

SHEET INDEX	
SHEET NO.	TITLE
1	SITE DEVELOPMENT PLAN
2	SEDIMENT CONTROL PLAN
3	DETAILS

HOUSE MATRIX						
LOT NO.	BOX TYPE	HUNTINGTON I	HUNTINGTON II	SARAH DUNMORE	GLENMORE	
13	C	Y3	N	Y3	N	
14	C	Y3	N	Y3	N	
15	C	Y3	N	Y3	N	
16	C	Y3	N	Y3	N	
17	A	Y	Y	Y	N	
18	A	Y	Y	Y	N	
19	B	Y	Y	Y	Y4	
20	C	Y3	N	Y3	N	
21	C	Y3	N	Y3	N	
22	C	Y3	N	Y3	N	

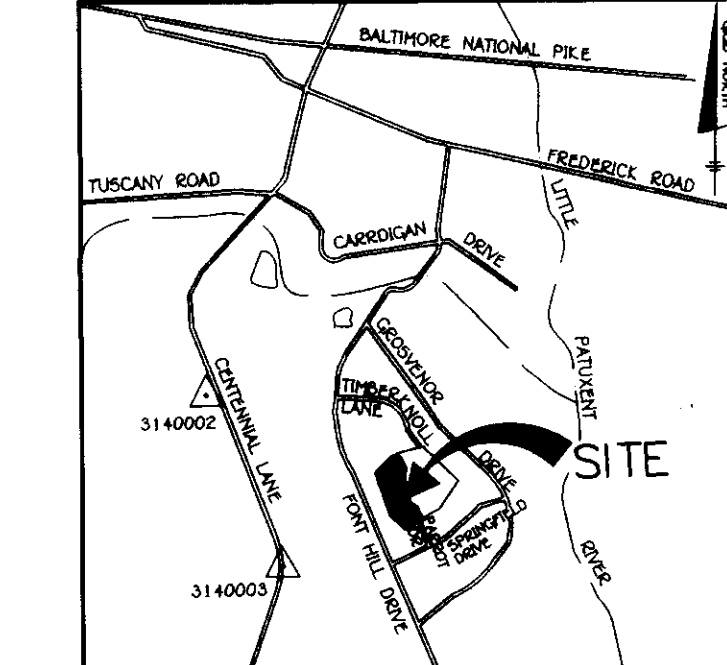
MINIMUM LOT SIZE CHART						
LOT NO.	GROSS AREA	PIPESTEM AREA	REMAINING AREA	100 YR. FLOODPLAIN	25% SLOPE	MINIMUM LOT SIZE
13	25164 SF	---	25164 SF	---	1,099 SF	24085 SF
19	20785 SF	---	20785 SF	---	664 SF	20121 SF

ADDRESS CHART	
SUBDIVISION	FONT HILL MANNER FARM ESTATES
LOT NO.	STREET ADDRESS
13	3835 PARROT DRIVE
14	3835 PARROT DRIVE
15	3835 PARROT DRIVE
16	3843 PARROT DRIVE
17	3847 PARROT DRIVE
18	3843 PARROT DRIVE
19	3855 PARROT DRIVE
20	3859 PARROT DRIVE
21	3863 PARROT DRIVE
22	3867 PARROT DRIVE

BENCH MARKS

BM 1 ELEV. 421.62
X CUT IN TOP OF FH ON SOUTHWEST CORNER OF PARROT DRIVE AND SPRING FIELD DRIVE

BM 2 ELEV. 405.23
TOP OF MANHOLE NEAR THE NORTHERNMOST CORNER OF LOT 10 FONT HILL MANNER FARM ESTATES



KEY

Y = ALL OPTIONS FIT EXCEPT AS INDICATED
N = UNIT DOES NOT FIT ON LOT

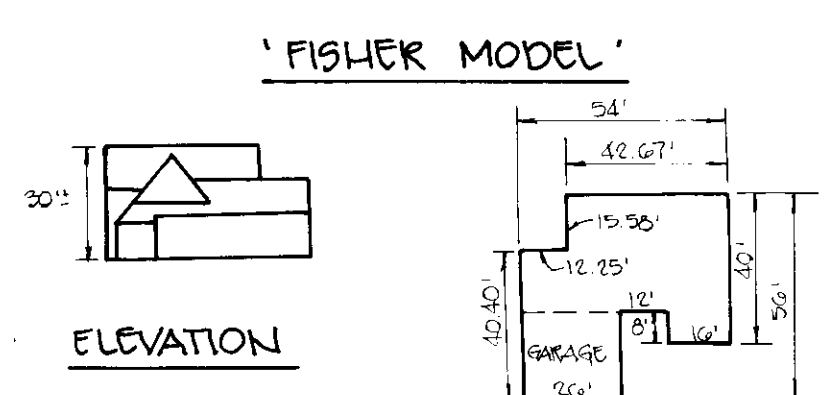
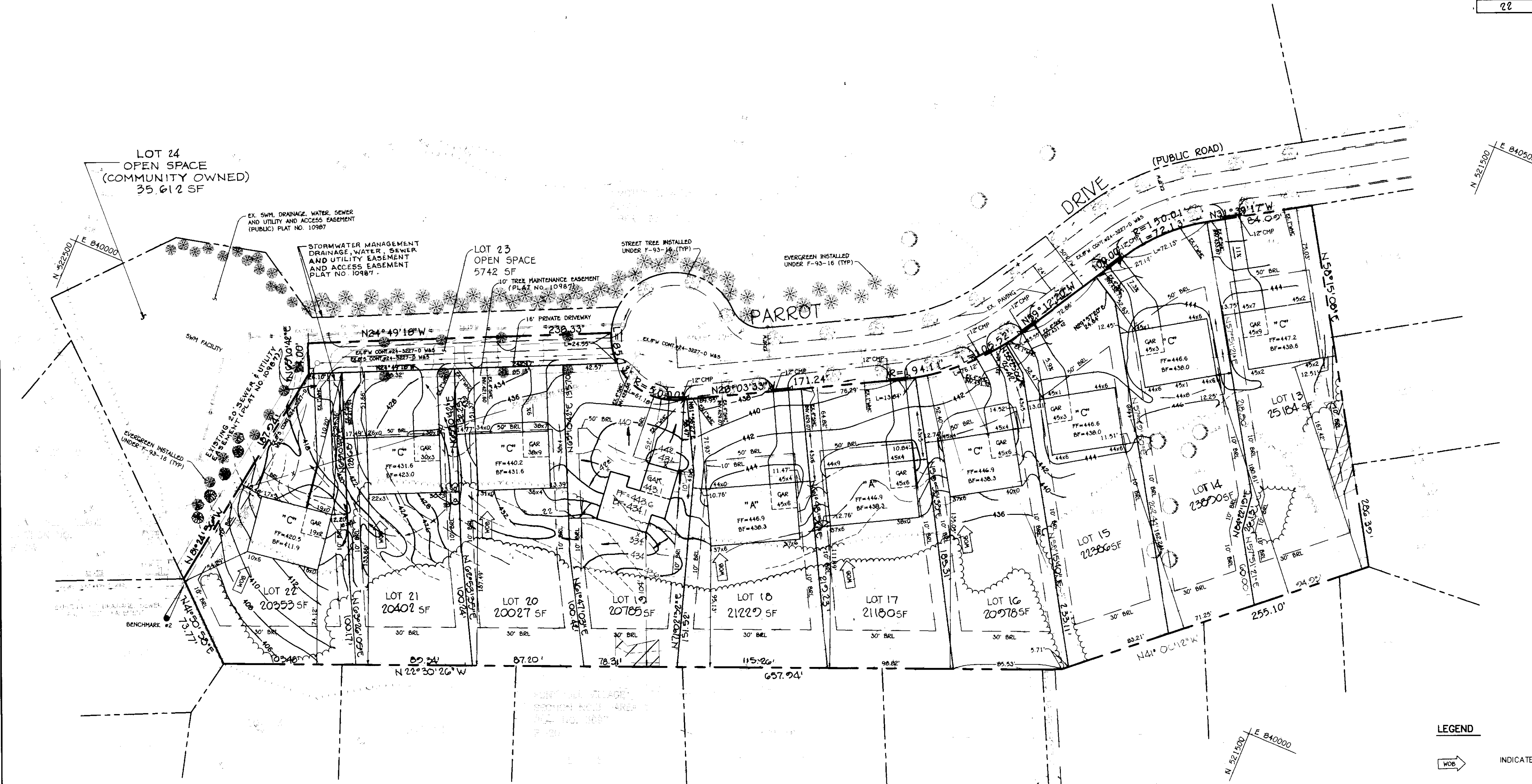
1 = GARAGE ON LEFT
2 = GARAGE ON RIGHT
3 = NO SIDE SUNROOM OPTION
4 = NO SIDE ENTRY GARAGE

NOTE: ALL STORMWATER RUNOFF FROM HOUSE ROOFS SHALL BE COLLECTED INTO A ROOF DRAIN SYSTEM AND DISCHARGED TO PARROT DRIVE AND THE PRIVATE DRIVE.

MINIMUM SEWER SERVICE ELEVATIONS FROM CONTRACT 24-3227-D		
LOT NO.	MINIMUM SERVICE ELEVATIONS	BASEMENT ELEVATIONS
13	436.57	438.6
14	437.43	438.0
15	436.23	438.0
16	435.32	438.9
17	433.79	438.9
18	432.87	438.3
19	430.26	434.1
20	425.4	431.6
21	421.74	423.0
22	409.22	411.9

GENERAL NOTES

- The contractor shall notify the Department of Public Works Construction Inspection Division at (410) 313-1880 at least five (5) working days prior to start of work.
- The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
- The topography shown hereon was taken from road construction plans F-93-16 and is shown at two (2) foot contour intervals.
- Horizontal and vertical datum are based on the Maryland State Coordinate System as projected from Howard County NAD 27 Control Stations 314002 and 314003.
- Stormwater management is provided for these lots under Road Construction Plans F-93-16 by means of extended detention.
- Any damage to the County's right-of-way shall be corrected at the builder's expense.
- Existing utilities shown have been taken from Contract Drawings 24-3227-D and Road Construction Plans F-93-16.
- All roadways are public and existing.
- Porches, fireplaces, chimneys and bay windows which extend across the B.R.L. shall be in accordance with Section 128 of the Howard County Zoning Regulations.
- B.R.L. indicates building restriction line.
- [WCE] indicates walkout basement.
- No wetlands exist within the lots in this subdivision.
- The minimum distance between a driveway and a property line shall be 2'.
- For driveway entrance detail see Howard County Standard Detail R-6.06.
- Maintenance agreement for the use-in-common driveway on Lot 23 is recorded among the Land Records of Howard County in Liber 2909 of Folio 0404.
- This plan is subject to WP-92-131 which waived the requirements of Section 115(b)(5) to permit private roads maximum 200' to be increased to 240' to serve Lots 20-22 and Section 16.129(1) to not construct the required sidewalk on one side of the cul-de-sac private road.
- Previous Howard County File No. S-92-07 approved 11/12/91, P-92-12 approved 06/11/92, SDP-91-24 approved 04/14/91, WP-92-131 and F-93-16 approved 05/24/93, F-93-147.
- The articles of incorporation for maintenance of the community owned open space is recorded among the Land Records of Howard County in Liber 3409 of Folio 225.



PLAN
SCALE: 1" = 50'

LEGEND

[Symbol] INDICATES WALKOUT BASEMENT

[Symbol] INDICATES SLOPE 25% OR GREATER

SITE ANALYSIS

TOTAL AREA OF LOTS 5.12 AC +/-
EXISTING ZONING RED
UNIT TYPE SINGLE FAMILY DETACHED
NO. OF UNITS PROPOSED 10

SUBDIVISION NAME FONT HILL MANOR FARM ESTATES	SECTION/AREA SECTION 1	LOT NO.S 13 - 24
PLAT NO. 11710	BLOCK # 8 & 14	ZONE RED
TAX/ZONE MAP 24	ELECT. DISTRICT 2ND	GENSUS TRACT 6023.01
WATER CODE F-12	SEWER CODE 5881200	

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

Jane M. Shum 2/1/95
DIRECTOR DATE

Paul D. Sporn 2/6/95
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Frank J. DeLong 2/6/95
DIRECTOR DATE

Anna Swannick 3/3/95
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

7-25-95	REVISE HOUSE TYPE LOT 19, UPDATE INFORMATION TO MATCH PLAT NO. 11710
NO DATE	REVISION

TSA GROUP, INC.
planning • architecture • engineering • surveying
8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410)465-8100

OWNER:
TIMOTHY E. WELSH & SUSAN WELSH
P.O. BOX 1447
ELLICOTT CITY, MARYLAND
21041-1447

DEVELOPER:
GYC BUILDERS, INC.
8480 BALTIMORE NATIONAL PIKE
SUITE 413
ELLICOTT CITY, MARYLAND 21043

PROJECT:
FONT HILL MANOR FARM ESTATES
SECTION 1 LOTS 13-24

LOCATION:
TAX MAP 24 - PARCEL 725
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE:
SITE DEVELOPMENT PLAN
(SINGLE FAMILY DETACHED)

5-92-07 P-92-12 F-93-16 WP-92-131 SDP-91-24
DATE: OCTOBER 12, 1994 PROJECT NO. 0703
DECEMBER 22, 1994

SCALE: AS SHOWN DRAWING 1 OF 3

SEDIMENT CONTROL NOTES

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION, (313-1850).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL, REVISIONS THERE TO.
- 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 PERMANENT SEEDINGS (SEC. 51) SOO (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	5.1	ACRES
AREA DISTURBED	3.0	ACRES
AREA TO BE ROOFED OR PAVED	0.9	ACRES
AREA TO BE VEGETATIVELY STABILIZED	2.1	ACRES
TOTAL CUT	8071	CY
TOTAL FILL	2592	CY
OPPOSITE WASTE/BORROW LOCATION		
- 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 CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

TEMPORARY SEEDBED PREPARATION

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, DISING 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 THROUGH APRIL 30 AND FROM AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 2-1/2 BUSHELS PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ FT). FOR THE PERIOD MAY 1 THROUGH AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (0.7 LBS/1000 SQ FT). FOR THE PERIOD NOVEMBER 16 THROUGH FEBRUARY 28, PROTECT 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 UNROTTED SMALL GRAM 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.

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

PERMANENT SEEDBED PREPARATION

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

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

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 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- UREAFORM FERTILIZER (9 LBS/1000 SQ FT).
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30 AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.5 LBS/1000 SQ FT) OF WEEPING LOVEGRASS DURING THE PERIOD OF OCTOBER 16 THROUGH 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 UNROTTED SMALL GRAM STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

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

SEQUENCE OF CONSTRUCTION

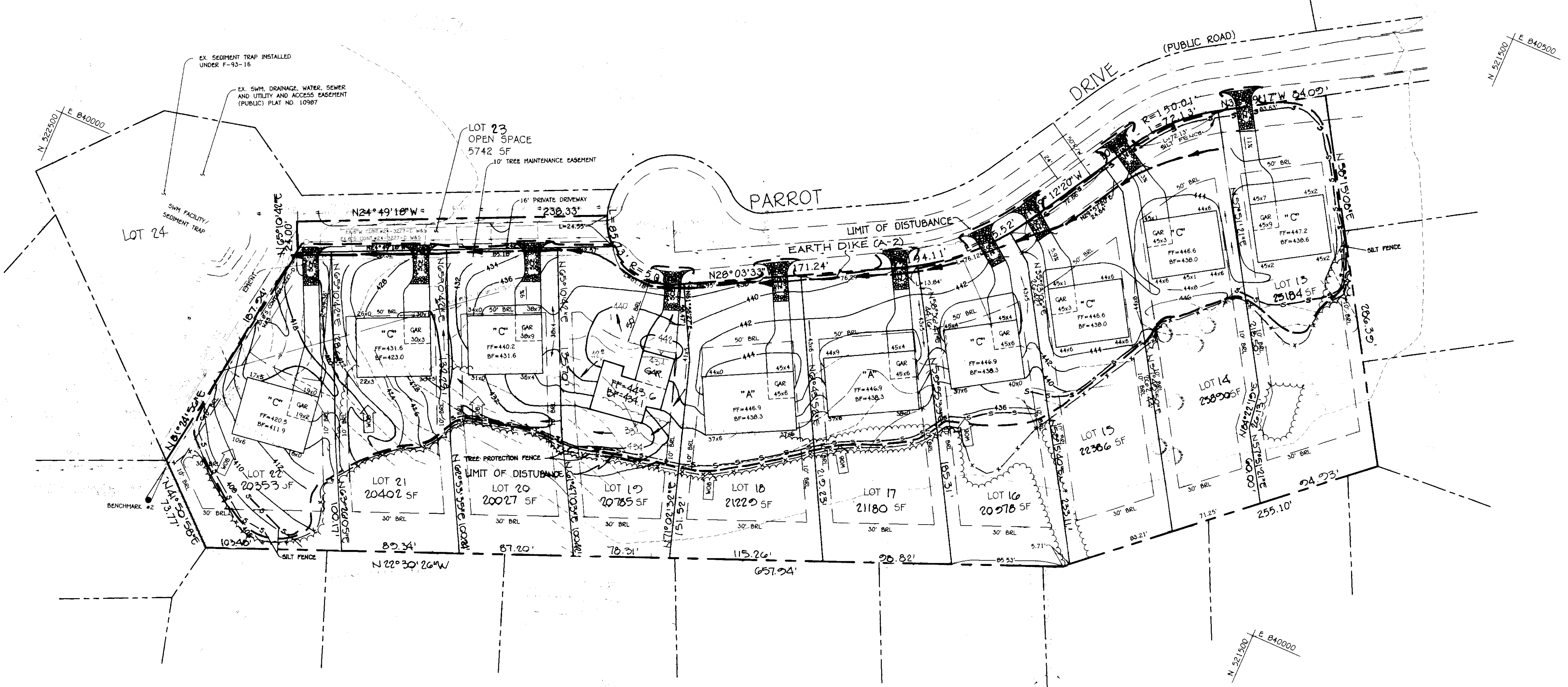
- DAY 1 OBTAIN A GRADING PERMIT
- DAY 2-4 INSTALL SILT FENCE, EARTH DIKE AND STABILIZED CONSTRUCTION ENTRANCE
- DAY 5-10 GRADE SITE AND STABILIZE IN ACCORDANCE WITH TEMPORARY SEEDBED NOTES.
- DAY 11-160 CONSTRUCT HOMES, INSTALL DRIVEWAYS AND UTILITIES.
- DAY 161-163 STABILIZE ANY REMAINING DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDBED NOTES.
- DAY 164-166 UPON APPROVAL OF THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR, REMOVE ALL REMAINING SEDIMENT CONTROL DEVICES, CONVERT SEDIMENT TRAP TO STORMWATER MANAGEMENT FACILITY IN ACCORDANCE WITH F-93-16 AND STABILIZE ANY DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDBED NOTES.

EXISTING SEDIMENT TRAP

FROM F-93-16

DRAINAGE AREA	6.7 AC.
VOLUME REG.	12060 CF
VOLUME PROV	12196 CF @ 410.2
CREST ELEV.	411.2
TOP ELEV.	414.0
SIDE SLOPES	4:1
DEPTH	4.2'
BOTTOM ELEV.	407.0

NOTE: SEDIMENT TRAP INSTALLED UNDER F-93-16 SHALL BE CONVERTED TO FINAL SWM GRADES SHOWN ON ROAD CONSTRUCTION PLANS BY REMOVING ANY COLLECTED SEDIMENT AND UNBLOCKING LOW-FLOW PIPE PER ROAD CONSTRUCTION PLANS F-93-16 AFTER HOMES HAVE BEEN CONSTRUCTED.



PLAN
SCALE: 1" = 50'

LEGEND

—S—S—S—	SILT FENCE
— — — — —	LIMIT OF DISTURBANCE
—X—X—X—	EARTH DIKE
—X—X—X—	TREE PROTECTION FENCE
[Hatched Box]	STABILIZED CONSTRUCTION ENTRANCE

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 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."
Clark H. Goski 10-13-94
DEVELOPER: 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."
John M. Elorriaga 10-13-94
ENGINEER: JOHN M. ELORRIAGA DATE:

THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Patricia E. ... 2/27/95
U.S. SOIL CONSERVATION SERVICE DATE:

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
John P. ... 2/27/95
HOWARD SOIL CONSERVATION DISTRICT DATE:

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
James P. ... 2/7/95
DIRECTOR DATE:

Paul ... 2/6/95
CHIEF, BUREAU OF ENGINEERING DATE:

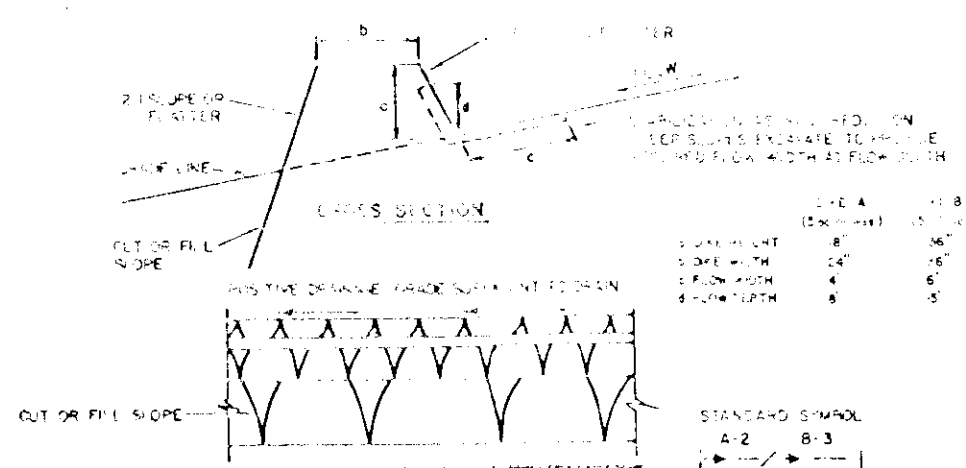
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Debra ... 2/6/95
DIRECTOR DATE:

Uma Summananji 3/3/95
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE:

NO.	DATE	REVISION
		REVISE HOUSE TYPE LOT 19, UPDATE INFORMATION TO MATCH PLAT NO. 11710

TSA GROUP, INC.
planning • architecture • engineering • surveying
8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410)485-6105

OWNER: TIMOTHY E. WELSH & SUSAN WELSH P.O. BOX 1447 ELLCOTT CITY, MARYLAND 21041-1447	PROJECT: FONT HILL MANOR FARM ESTATES SECTION 1 LOTS 13-24
DEVELOPER: GYC BUILDERS, INC. 8480 BALTIMORE NATIONAL PIKE SUITE 413 ELLCOTT CITY, MARYLAND 21043	LOCATION: TAX MAP 24 - PARCEL 725 2TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE: SEDIMENT CONTROL PLAN (SINGLE FAMILY DETACHED)	DATE: OCTOBER 12, 1994
DES: DM	DRN: JRN
SCALE: AS SHOWN	PROJECT NO. 0703
	DRAWING 2 OF 3



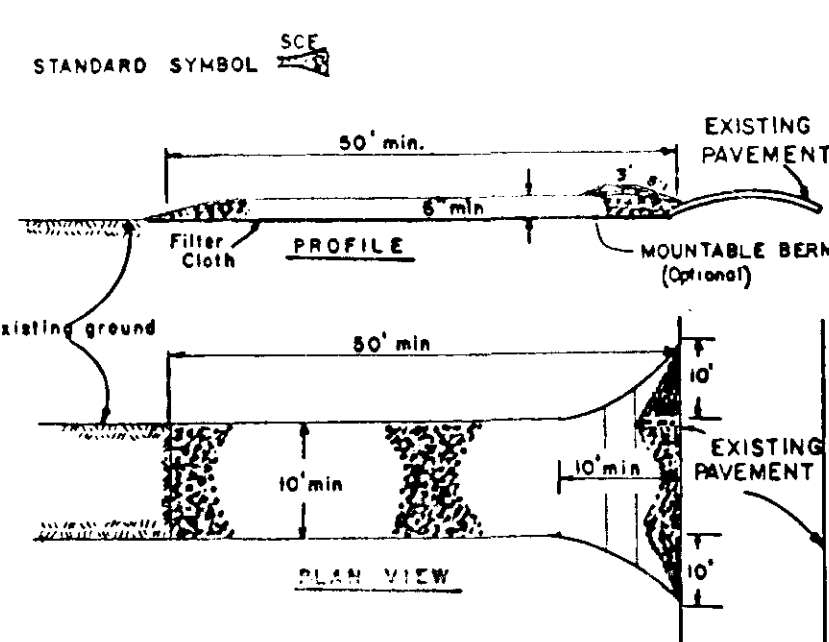
CONSTRUCTION SPECIFICATIONS

- All dikes shall be impacted by earthmoving equipment.
- All dikes shall have positive drainage to the outlet.
- Top width may be wider and side slopes may be flatter if desired to facilitate maintenance.
- Field elevation shall be adjusted as needed to utilize a stabilized dike outlet.
- Earth dikes shall have an outlet that functions with a minimum of friction. Slurry shall be conveyed to a sediment trapping device such as a sediment trap or settling basin where either the dike channel or the discharge area under the dike are not adequately stabilized.
- Stabilization shall be: (a) in accordance with standard specifications for seed and straw mulch if not in seeding season, (b) flow channel as per the chart below.

TYPE OF CHANNEL	CHANNEL	DIKE A	DIKE B
1	5-3.0E	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0E	SEED AND STRAW MULCH	SEED WITH 1/2" OR LARGER SAND 2" STRIKE
3	5.1-8.0E	SEED WITH 1/2" OR LARGER SAND 2" STRIKE	LINED RIP-RAP 4-8"
4	8.1-20E	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

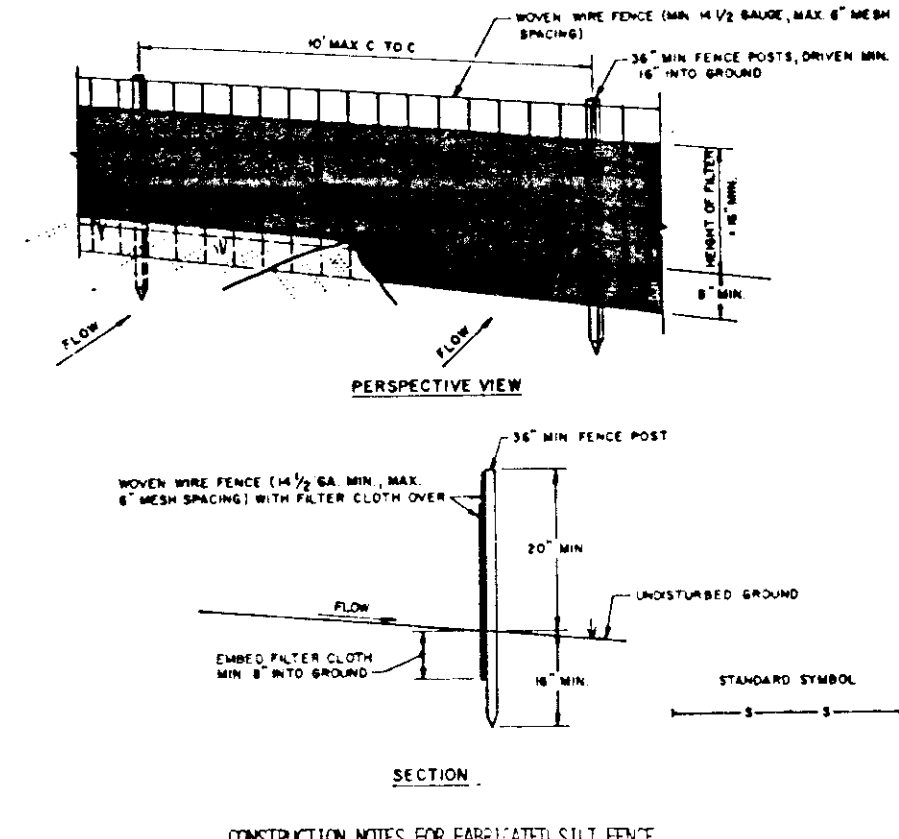
A. Stone to be 2 inch stone, or recycled concrete equivalent, in a layer at least 3 inches in thickness and be pressed into the soil with construction equipment.
 B. Rip-rap to be 4-8 inches in a layer at least 8 inches thickness and pressed into the soil.
 C. Approved equivalents can be substituted for any of the above materials.
 7. Periodic inspection and required maintenance must be provided after each rain event.

EARTH DIKE
NO SCALE



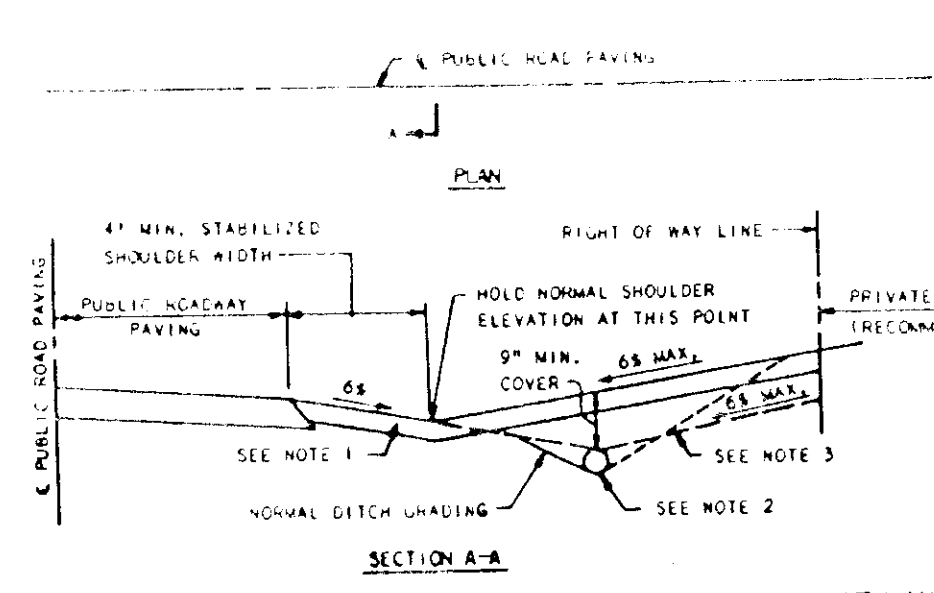
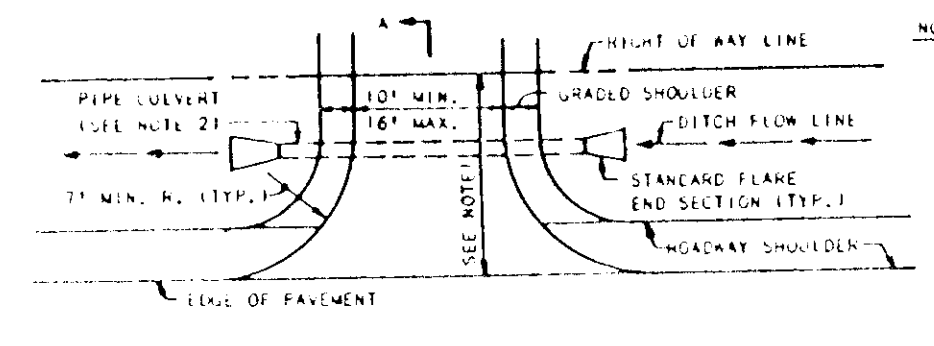
- CONSTRUCTION SPECIFICATIONS**
- Stone Size - One 2" stone, or recycled or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
 - Thickness - Not less than six (6) inches.
 - Width - Ten (10) 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 entrance shall be piped across the entrance. If piping is impractical, a mountable berm with 3:1 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 cleaning 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



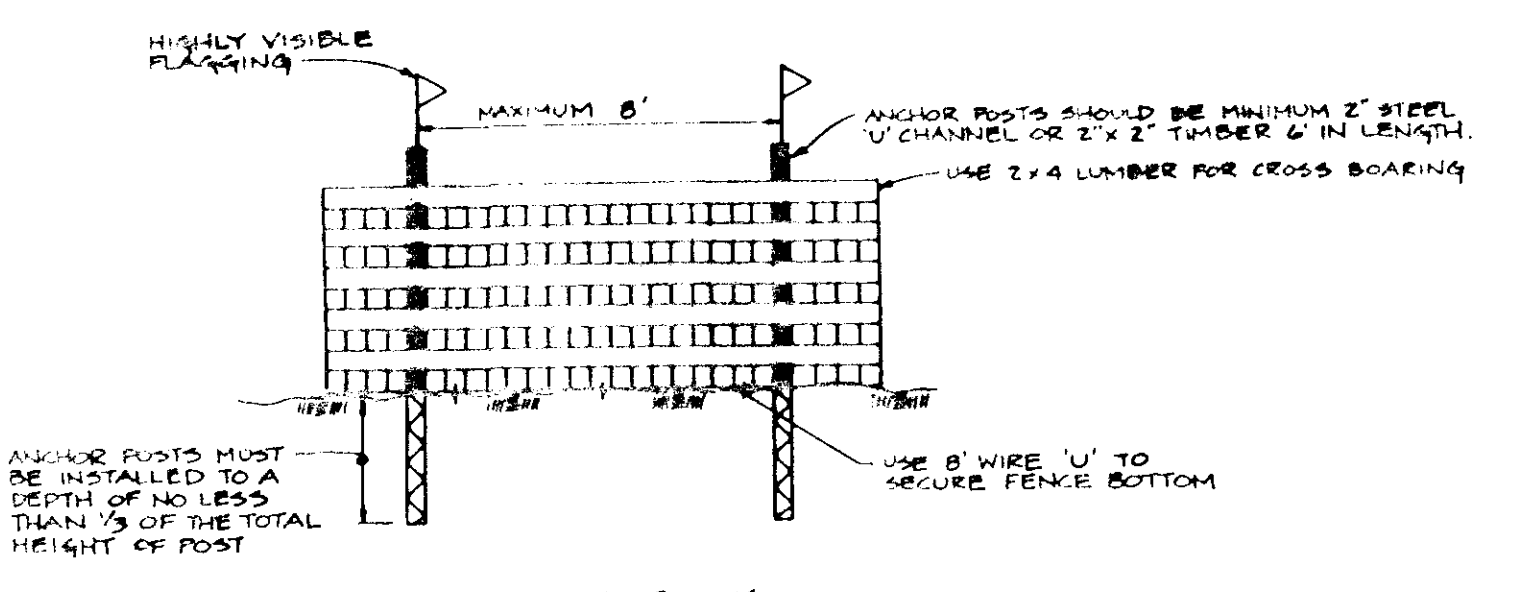
- CONSTRUCTION NOTES FOR ENHANCED SILT FENCE**
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 - FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 2' AT TOP AND MID SECTION.
 - WEDGEOUT SECTIONS OF FILTER CLOTH ALONG EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND REPORTED WHEN BALLET DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EIGHT (8) OR 10" TYPE OR 1" WOODKOR
 FENCE: WOVEN WIRE, 1/4" GA. 6" MAX. TIE SPACING
 FILTER CLOTH: FILTER X, 15" WIDE, 100% STABILIZED, 100% TENSILE STRENGTH OR APPROVED EQUAL
 PRE-INSTALLED UNITS: GEORGE, BENTLEY LINE, OR APPROVED EQUAL

SILT FENCE
NO SCALE



RESIDENTIAL DRIVEWAY ENTRANCE CONNECTION TO OPEN SECTION ROADWAY
NO SCALE

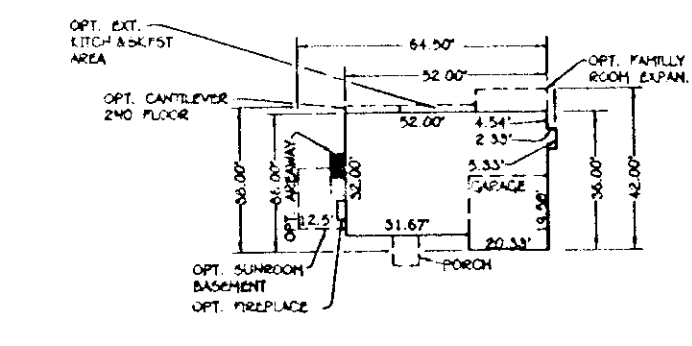
- NOTES:**
- DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE USING STANDARD PAVING SECTION P-1 AS SHOWN ON STD. NO. OR ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY C.P.A.
 - CHANNEL LULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM AND THE MINIMUM SIZE SHALL BE 18" DIA. - 18" OR 24" BY 18" EACH PIPE IF LARGER PIPE IS REQUIRED, DITCH INVERT SHALL BE LOWERED TO PREVENT MIN. DITCH GRADIENT OF 0.5% AND CLEANLINESS.
 - 4" MIN. STABILIZED SHOULDER WIDTH - PUBLIC NEARBY PAVING - 9" MIN. COVER - 6" MIN. DEPTH - PRIVATE DRIVEWAY GRADE VARIES (RECOMMENDED MAX. GRADE 10%)
 - STABILIZED GRADE OF PRIVATE DRIVEWAY SHALL NOT EXCEED 10%.



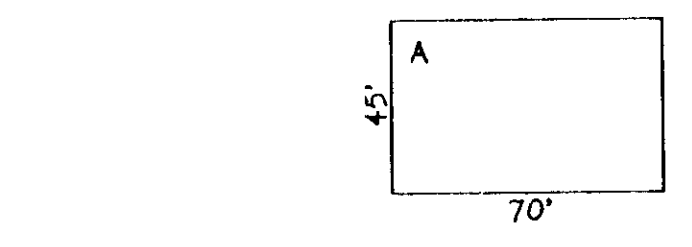
- NOTES:**
- TREE PROTECTION DEVICE ONLY - RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
 - BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLATION.
 - ROOT DAMAGE SHOULD BE AVOIDED.
 - PROTECTIVE EQUIPMENT MAY ALSO BE USED.
 - DEVICE SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

TREE PROTECTION FENCE
NO SCALE

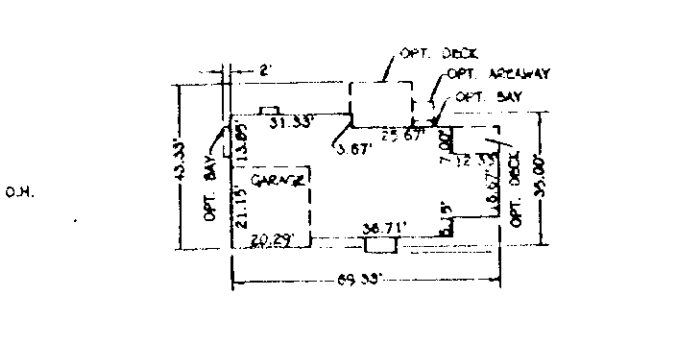
MODEL-GLENMORE
SCALE: 1"=50'



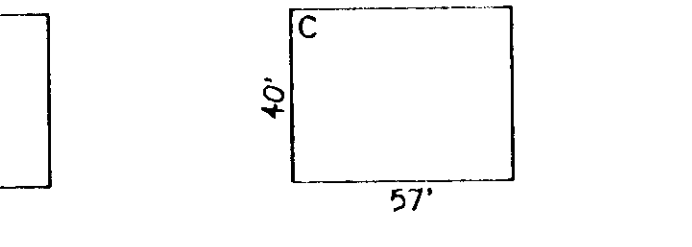
MODEL-SARAH DUNMORE
SCALE: 1"=50'



MODEL-THE HUNTINGTON I
SCALE: 1"=50'



MODEL-THE HUNTINGTON II
SCALE: 1"=50'



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 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."
 DEVELOPER: *Mark A. Trask* DATE: 10/13/94

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."
 ENGINEER: *John Melorriaga* DATE: 10/23/94

THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
John P. Roberts DATE: 2/26/95
 CHIEF, HOWARD SOIL CONSERVATION DISTRICT

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 DIRECTOR: *James J. Lee* DATE: 2/7/95
 CHIEF, BUREAU OF ENGINEERING: *Paul S. Ryan* DATE: 2/6/95
 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 DIRECTOR: *Denise J. M. Cagle* DATE: 2/28/95
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH: *Anna Szymanski* DATE: 3/3/95

NO.	DATE	REVISION

TSA GROUP, INC.
 planning • architecture • engineering • surveying
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410)465-0105

OWNER: TIMOTHY E. WELSH & SUSAN WELSH
 P.O. BOX 1447
 ELLICOTT CITY, MARYLAND
 21041-1447

PROJECT: FONT HILL MANOR FARM ESTATES SECTION 1 LOTS 10-24

DEVELOPER: GYC BUILDERS, INC.
 8480 BALTIMORE NATIONAL PIKE
 SUITE 413
 ELLICOTT CITY, MARYLAND 21043

TITLE: DETAILS (SINGLE FAMILY DETACHED)

DATE: OCTOBER 12, 1994

PROJECT NO. 0703

SCALE: AS SHOWN DRAWING 3 OF 3