# GENERAL NOTES

### PART1 - GENERAL

- 1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer at the Contractor's expense.
- All horizontal controls are based on Maryland State Coordinates.
- All vertical controls are based on U.S.G.S. data. All pipe elevations shown are invert elevations.
- Clear all utilities by a minimum of 6". Clear all poles by 2'0" minimum or tunnel as required. The owner has contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings In the event the Contractor's work requires the bracing of additional poles, any cost incurred by the Owner for bracing of additional poles or damages shall be deducted from money owed the Contractor. The Contractor shall coordinate with the utility companies to schedule the bracing of the poles.
- For details not shown on the drawings and for materials and construction methods, use Howard County Design Manual, Volume IV, Standard Specifications and Details for Construction (latest edition). The Contractor shall have a copy of Volume IV on the job.
- Where test pits have been made on existing utilities, they are noted by the symbol at the location of the test pit. A note or notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the Contractor two weeks in advance of construction operations at his own expense.
- Contractor shall notify the following utility companies or agencies at least five (5) working days before

ng work shown on these plans:	
a. SHA:	(410) 531-5533
b. BGE (Contractor Services):	(410) 850-4620
c. BGE (Underground damage control):	(410) 787-9068
d. Miss Utility:	1-800-257-7777
e. Colonial Pipeline Company:	(410) 795-1390
f. Howard County Dept. of Public Works, Bureau of Utilities:	(410) 313-4900
g. Howard County Health Department:	(410) 313-2640

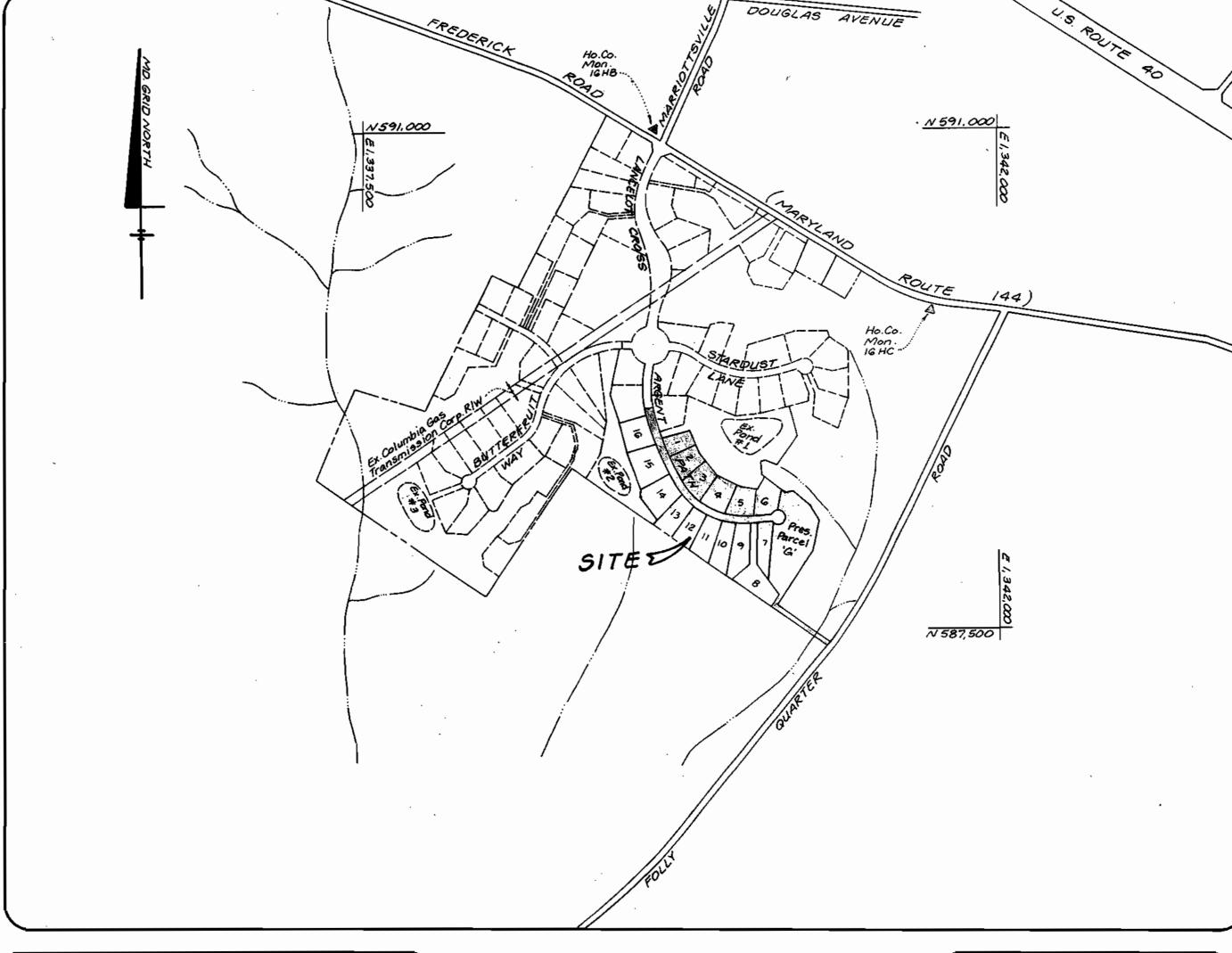
- Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs within the construction strip are not to be removed or damaged by the Contractor.
- Contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main. The Contractor shall notify the Bureau of Highways - Howard County, at (410) 313-2450 at least five (5)
- working days before any open cut of any county road or boring / jacking operation in county roads for laying water/sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirements per Section 18.114(a) of the Howard County Code.

### PART 3 - SEWER

- All sewer mains to be D.I.P Class 52, and P.Y.C. unless otherwise noted.
- The Contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole wall.
- All manholes shall be 4'0" inside diameter unless otherwise noted.
- Force mains shall be SDR 21 P.V.C.
- Manholes shown with twelve (12) inch and sixteen (16) inch walls are for brick manholes only.
- All manholes are to be constructed on undisturbed earth.
- Manholes designated W.T. in plan and profile shall have watertight frame & covers, Standard Detail G 5.52 where watertight manhole frame & cover is used, set top of frame 1'-6" above finished grade unless otherwise
- Houses with the symbol "C.N.S." indicates that cellar cannot be served.

### NOTES:

- A Septic Fee in the amount of \$180 per Lot serviced by the common septic system shall be paid to the Howard County Environmental Health Department at the time of the septic construction permit issuance. The builder shall install a backflow preventer and relief vent on the sewer service at the house. At the time of
- the house construction or as required by the plumbing inspector. Contractor shall notify the Construction Inspection Division (410-313-1880) at least fourteen (14) days prior
- Septic tanks shall be vacuum tested on-site by the manufacturer. Septic tank shop drawings from the manufacturer should be submitted to the Howard County Environmental Health Department prior to any
- All pressure sewer is to be pressure tested according to the Howard County Department of Public Works
- Standards and Specifications, The contractor shall notify Howard County Health Department at (410) 313-2640 at least five (5) working days before any pressure test of pressure sewers, and any septic tanks vacuum or water testing is
- The builder shall be responsible for the requirements and method of installation of grinder pump and its
- appurtenances
- Observation well to be installed after trench installation is completed. The portions of the public sewer line which are closer than 50 feet to any well will be encased in concrete or constructed out of welded steel as required by COMAR 26,04.04.05.
- LDE, inc shall perform all as-built surveys and drawing recordation for the sewer system as specified by the Developer Agreement, including the as-built survey of the septic trench portion of the shared septic system for the Health Department approval.



Type of Building No. of Lots / Parcels (Buildable) No. of Non Buildable Lots No. of SHC's to Shared System Drainage Area

Treatment Plant

Single Family Detached 1 (Preservation Parcel'G') 7 (Lots 1-7) Middle Patuxent Brantwood Shared Septic VICINITY MAP Scale: 1"=600"

N/A WATER CODE N/A SEWER CODE N/A TEST GRADIENT

Wastewater Collection, Treatment, and Disposal System

SECTION TWO - AREA TWO LOTS 1 - 7 AND PRESERVATION PARCEL "G" 3rd Election District Howard County, Maryland

CONTRACT NO. 50-3816-D

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE STANDARD SPECIFICATION AND FINAL ROAD CONSTRUCTION PLANS:

FOR PRIVATE WATER AND PUBLIC SEWERAGE SYSTEMS

INDEX OF SHEETS TITLE SHEET NO. Cover Sheet Plan View Sewer Profiles Details Details Sediment and Erosion Control Plan Sediment and Erosion Control Details

# BENCH MARKS:

Howard County Monument # 16HC Elevation: 449.451 Description: Concrete Monument .2' below surface. South side MD 144, 0.1 Mile West Folly Quarter Road

Howard County Monument # 16HB Elevation: 540.658 Description: Concrete Monument flush with surface. 21.9' South of centerline MD 144, 147.5' West of Marriottsville Road

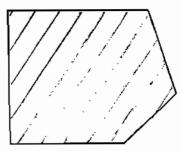
## TRENCH REQUIREMENTS

- Use 750 GPD per House
- = 750 x 7 Houses = 5,250 GPD
- 5,250 GPD / 1 GPD / sq.ft. = 5,250 sq.ft. Effective Area
- 5,250 sq.ft. / 3 ft. Wide Trench
- = 1,750 Linear Feet Required

### LEGEND

EXISTING TREE LINE

PROPOSED DWELLING



PROPOSED SEPTIC

PROPOSED WELL

	QUANTITIES			
		RECORD		
ITEM	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
4" Sewer	253 LF			
8" Sewer	961 LF			
Manholes	7			
Resilient Seat Gate Valve	2			
3000 Gal. Septic Tank	2			
Ho.Co.S-2.22 "SHC"	7 .			
Dial-A-Flow Levelers	18			
Zabel A 100-HIP Filter	2			
2500 Gal. Septic Tank	2			
Distribution Box	1			
Leaching Field	1750 LF			
				OUEOU DOV
				CHECK BOX:
NAME OF UTILITY CONTRACT	FOR:	1		SURVEY & DRAFTING DIVISION AS BUILT DATE:

Wastewater Collection, Treatment, and Disposal System

# BRANTWOOD

SECTION TWO - AREA TWO LOTS 1 THRU 7 & PRESERVATION PARCEL'G'

Howard County, Maryland

DEPARTMENT OF PUBLIC WORKS

HOWARD SOIL CONSERVATION DISTRICT

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT

BY THE HOWARD COUNTY, SOIL CONSERVATION DISTRICT.

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL

AND MEET TECHNICAL REQUIREMENTS.

DEPARTMENT OF

PLANNING & ZONING

LDE, INC. 9250 RUMSEY ROAD, SUITE 106 COLUMBIA, MARYLAND 21045 (410) 715-1070 (301) 596-3424 Fax: (410) 715-9540



EDS/BDB BY NO. REVISION

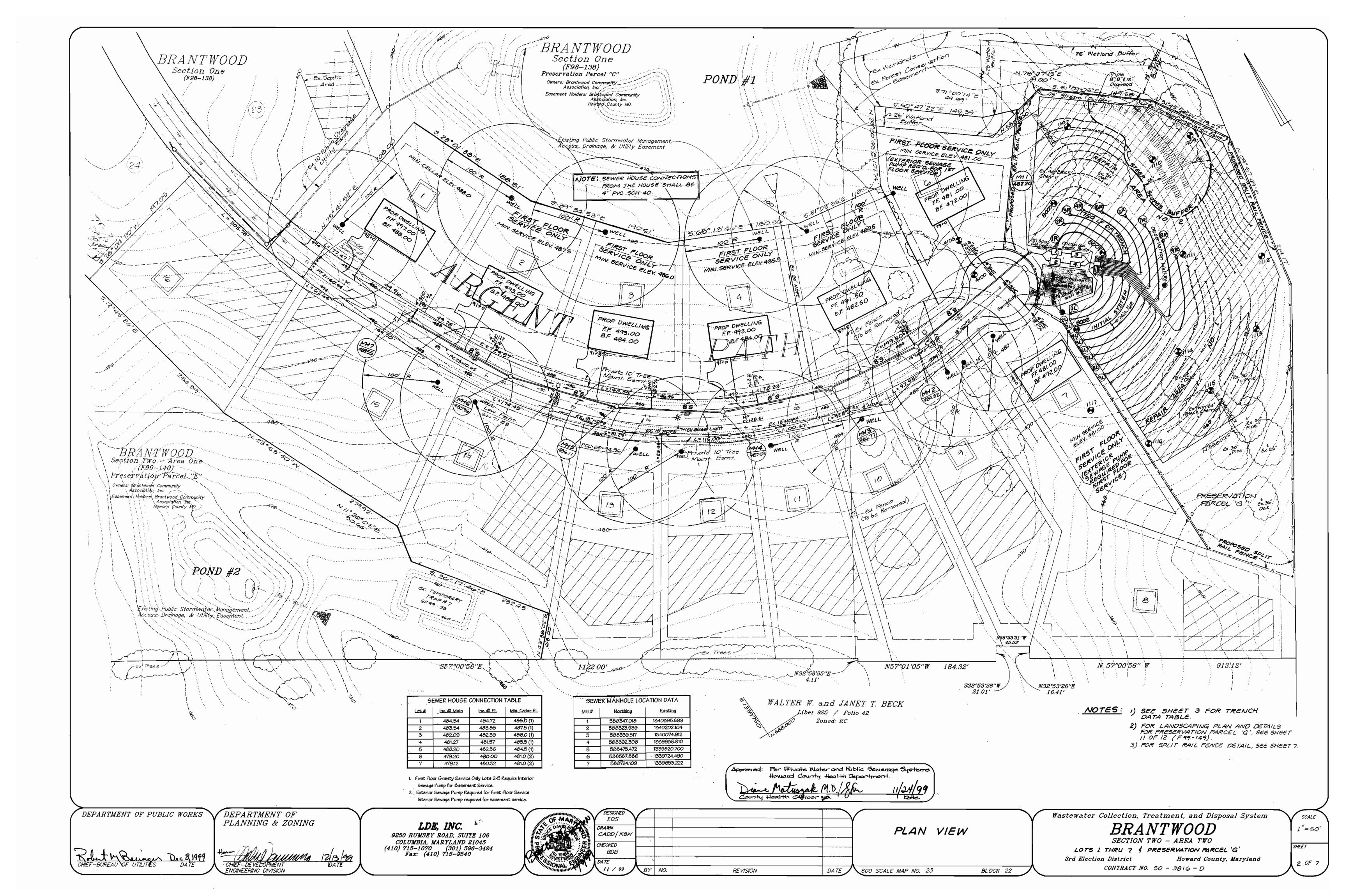
600 SCALE MAP NO. 23 BLOCK 22

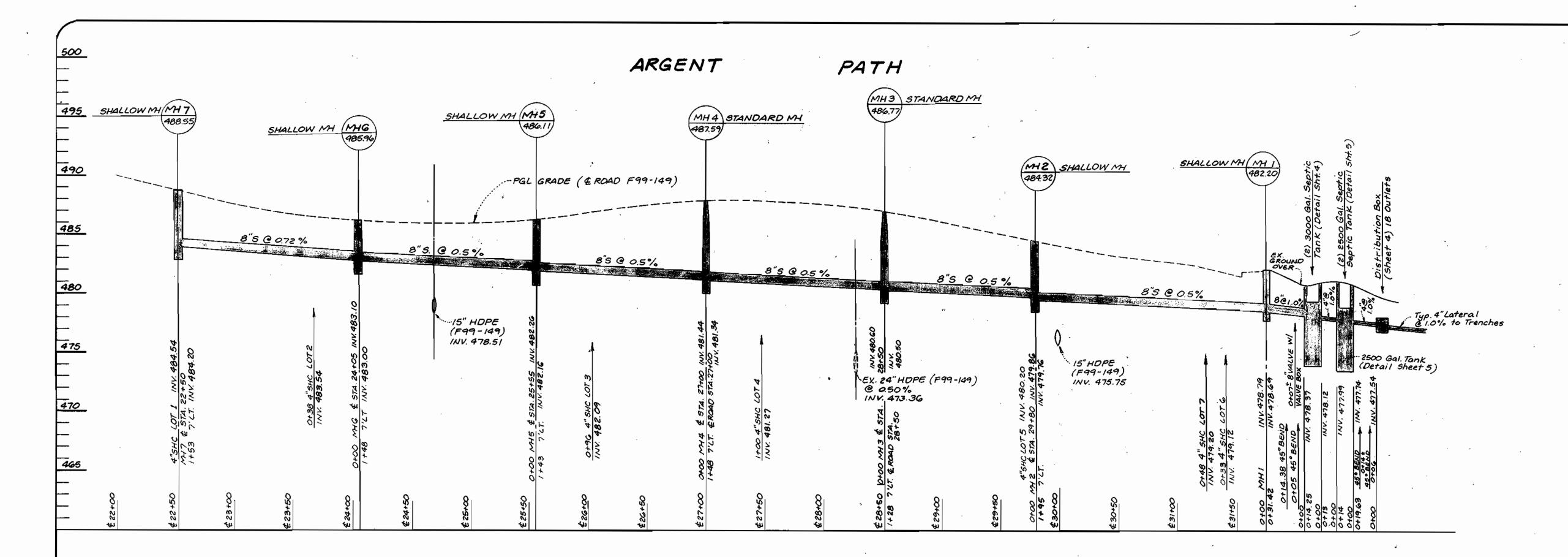
TITLE SHEET

3rd Election District CONTRACT NO. 50 - 3816 - D

SHOWN 1 OF 7

SCALE

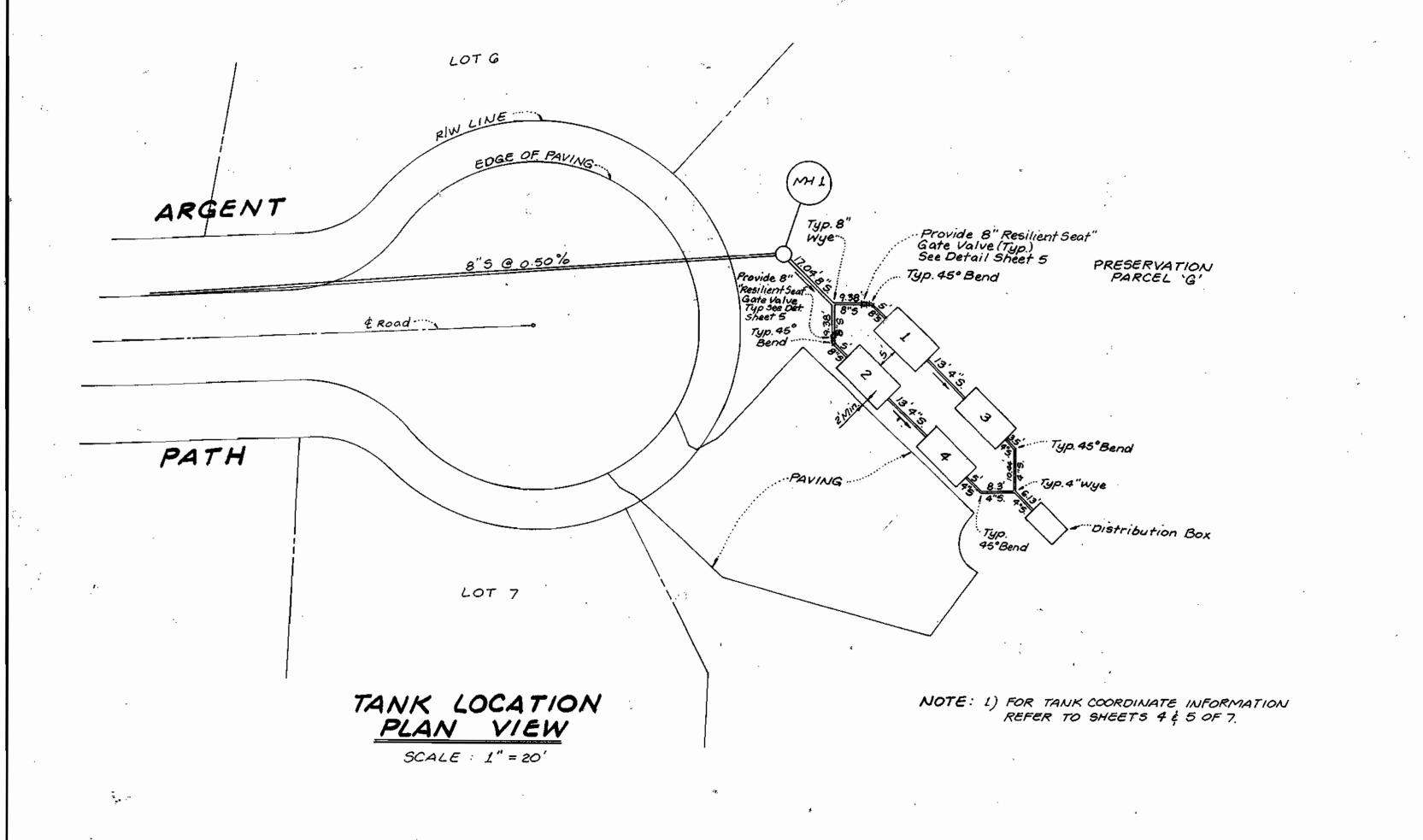




TRENCH No.	EX. GRADE @ TRENCH	INVERT TRENCH	BOTTOM TRENCH	LENGTH
14	480.00	477.00	475.00	85 f4.
2 L	479.50	476.50	474.50	90 ft.
34	479.00	476.00	474.00	100 ft.
4 L	478.50	475.50	473.50	100ft.
5 L	478.00	475.00	473.00	100 ft.
61	477.25	474.25	472.25	100 ft
76	476.50	473.50	471.50	100 ft.
8L	475. <i>35</i>	472.35	470.35	100 ft.
9L	474.65	471.65	469.65	100 ft.
1R	480.00	477.00	475.00	85 F4.
2R	479.50	476.50	474.50	90 ft.
3R	479.00	476.00	474.00	100 ft.
4R	478.50	475.50	473.50	100 Ft.
5 R	478.00	475.00	473.00	100 ft
GR	477.00	474.00	472.00	100 ft.
7 <i>R</i>	476.00	473.00	471.00	100 ft.
8R	474.00	471.00	469.00	100 ft.
9 R	472.00	469.00	467.00	100 ft.

NOTE:	ALL TRENCHES TO 100 ft. MAXIMUM LENGTH, 3ft. WIDE WITH A
	MINIMUM SEPARATION OF 10 ft. BETWEEN THE CENTERLINE OF
	THE TRENCHES.

Pe	ercolation Test l	Data Chart
Percolation Test	Percolation Test	Depth to
Hole Numbers	Time	Water Table
1107	2 min.	Dry @ 12 feet - 9/27/95
1008	1 min.	Wet @ 10 feet - 9/27/95
1009	not tested	Dry @ 11 feet - 3/18/96
1010	2 min.	Dry @ 12 feet - 9/27/95
1011	2 min.	Dry @ 12 feet - 9/26/95
1012	2 min.	Dry @ 11.5 feet - 9/26/99
1013	2 min.	Dry @ 12 feet - 9/26/95
1014	2 min.	Dry @ 12 feet - 9/21/95
1115	1.5 min.	Dry <b>@</b> 13 feet - 9/21/95
1116	5 min.	Dry @ 12.5 feet - 9/21/95
1117	2 min.	Dry @ 12 feet - 9/21/95
8001	2 min.	Dry @ 13 feet - 9/24/99
8002	4 min.	Dry @ 13 feet - 9/24/99
8003	2 min.	Dry @ 13 feet - 9/24/99
9019	not tested	Wet @ 6.5 feet - 5/2/97
9020	not tested	Wet @ 6.5 feet - 5/2/97
9021	not tested	Wet @ 7.0 feet - 5/2/97
9022	not tested	Wet @ 9.0 feet - 5/2/97



BLOCK 22

PROFILE

For Private Water and Public Sewerage Systems
Howard County Health Department.

DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PLANNING & ZONING

LDE, INC. 9250 RUMSEY ROAD, SUITE 106 COLUMBIA, MARYLAND 21045 (410) 715-1070 (301) 596-3424 Fax: (410) 715-9540 CHIEF-DEVELOPMENT ENGINEERING DIVISION



600 SCALE MAP NO. 23 REVISION

Wastewater Collection, Treatment, and Disposal System

CONTRACT NO. 50 - 3816 - D

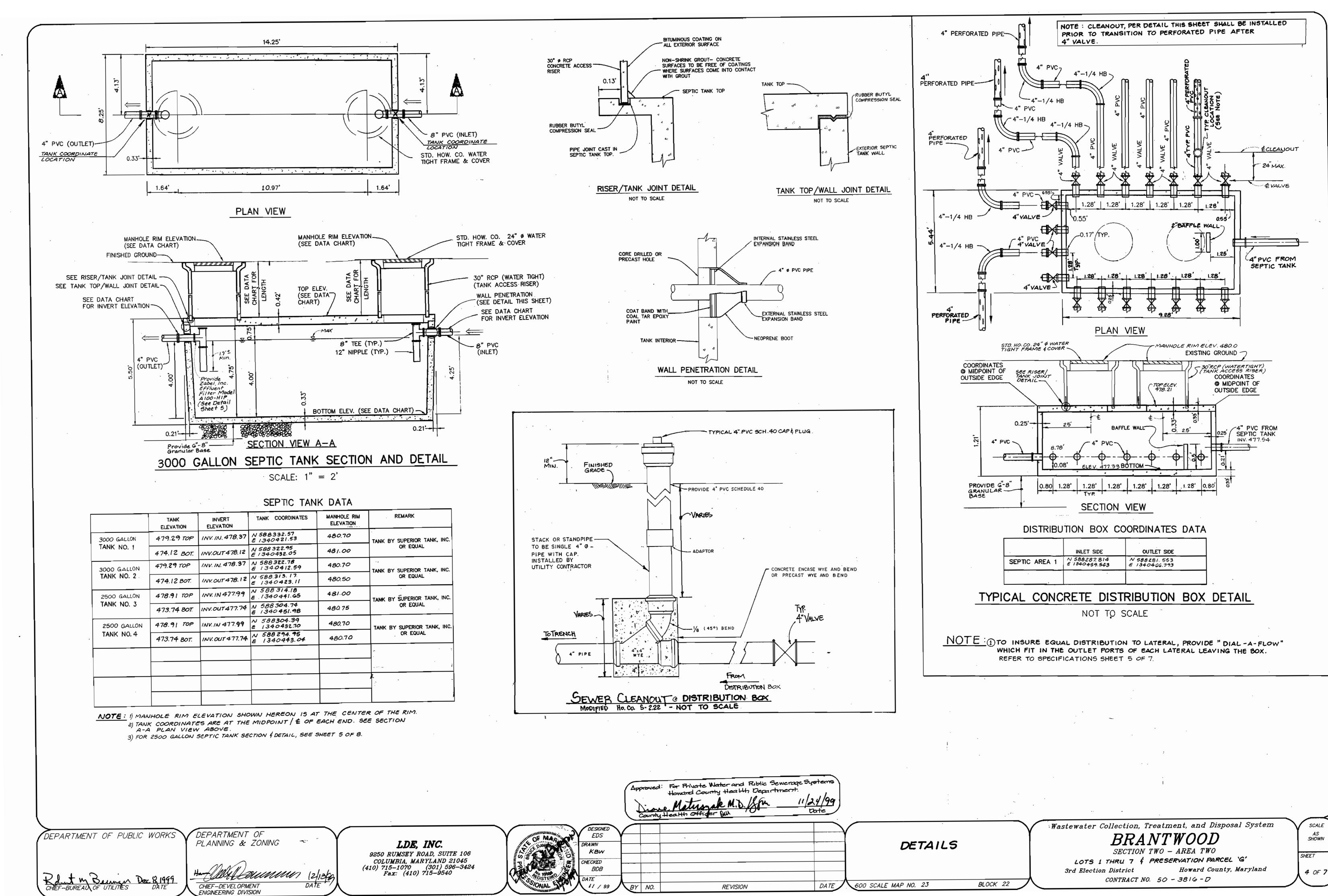
SECTION TWO - AREA TWO LOTS 1 THRU 7 & PRESERVATION PARCEL 'G' 3rd Election District Howard County, Maryland

3 OF 7

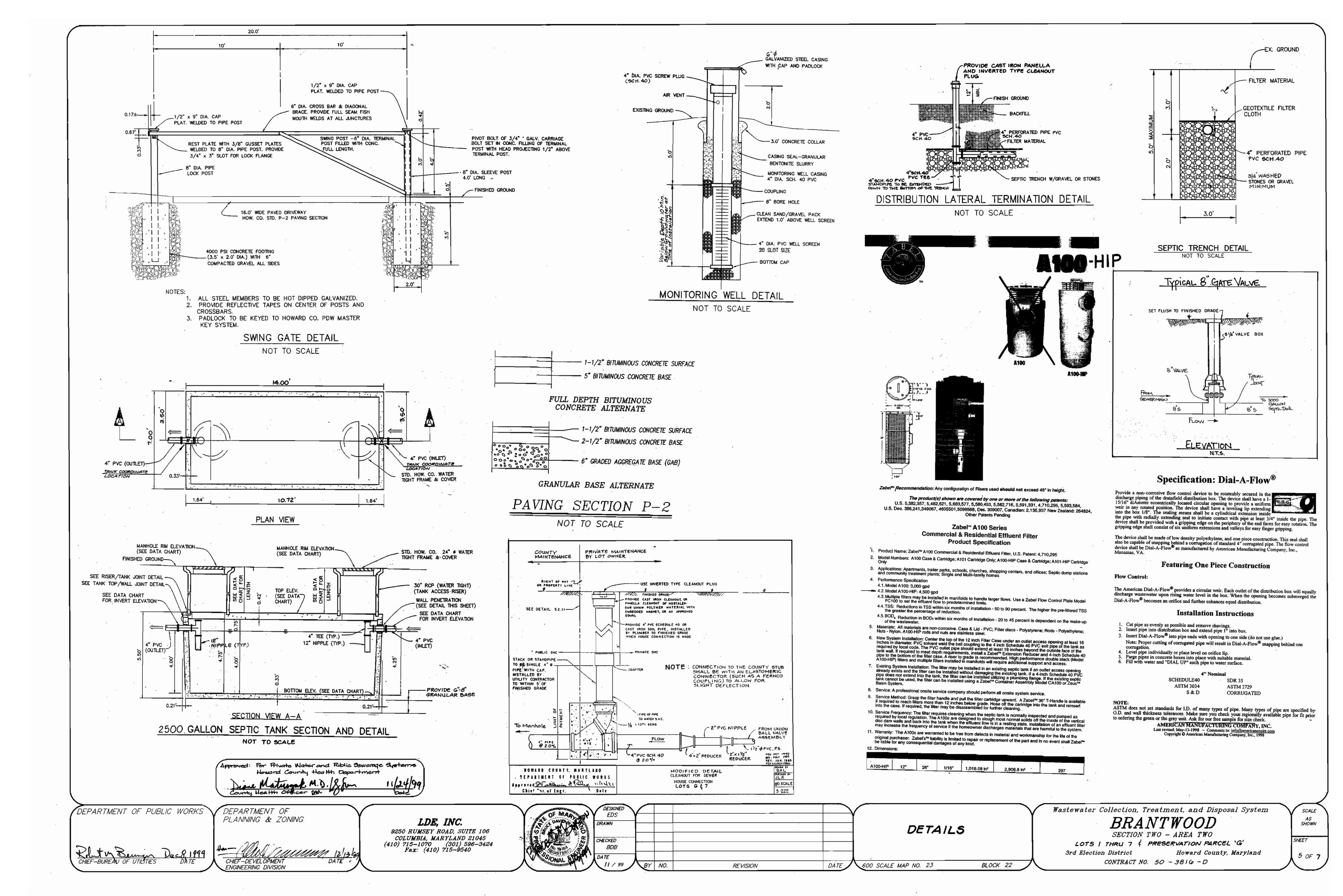
SHEET

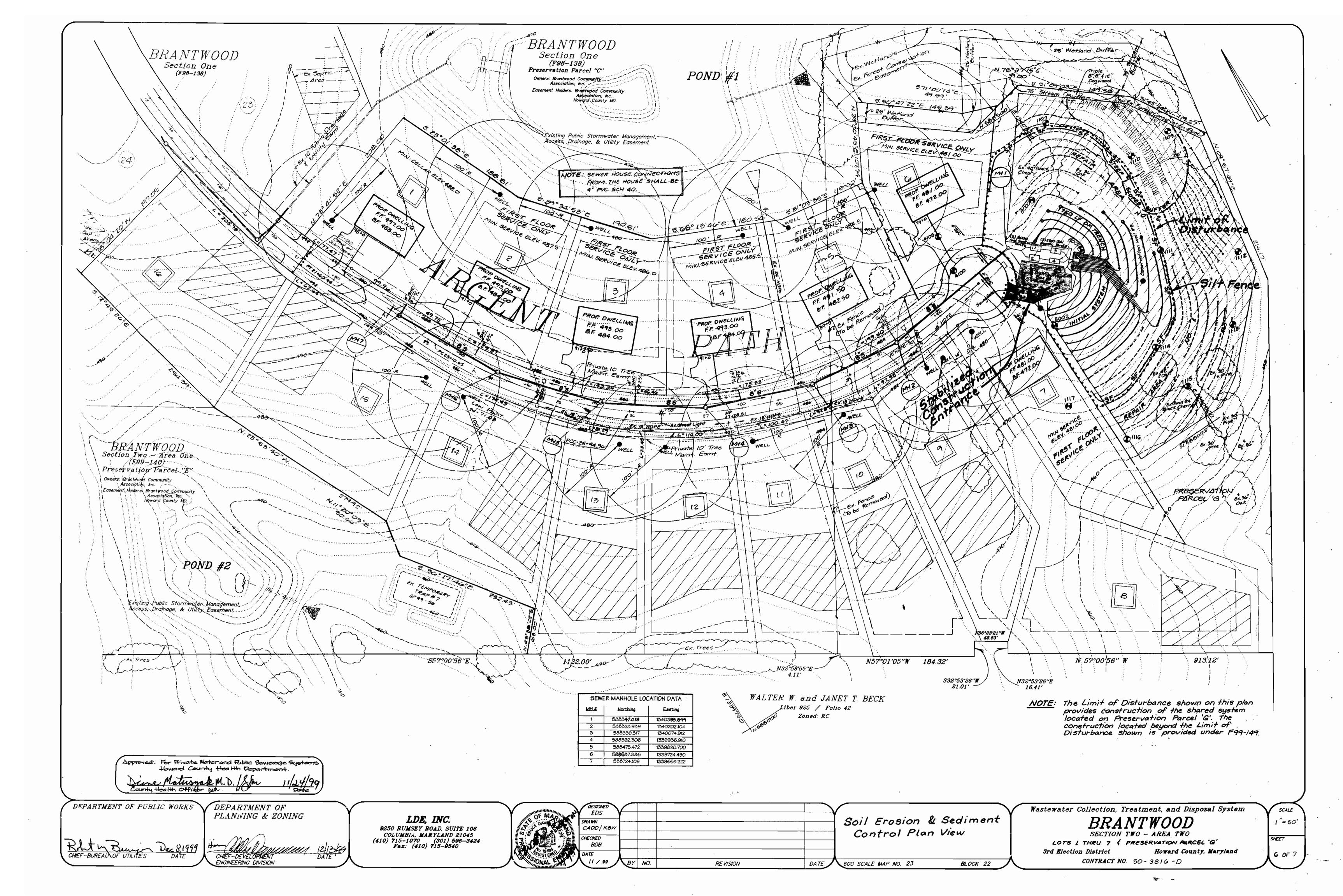
SCALE

AS SHOWN



4 OF 7





### HOWARD SOIL CONSERVATION DISTRICT STANDARD SEDIMENT CONTROL NOTES

- 1. 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) 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", and revisions thereto. 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.
- 4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- 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 (Section G) for permanent seeding, sod, temporary seeding, and mulching. 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: 4.0116 Acres 1.44 Acres Total Area of Site Area Disturbed Area to be roofed or paved \_\_ Acres Area to be regetatively stabilized 1.32 Total Fill
- Offsite waste/borrow area location NIA 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.
- 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 nspection 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,

### HOWARD SOIL CONSERVATION DISTRICT PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, disking, or other acceptable means before seeding, if not previously

SOIL AMENDMENTS: In lieu of soil test recommendations, use one of the following 1) PREFERRED — Apply 2 tons per acres dolamitic limestone (92 lbs/1000sq. ft.) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000

sq. ft.) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000sq. ft.)

2) ACCEPTABLE — Apply 2 tons per acres dolomitic limestone (92 lbs/1000sq. ft.) and 1000 lbs per acres 10-10-10 fertilizer (23 lbs/1000sq. ft.) before seeding. Harrow or disk into upper three sq. ft.) before seeding. Harrow or disk into upper three

SEEDING — For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs per acre (1.4 lbs/1000sq. ft.) of Kentucky 31 Tall Fescue and 2 lbs. per acre (.05 lbs/1000sq. ft.) of weeping lovegrass. 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 sod. Option (3) — Seed with 60 lbs.per acre Kentucky 31 Tall Fescue and mulch 2 tons / acre well anchored

MULCHING — Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000sq. 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/1000sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/ 1000sq. ft.) for anchoring.

MAINTENANCE — Inspect all seeding areas and make needed repairs, replacements

# TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term

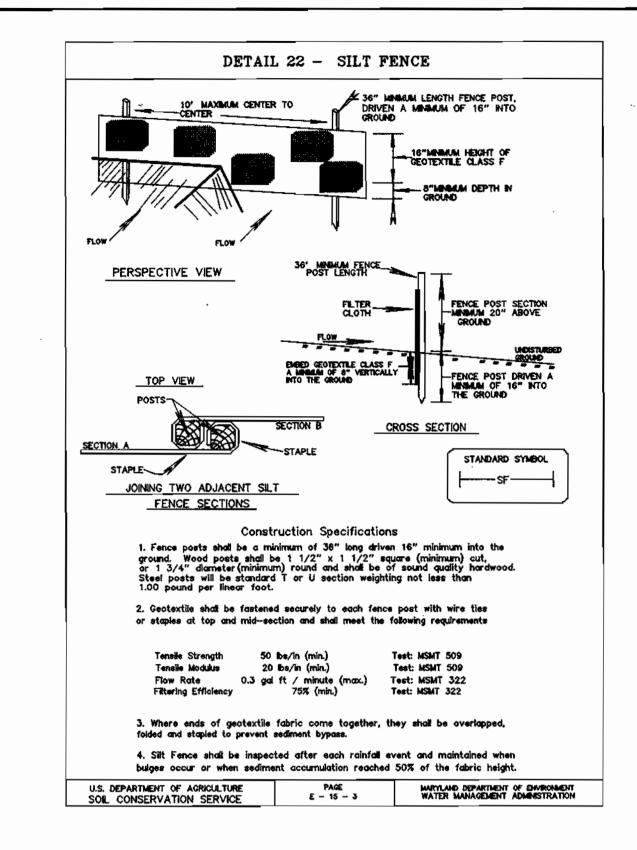
SEEDBED PREPARATION: - Loosen upper three inches of soil by raking, disking, or other acceptable means before seeding, if not previously

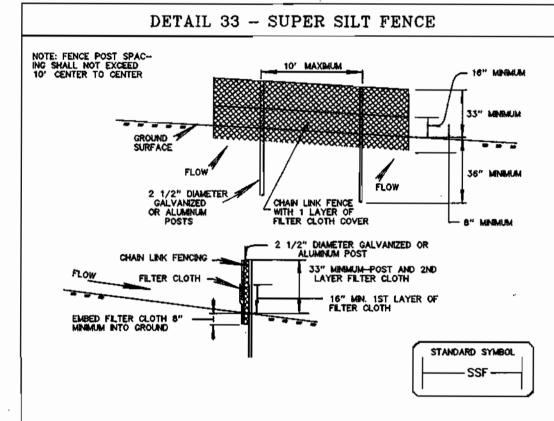
SOIL AMENDMENTS: - Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000sq.

SEEDING — For periods March 1 thru April 30, and from August 15 thru October 15 seed with 2-12 bushels per acre of annual rye (3.2 lbs/1000sq. ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (.07 lbs/1000sq. 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

MULCHING - Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000sq. ft.) of unrotted weed free small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000sq. ft.) for anchoring.

Refer to the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for additional rates and methods not covered.



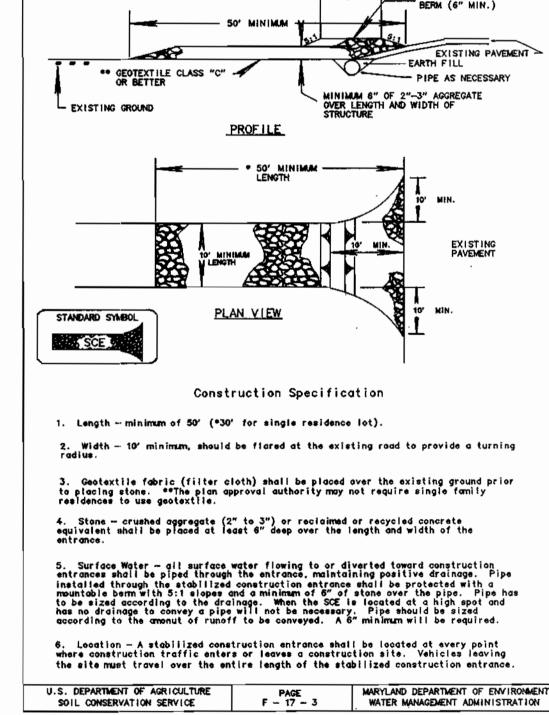


## Construction Specifications

Fencing shall be 42 inches in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6 foot fence shall be used, substituting 42 inch fabric and 6 foot length posts.

- 1. The poles do not need to set in concrete.
- 2. Chain link fence shall be fastened securely to the fence posts with wire ties or staples.
- 3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section. 4. Filter cloth shall be embedded a minimum of 8" 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 buildups removed when "bulges" develop in the silt fence.

MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE

4 x 2 - 14 GAUGE BLACK

ATTACHED TO OUTSIDE

MITH STAINLESS STEEL

O.C. - EACH RAIL

10 O.C.

ELECTRICAL STAPLES 12"

" EXTEND 6" OF 4" x 25W.W.

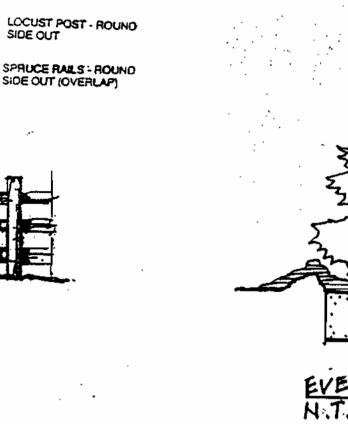
SPLIT RAIL FENCE

THREE RAIL 4 FEET HIGH

NOT TO SCALE

MESH INTO GRADE

VINYL COATED W.W. MESH



SIDE OUT

Provide tree stakes only It necessary 1 Remove top 13 of burlap from tree ball. .Place tree in hole so that first root (lateral is flush with grade. EVERGREEN TREE PLANTING DETAIL

# 21.0 STANDARD AND SPECIFICATIONS FOR TOPSOIL

Definition Placement of topsoil over a prepared subsoil prior to establishment of permanent

low moisture content, low nutrient levels, low pH, materials toxic to plants,

Purpose To provide a suitable soil medium for vegetative growth. Soils of concern have

and/or unacceptable soil gradation. Conditions Where Practice Applies

This practice is limited to areas having 2:1 or flatter slopes where:

a. The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth. b. The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and c. The original soil to be vegetated contains material toxic to plant

d. The soil is so acidic that treatment with limestone is not feasible. For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.

# Construction and Material Specifications

Topsoil salvaged from the existing site may be used provided that it meets the 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

Topsoil Specifications - Soil to be used as topsoil must meet the following:

Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay Loam, loamy sand. 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 textured subsoils and shall contain less than 5% by volume of cinders. stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 11/2" in diameter.

ii. Topsoil must be free of plants or plant parts such as bermuda grass, quackgrass, Johnsongrass, nutsedge, poison ivy, thistle, or others as 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.

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:

i. 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 a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher. b. Organic content of topsoil shall be not less than 1.5

c. 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

Note: Topsoil substitutes or amenaments, as recommended by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of natural topsoil.

ii. Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization —Section I — Vegetative Stabilization Methods and Materials.

dissipation of phyto-toxic materials.

Topsoil Application

When topsoiling, maintain needed erosion and sediment control practices such as diversions, Grade Stabilization Structures, Earth Dikes, Slope Silt Fence and Sediment Traps and Basins. ii. Grades on the areas to be topsoiled, which have been previously established, shall be maintained, albeit 4" - 8" higher in elevation. 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 sodding 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 iv. Topsoil 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.

Alternative for Permanent Seeding - Instead of applying the full amounts of lime and commercial fertilizer, composted sludge and amendments may be applied as specified below:

Composted Sludge Material for use as a soil conditioner for sites having disturbed 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:

a. 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. If compost does not meet these requirements, the appropriate constituents must be added to meet the requirements c. Composted sludge shall be applied at a rate of 1 ton/1,000 square feet,

ii. Composted sludge shall be amended with a potassium fertilizer applied at the rate of 4 lb./1,000 square feet, and 1/3 the normal lime application rate.

References: Guideline Specifications, Soil Preparation and Sodding. MD-VA, Pub. #1, Cooperative Extension Service, University of Maryland and Virginia Polytechnic Institutes. Revised 1973.

Approved: For Private Water and Public Sewerage Systems Heward County Health Department

DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PLANNING & ZONING

LDE, INC. 9250 RUMSEY ROAD, SUITE 106 COLUMBIA, MARYLAND 21045 (410) 715-1070 (301) 596-3424 Fax: (410) 715-9540



EDS CADO CHECKED **BDB** REVISION

Soil Erosion & Sediment Control Details

Wastewater Collection, Treatment, and Disposal System

# BRANTWOOD

SECTION TWO - AREA TWO LOTS 1 THRU 7 & PRESERVATION PARCEL G' 3rd Election District Howard County, Maryland

CONTRACT NO. 50 - 3816 - D

7 OF 7

SCALE

SHOWN

ENGINEERING DIVISION

600 SCALE MAP NO. 23

BLOCK 22

SHEET