

**STONE OUTLET SEDIMENT TRAP # 2**  
 DRAINAGE AREA = 373 AC  
 STORAGE REQ'D = 7074 CF  
 STORAGE PROVIDED = 8425 CF  
 WEIR CREST ELEV. = 431.00  
 BOTTOM ELEV. = 426.00  
 CLEANOUT ELEV. = 426.00  
 DEPTH = 4.0  
 SIDE SLOPES = 2:1  
 TOP EMBANKMENT = 432.00  
 WEIR LENGTH = 16.0  
 BOTTOM DIMENSIONS = 90' X 12'  
 TOP DIMENSIONS = 110' X 30'  
 (EX. TRAP SEE P. 192-195)

MCKENZIE'S DISCOVERY  
 SECTION 2  
 PLAT NO. 7541  
 OPEN SPACE  
 LOT 23  
 65,845 SF

LOT NO.	INVERT @ FL.	MIN. CELLAR ELEV.
1	434.64	440.20
2	434.64	440.20
3	435.69	444.3
4	439.24	445.5
5	434.57	445.6
6	439.79	445.5
7	433.05	437.2
8	430.66	436.2
10	430.24	435.8
14	429.84	435.4
20	429.24	434.8
21	428.66	432.7
22	428.36	432.4

ZONED R-20  
 MCKENZIE'S DISCOVERY  
 SECTION 2  
 PLAT NO. 75218

- LEGEND**
- EXISTING CONTOUR
  - PROPOSED CONTOUR
  - PROPOSED CONSTRUCTION ENTRANCE
  - EARTH DIK
  - SPOT ELEVATIONS w/ FLOW ARROWS
  - SILT FENCE
  - STREET TREE (F#12-11)
  - 2 1/2" min. caliper or Maples planted at 40' oc
  - PLANTED SLOPES 25% OR GREATER
  - TREE PROTECTION FENCE



**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 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 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

\_\_\_\_\_  
 SIGNATURE OF DEVELOPER

\_\_\_\_\_  
 DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS:  
 J. M. Workfield 10/20/93  
 DISTRICT ENGINEER

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 APPROVED:  
 John R. Blanton 11/25/93  
 DISTRICT ENGINEER

APPROVED: DEPT. OF PLANNING AND ZONING  
 Planning Director: [Signature] 11/8/93  
 Chief, Division of Land Development and Research: [Signature] 11/8/93

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS  
 Health Officer: [Signature] 11-4-93

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.  
 Director, Public Works: [Signature] 11-7-93  
 Chief, Bureau of Engineering: [Signature] 11/2/93

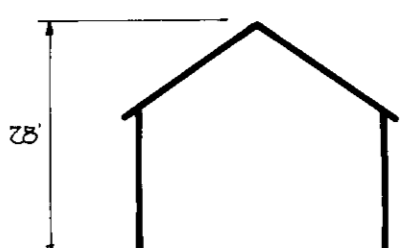
SUBDIVISION	SECTION	LOT NO.
MT. HEBRON	22	1-10 AND 12-22
PLAT NO.	BLOCK NO.	ZONE
10759	9	R-20
TAX/ZONE	ELEC. DIST.	CENSUS TR.
17	SECOND	6021
WATER CODE	SEWER CODE	
H-03	1455800	

**SITE DEVELOPMENT PLAN**  
**MT. HEBRON**  
 SECTION 22  
 LOTS 1-10 AND 12-22

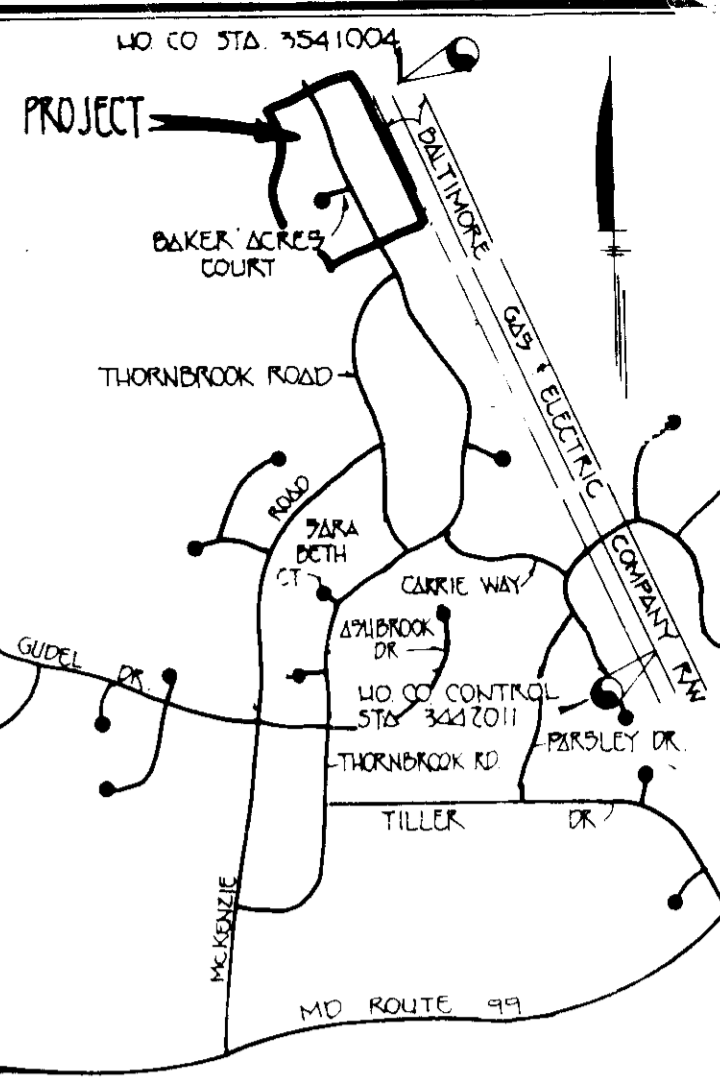
TAX MAP 17 ZONING R-20 PARCEL 27  
 SECOND ELECTION DIST. HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 30' DATE: OCTOBER 14, 1993  
 SHEET 1 OF 3

**REVISIONS**

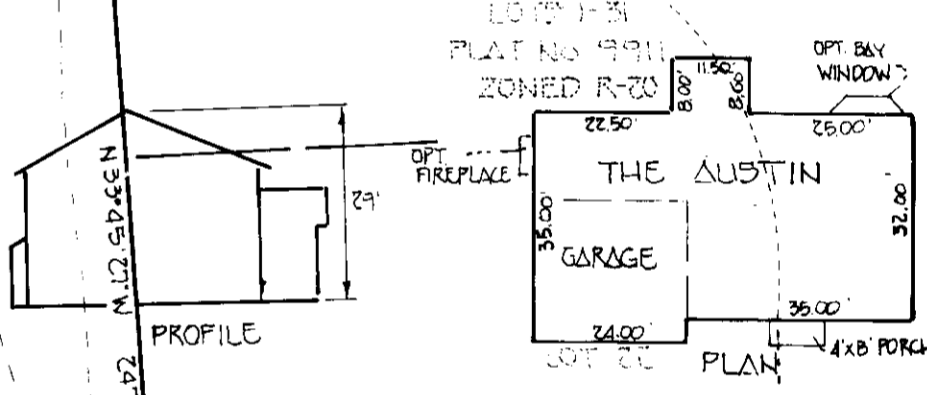
NO.	DATE	DESCRIPTION
1	13 JULY 94	REV. HIDE GRID ON LOT 20
2	13 SEPT. 94	REV. HIDE GRID ON LOT 19



MODEL "D"  
 TYPICAL HOUSE DETAIL  
 NOT TO SCALE



- GENERAL NOTES**
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
  - THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 LEAVE 48 HOURS PRIOR TO ANY EXCAVATION WORK.
  - THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: MT. HEBRON SECTION 22, S 87-53, P 92-155, P 92-09. BOUNDARY SURVEY WAS PREPARED BY FISHER, COLLINS AND CARTER, INC. ON OR ABOUT MAY, 1992.
  - HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS 1442011 AND 1541014. ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
  - EXISTING UTILITIES WERE LOCATED FROM EXISTING ROAD CONSTRUCTION DRAWINGS AND EXISTING WATER AND SEWER CONSTRUCTION DWD.
  - SITE ANALYSIS:
    - THIS PROJECT IS ZONED R-20.
    - TOTAL AREA OF BUILDABLE LOTS: 8,473 AC.
    - LIMIT OF SUBMISSION AREA: 8,473 AC.
    - TOTAL NUMBER BUILDABLE LOTS: 21
    - THE MAXIMUM ALLOWABLE COVERAGE BY A STRUCTURE ON ANY LOT IS 30%.
    - ALL FIREPLACE CHIMNEYS AND BAY WINDOWS NOT MORE THAN 10 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY REQUIRED YARD IN ACCORDANCE WITH SECTION 124 OF THE ZONING REGULATIONS.
    - SEE EXISTING WATER AND SEWER CONTRACT 14-3181-D.
    - STORMWATER MANAGEMENT PROVIDED IN MT. HEBRON SECTION 22 OVERPAGE LOT 49.
    - VERTICAL DATUM IS BASED ON THE FOLLOWING BENCH MARKS:
      - BM 1000 ELEVATION 429.81
      - ROAD SET 171' SOUTHWEST OF LINEAR PROFILE STATION 1+55 ELMWOOD COURT IN LOT 45 ELEVATION 424.02
      - ROAD SET 714' NORTH OF E. STATION 2+00 DEERTRAIL ROAD ON LOT 20 ELEVATION 424.02
    - UTILITY BOXES MAY NOT BE LOCATED WITHIN OPEN SPACE, ACCESS DRIVE OR DRIVEWAY.



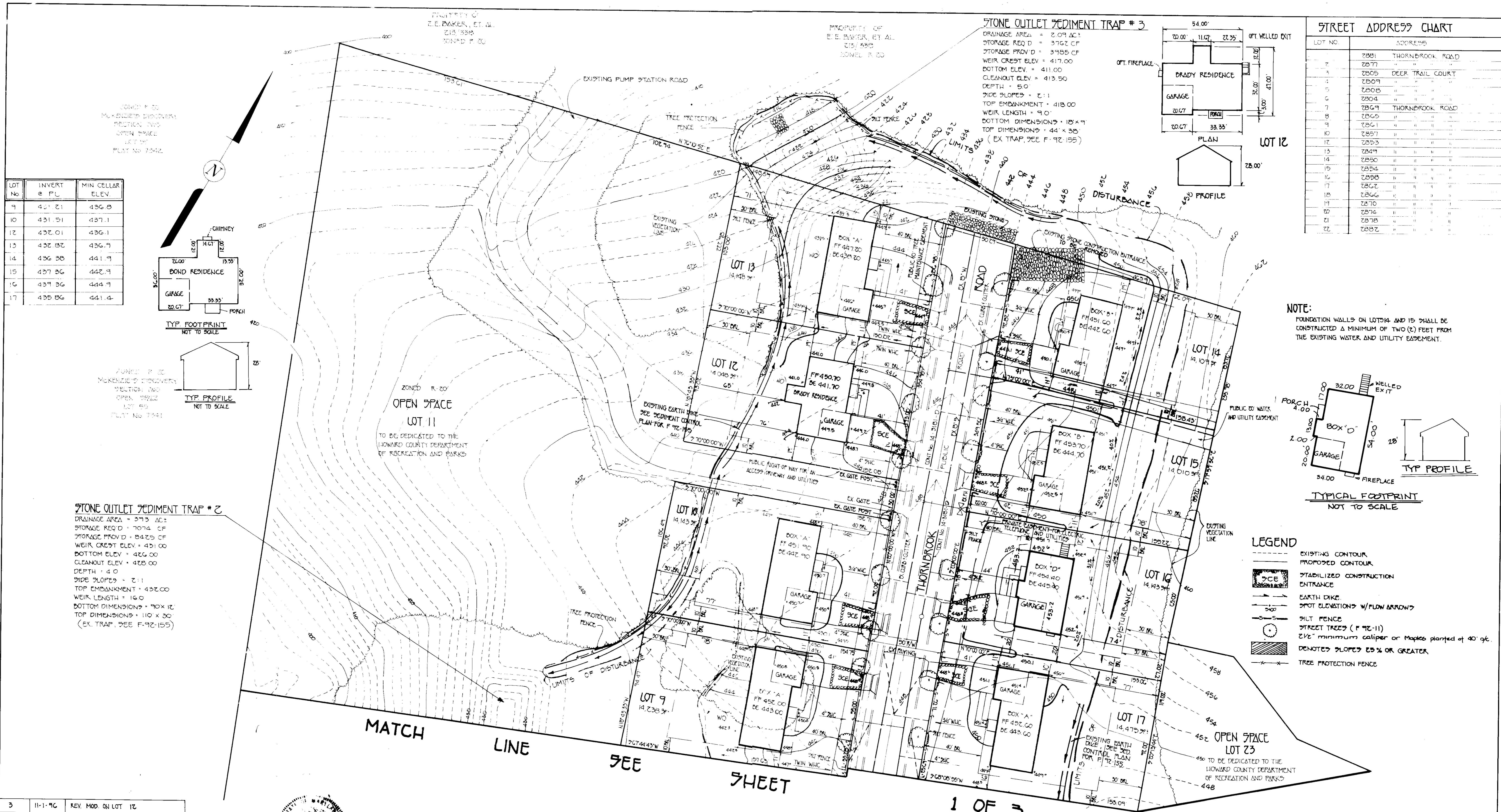
**STONE OUTLET SEDIMENT TRAP # 1**  
 DRAINAGE AREA = 477 AC  
 STORAGE REQ'D = 8506 CF  
 STORAGE PROVIDED = 9550 CF  
 WEIR CREST ELEV. = 425.00  
 BOTTOM ELEV. = 418.00  
 CLEANOUT ELEV. = 421.00  
 DEPTH = 6.0  
 SIDE SLOPES = 2:1  
 TOP EMBANKMENT = 426.00  
 WEIR LENGTH = 20.0  
 BOTTOM DIMENSIONS = 40' X 7'  
 TOP DIMENSIONS = 119' X 24'  
 (EX. TRAP SEE P. 192-195)

**SHEET INDEX**

SHEET #	DESCRIPTION
1 OF 3	PLAN VIEW
2 OF 3	PLAN VIEW
3 OF 3	NOTES AND DETAILS

OWNER & DEVELOPER  
 MR. H. JONES BAKER JR.  
 2106 MT. HEBRON DRIVE  
 ELLICOTT CITY, MARYLAND 21045

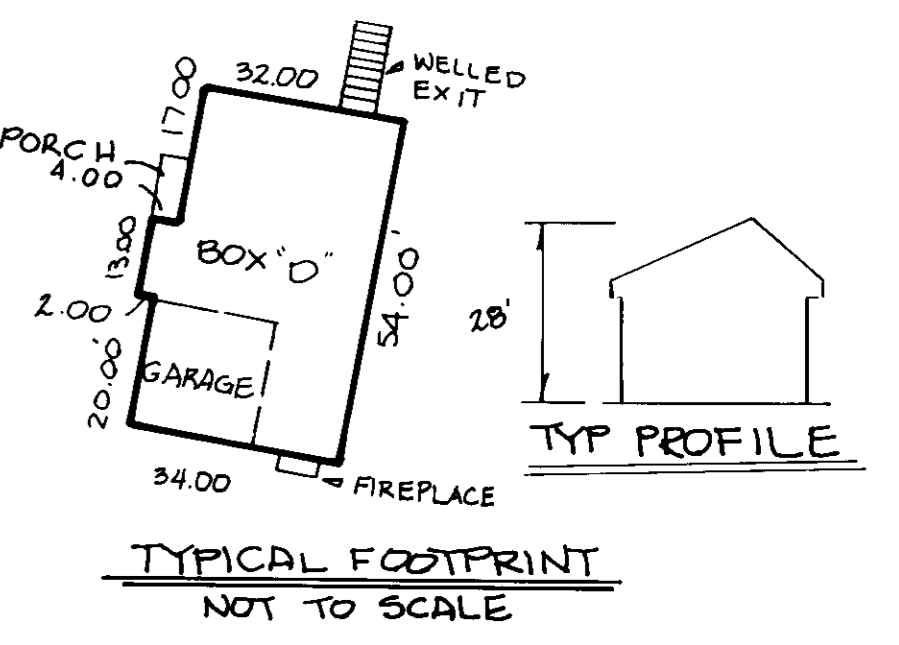
**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 971 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 461-2855



LOT NO	INVERT @ P.C.	MIN CELLAR ELEV.
9	431.21	436.0
10	431.51	437.1
12	432.01	436.1
13	432.32	436.9
14	436.00	441.9
15	437.06	442.9
16	437.36	444.9
17	435.86	441.4

STREET ADDRESS CHART	
LOT NO	ADDRESS
7	2881 THORNBROOK ROAD
8	2877 " " " "
9	2805 DEER TRAIL COURT
10	2809 " " " "
11	2808 " " " "
12	2804 " " " "
13	2807 THORNBROOK ROAD
14	2805 " " " "
15	2806 " " " "
16	2801 " " " "
17	2802 " " " "
18	2803 " " " "
19	2804 " " " "
20	2805 " " " "
21	2806 " " " "
22	2807 " " " "

NOTE: FOUNDATION WALLS ON LOTS 14 AND 15 SHALL BE CONSTRUCTED A MINIMUM OF TWO (2) FEET FROM THE EXISTING WATER AND UTILITY EASEMENT.



- LEGEND**
- EXISTING CONTOUR
  - PROPOSED CONTOUR
  - STABILIZED CONSTRUCTION ENTRANCE
  - EARTH DIKE
  - SPOT ELEVATIONS W/ FLOW ARROWS
  - SILT FENCE
  - STREET TREES (P 12-11)
  - 2 1/2" minimum caliper or Maples planted at 40' oc
  - 2% DENOTES SLOPES 2% OR GREATER
  - TREE PROTECTION FENCE

NO	DATE	DESCRIPTION
3	11-1-96	REV. MOD. ON LOT 12
2	4-30-96	REV. MOD. ON LOT 12
1	3-10-96	REV. MOD. ON LOT 16



**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 971 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELLICOTT 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 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 THE ENVIRONMENT 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.

\_\_\_\_\_  
 SIGNATURE OF DEVELOPER

\_\_\_\_\_  
 DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

\_\_\_\_\_  
 DATE

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

\_\_\_\_\_  
 DATE

APPROVED: DEPT. OF PLANNING AND ZONING

\_\_\_\_\_  
 PLANNING DIRECTOR

\_\_\_\_\_  
 DATE

\_\_\_\_\_  
 DATE

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

\_\_\_\_\_  
 HEALTH OFFICER

\_\_\_\_\_  
 DATE

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

\_\_\_\_\_  
 DIRECTOR, PUBLIC WORKS

\_\_\_\_\_  
 DATE

\_\_\_\_\_  
 DATE

SUBDIVISION: MT. HEBRON SECTION 22 LOT NO. 1-10 AND 12-22

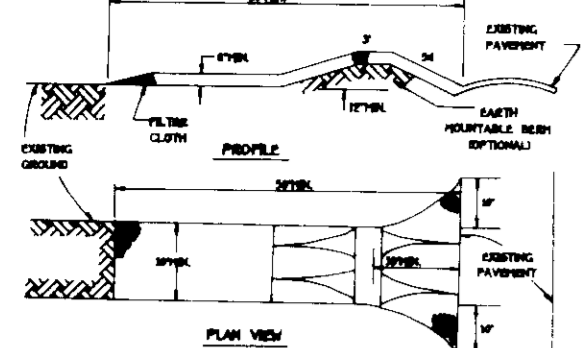
PLAT NO. 10760 BLOCK NO. 9 ZONE R-20 TAX/ZONE 17 ELEC. DIST. 15 SECOND CENSUS TR. 6021

WATER CODE H-03 SEWER CODE 1455800

**OWNER & DEVELOPER**  
 MR. H. JONES DEXER, JR.  
 2102 MT. HEBRON DRIVE  
 ELLICOTT CITY, MARYLAND 21045

**SITE DEVELOPMENT PLAN**  
**MT. HEBRON**  
 SECTION 22  
 LOTS 1-10 AND 12-22

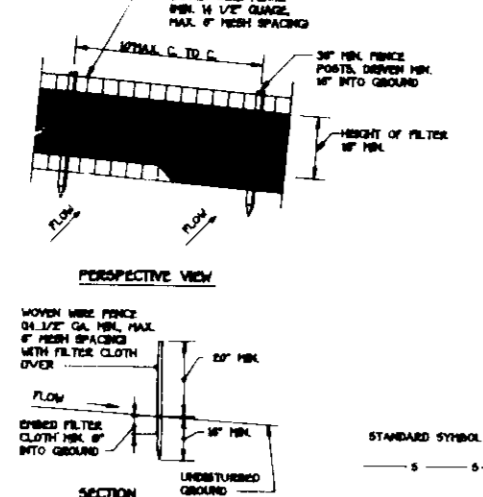
TAX MAP 17 ZONING R-20 PARCEL 07  
 SECOND ELECTION DIST. HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50' DATE: OCTOBER 14, 1993  
 SHEET 2 OF 5



**CONSTRUCTION SPECIFICATIONS**

- STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AS SHOWN ON PLAN AND SECTION.
- CONCRETE CURB SHALL BE 4" HIGH AND 6" WIDE.
- CONCRETE CURB SHALL BE REINFORCED WITH #4 BARS AT 12" ON CENTER.
- CONCRETE CURB SHALL BE FINISHED WITH A BRUSHED SURFACE.
- CONCRETE CURB SHALL BE SET ON A 4" BED OF SAND.
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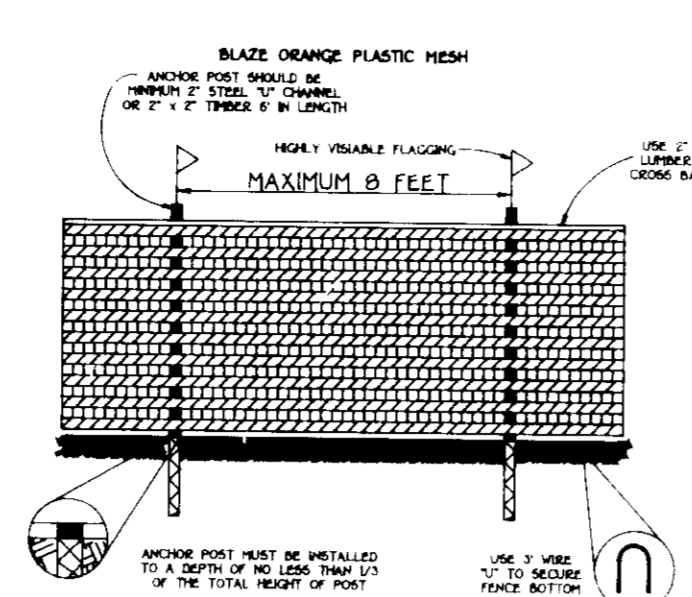
**STABILIZED CONSTRUCTION ENTRANCE - 2**  
NOT TO SCALE



**CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**

- CONCRETE CURB SHALL BE 4" HIGH AND 6" WIDE.
- CONCRETE CURB SHALL BE REINFORCED WITH #4 BARS AT 12" ON CENTER.
- CONCRETE CURB SHALL BE FINISHED WITH A BRUSHED SURFACE.
- CONCRETE CURB SHALL BE SET ON A 4" BED OF SAND.
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**SILT FENCE**  
NOT TO SCALE



**TREE PROTECTION DETAIL**

BRASS ORANGE PLASTIC SHIELD SHALL BE 2' HIGH AND 4' WIDE.

SHIELD SHALL BE SET ON A 4" BED OF SAND.

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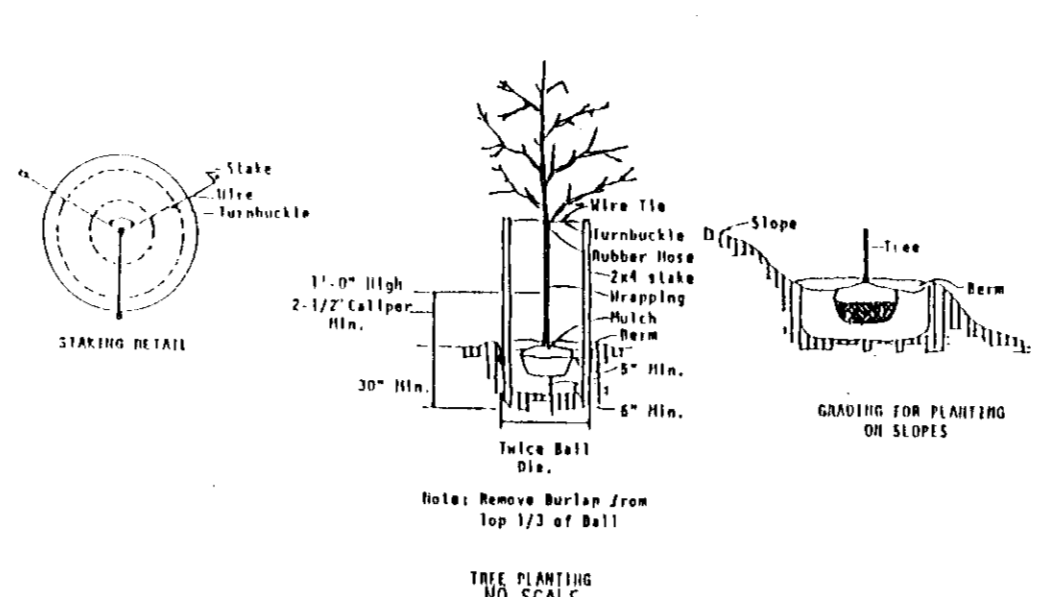
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**TREE PROTECTION DETAIL**  
NOT TO SCALE



**TREE PLANTING**

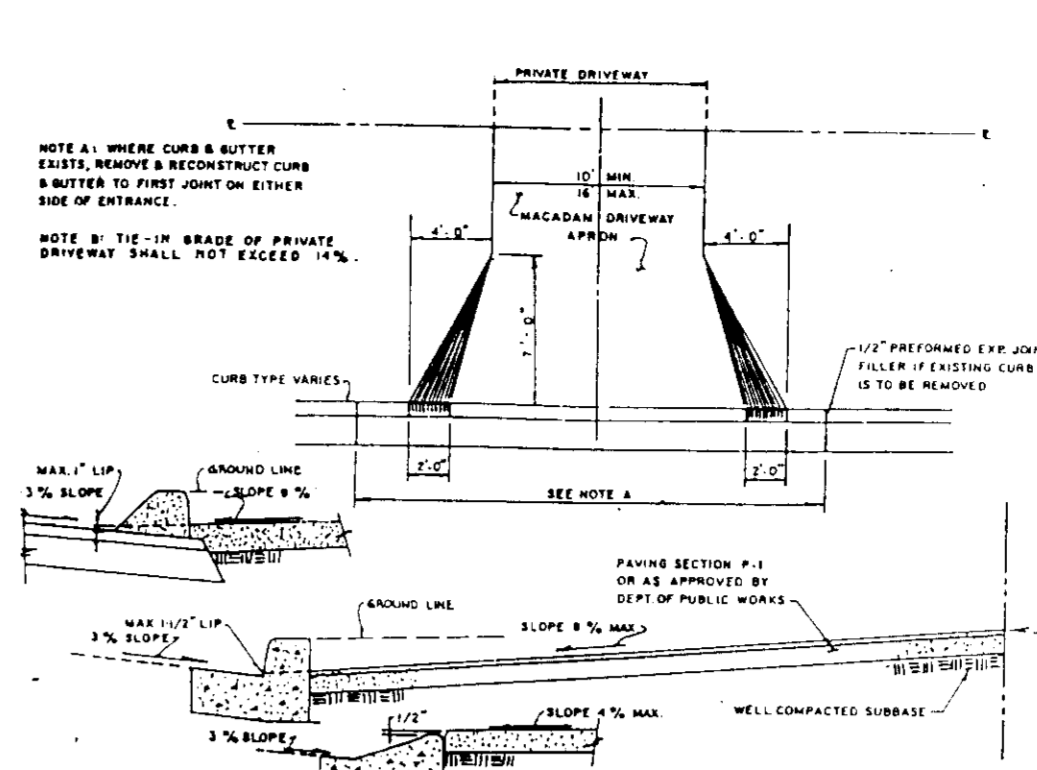
CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITIES PRIOR TO DIGGING.

FINAL LOCATIONS OF TREES MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE FIELD CONDITIONS.

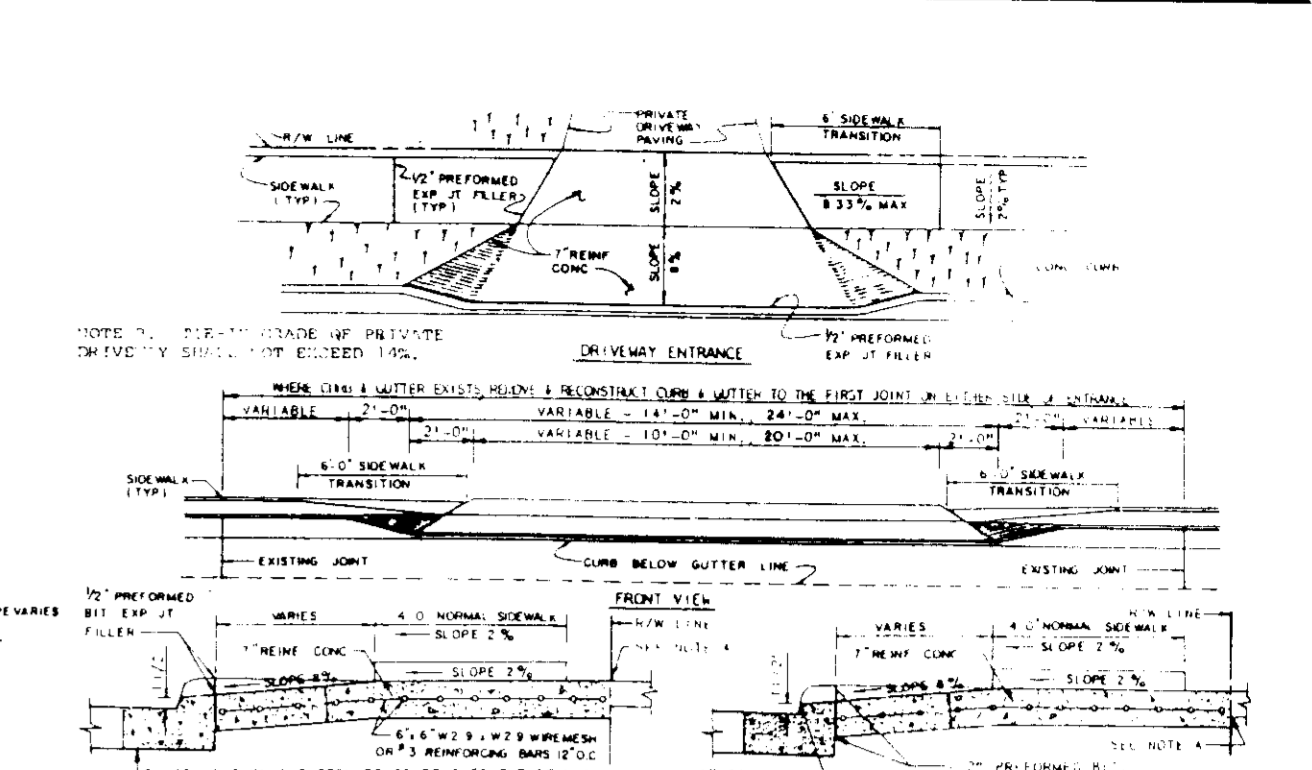
PLANTING PROCEDURES SHALL COMPLY WITH LANDSCAPE SPECIFICATIONS FOR BALTIMORE, MARYLAND, IN URBAN AREAS.

SUBSTITUTIONS TO THE ABOVE SPECIES MAY BE PERMITTED, PROVIDED THAT THE SUBSTITUTION IS IN ACCORDANCE WITH THE STREET TREE AND LANDSCAPE REQUIREMENTS AS SPECIFIED IN SECTION 16.131 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS.

**TREE PLANTING**  
NOT TO SCALE



**RESIDENTIAL DRIVEWAY ENTRANCE**  
NOT TO SCALE



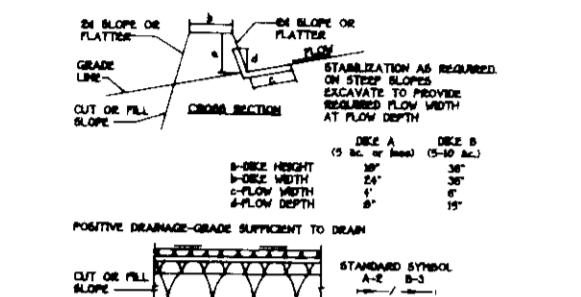
**RESIDENTIAL DRIVEWAY ENTRANCE**  
NOT TO SCALE

**RESIDENTIAL DRIVEWAY ENTRANCE**  
NOT TO SCALE

**CLOSED SECTION WITHOUT SIDEWALK**

**RESIDENTIAL DRIVEWAY ENTRANCE**  
NOT TO SCALE

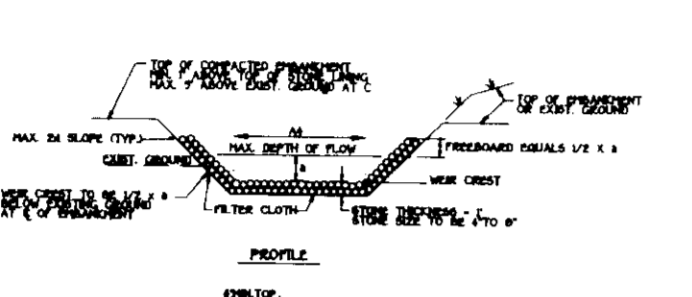
**CLOSED SECTION WITH SIDEWALK SETBACK**



**CONSTRUCTION SPECIFICATIONS**

- TRAP SHALL BE 4' LONG AND 2' WIDE.
- TRAP SHALL BE CONSTRUCTED WITH RIPRAP.
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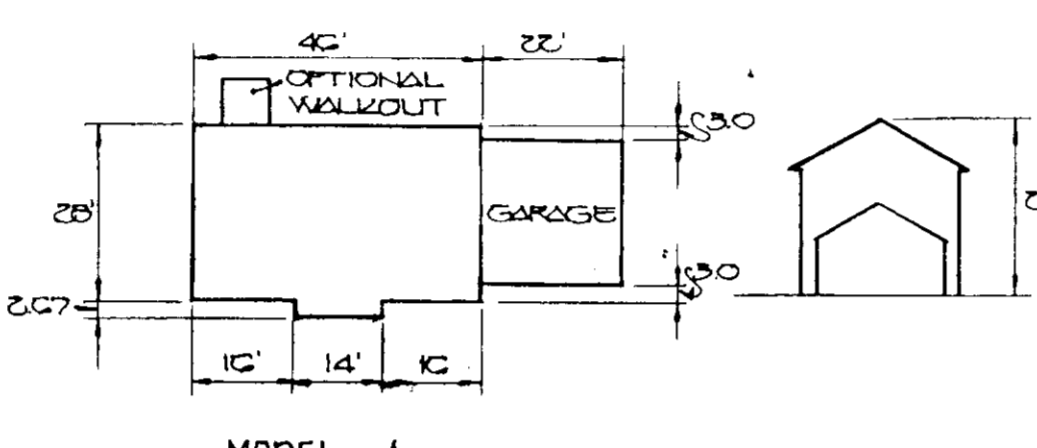
**RIPRAP OUTLET SEDIMENT TRAP ST-VI**  
NOT TO SCALE



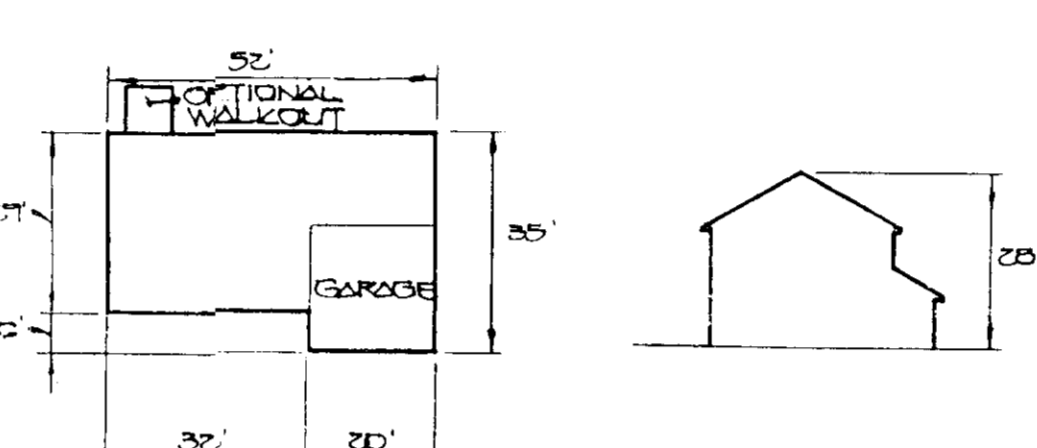
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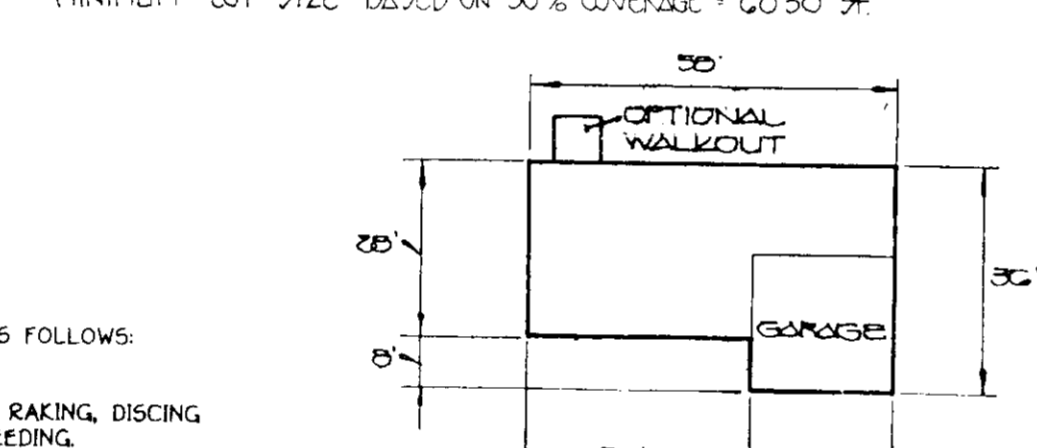
**RIPRAP OUTLET SEDIMENT TRAP ST-VI**  
NOT TO SCALE



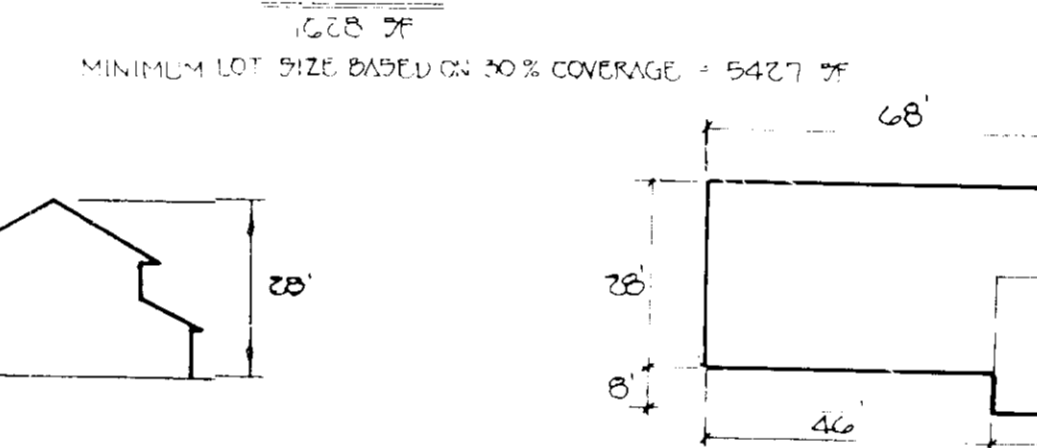
**MODEL A**  
1800 SF  
MINIMUM LOT SIZE BASED ON 30% COVERAGE = 6000 SF



**MODEL C**  
1600 SF  
MINIMUM LOT SIZE BASED ON 30% COVERAGE = 5427 SF



**MODEL B**  
1800 SF  
MINIMUM LOT SIZE BASED ON 30% COVERAGE = 6000 SF



**MODEL A'**  
1600 SF  
MINIMUM LOT SIZE BASED ON 30% COVERAGE = 5427 SF

**TYPICAL HOUSE DETAILS**  
NOT TO SCALE

**SEDIMENT CONTROL NOTES**

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (1992-2437).
- 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 REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL GREATER THAN 3:1, 3:1 DAYS AS TO 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 SEEDINGS (SEC. 50) AND TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 50). TEMPORARY STABILIZATION 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.
- SITE ANALYSIS:
 

TOTAL AREA OF SITE	85	ACRES
AREA DISTURBED	62	ACRES
AREA TO BE ROOFED OR PAVED	15	ACRES
AREA TO BE VEGETATIVELY STABILIZED	4	ACRES
TOTAL CUT	8300	CU.YDS.
TOTAL FILL	8300	CU.YDS.
- OFFSITE WASTE/BORROW AREA LOCATION: CU.YDS.
- 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 DPW 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 DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.

**PERMANENT SEEDING NOTES**

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

**SEEDING PREPARATION:**  
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

**SOIL AMENDMENTS:**  
APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1,000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 36-0-0 UREA-FORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE (115 LBS./1,000 SQ.FT.) OF 10-20-20 FERTILIZER.

**SEEDING:**  
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (23 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (14 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 15 THROUGH FEBRUARY 28, PROJECT SITE BY OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (2) - USE SOO; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDS.

**MULCHING:**  
APPLY 1/2 TO 2 TONS PER ACRE (60 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER USE 348 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

**MAINTENANCE:**  
INSPECT ALL SEEDS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

\* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWN VETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

- SEQUENCE OF CONSTRUCTION**
- OBTAIN GRADING PERMIT.
  - INSTALL TREE PROTECTION FENCE.
  - INSTALL ALL EROSION CONTROL DEVICES, AS SHOWN ON PLAN.
  - CLEAR AND GRUB SITE.
  - INSTALL TEMPORARY SEEDING.
  - EXCAVATE FOR FOUNDATIONS AND ROUGH GRADE.
  - CONSTRUCT DWELLINGS AND PRIVATE ROAD.
  - FINE GRADE, INSTALL PERMANENT SEEDING AND S.W.M.
  - STONE TRENCH.
  - REMOVE SEDIMENT AND EROSION CONTROL DEVICES AS PERMISSION IS GRANTED BY SEDIMENT CONTROL INSPECTOR.



**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
971 BALTIMORE NATIONAL PIKE, SUITE 100  
ELLICOTT CITY, MARYLAND 21042  
(410) 461-2895

**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: 11/2/93

**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 THE ENVIRONMENT 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: 11/2/93

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

DATE: 11/8/93

DATE: 11/8/93

DATE: 11-4-93

APPROVED: DEPT. OF PLANNING AND ZONING

DATE: 11/8/93

DATE: 11/8/93

DATE: 11-4-93

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

DATE: 11/2/93

DATE: 11/2/93

DATE: 11-4-93

**OWNER & DEVELOPER**  
MR. H. JONES BAKER JR.  
2106 MT. HEBRON DRIVE  
ELLICOTT CITY, MARYLAND 21045

**NOTES AND DETAILS**  
**MT. HEBRON**  
SECTION 22  
LOTS 1-10 AND 12-22

TAX MAP 17 ZONING R-20 PARCEL 37  
SECOND ELECTION DIST. HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: OCTOBER 14, 1993  
SHEET 3 OF 3  
9DP-94-16