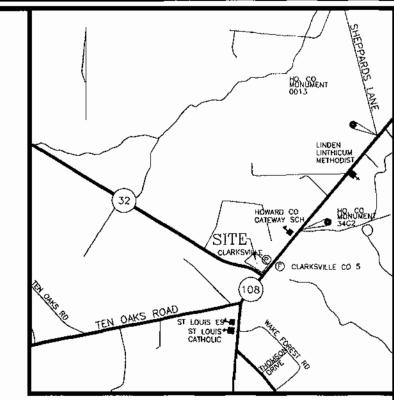
ANTWERPEN USED CAR FACILITY

SITE DEVELOPMENT PLAN PARCEL B HOLMECK SUBDIVISION



SCALE: 1"=2000'

of Howard County plus MS-1A standards and specifications, if applicable. The contractor shall not for Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work The contractor is to not by the following utilities or agencies at least five days before starting work on these drawings: Miss utity 1-888-586-4301 Bell Atlantic Telephone company: Howard County Eureau of Utilities: Al&T Cable Location Division: 850-4620 BG.\$F Co. Contractor Services: BG. &E. Co. Underground Damage Control: State Highway Administration: 4. Site analysis:

1. All construction shall be in occordance with the latest standards and specifications

Area of parcel + 12 Ac. I Present zoning B 2 Proposed Use of structure : Used car sales and display Current use of structure : Bank

GENERAL NOTES

Bullaing area Ex. Building area : 2501 sf. Prop. Addition area : 2237 sf. Building coverage on site is Ex Bldg .06 Ac. on 5.0 % of gross area Prop. Blag .05 Ac or 4.2 % of gross area Total Bidg coverage (211 Ac or 9.2%

Paved parking lattered: 0.82 Ac. or 68.3% of gross area. Area of landscape stand: 0.03 Ac. = 1,316sfProject background

Location : Claresville , Tax Map 34, Parcel B Zorina B 2 Subary sign Hollweck Subdivision Section/Area : N/A Site Area 1.2 Acres

The contractor shall notify the Department of Public Works/Bureau of Engineering/ Construction inspect on Division at (410) 313-1880 at least five (5) working days prior

DP7 references SDP-95-23; F-94-38; F-92-161; SP-93-14; ZB-947M

7. Any aamage to oublic right of ways, paving, or existing utilities will be Repaired at the contractor's expense

8. Existing Itilities located from Road Construction Plans, Field Surveys, Public Water and and Sewer Extension Plans and available record drawings. Approximate location of existing utilities are shown for the contractors information. Contractor shall locate existing utilities well in advance of construction activities and take all necessary precautions to protect the operation shall be repaired immediately at the contractor's expense.

Traffic control devices, markings and signing shall be in accordance with the latest 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.

10. Estimates of earthwark quantities are provided solely for the purpose of calculating fees. 11. Soil compaction specifications, requirements, methods and materials are to be in accordance with the recommendations of the project Geotechnical Engineer. Geotechnical Engineer to confirm acceptability of proposed paving section, based on soil test prior to construction.

12. All storm drain pipe begoing shall be Class 'C' 13. The existing topography is taken from SDP 95-23-SDP 95-97 and SDP 97-96 performed by Potomoc Aerial dated Dec 1992 and field run topography performed by Vogel \$ Associates, inc. dated July, 2000. The coordinates shawn rerean are based upon the Howard County Geodetic Control NAD 83. Howard County Monument Nos. 34C2and 0013 were used for this project.

14. A noise study is not required for this project.

15. All paing to be 12.2 paying per details, sheet 5 of 5.

16. All curb and gutter to be Howard County Standard concrete Detail 3.01 unless otherwise specified.

17. Contractor responsible to construct all handicap parking and handicap access in accordance with current ADA requirements

18. Where aramage flows away from curb, contractor to reverse the gutter pan.

19. All elevations are to flowline bottom of curb unless otherwise noted. 20. All dimensions are to face of curb unless otherwise noted

21. Public Mater available from existing 2° who (SDP 95-23). Public sewer is provided by a proposed 4'SHC. Contractor to contact the Health Department for proper septic abandonment prior to public sewer connection.

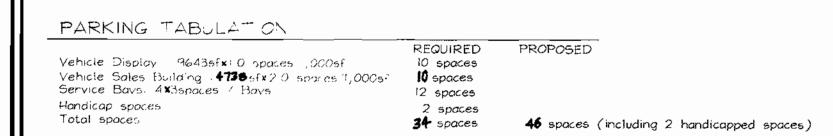
22. Stormwater management quality and quantity is provided with two Extended Detention Facilities under F-94 38

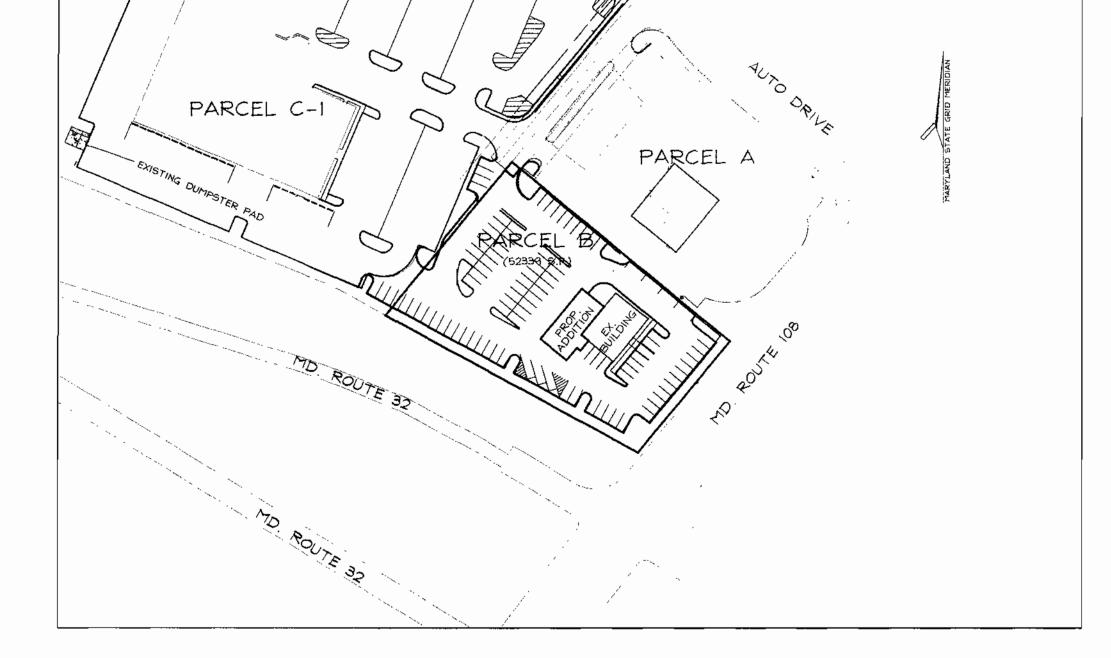
23. All exterior lighting shall conform to Zoning Regulations Section 134.

24. Dumpster on Parcel Collaboration to be utilize by Parcel B (See Location Map this sheet).

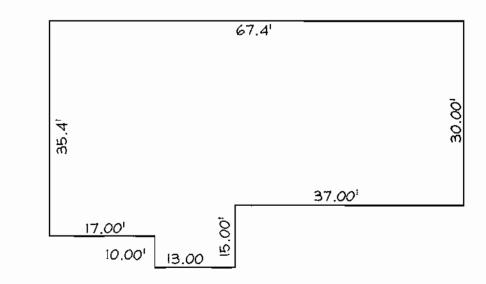
25 This project is exempt from the Adequate Public Facilities road test since the existing trips generated by the site exceed the proposed.

26. Forest conservation was addressed under F 94-38 for this subdivision.





LOCATION MAP SCALE: 1"=100"

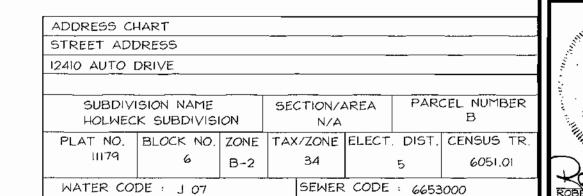


PROPOSED BUILDING PLAN VIEW NOT TO SCALE

EXISTING BUILDING ELEVATION NOT TO SCALE

> PROPOSED BUILDING ELEVATION NOT TO SCALE

OWNER/DEVELOPER Jacob Antwerpen Antoy LLC P.O. Box 144 CLARKSVILLE, MD, 21029 Telephone: (410) 531 - 5700



Silt Fence Limit of Disturbance Inlet Protection ············ Existing Trees to Remain Light Poles □-♡ Single Overhead ♡-□-♡ Double Overhead Display Area BENCHMARKS Howard County Station 34C2 N 562,8221.798 E 1,329,750.722 Howard County Station 0013 N 564,285.946 E 1,331,309.715

LEGEND

Existing Contour Proposed Contour

Spot Elevation

Entrance

Direction of Flow

Stabilized Construction

SHEET INDEX	•
DESCRIPTION	SHEET NO.
Cover Sheet	1 OF 5
Site Development Plan	2 OF 5
Storm Drain Drainage Area Map	3 OF 5
Landscape Plan	4 OF 5
Sediment Control Details Misc. Details and Strom Drain Profile	5 OF 5

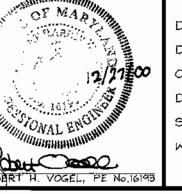


TAX MAP #34 REFERENCE F 94-38, SDP 95-23 PARCEL 'B' HOWARD COUNTY, MARYLAND 5TH ELECTION DISTRCT

COVER SHEET

VOGEL & ASSOCIATES

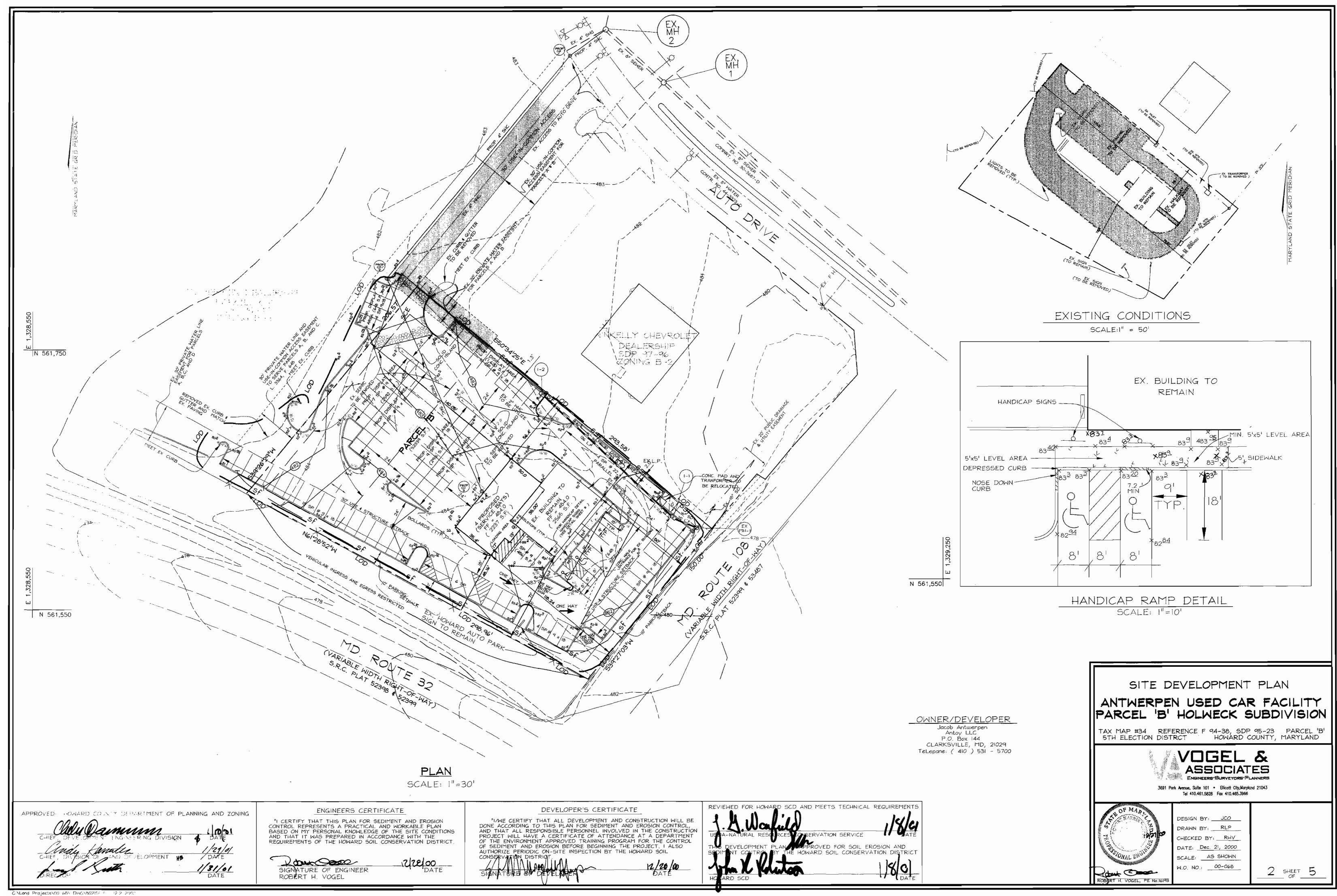
3691 Park Avenue, Suite 101 . Ellicott City, Maryland 21043 Tel 410.461.5828 Fox 410.465.3966

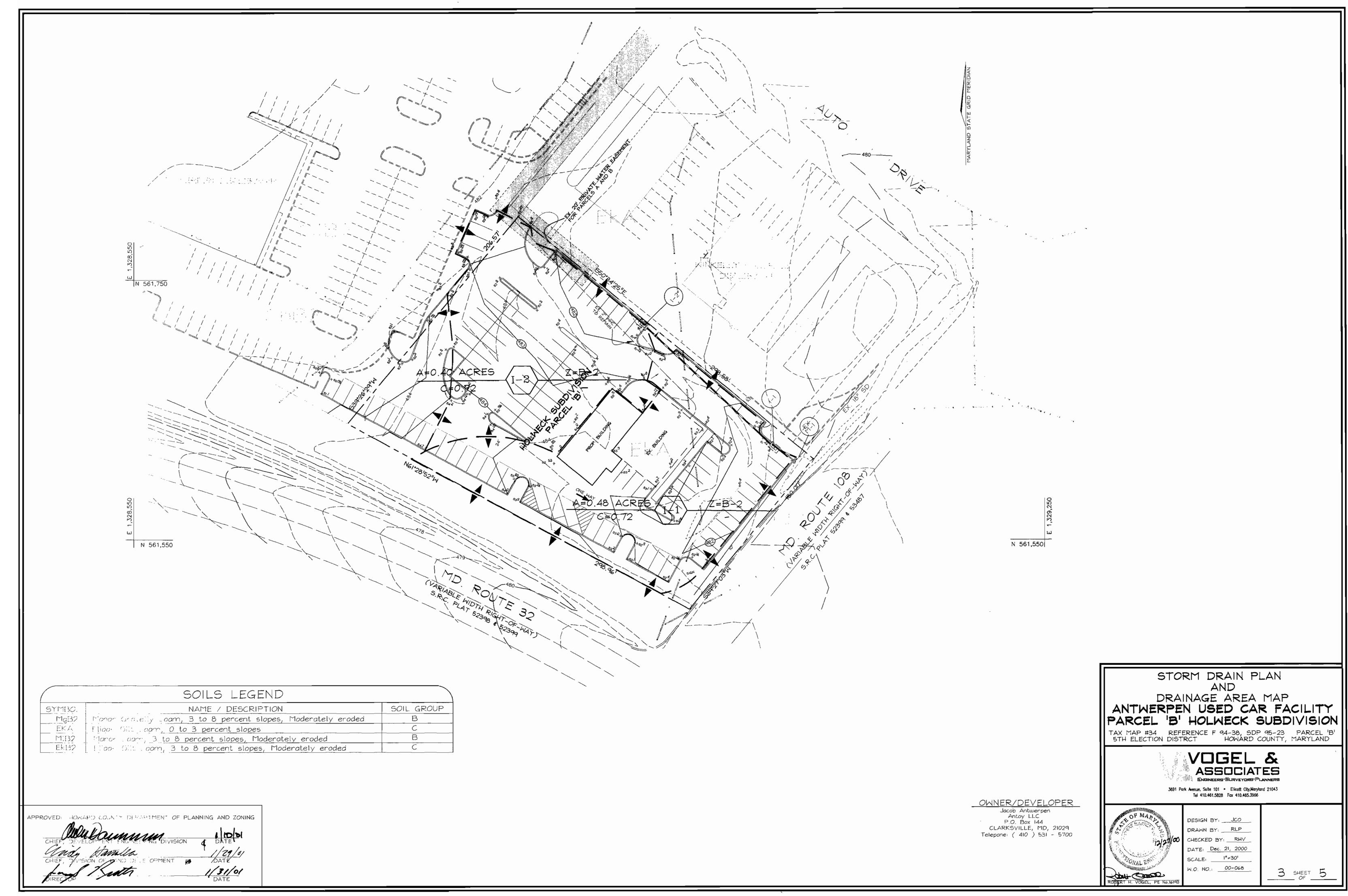


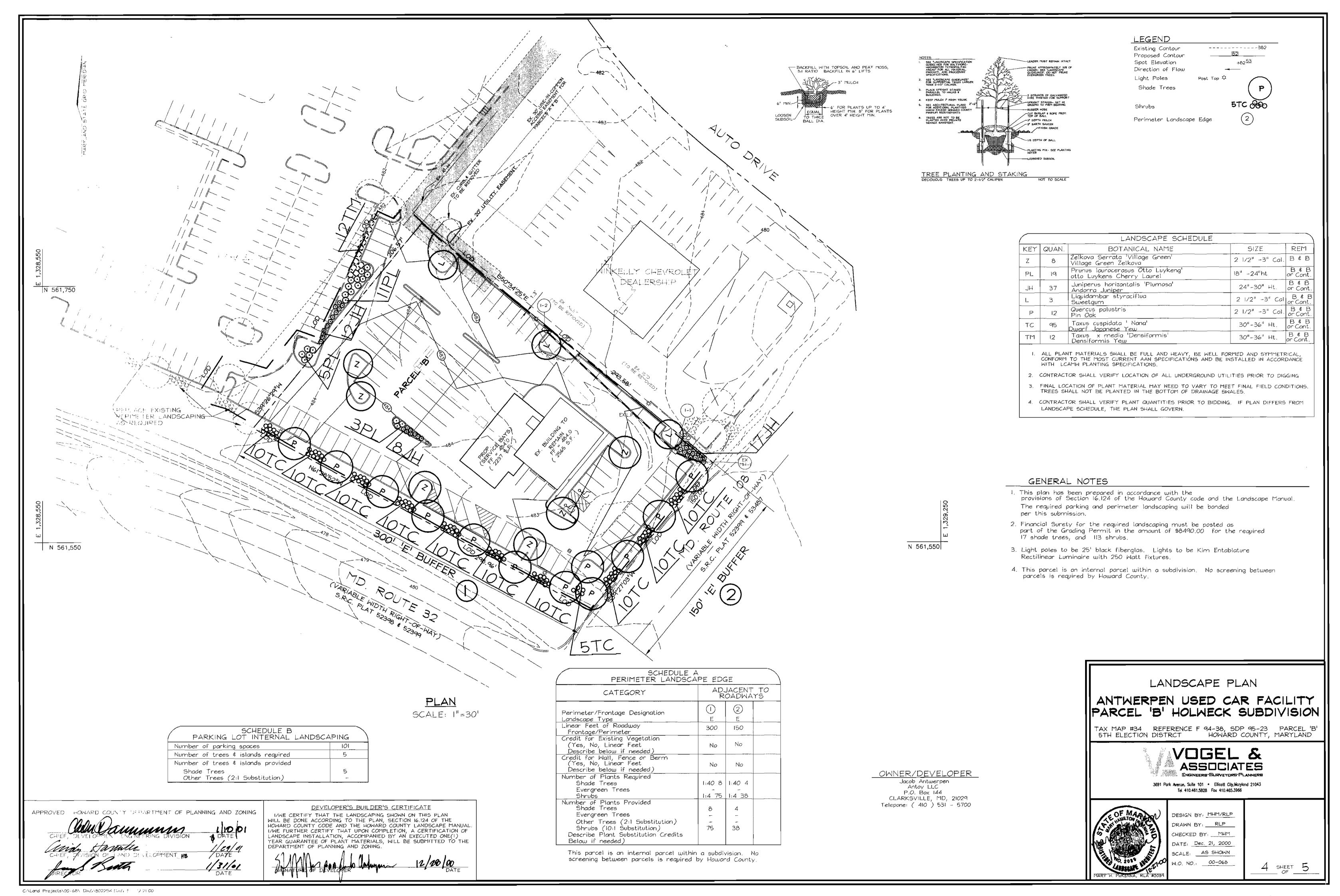
DESIGN BY: JCO / RLP DRAWN BY: RLP CHECKED BY: __RHV DATE: Dec. 21, 2000 AS SHOWN SCALE: W.O. NO.: 00-068

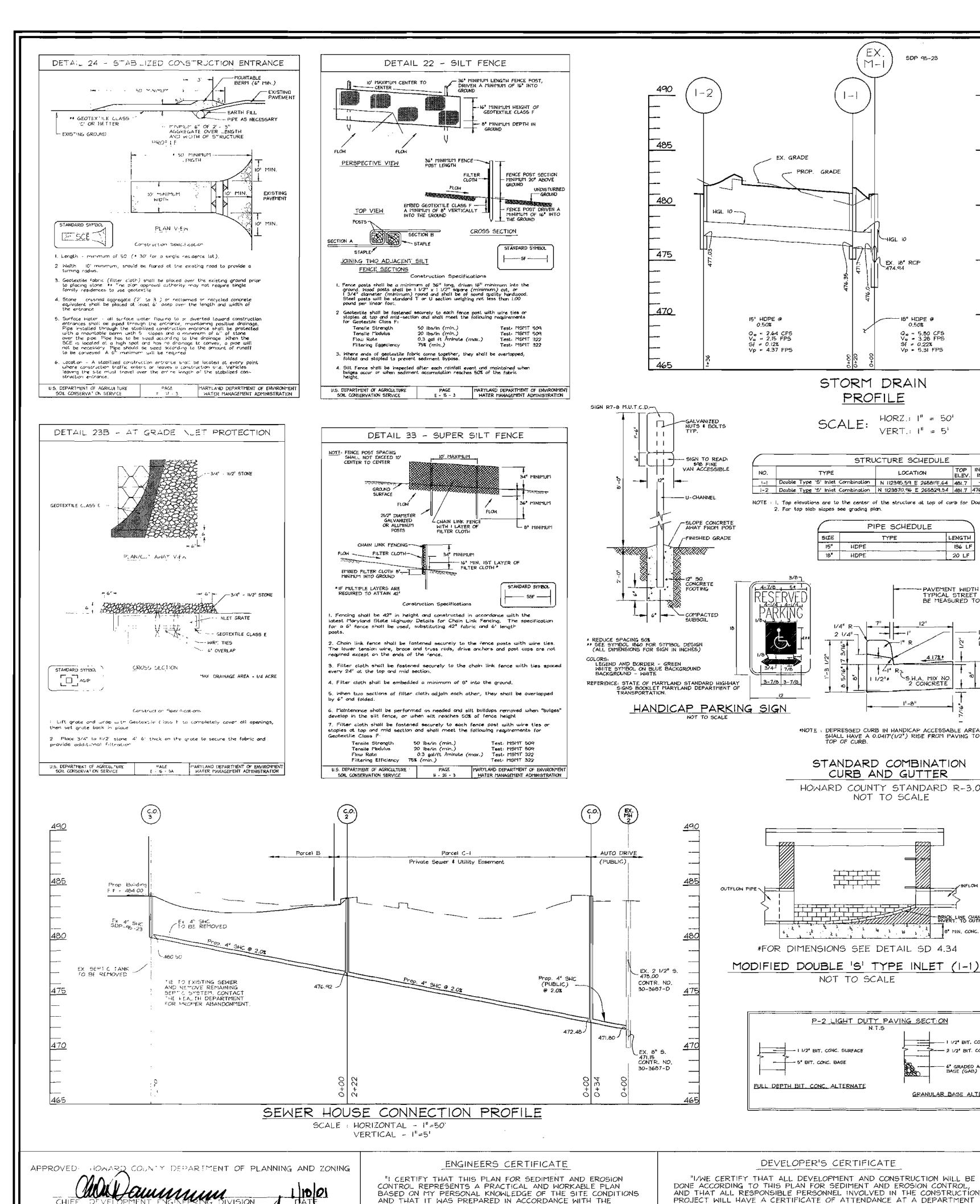
1 SHEET 5

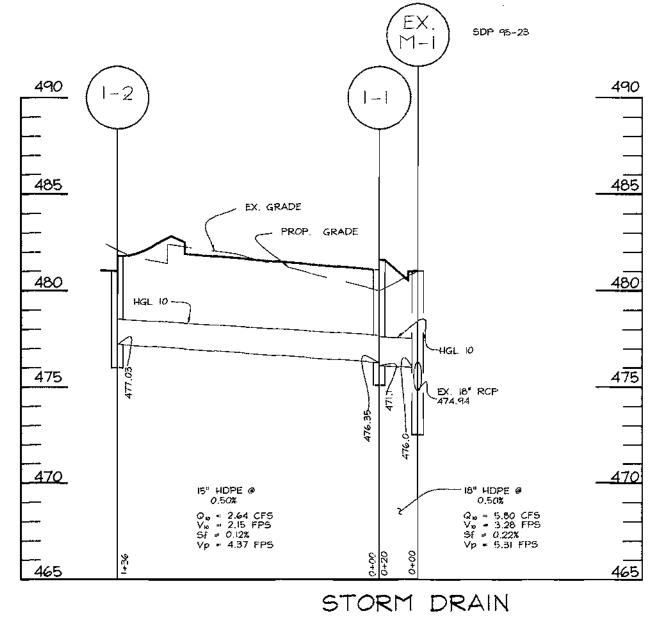
APPROVED: HOWARD COUNTY DEPUBLIES OF PLANNING AND ZONING

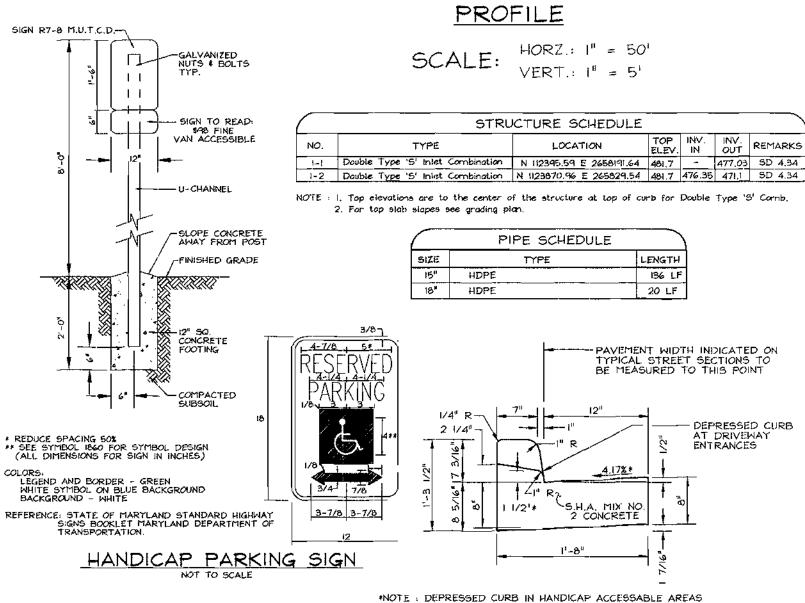






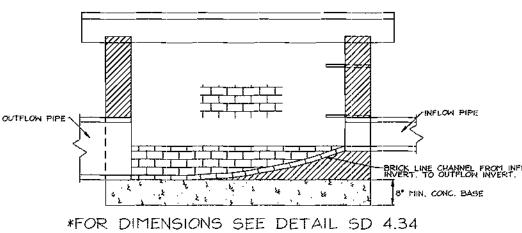






STANDARD COMBINATION CURB AND GUTTER HOWARD COUNTY STANDARD R-3.01 NOT TO SCALE

SHALL HAVE A 0.0417'(1/2") RISE FROM PAVING TO TOP OF CURB.



MODIFIED DOUBLE 'S' TYPE INLET (1-1) NOT TO SCALE

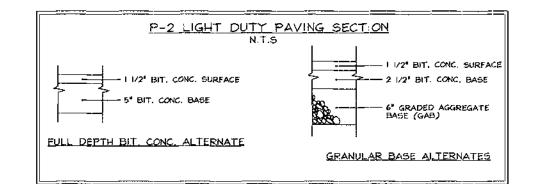
DEVELOPER'S CERTIFICATE

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 DISTRI



SEDIMENT CONTROL NOTES

- I A minimum of 48 hours notice must be given to the Howard County Department of Inspection, License and Permits Sediment Control Division prior to the start of any construction (313-1855).
- 2 All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. and revisions thereto.
- 3 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
- 4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7, 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, sod, temporary seeding, and mulching (Sec. G). Temporary stabilization with mulch alone shall 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 permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- 7 Site Analysis

Tota: Area	1.20 Acres
Area Disturbed	1.20 Acres
Area to be roofed or paved	.93 Acres
Area to be vegetatively stabilized	.27 Acres
Total Cut	1003 CY
Total Fill	37 CY
Offsite waste/borrow area location	*

8 Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.

until this initial approval by the inspection agency is made.

- 9 Adaitional sediment controls must be provided, if deemed necessary by the
- loward 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

- Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized within one working day, whichever is shorter.
- * To be determined by contractor, with pre-approval of the Sediment Control Inspector with an approved and active grading permit

21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL

Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation. <u>Purpose</u>

To provide a suitable soil medium for vegetable growth Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.

Conditions Where Practice Applies This practice is limited to areas having 2:1 or flatter

a The texture of the exposed subsoil/parent material

b. The soi material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.

slopes where:

The original soil to be vegetated contains material toxic to plant growth

d. The soil is so acidic that treatment with timestone is not feasible

II For the purpose of these Standards and Specifications, areas having stopes 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. "ypically, 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.

II. 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 sord. Other soils may be used if recommended by an agronomist or a soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting textured subsails and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger that I and 1/2" in

ii Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, Johnsongrass, 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 tans/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.

II. For sites having disturbed areas under 5 acres: Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization -

Section 1 - Vegetative Stabilization Methods and Materials.

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

CONSERVATION SERVICE DA

3 A PROPORTO FOR SOIL EROSION AND

CONSERVATION DISTRICT

- iii. 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. 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 percent by weight.
- Tapsoil having soluble salt content greater than 500 parts per million shall not be used. d. No sod or seed shall be placed on soil 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-toxic materials. NOTE: Topsoil substitutes or amendments, as recommended by a qualified garanomist or sail scientist and approved by the appropriate approval authority, may be used in lieu of natural topsoil.

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

V. 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" 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 'rregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water pockets.

iv. Topsoil shall not be place while the topsoil or subsoil is in a frazen or muday condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation.

SEQUENCE OF CONSTRUCTION

- 1. Obtain grading permit. 2. Notify Howard County Bureau of Inspections and Permits at (410)313-1880 at least 24 hours before starting any work.
- 3. Install Stabilized Construction Entrance,
- with permission from Inspoector before proceeding. (I week) 4. Clear and rough grade site, Remove Ex. Paving and Curb. (2week)
- 5. Construct Storm Drain, and install Inlet Protection. (2 weeks) 6, Begin Building Construction,
- 7. Fine grade site. (4 days) 8. Install curb and gutter, paying and sidewalks. (2 weeks)
- 9. Install Landscaping. (1 week)
- 10. With permission of the Inspector, remove all Sediment Controls from the site. Remove blocking in Riser structure and dewatering device. Install permanent low flow device in Riser structure. Stabilize all disturbed areas immediately. (I week)
- II. During grading and after each rainfall, contractor will inspect and provide necessary maintenance to the Sediment Control measures on this plan.
- 12. Following initial soil disturbances or redisturbance permanent or temporary stabilization shall be completed within:

 A. 7 calendar days for all perimeter Sediment Control Structures, Dikes,
 - Swales and all slopes greater than 3:1. B. 14 calendar days for all other disturbed areas.

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE

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

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/ 100 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 the time of seeding, apply 400 lbs. per acre

30-0-0 ureaform fertilizer (9 lbs/1000 sq.ft.) 2) Acceptable-Apply 2 tons per acre dolomatic limestone (92 lbs/ 1000 sq.ft.) and apply 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 I thru April 30, and August I thru October 15, seed with 60 lbs. per acre (1.4 lbs/1000 sq.ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. 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 thru February 28, protect site by: Option (1) 2 tons per acre well anchored straw mulch and seea as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored

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 sa,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.

TEMPORARY SEEDING NOTES

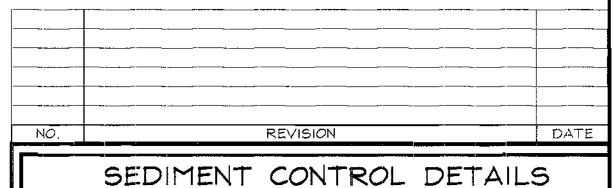
SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously

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

SEEDING: For periods March I thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushel per acre of annual rye (3.2 Ibs./1000 sq.ft.) For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (.07 lbs./1000 sq.ft.). For the period November 1 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 use sod.

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.

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



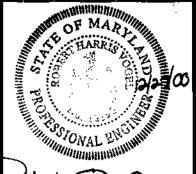
MISCELLANEOUS DETAILS AND STORM DRAIN PROFILE

ANTWERPEN USED CAR FACILITY PARCEL 'B' HOLWECK SUBDIVISION

TAX MAP #34 REFERENCE F 94-38, SDP 95-23 PARCEL 'B' 5TH ELECTION DISTRCT HOWARD COUNTY, MARYLAND



3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043 Tel 410.461.5828 Fax 410.465.3966



DESIGN BY: ___ JCO_ DRAWN BY: _ RLP CHECKED BY: RHV DATE: Dec. 21, 2000 AS-SHOWN SCALE:

W.O. NO.: 00-068

5 SHEET

OWNER/DEVELOPER Jacob Antwerpen Antoy LLC P.O. Box 144 CLARKVILLE, MD, 21029 Tetepone: (410) 531 - 5700

C \Land Prajects\00 &8\dwg\8029s4 dwo = E 1 2 2 00

REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

(2) (C)

Land Date

ROBERT H. VOGEL

SIGNATURE OF ENGINEER