

SEDIMENT CONTROL NOTES

- 1. 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...
2. 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 SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL', REVISIONS THERETO.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR RESTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN A 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, BIOTRENTION AREAS AND ALL SLOPES GREATER THAN 3:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
4. 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.
5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE, IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, FOR PERMANENT SEEDING (SEC. 51) SOI (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.
6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
7. SITE ANALYSIS:
TOTAL AREA OF SITE 1.57 ACRES
AREA DISTURBED .84 ACRES
AREA TO BE ROOFED OR PAVED .73 ACRES
AREA TO BE VEGETATIVELY STABILIZED .33 ACRES
TOTAL CUT 330 CY
TOTAL FILL 110 CY
OFFSITE WASTE/BORROW AREA LOCATION N/A

- 8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
9. ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
10. 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 CONTROL, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING PERMITS APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
11. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE GRADED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

PERMANENT SEEDBED PREPARATION
SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, 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 800 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARBOR OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING APPLY 400 LBS PER ACRE 30-0-0-0 UREAFORM 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. HARBOR OR DISC INTO UPPER THREE INCHES OF SOIL.

OPERATION AND MAINTENANCE SCHEDULE OF PRIVATELY OWNED AND MAINTAINED BIOTRENTION AREA
Table with columns: Description, Method, Frequency, Time of the Year. Rows include SOIL, ORGANIC LAYER, PLANTS, Watering of plant material, Replace stakes after one year, Replace any deficient stakes or wires.

SEEDING: FOR 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 MEADOW LOWGRASS. 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, OR OPTION (2) USE SOI, 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 UNROTATED 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 6 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.
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, 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).

BENCH MARKS (NAD27)

HO. CO. #1841004 ELEV. 295.392
REBAR #6 SOUTH OF EDGE OF WHISKEY BOTTOM ROAD NEAR THE INTERSECTION OF STEPHENS ROAD N 471079.018 E 843657.878
HO. CO. #1941001 ELEV. 277.873
REBAR #4 WEST OF EDGE OF STEPHENS ROAD IN FRONT OF HOUSE NO.8920 0.3' BELOW SURFACE. N 472223.19 E 843797.549

SECTION A-A

SCALE: 1" = 10'

SECTION B-B

SCALE: 1" = 5'

BIOTRENTION AREA PLAN

SCALE: 1" = 20'

GENERAL NOTES

- 1. All construction shall be in accordance with the latest standards and specifications of Howard County, plus MSHA standards and specifications, if applicable.
2. The contractor shall notify the Department of Public Works Construction Inspection Division at (410) 313-1880 at least (five) 5 working days prior to the start of work.
3. The contractor shall notify "Mesa Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
4. Project Background: Location: Tax Map 7 - Parcel 903, Zoning: RSC, Total Tract Area: 1.53 Acres, Number of Proposed Lots: 6, Date Preliminary Plan Approved: September 1995, DP2 Reference #: SP-94-26, S-94-41, P-95-31, W-94-53, W-94-103, W-95-103, W-95-103, W-95-103, W-95-19, Inc., dated May 1991, with verification supplemented by survey dated Nov. 1995. Contour interval is 2 feet.
5. Howard County monuments 1842004 & 1941001 used for horizontal and vertical datum.
6. Water and sewer for this subdivision is public. Drainage area is Little Patuxent. Contract No.24-3460-D
7. Stormwater management for this subdivision is provided under F-87-207 with water quality by Biotrention on site.
8. No floodplain or wetlands exist on site.
9. Forest Conservation Plan completed by Eco-Science Professionals, Inc., June, 1995.
10. Geotechnical Report compiled by Hillis-Carnes, Inc., November, 1995.
11. Existing utilities were located by record drawings and field run survey by TSA Group, Inc., dated November 15, 1995. Unless noted as "private" all easements are public.
12. The Forest Conservation Easement has been established to fulfill the requirements of Section 16-120D of the Howard County Code, Forest Conservation Act. No clearing, grading or construction is permitted within the Forest Conservation easement. Forest management practices as defined in the deed of Forest Conservation easement are allowed.
13. The water quality facility shown on these plans will be privately owned and maintained.
14. No clearing, grading or construction is permitted within wetland buffers or forest conservation areas.

TEMPORARY TREE PROTECTION FENCE

NOT TO SCALE

- NOTES: BLAZE ORANGE PLASTIC MESH
1. FOREST PROTECTION DEVICE ONLY.
2. BIOTRENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS. BIOTRENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICES.
3. ANCHOR POSTS SHOULD BE PLACED AT ANCHOR POINTS.
4. DEVICES SHOULD BE PROPERLY MAINTAINED DURING CONSTRUCTION. PROTECTIVE STORAGE IS ALSO REQUIRED.
5. THE WATER QUALITY FACILITY SHOWN ON THESE PLANS WILL BE PRIVATELY OWNED AND MAINTAINED.

BY THE DEVELOPER:

Professional stamps and signatures for Developer (Danm), Engineer (Donald Mason), and other officials, including dates and titles.

NO DATE REVISION

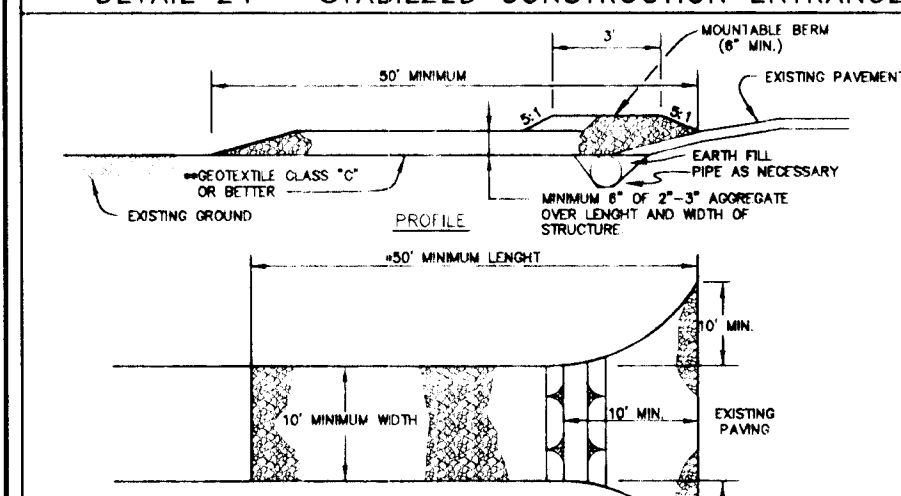
TSA GROUP, INC. planning • architecture • engineering • surveying. 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410)465-6106. Includes professional engineer seal for Donald Mason.

OWN: ALFRED HALL, 9390 WOODSONG COURT, LAUREL, MARYLAND 20723. PROJECT: ALFRED HALL PROPERTY LOTS 1 THRU 6. LOCATION: TAX MAP 47 BLOCK 22 PARCEL 903. DEVELOPER: SDC GROUP, INC., P.O. BOX 417, ELLICOTT CITY, MARYLAND 21043. DATE: DECEMBER 11, 1995. PROJECT NO. 0644.

SOILS CLASSIFICATION

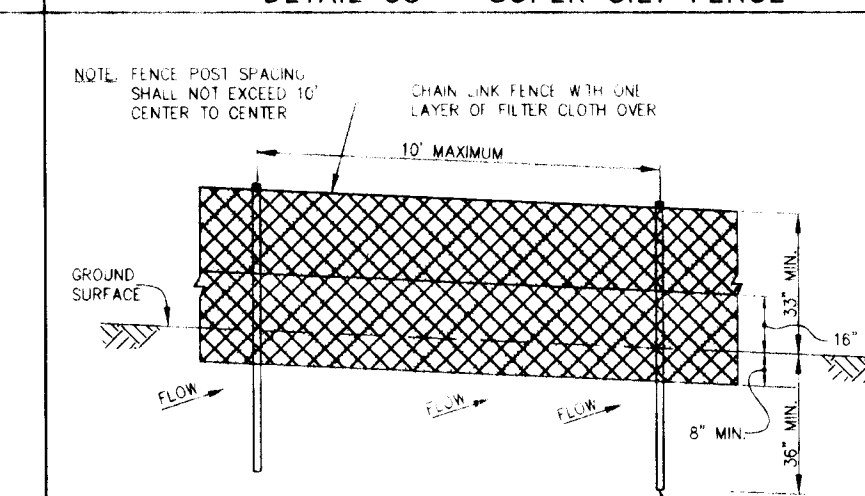
BeB2 - Beltsville silt loam, 1 to 5 percent slopes, moderately eroded 'B' soil.
CmB2 - Chillum silt loam, 1 to 5 percent slopes, moderately eroded 'B' soil.
L1 - Leonardtown silt loam, 'D' soil.

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



Construction Specifications:
1. Length - minimum of 50' (430' for single residence lot).
2. Width - 10' minimum, should be fitted at the existing road to provide a turning radius.
3. Gate fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The stone shall be placed over the gate fabric.
4. Stone - cleaned aggregate (2" to 4") of rock or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
5. Surface water - all surface water flowing to or diverted toward construction entrances shall be spread through the entrance, maintaining positive drainage. Pipe must extend through the stabilized construction entrance shall be protected with a required berm with 5:1 slopes and a minimum of 4" of stone over the pipe. Pipe to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.

DETAIL 33 - SUPER SILT FENCE

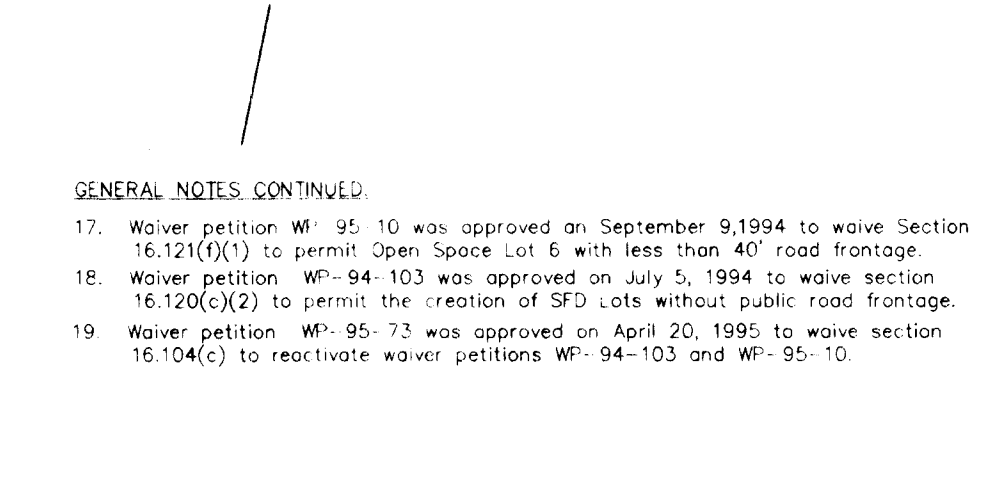


CONSTRUCTION SPECIFICATIONS:
1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6" fence shall be used, substituting 42" fabric and 6" length posts.
2. Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and fruss rods, drive anchors and post caps are not required except on the ends of the fence.
3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section, or when it reaches 50% of fence height.
4. Filter cloth shall be embedded a minimum of 6" into the ground.
5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
6. Maintenance shall be performed as needed and silt buildup removed when "buijes" develop in the silt fence, or when it reaches 50% of fence height.
7. Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for Geotextile Class F:
Tensile Strength 50 lbs/in (min.) Test: MSMT 509
Tensile Modulus 20 lbs/in (min.) Test: MSMT 508
Flow Rate 0.5 g5/min (max.) Test: MSMT 322
Filtering Efficiency 75% (min.) Test: MSMT 322

SUPER SILT FENCE

SUPER SILT FENCE DESIGN CRITERIA table with columns: Slope, Slope Steepness, Slope Length (maximum), Silt Fence Length (maximum). Rows show design parameters for slopes from 0-10% to 33%+.

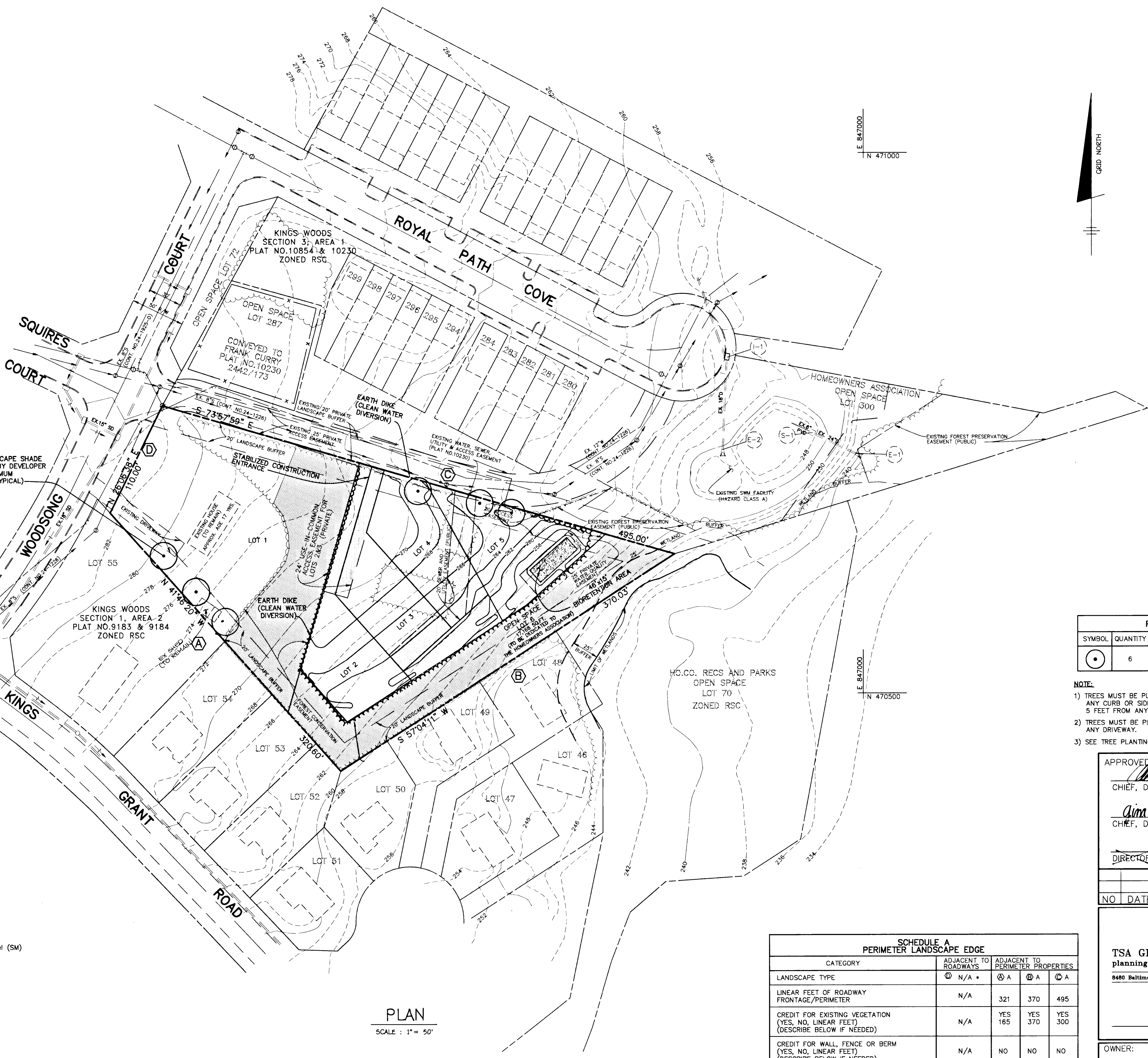
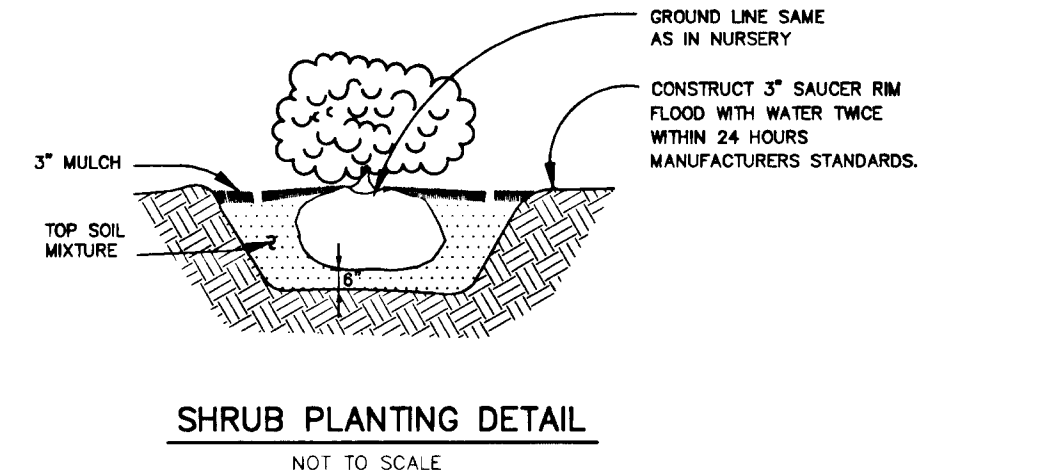
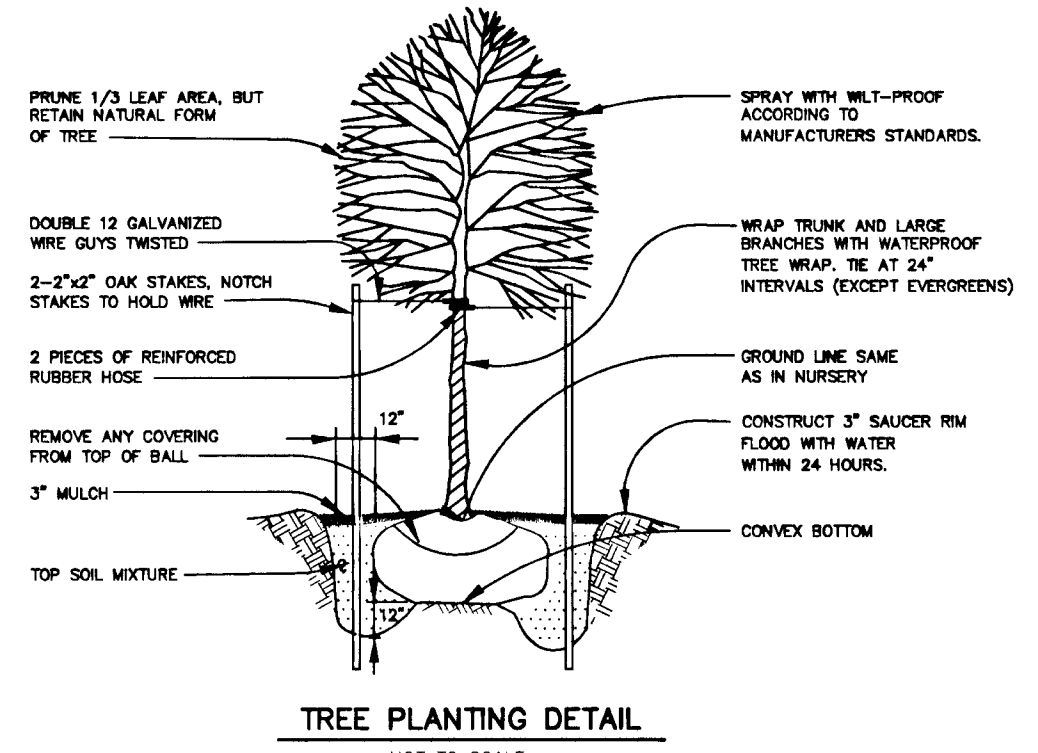
DETAIL 1 - EARTH DIKE



CONSTRUCTION SPECIFICATIONS:
1. Seed and cover with straw mulch.
2. Seed and cover with Erosion Control Matting or line with sod.
3. 4" - 7" stone or recycled concrete equivalent pressed into the soil 7" minimum.
4. All temporary earth dikes shall have unimproved positive grade to an outlet. Spot elevations may be necessary for grades less than 1:2.
5. Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device.
6. Runoff diverted from an undisturbed area shall outlet directly into an undisturbed, stabilized area at a non-erosive velocity.
7. All trees, brush, stumps, obstructions, and other objectional material shall be removed and disposed of so as not to interfere with the proper functioning of the dike.
8. The dike shall be excavated or shaped to line, grade and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.
9. Fill shall be compacted by earth moving equipment.
10. All earth removed and not needed for construction shall be placed so that it will not interfere with the functioning of the dike.
11. Inspection and maintenance must be provided periodically and after each rain event.

SEQUENCE OF CONSTRUCTION

- DAY 1 - OBTAIN UNPAID PERMITS.
DAY 2-6 - INSTALL STABILIZED CONSTRUCTION ENTRANCE, CLEAR AND GRUB AS NEEDED TO INSTALL PERIMETER CONTROL. INSTALL TREE PROTECTION FENCE, EARTH DIKE & SUPER SILT FENCE AROUND PERIMETER.
DAY 7-16 - CLEAR AND GRUB REMAINDER OF SITE. GRADE SITE, AND STABILIZE SITE EXCEPT FOR THE BIOTRENTION AREA. IN ACCORDANCE WITH PERMANENT SEEDBED NOTES.
DAY 17-20 - INSTALL PHASE 2 SILT FENCE AROUND BIOTRENTION AREA. EXCAVATE FOR AND CONSTRUCT BIOTRENTION AREA. STABILIZE SITE WITH PERMANENT STABILIZATION.
DAY 21-24 - UPON APPROVAL OF THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS, SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE ANY REMAINING DISTURBED AREAS WITH PERMANENT STABILIZATION.



**TEST PIT LOGS**

TP-1 Elevation 264.1  
 0.0' - 0.75' Topsoil and rootmat.  
 0.75' - 3.0' Tan moist silty sand with gravel (SM)  
 3.0' - 5.0' Orange brown, tan, moist silty sand, little clay with gravel (SM)  
 5.0' - 10.0' Orange brown, moist to dry fine to medium sand, some silt and gravel (SM)  
 10.0' Bottom of pit  
 No water encountered, infiltration test at 6.0', infiltration rate 0.125 in/hr.

TP-2 Elevation 264.2  
 0.0' - 0.5' Topsoil and rootmat.  
 0.5' - 2.5' Tan moist silty sand with gravel (SM)  
 2.5' - 5.0' Orange brown, tan moist silty sand with clay seams, little gravel (SM)  
 5.0' - 10.0' Orange brown, tan moist to dry fine to medium sand, little silt (SM)  
 10.0' Bottom of pit  
 No water encountered, infiltration test at 6.0', infiltration rate 0.125 in/hr.

TP-3 Elevation 268.0  
 0.0' - 0.75' Topsoil and rootmat.  
 0.75' - 3.5' Tan moist silty sand with little clay and gravel (SM)  
 3.5' - 5.0' Tan moist silty sand and gravel (SM-GM)  
 5.0' - 10.0' White, gray dry silty clay with some fine sand (CL-ML)  
 10.0' Bottom of pit  
 No water encountered, infiltration test at 6.0', infiltration rate 0.000 in/hr.

TP-4 Elevation 258.5  
 0.0' - 0.83' Topsoil and rootmat.  
 0.83' - 4.0' Tan moist clayey sand with gravel (SC)  
 4.0' - 5.0' Brown moist sand and gravel with silt (SM-GM)  
 5.0' - 8.0' Brown, tan moist to dry silty sand with clay seams and iron cemented sand (SM)  
 8.0' - 10.0' White, gray dry fine to medium sand, some silt (SP-SM)  
 10.0' Bottom of pit  
 No water encountered, infiltration test at 6.0', infiltration rate 0.875 in/hr.

PLAN  
SCALE: 1" = 50'

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPING MANUAL. FINANCIAL SURETY FOR THE REQUIRED 6 LANDSCAPE TREES IN THE AMOUNT OF \$600.00 IS PART OF THE DEVELOPERS AGREEMENT.

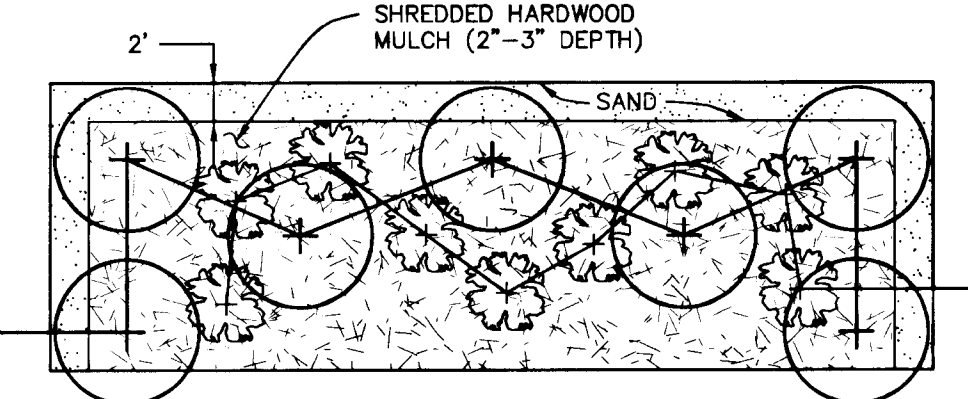
**MATERIAL SPECIFICATIONS FOR BIORETENTION AREA**  
**PLANTING SOIL**  
 The bioretention areas shall consist of a planting soil having a composition of at least 10 to 25 percent clay and shall be of a sandy loam or loamy sand texture. Loamy soils may be utilized for the planting soil but must consist of 25% sand. In addition, the furnished planting soil shall be of uniform composition, free of stones, stumps, roots or similar objects larger than one inch, brush, or any other material or substance which may be harmful to plant growth, or a hindrance to planting or maintenance operations.

The planting soil shall be free of plants or plant parts of Bermuda grass, Quack grass, Johnson grass, Mugwort, Nutsedge, Poison Ivy, Canadian Thistle or others as specified.  
 It shall not contain toxic substances harmful to plant growth.  
 The planting soil shall be tested and meet the following criteria:  
 pH range 5.5 - 6.5  
 Organic matter 1.5 - 3.0%  
 Magnesium - Mg 35 lbs./acre  
 Phosphorus - P2O5 100lbs./acre  
 Potassium - K2O 85 lbs./acre  
 Soluble salts not to exceed 500ppm

The following testing frequencies shall apply to the above soil constituents:  
 PH, Organic Matter: 1 test per 90 cubic yards, but no more than 1 test per Bioretention area.  
 Magnesium, Phosphorus, Potassium, Soluble Salts: 1 test per 500 cubic yards, but not less than 1 test per borrow source  
 One grain size analysis shall be performed per 90 cubic yards of planting soil, but no less than 1 test per Bioretention Area.

**MULCH LAYER SPECIFICATIONS**  
 A mulch layer approximately 2"-3" in depth shall be provided on top of the planting soil. An acceptable mulch layer shall include shredded hardwood or shredded wood chips.  
 Of the approved mulch products all must be well aged, uniform in color, and free of foreign material including plant material. Well aged mulch is defined as mulch that has been stockpiled or stored for at least twelve (12) months.

**SAND SPECIFICATIONS**  
 The sand shall be free of deleterious material and rocks greater than 1 inch in diameter.  
**COMPACTION**  
 Soil shall be placed in lifts less than 18 inches and lightly compacted (minimal compactive effort) by tamping with a bucket from a dozer or a backhoe.



**PLANTING LIST FOR THE BIORETENTION AREA**

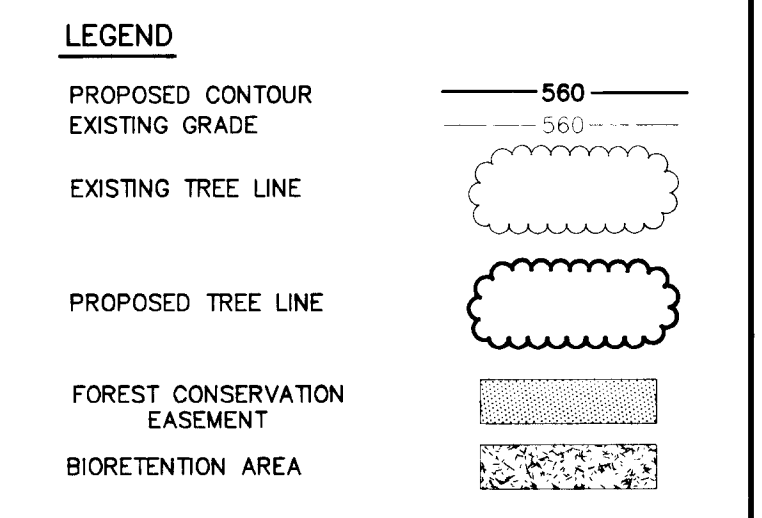
SYMBOL	QUANTITY	NAME	REMARKS
(+)	7	ACER RUBRUM (RED MAPLE)	2 1/2" MIN. CAL B&B FULL HEAD
(*)	9	JUNIPERUS HORIZONTALIS (CREEPING JUNIPER)	18" TO 24" SPREAD

\* PLANTING TABULATION:  
 TREES : (450-650/AC.) USE 550/AC (AVER.)x0.0158 AC.=9 TREES  
 TREES PROVIDED: 7  
 SHRUBS : (200-450/AC.) USE 325/AC (AVER.)x0.0158 AC.=5 SHRUBS  
 SHRUBS PROVIDED: 5+4 (2:1 SUBSTITUTION FOR TREES)  
 \* - TABULATIONS BASED ON INFORMATION PROVIDED BY BIOHABITATS, INC.

**PLANTING LIST**

SYMBOL	QUANTITY	NAME	REMARKS
(*)	6	ACER SACCHARUM (SUGAR MAPLE)	2 1/2" MIN. CAL B&B FULL HEAD

- NOTE:**
- TREES MUST BE PLANTED A MINIMUM OF 4 FEET FROM ANY CURB OR SIDEWALK AND MUST BE A MINIMUM OF 5 FEET FROM ANY STORM DRAIN.
  - TREES MUST BE PLANTED A MINIMUM OF 10 FEET FROM ANY DRIVEWAY.
  - SEE TREE PLANTING DETAIL - THIS SHEET.



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*Howard*  
CHIEF, DEVELOPMENT ENGINEERING DIVISION

*Anna*  
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

*Director*  
DIRECTOR

DATE: 5/23/96

NO. DATE REVISION

**SCHEDULE A PERIMETER LANDSCAPE EDGE**

CATEGORY	ADJACENT TO ROADWAYS	ADJACENT TO PERIMETER PROPERTIES
LANDSCAPE TYPE	N/A	321 370 495
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	N/A	YES 165 YES 370 YES 300
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	N/A	NO NO NO
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	N/A	NO NO NO
NUMBER OF PLANTS REQUIRED SHADE TREES EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTE) SHRUBS	N/A	3 0 3
NUMBER OF PLANTS PROVIDED SHADE TREES EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTE) SHRUBS (10:1 SUBSTITUTE) (DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)	N/A	- - -

**TSA GROUP, INC.**  
 planning • architecture • engineering • surveying  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410)466-8105

*Ronald*  
Ronald M. Mason, P.E.

OWNER: ALFRED HALL  
9390 WOODSONG COURT  
LAUREL, MARYLAND 20723

DEVELOPER: SDC GROUP, INC.  
P.O. BOX 417  
ELLCOTT CITY, MARYLAND 21043

PROJECT: ALFRED HALL PROPERTY  
LOTS 1 THRU LOT 6

LOCATION: TAX MAP 47 BLOCK 22 PARCEL 003  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

TITLE: LANDSCAPING PLAN AND DETAILS

DATE: DECEMBER 11, 1995  
MARCH 20, 1996

PROJECT NO. 0644

SCALE: AS SHOWN

DRAWING 2 OF 2