

VICINITY MAP
SCALE 1"=2000'

BENCH MARKS

5249000 ELEV 40075
CONC MONUMENT @ SURFACE 152' WEST OF COURT HOUSE DRIVE IN FRONT OF LIGN BUILDING OF THE HOWARD COUNTY OFFICE COMPLEX.
N 525005480 E 055079022

5249000 ELEV 408715
CONC MONUMENT 01' BELOW SURFACE ON SW CORNER OF BRIGHTWELL DRIVE & COURT HOUSE DRIVE
N 525447000 E 054645924

GENERAL NOTES

1. ALL ROADWAYS ARE PUBLIC AND EXISTING.
2. ANY DAMAGE TO COUNTY OWNED RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
3. THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 952-2417 OR 952-2418.
4. THE MAXIMUM LOT COVERAGE IS 30% PER LOT.
5. TOPO TAKEN FROM FIELD RUN SURVEY BY AL BROWN SURVEY, INC.
6. PUBLIC WATER AND SEWER SHOWN FOR REFERENCE ONLY. FOR MORE DETAILED INFORMATION, SEE WATER AND SEWER PLANS CONTRACT NO. 14-1857-D.
7. INDICATES WALKOUT BASEMENT.
8. DELAY CONSTRUCTION ON LOTS 50 & 57 UNTIL EXISTING TRAIL IS REMOVED AS AUTHORIZED BY THE HOWARD CO. SEDIMENT CONTROL INSPECTOR.

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

Joyce M. Bond 10/24/89
COUNTY HEALTH OFFICER DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James M. Jern 10/23/89
DIRECTOR DATE

William E. ... 10/23/89
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Joseph ... 11/5/89
DIRECTOR DATE

Marsha ... 10/25/89
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

SITE ANALYSIS

TOTAL AREA OF LOTS 1.577 AC OR 50005472
ZONING R-20
UNIT TYPE SINGLE FAMILY DETACHED
MAXIMUM BUILDING COVERAGE ALLOWED 50%
LOTS & UNITS 10

NO	DATE	REVISION
1	4-15-92	REVISED HOUSE TYPE LOT 71
2	3-27-92	REVISED LOTS 70-77
3	12-29-92	REVISE HOME TYPE LOT 61 & STREET ADDRESS
4	8-14-92	REVISED HOUSE TYPE LOT 58
5	7-20-92	REVISED HOUSE TYPE LOT 61
6	6-25-92	REVISED HOUSE TYPE LOT 76
7	5-20-92	REVISED HOUSE TYPE LOTS 50 & 70

LOT NO	GROSS AREA	EX 25% OR GREATER SLOPES TO REMAIN	PROP 25% SLOPES OR GREATER	MINIMUM LOT AREA
71	20000.00*	825 #	0 #	15175.00*
72	20047.00*	1500 #	0 #	15547.00*
73	20033.00*	4250 #	1225 #	15183 #
74	20000.00 #	650 #	210 #	15140.00 #
75	20000.00 #	845 #	0 #	15155.00 #
76	17805.00 #	3805 #	0 #	14000.00 #
57	16200.00 #	1275 #	0 #	14025.00 #
64	18705.55 #	2100 #	0 #	16545.55 #
62	14401.55 #	0 #	401 #	14000.35 #
70	20117.00 #	0 #	1575 #	15142.00 #
70	20000.00 #	0 #	620 #	15310.00 #

NO	DATE	REVISION
1	4-5-93	REVISED HOUSE TYPE LOT 97

LOT NO	STREET ADDRESS	LOT NO	STREET ADDRESS
70	3301 ROYAL OAK CT	50	3308 ROYAL OAK CT
71	3305 " " " "	60	3304 " " " "
72	3309 " " " "	61	3300 ROYAL OAK COURT
73	3313 " " " "	62	3300 " " " "
74	3317 " " " "	64	3375 " " " "
75	3321 " " " "	65	3370 " " " "
76	3320 " " " "	77	3385 " " " "
57	3316 " " " "	78	3380 " " " "
58	3312 " " " "	79	3393 " " " "

SUBDIVISION NAME	SECT./AREA	PARCEL LOT NOS
LINWOOD	SECTION 5	97

PLAT#	BLOCK #	ZONE	TAX / ZONE MAP	ELEC. DIST	CENSUS TR
8885 - 8885	1	R-20	75	2nd	6025

WATER CODE	SEWER CODE
F-01	1451000

TRACY, SCHULTE & ASSOCIATES INC.
planning • architecture • engineering

8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

Anna K. ...

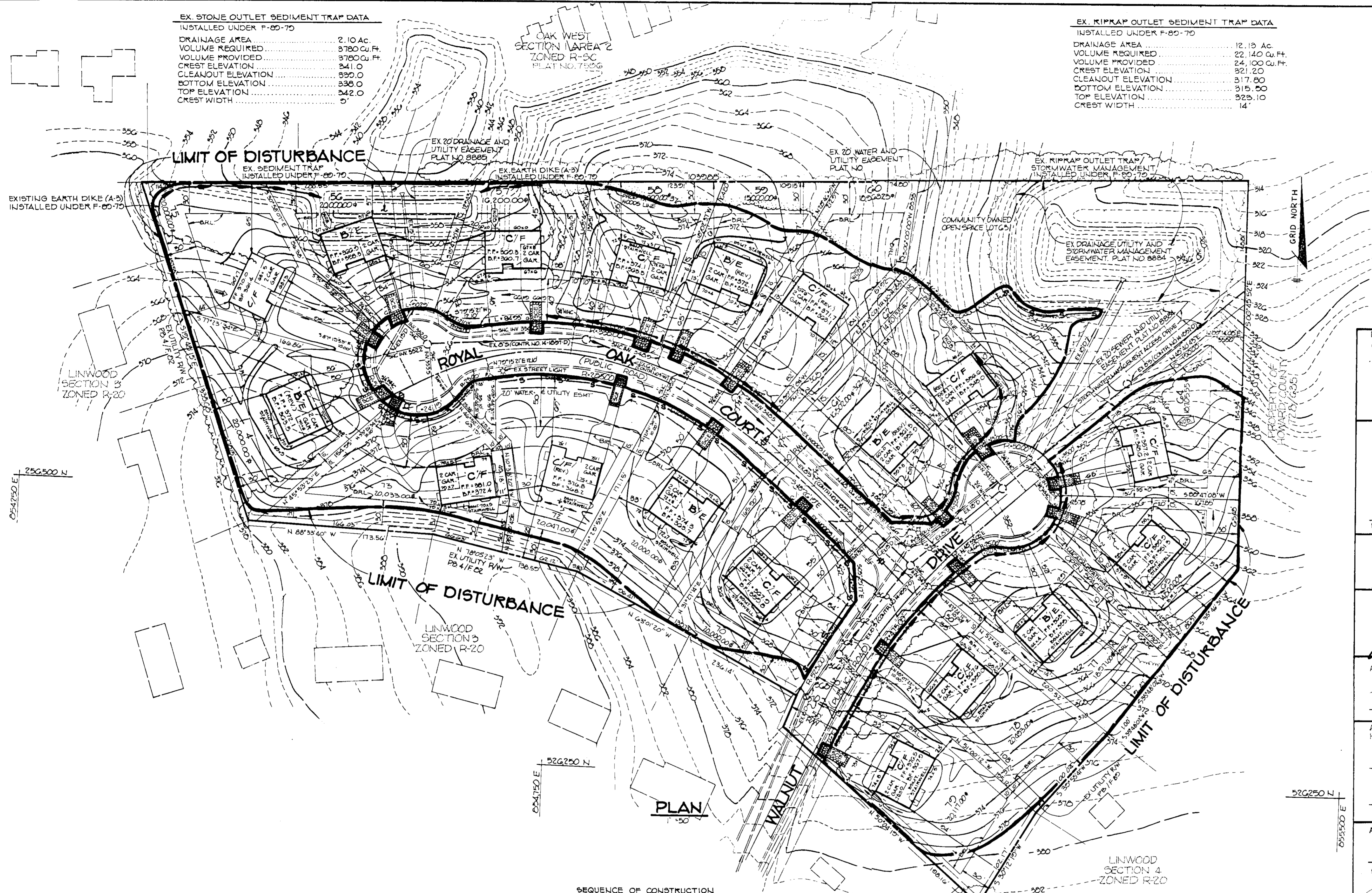
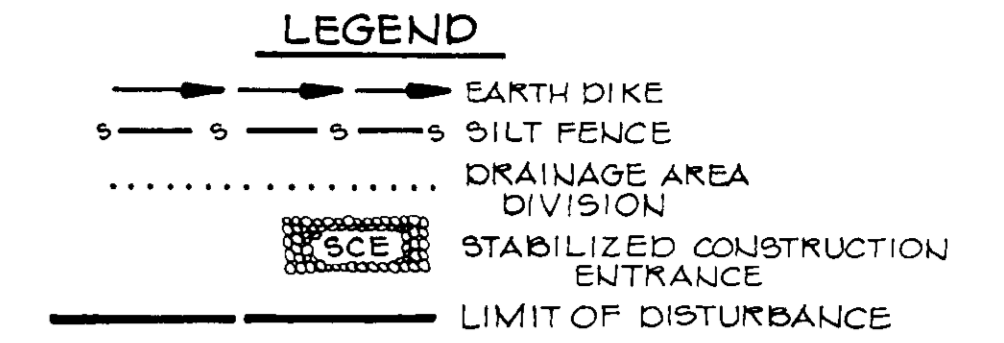
OWNER	PROJECT
SECURITY DEVELOPMENT CORP. PO BOX 417 ELLCOTT CITY, MARYLAND 21043	LINWOOD SECTION 5 LOTS 50-62, 64, 65, & 67-69
DEVELOPER	LOCATION
GVC BUILDERS INC. 6400 BALTIMORE NATIONAL PIKE SUITE 415 ELLCOTT CITY, MARYLAND 21043	TAX MAP NO 25 PARCEL NO 97 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
	TITLE
	SITE DEVELOPMENT PLAN SINGLE FAMILY DETACHED DWELLINGS
DATE	PROJECT NO
JUNE 26, 1990 OCT 16, 1989	0105
DES. DAM	DRN. JLT
	SCALE: 1"=50'
	DRAWING 1 OF 3

EX. STONE OUTLET SEDIMENT TRAP DATA
INSTALLED UNDER F-89-79

DRAINAGE AREA	2.10 AC.
VOLUME PROVIDED	3780 CU. FT.
CREST ELEVATION	341.0
CLEANOUT ELEVATION	330.0
BOTTOM ELEVATION	336.0
TOP ELEVATION	342.0
CREST WIDTH	9'

EX. RIPRAP OUTLET SEDIMENT TRAP DATA
INSTALLED UNDER F-89-79

DRAINAGE AREA	12.18 AC.
VOLUME PROVIDED	22,140 CU. FT.
CREST ELEVATION	321.20
CLEANOUT ELEVATION	317.80
BOTTOM ELEVATION	315.80
TOP ELEVATION	323.10
CREST WIDTH	14'



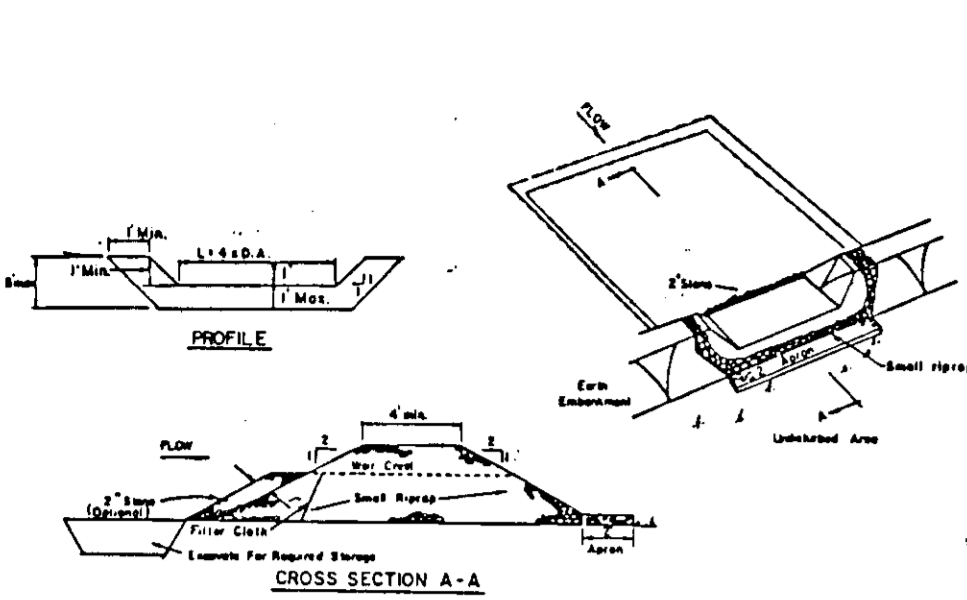
PLAN
F-89

SEQUENCE OF CONSTRUCTION

- | | |
|-------------|--|
| DAY 1 | 1. OBTAIN A GRADING PERMIT. |
| DAY 2-8 | 2. INSPECT EXISTING SEDIMENT CONTROL DEVICES INSTALLED UNDER F-89-79 AND REPLACE OR REPAIR IF NECESSARY. |
| DAY 9-25 | 3. CLEAR, GRUB, AND GRADE SITE. STABILIZE ALL SLOPES IN ACCORDANCE WITH PERMANENT SEEDBED NOTES. ALL SLOPES EXCEEDING 15% MUST BE VEGETATIVELY STABILIZED IMMEDIATELY AFTER CONSTRUCTION OR DISTURBANCE IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS. ALL SWALES MUST BE LINED WITH EROSION CONTROL NETTING AFTER SEEDING. ALL EXPOSED AREAS MUST RECEIVE 4" MINIMUM LAYER OF TOPSOIL IN ACCORDANCE WITH SEC 57.01 AND 57.02 OF STANDARDS AND SPECS. |
| DAY 26-226 | 4. COMPLETE CONSTRUCTION ON ALL LOTS. NOTE: DELAY CONSTRUCTION ON LOTS 50-67 UNTIL EXISTING TRAP INSTALLED UNDER F-89-79 IS REMOVED. |
| DAY 227-235 | 5. UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE STONE OUTLET SEDIMENT TRAP AND CONVERT RIPRAP SEDIMENT TRAP TO STORM WATER MANAGEMENT FACILITY AND WATER QUALITY FACILITY AS SHOWN ON F-89-79 AS FOLLOWS:
<ol style="list-style-type: none"> 1. PUMP OUT ANY IMPOUNDED WATER. 2. REMOVE SEDIMENT AND RESTORE FACILITY TO GRADE SHOWN ON F-89-79. 3. REMOVE STONE FILTER AT E-2 AND STABILIZE FACILITY IN ACCORDANCE WITH PERMANENT SEEDBED NOTES. |
- NOTE: STORM WATER MANAGEMENT FOR THIS SITE IS PROVIDED UNDER LINWOOD, SECTION 5, F-89-79.
 DELAY CONSTRUCTION ON LOTS 50-67 UNTIL EXISTING TRAP INSTALLED UNDER F-89-79 IS REMOVED.

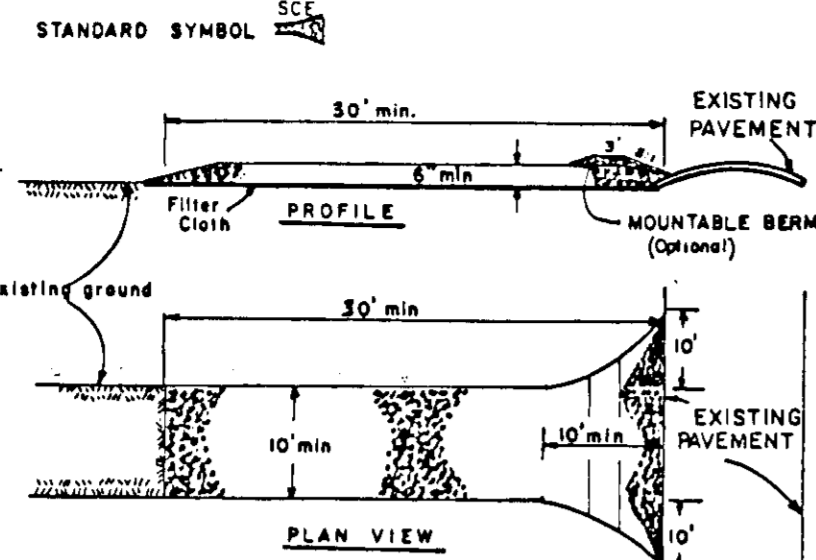
BY THE DEVELOPER: "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT." <i>James K. Tracy</i> DEVELOPER: JAMES K. TRACY DATE: 6.22.89
BY THE ENGINEER: "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." <i>James K. Tracy</i> ENGINEER: JAMES K. TRACY, P.E. DATE: 6.22.89
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS <i>James M. Holm</i> AS. SOIL CONSERVATION SERVICE DATE: 10/19/89
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT <i>John P. Reuter</i> HOWARD S.C.D. DATE: 10/19/89
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT <i>Jayne M. Bond</i> COUNTY HEALTH OFFICER DATE: 10.22.89
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. <i>James M. Bond</i> DIRECTOR DATE: 10.23.89
APPROVED: HOWARD COUNTY DEPARTMENT OF ENGINEERING <i>James M. Bond</i> CHIEF, BUREAU OF ENGINEERING DATE: 10.23.89
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING <i>James M. Bond</i> DIRECTOR DATE: 11/8/89
<i>James M. Bond</i> CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT C.D. DATE: 10.25.89
NO. DATE REVISION
1 5-27-89 REVISED LOTS 70-77

TRACY, SCHULTE & ASSOCIATES INC. planning • architecture • engineering 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105	
OWNER SECURITY DEVELOPMENT CORP PO BOX 417 ELLCOTT CITY, MARYLAND 21043	PROJECT LINWOOD SECTION 5 LOTS 50-62, 64, 65, 67-69
DEVELOPER GVC BUILDERS INC 6460 BALTIMORE NATIONAL PIKE SUITE 415 ELLCOTT CITY, MARYLAND 21043	LOCATION TAX MAP NO 25 PARCEL NO 97 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND 18-20-21 1-22-24 1-22-27
TITLE GRADING AND SEDIMENT CONTROL PLAN SINGLE FAMILY DETACHED DWELLINGS	DATE JUNE 22, 1989 PROJECT NO. 0105
DES. DAW DRN. JLT	SCALE: 1"=50' DRAWING 2 OF 3



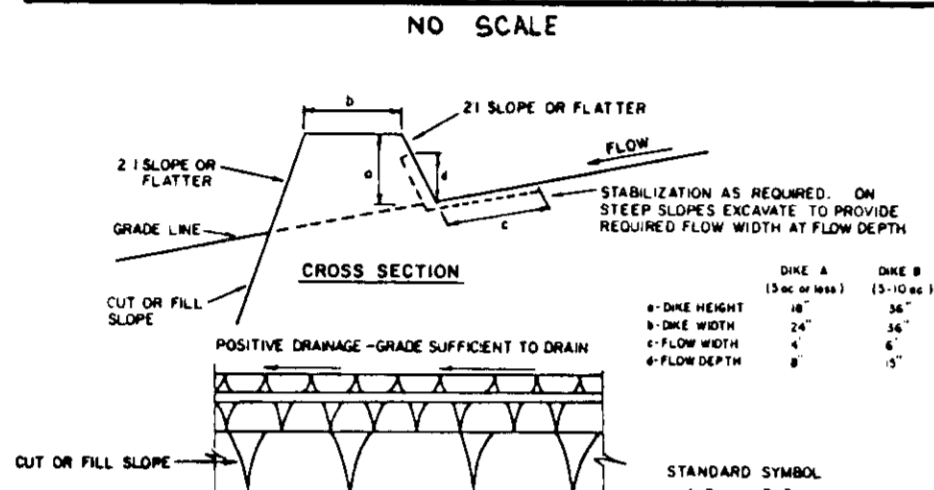
- OPTION:** A one foot layer of 2" stone may be placed on the upstream side of the riprap in place of the embedded filter cloth.
- CONSTRUCTION SPECIFICATIONS FOR ST-1**
- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The soil area shall be cleared.
 - The fill material for the embankment shall be free of roots and other woody vegetation as well as over-ripened manure, compost, 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" to 6" along with a 1" thickness of 2" aggregate placed on the up-grade side on the small riprap embedded filter cloth in the outlet.
 - Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 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.

**STONE OUTLET
SEDIMENT TRAP**
NO SCALE



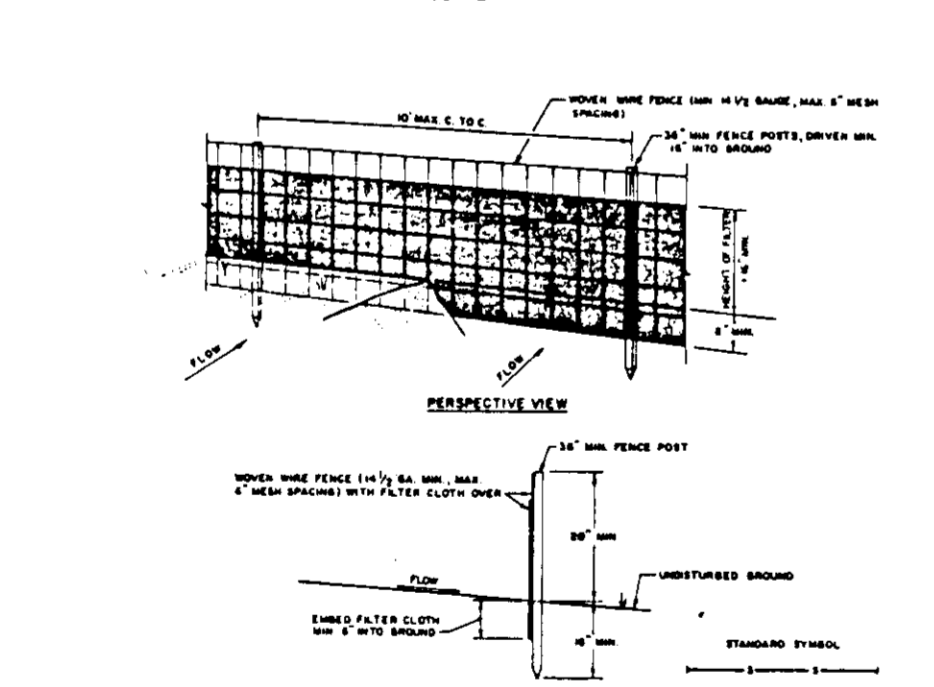
- CONSTRUCTION SPECIFICATIONS**
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 30 feet (except on a single residence lot where a 30 foot minimum length would apply).
 - Thickness - Not less than 18" (6" minimum).
 - Width - Ten (10) foot minimum, but not less than the full width of the driveway 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 directed toward construction entrance shall be piped across the entrance. If piping is impractical, a portable tank with six (6) slopes will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking of flowing or sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and rapids and/or cleanout of any measures used to trap sediment. All sediment 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.

STABILIZED CONSTRUCTION ENTRANCE
NO SCALE



- CONSTRUCTION SPECIFICATIONS**
- All dikes shall be completed by earthmoving 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.
- | TYPE OF TREATMENT | CHANNEL | DIKE A | DIKE B |
|-------------------|------------|-----------------------|---|
| 1 | 3-3 (ft) | SEED AND STRAW MULCH | SEED AND STRAW MULCH |
| 2 | 3-3 (ft) | SEED AND STRAW MULCH | SEED USING LIME OR EXCELSION; 200' 2" STONE |
| 3 | 5.1-8 (ft) | SEED WITH LIME OR SOO | LINED RIP-RAP 4-8" |
| 4 | 8.1-200 | LINED RIP-RAP 4-8" | ENGINEERING DESIGN |
- NOTE: A. STONE TO BE 2 INCH STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PREPARED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.
B. RUNNING TO BE 1/2 INCHES IN A LAYER AT LEAST 8 INCHES IN THICKNESS AND PREPARED INTO THE SOIL.
C. APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.
7. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

EARTH DIKE
NO SCALE



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
- WOOD PIPE FENCE TO BE FASTENED SECURELY TO POSTS WITH THE TIE OR STRAP.
 - FILTER CLOTH TO BE FASTENED SECURELY TO WOOD PIPE FENCE WITH TIE STRAP OR STRAP AT THE TOP AND MID SECTION.
 - WASH THE SECTIONS OF FILTER CLOTH SEPARATELY AND THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 - MAINTENANCE SHALL BE PERFORMED AS REQUIRED TO PREVENT SEDIMENT FROM PASSING THROUGH THE SILT FENCE.
- POSTS:** STEEL EITHER 2 OR 4 TYPE OR 2" HOLLOW GALV. PIPE WITH 1/2" HOLE SPACING.
- FENCE:** WOOD PIPE 4 IN DIA. WITH 1/2" HOLE SPACING.
- FILTER CLOTH:** FILTER X, NONWOVEN POLYPROPYLENE, 100 MICRON NOMINAL OPENING, 100% BLOCKING, 100% PERMEABLE TO WATER, 100% BLOCKING TO SOLIDS.
- PREPARED UNIT:** GRAVEL, SAND, OR APPROVED EQUIVALENT.

SILT FENCE
NO SCALE

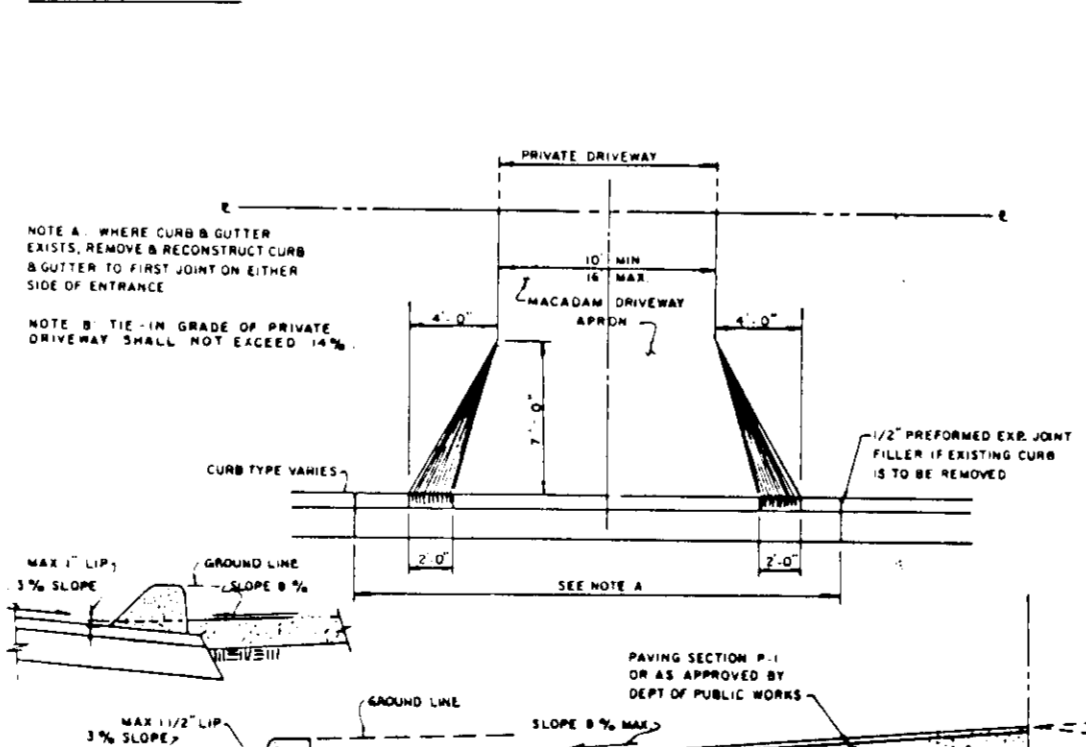
- SEDIMENT CONTROL NOTES**
- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).
 - ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, 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 TEMPORARY SEEDING (Sec. 33) AND (Sec. 34); TEMPORARY SEEDING (Sec. 30) 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 PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - SITE ANALYSIS:**
TOTAL AREA OF SITE: 7.6 ACRES
AREA DISTURBED: 7.0 ACRES
AREA TO BE VEGETATIVELY STABILIZED: 1.5 ACRES
TOTAL CUT: 1046 CU. YDS.
TOTAL FILL: 12088 CU. YDS.
OFFSITE WASTE/BANK/ROW AREA LOCATION: LONG GATE WEST GP-02-II
 - ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITIES FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 - ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPM SEDIMENT CONTROL INSPECTOR.
 - ALL SEDIMENT TRAPS 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.

- PERMANENT SEEDING PREPARATION**
- SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:
- 1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 lbs/1000 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)
 - 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 lbs/1000 sq ft) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 lbs/1000 sq ft) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

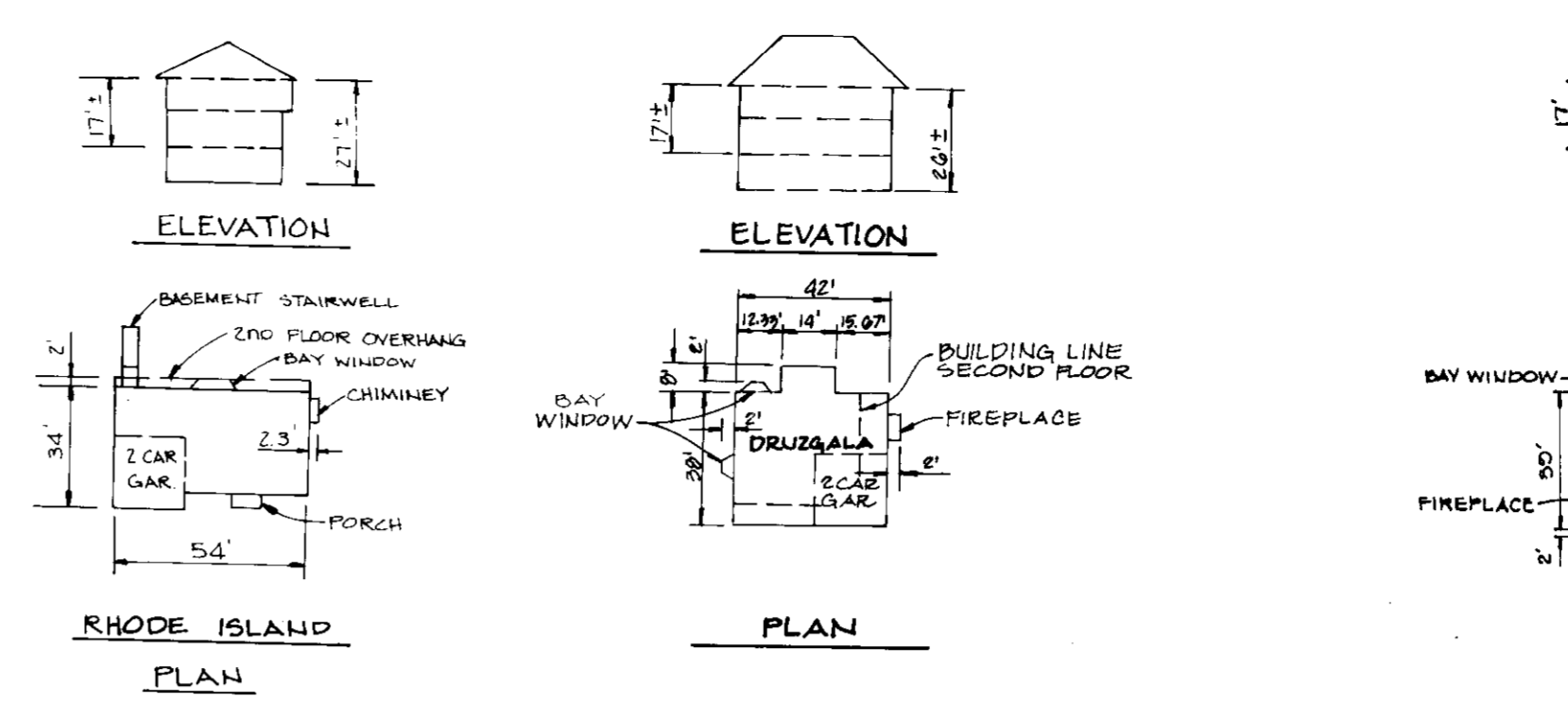
- SEEDING: FOR THE PERIOD MARCH 1 THRU APRIL 30 AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 lbs/1000 sq ft) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.05 lbs/1000 sq ft) OF KEERING LOWGRASS. 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 SOO. OPTION (3) SEED WITH 60 LBS PER ACRE OF KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW.
- MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 lbs/1000 sq ft) OF UNWETTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 gal/1000 sq ft) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE (8 gal/1000 sq ft) FOR ANCHORING.
- MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

- TEMPORARY SEEDING PREPARATION**
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 lbs/1000 sq ft).

- SEEDING: FOR PERIOD MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 1-1/2 BUSHELS PER ACRE (13.2 lbs/1000 sq ft). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF KEERING LOWGRASS (.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 SOO.
- MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 lbs/1000 sq ft) OF UNWETTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 gal/1000 sq ft) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT. OR HIGHER, USE 340 GALLONS 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.



DRIVEWAY ENTRANCE
ABUTTING CLOSED SECTION WITHOUT CONCRETE SIDEWALK
NO SCALE



TYPICAL HOUSES
SCALE: 1/4" = 1'-0"

BY THE DEVELOPER:
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."
Garnett V. Clark
DEVELOPER: GARNETT V. CLARK (GYC BUILDERS) 6/22/89 DATE

BY THE ENGINEER:
"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."
James K. Traay
ENGINEER: JAMES K. TRAY, P.E. 6-22-89 DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
James M. Helms
S.O.C. SOIL CONSERVATION DISTRICT 10/19/89 DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
John A. Robinson
HOWARD S.C.D. 10/19/89 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
James M. Bond
COUNTY HEALTH OFFICER 6-24-89 DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James M. Bond
DIRECTOR 6-23-89 DATE

APPROVED: HOWARD DEPARTMENT OF PLANNING AND ZONING
Joseph R. Beyer
DIRECTOR 11/8/89 DATE

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
Frank W. Taylor
1-15/89 DATE

NO.	DATE	REVISION
1	6-23-82	ADD PLAN 'G' HOUSE TYPE
2	5-20-82	ADD RHODE ISLAND HOUSE TYPE
3	4-18-82	ADD DRUZGALA HOUSE TYPE
NO.	DATE	REVISION

TRACY, SCHULTE & ASSOCIATES INC.
planning • architecture • engineering
8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

OWNER
SECURITY DEVELOPMENT CORP.
PO. BOX 417
ELLCOTT CITY MARYLAND 21043

DEVELOPER
GYC BUILDERS, INC.
8480 BALTIMORE NATIONAL PIKE SUITE 4B
ELLCOTT CITY MARYLAND 21043

PROJECT
LINWOOD
SECTION 5
LOTS 50-52, 64, 65, 67-69
LOCATION TAX MAP NO 25 PARCEL NO 97
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
2-2002 V-00-00-01 P-02-04 E-02-02 S-02-00-00

TITLE
DETAILS
SINGLE FAMILY DETACHED DWELLINGS

DATE
JUNE 26, 1989
OCT 16, 1989

PROJECT NO
0105

SCALE
AS SHOWN

DRAWING
3 OF 3