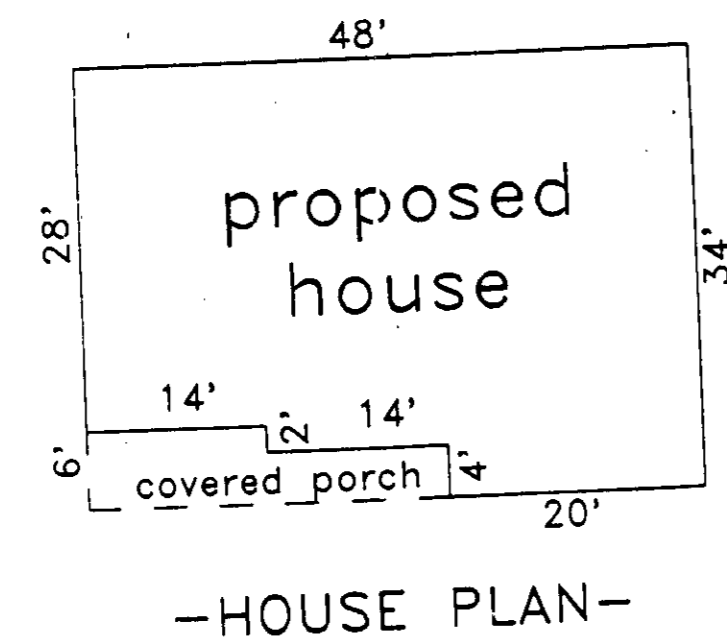
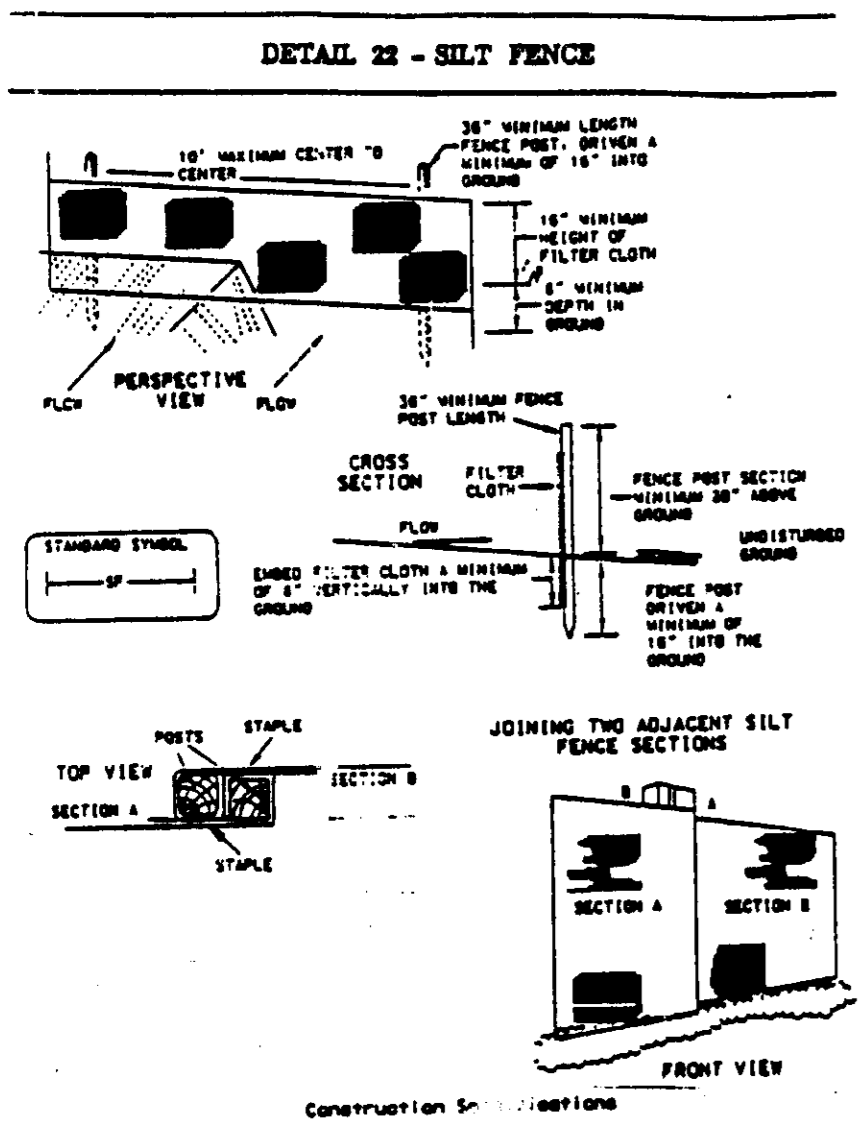
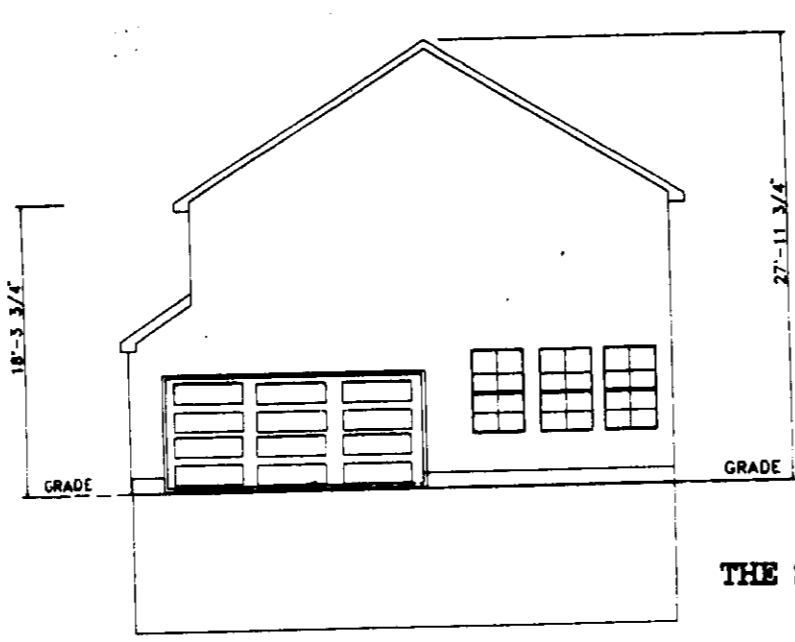


* Lot 1 is in a noise sensitive area and prolonged outdoor exposure may result in hearing impairment. *



PROVIDE 4 DOWNSPOUTS AT FOUR CORNERS FOR QUALITY CONTROL. See Drywall Data #1.



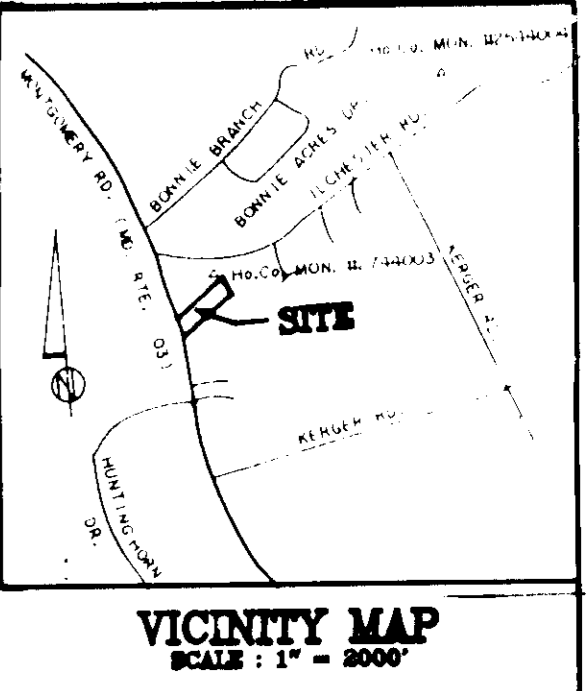
LANDS NOW OR FORMERLY OF THE SUSQUEHANNA TRANSMISSION COMPANY OF MARYLAND Liber 144 Folio 104 R-20

SITE ANALYSIS

DEED REFERENCE: PLAT # 11003
 EXISTING ZONING: R-20
 SITE AREA: 16,004 square feet (37 acres)
 TOTAL AREA OF TRACT TO BE SUBDIVIDED: N/A
 TOTAL AREA IN STREET R.O.W.: N/A
 TOTAL AREA IN OPEN SPACE: N/A
 PROPOSED DEVELOPMENT: residential
 PROPOSED AND PERMITTED NO. OF DWELLINGS: 1
 PROPOSED NO. OF PARKING SPACES: 2
 ROAD SYSTEM: existing
 WATER AND SEWER SYSTEM: public
 STORM DRAINAGE AND STORM WATER MANAGEMENT FACILITIES PROVIDED: N/A
 COMMON AREA TO BE MAINTAINED BY HOMEOWNERS ASSOCIATION: N/A
 PERCENTAGE OPEN SPACE TO REMAIN: N/A
 BUILDING/DRIVEWAY COVERAGE: 1,980 square feet / 12.4% of 16,004
 REQUIRED NO. OF PARKING SPACES: 2

SCHEDULE A PERIMETER LANDSCAPE EDGE

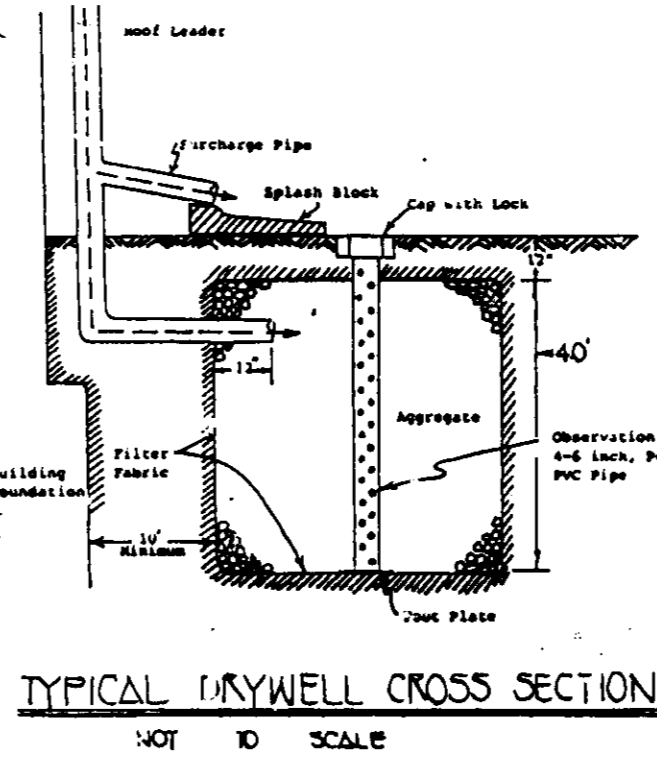
CATEGORY	ADJACENT TO ROADWAYS	ADJACENT TO PERIMETER PROPERTIES
LANDSCAPE TYPE	A	A
LINEAR FEET OF ROADWAY, FRONTAGE, AND PERIMETER	107.97'	478.28'
CREDIT FOR EXISTING VEGETATION	N/A	N/A
CREDIT FOR WALL, FENCE, OR BERM	N/A	N/A
NUMBER OF PLANT REQUIRED	3	3
NUMBER OF PLANTS PROVIDED	0	0
Shade Trees	0	0
Shrubs	0	0



- GENERAL NOTES:**
- The contractor shall notify the Department of Public Works Construction Inspection Division 410-313-1880 at least five (5) working days prior to the start of the work.
 - The Contractor shall notify Miss Utilities at 1-800-257-7777 at least 48 hours prior to any excavation work.
 - Project Background: Parcel 204, Tax Map 31, Location: 5315 Montgomery Road, In Election District
 - Topography contours field surveyed by Engineering Technologies Associates, Inc. in 1993.
 - Stormwater Management for Lot 1 was addressed through the payment of a fee-in-lieu to the Department of Public Works.
 - Any damage to the County's right-of-way shall be corrected at the developer's expense.
 - Existing utilities field located and located through the approved water and sewer "as-builts".
 - Water Contract No. 132W
 - Sewer Contract No. 10-1215
 - This plan was prepared in accordance with the provisions of sec. 16.124 of the Howard County Code & Landscape Manual.
 - This lot is subject to Waiver Petition No. WP 93-30 requesting to waive sections 16.113(7) and 16.115(4) to allow access on Montgomery Road (Route 103). Approved on November 5, 1992.
 - Vehicular access is restricted for Montgomery Road, & access from the approved access point shall be through the Howard County Geodetic Control Stations:
- | | | |
|---------|--------------|--------------|
| 2744003 | N 507418.872 | E 859777.495 |
| 2644004 | N 503179.626 | E 860690.258 |
- No clearing, grading, or construction is permitted within the wetland buffer.
 - Water and sewer service will be granted to this lot under the provisions of Section 18.122.b of the Howard County Code.
 - Public water and sewerage allocation will be granted at the time of issuance of the building permit if capacity is available at that time.
 - Driveway shall be provided prior to residential occupancy to insure safe access for fire and emergency vehicles per the following minimum requirements:
 - Width-12 feet (16-feet serving more than one residence)
 - Surface-6 inches of compacted crushed run base with tar and chip coating
 - Geometry-Max. 15% grade, max. 10% grade change and Min. 45 feet turning radius
 - Structures (Culverts/Bridges)- Capable of supporting 23 gross tons (H25 Loading)
 - Drainage Elements- Capable of safely passing 100 year flood with no more than 1 foot depth over driveway surface
 - Structure Clearance- Min. 12 feet
 - Maintenance- Sufficient to insure all weather use.
 - The private 12' wide access easement may not be used unless and until a corresponding 12' wide access easement is created by the subdivision of parcel 205. When a full 24' wide access easement is recorded, the State Highway Administration may require that all ingress and egress to lot 1 and parcel 205 be derived from this use in common and that access to Md. Route 103 be abandoned.
 - Lot 1 is in a noise sensitive area and prolonged outdoor exposure may result in hearing impairment.
 - Forest conservation obligation: incurred by this lot have been met by payment to the forest conservation fund. Such payment is for development occurring under this plan only. Any further subdivision or development may come under the provisions of the Howard County Forest Conservation Program.
 - See the State Water Management Regulations Approved on October 1, 1993.
 - Water quality will be provided by a dry well.
 - As per R-20 zoning regulations 30% open space has been provided.
 - This subject property is zoned R-20 per 10/18/93 comprehensive zoning plan.

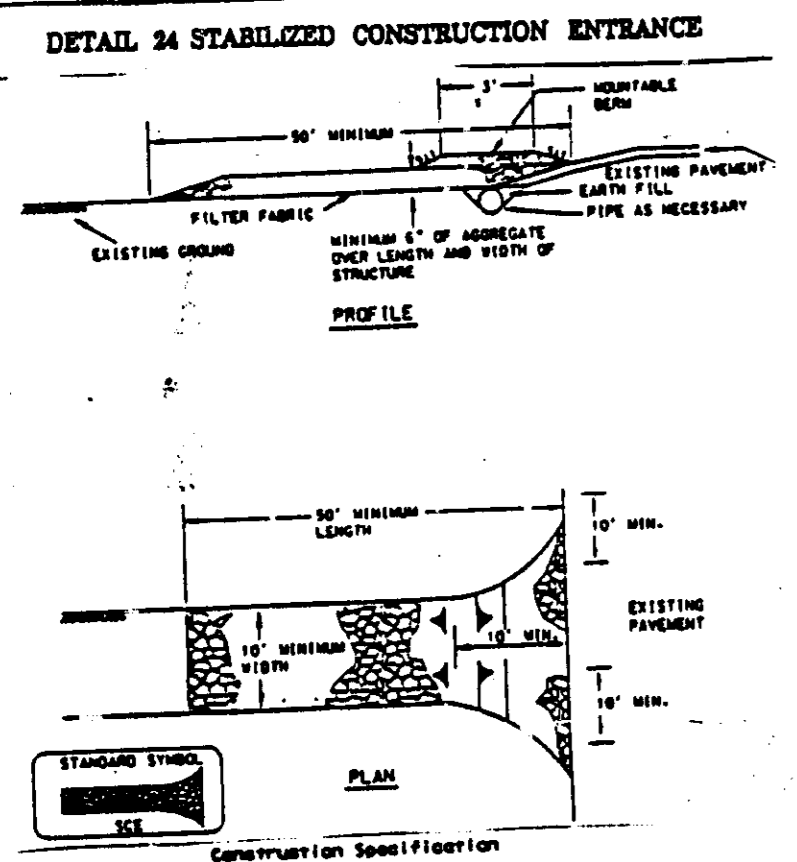
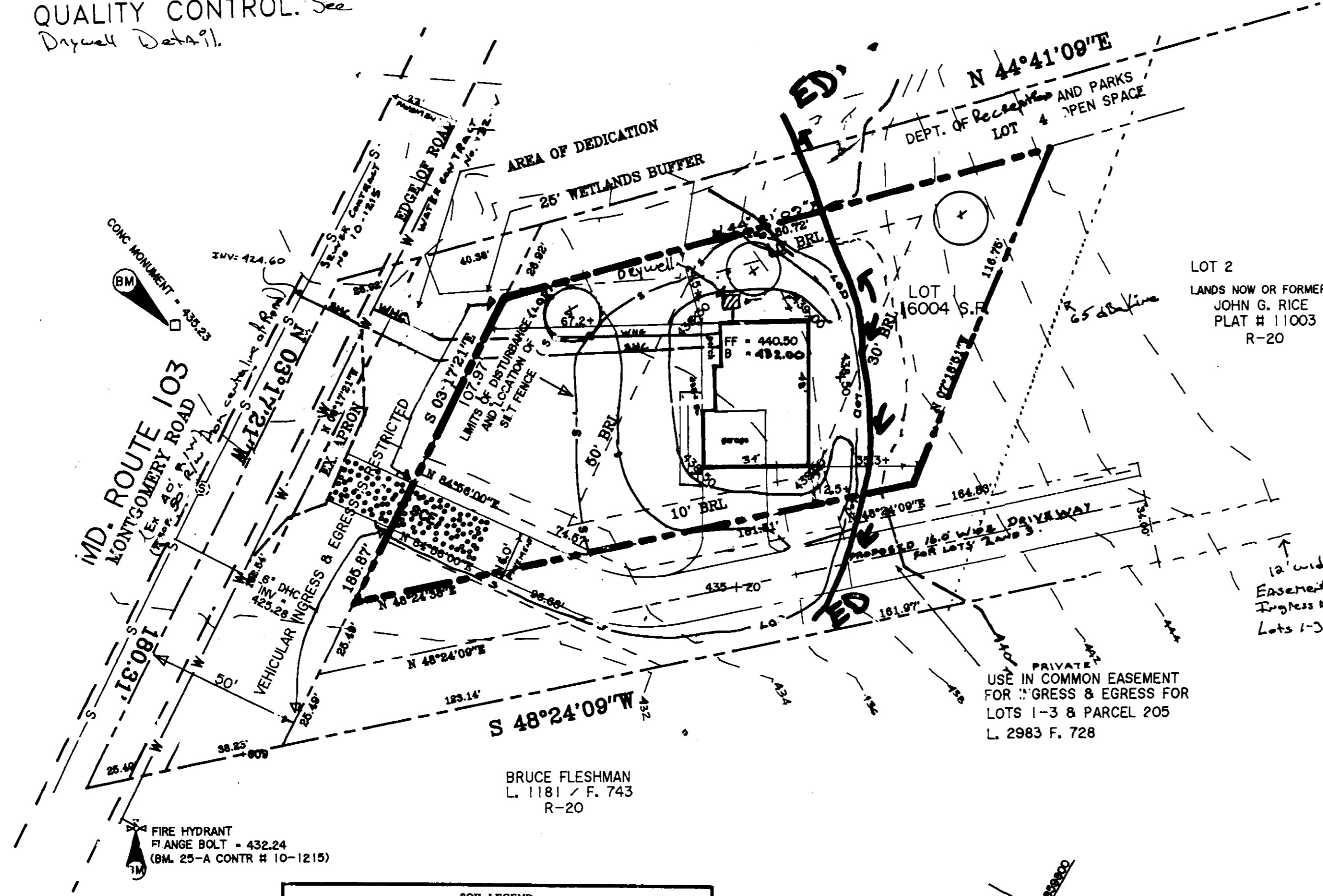
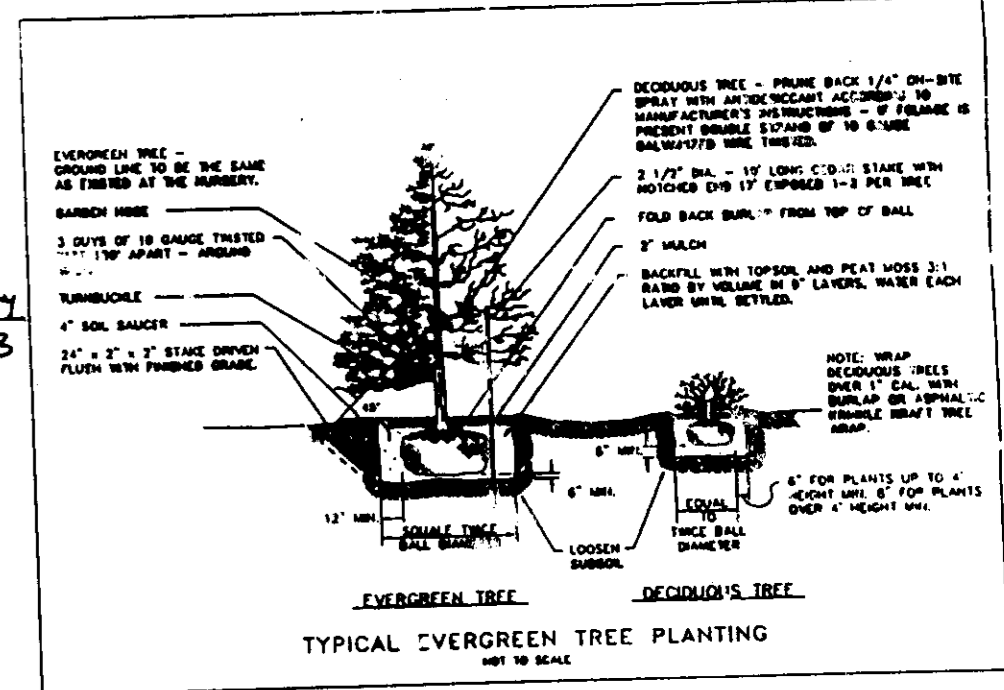
- STANDARD SEDIMENT CONTROL NOTES**
- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction, (313-1855).
 - All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current "WETLAND BUFFERING AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", and revisions thereto.
 - Following initial soil disturbance or disturbance, 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 a) 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 1991 HANDBOOK OF WETLAND BUFFERING AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, for permanent seeding (Sec. 51), sod (Sec. 54), temporary seeding (Sec. 58) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding rates 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	37 Acres
Area Disturbed	3.7 Acres
Area to be roofed or paved	0.7 Acres
Area to be vegetatively stabilized	2.7 Acres
Total Cut	270 Cu. Yds.
Total Fill	0 Cu. Yds.
Offsite waste/borrow area location	N/A
 - 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.
 - Tranches for the construction of utilities is limited to three pipe lengths or that which can be back filled and stabilized within 72 hours, whichever is shorter.



Plant Schedule

SYM	Bot. Name	Common Name	Size	Qty
AR	Acer Rubrum	Red Maple	2 1/2"	3
+	October Glory	October Glory	2 1/2"	3



- Construction Specifications**
- Length - minimum of 50' 130' for single residence lot.
 - Width - 10' minimum, should be flared or the existing road to provide a turning radius.
 - Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residence to use geotextile.
 - Stone - crushed aggregate (2" to 3"), or crushed or recycled concrete aggregate shall be placed at least 6" deep over the length and width of the entrance.
 - Surface water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe (inclined entrance) maintaining positive drainage) entrance shall be through the stabilized construction entrance with a minimum of 4" of stone over the pipe. Pipe may be placed according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be placed according to the amount of runoff to be conveyed. A 6" minimum will be required.
 - Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vertical spacing the site must extend over the entire length of the stabilized construction entrance.

Sequence of Construction

- Obtain Grading Permit (1 WEEK)
- Installation of sediment control devices & TPD's (2 DAYS)
- Removal of debris, brush, and other material interfering with the construction. (2 DAYS)
- Construction (4 MONTHS)
- Removal of the construction debris (1 WEEK)
- Completion of the stabilization (3 DAYS)
- Removal of the sediment control devices & TPD's (1 DAY)
- Restoration of the property by the owner.

SOIL LEGEND

SYMBOL	NAME
AgB2	Aura gravelly loam, 1 to 5 percent slopes, moderately eroded
AgC2	Aura gravelly loam, 3 to 10 percent slopes, moderately eroded
AgB3	Aura gravelly loam, 10 to 30 percent slopes, severely eroded
LuB	Luka loam, local alluvium, 1 to 5 percent slopes
KHC2	Keypart silt loam, 3 to 10 percent slopes, moderately eroded
SPC2	Sassafras gravelly sandy loam, 5 to 10 percent slopes, moderately eroded
SuB2	Sunayside fine sandy loam, 1 to 5 percent slopes, moderately eroded

WE CERTIFY THAT NO BURIAL GROUNDS ARE ON THE PROPERTY BEING DEVELOPED

DEVELOPER: *[Signature]* DATE: 3/15/94

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING <i>[Signature]</i> 3/21/94 PLANNING DIRECTOR DATE	APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS <i>[Signature]</i> 3/15/94 DIRECTOR DATE	WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION OF THE PROJECT WILL HAVE A CERTIFICATION OF ATTENDANCE AT THE DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. To also see the attached Form 60-1 of the 1993 Handbook by the Howard Soil Conservation District. <i>[Signature]</i> 3/15/94 DEVELOPER DATE	I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED UPON MY KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT. <i>[Signature]</i> 3/14/94 ENGINEER DATE	APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM IN CONFORMANCE WITH THE MASTER PLAN OF WATER AND SEWERAGE FOR HOWARD COUNTY <i>[Signature]</i> DATE COUNTY HEALTH OFFICER DATE	SUBDIVISION TITLE: TRAVIS' LAND'ING SECT./AREA: N/A LOT/PARCEL: 204
DESIGNED BY: _____ DATE: _____	REVISIONS: _____	OWNER: DOUGHOREGAN HOMES, INC. 2808 BRIAN COURT ELLICOTT CITY, MARYLAND 21043 410-750-6406	Reviewed for Howard S.C.D. and needs Technical Requirements <i>[Signature]</i> 3/16/94 DATE	ELECTION DISTRICT: FIRST CENSUS TRACT: 6011.01 WATER CODE: 609 SEWER CODE: 2155000	PLAT OR DEED REF. # BLOCK ZONING TAX MAP
APPROVED: _____ DATE: _____	APPROVED: _____ DATE: _____	APPROVED: _____ DATE: _____	APPROVED: _____ DATE: _____	APPROVED: _____ DATE: _____	PLAT #11003 20 R-20 31
SCALE 1" = 30'	SHEET 1 OF 1	JATE: 1/9/94	SDP 94-77		