

VIGNITY MAP  
SCALE 1"=2000'

- GENERAL NOTES:
- TOTAL NUMBER OF LOTS: 6
  - TOTAL AREA OF LOTS: 1.54 AC.±
  - PRESENT ZONING: NT (NEW TOWN)
  - PROPERTY IS RECORDED AS PLAT NO. 6241
  - FDP CRITERIA: PHASE 181 PART III  
PLAT NO. 3054A-693-705
  - PROPERTY IS SHOWN ON TAX MAP 38 PART OF PARCEL 29.
  - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/PERMITS DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 992-2455.
  - ALL PAVING AND STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
  - EXISTING UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE MAKING ANY CONNECTION THERETO OR EXCAVATING IN THE AREA THEREOF.
  - THE CONTRACTOR SHALL NOTIFY MISS UTILITY 559-0100 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
  - SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.
  - STORM WATER MANAGEMENT HAS BEEN PROVIDED FOR THIS PROJECT UNDER F-83-120.

- SITE ANALYSIS:
- TOTAL AREA OF SITE: 1.54 AC.±
  - TOTAL AREA TO BE DISTURBED: 1.54 AC.±
  - TOTAL IMPERVIOUS AREA: 0.40 AC.±
  - TOTAL AREA TO BE REVEGETATED: 1.14 AC.±

6	12140 GRAY STAR WAY
5	12136 GRAY STAR WAY
4	12132 GRAY STAR WAY
3	12128 GRAY STAR WAY
2	12124 GRAY STAR WAY
1	12120 GRAY STAR WAY
LOT NO.	STREET ADDRESS
ADDRESS CHART	

APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 10-18-85  
*M. H. H.*

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERS & LAND SURVEYORS  
8388 COURT AVENUE  
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 COUNTY SOIL CONSERVATION DISTRICT

*Chris Carter*  
SIGNATURE OF ENGINEER  
9/1/85  
DATE

DEVELOPER'S CERTIFICATE  
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS AFE DEEMED NECESSARY.

*J. G. ...*  
SIGNATURE OF DEVELOPER  
9/7/85  
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

*J. Keln...*  
U.S. SOIL CONSERVATION SERVICE  
11/21/85  
DATE

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

*Stephen L. Huber*  
DISTRICT OFFICER  
11-21-85  
DATE

APPROVED OFFICE OF PLANNING AND ZONING

*Donald L. Kinnis*  
PLANNING DIRECTOR  
11-27-85  
DATE

*John W. ...*  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
11-27-85  
DATE

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

*James ...*  
HEALTH OFFICER  
11-26-85  
DATE

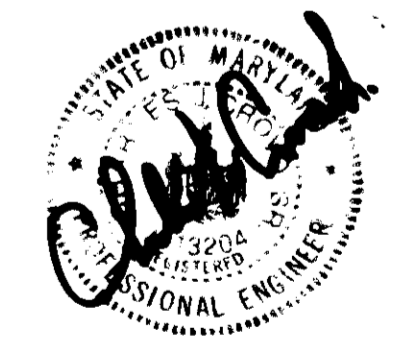
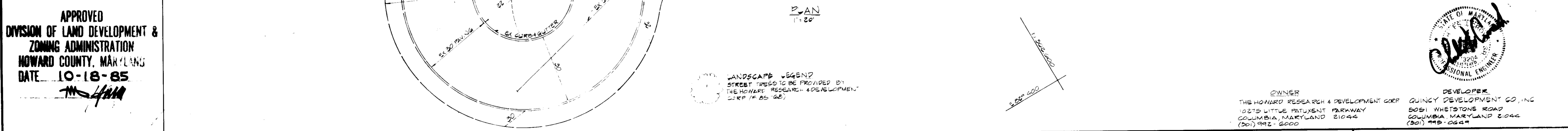
APPROVED DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

*John ...*  
DIRECTOR, PUBLIC WORKS  
11-25-85  
DATE

*John ...*  
CHIEF BUREAU OF ENGINEERING  
11-25-85  
DATE

SUBDIVISION	SECTION/AREA	LOT NO.
VILLAGE OF HICKORY RIDGE	3/A	1-6
PLAT NO. 624	BLOCK NO. 4	ZONE TAX/ZONE
WATER CODE I-15	ELEC. DIST. 570	CENSUS TR. 605301
SEWER CODE	SEWER CODE	5505300

SITE DEVELOPMENT PLAN  
COLUMBIA  
VILLAGE OF HICKORY RIDGE  
SECTION 3 AREA A  
LOTS 1-6  
REVISED NOVEMBER 12, 1985  
SHEET 1 OF 3  
3RD ELECTION DISTRICT HOWARD COUNTY MD  
SCALE AS SHOWN DATE SEPT 12, 1985  
SFP PG. 11



OWNER  
THE HOWARD RESEARCH & DEVELOPMENT CORP  
12215 LITTLE PATENT PARKWAY  
COLUMBIA, MARYLAND 21044  
(301) 992-6000

DEVELOPER  
QUINCY DEVELOPMENT CO., INC.  
5051 WHETSTONE ROAD  
COLUMBIA, MARYLAND 21046  
(301) 992-0664

**PERMANENT SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

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

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULE:

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREA-FORM FERTILIZER (9 LBS/1000 SQ. FT.).
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

**TEMPORARY SEEDING NOTES:**

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

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

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.)

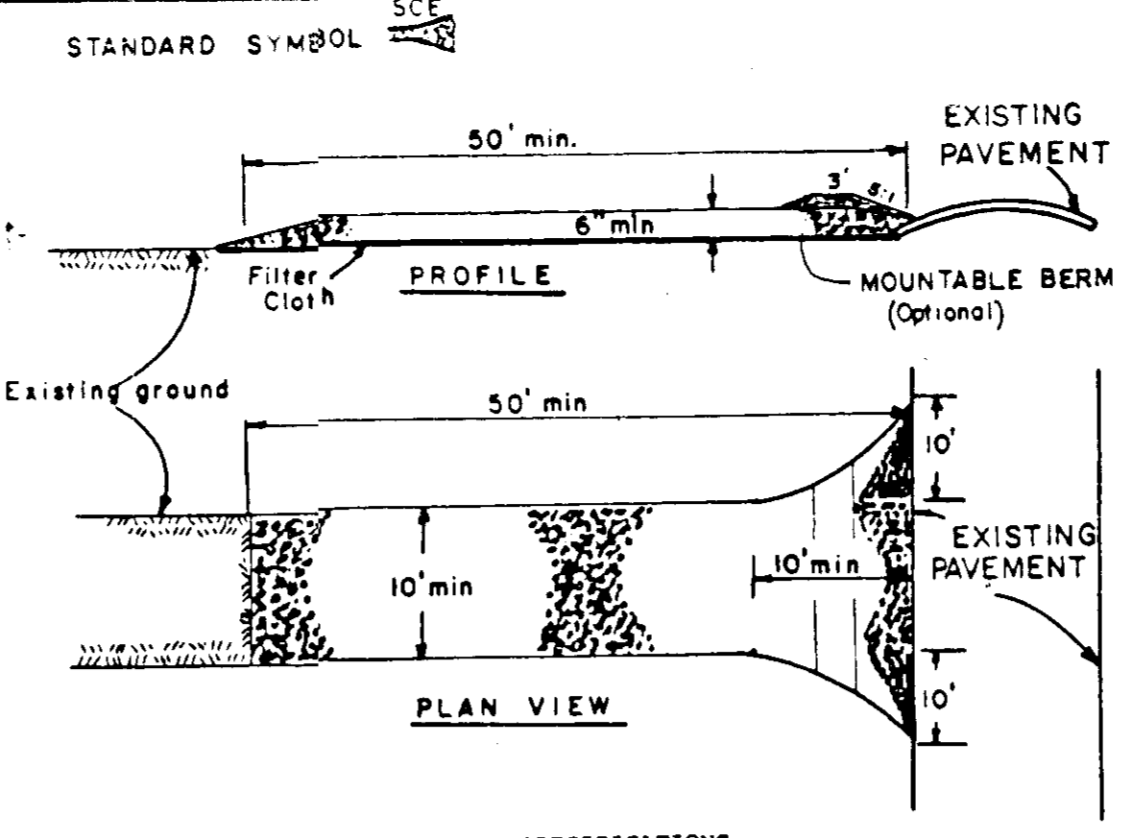
SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

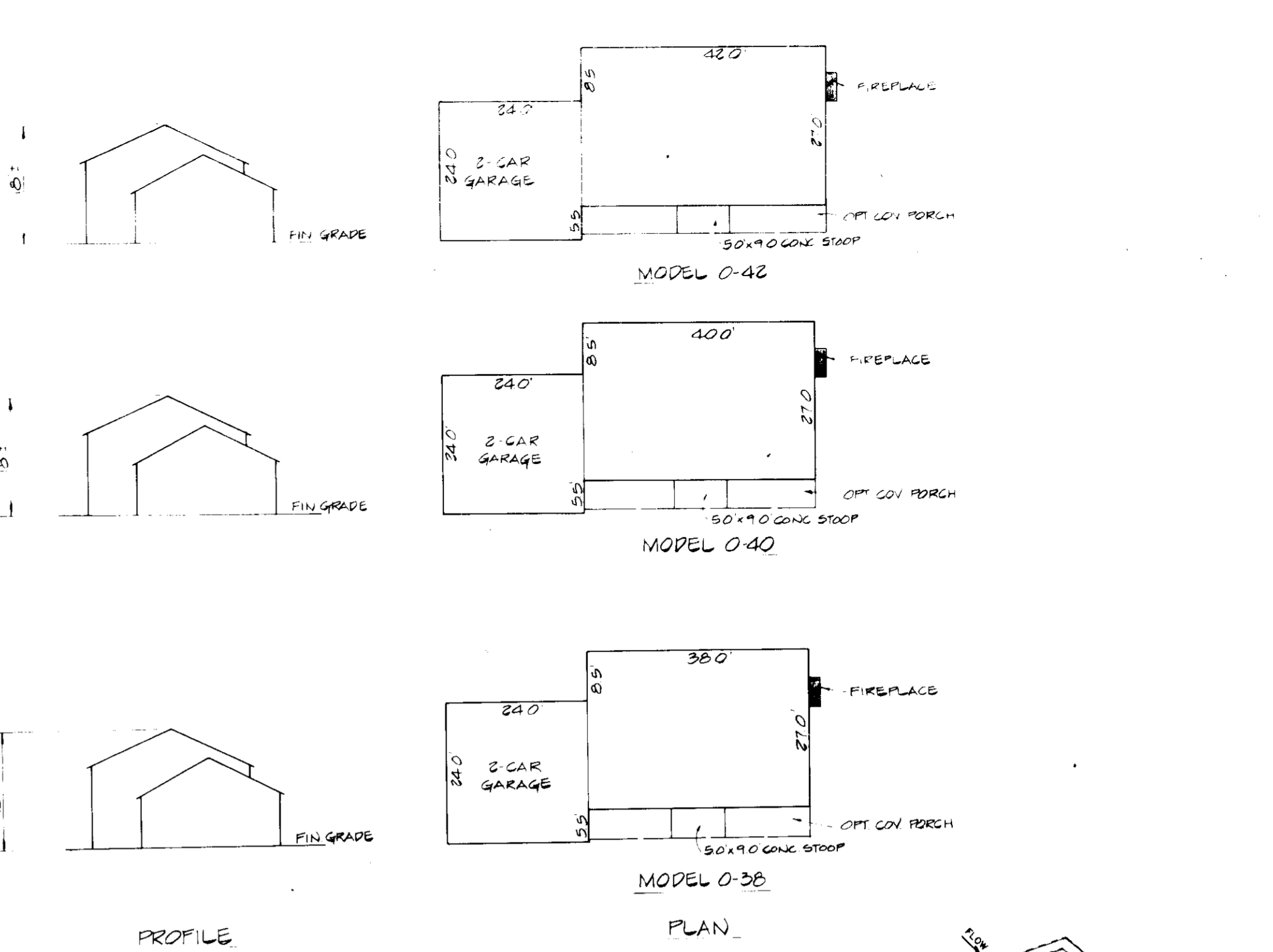
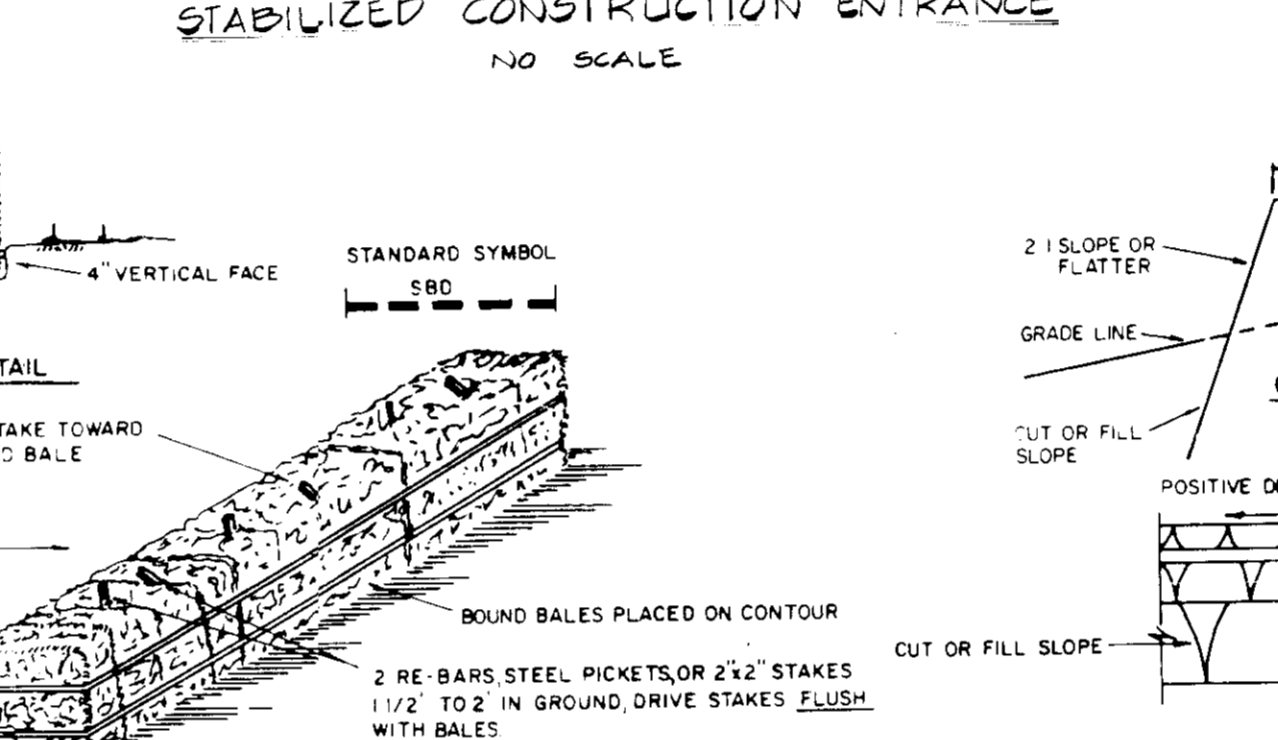
**SEDIMENT CONTROL NOTES:**

- 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 (992-2437).
- 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. PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, b) 14 DAYS 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. 51) SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:
  - TOTAL AREA OF SITE: 1.94 ACRES
  - AREA DISTURBED: 1.94 ACRES
  - AREA TO BE ROOFED OR PAVED: 0.60 ACRES
  - AREA TO BE VEGETATIVELY STABILIZED: 1.34 ACRES
  - TOTAL CUT: 6500 CU. YDS.
  - TOTAL FILL: 6200 CU. YDS.
  - BALANCED SITE
- 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.



**CONSTRUCTION SPECIFICATIONS**

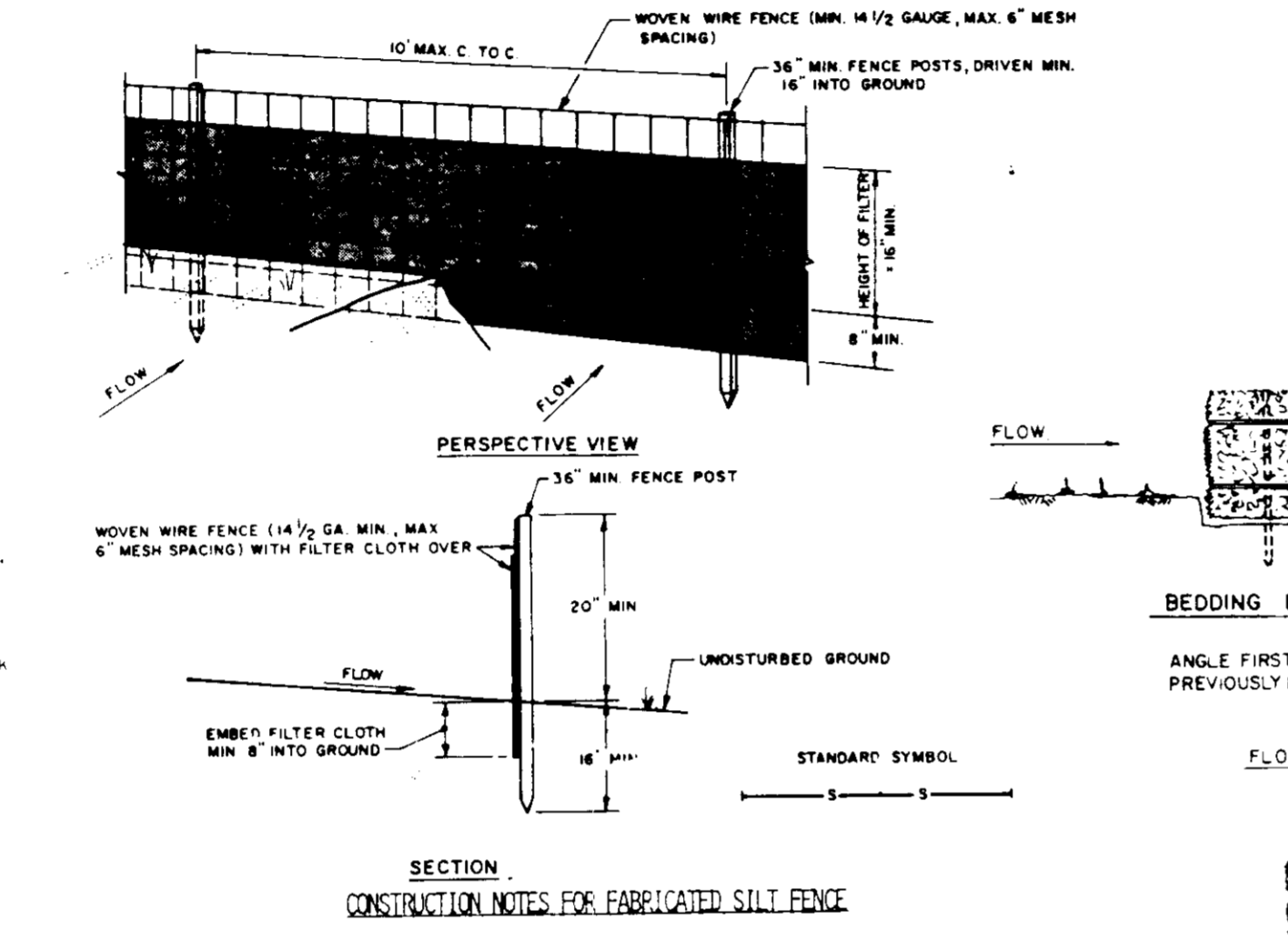
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any measures used to trap sediment. All sediments spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.



**RESIDENTIAL DRIVEWAY ENTRANCE**

**SECTION**

NO SCALE



**SILT FENCE**

NO SCALE

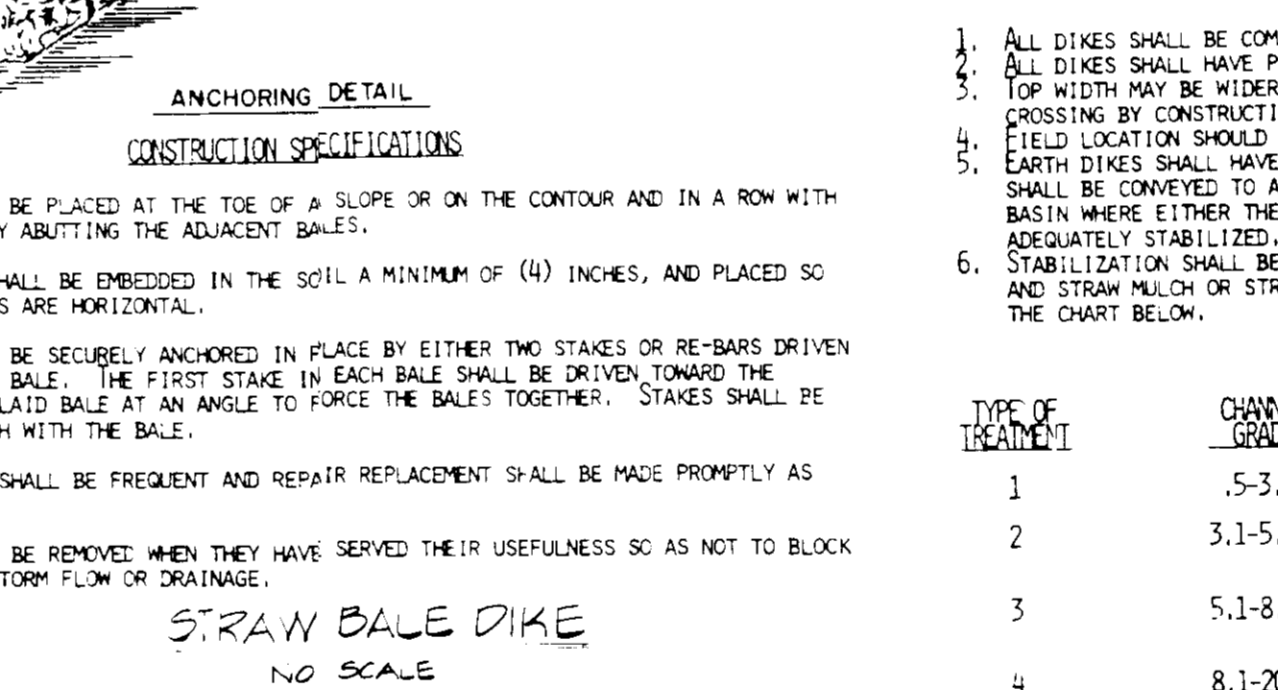
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

**POSTS:** STEEL EITHER T OR U TYPE OR 2" HARDWOOD

**FENCE:** WOVEN WIRE, 14 GA. 6" MAX. MESH OPENING

**FILTER CLOTH:** FILTER-X, MIRAFLOK, STABIL-LINK OR APPROVED EQUAL

**PREFABRICATED UNIT:** GEOPAF, CIVIROFENCE, OR APPROVED EQUAL.



**STRAW BALE DIKE**

NO SCALE

- BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
- INSPECTION SHALL BE FREQUENT AND REPAIR/REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPED STORM FLOW OR DRAINAGE.

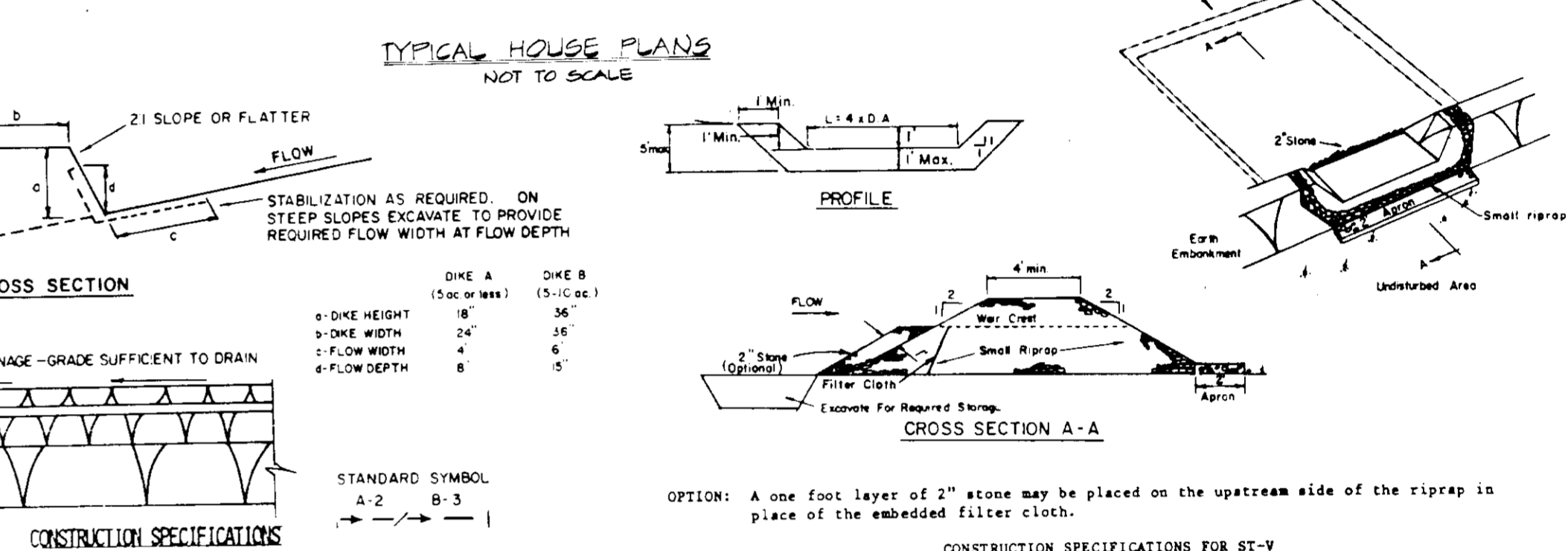
**FLOW CHANNEL STABILIZATION**

TYPE OF TREATMENT	CHANNEL GRADE	DIKE A	DIKE B
1	5-3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0%	SEED AND STRAW MULCH	SEED USING JUTE, OR EXCELSTOR; SOD; 2" STONE
3	5.1-8.0%	SEED WITH JUTE, OR SOD; 2" STONE	LINED RIP-RAP 4-8"
4	8.1-20%	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

**EARTH DIKE**

NOT TO SCALE

- ALL DIKES SHALL BE COMPACTED BY EARTH-MOVING EQUIPMENT.
- ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
- TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC.
- FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.
- EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. RUNOFF SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED.
- STABILIZATION SHALL BE: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON, (B) FLOW CHANNEL AS PER THE CHART BELOW.
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.



**CONSTRUCTION SPECIFICATIONS FOR ST-Y**

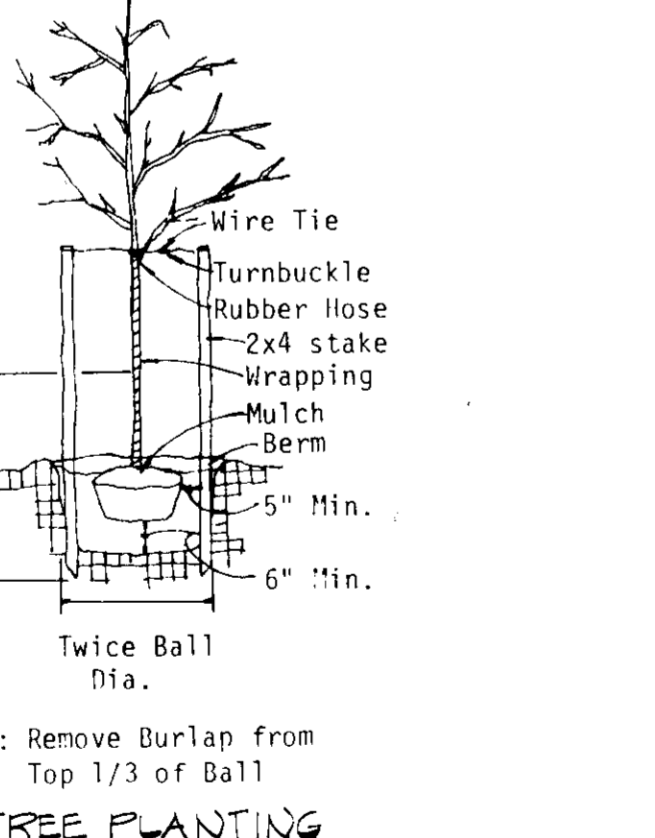
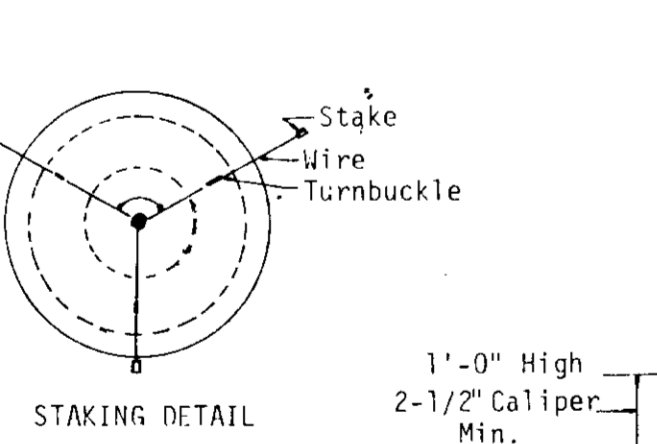
- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
- The fill material for the embankment shall be free of roots and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
- All cut and fill slopes shall be 2:1 or flatter.
- The stone used in the outlet shall be small riprap 4"-8" along with a 1' thickness of 2" aggregate placed on the up-grade side on the small riprap embedded filter cloth in the riprap.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
- The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

**APPROVED**

**DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION**

**HOWARD COUNTY, MARYLAND**

**DATE 10-18-85**



**FISHER, COLLINS & CARTER, INC.**

CIVIL ENGINEERS & LAND SURVEYORS

8388 COURT AVENUE

ELLCOTT CITY, MARYLAND 21043

(301) 461-2855

**ENGINEER'S CERTIFICATE**

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS, AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT

**Signature of Engineer**

**Date**

**DEVELOPER'S CERTIFICATE**

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS DEEMED NECESSARY.

**Signature of Developer**

**Date**

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

**Signature of District Officer**

**Date**

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

**Signature of District Officer**

**Date**

APPROVED OFFICE OF PLANNING AND ZONING

**Signature of Planning Director**

**Date**

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

**Signature of Health Department Officer**

**Date**

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

**Signature of Director of Public Works**

**Date**

CHIEF, BUREAU OF ENGINEERING

**Signature of Chief of Engineering**

**Date**

SUBDIVISION: VILLAGE OF HICKORY RIDGE

SECTION/AREA: 5/9

LOT NO: 16

PLAT NO./L.F.: 624

BLOCK NO.: 4

ZONE: R-1

TAX/ZONE: 25

ELEC. DIST.: 25

CENSUS TR.: 60530

WATER CODE: 3-3

SEWER CODE: 5503300

**NOTES & DETAILS**

**COLUMBIA**

VILLAGE OF HICKORY RIDGE

SECTION 3 AREA 9

LOTS 1-6

REVISED NOVEMBER 2 1985

5-SHEET 2 OF 3

5-MECHANICAL DISTRICT HOWARD COUNTY, MD

SCALE: AS SHOWN

DATE: SEPTEMBER 13 1985

OWNER: THE HOWARD RESEARCH AND DEVELOPMENT CORP.

10875 LITTLE PATENT PARKWAY

COLUMBIA, MARYLAND 21044

(301) 942-6400

DEVELOPER: QUINCY DEVELOPMENT CO., INC.

8051 WHEATSTONE ROAD

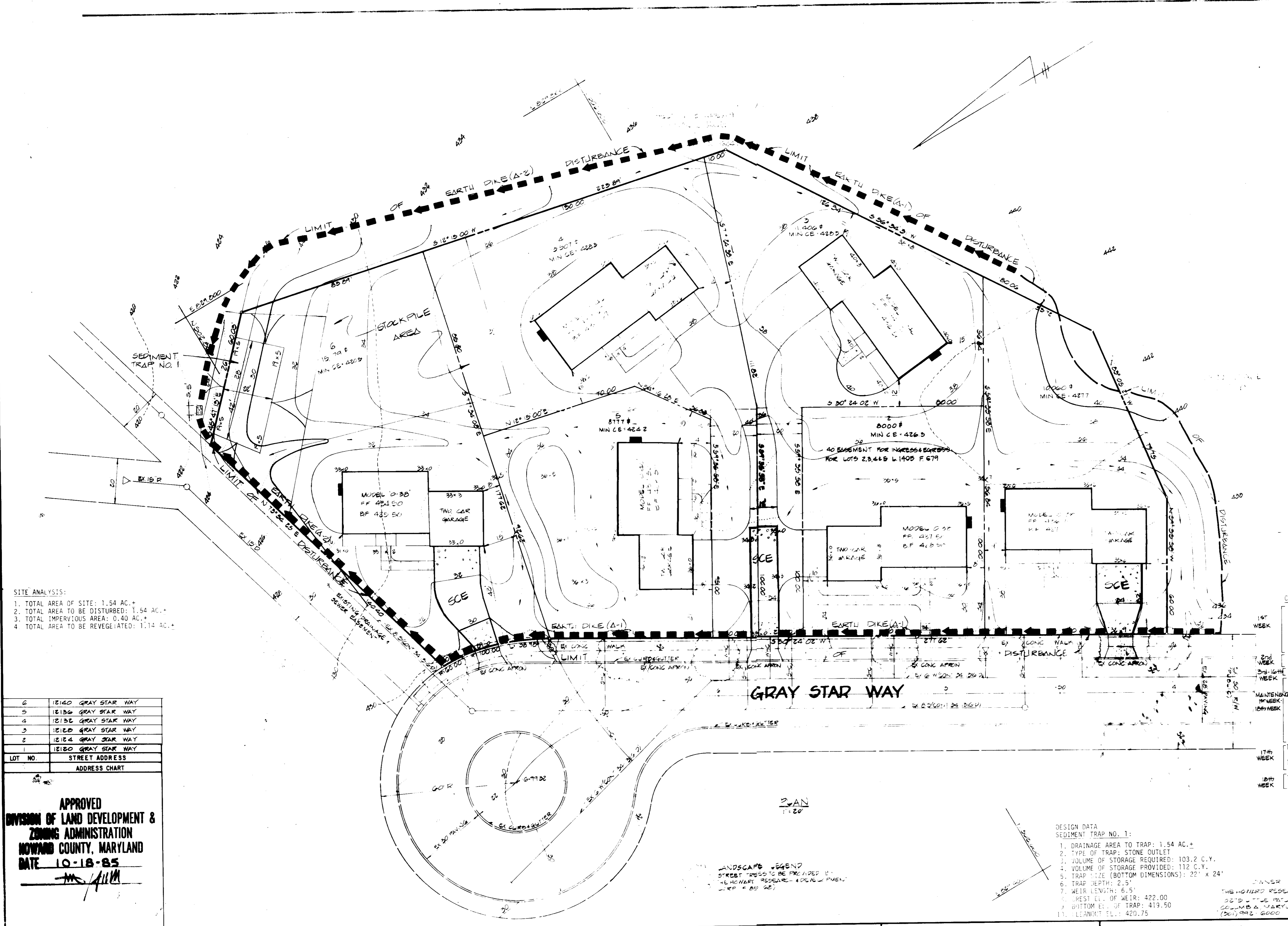
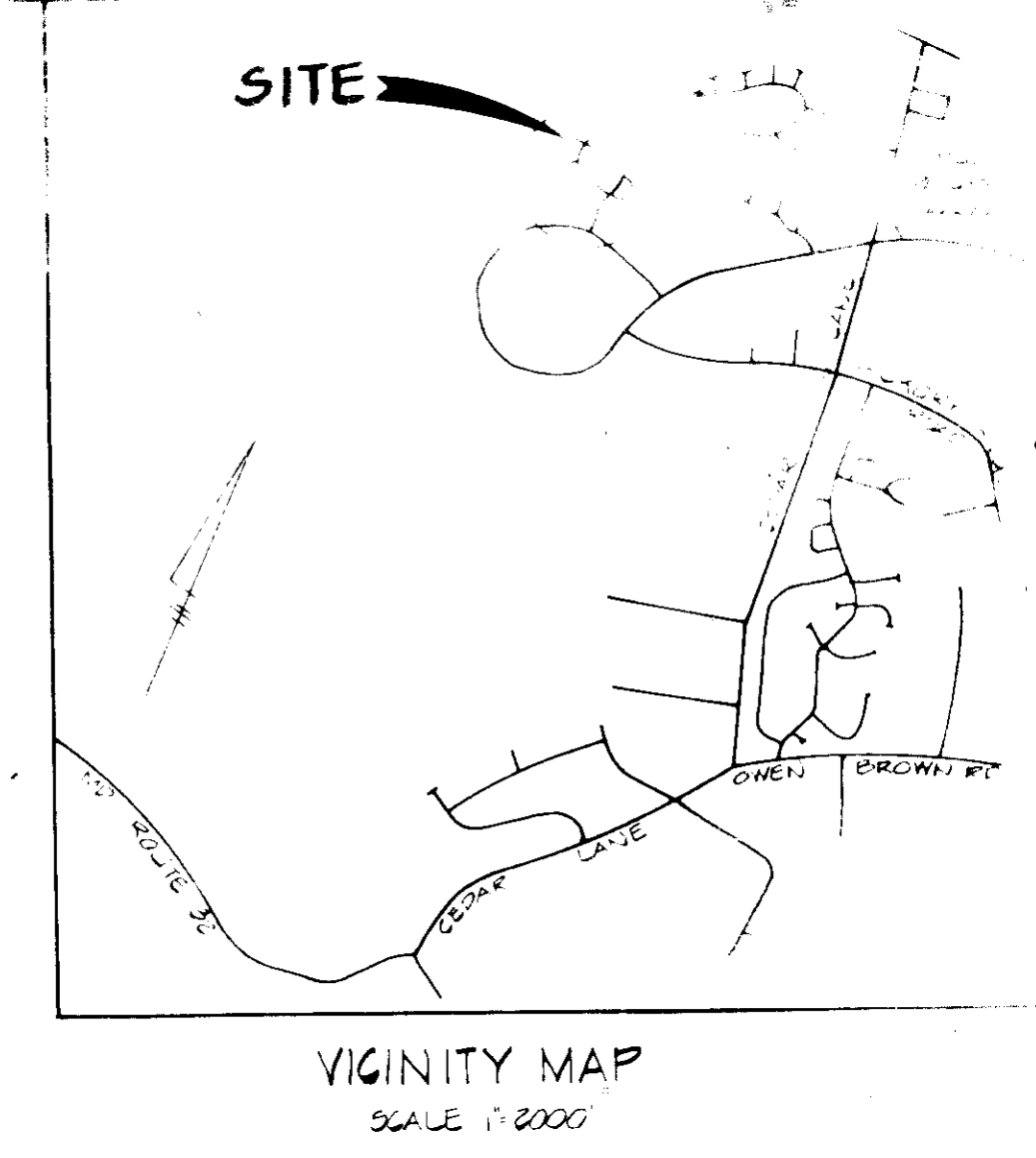
COLUMBIA, MARYLAND 21044

(301) 942-0669

**Professional Engineer Seal**

**Signature of Professional Engineer**

**Date**



- SITE ANALYSIS:**
1. TOTAL AREA OF SITE: 1.54 AC. ±
  2. TOTAL AREA TO BE DISTURBED: 1.54 AC. ±
  3. TOTAL IMPERVIOUS AREA: 0.40 AC. ±
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LOT NO.	STREET ADDRESS
6	12140 GRAY STAR WAY
5	12136 GRAY STAR WAY
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2	12124 GRAY STAR WAY
1	12120 GRAY STAR WAY

**APPROVED**  
**DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION**  
**HOWARD COUNTY, MARYLAND**  
**DATE 10-18-85**

- GENERAL NOTES:**
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  3. PRESENT ZONING: NT (NEW TOWN)
  4. PROPERTY IS RECORDED AS PLAT NO. 111
  5. ALL UTILITIES SHOWN ON TAX MAP 35 PART OF PARCELS 29
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  9. THE CONTRACTOR SHALL NOTIFY MISS UTILITY 559-0130 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
  10. SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.
  11. STORM WATER MANAGEMENT HAS BEEN PROVIDED FOR THIS PROJECT UNDER F-83-120.

- CONSTRUCTION SEQUENCE:**
1. OBTAIN GRADING PERMIT.
  2. INSTALL STABILIZED CONSTRUCTION ENTRANCES AS SHOWN ON PLAN.
  3. EXCAVATE SEDIMENT TRAP NO. 1 TO REQUIRED DIMENSIONS AS SHOWN ON PLAN. USE EXCAVATED MATERIAL TO CONSTRUCT EARTH DIKE. COMPACT DIKE AND STABILIZE WITH TEMPORARY SEEDING MIXTURE AND STRAW MULCH.
  4. CLEAR AND GRUB SITE. BEGIN GRADING TO SUBGRADE.
  5. BEGIN FILL OPERATION IN REAR OF SITE (STOCKPILE AREA).
  6. BEGIN BUILDING CONSTRUCTION.
  7. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
  8. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON, AFTER EACH RAINFALL AND ON A DAILY BASIS.
  9. THE SEDIMENT TRAP SHALL BE DEWATERED BY PUMPING. THE SEDIMENT FROM THE TRAP SHALL BE PLACED UP-GRADE FROM THE SEDIMENT TRAP IN SUCH A MANNER AS NOT TO INTERFERE WITH CONSTRUCTION OPERATIONS OR CAUSE EROSION DOWNGRADE FROM THE SEDIMENT TRAP.
  10. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCES AS REQUIRED.
  11. STABILIZE ALL DISTURBED AREAS ABOVE SEDIMENT TRAP WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.
  12. AFTER PERMISSION HAS BEEN GIVEN BY SEDIMENT CONTROL INSPECTOR, BACKFILL SEDIMENT TRAP AND STABILIZE REMAINING DISTURBED AREA WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.

- DESIGN DATA**  
**SEDIMENT TRAP NO. 1:**
1. DRAINAGE AREA TO TRAP: 1.54 AC. ±
  2. TYPE OF TRAP: STONE OUTLET
  3. VOLUME OF STORAGE REQUIRED: 103.2 C.Y.
  4. VOLUME OF STORAGE PROVIDED: 112 C.Y.
  5. TRAP SIZE (BOTTOM DIMENSIONS): 22' x 24'
  6. TRAP DEPTH: 2.5'
  7. WEIR LENGTH: 6.5'
  8. WEIR ELEV. OF WEIR: 422.00
  9. BOTTOM ELEV. OF TRAP: 419.50
  10. CLEANOUT ELEV.: 420.75

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 8388 COURT AVENUE  
 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]*  
 SIGNATURE OF ENGINEER  
 9/1/85  
 DATE

**DEVELOPER'S CERTIFICATE**  
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. ALSO, I AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS IF ANY DEEMED NECESSARY.

*[Signature]*  
 SIGNATURE OF DEVELOPER  
 9/2/85  
 DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

*[Signature]*  
 U.S. SOIL CONSERVATION SERVICE  
 11/21/85  
 DATE

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

*[Signature]*  
 HOWARD SOIL CONSERVATION DISTRICT  
 11/21/85  
 DATE

APPROVED OFFICE OF PLANNING AND ZONING

*[Signature]*  
 PLANNING DIRECTOR  
 11-27-85  
 DATE

*[Signature]*  
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
 11/27/85  
 DATE

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

*[Signature]*  
 HEALTH OFFICER  
 DATE

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

*[Signature]*  
 DIRECTOR PUBLIC WORKS  
 11-21-85  
 DATE

*[Signature]*  
 CHIEF BUREAU OF ENGINEERING  
 11-22-85  
 DATE

SUBDIVISION	SECTION/AREA	LOT NO.
VILLAGE OF HICKORY RIDGE	3/4	12
PLAT NO. 224	BLOCK NO. 4	ZONE TAX/ZONE
WATER CODE 2-B	SEWER POOD 5585300	CENSUS TR 60830

**SEDIMENT CONTROL PLAN**  
**COLUMBIA**  
 COLLEGE OF CHAORY RIDGE

SECTION 3 AREA  
 LOTS 1-6

REVISED NOVEMBER 12, 1985  
 SHEET 3003  
 EMBLETON DISTRICT HOWARD COUNTY MD  
 SCALE AS SHOWN 7/8 SEPT 13 1985

