27-7B.
10. SITE ANALYSIS DATA:
  - A. TOTAL PROJECT AREA: 8.41 AC.
  - B. AREA OF PLANNED SUBMISSION: 8.71 AC.
  - C. LIMIT OF DISTURBED AREA: 6.73 AC.
  - D. PRECINCT ZONING: R-20
  - E. PROPOSED USE FOR SITE AND STRUCTURES: SINGLE FAMILY DETACHED
  - F. TOTAL NUMBER OF LOTS: 21
11. TOPOGRAPHY IS BASED ON GRADING PLANS FOR F-27-7B.
12. CONTRACTOR TO CHECK POWER HOUSE CONNECTION ELEVATION AT PROPERTY LINE PRIOR TO CONSTRUCTION.
13. CONTRACTOR SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING (MINIMUM) REQUIREMENTS:
  - A) WIDTH IS FIVE (5) FEET (MINIMUM) MORE THAN ONE RESIDENCE.
  - B) SURFACE: SIX (6) INCHES OF COMPACTED CRUSHER, RUN BASE WITH TAR AND CHIP TOPPING (1 1/2" MINIMUM).
  - C) GEOMETRIC: MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGES AND 45-FOOT TURNING RADIUS.
  - D) MAINTENANCE: SUFFICIENT TO INSURE ALL WEATHER USE.

DATE	DESCRIPTION
9-27-99	REV. FOOTPRINT LOT 48

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 NATIONAL SEWERAGE OFFICE PARK - 1675 BALDWIN NATIONAL PARK  
 ELICOTT CITY, MARYLAND 21043  
 410-981-2555

**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.

Signature of Engineer (Print name below signature) *John M. Karol* Date *6/13/99*

**DEVELOPER'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 the Environment 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."

Signature of Developer (Print name below signature) *John M. Karol* Date *6/13/99*

**OWNER/BUILDER**

MR. H. JONES BAKER, JR. et al.  
 2106 MOUNT HEBRON DRIVE  
 ELICOTT CITY, MARYLAND 21043

Reviewed for HOWARD SCD and meets Technical Requirements.  
 U.S.D.A.-Natural Resources Conservation Service  
 Approved: *John M. Karol* Date *6/13/99*  
 Approved: *John M. Karol* Date *6/13/99*

**APPROVED: DEPARTMENT OF PLANNING AND ZONING**

Approved: *John M. Karol* Date *6/13/99*  
 Approved: *John M. Karol* Date *6/13/99*  
 Approved: *John M. Karol* Date *6/13/99*

SUBDIVISION		SECTION/PHASE		LOT NO.
MT. HEBRON		23 / 24 3		30 - 50
PLAT NO.	BLOCK NO.	ZONE	TAX/DIST.	CENSUS TR.
12070, 11000	3	R-20	17	6021
WATER CODE		SEWER CODE		
403		5758000		

**SITE DEVELOPMENT PLAN, GRADING & SEDIMENT CONTROL PLAN**

**MT. HEBRON**  
 SECTION 23 - PHASES 2 AND 3  
 LOTS 30 THRU 50  
 ZONING R-20  
 TAX MAP 17, PART OF PARCEL 37, GRID 3  
 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 DATE: 9-24-24, P-26-15 SHEET 1 OF 4 F-27-7B, SFD-20-10

NOTE:  
EXISTING SEDIMENT TRAP NO. 2  
IS TO BE UTILIZED FOR SEDIMENT  
AND EROSION CONTROL DURING  
THE CONSTRUCTION OF LOTS 33-42

EXISTING SEDIMENT  
TRAP NO. 2 (PER F-07-78)  
(SEE THIS SHEET FOR DATA)

PROPERTY OF  
STATE OF MARYLAND  
DEPARTMENT OF FOREST AND PARKS  
LIBER 333 FOLIO 302

RELOCATE EARTH DIKE  
AND TREE PROTECTION  
FENCE ON LOT 42  
FOR THE COMPLETION  
OF PROPOSED GRADING.

LOT INFORMATION		
LOT NO.	MIN. CELLAR ELEV.	INV. ELEV. @ PROF. LINE (94%)
33	399.0	
34	380.6	375.26
35	380.3	375.31
36	380.9	376.83
37	380.7	376.93
38	381.2	376.49
39	380.8	376.46
40	386.5	382.91
41	393.0	388.91
42	398.7	393.74

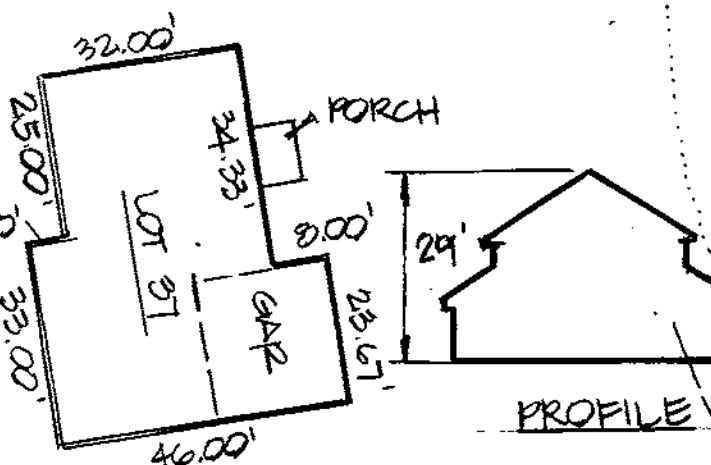
ADDRESS CHART	
NO.	STREET ADDRESS
33	3087 GREENHAVEN COURT
34	3091 GREENHAVEN COURT
35	3095 GREENHAVEN COURT
36	3099 GREENHAVEN COURT
37	3103 GREENHAVEN COURT
38	3107 GREENHAVEN COURT
39	3111 GREENHAVEN COURT
40	3115 GREENHAVEN COURT
41	3119 GREENHAVEN COURT
42	3123 GREENHAVEN COURT

LEGEND	
Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
*	Spot Elevation
SF-SF	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
⊙	Proposed Walkout
---	Earth Dike
X-X	Tree Protection
---	Existing Tree Line
L.O.D.	Limit Of Disturbance
⊙	Existing Street Tree

TRAP DATA  
F-71-78 STONE OUTLET # II  
DRAINAGE AREA: 2.97 AC.  
STORAGE REQUIRED: 10,692 C.F.  
STORAGE PROVIDED: 10,896 C.F.  
WEIR CREST ELEVATION: 353.0  
BOTTOM ELEVATION: 350.0  
DEPTH: 3.00'  
SIDE SLOPES: 2:1  
TOP EMBANKMENT ELEVATION: 354.0  
WEIR LENGTH: 10.00'  
CLEANOUT ELEVATION: 351.50

PROPERTY OF  
STATE OF MARYLAND  
DEPARTMENT OF FOREST AND PARKS  
LIBER 333 FOLIO 302

EX. PUBLIC  
DRAINAGE AND  
UTILITY EASEMENT



NOTE: RELOCATE EARTH DIKE  
ON LOT 36 AND PART OF  
LOT 35 MAINTAINING A  
POSITIVE FLOW TO  
SEDIMENT TRAP NO. 2

SCALE 1"=30'

DATE	DESCRIPTION	REVISIONS
12-10-99	REV. MOD. & GRD ON LOT 37	
7-8-99	REV. MOD. & GRD ON LOT 36	

TRAP DATA		
TRAP NO.	STONE OUTLET ST 2	STONE OUTLET ST 1
DRAINAGE AREA	2.97 AC.	2.85 AC.
STORAGE REQUIRED	10,692 C.F.	9,540 C.F.
STORAGE PROVIDED	10,780 C.F.	10,896 C.F.
WEIR CREST ELEV.	353.0	385.0
BOTTOM ELEV.	350.0	381.0
DEPTH	3'	4'
SIDE SLOPES	2:1	2:1
TOP EMBANKMENT	354.0	386.0
WEIR LENGTH	10'	11'
CLEANOUT ELEV.	351.50	383.0

**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.

*John K. Corwiser*  
Signature of Engineer (Print name below signature) Date 6/3/99

**DEVELOPER'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 the Environment 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.

*John K. Corwiser*  
Signature of Developer (Print name below signature) Date 11/13/98

Reviewed for HOWARD SCD and meets Technical Requirements.  
*John K. Corwiser* 6/3/99  
U.S.D.A. Natural Resources Conservation Service  
Date

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*John K. Corwiser* 6/3/99  
Date

**OWNER / BUILDER**  
MR. W. JONES BAKER, JR. et al.  
3106 MOUNT HERMON DRIVE  
BELLKOTT CITY, MARYLAND 20845

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*John K. Corwiser* 6/29/99  
Director - Department of Planning and Zoning  
Date

*John K. Corwiser* 6/29/99  
Chief, Division of Land Development  
Date

*John K. Corwiser* 6/29/99  
Chief, Development Engineering Division MK  
Date

SUBDIVISION: MT. HEBRON SECTION/PHASE: 23/243 LOT NO.: 30-50  
PLAT NO.: 3 BLOCK NO.: 3 ZONE: R-20 TAX/ZONE: 2ND ELEC. DIST.: 2ND CENSUS TR.: 6021  
WATER CODE: H03 SEWER CODE: 5758000

**SITE DEVELOPMENT PLAN,  
GRADING & SEDIMENT CONTROL  
PLAN**

**MT. HEBRON**  
SECTION 23 - PHASES 2 AND 3  
LOTS 30 THRU 50  
ZONING R-20

TAX MAP 17, PART OF PARCEL 37, GRID 3  
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
DATE: 6-29-99 SHEET 2 OF 4 F-07-78, SDP-02-10

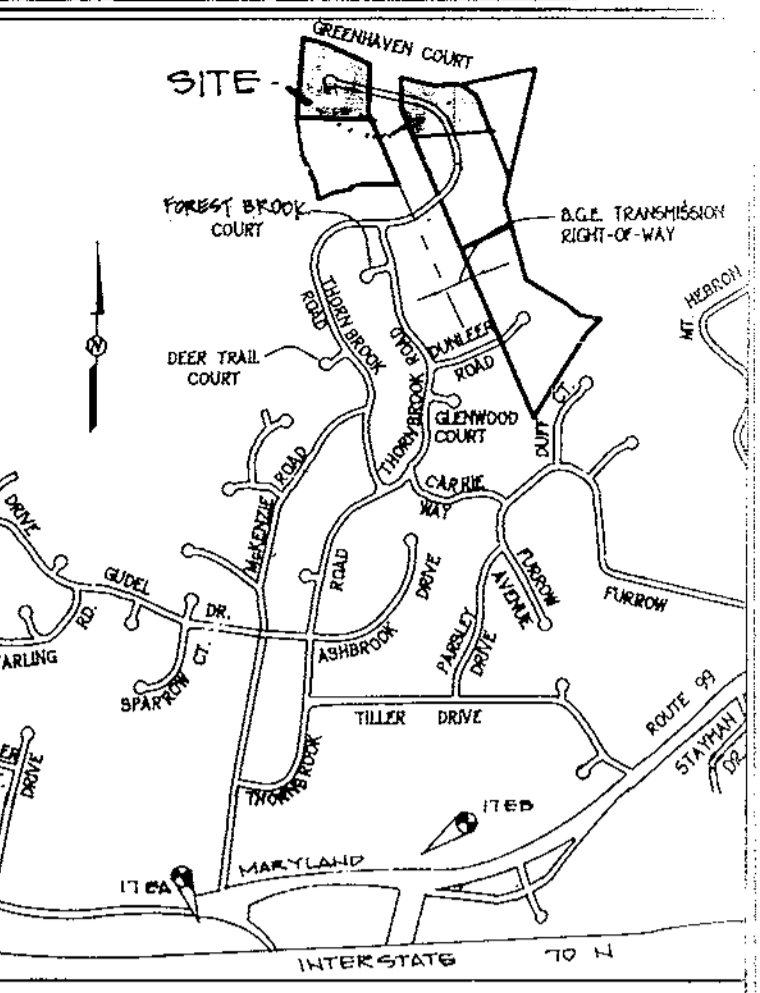
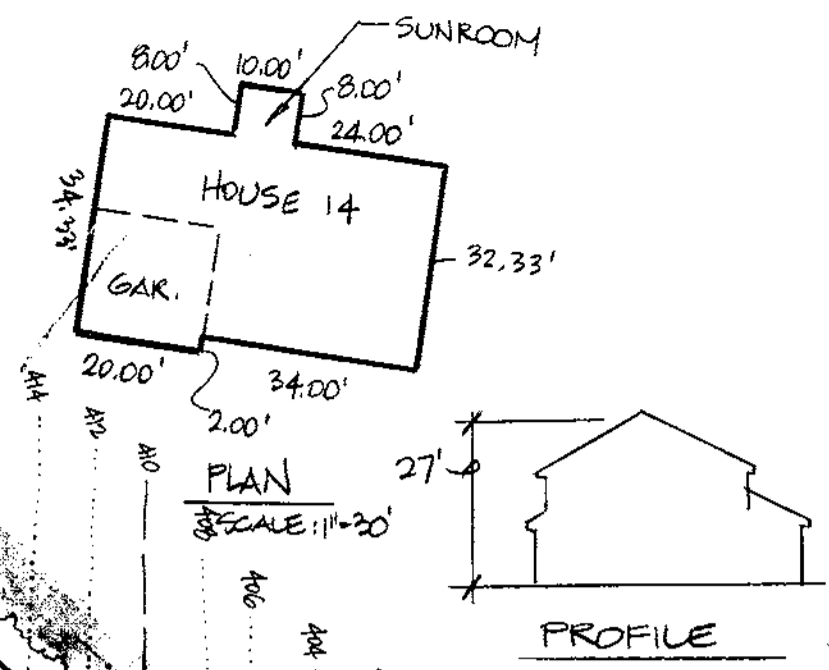
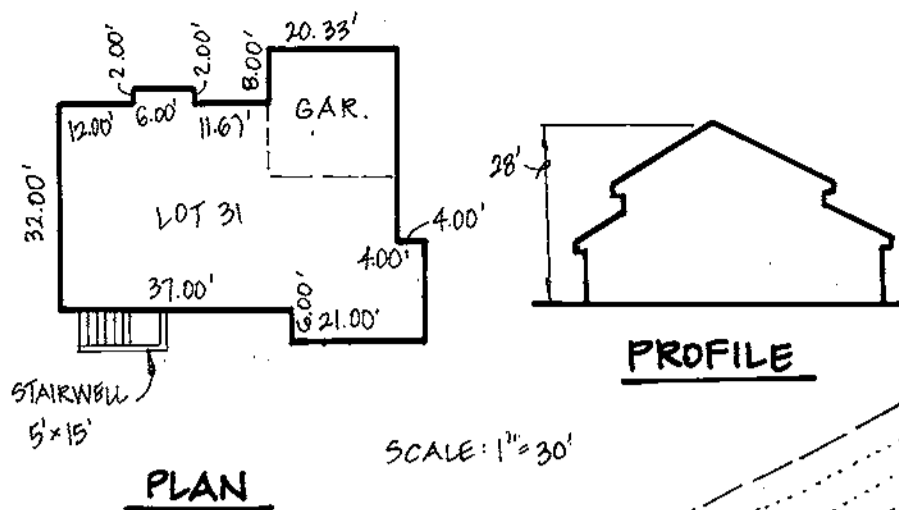
**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 10722 BALTIMORE NATIONAL PIKE  
BELLKOTT CITY, MARYLAND 20845  
410-481-2955

GDWHG30462330492 sec 23 ph 2 site plan.dwg

SDP 99-10

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
+ G24	SPOT ELEVATION
-9'-9"	SILT FENCE
-9'-95"	SUPER SILT FENCE
FF	FIRST FLOOR ELEVATION
BE	BASEMENT ELEVATION
(NO)	PROPOSED WALKOUT
x-x	TREE PROTECTION
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE
---	EXISTING STREET TREE
N.B.S.	NO BASEMENT SEWER

- ### SEQUENCE OF CONSTRUCTION
- OBTAIN GRADING PERMIT. (1 WEEK)
  - INSTALL SEDIMENT AND EROSION CONTROL DEVICES PER PLAN (2 DAYS)
  - CLEAR AND GRUB SITE (4 DAYS)
  - EXCAVATE FOR FOUNDATIONS AND ROUGH GRADE (1 WEEK) PER DWELLING
  - CONSTRUCT DWELLING (60 DAYS) PER DWELLING
  - FINE GRADE SITE, INSTALL DRIVEWAYS (2 DAYS)
  - INSTALL PERMANENT SEEDING (2 DAYS)
  - REMOVE SEDIMENT CONTROL DEVICES AS PERMISSION IS GRANTED BY SEDIMENT CONTROL INSPECTOR AND UPLAND AREAS HAVE BEEN STABILIZED. (2 DAYS)



LOT INFORMATION		
LOT NO.	MIN. CELLAR ELEV.	MIN. ELEV. & PROP. LINE (94%)
30	421.9	416.10
31	423.9	418.16
32	423.0	417.68
33	417.0	394.02
34	417.6	412.26
35	423.7	418.38
36	423.8	418.42
37	421.7	416.36
38	413.7	407.93
39	412.9	406.87
40	413.7	428.36

ADDRESS CHART	
NO.	STREET ADDRESS
50	3038 GREENHAVEN COURT
51	3042 GREENHAVEN COURT
52	3046 GREENHAVEN COURT
53	3050 GREENHAVEN COURT
54	3054 GREENHAVEN COURT
55	3058 GREENHAVEN COURT
56	3062 GREENHAVEN COURT
57	3066 GREENHAVEN COURT
58	3070 GREENHAVEN COURT
59	3074 GREENHAVEN COURT
60	3078 GREENHAVEN COURT

- ### GENERAL NOTES
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1800 AT LEAST (5) FIVE WORKING DAYS PRIOR TO THE START OF WORK.
  - THE CONTRACTOR SHALL NOTIFY "THIS UTILITY" AT 1-800-257-7777 AT LEAST 18 HOURS PRIOR TO ANY EXCAVATION WORK.
  - THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: 9-94-24
  - BOUNDARY SURVEY PERFORMED BY: FISHER, COLLINS AND CARTER INC. ON OR ABOUT OCTOBER, 1989
  - HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS:  
17 EA N 574357.57' E 1387917.1'  
17 CB N 373015.84' E 1385791.6'
  - ANY DAMAGE TO THE COUNTY'S RIGHTS-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
  - THIS PLAN IS FOR HOUSE SITING AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHTS-OF-WAY OF THIS S.D.P. ARE NOT USED FOR CONSTRUCTION. FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS, F-07-7B AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 24-3515-D
  - CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
  - STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F-07-7B
  - SITE ANALYSIS DATA:  
A. TOTAL PROJECT AREA: 8.41 AC.  
B. AREA OF PLANNED SUBMISSION: 5.91 AC.  
C. LIMIT OF DISTURBED AREA: 6.73 AC.  
D. PRESENT ZONING: R-20  
E. PROPOSED USE FOR SITE AND STRUCTURES: SINGLE FAMILY DETACHED  
F. TOTAL NUMBER OF LOTS: 21
  - TOPOGRAPHY IS BASED ON GRADING PLANS FOR F-07-7B
  - CONTRACTOR TO CHECK POWER HOUSE CONNECTION ELEVATION AT PROPERTY LINE PRIOR TO CONSTRUCTION.
  - DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING (MINIMUM) REQUIREMENTS:  
A) WIDTH: 12 FEET (6 FEET SERVING MORE THAN ONE RESIDENCE)  
B) SURFACE: 3/4" (1/2" MINIMUM) INCHES OF COMPACTED CRUSHER R. RUN BASE WITH TAR AND CHIP COATING (1 1/2" MINIMUM)  
C) GEOMETRY: MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING RADIUS;  
D) MAINTENANCE: SUFFICIENT TO INSURE ALL WEATHER USE.

**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.

Signature of Engineer (Print name below signature) *John H. Jones* Date *6/13/99*

**DEVELOPER'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 the Environment 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.

Signature of Developer (Print name below signature) *John H. Jones* Date *6/13/99*

Reviewed for HOWARD SCD and meets Technical Requirements.

*John H. Jones* Date *6/13/99*

U.S.D.A.-Natural Resources Conservation Service

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

*John H. Jones* Date *6/13/99*

Howard SCD

**OWNER/BUILDER**  
MR. H. JONES BAKER, JR. et al.  
2106 MOUNT HEBRON DRIVE  
ELICOTT CITY, MARYLAND 21043

APPROVED: DEPARTMENT OF PLANNING AND ZONING

*John H. Jones* Date *6/29/99*

Director, Department of Planning and Zoning

*John H. Jones* Date *6/29/99*

Chief, Development Engineering Division

*John H. Jones* Date *6/21/99*

Chief, Development Engineering Division

**SUBDIVISION** MT. HEBRON **SECTION/PHASE** 23/243 **LOT NO.** 30-50

**PLAT NO.** 12070412000 **BLOCK NO.** 3 **ZONE** R-20 **TAX/ZONE** 17 **ELEC. DIST.** 2<sup>ND</sup> **CENSUS TR.** 6021

**WATER CODE** 1403 **SEWER CODE** 5758000

**SITE DEVELOPMENT PLAN, GRADING & SEDIMENT CONTROL PLAN**

**MT. HEBRON**  
SECTION 23 - PHASES 2 AND 3  
LOTS 30 THRU 50  
ZONING R-20

TAX MAP 17, PART OF PARCEL 37, GRID 3  
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
DATE: 5-24-24, P-26-15 SHEET 1 OF 4 F-07-7B, SFD-99-10

NOTE:  
EXISTING SEDIMENT TRAP No. 2  
IS TO BE UTILIZED FOR SEDIMENT  
AND EROSION CONTROL DURING  
THE CONSTRUCTION OF LOTS 33-42

EXISTING SEDIMENT  
TRAP No. 2 (PER F-97-7B)  
(SEE THIS SHEET FOR DATA)

PROPERTY OF  
STATE OF MARYLAND  
DEPARTMENT OF FOREST AND PARKS  
LIBER 333 FOLIO 302

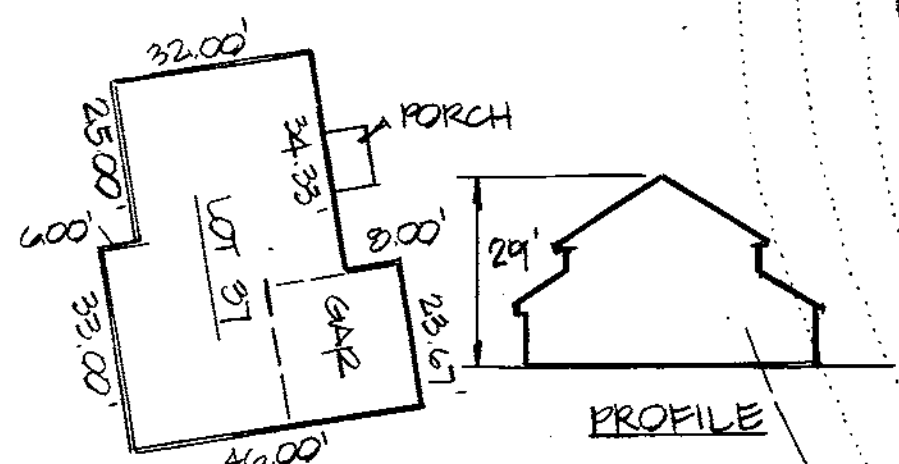
RELOCATE EARTH DIKE  
AND TREE PROTECTION  
FENCE ON LOT 42  
FOR THE COMPLETION  
OF PROPOSED GRADING.

LOT INFORMATION			
LOT NO	MIN. CELLAR ELEV.	INV. ELEV. @ PROP. LINE (91%L)	
33	399.0		
34	380.0	375.26	
35	380.3	375.31	
36	380.7	376.83	
37	380.7	376.53	
38	381.0	376.49	
39	380.8	376.46	
40	380.5	382.91	
41	393.0	388.03	
42	398.7	393.74	

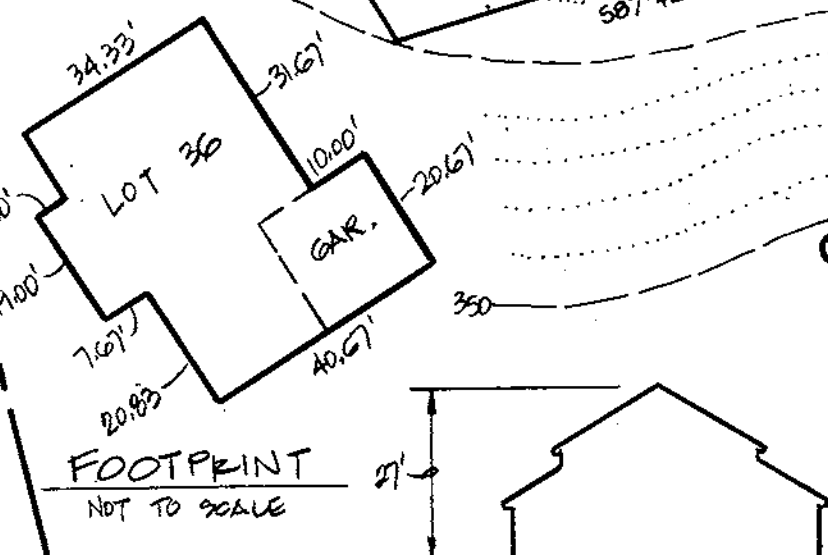
**TRAP DATA**  
F-717B STONE OUTLET ST II  
DRAINAGE AREA: 2.97 AC ±  
STORAGE REQUIRED: 10,692 C.F.  
STORAGE PROVIDED: 10,780 C.F.  
WEIR CREST ELEVATION: 353.00  
BOTTOM ELEVATION: 350.00  
DEPTH: 3.00'  
SIDE SLOPES: 2:1  
TOP EMBANKMENT ELEVATION: 364.00  
WEIR LENGTH: 10.00'  
CLEANOUT ELEVATION: 351.50

ADDRESS CHART	
NO.	STREET ADDRESS
33	3087 GREENHAVEN COURT
34	3091 GREENHAVEN COURT
35	3095 GREENHAVEN COURT
36	3099 GREENHAVEN COURT
37	3103 GREENHAVEN COURT
38	3107 GREENHAVEN COURT
39	3111 GREENHAVEN COURT
40	3115 GREENHAVEN COURT
41	3119 GREENHAVEN COURT
42	3123 GREENHAVEN COURT

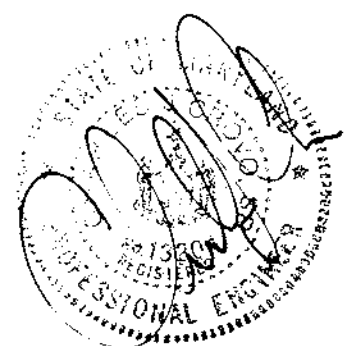
LEGEND	
Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
*	Spot Elevation
SF	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
W	Proposed Walkout
E	Earth Dike
X-X	Tree Protection
---	Existing Tree Line
L.O.D.	Limit of Disturbance
(1)	Existing Street Tree



**PLAN**  
SCALE 1"=30'  
NOTE: RELOCATE EARTH DIKE  
ON LOT 36 AND PART OF  
LOT 35 MAINTAINING A  
POSITIVE FLOW TO  
SEDIMENT TRAP No. 2



DATE	DESCRIPTION	REVISIONS
12-10-99	REV. MOD. & GRD ON LOT 37	
7-8-99	REV. MOD. & GRD ON LOT 36	



**FISHER COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 12722 MILLPOLE NATIONAL PKWY  
ELKLOTT CITY, MARYLAND 21042  
410-911-2999

TRAP DATA		
TRAP NO.	STONE OUTLET ST 2	STONE OUTLET ST 1
DRAINAGE AREA	2.97 AC ±	2.85 AC ±
STORAGE REQUIRED	10,692 C.F.	9,540 C.F.
STORAGE PROVIDED	10,780 C.F.	10,696 C.F.
WEIR CREST ELEV.	353.00	363.00
BOTTOM ELEV.	350.00	361.00
DEPTH	3'	4'
SIDE SLOPES	2:1	2:1
TOP EMBANKMENT	364.00	366.00
WEIR LENGTH	10'	11'
CLEANOUT ELEV.	351.50	363.00

**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.  
Signature of Engineer (Print name below signature) *James K. Colwell* Date 11/13/98

**DEVELOPER'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 the Environment 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.  
Signature of Developer (Print name below signature) *James K. Colwell* Date 11/13/98

Reviewed for HOWARD SCD and meets Technical Requirements.  
*Paul Sumner* 6/3/99 Date  
U.S.D.A. Natural Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*James K. Colwell* 6/3/99 Date  
Howard SCD

**OWNER / BUILDER**  
MR. H. JAMES BAKER, JR. et al.  
2106 MOUNT HEBRON DRIVE  
ELKLOTT CITY, MARYLAND 21043

APPROVED DEPARTMENT OF PLANNING AND ZONING  
*James K. Colwell* 6/29/99 Date  
Director - Department of Planning and Zoning  
*James K. Colwell* 6/29/99 Date  
Chief, Division of Land Development  
*James K. Colwell* 6/29/99 Date  
Chief, Development Engineering Division MKK

SUBDIVISION: MT. HEBRON SECTION/PHASE: 23/243 LOT NO.: 30-50  
PLAT NO.: (E070)+(E081) BLOCK NO.: 3 ZONE: R-20 TAX/ZONE: 17 ELEC. DIST.: 240 CENSUS TR.: G021  
WATER CODE: H03 SEWER CODE: 5758000

**SITE DEVELOPMENT PLAN,  
GRADING & SEDIMENT CONTROL  
PLAN**

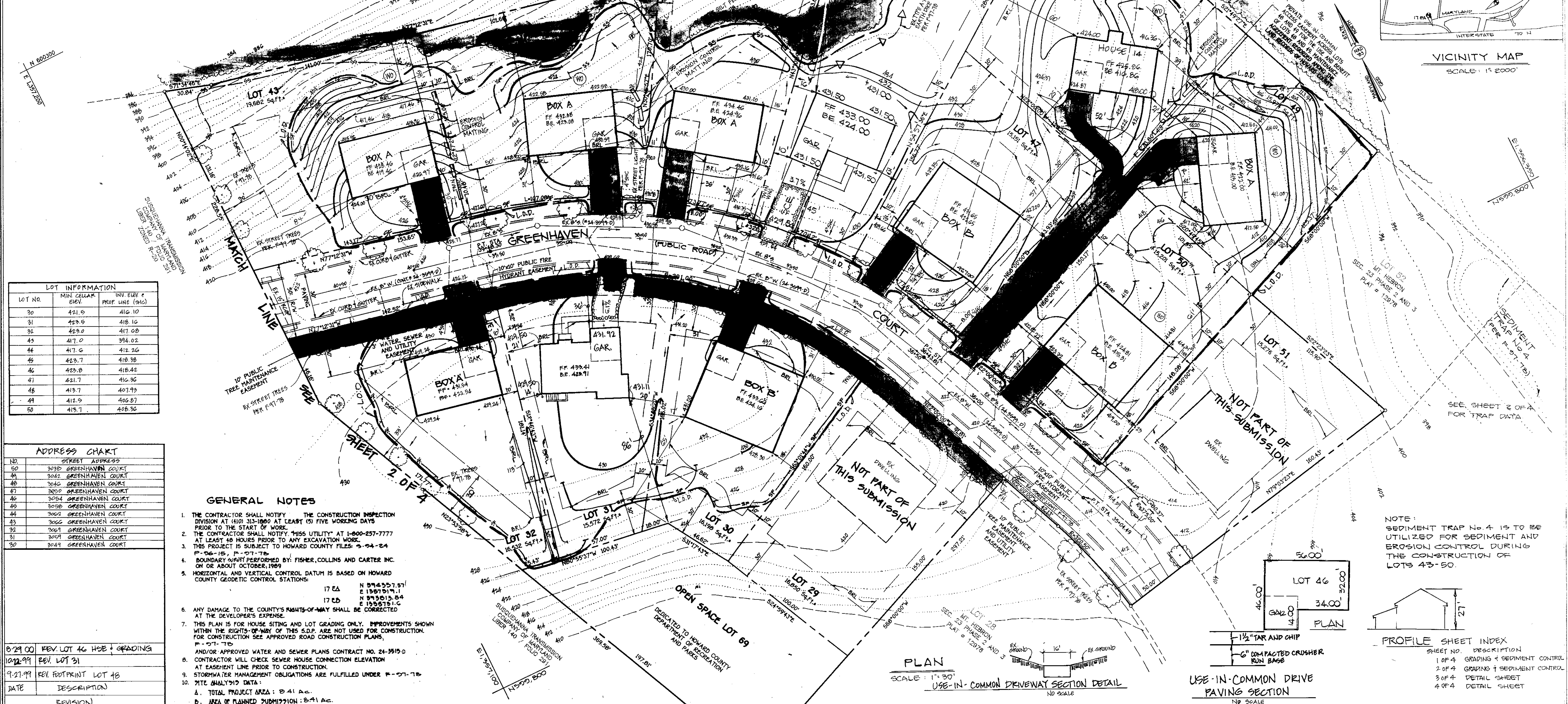
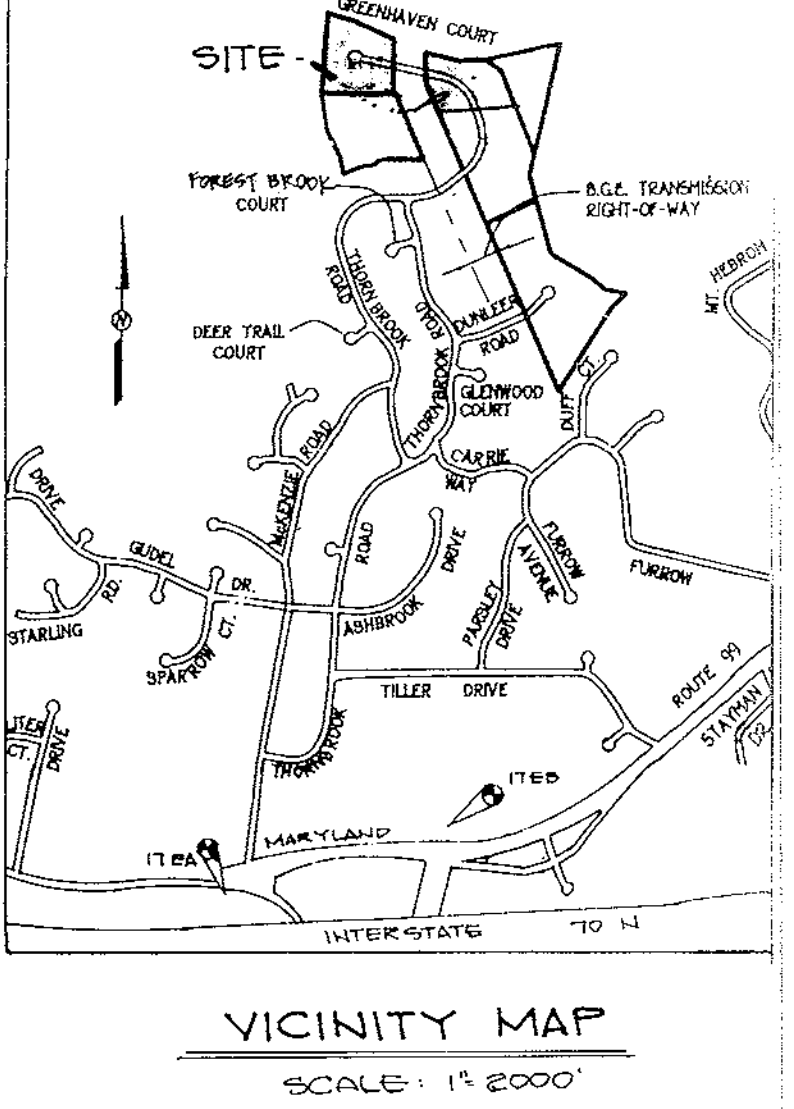
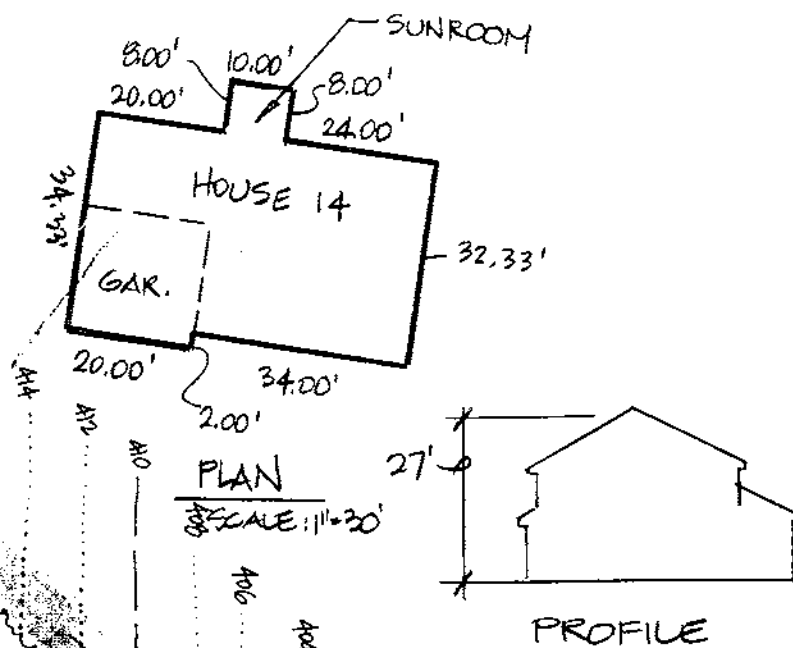
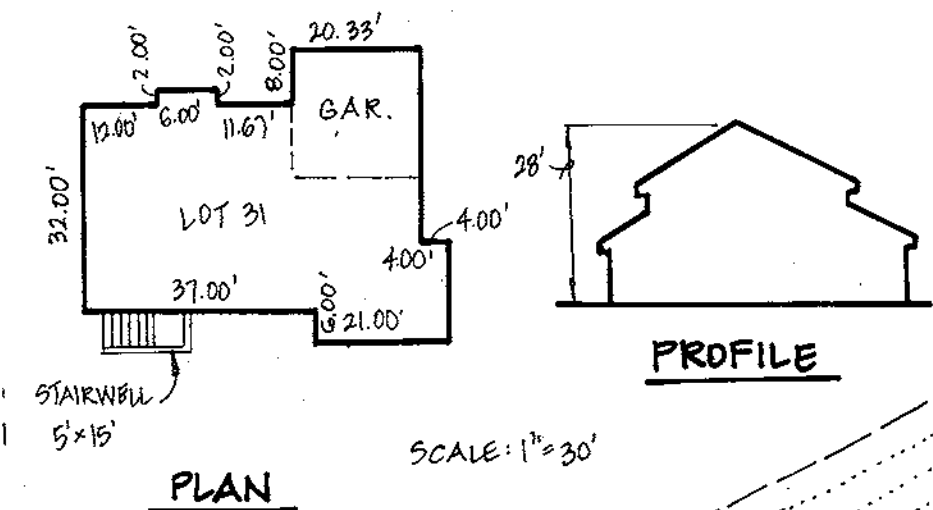
**MT. HEBRON**  
SECTION 23 - PHASES 2 AND 3  
LOTS 30 THRU 50  
ZONING R-20

TAX MAP 17, PART OF PARCEL 37, GRID 3  
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
DATE: 6-24-94, P-26-15 SHEET 2 OF 4 F-97-7B, SDF-99-10



LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
+	SPOT ELEVATION
—	SILT FENCE
—	SUPER SILT FENCE
FF	FIRST FLOOR ELEVATION
B.E.	BASEMENT ELEVATION
(NO)	PROPOSED WALKOUT
X-X	TREE PROTECTION
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE
(T)	EXISTING STREET TREE
N.B.S.	NO BASEMENT SEWER

- ### SEQUENCE OF CONSTRUCTION
1. OBTAIN GRADING PERMIT (1 WEEK)
  2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES PER PLAN (2 DAYS)
  3. CLEAR AND GRAD SITE (4 DAYS)
  4. EXCAVATE FOR FOUNDATIONS AND ROUGH GRADE (1 WEEK) PER DWELLING
  5. CONSTRUCT DWELLING (40 DAYS PER DWELLING)
  6. FINE GRADE SITE, INSTALL DRIVEWAYS (2 DAYS)
  7. INSTALL PERMANENT SEEDING (2 DAYS)
  8. REMOVE SEDIMENT CONTROL DEVICES AS PERMITS ARE GRANTED BY SEDIMENT CONTROL INSPECTOR AND UPLAND AREAS HAVE BEEN STABILIZED. (2 DAYS)



### LOT INFORMATION

LOT NO.	MIN. CELESTIAL ELEV.	MIN. ELEV. + PROP. LINE (942)
30	421.9	416.10
31	423.9	418.16
32	423.0	417.68
43	417.0	394.02
44	417.6	412.26
45	423.7	418.38
46	423.8	418.42
47	421.7	416.36
48	413.7	407.99
49	412.9	406.87
50	413.7	408.36

### ADDRESS CHART

NO.	STREET	ADDRESSES
30	GREENHAVEN COURT	3030
31	GREENHAVEN COURT	3042
32	GREENHAVEN COURT	3046
43	GREENHAVEN COURT	3050
44	GREENHAVEN COURT	3054
45	GREENHAVEN COURT	3058
46	GREENHAVEN COURT	3062
47	GREENHAVEN COURT	3066
48	GREENHAVEN COURT	3070
49	GREENHAVEN COURT	3074
50	GREENHAVEN COURT	3078

- ### GENERAL NOTES
1. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1860 AT LEAST (5) FIVE WORKING DAYS PRIOR TO THE START OF WORK.
  2. THE CONTRACTOR SHALL NOTIFY 1555 UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
  3. THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: 9-94-24
  4. BOUNDARY SURVEY PERFORMED BY FISHER, COLLINS AND CARTER INC. ON OR ABOUT OCTOBER, 1989
  5. HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS:
 

17 EA	N 574 557.57'
17 EB	E 1587 519.11'
	N 975 515.54'
	E 159 5712.14'
  6. ANY DAMAGE TO THE COUNTY'S RIGHTS-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
  7. THIS PLAN IS FOR HOUSE SITING AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHTS-OF-WAY OF THIS S.D.P. ARE NOT USED FOR CONSTRUCTION. FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS, F-27-78 AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 24-3519-D
  8. CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
  9. STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F-27-78
  10. SITE ANALYSIS DATA:
    - A. TOTAL PROJECT AREA: 841 AC.
    - B. AREA OF PLANNED SUBMISSION: 841 AC.
    - C. LIMIT OF DISTURBED AREA: 673 AC.
    - D. PRESENT ZONING: R-20
    - E. PROPOSED USE FOR SITE AND STRUCTURE: SINGLE FAMILY DETACHED
    - F. TOTAL NUMBER OF LOTS: 21
  11. TOPOGRAPHY IS DERIVED ON GRADING PLANS FOR F-27-78
  12. CONTRACTOR TO CHECK POWER HOUSE CONNECTION ELEVATION AT PROPERTY LINE PRIOR TO CONSTRUCTION.
  13. DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES FOR THE FOLLOWING (MINIMUM) REQUIREMENTS:
    - A) WIDTH: 12 FEET (6 FEET SERVING MORE THAN ONE RESIDENCE)
    - B) SURFACE: SIX (6) INCHES OF COMPACTED CRUSHER R. RUN BASE WITH TAR AND CHIP COATING (1 1/2" MINIMUM)
    - C) GEOMETRY: MAXIMUM 5% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING RADIUS;
    - D) MAINTENANCE: SUFFICIENT TO INSURE ALL WEATHER USE.

DATE	DESCRIPTION	REVISION
8/29/00	REV. LOT 46 HOSE + GRADING	
10/12/99	REV. LOT 31	
9/21/99	REV. FOOTPRINT LOT 48	

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTRAL SQUARE OFFICE PARK - 1877 BALTIMORE NATIONAL FEE  
 ELLICOTT CITY, MARYLAND 21114  
 (410) 461-2555

**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.  
 Signature of Engineer (Print name below signature) *John J. Baker* Date 11/13/98

**DEVELOPER'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 the Environment 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.  
 Signature of Developer (Print name below signature) *John J. Baker* Date 11/13/98

Reviewed for HOWARD SCD and meets Technical Requirements.  
*John J. Baker* Date 6/13/99  
 U.S.D.A.-NATURAL Resources  
 Conservation Service  
 This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*John J. Baker* Date 6/13/99  
 Howard SCD

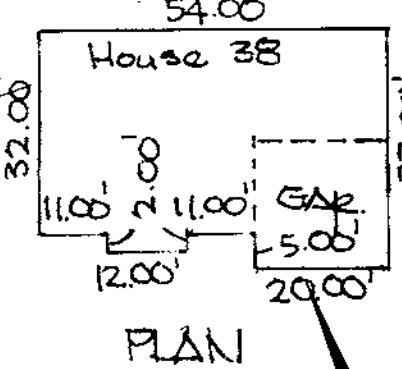
**OWNER/BUILDER**  
 MR. H. JONES BAKER, JR. et al.  
 2106 MOUNT HEBRON DRIVE  
 BILWATER CITY, MARYLAND 21043

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*Chris Hamilton* Date 6/29/99  
 Director - Department of Planning and Zoning  
*Chris Hamilton* Date 6/29/99  
 Chief, Division of Land Development  
*Chris Hamilton* Date 6/21/99  
 Chief, Development Engineering Division MK

SUBDIVISION	SECTION/PHASE	LOT NO.
MT. HEBRON	23/243	30-50
PLAT NO.	BLOCK NO.	ZONE
12379, 112004	3	R-20
TAX/ZONE	ELEC. DIST.	CENSUS TR.
17	2 <sup>ND</sup>	6021
WATER CODE	SEWER CODE	
H03	5758000	

SITE DEVELOPMENT PLAN,  
 GRADING & SEDIMENT CONTROL  
 PLAN  
**MT. HEBRON**  
 SECTION 23 - PHASES 2 AND 3  
 LOTS 30 THRU 50  
 ZONING R-20  
 TAX MAP 17, PART OF PARCEL 37, GRID 3  
 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 DATE: 5-24-24, P-26-15 SHEET 1 OF 4 F-27-78, SPD-22-10

NOTE:  
EXISTING SEDIMENT TRAP No. 2  
IS TO BE UTILIZED FOR SEDIMENT  
AND EROSION CONTROL DURING  
THE CONSTRUCTION OF LOTS 33-42



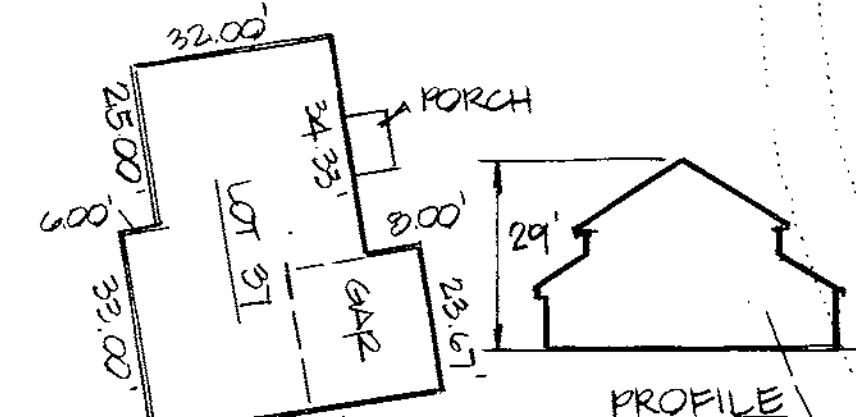
PROFILE

LOT INFORMATION		
LOT NO.	MIN. C.S.L.K. ELEV.	INV. ELEV. E PROF. LINE (98%)
33	399.0	
34	380.0	375.26
35	380.3	379.31
36	380.9	376.83
37	380.7	376.93
38	381.0	376.47
39	380.8	376.46
40	386.5	382.91
41	393.2	388.03
42	392.7	393.74

**TRAP DATA**  
F-9778 STONE OUTLET ST II  
DRAINAGE AREA: 2.97 AC.  
STORAGE REQUIRED: 10,692 C.F.  
STORAGE PROVIDED: 10,696 C.F.  
WEIR CREST ELEVATION: 353.00  
BOTTOM ELEVATION: 350.00  
DEPTH: 3.00'  
SIDE SLOPES: 2:1  
TOP EMBANKMENT ELEVATION: 354.00  
WEIR LENGTH: 10.00'  
CLEANOUT ELEVATION: 351.50

ADDRESS CHART	
NO.	STREET ADDRESS
33	3087 GREENHAVEN COURT
34	3091 GREENHAVEN COURT
35	3095 GREENHAVEN COURT
36	3099 GREENHAVEN COURT
37	3103 GREENHAVEN COURT
38	3094 GREENHAVEN COURT
39	3090 GREENHAVEN COURT
40	3086 GREENHAVEN COURT
41	3082 GREENHAVEN COURT
42	3078 GREENHAVEN COURT

LEGEND	
Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
•	Spot Elevation
-SF-	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
⊙	Proposed Walkout
---	Earth Dike
-X-X-	Tree Protection
---	Existing Tree Line
L.O.D.	Limit of Disturbance
(T)	Existing Street Tree



NOTE: RELOCATE EARTH DIKE ON LOT 36 AND PART OF LOT 35 MAINTAINING A POSITIVE FLOW TO SEDIMENT TRAP No. 2.

DATE	DESCRIPTION
3-29-01	REV. MOD. & GRD ON LOT 38
12-10-99	REV. MOD. & GRD ON LOT 37
7-8-91	REV. MOD. & GRD ON LOT 36

TRAP DATA		
TRAP NO.	STONE OUTLET ST 2	STONE OUTLET ST 4
DRAINAGE AREA	2.97 AC.	2.85 AC.
STORAGE REQUIRED	10,692 C.F.	9,540 C.F.
STORAGE PROVIDED	10,780 C.F.	10,696 C.F.
WEIR CREST ELEV.	353.0	385.0
BOTTOM ELEV.	350.0	381.0
DEPTH	3'	4'
SIDE SLOPES	2:1	2:1
TOP EMBANKMENT	354.0	386.0
WEIR LENGTH	10'	11'
CLEANOUT ELEV.	351.50	383.0

**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.  
Signature of Engineer (Print name below signature) *James S. Carter* Date *11/13/98*

**DEVELOPER'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 the Environment 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.  
Signature of Developer (Print name below signature) *James S. Carter* Date *11/13/98*

Approved for HOWARD SCD and meets Technical Requirements.  
*James S. Carter* Date *6/3/99*  
U.S.D.A. Natural Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*James S. Carter* Date *6/3/99*  
Howard SCD

**OWNER / BUILDER**  
MR. J. JONES BAKER, JR. et al.  
2106 MOUNT HEBRON DRIVE  
BILKOTT CITY, MARYLAND 20493

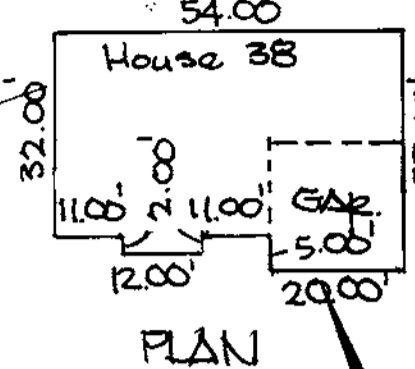
APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*James S. Carter* Date *6/29/99*  
Bilgort - Department of Planning and Zoning  
*James S. Carter* Date *6/25/99*  
*James S. Carter* Date *6/21/99*  
Chief, Development Engineering Division MK

SUBDIVISION: MT. HEBRON SECTION/PHASE: 23/243 LOT NO.: 30-50  
PLAT NO.: 12070-12081 BLOCK NO.: 3 ZONE: R-20 TAX/ZONE: 17 ELEC. DIST.: 240 CENSUS TR.: G021  
WATER CODE: H03 SEWER CODE: 5758000

**SITE DEVELOPMENT PLAN, GRADING & SEDIMENT CONTROL PLAN**  
**MT. HEBRON**  
SECTION 23 - PHASES 2 AND 3  
LOTS 30 THRU 50  
ZONING R-20  
TAX MAP 17, PART OF PARCEL 37, GRID 3  
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
DATE: 5-24-24, P-26-15 SHEET 2 OF 4 F-27-78, SDF-22-10

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK 1072 BALTIMORE NATIONAL PIKE  
BILKOTT CITY, MARYLAND 21042  
MD 01-2852

NOTE:  
EXISTING SEDIMENT TRAP No. 2  
IS TO BE UTILIZED FOR SEDIMENT  
AND EROSION CONTROL DURING  
THE CONSTRUCTION OF LOTS 33-42



**TRAP DATA**  
F-77 TO STONE OUTLET BY II  
DRAINAGE AREA: 2.97 AC ±  
STORAGE REQUIRED: 10,692 C.F.  
STORAGE PROVIDED: 10,780 C.F.  
WEIR CREST ELEVATION: 353.0  
BOTTOM ELEVATION: 350.00  
DEPTH: 3.00'  
SIDE SLOPES: 2:1  
TOP EMBANKMENT ELEVATION: 354.00  
WEIR LENGTH: 10.00'  
CLEANOUT ELEVATION: 351.50

**LOT INFORMATION**

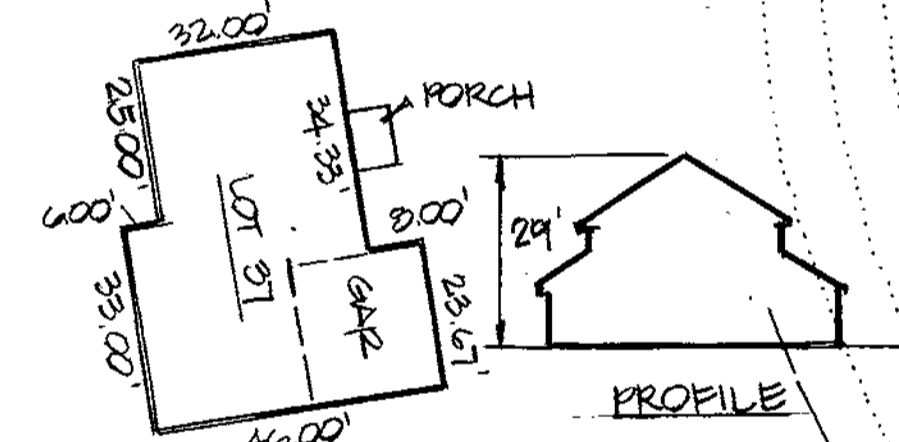
LOT NO.	MIN. CELLAR ELEV.	MIN. 1ST FLOOR ELEV.	MIN. 2ND FLOOR ELEV.
33	379.0	375.26	375.26
34	380.0	375.91	375.91
35	380.3	376.83	376.83
36	380.7	376.49	376.49
37	380.7	376.49	376.49
38	381.0	376.49	376.49
39	380.8	376.49	376.49
40	380.5	382.91	382.91
41	373.0	388.03	388.03
42	378.7	373.74	373.74

**ADDRESS CHART**

NO.	STREET ADDRESS
33	3087 GREENHAVEN COURT
34	3091 GREENHAVEN COURT
35	3095 GREENHAVEN COURT
36	3099 GREENHAVEN COURT
37	3078 GREENHAVEN COURT
38	3094 GREENHAVEN COURT
39	3090 GREENHAVEN COURT
40	3086 GREENHAVEN COURT
41	3082 GREENHAVEN COURT
42	3078 GREENHAVEN COURT

**LEGEND**

Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
+	Spot Elevation
-SF-SF-	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
W	Proposed Walkout
---	Earth Dike
-X-X-	Tree Protection
---	Existing Tree Line
L.O.D.	Limit of Disturbance
(S)	Existing Street Tree



**PROFILE**  
NOTE: RELOCATE EARTH DIKE ON LOT 36 AND PART OF LOT 35 MAINTAINING A POSITIVE FLOW TO SEDIMENT TRAP No. 2

**REVISIONS**

DATE	DESCRIPTION
4-09-01	REV. MOD. + GRD. ON LOT 41
3-29-01	REV. MOD. + GRD. ON LOT 38
12-10-99	REV. MOD. + GRD. ON LOT 37
7-8-94	REV. MOD. + GRD. ON LOT 36

**TRAP DATA**

TRAP NO.	STONE OUTLET ST 2	STONE OUTLET ST 4
DRAINAGE AREA	2.97 AC ±	2.85 AC ±
STORAGE REQUIRED	10,692 C.F.	9,540 C.F.
STORAGE PROVIDED	10,780 C.F.	10,696 C.F.
WEIR CREST ELEV.	353.0	353.0
BOTTOM ELEV.	350.0	351.0
DEPTH	3'	4'
SIDE SLOPES	2:1	2:1
TOP EMBANKMENT	354.0	356.0
WEIR LENGTH	10'	11'
CLEANOUT ELEV.	351.50	353.0

**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.

*John K. Johnson*  
Signature of Engineer (Print name below signature) Date: 11/13/98

**DEVELOPER'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 the Environment Approved Training Program for the Control of Erosion and Sedimentation beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.

*John K. Johnson*  
Signature of Developer (Print name below signature) Date: 11/13/98

Reviewed for HOWARD SCD and meets Technical Requirements.  
6/3/99  
Date  
*John K. Johnson*  
U.S.D.A. Natural Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
6/3/99  
Date  
*John K. Johnson*  
Howard SCD

**OWNER / BUILDER**  
MR. H. JAMES BAKER, JR. et al.  
5106 MOUNT HEBRON DRIVE  
ELLCOTT CITY, MARYLAND 21043

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
6/22/99  
Date  
*John K. Johnson*  
Director - Department of Planning and Zoning  
6/25/99  
Date  
*John K. Johnson*  
Chief, Development Engineering Division MK  
6/21/99  
Date

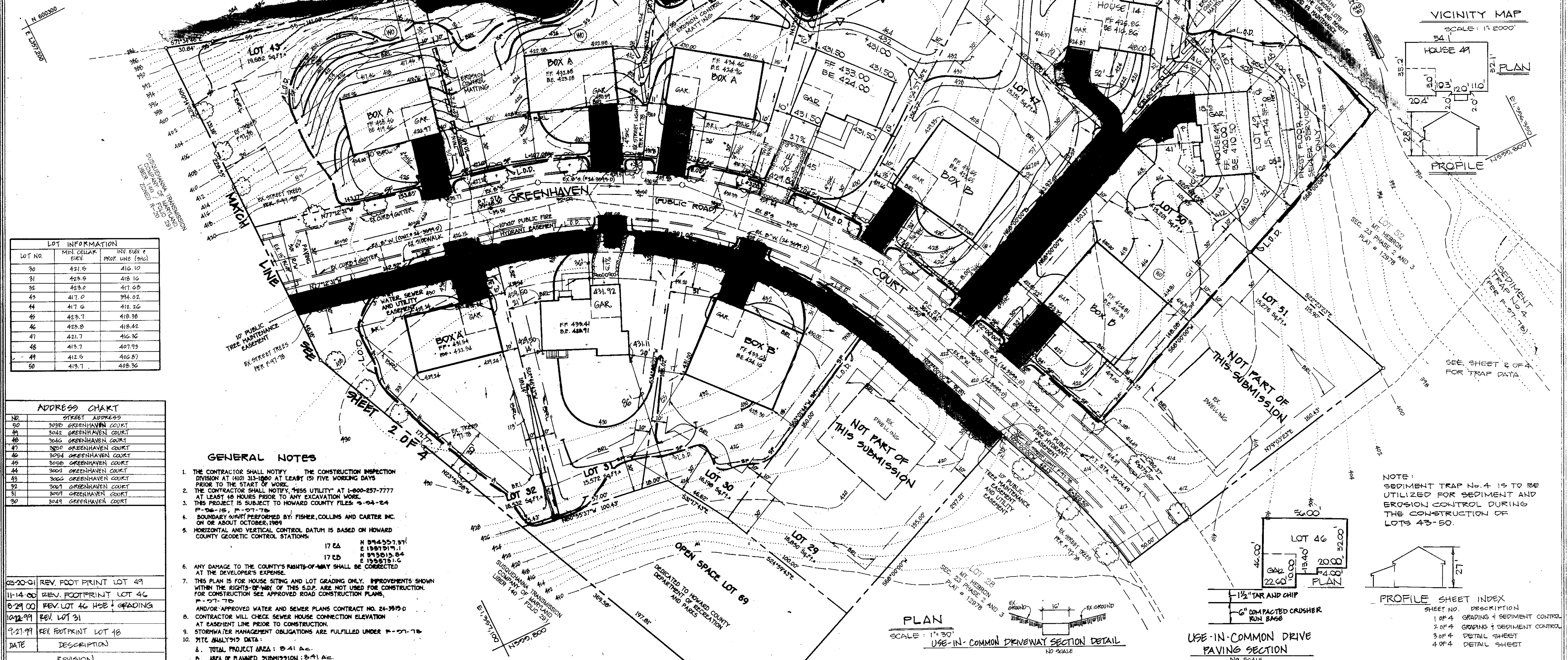
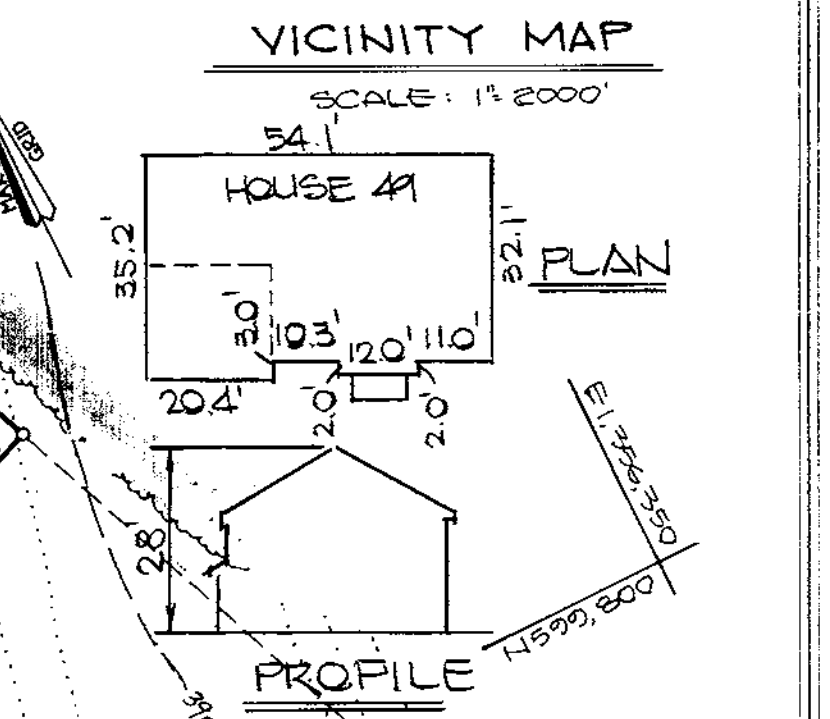
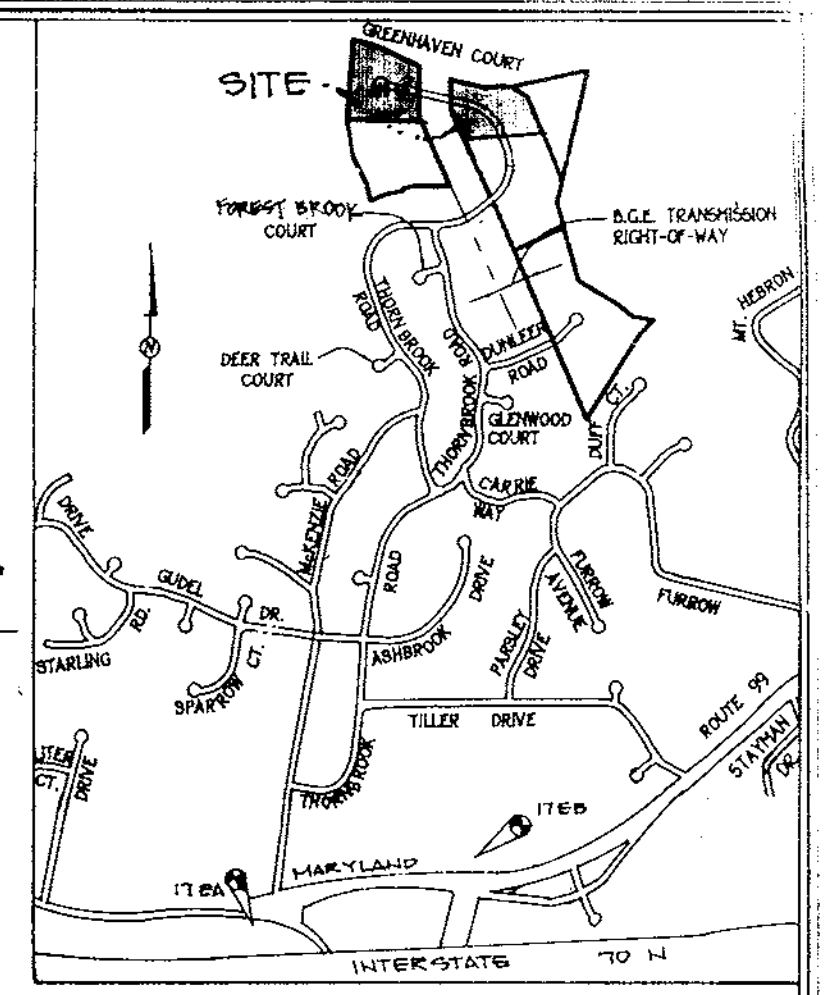
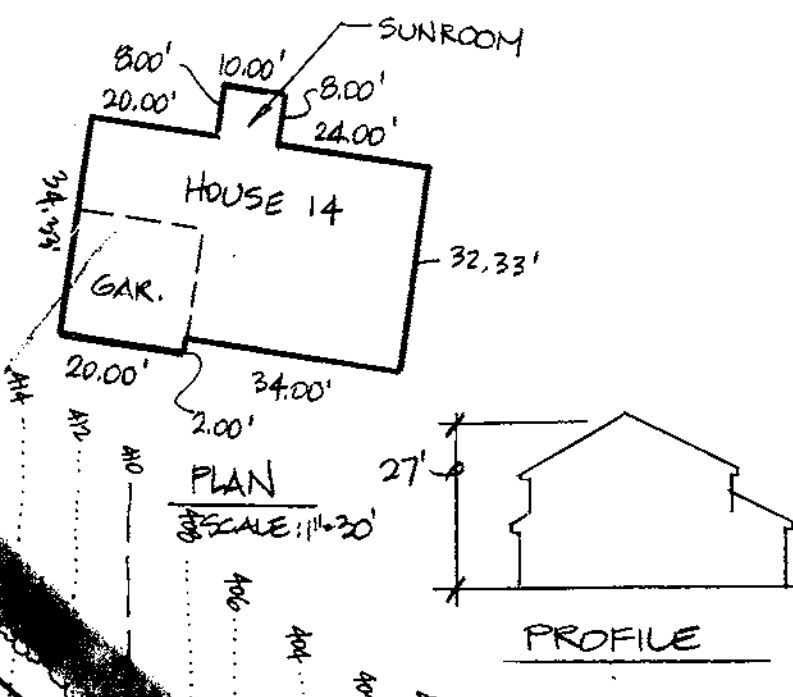
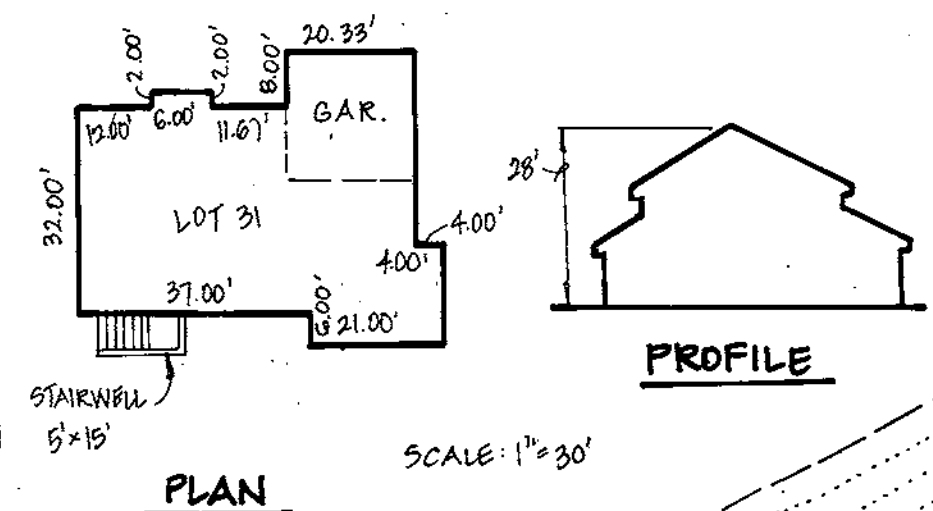
SUBDIVISION: MT. HEBRON  
SECTION/PHASE: 23/2+3  
LOT NO.: 30-50  
PLAT NO.: 3  
BLOCK NO.: 17  
ZONE: R-20  
TAX/ZONE: 17  
ELEC. DIST.: 2ND  
CENSUS TR.: G021  
WATER CODE: H03  
SEWER CODE: 9755000

**SITE DEVELOPMENT PLAN, GRADING & SEDIMENT CONTROL PLAN**  
**MT. HEBRON**  
SECTION 23 - PHASES 2 AND 3  
LOTS 30 THRU 50  
ZONING R-20  
TAX MAP 17, PART OF PARCEL 37, GRID 3  
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
DATE: 6-24-99, P-06-15 SHEET 2 OF 4 F-07-78, SDF-03-10

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CONTINENTAL SQUARE OFFICE PARK - 10725 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND 21042  
4100-4111-2093

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
+ G24	SPOT ELEVATION
---	SILT FENCE
---	SUPER SILT FENCE
FF	FIRST FLOOR ELEVATION
BE	BASEMENT ELEVATION
(NO)	PROPOSED WALKOUT
---	TREE PROTECTION
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE
---	EXISTING STREET TREE
N.B.S.	NO BASEMENT SEWER

- ### SEQUENCE OF CONSTRUCTION
1. OBTAIN GRADING PERMIT. (1 WEEK)
  2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES PER PLAN (2 DAYS)
  3. CLEAR AND GRAD SITE (4 DAYS)
  4. EXCAVATE FOR FOUNDATIONS AND ROUGH GRADE. (1 WEEK) PER DWELLING
  5. CONSTRUCT DWELLING (GO DAY) PER DWELLING
  6. FINE GRADE SITE, INSTALL DRIVEWAYS (2 DAYS)
  7. INSTALL PERMANENT SEEDING (2 DAYS)
  8. REMOVE SEDIMENT CONTROL DEVICES AS PERMISSION IS GRANTED BY SEDIMENT CONTROL INSPECTOR AND UPLAND AREAS HAVE BEEN STABILIZED. (2 DAYS)



- ### GENERAL NOTES
1. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1800 AT LEAST (5) FIVE WORKING DAYS PRIOR TO THE START OF WORK.
  2. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
  3. THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES # 94-24 (P. 26-119) P. 07-78
  4. BOUNDARY SURVEY PERFORMED BY FISHER, COLLINS AND CARTER INC. ON OR ABOUT OCTOBER, 1989
  5. HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS.
 

17 CA	N 89°45'57.57"
17 CB	N 138°51'17.1"
17 CD	N 89°50'15.84"
	E 139°50'15.16"
  6. ANY DAMAGE TO THE COUNTY'S RIGHTS-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
  7. THIS PLAN IS FOR HOUSE SITING AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHTS-OF-WAY OF THIS S.D.P. ARE NOT USED FOR CONSTRUCTION. FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS, P. 07-78
  8. AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 24-3815-D
  9. CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
  10. STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER P. 07-78
  11. SITE ANALYSIS DATA:
    - A. TOTAL PROJECT AREA: 841 AC.
    - B. AREA OF PLANNED SUBMISSION: 841 AC.
    - C. LIMIT OF DISTURBED AREA: 6.73 AC.
    - D. PRESENT ZONING: R-20
    - E. PROPOSED USE FOR SITE AND STRUCTURE: SINGLE FAMILY DETACHED
    - F. TOTAL NUMBER OF LOTS: 21
  12. TOPOGRAPHY IS BASED ON GRADING PLAN FOR P. 07-78
  13. CONTRACTOR TO CHECK POWER HOUSE CONNECTION ELEVATION AT PROPERTY LINE PRIOR TO CONSTRUCTION.
  14. (PUB. WATS) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRES AND EMERGENCY VEHICLES PER THE PLANNING (MINIMUM) REQUIREMENTS:
    - 1) WIDTH: 12 FEET (8 FEET MINIMUM MORE THAN 18 INCHES)
    - 2) SURFACE: SIX (6) INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1.5" MINIMUM)
    - 3) GEOMETRY: MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 46-FOOT TURNING RADIUS;
    - 4) MAINTENANCE: SUFFICIENT TO INSURE ALL WEATHER USE.

**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.  
 Signature of Engineer (Print name below signature) \_\_\_\_\_ Date 6/13/98  
**DEVELOPER'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 the Environment 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.  
 Signature of Developer (Print name below signature) \_\_\_\_\_ Date 6/13/98

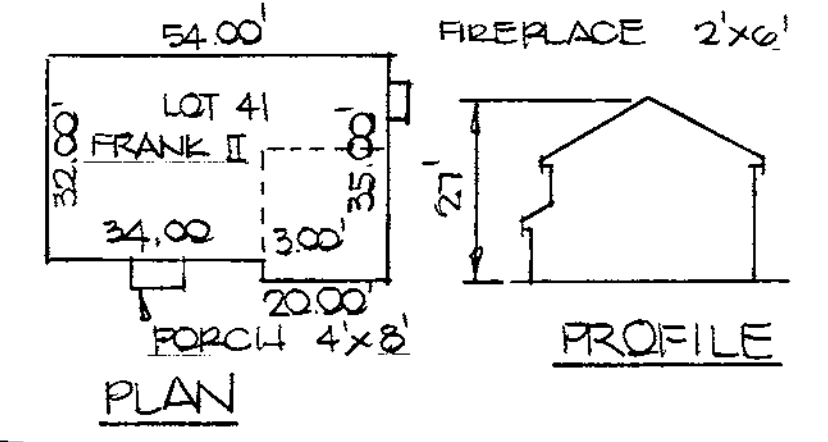
Reviewed for HOWARD SCD and meets Technical Requirements.  
 U.S.D.A.-Natural Resources Conservation Service  
 Approved for HOWARD SCD  
 Signature of Howard SCD \_\_\_\_\_ Date 6/3/99  
**OWNER/BUILDER**  
 MR. H. JONAS BAKER, JR. et al.  
 2106 MOUNT HEBRON DRIVE  
 ELICOTT CITY, MARYLAND 21043

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 Signature of Department of Planning and Zoning \_\_\_\_\_ Date 6/25/99  
 Signature of Chief, Division of Site Development \_\_\_\_\_ Date 6/25/99  
 Signature of Chief, Development Engineering Division \_\_\_\_\_ Date 6/21/99  
 SUBDIVISION: MT. HEBRON SECTION/PHASE: 23/243 LOT NO.: 30-50  
 PLAT NO.: BLOCK NO.: ZONE: TAX/ZONE: ELEC. DIST.: CENSUS TR.:  
 12070110000 3 R-20 17 240 6021  
 WATER CODE: H03 SEWER CODE: 5758000

**SITE DEVELOPMENT PLAN, GRADING & SEDIMENT CONTROL PLAN**  
**MT. HEBRON**  
 SECTION 23 - PHASES 2 AND 3  
 LOTS 30 THRU 50  
 ZONING R-20  
 TAX-MAP 17, PART OF PARCEL 37, GRID 3  
 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 DATE: 5-24-24, P. 06-15  
 SHEET 1 OF 4 P. 07-78, SPD-99-10

NOTE: EXISTING SEDIMENT TRAP No. 2 IS TO BE UTILIZED FOR SEDIMENT AND EROSION CONTROL DURING THE CONSTRUCTION OF LOTS 33-42

EXISTING SEDIMENT TRAP No. 2 (PER F-97-78) (SEE THIS SHEET FOR DATA)



RELOCATE EARTH DIKE AND TREE PROTECTION FENCE ON LOT 42 FOR THE COMPLETION OF PROPOSED GRADING.

\*A-A CASE 00-25 SECTION 108 D.4.b(1)(a)(i) TO REDUCE THE 30 FOOT FRONT SETBACK FROM A STREET RIGHT-OF-WAY TO 24 FOOT FOR LOTS 40, 41, 42, 43 AND 44

**LOT INFORMATION**

LOT NO	MIN. CELLAR ELEV.	FIN. ELEV. @ PROF. LINE (9%±)
33	379.0	
34	380.0	375.26
35	380.3	375.31
36	380.7	376.83
37	380.7	376.93
38	381.0	376.49
39	380.8	376.46
40	380.5	382.91
41	373.0	388.83
42	378.7	373.74

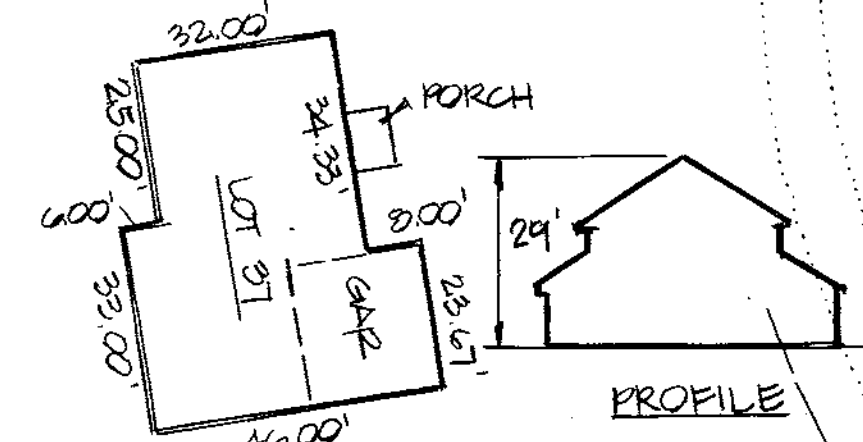
**ADDRESS CHART**

NO	STREET ADDRESS
33	3087 GREENHAVEN COURT
34	3091 GREENHAVEN COURT
35	3095 GREENHAVEN COURT
36	3099 GREENHAVEN COURT
37	3103 GREENHAVEN COURT
38	3094 GREENHAVEN COURT
39	3090 GREENHAVEN COURT
40	3086 GREENHAVEN COURT
41	3082 GREENHAVEN COURT
42	3078 GREENHAVEN COURT

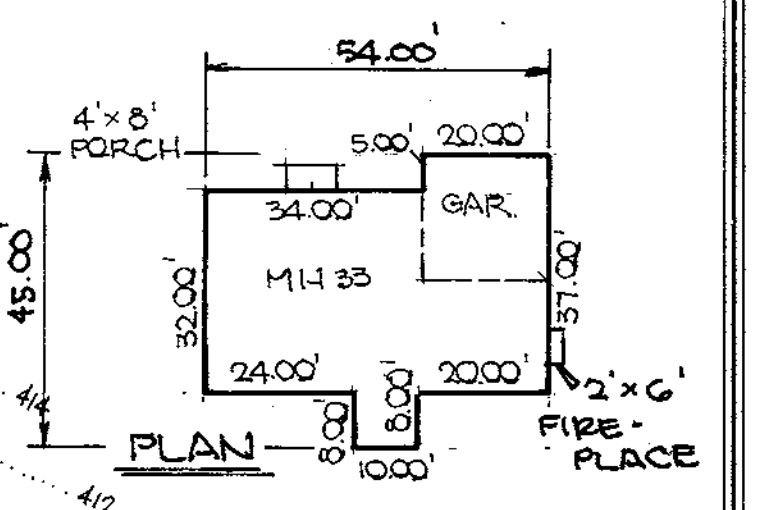
**TRAP DATA**  
 F-77 TO STONE OUTLET # II DRAINAGE AREA: 2.97 AC.±  
 STORAGE REQUIRED: 10,692 C.F.  
 STORAGE PROVIDED: 10,780 C.F.  
 WEIR CREST ELEVATION: 353.00  
 BOTTOM ELEVATION: 350.00  
 DEPTH: 3.00'  
 SIDE SLOPES: 2:1  
 TOP EMBANKMENT ELEVATION: 354.00  
 WEIR LENGTH: 10.00'  
 CLEANOUT ELEVATION: 351.50

**LEGEND**

Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
•	Spot Elevation
-sf -sf-	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
⊙	Proposed Walkout
---	Earth Dike
-x-x-	Tree Protection
---	Existing Tree Line
L.O.D.	Limit Of Disturbance
⊕	Existing Street Tree



NOTE: RELOCATE EARTH DIKE ON LOT 36 AND PART OF LOT 35 MAINTAINING A POSITIVE FLOW TO SEDIMENT TRAP No. 2



**REVISIONS**

DATE	DESCRIPTION
6-21-91	REV. MOD. & GRD. ON LOT 33
4-09-91	REV. MOD. & GRD. ON LOT 41
3-29-91	REV. MOD. & GRD. ON LOT 38
12-10-91	REV. MOD. & GRD. ON LOT 37
7-8-91	REV. MOD. & GRD. ON LOT 36



**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 10727 BALTIMORE NATIONAL PIKE  
 ELKOTT CITY, MARYLAND 21226  
 410.481.2899

**TRAP DATA**

TRAP NO.	STONE OUTLET ST 2	STONE OUTLET ST 4
DRAINAGE AREA	2.97 AC.±	2.65 AC.±
STORAGE REQUIRED	10,692 C.F.	9,540 C.F.
STORAGE PROVIDED	10,780 C.F.	10,696 C.F.
WEIR CREST ELEV.	353.00	385.00
BOTTOM ELEV.	350.00	381.00
DEPTH	3'	4'
SIDE SLOPES	2:1	2:1
TOP EMBANKMENT	354.00	386.00
WEIR LENGTH	10'	11'
CLEANOUT ELEV.	351.50	383.00

**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.  
 Signature of Engineer (Print name below signature) *James K. Johnson* Date *6/23/99*

**DEVELOPER'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 the Environment 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.  
 Signature of Developer (Print name below signature) *James K. Johnson* Date *11/13/98*

Reviewed for HOWARD SCD and meets Technical Requirements.  
 U.S.D.A. - Natural Resources Conservation Service  
 Signature: *John K. Johnson* Date: *6/3/99*  
 Signature: *John K. Johnson* Date: *6/3/99*  
 Howard SCD

**OWNER / BUILDER**  
 MR. H. JONES BAKER, JR. et al.  
 8100 MOUNT HEBRON DRIVE  
 ELKOTT CITY, MARYLAND 21245

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 Signature: *John K. Johnson* Date: *6/23/99*  
 Signature: *John K. Johnson* Date: *6/23/99*  
 Signature: *John K. Johnson* Date: *6/23/99*

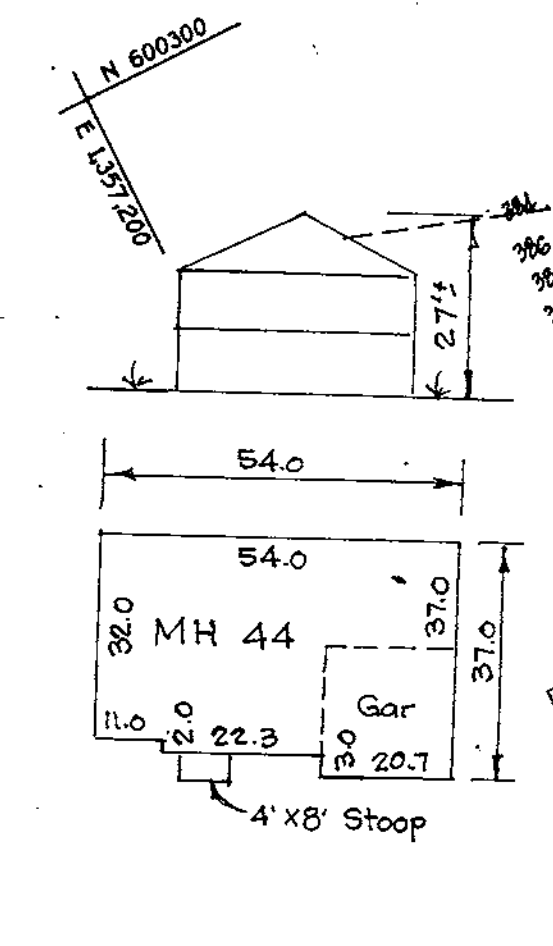
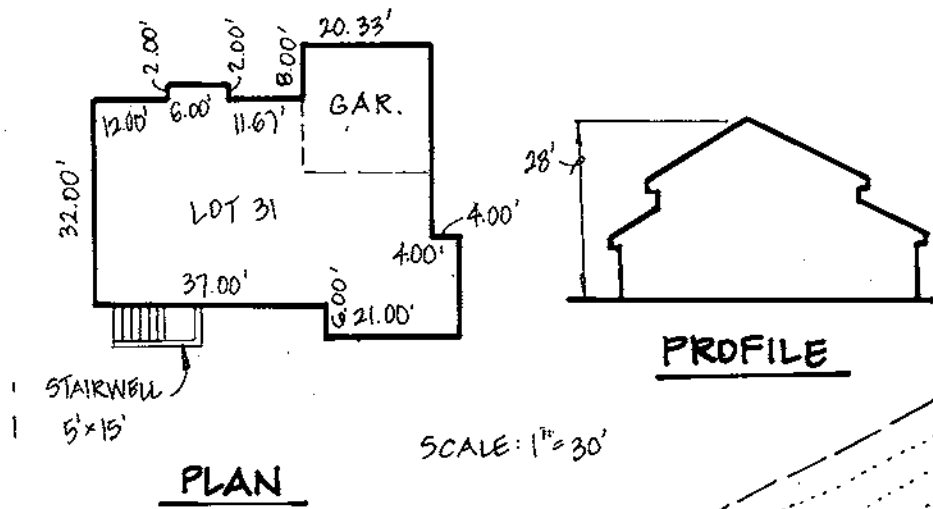
SUBDIVISION: MT. HEBRON SECTION/PHASE: 23/243 LOT NO.: 30-50  
 PLAT NO.: 3 BLOCK NO.: 17 ZONE: R-20 TAX/ZONE: 2ND ELEC. DIST.: 2ND CENSUS TR.: 6021  
 WATER CODE: H03 SEWER CODE: 5755000

**SITE DEVELOPMENT PLAN, GRADING & SEDIMENT CONTROL PLAN**  
**MT. HEBRON**  
 SECTION 23 - PHASES 2 AND 3  
 LOTS 30 THRU 50  
 ZONING R-20  
 TAX MAP 17, PART OF PARCEL 37, GRID 3  
 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 DATE: 3-24-24, P-26-15 SHEET 2 OF 4 F-97-78, 50P-99-10

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
+ G24	SPOT ELEVATION
—	SILT FENCE
—	SUPER SILT FENCE
FF	FIRST FLOOR ELEVATION
BE	BASEMENT ELEVATION
(NO)	PROPOSED WALKOUT
X-X	TREE PROTECTION
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE
---	EXISTING STREET TREE
N.B.S.	NO BASEMENT SEWER

### SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT. (1 WEEK)
- INSTALL SEDIMENT AND EROSION CONTROL DEVICES PER PLAN (2 DAYS)
- CLEAR AND GRUB SITE (4 DAYS)
- EXCAVATE FOR FOUNDATIONS AND ROUGH GRADE (1 WEEK) PER DWELLING
- CONSTRUCT DWELLING (60 DAYS) PER DWELLING
- FINE GRADE SITE, INSTALL DRIVEWAYS (2 DAYS)
- INSTALL PERMANENT SEEDING (2 DAYS)
- REMOVE SEDIMENT CONTROL DEVICES AS PERMISSION IS GRANTED BY SEDIMENT CONTROL INSPECTOR AND UPLAND AREAS HAVE BEEN STABILIZED. (2 DAYS)



LOT INFORMATION		
LOT NO.	MIN. CELLAR ELEV.	INT. ELEV. & PROP. LINE (ft.)
30	421.9	416.10
31	423.9	418.10
32	423.0	417.00
43	417.0	394.02
44	417.0	412.26
45	423.7	418.38
46	423.9	418.42
47	421.7	416.36
48	413.7	407.93
49	412.9	406.87
50	413.7	408.36

ADDRESS CHART	
NO.	STREET ADDRESS
50	3038 GREENHAVEN COURT
49	3042 GREENHAVEN COURT
48	3046 GREENHAVEN COURT
47	3050 GREENHAVEN COURT
46	3054 GREENHAVEN COURT
45	3058 GREENHAVEN COURT
44	3062 GREENHAVEN COURT
43	3066 GREENHAVEN COURT
42	3070 GREENHAVEN COURT
41	3074 GREENHAVEN COURT
40	3078 GREENHAVEN COURT
39	3082 GREENHAVEN COURT

### GENERAL NOTES

- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1900 AT LEAST (5) FIVE WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY THIS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: 9-24-24
- F-106-15, F-07-78
- BOUNDARY SURVEY PERFORMED BY FISHER, COLLINS AND CARTER INC. ON OR ABOUT OCTOBER, 1989
- HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS:
 

17 EA	N 87°43'51.57"
17 EB	E 130°7'51.1"
17 EC	N 87°30'13.64"
17 ED	E 130°5'19.10"
- ANY DAMAGE TO THE COUNTY'S RIGHTS-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- THIS PLAN IS FOR HOUSE SITING AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHTS-OF-WAY OF THIS S.D.P. ARE NOT USED FOR CONSTRUCTION. FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS, F-07-78 AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 24-3515-D
- CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
- STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F-07-78
- PILE ANALYSIS DATA:
 

A.	TOTAL PROJECT AREA: 841 AC.
B.	AREA OF PLANNED SUBMISSION: 841 AC.
C.	LIMIT OF DISTURBED AREA: 6.73 AC.
D.	PRESENT ZONING: R-20
E.	PROPOSED USE FOR SITE AND STRUCTURES: SINGLE FAMILY DETACHED
F.	TOTAL NUMBER OF LOTS: 21
- TOPOGRAPHY IS BASED ON GRADING PLANS FOR F-07-78
- CONTRACTOR TO CHECK POWER HOUSE CONNECTION ELEVATION AT PROPERTY LINE PRIOR TO CONSTRUCTION.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING (MINIMUM) REQUIREMENTS:
  - WIDTH: 12 FEET (6 FEET MINIMUM) MORE THAN ONE RESIDENCE
  - SURFACE: 6X10" DIMENSIONS OF COMPACTED CRUSHER RUN BASE WITH TACK AND CHIP COATING (1 1/2" MINIMUM)
  - GEOMETRY: MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 40' FOOT TURNING RADIUS
  - MAINTENANCE: SUFFICIENT TO INSURE ALL WEATHER USE.

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTRAL OFFICE: 10000 WOODBURN ROAD, SUITE 200, GREENBELT, MD 21740  
 TELEPHONE: 301-271-1100

### 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.

Signature of Engineer (Print name below signature) *John A. Williams* Date *6/13/99*

### DEVELOPER'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 the Environment 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.

Signature of Developer (Print name below signature) *John A. Williams* Date *6/13/99*

Reviewed for HOWARD SCD and meets Technical Requirements.

Signature *John A. Williams* Date *6/13/99*

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

Signature *John A. Williams* Date *6/13/99*

**OWNER/BUILDER**  
 MR. H. JONAS BAKER, JR. et al.  
 2106 MOUNT HEBRON DRIVE  
 BETHESDA CITY, MARYLAND 20813

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Signature *John A. Williams* Date *6/29/99*

Signature *John A. Williams* Date *6/29/99*

Signature *John A. Williams* Date *6/21/99*

SUBDIVISION	MT. HEBRON	SECTION/PHASE	23 / 2 & 3	LOT NO.	30-50
PLAT NO.	1207041E004	BLOCK NO.	3	ZONE	R-20
WATER CODE	H03	SEWER CODE	5752000	ELEC. DIST.	2ND
				CENSUS TR.	6021

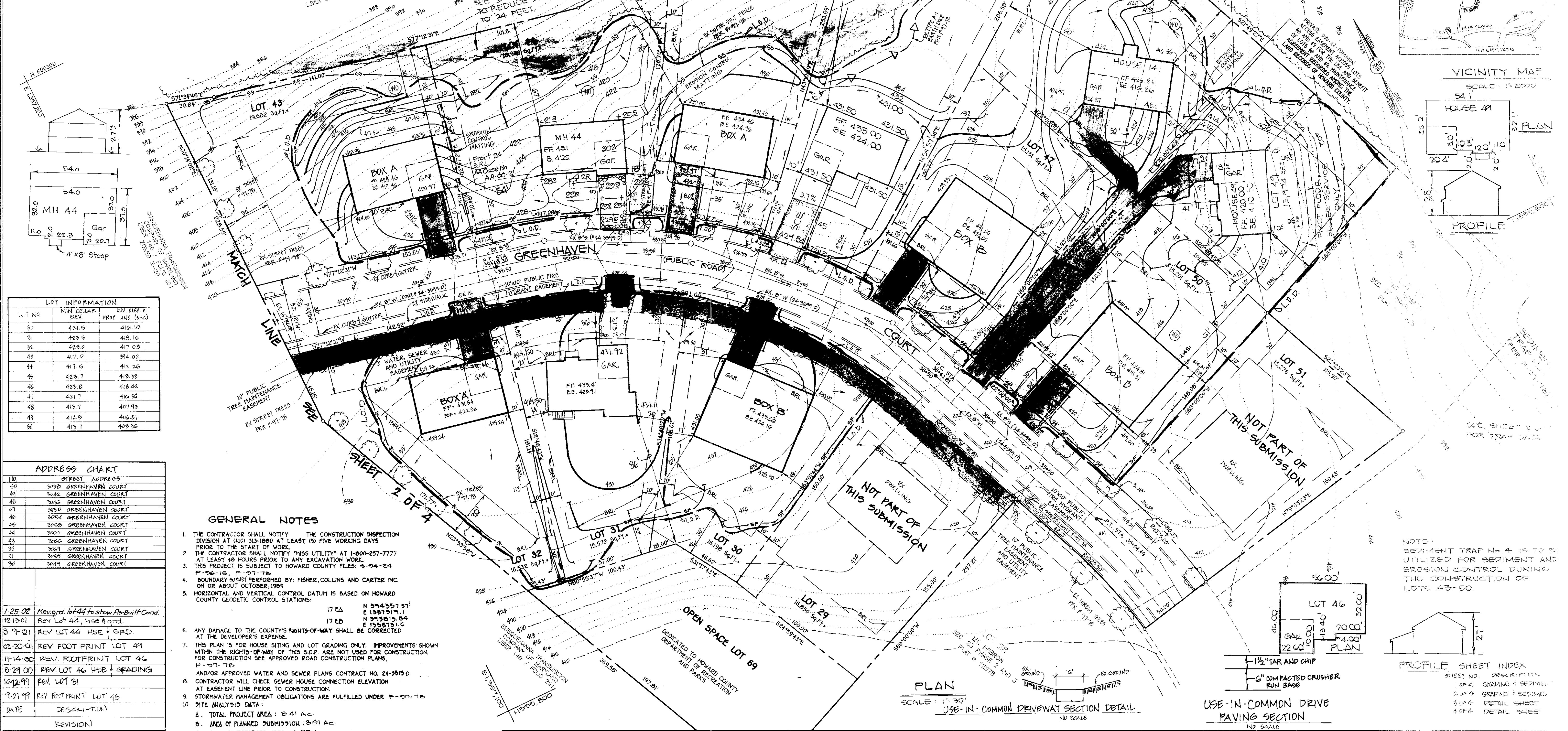
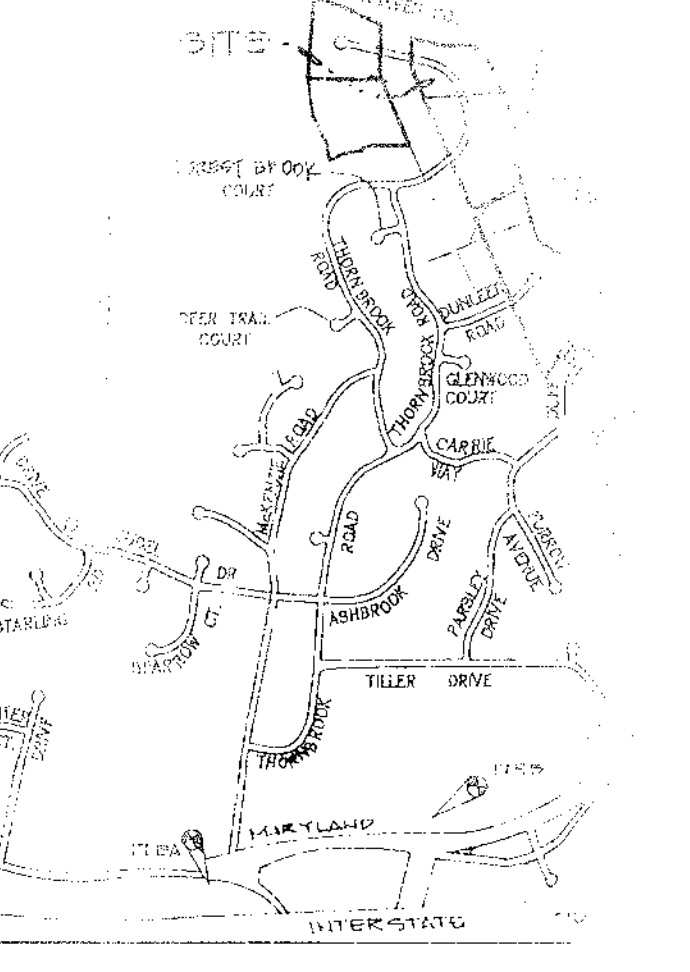
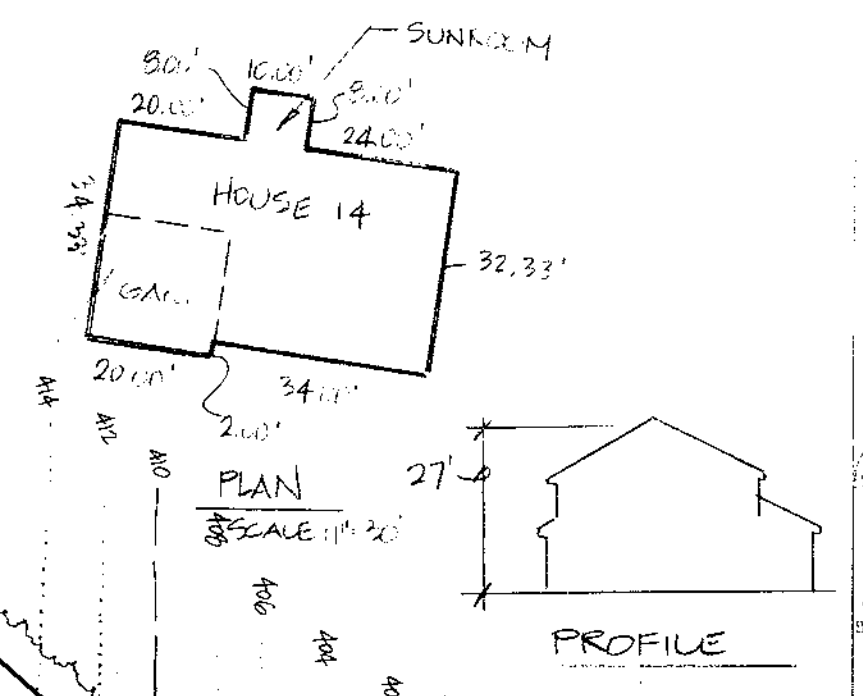
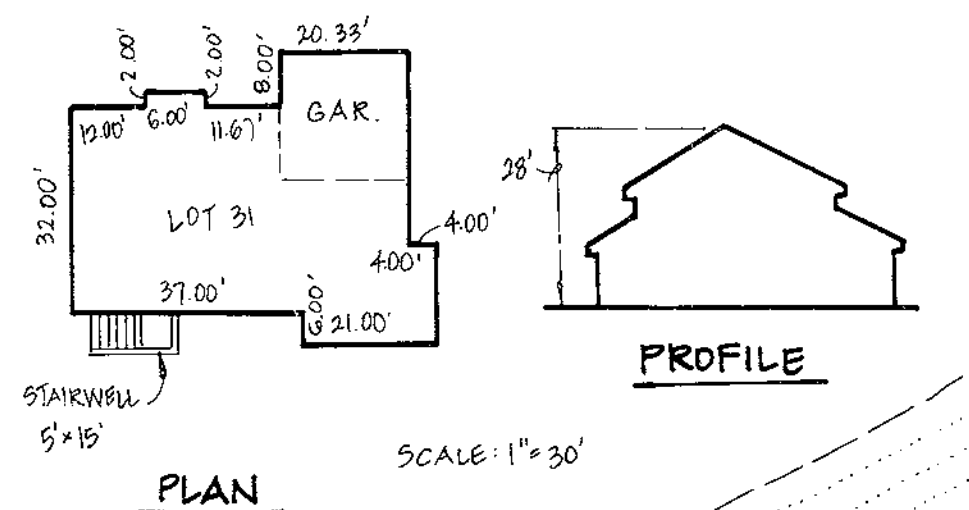
### SITE DEVELOPMENT PLAN, GRADING & SEDIMENT CONTROL PLAN

**MT. HEBRON**  
 SECTION 23 - PHASES 2 AND 3  
 LOTS 30 THRU 50  
 ZONING R-20

TAX MAP 17, PART OF PARCEL 37, GRID 3  
 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 DATE: 6-24-24, P-36-15 SHEET 1 OF 4 F-07-78 SPD-99-10

LEGEND	
SYMBOL	DESCRIPTION
(Symbol)	EXISTING CONTOUR 2' INTERVAL
(Symbol)	EXISTING CONTOUR 10' INTERVAL
(Symbol)	PROPOSED CONTOUR 2' INTERVAL
(Symbol)	PROPOSED CONTOUR 10' INTERVAL
(Symbol)	SPOT ELEVATION
(Symbol)	SILT FENCE
(Symbol)	SUPER SILT FENCE
(Symbol)	FIRST FLOOR ELEVATION
(Symbol)	BASEMENT ELEVATION
(Symbol)	PROPOSED WALKOUT
(Symbol)	TREE PROTECTION
(Symbol)	EXISTING TREE LINE
(Symbol)	LIMIT OF DISTURBANCE
(Symbol)	EXISTING STREET TREE
(Symbol)	N.B.S. NO BASEMENT SEWER

- ### SEQUENCE OF CONSTRUCTION
1. OBTAIN GRADING PERMIT. (1 WEEK)
  2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES PER PLAN (2 DAYS)
  3. CLEAR AND GRUB SITE (4 DAYS)
  4. EXCAVATE FOR FOUNDATION AND ROUGH GRADE. (1 WEEK) PER DWELLING
  5. CONSTRUCT DWELLING (60 DAYS) PER DWELLING
  6. FINE GRADE SITE, INSTALL DRIVEWAYS (2 DAYS)
  7. INSTALL PERMANENT SEEDING (2 DAYS)
  8. REMOVE SEDIMENT CONTROL DEVICES AS PERMITS ARE GRANTED BY SEDIMENT CONTROL INSPECTOR AND UPLAND AREAS HAVE BEEN STABILIZED. (2 DAYS)



LOT INFORMATION			
LOT NO.	MINI CELLAR ELEV.	MINI BLEN + PROF. LINE (SHO)	MINI BLEN + PROF. LINE (SHO)
30	421.9	416.10	
31	423.9	418.10	
32	423.0	417.00	
43	417.0	394.02	
44	417.0	412.26	
45	423.7	410.38	
46	423.0	418.42	
47	421.7	416.36	
48	413.7	407.99	
49	412.9	406.87	
50	413.7	408.36	

ADDRESS CHART	
NO.	STREET ADDRESS
50	3025 GREENHAVEN COURT
49	3042 GREENHAVEN COURT
48	3046 GREENHAVEN COURT
47	3050 GREENHAVEN COURT
46	3054 GREENHAVEN COURT
45	3058 GREENHAVEN COURT
44	3062 GREENHAVEN COURT
43	3066 GREENHAVEN COURT
42	3070 GREENHAVEN COURT
41	3074 GREENHAVEN COURT
40	3078 GREENHAVEN COURT

- ### GENERAL NOTES
1. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1000 AT LEAST (5) FIVE WORKING DAYS PRIOR TO THE START OF WORK.
  2. THE CONTRACTOR SHALL NOTIFY "MHS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
  3. THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: 3-24-24 FF-06-15, F-07-78.
  4. BOUNDARY SURVEY PERFORMED BY: FISHER, COLLINS AND CARTER INC. ON OR ABOUT OCTOBER, 1989.
  5. HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS:
    - 17 EA N 574357.57
    - 17 EB E 1387517.1
    - N 945015.84
    - E 1386151.16
  6. ANY DAMAGE TO THE COUNTY'S RIGHTS-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
  7. THIS PLAN IS FOR HOUSE SITING AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHTS-OF-WAY OF THE S.D.P. ARE NOT USED FOR CONSTRUCTION FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS, F-07-78.
  8. AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 24-3519-D.
  9. CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
  10. STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F-07-78 SITE ANALYSIS DATA:
    - A. TOTAL PROJECT AREA: 0.41 AC.
    - B. AREA OF PLANNED SUBMISSION: 0.41 AC.
    - C. LIMIT OF DISTURBED AREA: 0.73 AC.
    - D. PRESENT ZONING: R-EO
    - E. PROPOSED USE FOR SITE AND STRUCTURES: SINGLE FAMILY DETACHED
    - F. TOTAL NUMBER OF LOTS: 21
  11. TOPOGRAPHY IS BASED ON GRADING PLANS FOR F-07-78.
  12. CONTRACTOR TO CHECK POWER HOUSE CONNECTION ELEVATION AT PROPERTY LINE PRIOR TO CONSTRUCTION.
  13. DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES FOR THE FOLLOWING (MINIMUM) REQUIREMENTS:
    - A) WIDTH: 12 FEET (6 FEET SPRING MORE THAN ONE RESIDENCE)
    - B) SURFACE: (1/2") THICK CONCRETE CRUSHER RUN BASE WITH T&E AND CHIP COATING (1 1/2" MINIMUM)
    - C) GEOMETRY: MAXIMUM 5% GRADE, MAXIMUM 10% GRADE CHANGE AND 46-FOOT TURNING RADIUS.
    - D) MAINTENANCE: SUFFICIENT TO INSURE ALL WEATHER USE.

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTRAL SQUARE OFFICE PARK - 10722 BALTIMORE NATIONAL PIKE  
 ELICOTT CITY, MARYLAND 21042  
 (410) 461-2855

**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.  
 Signature of Engineer (Print name below signature) \_\_\_\_\_ Date 6/13/98

**DEVELOPER'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 the Environment 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.  
 Signature of Developer (Print name below signature) \_\_\_\_\_ Date 6/13/98

Reviewed for HOWARD SCD and meets Technical Requirements.  
 U.S.D.A.-Natural Resources Conservation Service  
 Date 6/13/99

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
 Date 6/13/99

**OWNER/BUILDER**  
 MR. H. JAMES BAKER, JR. et al.  
 2106 MOUNT HEBRON DRIVE  
 ELICOTT CITY, MARYLAND 21043

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 Director - Department of Planning and Zoning  
 Date 6/13/99

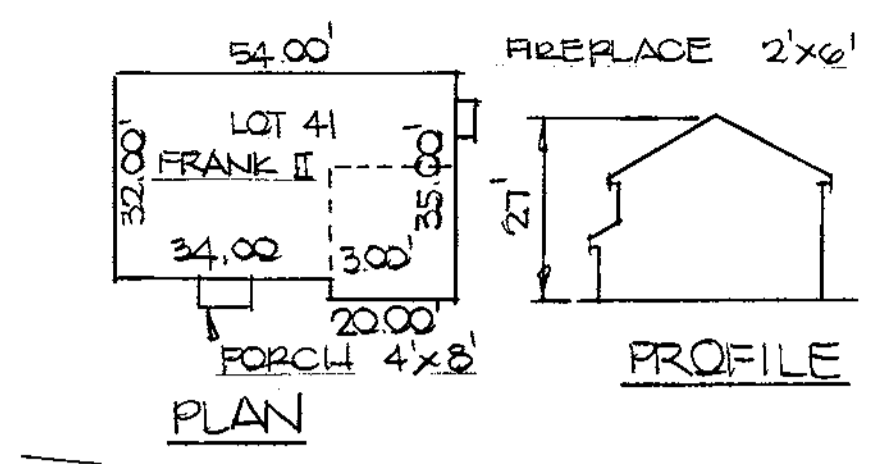
Chief, Division of Land Development  
 Date 6/21/99

Chief, Development Engineering Division  
 Date 6/21/99

SUBDIVISION: MT. HEBRON SECTION: PHASE 23/24/3 LOT NO. 30-50  
 PLAT NO. 12079, 412008 BLOCK NO. 3 ZONE R-20 TAX/ZONE 17 ELEC. DIST. 2ND CENSUS TR. 6021  
 WATER CODE H03 SEWER CODE 5758000

**SITE DEVELOPMENT PLAN, GRADING & SEDIMENT CONTROL PLAN**  
**MT. HEBRON SECTION 23 - PHASES 2 AND LOTS 30 THRU 50**  
 TAX MAP NO. 11 OF PARCEL 30 SECOND ELECTORAL DISTRICT HOWARD COUNTY, MARYLAND  
 6-24-24, F-06-15  
**SDP 99-10**

NOTE: EXISTING SEDIMENT TRAP No. 2 IS TO BE UTILIZED FOR SEDIMENT AND EROSION CONTROL DURING THE CONSTRUCTION OF LOTS 33-42



RELOCATE EARTH DIKE AND TREE PROTECTION FENCE ON LOT 42 FOR THE COMPLETION OF PROPOSED GRADING.

\*A/A CASE 00-25 SECTION 108 b.4b(1)(a)(i) TO REDUCE THE 30 FOOT FRONT SETBACK FROM A STREET RIGHT-OF-WAY TO 24 FOOT FOR LOTS 40, 41, 42, 43 AND 44

LOT INFORMATION

LOT NO.	MIN. CLEAR ELEV.	MIN. BUY 2' PROF. LINE (H&C)
33	379.0	
34	380.0	375.26
35	380.3	375.31
36	380.7	376.83
37	380.7	376.93
38	381.0	376.49
39	380.8	376.46
40	380.5	382.91
41	373.0	388.03
42	378.7	373.74

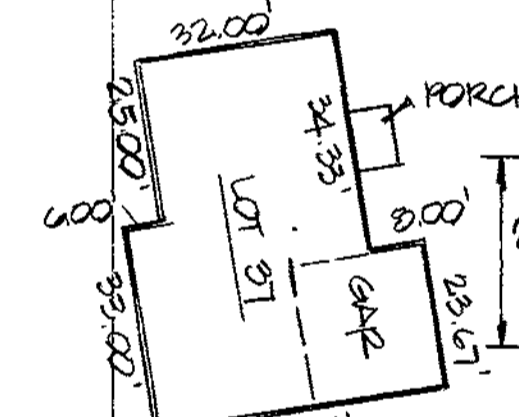
ADDRESS CHART

NO.	STREET ADDRESS
33	3081 GREENHAVEN COURT
34	3091 GREENHAVEN COURT
35	3095 GREENHAVEN COURT
36	3099 GREENHAVEN COURT
37	3078 GREENHAVEN COURT
38	3074 GREENHAVEN COURT
39	3090 GREENHAVEN COURT
40	3086 GREENHAVEN COURT
41	3082 GREENHAVEN COURT
42	3078 GREENHAVEN COURT

LEGEND

Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
• 624	Spot Elevation
-SF-SF-	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
○	Proposed Walkout
---	Earth Dike
-X-X-	Tree Protection
---	Existing Tree Line
L.O.D.	Limit of Disturbance
⊙	Existing Street Tree

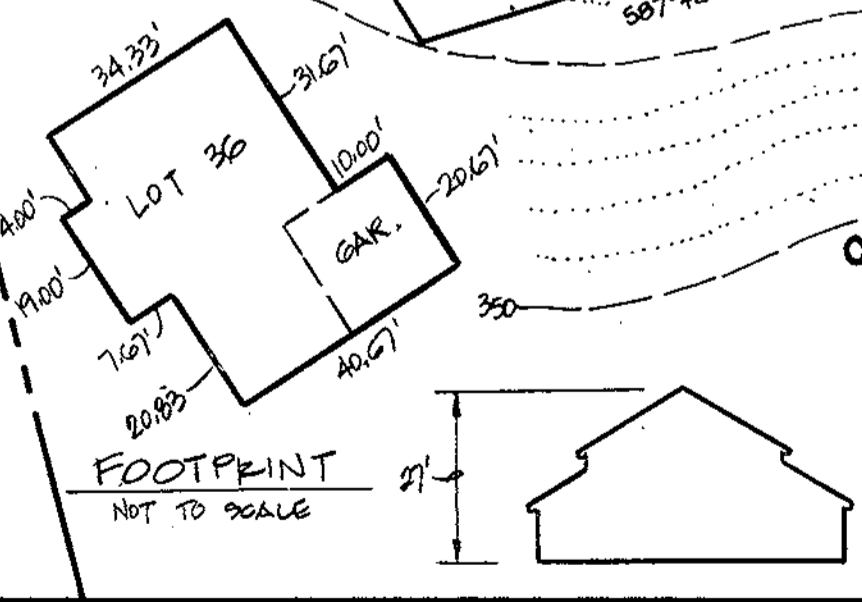
TRAP DATA  
 F-77 TO STONE OUTLET BY 11'  
 DRAINAGE AREA: 2.97 AC ±  
 STORAGE REQUIRED: 10,692 C.F.  
 STORAGE PROVIDED: 10,780 C.F.  
 WEIR CREST ELEVATION: 353.00  
 BOTTOM ELEVATION: 350.00  
 DEPTH: 3.00'  
 SIDE SLOPES: 2:1  
 TOP EMBANKMENT ELEVATION: 354.00  
 WEIR LENGTH: 10.00'  
 CLEANOUT ELEVATION: 351.50



NOTE: RELOCATE EARTH DIKE ON LOT 36 AND PART OF LOT 35 MAINTAINING A POSITIVE FLOW TO SEDIMENT TRAP No. 2

REVISIONS

DATE	DESCRIPTION
10-5-01	REV. GRD. LOT 38 TO "AS-BUILT" COND.
8-17-01	REV. LOT 33 GRD. ON LOT
8-9-01	REV. LOT 40 HOUSE + GRD.
10-16-01	REV. GRD. LOT 33 TO "AS-BUILT" COND.
6-01-01	REV. MOD. + GRD. ON LOT 33
4-09-01	REV. MOD. + GRD. ON LOT 41
3-29-01	REV. MOD. + GRD. ON LOT 38
12-10-99	REV. MOD. + GRD. ON LOT 37
7-8-99	REV. MOD. + GRD. ON LOT 36



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.

Signature of Engineer (Print name below signature) *John L. Johnson* Date *11/13/98*

DEVELOPER'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 the Environment 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.

Signature of Developer (Print name below signature) *John L. Johnson* Date *11/13/98*

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Reviewed for HOWARD SCD and meets Technical Requirements.  
 U.S.D.A. Natural Resources Conservation Service  
 This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

Signature of Engineer (Print name below signature) *John L. Johnson* Date *6/3/99*

Signature of Developer (Print name below signature) *John L. Johnson* Date *6/3/99*

OWNER / BUILDER  
 MR. H. JONES BAKER, JR. et al.  
 2100 MOUNT HEBRON DRIVE  
 ELLICOTT CITY, MARYLAND 21043

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Signature of Engineer (Print name below signature) *John L. Johnson* Date *6/23/99*

Signature of Developer (Print name below signature) *John L. Johnson* Date *6/23/99*

Signature of Chief, Department of Planning and Zoning *John L. Johnson* Date *6/23/99*

Signature of Chief, Development Engineering Division *John L. Johnson* Date *6/23/99*

SUBDIVISION: MT. HEBRON  
 BLOCK NO.: 3  
 ZONE: R-20  
 TAX/ZONE: 17  
 ELEC. DIST.: 2ND  
 CENSUS TR.: G021  
 WATER CODE: H03  
 SEWER CODE: 5758000

SITE DEVELOPMENT PLAN, GRADING & SEDIMENT CONTROL PLAN

MT. HEBRON SECTION 23 - PHASES 2 AND 3 LOTS 30 THRU 50 ZONING R-20

TAX MAP 17, PART OF PARCEL 37, GRID 3 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND DATE: 5-24-24, P-06-15 SHEET 2 OF 4 E-07-78, SDF-03-10

FISHER, COLLINS & CARTER, INC.  
 CIVIL, ENGINEERING, CONSULTANTS & LAND SURVEYORS  
 CENTRAL SQUARE OFFICE PLACE - 1072 BALTIMORE NATIONAL FIRE ELLICOTT CITY, MARYLAND 21043  
 410-461-2895



NOTE: EXISTING SEDIMENT TRAP No. 2 IS TO BE UTILIZED FOR SEDIMENT AND EROSION CONTROL DURING THE CONSTRUCTION OF LOTS 33-42.

EXISTING SEDIMENT TRAP No. 2 (PER F-07-78) (SEE THIS SHEET FOR DATA)

PROPERTY OF STATE OF MARYLAND DEPARTMENT OF FOREST AND PARKS LIBER 333 FOLIO 302

RELOCATE EARTH DIKE AND TREE PROTECTION FENCE ON LOT 42 FOR THE COMPLETION OF PROPOSED GRADING.

SEE CASE 00-25 SECTION 108 D.4.b(1)(a)(i) TO REDUCE THE 30 FOOT FRONT SETBACK FROM A STREET RIGHT-OF-WAY TO 24 FEET FOR LOTS 40, 41, 42, 43 AND 44

LOT INFORMATION

LOT NO.	MIN. CELLAR ELEV.	INV. ELEV. @ PROF. LINE (982)
33	399.0	
34	380.6	375.26
35	380.3	375.31
36	380.9	376.83
37	380.7	376.93
38	381.0	376.49
39	380.8	376.46
40	386.5	382.91
41	393.0	388.03
42	390.7	393.74

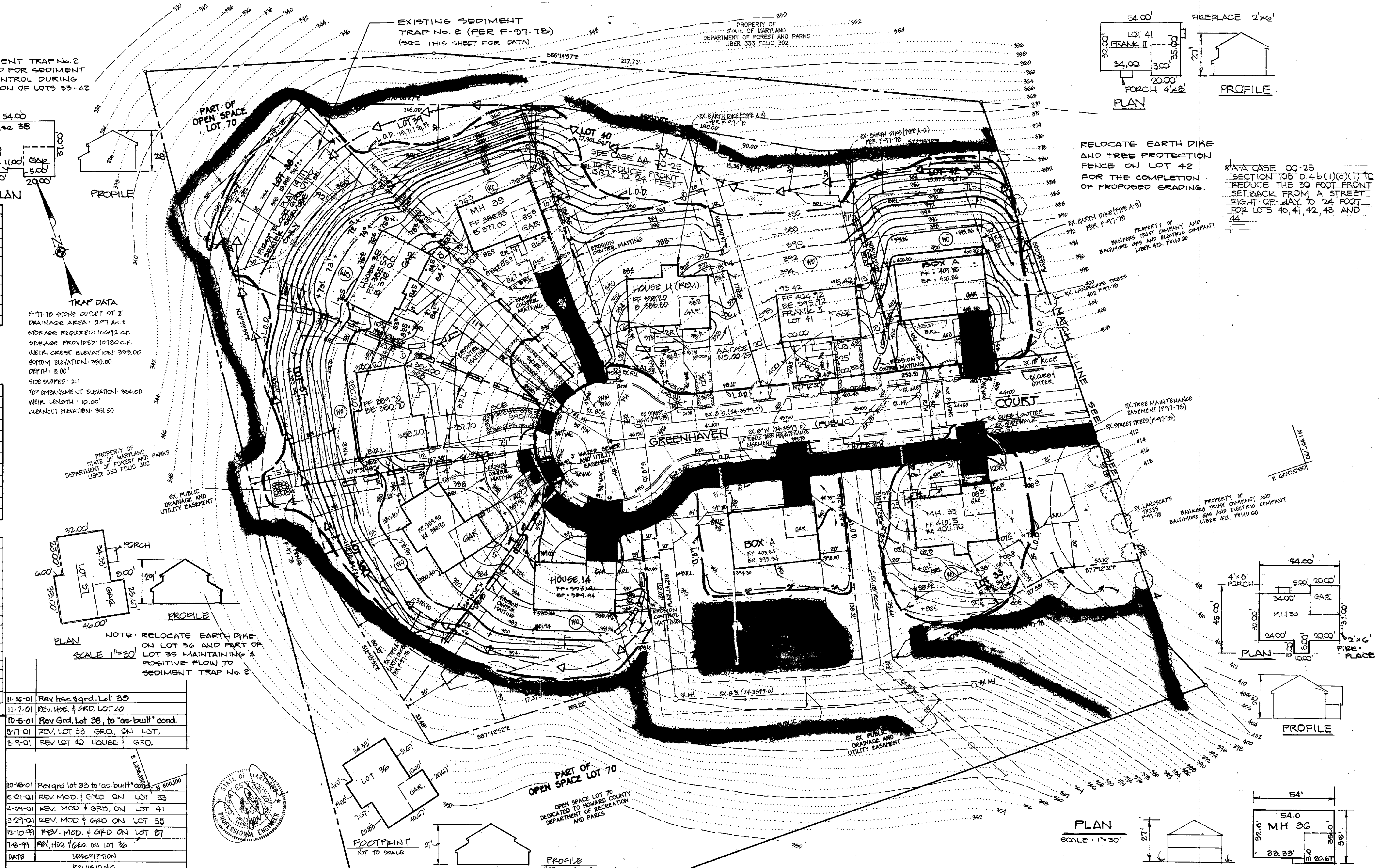
TRAP DATA  
 F-77 TO STONE OUTLET ST II  
 DRAINAGE AREA: 2.97 AC.  
 STORAGE REQUIRED: 10,692 C.F.  
 STORAGE PROVIDED: 10,780 C.F.  
 WEIR CREST ELEVATION: 353.0  
 BOTTOM ELEVATION: 350.0  
 DEPTH: 3.00'  
 SIDE SLOPES: 2:1  
 TOP EMBANKMENT ELEVATION: 354.0  
 WEIR LENGTH: 10.00'  
 CLEANOUT ELEVATION: 351.50

ADDRESS CHART

NO.	STREET ADDRESS
33	3087 GREENHAVEN COURT
34	3091 GREENHAVEN COURT
35	3095 GREENHAVEN COURT
36	3099 GREENHAVEN COURT
37	3103 GREENHAVEN COURT
38	3107 GREENHAVEN COURT
39	3111 GREENHAVEN COURT
40	3115 GREENHAVEN COURT
41	3119 GREENHAVEN COURT
42	3123 GREENHAVEN COURT

LEGEND

Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
• 624	Spot Elevation
-SF-SF-	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
---	Proposed Walkout
---	Earth Dike
-X-X-	Tree Protection
---	Existing Tree Line
L.O.D.	Limit of Disturbance
(S)	Existing Street Tree



REVISIONS

DATE	DESCRIPTION
11-16-01	Rev hoc & grd. Lot 39
11-7-01	REV. HOSE & GRD. LOT 40
10-5-01	Rev Grd. Lot 38, to "as-built" cond.
8-17-01	REV. LOT 33 GRD. ON LOT
8-9-01	REV LOT 40. HOUSE & GRD.
10-18-01	Rev grd lot 33 to "as-built" cond.
6-01-01	REV. MOD. & GRD ON LOT 33
4-09-01	REV. MOD. & GRD. ON LOT 41
3-29-01	REV. MOD. & GRD. ON LOT 38
12-10-99	REV. MOD. & GRD ON LOT 37
7-8-99	REV. HOSE & GRD. ON LOT 36



TRAP DATA

TRAP NO.	STONE OUTLET ST 2	STONE OUTLET ST 4
DRAINAGE AREA	2.97 AC.	2.65 AC.
STORAGE REQUIRED	10,692 C.F.	9,540 C.F.
STORAGE PROVIDED	10,780 C.F.	10,696 C.F.
WEIR CREST ELEV.	353.0	353.0
BOTTOM ELEV.	350.0	350.0
DEPTH	3'	4'
SIDE SLOPES	2:1	2:1
TOP EMBANKMENT	354.0	356.0
WEIR LENGTH	10'	11'
CLEANOUT ELEV.	351.50	353.0

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.  
 Signature of Engineer: [Signature] Date: 11/13/98

DEVELOPER'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 the Environment 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.  
 Signature of Developer: [Signature] Date: 11/13/98

Reviewed for HOWARD SCD and meets Technical Requirements.  
 U.S.D.A. Natural Resources Conservation Service  
 This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
 Signature: [Signature] Date: 6/3/99

OWNER / BUILDER  
 MR. H. JAMES BAKER, JR. et al.  
 2106 MOUNT HEBRON DRIVE  
 ELLICOTT CITY, MARYLAND 21043

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 Signature: [Signature] Date: 6/29/99  
 Chief, Department of Planning and Zoning  
 Signature: [Signature] Date: 6/25/99  
 Chief, Division of Land Development  
 Signature: [Signature] Date: 6/21/99  
 Chief, Development Engineering Division

SUBDIVISION: MT. HEBRON SECTION/PHASE: 23/2+3 LOT NO.: 30-50  
 PLAT NO.: 3 BLOCK NO.: 3 ZONE: R-20 TAX/ZONE: 17 ELEC. DIST.: 2ND CENSUS TR.: G021  
 WATER CODE: H03 SEWER CODE: 5758000

SITE DEVELOPMENT PLAN, GRADING & SEDIMENT CONTROL PLAN  
**MT. HEBRON**  
 SECTION 23 - PHASES 2 AND 3  
 LOTS 30 THRU 50  
 ZONING R-20  
 TAX MAP 17, PART OF PARCEL 37, GRID 3  
 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 DATE: 5-24-24, P-06-15 SHEET 2 OF 4 F-07-78, SDF-07-10

FISHER, COLLINS & CARTER, INC.  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 1000 W. BALTIMORE NATIONAL FREE  
 ELLICOTT CITY, MARYLAND 21043  
 410 418 - 2895