

SEPTIC DESIGN

EASEMENT AREA = 5,900 SF
TRENCHES
 3' WIDE
 2' STONE DEPTH WITH 4' OF COVER
BUILDING
 400 GALLONS PER DAY
 SEPTIC TANK SIZE = 1800 GAL
 (400 GAL/DAY)
 [0.8 GAL/SF/DAY X 3 FT] = 167 LF TRENCH

SEPTIC DATA

BUILDING
 FF=468.50'
 INV. OUT=466.50'
TRENCHES
 EXISTING GRADE=469.00'
 34 LF SMC @ 3%
 INV. IN = 465.48'
 INV. OUT = 464.98'
DISTRIBUTION BOX
 EXISTING GRADE=467.00'
 PROPOSED GRADE=467.00'
 35 LF SMC @ 2%
 INV. IN = 464.28'
 INV. OUT = 463.78'

GLASER & SHAVELL
 LIBER 3428, FOLIO 553
 TAX MAP 34, P. 185
 ZONED RC-DEO

CISSEL
 LIBER 448, FOLIO 683
 TAX MAP 35, P. 258
 ZONED B-2

SDMC ASSOCIATES
 LIBER 2005, FOLIO 573
 TAX MAP 34, P. 17
 ZONED B-1

FOSTER PROPERTY
 LOT A-2
 PLAT M.D.R. NO. 11307
 ZONED B-2
 SDP-97-71

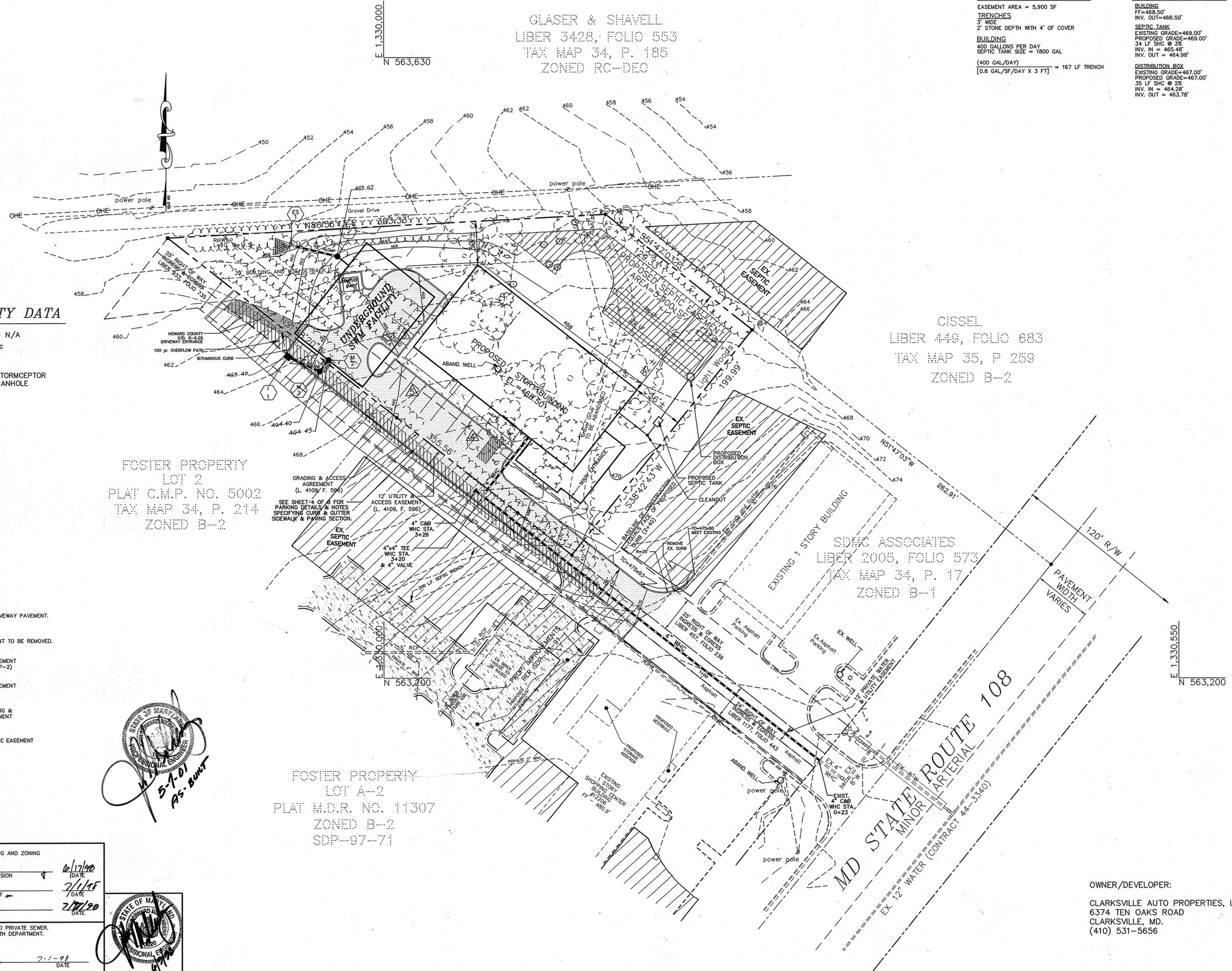
AS-BUILT
 5-1-01

SWM FACILITY DATA

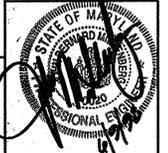
HAZARD CLASSIFICATION - N/A
 DRAINAGE AREA - 1.33 Ac
 PROPOSED RCN - 84
 PROPOSED Tc - 0.11 hrs
 WATER QUALITY TYPE - STORMCEPTOR
 MANHOLE
 OWNERSHIP - PRIVATE
 MAINTENANCE - PRIVATE
 2 YR WSEL = 459.40
 10 YR WSEL = 460.80

LEGEND

-  PROP. P-2 DRIVEWAY PAVEMENT.
-  EXIST. PAVEMENT TO BE REMOVED.
-  PROPOSED PAVEMENT (HO. CO. STD. P-2)
-  PROPOSED PAVEMENT (SDP-97-71)
-  PRIVATE GRADING & ACCESS AGREEMENT
-  EXISTING SEPTIC EASEMENT



APPROVED: DEPARTMENT OF PLANNING AND ZONING
 [Signature] 6/17/98 DATE
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] 7/1/98 DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT
 [Signature] 7/17/98 DATE
 DIRECTOR
 APPROVED: FOR PUBLIC WATER AND PRIVATE SEWER.
 HOWARD COUNTY HEALTH DEPARTMENT.
 [Signature] 7-1-98 DATE
 HOWARD COUNTY HEALTH OFFICER



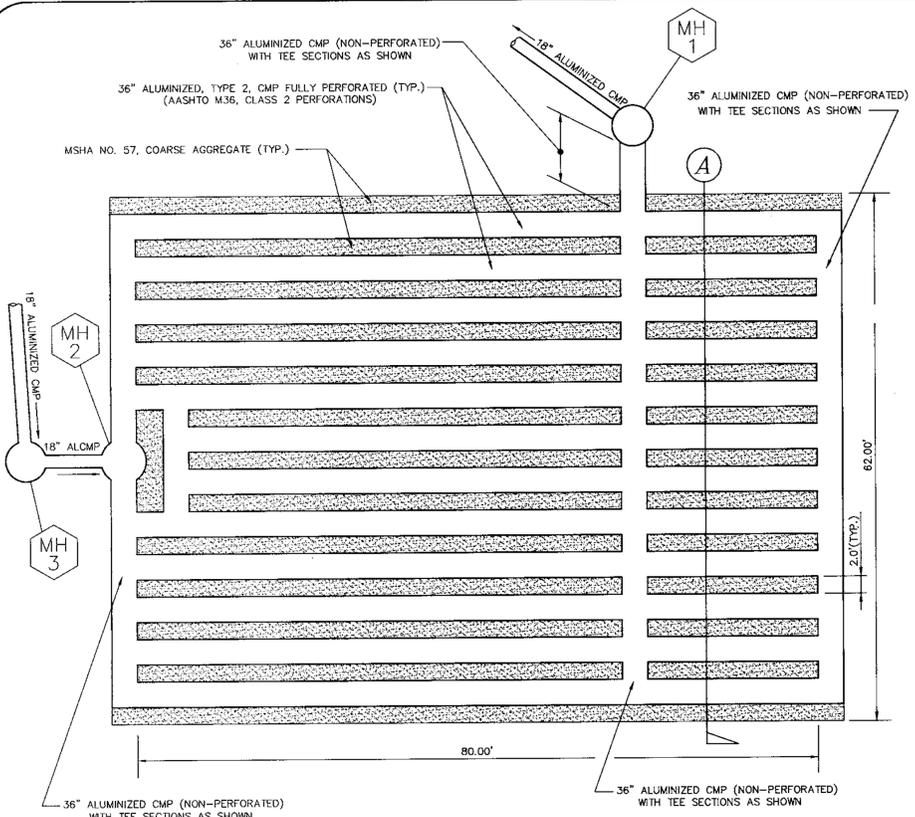
OWNER/DEVELOPER:
 CLARKSVILLE AUTO PROPERTIES, LLC
 6374 TEN OAKS ROAD
 CLARKSVILLE, MD.
 (410) 531-5656

Project	date	description	revisions
98075	MAY 1998	illustration	approval
IS/RLM	IS/JBM	scale	1"=90'

no.	date

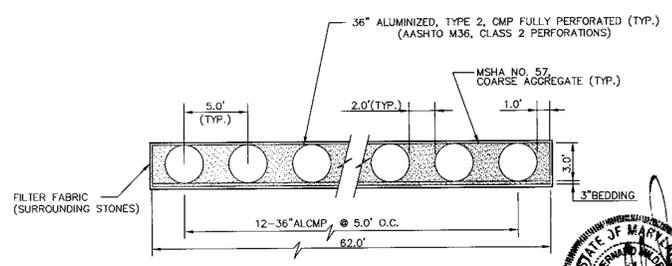
TAX MAP 34, PARCEL 244
CLARKSVILLE AUTO CENTER
 HOWARD COUNTY, MARYLAND
 5TH ELECTION DISTRICT
SITE AND GRADING PLAN

MILDENBERG, BOENDER & ASSOC., INC.
 Engineers Planners Surveyors
 5022 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland, 21042
 (410) 987-0296 Balt. (301) 621-5521 Wash. (410) 597-0298 Fax.



STORM WATER MANAGEMENT FACILITY

N.T.S.



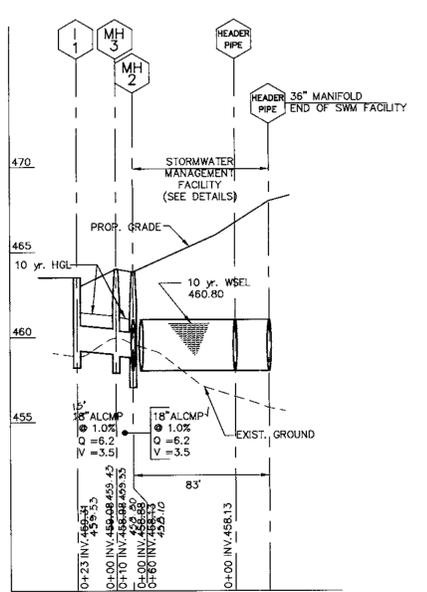
SECTION A

N.T.S.

STRUCTURE SCHEDULE

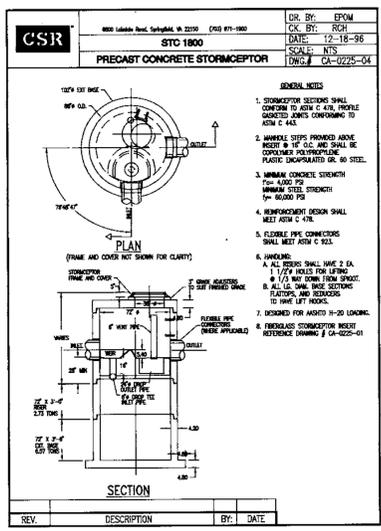
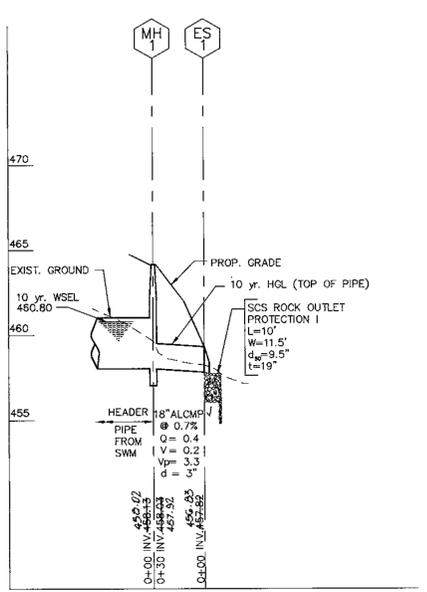
STRUCTURE #	STRUCTURE TYPE	LOCATION	TOP ELEV.	INV. IN	INV. OUT
ES-1	HO.CO. STD. SD 5.61 METAL END SECTION	BASELINE STA 5+06 36.5' OFFSET RIGHT	N/A	457.82'	N/A
MH-1	HO.CO. STD. C 5.01 MANHOLE	BASELINE STA 4+82 49.5' OFFSET RIGHT	464.00'	458.13	458.03
MH-2	HO.CO. STD. C 5.01 MANHOLE	BASELINE STA 4+39 33.0' OFFSET RIGHT	464.64'	458.88	458.13
MH-3	STORMCEPTOR MANHOLE STC 1800	BASELINE STA 4+39 20.5' OFFSET LEFT	464.40'	459.08	458.98
I-1	HO.CO. STD. SD 4.01 A-5 INLET, W=2'-6"	BASELINE STA 4+83 24' OFFSET LEFT	463.50'	N/A	459.31

ALL STATIONS ARE TO CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.
ALL OFFSETS ARE TO FACE OF CURB FOR INLETS, AND TO CENTERLINE FOR OTHER STRUCTURES.



STORM DRAIN PROFILES

SCALE: 1"=50' HOR
1"=5' VER

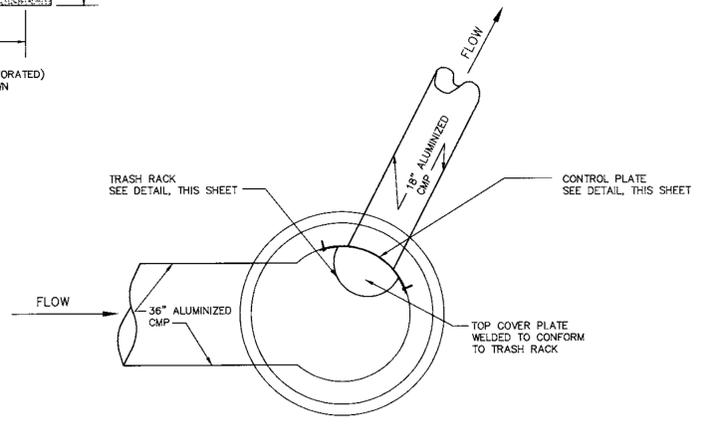


CSR Precast Concrete Stormceptor Order Request Form

CONTRACTOR INFORMATION
 Name: _____
 Address: _____
 City: _____
 State: _____
 Zip: _____
 Phone: _____

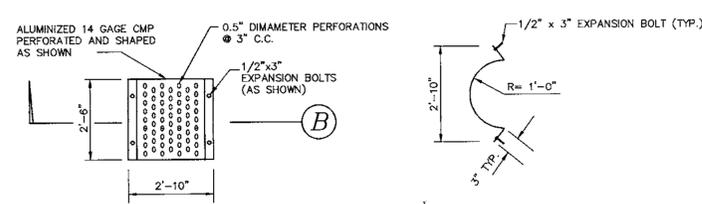
OWNER INFORMATION
 Name: _____
 Address: _____
 City: _____
 State: _____
 Zip: _____
 Phone: _____

PLEASE FILL OUT COMPLETELY AND FAX TO: CSR
 ATTN: ED O'MALLEY FAX: (703)922-5659, PHONE: (703)971-1900
 FOR TECHNICAL ASSISTANCE PLEASE CALL MIKE BARG, PHONE (703)971-1900



DETAIL - MANHOLE NO. 1

N.T.S.

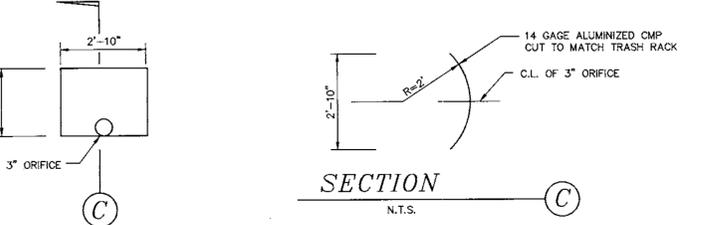


DETAIL - TRASH RACK

N.T.S.

SECTION B

N.T.S.



DETAIL - CONTROL PLATE

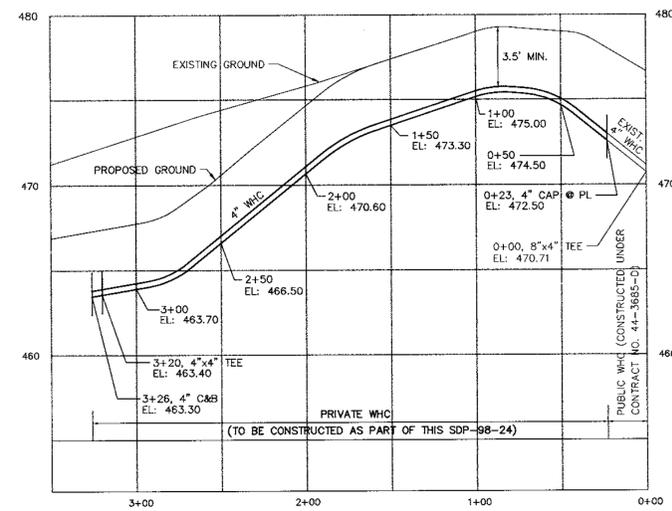
N.T.S.

OPERATION AND MAINTENANCE SCHEDULE FOR STORMCEPTOR WATER QUALITY DEVICE

- STORMCEPTOR WATER QUALITY STRUCTURES WILL REQUIRE PERIODIC INSPECTION AND CLEANING TO MAINTAIN OPERATION AND FUNCTION. OWNERS WILL HAVE THE STORMCEPTOR UNIT INSPECTED YEARLY OR AS REQUIRED BY HOWARD COUNTY. UTILIZING THE STORMCEPTOR INSPECTION/MONITORING FORM. INSPECTIONS CAN BE DONE BY USING A CLEAR PLEXIGLASS TUBE ("SLUDGE JUDGE") TO EXTRACT A WATER COLUMN SAMPLE. WHEN SEDIMENT DEPTHS EXCEED THE SPECIFIED LEVEL (TABLE 6 OF TECHNICAL MANUAL) THEN CLEANING OF THE UNIT IS REQUIRED.
- STORMCEPTOR WATER QUALITY STRUCTURES MUST BE CHECKED AND CLEANED IMMEDIATELY AFTER PETROLEUM SPILLS, CONTACT APPROPRIATE REGULATORY AGENCIES.
- MAINTENANCE OF STORMCEPTOR UNITS SHOULD BE DONE BY A VACUUM TRUCK WHICH WILL REMOVE THE WATER, SEDIMENT, DEBRIS, FLOATING HYDROCARBONS AND OTHER MATERIALS IN UNIT. THE PROPER CLEANING AND DISPOSAL OF THE REMOVED MATERIALS AND LIQUID MUST BE FOLLOWED.
- INLET AND OUTLET PIPES MUST BE CHECKED FOR ANY OBSTRUCTIONS AND IF ANY OBSTRUCTIONS ARE FOUND THEY MUST BE REMOVED. STRUCTURAL PARTS OF THE STORMCEPTOR WILL BE REPAIRED AS NEEDED.
- OWNER SHALL RETAIN AND MAKE STORMCEPTOR INSPECTION/MONITORING FORMS AVAILABLE TO HOWARD COUNTY OFFICIALS UPON THEIR REQUEST.

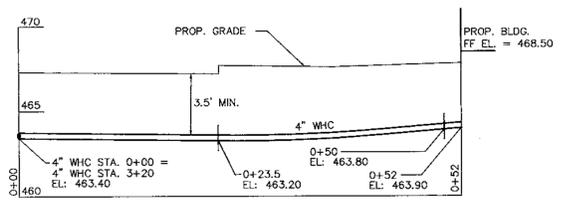
OPERATION AND MAINTENANCE SCHEDULE FOR UNDERGROUND STORMWATER MANAGEMENT SYSTEM

- MAINTENANCE REQUIREMENTS:
- REMOVAL OF SILT WHEN ACCUMULATION EXCEEDS SIX (6) INCHES. REMOVAL SHALL BE ACCOMPLISHED BY PRESSURE WASHING OF FACILITY.
 - REMOVE ACCUMULATED PAPER AND DEBRIS, AS REQUIRED, AT ALL MANHOLES.
 - INSPECT SYSTEM TO ENSURE THAT OUTLET IS FUNCTIONING AND NOT BLOCKED.
- ROUTINE MAINTENANCE:
- FACILITY SHALL BE INSPECTED ANNUALLY AND AFTER MAJOR STORMS. INSPECTIONS SHOULD BE PERFORMED DURING WET WEATHER TO DETERMINE IF THE FACILITY IS FUNCTIONALLY PROPERLY.
 - REMOVE ACCUMULATED PAPER, TRASH AND DEBRIS AS NECESSARY.
- NON-ROUTINE MAINTENANCE:
- STRUCTURAL COMPONENTS OF THE FACILITY, SUCH AS THE MANHOLES, PIPES, TRASH RACKS, AND ORIFICE PLATES SHALL BE REPAIRED UPON THE DETECTION OF ANY DAMAGE.
 - SEDIMENT SHOULD BE REMOVED FROM THE FACILITY WHENEVER AN ACCUMULATION OF SIX (6) INCHES OR MORE IS OBSERVED IN THE OBSERVATION MANHOLES, OR WHEN DEEMED NECESSARY BY THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 - SURFACE CONDITIONS OVER THE FACILITY SHOULD BE INSPECTED MONTHLY TO DETERMINE IF STRUCTURAL FAILURES HAVE OCCURRED. REPAIR AND REPLACE DAMAGED PIPES AND STONE AREAS AS NECESSARY.



4" WHC PROFILE

SCALE: 1"=50' HOR
1"=5' VER



4" WHC PROFILE

SCALE: 1"=10' HOR
1"=5' VER

OWNER/DEVELOPER:
 CLARKSVILLE AUTO PROPERTIES, LLC
 6374 TEN OAKS ROAD
 CLARKSVILLE, MD.
 (410) 531-5656

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 DATE: 6/17/98
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 DATE: 7/1/98
 CHIEF, DIVISION OF LAND DEVELOPMENT

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 DATE: 7/1/98
 DIRECTOR

APPROVED: FOR PUBLIC WATER AND PRIVATE SEWER.
 HOWARD COUNTY HEALTH DEPARTMENT.
 DATE: 7-1-98
 HOWARD COUNTY HEALTH OFFICER



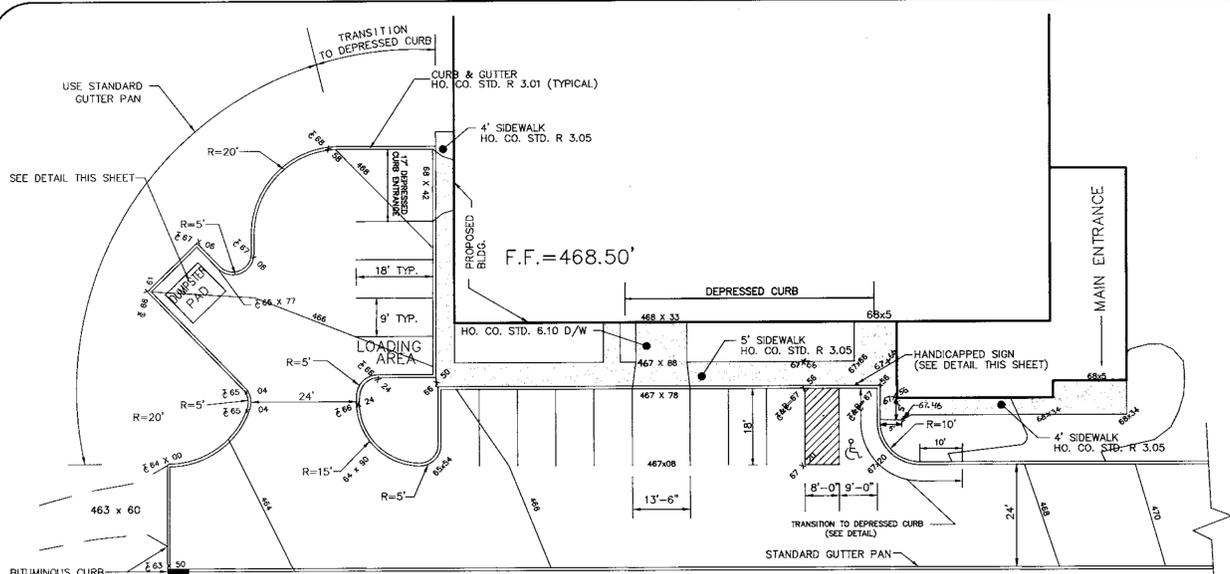
date: MAY 1998
 project: 96075
 illustration: JS/JBM
 scale: approval
 shown: JBM

date: _____
 description: _____
 revision: _____

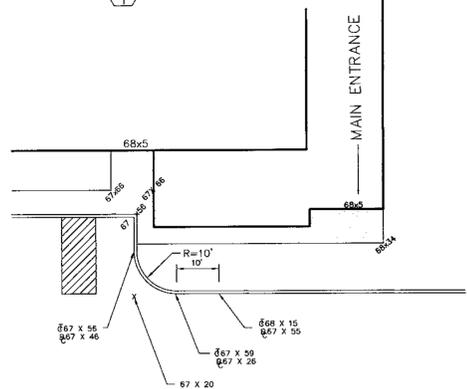
TAX MAP 34, PARCEL 244
 CLARKSVILLE AUTO CENTER
 HOWARD COUNTY, MARYLAND
 5TH ELECTION DISTRICT
 UTILITY PROFILES AND DETAILS

MILDENBERG, BOENDER & ASSOC., INC.
 Engineers Planners Surveyors
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland, 21042
 (410) 997-0256 Bldg. (301) 621-5521 Wash.

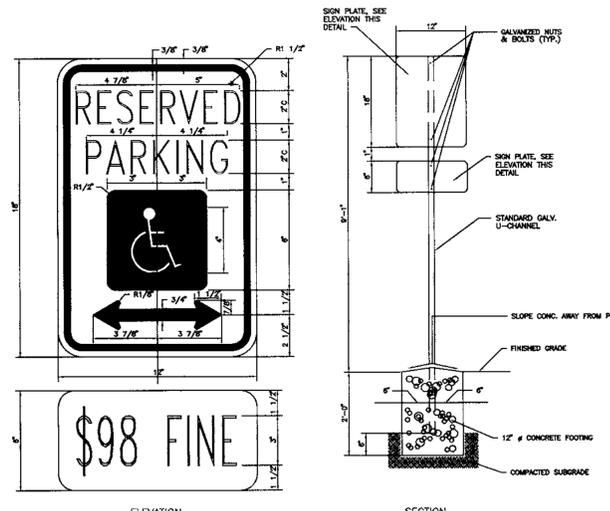
3 OF 8
 SDP-98-24



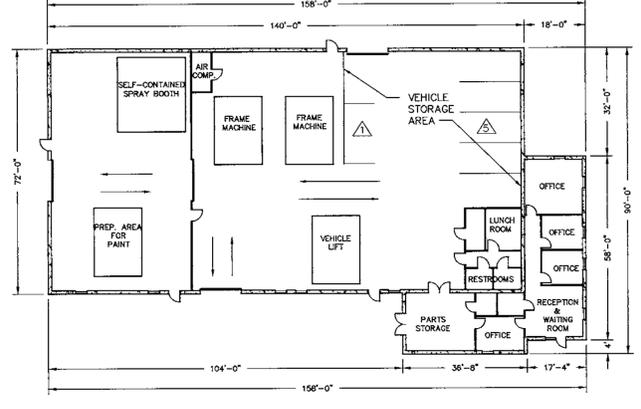
PARKING LOT DETAIL
SCALE: 1"=20'



CURB TRANSITION DETAIL

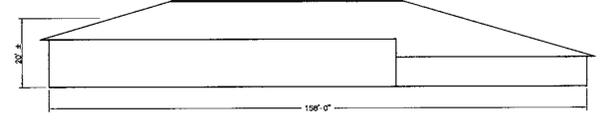


HANDICAPPED SIGN AND POST
NOT TO SCALE



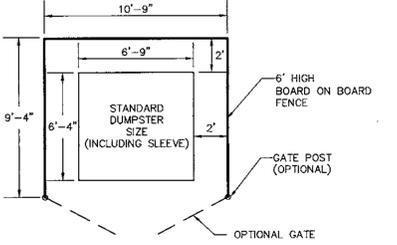
SCHEMATIC BUILDING LAYOUT

PLAN VIEW
N.T.S.
NOTE: THE SIX INTERIOR VEHICLE STORAGE SPACES INDICATED WILL BE USED AS PARKING SPACES FOR VEHICLES AWAITING REPAIR. VEHICLES WILL BE MOVED INSIDE BY EMPLOYEES OF CLARKSVILLE AUTO.

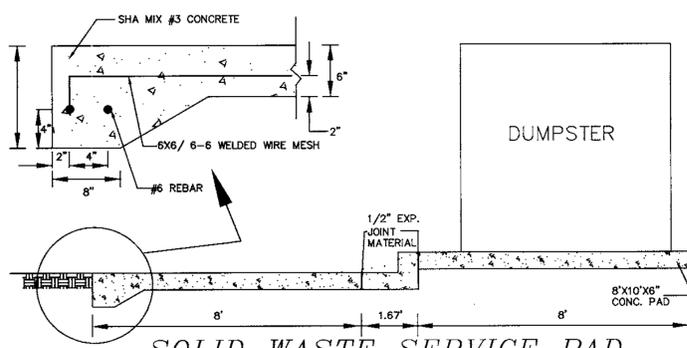


SCHEMATIC BUILDING LAYOUT

FRONT ELEVATION
SCALE: 1/4" = 1'0"



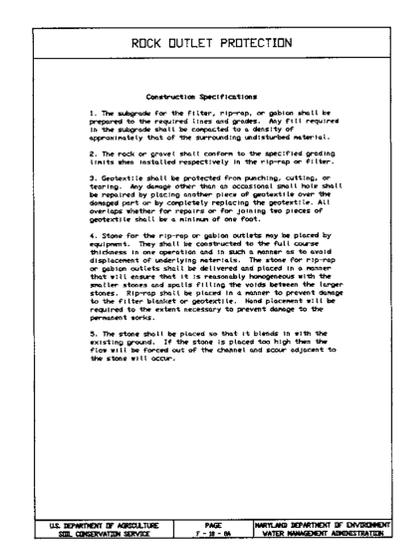
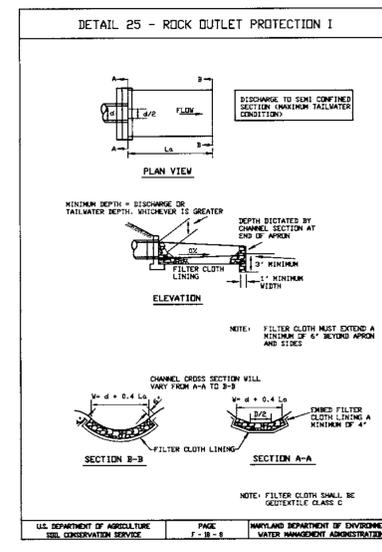
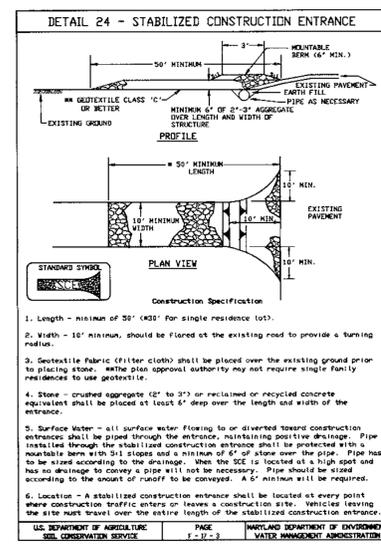
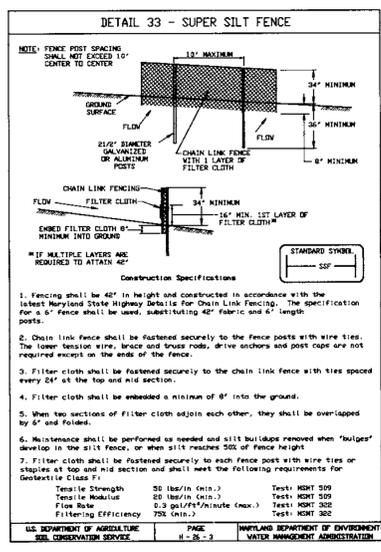
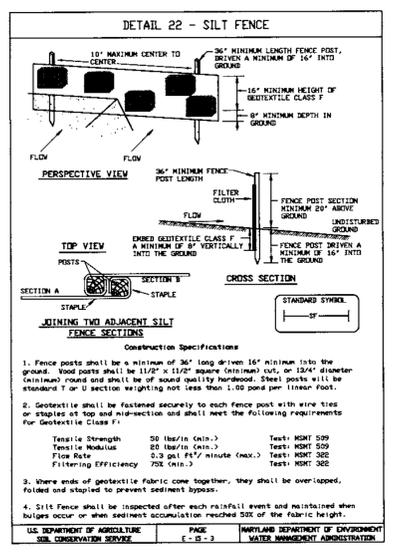
SOLID WASTE CONTAINER ENCLOSURE (TYP.)
HOWARD COUNTY STD. R 11.02
(NOT TO SCALE)



SOLID WASTE SERVICE PAD
HOWARD COUNTY STANDARD R 11.01
(NOT TO SCALE)

NOTES

1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ALL CURB AND GUTTER TO BE HOWARD COUNTY STD. R 3.01
3. USE STD. P-2 HOWARD COUNTY PAVING SECTION
4. SIDEWALK SHALL CONFORM TO HOWARD COUNTY STD. R 3.05
5. USE STANDARD GUTTER PAN WHERE INDICATED, REVERSE GUTTER ON OTHER AREAS.



DEVELOPER'S CERTIFICATE
I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY 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 NATURAL RESOURCE CONSERVATION SERVICE.

6/2/98
SIGNATURE OF DEVELOPER: *Stephen G. Kaffi*
PRINTED NAME OF DEVELOPER: **Stephen G. Kaffi**

ENGINEER'S CERTIFICATE
I CERTIFY THAT THE EROSION AND SEDIMENT 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 NATURAL RESOURCE CONSERVATION SERVICE.

6/2/98
SIGNATURE OF ENGINEER: *[Signature]*
PRINTED NAME OF ENGINEER: **John P. Robertson**

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

6/15/98
USDA - NATURAL RESOURCE CONSERVATION SERVICE
DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

6/15/98
HOWARD SOIL CONSERVATION DISTRICT
DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING
6/17/98
DATE

6/17/98
DATE

7/1/98
DATE

APPROVED: FOR PUBLIC WATER AND PRIVATE SEWER.
HOWARD COUNTY HEALTH DEPARTMENT.

7-1-98
DATE

TAX MAP 34, PARCEL 244
CLARKSVILLE AUTO CENTER
HOWARD COUNTY, MARYLAND
5TH ELECTION DISTRICT
CONSTRUCTION AND SEDIMENT CONTROL DETAILS

PROJECT: 98075
DATE: MAY 1998
ENGINEERING: JS/JBM
SCALE: AS SHOWN
APPROVAL: JBM

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsy Hill Drive, Suite 202, Ellicott City, Maryland, 21042
(410) 987-0286 Fax (301) 821-5521 Wash. (410) 987-0286 Fax

4 OF 8
SDP-98-24

THIS PLAN IS FOR THE PURPOSE OF
SEDIMENT CONTROL ONLY

GLASER & SHAVELL
LIBER 3428, FOLIO 553
TAX MAP 34, P. 185
ZONED RC-DEO

CISSEL
LIBER 446, FOLIO 683
TAX MAP 35, P. 258
ZONED B-2

FOSTER PROPERTY
LOT 2
PLAT C.M.P. NO. 5002
TAX MAP 34, P. 214
ZONED B-2

SDMC ASSOCIATES
LIBER 2005, FOLIO 573
TAX MAP 34, P. 17
ZONED B-1

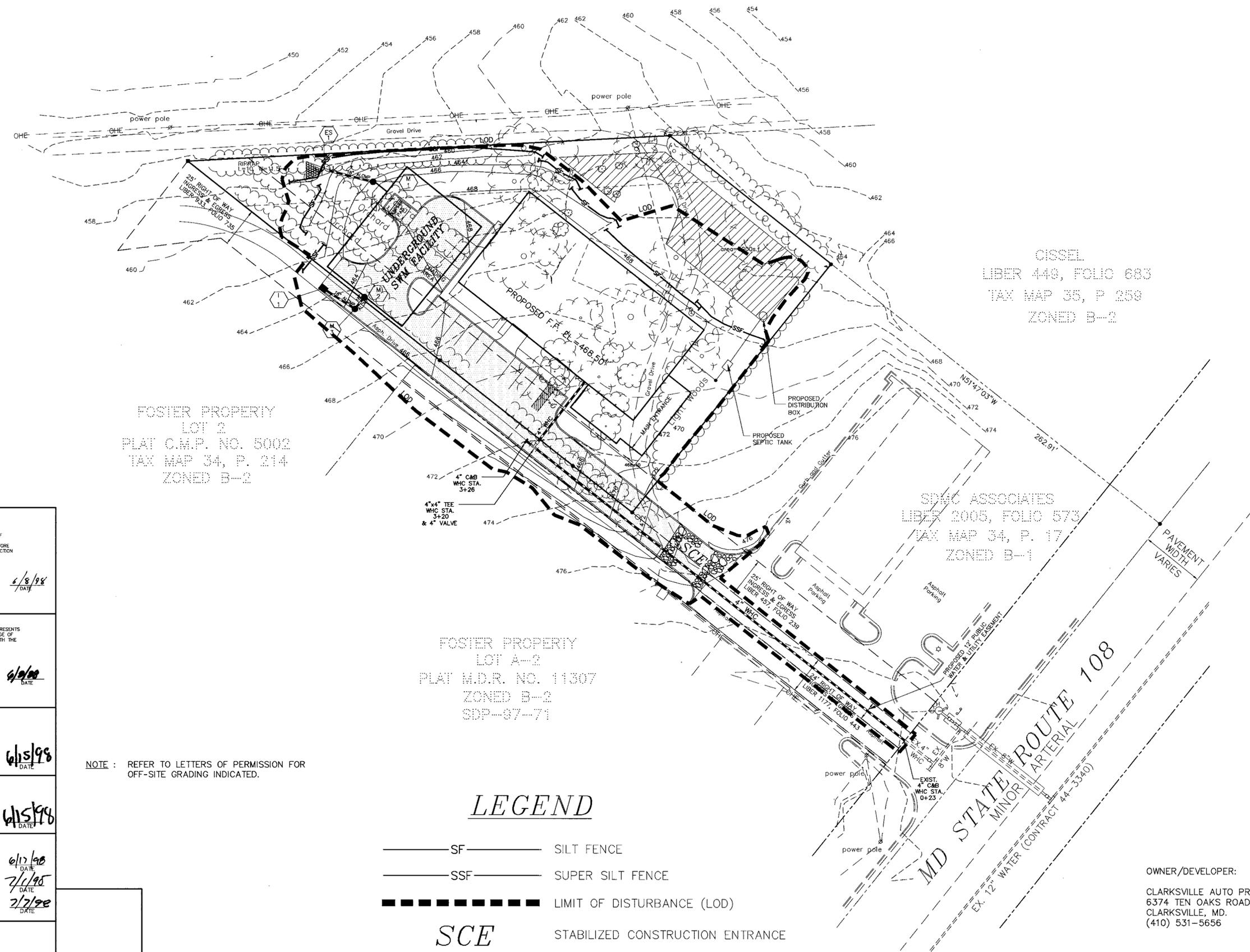
FOSTER PROPERTY
LOT A-2
PLAT M.D.R. NO. 11307
ZONED B-2
SDP-67-71

NOTE: REFER TO LETTERS OF PERMISSION FOR
OFF-SITE GRADING INDICATED.

LEGEND

- SF — SILT FENCE
- SSF — SUPER SILT FENCE
- LOD — LIMIT OF DISTURBANCE (LOD)
- SCE** — STABILIZED CONSTRUCTION ENTRANCE

OWNER/DEVELOPER:
CLARKSVILLE AUTO PROPERTIES, LLC
6374 TEN OAKS ROAD
CLARKSVILLE, MD.
(410) 531-5656



DEVELOPERS CERTIFICATE
I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY 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 NATURAL RESOURCE CONSERVATION SERVICE.

6/8/98
Stephan G. Kuffel
6/15/98
John K. Kauter
6/15/98
6/17/98
7/1/98
7/7/98
7-1-98

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT 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 NATURAL RESOURCE CONSERVATION SERVICE.

6/8/98
John K. Kauter
6/15/98
John K. Kauter
6/15/98

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

6/15/98
John K. Kauter
6/15/98
John K. Kauter
6/15/98

APPROVED: DEPARTMENT OF PLANNING AND ZONING
6/17/98
7/1/98
7/7/98

APPROVED: FOR PUBLIC WATER AND PRIVATE SEWER.
HOWARD COUNTY HEALTH DEPARTMENT.
7-1-98

date	MAY 1998	engineering	JBM	approval	JBM
project	96075	illustration	JBM/RLM	scale	1"=30'

no.		description	revisions	date

TAX MAP 34, PARCEL 244
CLARKSVILLE AUTO CENTER
HOWARD COUNTY, MARYLAND
5TH ELECTION DISTRICT
SEDIMENT CONTROL PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Fax: (301) 621-5521 Wash. (410) 997-0298 Fax.

HILLIS - CARNES ENGINEERING ASSOCIATES, INC. RECORD OF SOIL EXPLORATION

Project Name: Clarksville Auto Body Location: Howard County, Maryland

ELEV.	SOIL DESCRIPTION	STRA. DEPTH	DEPTH SCALE	NO.	SEC.	BORING & SAMPLING NOTES
1-3-3	Brown, moist, loam to medium clay, silty sand with trace of mica (S&D) USDA - Sandy Loam	0.0	12"	1	12"	Topsoil
3-2-3	Light gray, silty sand to silty clay, silty sand with trace of mica (S&D) USDA - Silty Sand	5	18"	2	18"	No groundwater encountered while drilling
10-7-7	Dark brown, silty sand to silty clay, silty sand with trace of mica (S&D) USDA - Silty Sand	10.0	18"	3	18"	Caved to 5.5' at Completion
13-24-17	Dark brown, silty sand to silty clay, silty sand with trace of mica (S&D) USDA - Silty Sand	10.0	18"	4	18"	Bottom of Hole at 10.0'

SAMPLER TYPE: DRIVEN SPLIT SPOON UNLESS OTHERWISE NOTED. SAMPLE CONDITIONS: D-DISINTEGRATED, L-UNDISTURBED, L-LOOSE. GROUND WATER DEPTH: AT COMPLETION, DRY. BORING METHOD: HIGH-LOW FLOW STEM AUGERS.

HILLIS - CARNES ENGINEERING ASSOCIATES, INC. RECORD OF SOIL EXPLORATION

Project Name: Clarksville Auto Body Location: Howard County, Maryland

ELEV.	SOIL DESCRIPTION	STRA. DEPTH	DEPTH SCALE	NO.	SEC.	BORING & SAMPLING NOTES
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SAMPLER TYPE: DRIVEN SPLIT SPOON UNLESS OTHERWISE NOTED. SAMPLE CONDITIONS: D-DISINTEGRATED, L-UNDISTURBED, L-LOOSE. GROUND WATER DEPTH: AT COMPLETION, DRY. BORING METHOD: HIGH-LOW FLOW STEM AUGERS.

HOWARD SOIL CONSERVATION DISTRICT
PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RESTORED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. DO NOT DISTURB UNDERLYING SOILS.

SOIL AMENDMENTS: APPLY 800 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.)

SEEDING: FOR PERIOD MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 80 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING.

MALTING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 80 LBS./1000 SQ.FT.) OF UNLIMITED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. REMOVE STRAW IMMEDIATELY AFTER APPLICATION USING MACHS AND ANCHORAGE TOOLS, OR THE GRADING PER ACRE TO 80 LBS./1000 SQ.FT. OF UNLIMITED STRAW ON FLAT AREAS. ON SLOPES 3 FEET OR HIGHER, USE 200 LBS. PER ACRE TO 80 LBS./1000 SQ.FT. FOR ANCHORAGE.

MAINTENANCE - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RESTORED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. DO NOT DISTURB UNDERLYING SOILS.

SOIL AMENDMENTS: APPLY 800 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.)

SEEDING: FOR PERIOD MARCH 1 THROUGH APRIL 30, AND FROM AUGUST 1 THROUGH OCTOBER 15, SEED WITH 2-1/2 TONS PER ACRE OF BARNYARD MIX (20 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THROUGH AUGUST 15, SEED WITH 3 LBS. PER ACRE OF BARNYARD MIX (30 LBS./1000 SQ.FT.) FOR THE PERIOD NOVEMBER 15 THROUGH NOVEMBER 30, PERFECT SITE BY APPLYING 2 TONS PER ACRE OF WELLS WICKED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SEED.

MALTING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 80 LBS./1000 SQ.FT.) OF UNLIMITED FREE SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. REMOVE STRAW IMMEDIATELY AFTER APPLICATION USING MACHS AND ANCHORAGE TOOLS, OR THE GRADING PER ACRE TO 80 LBS./1000 SQ.FT. OF UNLIMITED STRAW ON FLAT AREAS. ON SLOPES 3 FEET OR HIGHER, USE 200 LBS. PER ACRE TO 80 LBS./1000 SQ.FT. FOR ANCHORAGE.

MAINTENANCE - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

HOWARD SOIL CONSERVATION DISTRICT
STANDARD SEDIMENT CONTROL NOTES

1. A PERIMETER OF 48 HOURS MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF PERIMETER DESIGN AND PERIMETER SEDIMENT CONTROL DESIGN 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 COMPLIANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR PERMANENT SEDIMENT CONTROL AND TEMPORARY STABILIZATION WITH MULCH ALONG CANALS AND ALL SLOPES GREATER THAN 3:1.

3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER 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 1991 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC.5), S&D (SEC. 5A), TEMPORARY SEEDING (SEC. 5C) AND MALTING (SEC.5D). TEMPORARY STABILIZATION WITH MULCH ALONG CANALS 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 PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

7. SITE ANALYSIS:
TOTAL AREA OF SITE: 1.11 ACRES
AREA TO BE RESTORED (S&D): 1.11 ACRES
AREA TO BE VEGETATIVELY STABILIZED (S&D): 0.00 ACRES
TOTAL CUT: 1.00 CU. YDS.
TOTAL FILL: 1.00 CU. YDS.
TOTAL 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 5 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF PERIMETER EROSION AND SEDIMENT CONTROL, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THE 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 BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

HOWARD SOIL CONSERVATION DISTRICT
STANDARD SEDIMENT CONTROL NOTES

1. A PERIMETER OF 48 HOURS MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF PERIMETER DESIGN AND PERIMETER SEDIMENT CONTROL DESIGN 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 COMPLIANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR PERMANENT SEDIMENT CONTROL AND TEMPORARY STABILIZATION WITH MULCH ALONG CANALS AND ALL SLOPES GREATER THAN 3:1.

3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER 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 1991 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC.5), S&D (SEC. 5A), TEMPORARY SEEDING (SEC. 5C) AND MALTING (SEC.5D). TEMPORARY STABILIZATION WITH MULCH ALONG CANALS 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 PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

7. SITE ANALYSIS:
TOTAL AREA OF SITE: 1.11 ACRES
AREA TO BE RESTORED (S&D): 1.11 ACRES
AREA TO BE VEGETATIVELY STABILIZED (S&D): 0.00 ACRES
TOTAL CUT: 1.00 CU. YDS.
TOTAL FILL: 1.00 CU. YDS.
TOTAL 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 5 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF PERIMETER EROSION AND SEDIMENT CONTROL, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THE 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 BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

OPERATION, MAINTENANCE AND INSPECTION

INSPECTION OF THE PROJECT'S SHOW HEREON SHALL BE PERFORMED AT LEAST ANNUALLY, IN ACCORDANCE WITH THE PROJECT AND REQUIREMENTS CONTAINED WITHIN USDA, SCS CHURNER AND SPECIFICATIONS FOR PERMANENT SEEDING (SEC. 5), S&D (SEC. 5A), TEMPORARY SEEDING (SEC. 5C) AND MALTING (SEC.5D). THE FARM OWNER, SUCCESSORS, OR ASSIGNS SHALL BE RESPONSIBLE FOR THE SAFETY OF THE FARM AND THE CONTINUED OPERATION, MAINTENANCE, INSPECTION, AND MAINTENANCE THEREOF. THE FARM OWNER(S) SHALL PROMPTLY NOTIFY THE SOIL CONSERVATION DISTRICT OF ANY UNUSUAL OBSERVATIONS THAT MAY BE INDICATORS OF DISTRESS SUCH AS EXCESSIVE SEDIMENT, TRENCH SEDIMENT, SLIDING OR SLUMPING.

STANDARD AND SPECIFICATIONS FOR TOPSOIL

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

Purpose
To provide a suitable soil medium for vegetative 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 have 2:1 or flatter slopes where:
 - The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
 - The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
 - The original soil to be vegetated contains material toxic to plant growth.
 - 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 type cover to be found in the representative soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experimental Station.
 - 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 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 1 1/2" in diameter.
 - Topsoil must be of plants or plant parts such as bermuda grass, quackgrass, johnsongrass, nutsedge, poison ivy, thistle, or others specified.
 - 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. Limestone shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.
 - Place topsoil (if required) and add soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials
 - For sites having disturbed areas under 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:
 - 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.
 - Organic content of soil shall be not less than 1.5% by weight.
 - Topsoil having soluble salt content greater than 500 parts per million shall not be used.
 - 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 phytotoxic materials.
 - 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:
 - 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 prior to use.
 - Composted sludge shall be applied at a rate of 1 ton/1,000 square feet
 - Composted sludge shall be amended with a potassium fertilizer applied at the rate of 4lb/1,000 square feet, and 1/3 the normal lime application rate.

HILLIS - CARNES ENGINEERING ASSOCIATES, INC. RECORD OF SOIL EXPLORATION

Project Name: Clarksville Auto Body Location: Howard County, Maryland

ELEV.	SOIL DESCRIPTION	STRA. DEPTH	DEPTH SCALE	NO.	SEC.	BORING & SAMPLING NOTES
1-3-3	Brown, moist, very loamy to loamy, micaceous silty sand (S&D) USDA - Loamy Sand	0.0	12"	1	12"	Topsoil
3-2-4	Light gray, silty sand to silty clay, silty sand with trace of mica (S&D) USDA - Silty Sand	5	18"	2	18"	No groundwater encountered while drilling
2-3-3	Light gray, silty sand to silty clay, silty sand with trace of mica (S&D) USDA - Silty Sand	5	18"	3	18"	Caved to 5.5' at Completion
4-4-6	Light gray, silty sand to silty clay, silty sand with trace of mica (S&D) USDA - Silty Sand	10.0	18"	4	18"	Bottom of Hole at 10.0'

SAMPLER TYPE: DRIVEN SPLIT SPOON UNLESS OTHERWISE NOTED. SAMPLE CONDITIONS: D-DISINTEGRATED, L-UNDISTURBED, L-LOOSE. GROUND WATER DEPTH: AT COMPLETION, DRY. BORING METHOD: HIGH-LOW FLOW STEM AUGERS.

HILLIS - CARNES ENGINEERING ASSOCIATES, INC. RECORD OF SOIL EXPLORATION

Project Name: Clarksville Auto Body Location: Howard County, Maryland

ELEV.	SOIL DESCRIPTION	STRA. DEPTH	DEPTH SCALE	NO.	SEC.	BORING & SAMPLING NOTES
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DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY 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 NATURAL RESOURCE CONSERVATION SERVICE.

Signature of Developer: *Stephen G. Koff* DATE: 6/6/98

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN, PERMITS AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE DESIGN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATURAL RESOURCE CONSERVATION SERVICE.

Signature of Engineer: *John M. Koff* DATE: 6/9/98

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Signature: *Cheryl Simmon* DATE: 6/15/98

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Signature: *John K. Koff* DATE: 6/15/98

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Signature: *John K. Koff* DATE: 6/10/98

Signature: *John K. Koff* DATE: 7/1/98

Signature: *John K. Koff* DATE: 7/7/98

APPROVED: FOR PUBLIC WATER AND PRIVATE SEWER HOWARD COUNTY HEALTH DEPARTMENT.

Signature: *John K. Koff* DATE: 7-1-98

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT. (1 DAY)
- INSTALL STABILIZED CONSTRUCTION ENTRANCE. (2 DAYS)
- CONSTRUCT SILT FENCES AS SHOWN. (2 DAYS)
(REMOVE EX. PAVEMENT IN DRIVEWAY ONLY AS NECESSARY FOR SILT FENCE CONSTRUCTION)
- CONSTRUCT SWM SYSTEM AND STORM DRAIN SYSTEM, AND BLOCK INLETS. (14 DAYS)
- CONSTRUCT WATER HOUSE CONNECTION. (2 DAYS)
(EXCAVATION & BACKFILL SHALL BE LIMITED TO THAT WHICH CAN BE STABILIZED WITHIN ONE WORKING DAY. ALL EXCAVATED MATERIAL SHALL BE PLACED ON THE UPSHILL SIDE OF UTILITY TRENCH. IN AREAS OF EXISTING PAVEMENT, STABILIZE WITH STONE AGGREGATE UNTIL PERMANENT PAVING REPAIR CAN BE DONE.)
- GRADE SITE AS REQUIRED. (14 DAYS)
- WHEN ALL CONTRIBUTING AREAS HAVE BEEN STABILIZED AND UPON APPROVAL FROM SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE REMAINING AREAS.
- FOLLOWING INITIAL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - 7 CALENDAR DAYS FOR ALL PERIMETER SLOPES GREATER THAN 3:1
 - 14 CALENDAR DAYS FOR ALL OTHER DISTURBED GRADED AREAS ON THE PROJECT SITE

OWNER/DEVELOPER:
CLARKVILLE AUTO PROPERTIES, LLC
6374 TEN OAKS ROAD
CLARKVILLE, MD.
(410) 531-5656

Project: 96075
Date: MAY 1998
Illustration: JS
Scale: SHOWN
Approval: JBM

date	description	revisions

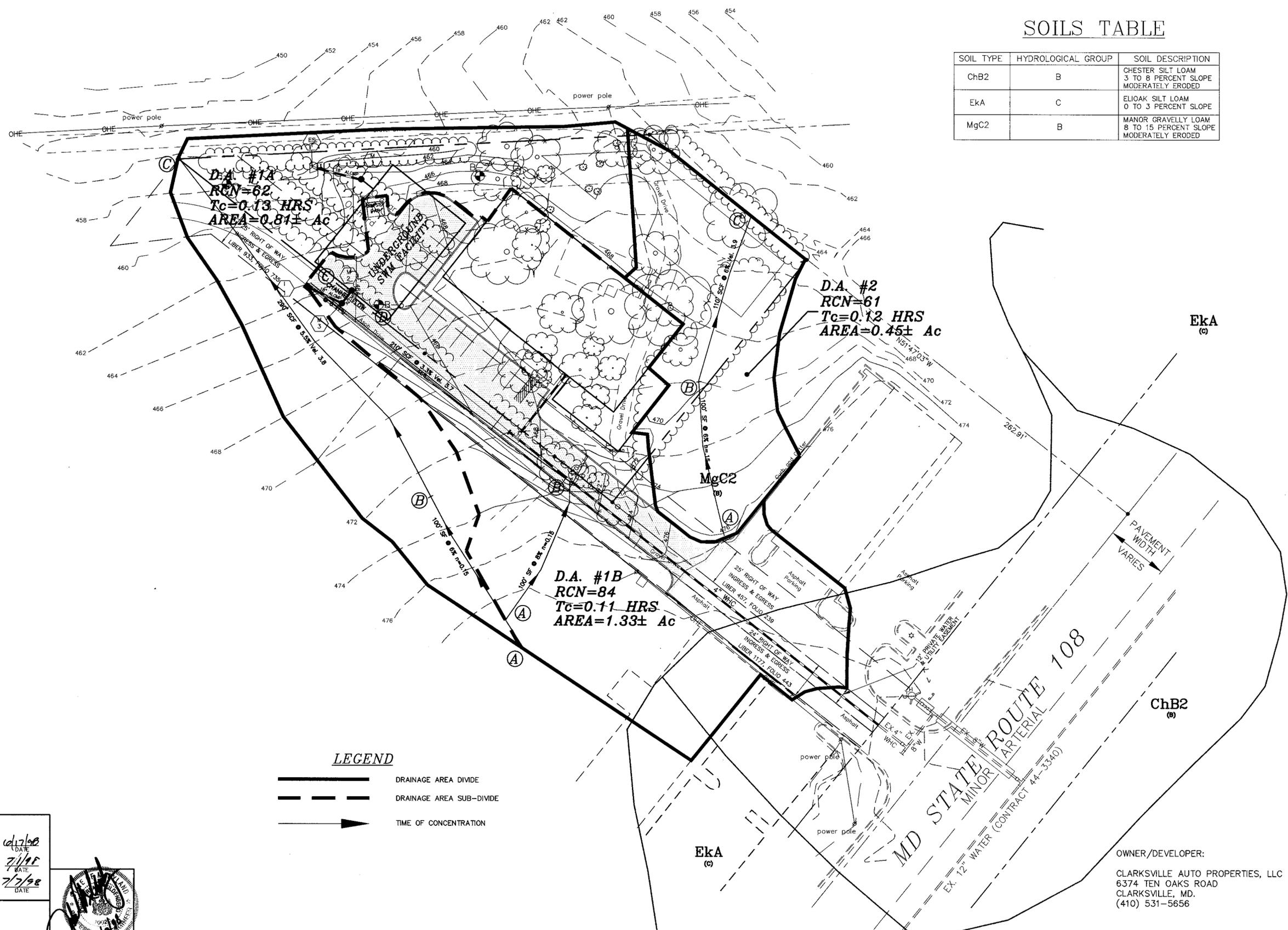
TAX MAP 34, PARCEL 24-4
CALKSVILLE AUTO CENTER
HOWARD COUNTY
5TH ELECTION DISTRICT
STANDARD SEDIMENT CONTROL NOTES AND SOIL BORINGS

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Balt. (301) 821-5521 Wash. (410) 997-0296 Fax.

THIS PLAN IS FOR THE
PURPOSE OF DELINEATING
DRAINAGE AREAS ONLY

SOILS TABLE

SOIL TYPE	HYDROLOGICAL GROUP	SOIL DESCRIPTION
ChB2	B	CHESTER SILT LOAM 3 TO 8 PERCENT SLOPE MODERATELY ERODED
EkA	C	ELIOAK SILT LOAM 0 TO 3 PERCENT SLOPE
MgC2	B	MANOR GRAVELLY LOAM 8 TO 15 PERCENT SLOPE MODERATELY ERODED

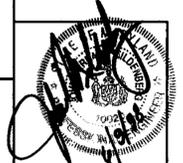


LEGEND

- DRAINAGE AREA DIVIDE
- DRAINAGE AREA SUB-DIVIDE
- TIME OF CONCENTRATION

APPROVED: DEPARTMENT OF PLANNING AND ZONING
[Signature] 04/27/98
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
[Signature] 7/1/98
 CHIEF, DIVISION OF LAND DEVELOPMENT
[Signature] 7/7/98
 DIRECTOR

APPROVED: FOR PUBLIC WATER AND PRIVATE SEWER.
 HOWARD COUNTY HEALTH DEPARTMENT.
[Signature] 7-1-98
 HOWARD COUNTY HEALTH OFFICER



PROJECT: 96075
 DATE: MAY 1998
 ILLUSTRATION: JBM/RLM
 ENGINEERING: JBM
 APPROVAL: JBM

DESCRIPTION: SOILS TABLE
 REVISIONS:

TAX MAP 34, PARCEL 244
 CLARKSVILLE AUTO CENTER
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 PROPOSED DRAINAGE AREA MAP

MILDENBERG,
 BOENDER & ASSOC., INC.
 Engineers Planners Surveyors
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
 (410) 997-0296 Fax. (301) 621-5521 Wash. (410) 997-0298 Fax.

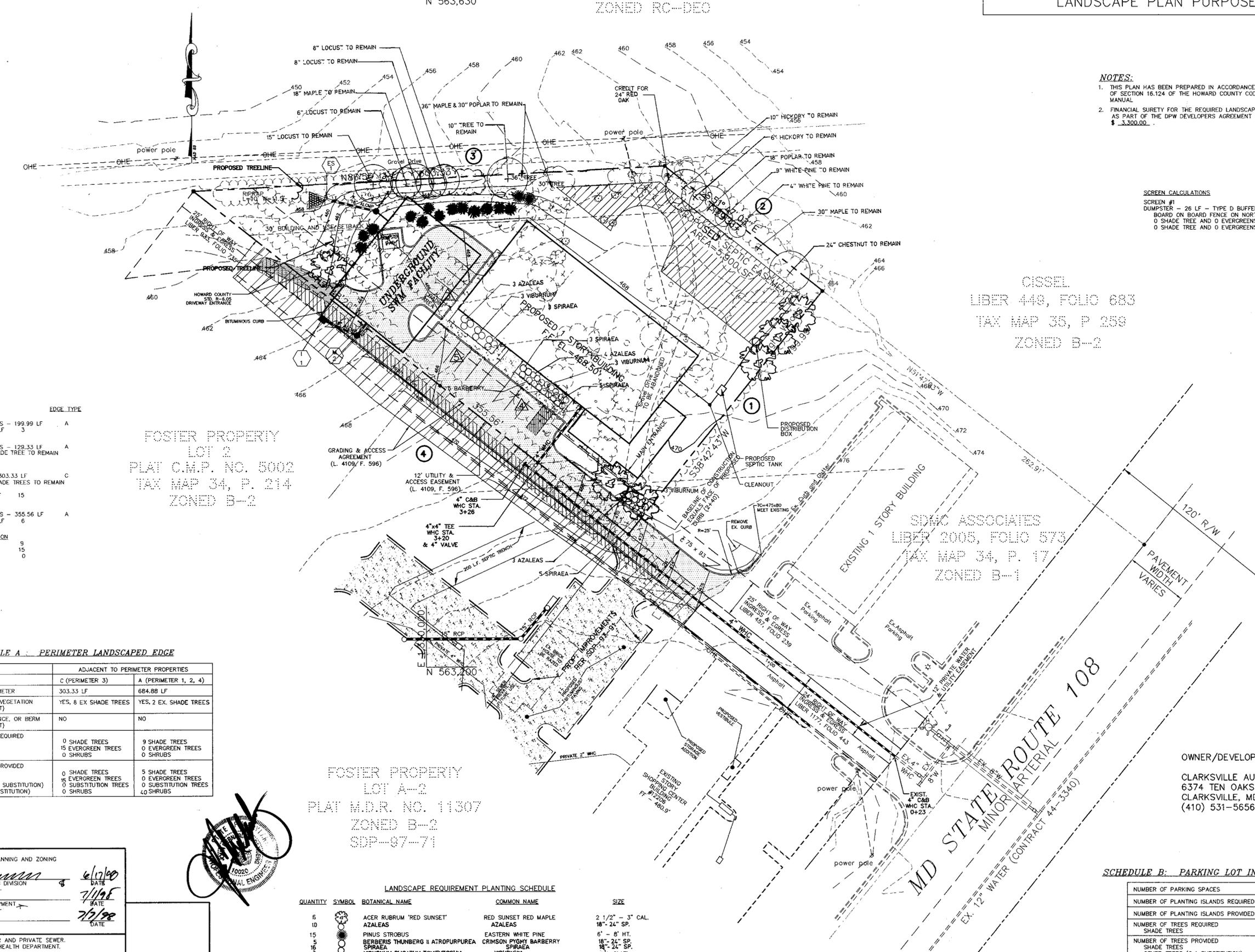
OWNER/DEVELOPER:
 CLARKSVILLE AUTO PROPERTIES, LLC
 6374 TEN OAKS ROAD
 CLARKSVILLE, MD.
 (410) 531-5656

GLASER & SHAVELL
LIBER 3428, FOLIO 553
TAX MAP 34, P. 185
ZONED RC-DEO

NOTE: THIS DRAWING IS TO BE USED FOR
LANDSCAPE PLAN PURPOSES ONLY.

NOTES:
1. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.
2. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELOPERS AGREEMENT IN THE AMOUNT OF \$ 3,300.00.

SCREEN CALCULATIONS
SCREEN #1
DUMPSTER - 26 LF - TYPE D BUFFER
BOARD ON BOARD FENCE ON NORTH, EAST, & WEST SIDES
0 SHADE TREE AND 0 EVERGREENS REQUIRED
0 SHADE TREE AND 0 EVERGREENS PROVIDED



PERIMETER EDGE TYPE

PERIMETER 1	NON-RES TO NON-RES - 199.99 LF	A
	1 SHADE TREE / 60 LF	3
PERIMETER 2	NON-RES TO NON-RES - 129.33 LF	A
	CREDIT FOR 2 EX SHADE TREES TO REMAIN	
PERIMETER 3	NON-RES TO RES - 303.33 LF	C
	CREDIT FOR 8 EX SHADE TREES TO REMAIN	
	1 EVERGREEN / 20 LF	15
PERIMETER 4	NON-RES TO NON-RES - 355.56 LF	A
	1 SHADE TREE / 60 LF	6
TOTAL PLANTING OBLIGATION		
SHADE TREES	9	
EVERGREEN TREES	15	
SHRUBS	0	

FOSTER PROPERTY
LOT 2
PLAT C.M.P. NO. 5002
TAX MAP 34, P. 214
ZONED B-2

CISSEL
LIBER 448, FOLIO 683
TAX MAP 35, P. 258
ZONED B-2

SDMC ASSOCIATES
LIBER 2005, FOLIO 573
TAX MAP 34, P. 17
ZONED B-1

FOSTER PROPERTY
LOT A-2
PLAT M.D.R. NO. 11307
ZONED B-2
SDP-87-71

OWNER/DEVELOPER:
CLARKSVILLE AUTO PROPERTIES, LLC
6374 TEN OAKS ROAD
CLARKSVILLE, MD.
(410) 531-5656

SCHEDULE A - PERIMETER LANDSCAPED EDGE

CATEGORY	ADJACENT TO PERIMETER PROPERTIES
LANDSCAPE TYPE	C (PERIMETER 3) A (PERIMETER 1, 2, 4)
LINEAR FEET OF PERIMETER	303.33 LF 684.88 LF
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	YES, 8 EX SHADE TREES YES, 2 EX SHADE TREES
CREDIT FOR WALL, FENCE, OR BERM (YES, NO, LINEAR FEET)	NO NO
NUMBER OF PLANTS REQUIRED	
SHADE TREES	0 SHADE TREES 9 SHADE TREES
EVERGREEN TREES	15 EVERGREEN TREES 0 EVERGREEN TREES
SHRUBS	0 SHRUBS 0 SHRUBS
NUMBER OF PLANTS PROVIDED	
SHADE TREES	0 SHADE TREES 5 SHADE TREES
EVERGREEN TREES	16 EVERGREEN TREES 0 EVERGREEN TREES
OTHER TREES (2:1 SUBSTITUTION)	0 SUBSTITUTION TREES 0 SUBSTITUTION TREES
SHRUBS (10:1 SUBSTITUTION)	0 SHRUBS 40 SHRUBS

LANDSCAPE REQUIREMENT PLANTING SCHEDULE

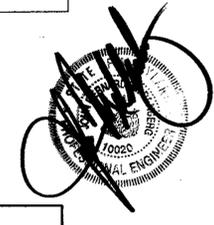
QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
6	☉	ACER RUBRUM 'RED SUNSET'	RED SUNSET RED MAPLE	2 1/2" - 3" CAL. 18" - 24" SP.
10	☉	AZALEAS	AZALEAS	
15	☉	PINUS STROBUS	EASTERN WHITE PINE	6" - 8" HT.
5	☉	BERBERIS THUNBERG II ATROPURPUREA	CRIMSON PYGMY BARBERRY	18" - 24" SP.
16	☉	SPIRAEA	SPIRAEA	18" - 24" SP.
9	☉	VIBURNUM PLICATUM TOMENTOSUM OR EQUIVALENT	VIBURNUM	2 1/2" - 3" HT.
TOTAL				
61			TREES & SHRUBS (6 SHADE TREES, 15 EVERGREENS, 40 SHRUBS)	

SCHEDULE B: PARKING LOT INTERNAL LANDSCAPING

NUMBER OF PARKING SPACES	12
NUMBER OF PLANTING ISLANDS REQUIRED	1
NUMBER OF PLANTING ISLANDS PROVIDED	1
NUMBER OF TREES REQUIRED	1 SHADE TREE
NUMBER OF TREES PROVIDED	1 SHADE TREE
SHADE TREES	1 SHADE TREE
OTHER TREES (2:1 SUBSTITUTION)	0 TREES

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 [Signature] 6/17/00
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] 7/1/00
 CHIEF, DIVISION OF LAND DEVELOPMENT
 [Signature] 7/2/00
 DIRECTOR

APPROVED: FOR PUBLIC WATER AND PRIVATE SEWER.
 HOWARD COUNTY HEALTH DEPARTMENT.
 [Signature] 7-1-99
 HOWARD COUNTY HEALTH OFFICER



date	MAY 1998
project	98075
illustration	IS/SJD
scale	1" = 30'
approval	SJD/IBM

date	1/18/01
description	SHOW LOCATION OF EX. SPECIES TREES, REVISE SCHEDULE 'A' & PLANTING SCHEDULE.
revision	

TAX MAP 34, PARCEL 244
CLARKSVILLE AUTO CENTER
 HOWARD COUNTY, MARYLAND
 5TH ELECTION DISTRICT
LANDSCAPE PLAN

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 Engineers Planners Surveyors
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 (410) 397-0296, Fax (301) 621-5621, Wash. (410) 997-0298 Fax.