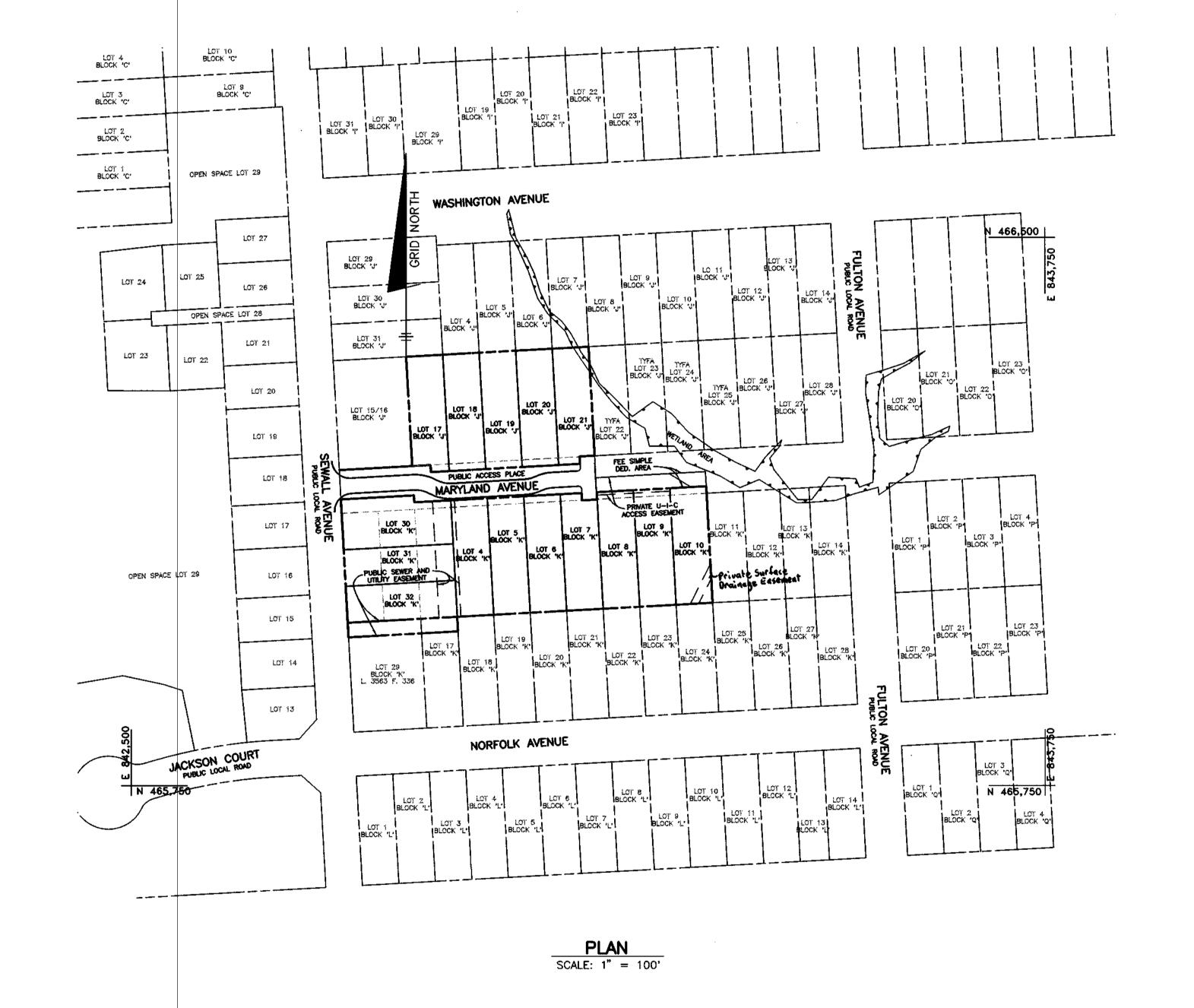
# **GENERAL NOTES**

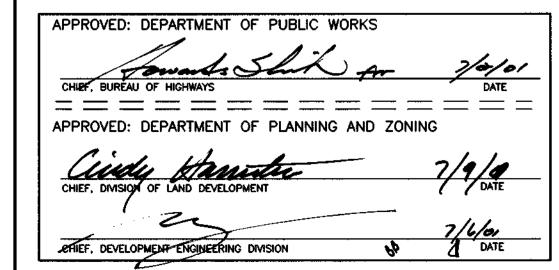
- 1. All construction shall be in accordance with the latest standards and specifications of Howard County, plus MSHA standards and specifications, if applicable.
- 2. The contractor shall notify the Department of Public Works Construction Inspection Division at (410) 313—1880 at least 5 (five) working days prior to the start of work.
- 3. The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
- 4. Project Background:

   Location: Tax Map 50 Block 3 Parcel 426
   Zoning: R-SC
   Total Tract Area: 2.79 Ac.±
   Number of Existing Lots: 15\*
   \*Plat was recorded in approximately 1898 as Plat No. 61/470.
- Traffic control devices, markings and signing shall be in accordance with the most current edition of the Manual on Uniform traffic Control Devices (MUTCD).
   All street and regulatory signs shall be in place prior to the placement of any asphalt.
- 6. Topography taken from field run survey performed by TSA Group, Inc. in 3/96. Contour interval is 2 feet.
- 7. Howard County monuments 1741003 and 1741002—R (nad 27) were used for horizontal and vertical datum.
- Water and Sewer for this subdivision is public and will be granted under the provisions of section 18.122.B of the Howard County Code. The water and sewer contract number is 24-3936-D and its drainage area is the Patuxent watershed.
- 9. Stormwater Management quantity and qualtiy control is provided by the existing stormwater management facilities constructed under F-92-76 and F-98-05
- 10. Wetland delineation compiled by Eco-Science Professionals, Inc. dated 10/11/2000. With the exception of lot 21 there are no wetlands or 100-year floodplain
- 11. Forest Conservation is not required for this project since the lots were created by deed prior to the adoption of the Forest Conservation Act and no additional lots are being created.
- 12. A Traffic Study is not required for this property.
- 13. Existing utilities were located by record drawings and field locations. Contractor shall verify location of utilities prior to construction.
- 14. Unless noted as "private" all easements are public
- 15. There are no existing buildings on the site.
- 16. There are no previous Department of Planning and Zoning reference numbers.
- 17. Street lights will be required in this development in accordance with the Design Manual. Street light placement and the type of fixture and pole selected shall be in accordance with the latest Howard County Design Manual, Volume III (1993) and as modified by "Guidelines Street Lights in Residential Developments (June, 1993)." The June 1993 policy includes guidelines for lateral and longitudinal placement. A minimum spacing of 20' shall be maintained between street lights and any tree. Street lights for this subdivision shall be "Colonial" HPS post top fixtures on black fiberglass poles located as shown on this plan.
- 18. Street trees for Maryland Avenue as shown on these plans shall be provided by the developer in accordance with section 16.124 of the Howard County Code and Landscape Manual. Financial surety for the required street trees shall be made part of the Developer's Agreement in the amount of \$5,400.00.
- 19. All handicap ramps shall be in accordance with Howard County Standard Detail R-4.03 and all current ADA requirements.
- 20. A Use-In-Common Driveway Maintenance Agreement for lots 8 10 block 'K' will be recorded by the developer in the Land Records Office of Howard County.
- 21. All plan dimensions are to face of curb unless otherwise noted.
- 22. No disturbance is permitted within the wetland or wetland buffer shown on
- 23. All road fills shall be compacted to 95% as determined by AASHTO T-180.
- 24. For lots 8, 9, and 10, refuse collection, snow removal and road maintenance are to be provided at the junction of the use—in—common driveway and the Maryland Avenue Tee—turnaround.
- 25. Driveways shall be provided prior to residential occupancy to insure safe access for fire and emergency vehicles per the following minimum requirements:
  - a) width 12' (14' serving more than one residence).
  - b) surface -6" of compact crusher run base with tar and chip coating.
  - c) geometry maximum 15% grade, maximum 10% grade change and minimum 45' turning radius.
  - d) structures (culverts/bridges) capable of supporting 25 gross tons (H25 loading)
  - e) drainage elements capable of safely passing 100 year floodplain with no more than 1 foot depth over driveway.
  - f) structure clearances minimum 12 feet.
  - g) maintenance sufficient to insure all weather use.

# ROAD CONSTRUCTION PLANS NORTH LAUREL PARK

BLOCK 'J' LOTS 17-21 AND BLOCK 'K' LOTS 4-10, 17 AND 29-32
6th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND





SHEET INDEX			
NO.	DESCRIPTION		
1	TITLE SHEET		
2	ROAD PLAN, PROFILE AND LANDSCAPE PLAN		
3	DRAINAGE AREA MAP		
4	GRADING, SEDIMENT AND EROSION CONTROL PLAN		
5	SEDIMENT CONTROL NOTES AND DETAILS		

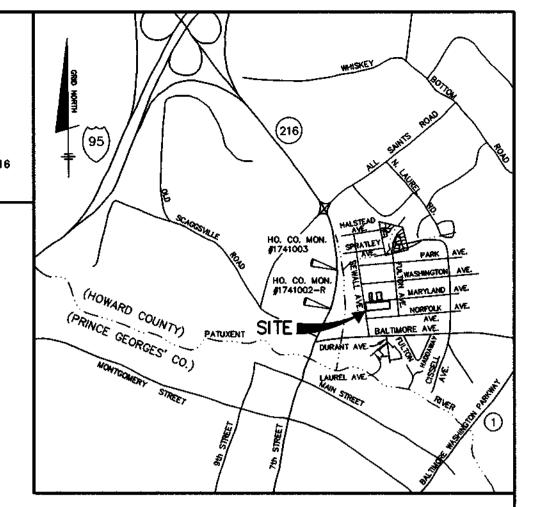
BENCH MARKS NAD 27

HO. CO. #1741003 NAD 27

CONCRETE MONUMENT ON WEST SIDE OF ROUTE 216 AND 0.2' BELOW SURFACE

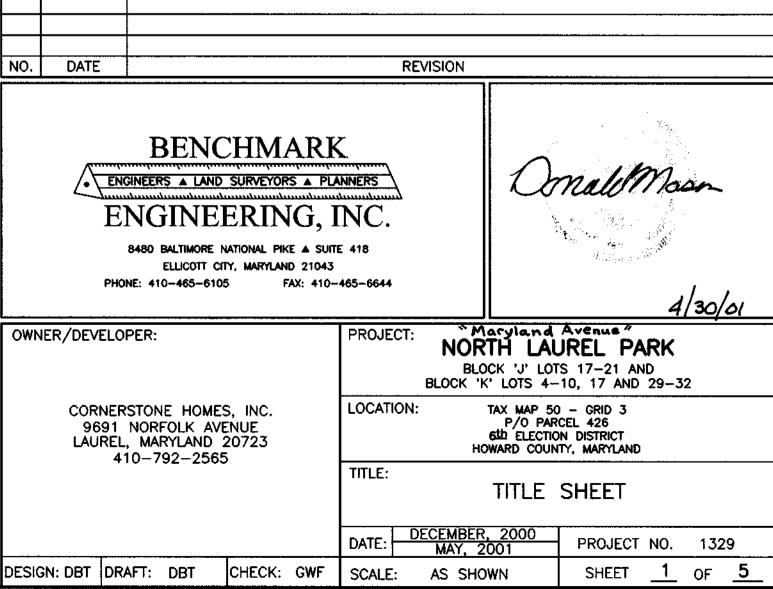
FLEV 198 395

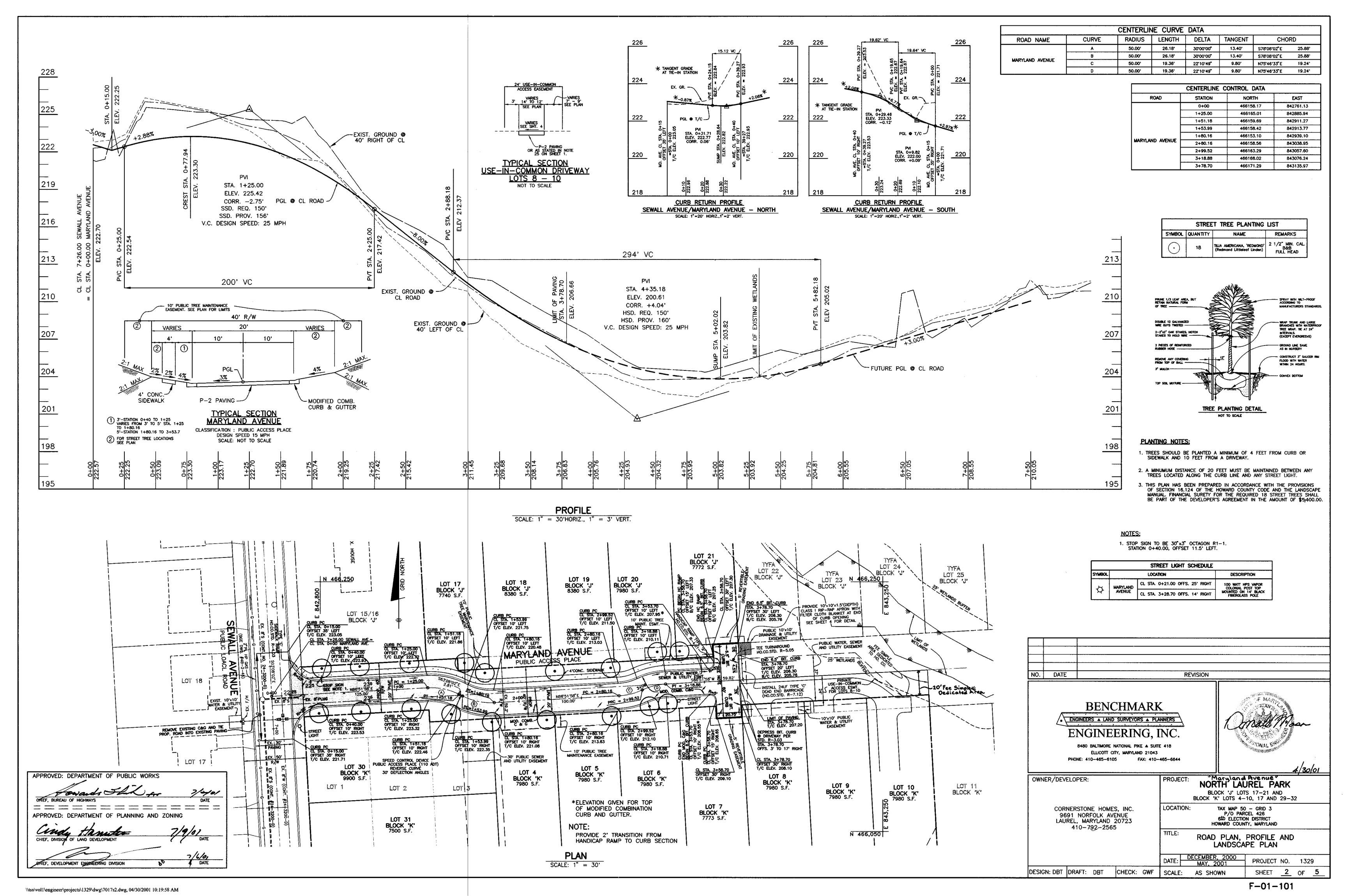
HO. CO. #1741002-R NAD 27
CONCRETE MONUMENT ON TOP OF BANK
EAST OF EAST EDGE OF MAC. OF ROUTE 216
FLUSH WITH SURFACE
ELEV. 197.368

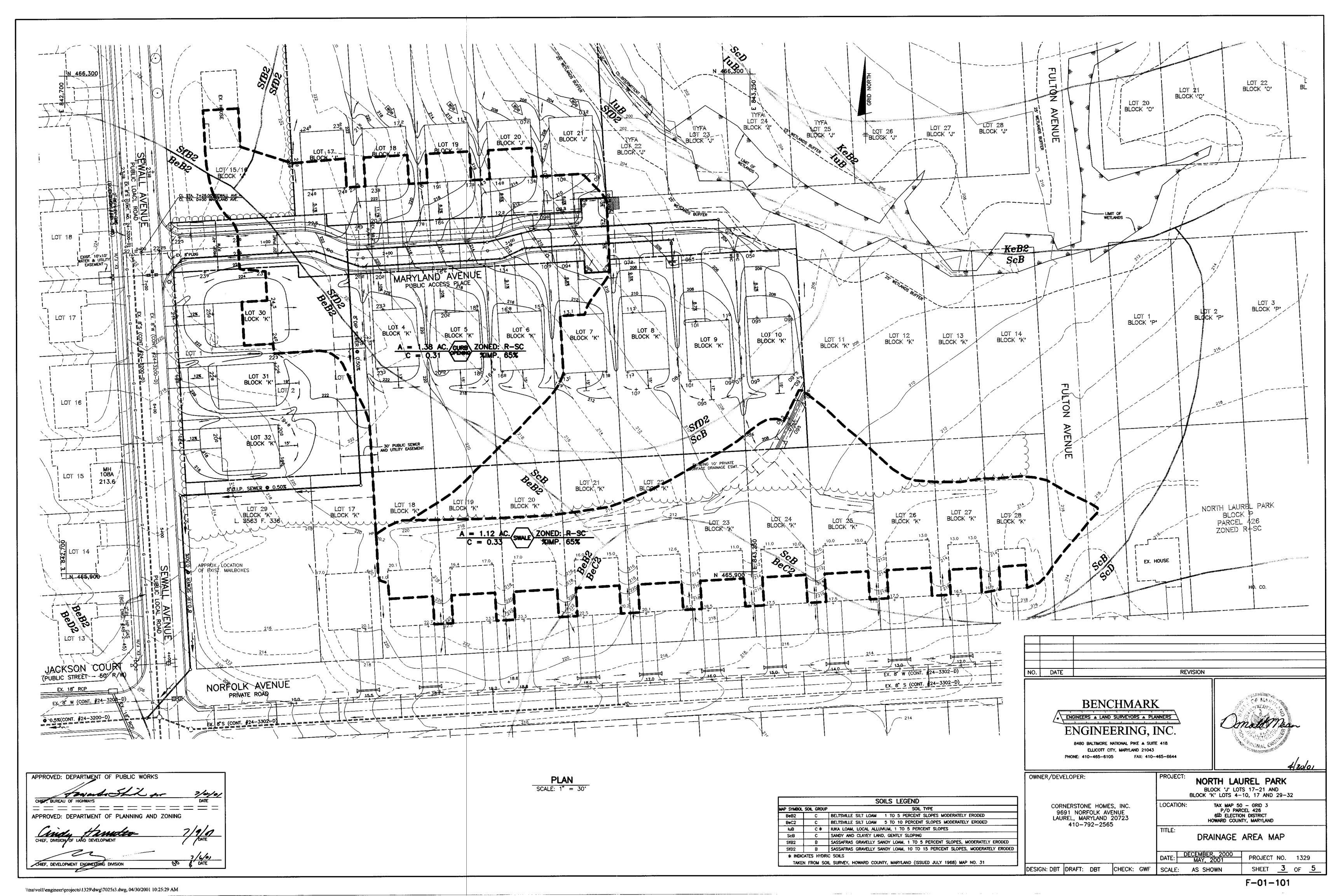


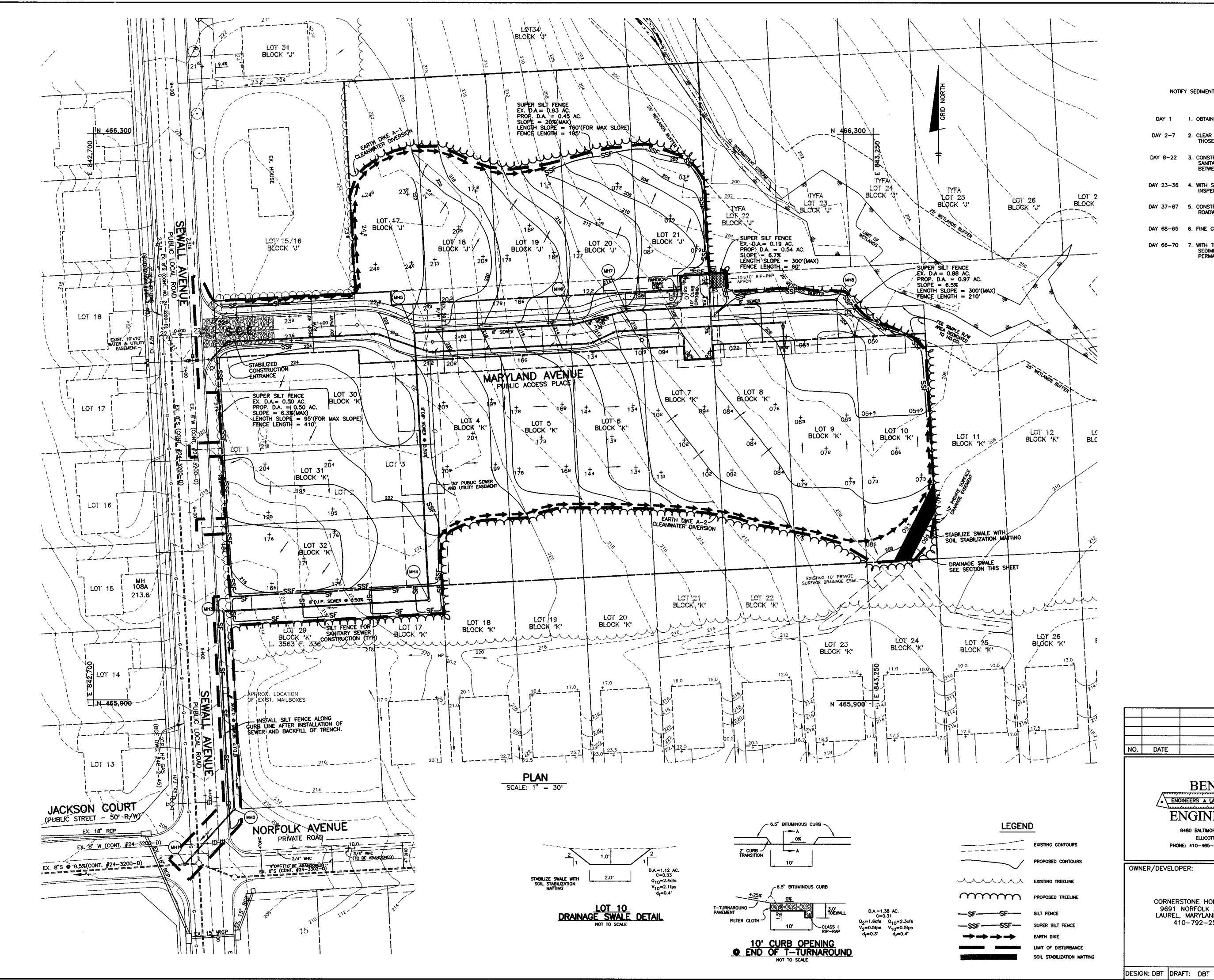
VICINITY MAP

SCALE: 1" = 2000'









#### SEQUENCE OF CONSTRUCTION NOTIFY SEDIMENT CONTROL DIVISION 48 HOURS PRIOR TO START OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.

2. CLEAR AND GRUB AS REQUIRED TO INSTALL SEDIMENT CONTROL DEVICES AND INSTALL THOSE DEVICES.

3. CONSTRUCT AND STABILIZE DRAINAGE SWALE IN REAR OF LOT 10. CONSTRUCT SANITARY SEWER LINE FROM MH108A TO MH2 AND STABILIZE DISTURBED AREA BETWEEN MH108A AND MH1.

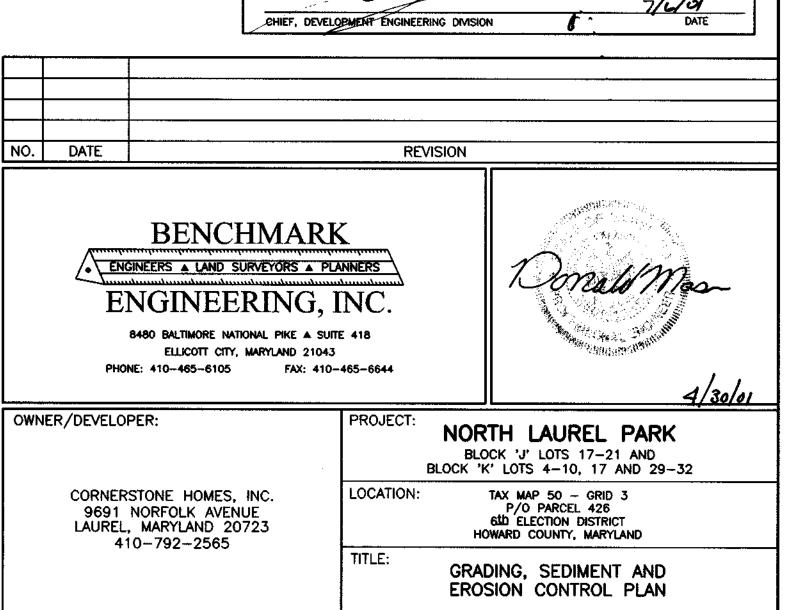
DAY 23-36
4. WITH SEDIMENT CONTROLS IN PLACE AND WITH PERMISSION OF SEDIMENT CONTROL INSPECTOR CLEAR AND GRUB SITE, ROUGH GRADE AND STABILIZE AS REQUIRED.

DAY 37-67 5. CONSTRUCT REMAINDER OF SANITARY SEWER LINE, CONSTRUCT WATER LINE AND

DAY 68-65 6. FINE GRADE ANY REMAINING AREAS AND PERMANENTLY STABILIZE ALL DISTURBED AREAS.

7. WITH THE APPROVAL OF THE HOWARD COUNTY SEDIMENT COMTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE ALL REMAINING DISTURBED AREAS WITH PERMANENT STABILIZATION.

"I HEREBY CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION 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."
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
Dm. WMan
ENGINEER - DONALD A. MASON, P.E. # 21443 DATE
DEVELOPER'S CERTIFICATE
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT FOR SEDIMENT AND EROSION CONTROL. AND THAT ALL 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."
B D By 6/4/01
DEVELOPER O
REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS
USE - NATURAL RESOURCES CONSERVATION SERVICE DATE
Mh
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
ohn Mornison 4/22/4
HOTARD SCD DATE
APPROVED: DEPARTMENT OF PUBLIC WORKS
1.3/1
CHIEF, BUREAU OF HIGHWAYS DATE
APPROVED: DEPARTMENT OF PLANNING AND ZONING
Circles Harreto 7/9/01
CHIEF, DIVISION OF LAND DEVELOPMENT 85 DATE
7/4/01
CHIEF, DEVELOPMENT ENGINEERING DIVISION 6 DATE



SCALE: AS SHOWN

CHECK: GWF

PROJECT NO. 1329

SHEET 4 OF 5

### 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
- 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
- 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
- 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 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.

#### 7. SITE ANALYSIS:

TOTAL AREA OF SITE	ACRES
AREA DISTURBED	2.73 ACRES
AREA TO BE ROOFED OR PAVED	0.22 ACRES
AREA TO BE VEGETATIVELY STABILIZED	2.51 ACRES
TOTAL CUT	2352 CY
TOTAL FILL	2508 CY
7 7 7 THE 1 PM	

SITE WITH APPROVED

- SED. CONTROL PLAN 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.

OFFSITE WASTE AREA LOCATION

- 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 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,

# TEMPORARY SEEDBED PREPARATIONS

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM

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

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 (.07 LBS/1000 SQ FT). FOR THE PERIOD NOVEMBER 16 THROUGH 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.

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

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED SMALL GRAIN 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 GÁLLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

# PERMANENT SEEDBED PREPARATIONS

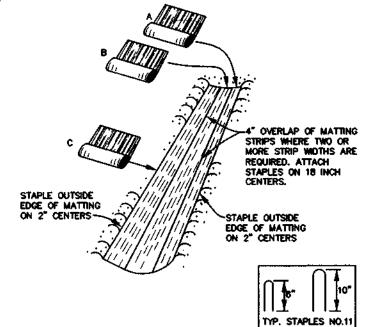
SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED. SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ON OF THE FOLLOWING SCHEDULES:

- 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
- 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 (.05 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 SOD. 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 GRAIN 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.



CONSTRUCTION SPECIFICATIONS

- 1. KEY-IN THE MATTING BY PLACING THE TOP ENDS OF THE MATTING IN A NARRO TRENCH. 6" IN DEPTH. BACKFILL THE TRENCH AND TAMP FRIMLY TO CONFORM TO THE CHANNEL CROSS-SECTION. SECURE WITH A ROW OF STAPLES ABOUT 4" DOWN SLOPE FROM THE TRENCH. SPACING BETWEEN STAPLES IS 6".
- 2. STAPLE THE 4" OVERLAP IN THE CHANNEL CENTER USING AN 18" SPACING BETWEEN STAPLES.
- 3. BEFORE STAPLING THE OUTER EDGES OF THE MATTING, MAKE SURE THE MATTING IS SMOOTH AND IN FIRM CONTACT WITH THE SOIL.
- 4. STAPLES SHALL BE PLACED 2' APART WITH 4 ROWS FOR EACH STRIP, 2 OUTER ROWS, AND 2 ALTERNATING ROWS DOWN THE CENTER.
- 5. WHERE ONE ROLL OF MATTING ENDS AND ANOTHER BEGINS, THE END OF THE TOP STRIP SHALL OVERLAP THE UPPER END OF THE LOWER STRIP BY 4", SHIPLAP FASHION. REINFORCE THE OVERLAP WITH A DOUBLE ROW OF STAPLES SPACED 6" APART IN A
- 6. THE DISCHARGE END OF THE MATTING LINER SHOULD BE SIMILARLY SECURED WITH WITH 2 DOUBLE ROWS OF STAPLES.
- NOTE: IF FLOW WILL ENTER FROM THE EDGE OF THE MATTING THEN THE AREA EFFECTED BY THE FLOW MUST BE KEYED-IN.

SOIL STABILIZATION MATTING

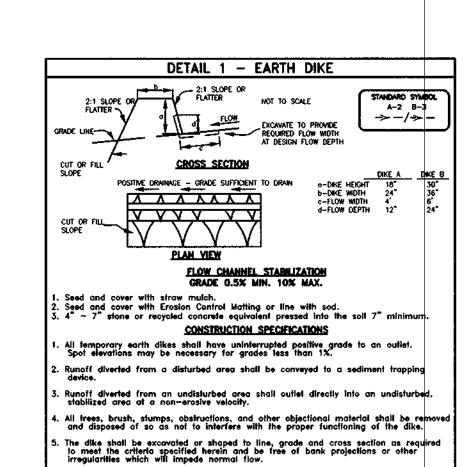
## TOPSOIL SPECIFICATIONS

- Topsoil salvaged from the existing site may be used provided that it meets that standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experimental Station.
- Topsoil Specifications Soil to be used as topsoil must meet the following:
- Topsoil shall be a loam, sandy loam, clay loam, sitt loam, sondy clay loam, loamy sond. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting texture subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1—1/2° in diameter.
- Topsoil must be free of plants or plant parts such as Bermuda grass, quack grass, Johnson grass, nutsedge, poison ivy, thistle, or others as specified.
- iii. Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.
- III. For sites having disturbed areas under 5 acres:
- Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization Section I Vegetative Stabilization Methods and Materials.

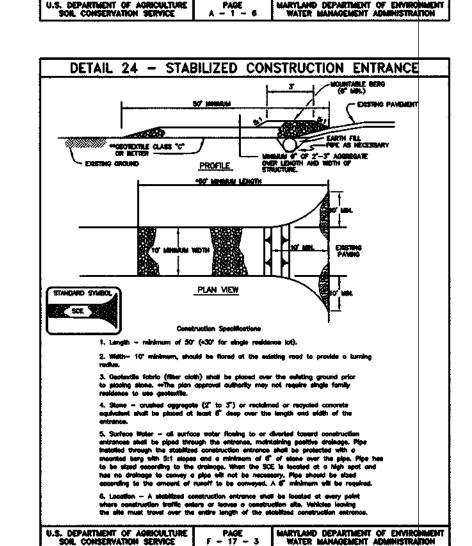
#### IV. For sites having disturbed areas over 5 acres:

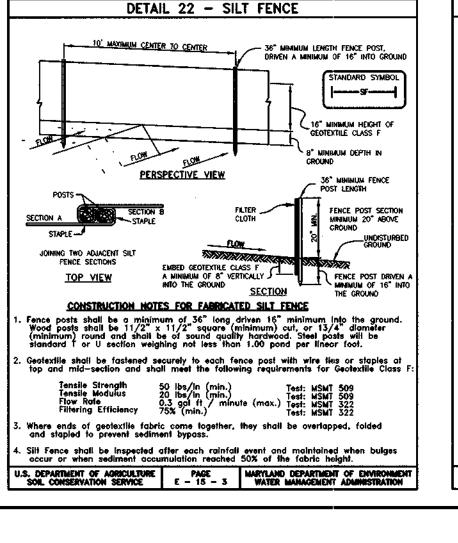
- On soil meeting Topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following:
- a. pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates α pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.
- b. Organic content or topsoil shall be not less than 1.5 percent by weight.
- Topsoil having soluble salt content greater than 500 parts per million shall not be used.
- d. No sod or seed shall be placed on soil which has been treated with soil sterilants or chemicals used for weed control until sufficient time has elapsed (14 days min.) to permit dissipation of phyto—taxic materials.
- Note: Topsoil substitutes or amendments, as recommended by a qualified agronomist o soil scientist and approved by the appropriate approval authority, may be used in lieu of
- Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization Section I Vegetative Stabilization Methods and Materials.

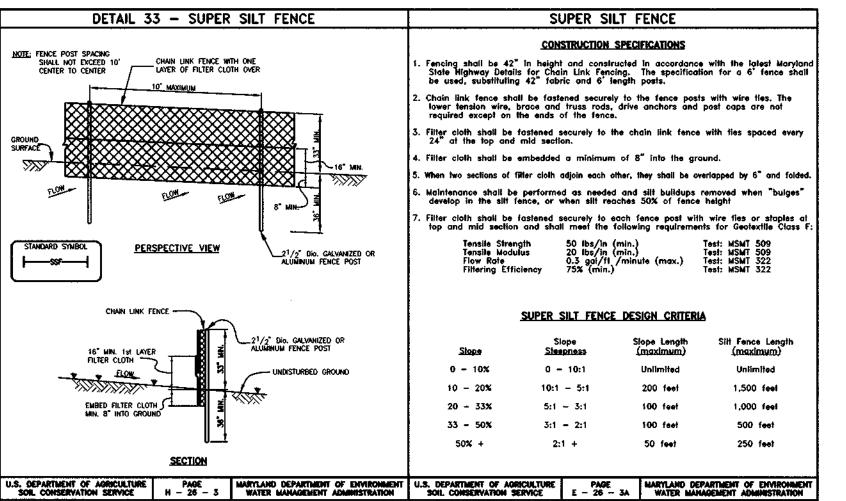
- When topsoiling, maintain needed erosion and sediment control practices such as diversions, grade stabilization structures, earth dikes, slope silt fence and sediment trape and basins.
- iii. Topsoil shall be uniformly distributed in a 4" 8" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sadding or seeding can proceed with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water nothers.
- iv. Topsoit shall not be placed while the topsoil or subsoil is in a frozen or muddy condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation.
- VI. Alternative for Permanent Seeding Instead of applying the full amounts of time and commercial fertilizer, composted studge and amendments may be applied as specified
- Composted Sludge Material for use as a soil conditioner for sites having distributed areas over 5 acres shall be tested to prescribe amendments and for sites having disturbed areas under 5 acres shall conform to the following requirements:
- Composted sludge shall be supplied by, or originate from, a person or persons that are permitted (at the time of acquisition of the compost) by the Maryland Department of the Environment under COMAR 26.04.06.
- Composted sludge shall contain at least 1 percent nitrogen, 1.5 percent phosphorus, and 0.2 percent potassium and have a pH of 7.0 to 8.0. It compost does not meet these requirements, the appropriate constituents must be added to meet the requirements prior to use.
- c. Composted studge shall be applied at a rate of 1 tan/1,000 square feet References: Guidelines Specifications, Soil Preparation and Sodding. MD—VA. Pub. #1, Cooperative Extension Service, University of Maryland and Virginia Polytechnic Institutes, Revised 1973.

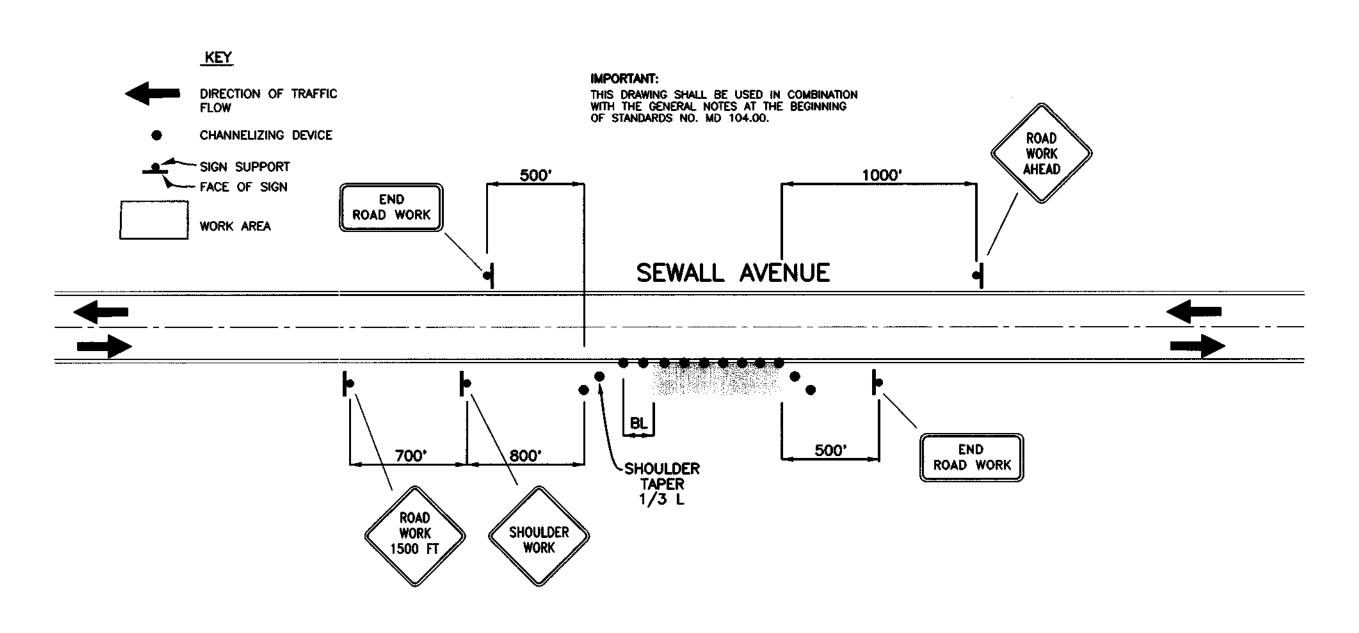


i. Fill shall be compacted by earth moving equipment.

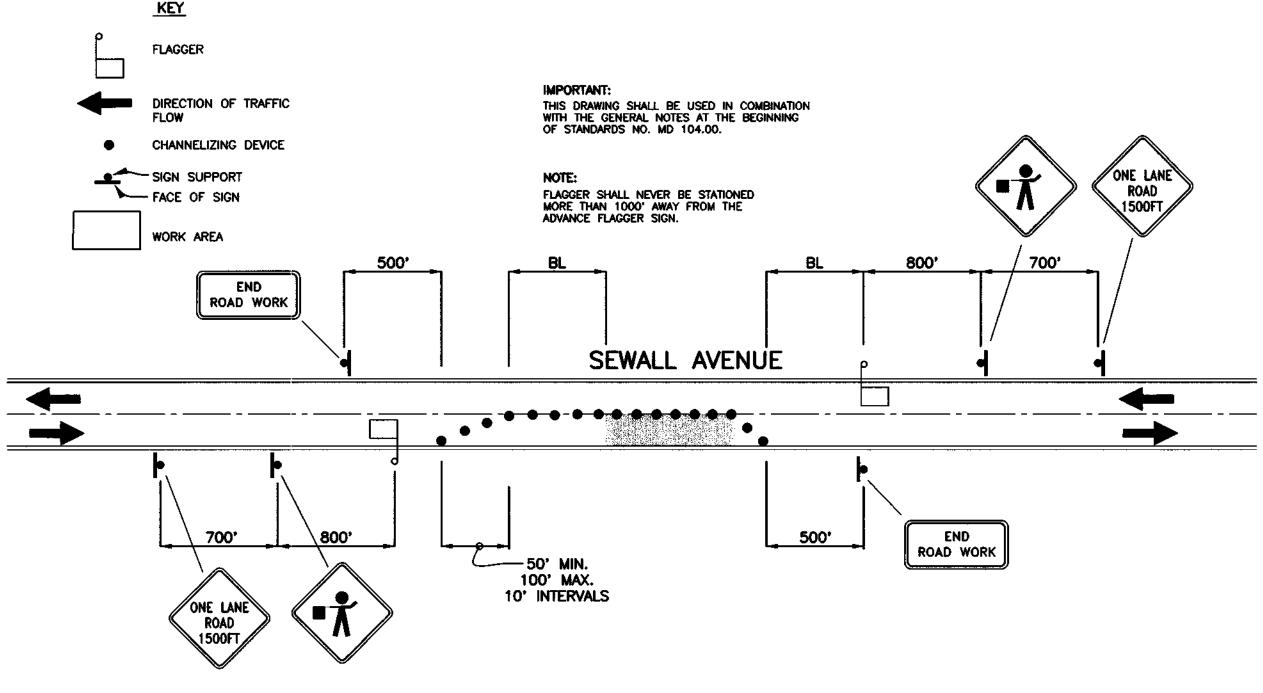




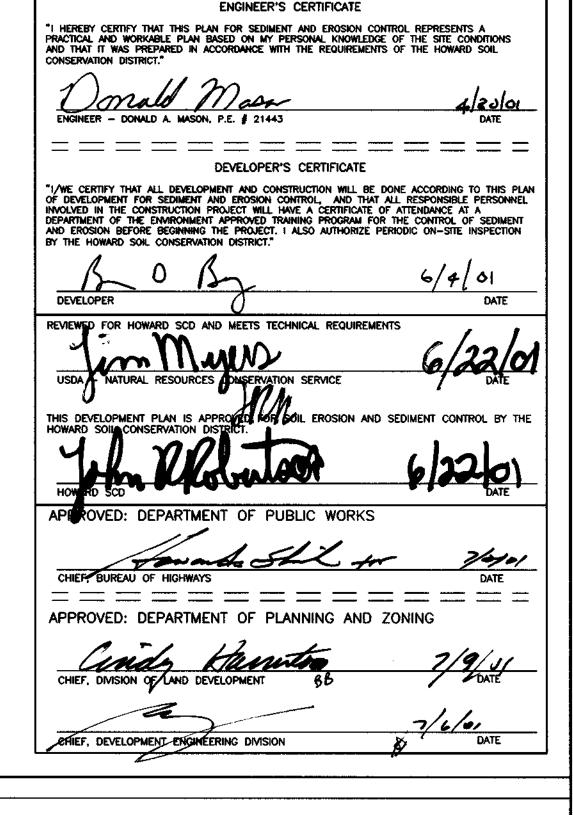


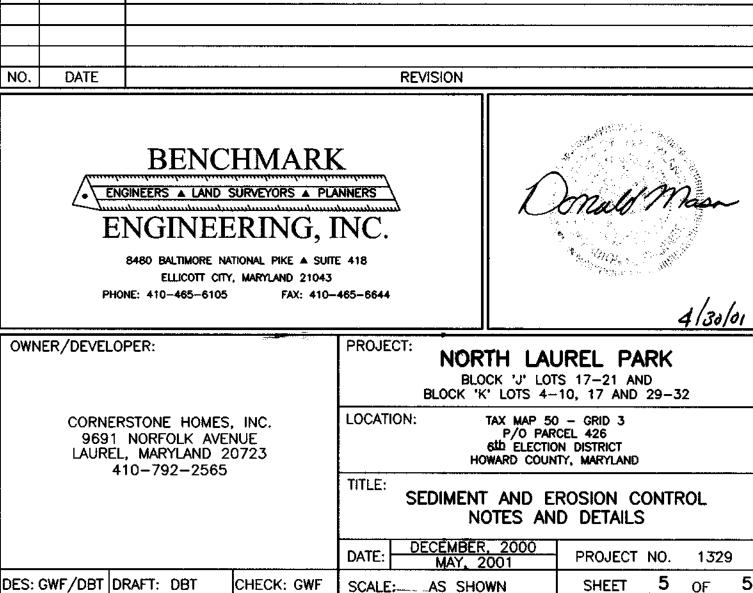


(STANDARD NO. MD 104.04-02) TEMPORARY TRAFFIC CONTROL PLAN NOT TO SCALE:



(STANDARD NO. MD 104.31-02) TEMPORARY TRAFFIC CONTROL PLAN





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