

APPENDIX G
FOREST CONSERVATION WORKSHEET

NOTE: THIS SUBDIVISION PLAN IS USING "RURAL CLUSTER OPTION B" OF THE APPENDIX L OF THE FOREST CONSERVATION MANUAL BY INCLUDING THE ENTIRE SITE AREA IN THE CALCULATIONS TO SATISFY ITS FOREST CONSERVATION REQUIREMENT.

I. BASIC SITE DATA (1/10 acre)

GROSS SITE AREA	4.5
AREA WITHIN 100 YEAR FLOODPLAIN	0.0
AREA WITHIN AGRICULTURAL USE OR PRESERVATION PARCEL (IF APPLICABLE)	NA
NET TRACT AREA	4.5
LAND USE CATEGORY (R-RLD, R-RMD, R-S, C/I/O, I)	R-S
RESIDENTIAL - SUBURBAN, COMMERCIAL/INDUSTRIAL/OFFICE, INSTITUTIONAL	

II. INFORMATION FOR CALCULATIONS

A. NET TRACT AREA	4.5
B. REFORESTATION THRESHOLD (25% x A)	1.1
C. AFFORESTATION MINIMUM (20% x A)	0.9
D. EXISTING FOREST ON NET TRACT AREA	0.0
E. FOREST AREAS TO BE CLEARED	0.0
F. FOREST AREAS TO BE RETAINED	0.0

III. DETERMINING REQUIREMENTS: AFFORESTATION OR REFORESTATION

1. Reforestation
If existing forest areas equal or exceed the afforestation minimum (if D equals or is more than C), and clearing of forest areas is proposed, reforestation requirements may apply.

GO TO SECTION IV
If existing forest areas equal or exceed the afforestation minimum (if D equals or is more than C), and no clearing of existing forest resources is proposed, no reforestation is required. No further calculations are needed.

2. Afforestation
If existing forest areas are less than the afforestation minimum (if D is less than C), afforestation requirements apply.

GO TO SECTION V

V. AFFORESTATION CALCULATIONS (1/10 acre)

A. NET TRACT AREA	4.5
B. AFFORESTATION MINIMUM (20% x A)	0.9
C. EXISTING FOREST ON NET TRACT AREA	0.0
D. FOREST AREAS TO BE CLEARED	0.0
E. FOREST AREAS TO BE RETAINED	0.0

SELECT THE ALTERNATE THAT APPLIES:

1. No clearing below the minimum
If existing forests are less than the afforestation minimum (if C is less than B) and NO clearing is proposed, the following calculations apply:

TOTAL AFFORESTATION REQUIRED
B - C = 0.9

Afforestation must make total forest area equal the minimum required.

2. Clearing below the minimum
If existing forests are less than the afforestation minimum (if C is less than B) and clearing is proposed, the following calculations apply:

AFFORESTATION FOR UNFORESTED AREAS BELOW MINIMUM
B - C = NA

REFORESTATION FOR CLEARING BELOW MINIMUM
D x 2 = NA

TOTAL AFFORESTATION + REFORESTATION REQUIRED
(B - C) + (D x 2) = NA

Afforestation requires the total forest area to be equal to the minimum and it requires compensation for clearing.

NOTE: FOREST CONSERVATION OBLIGATION OF 0.9 ACRES SHALL BE MET THROUGH THE PAYMENT OF A FEE-IN-LIEU IN THE AMOUNT OF \$29,400.00.

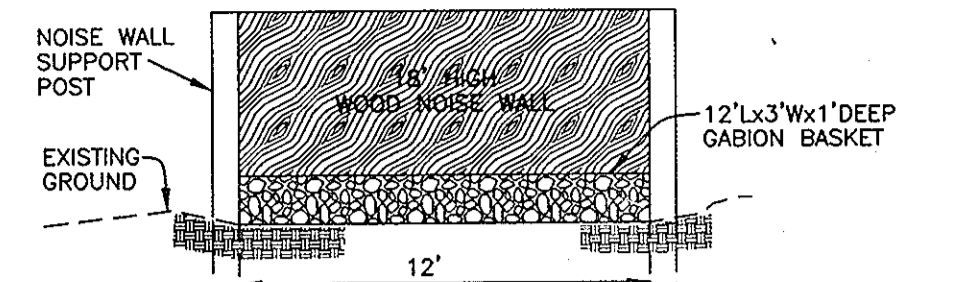
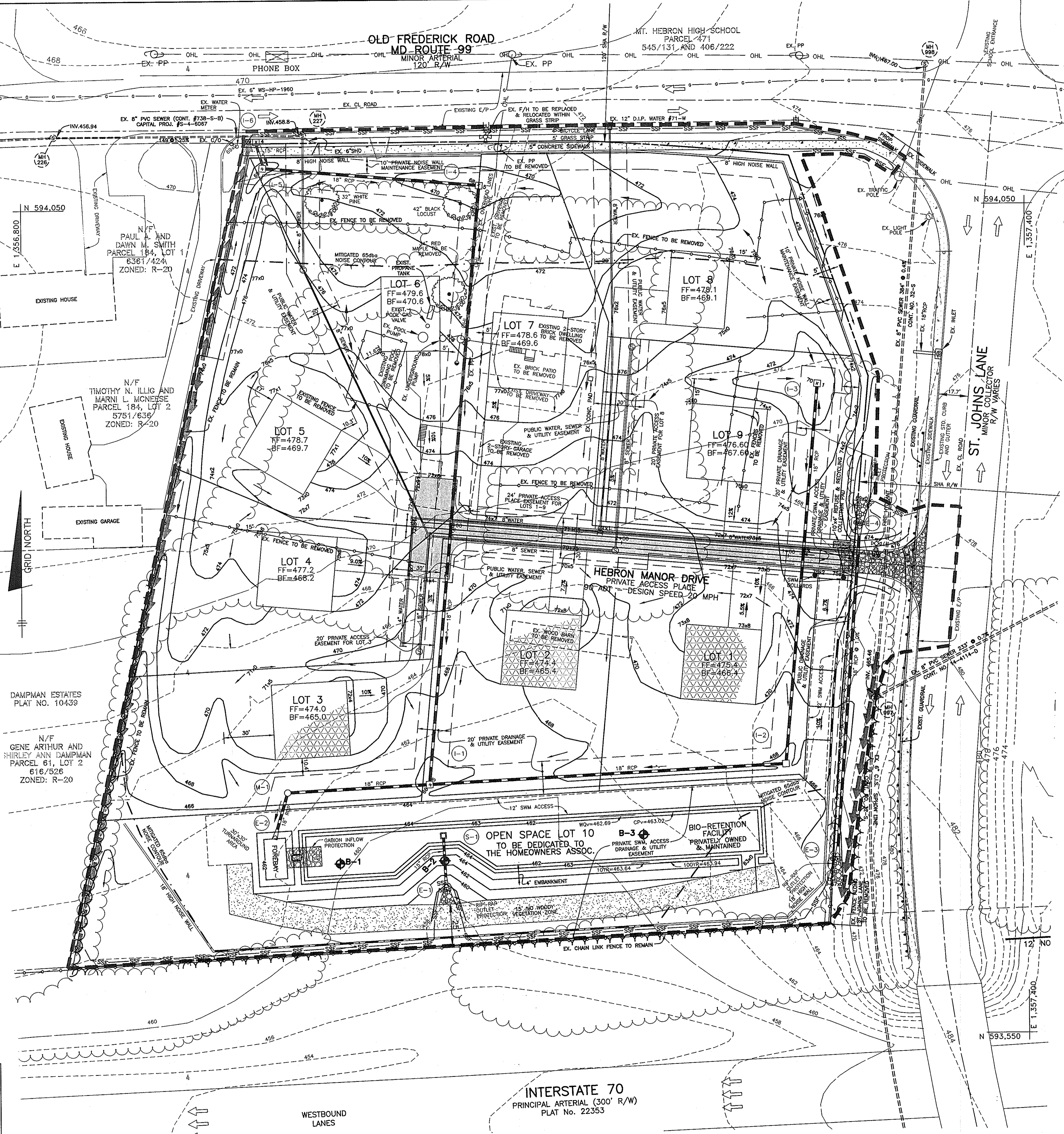
LEGEND

- - - EXISTING CONTOURS (FIELD SURVEYED)
- - - EXISTING TREELINE
- - - PROPOSED CONTOURS
- - - PROPOSED TREELINE
- - - LIMIT OF DISTURBANCE
- - - SUPER SILT FENCE
- - - EARTH DIKE
- - - STABILIZED CONS. ENTRANCE
- - - STRUCTURAL FILL
- - - MITIGATED 65 dBA NOISE CONTOUR

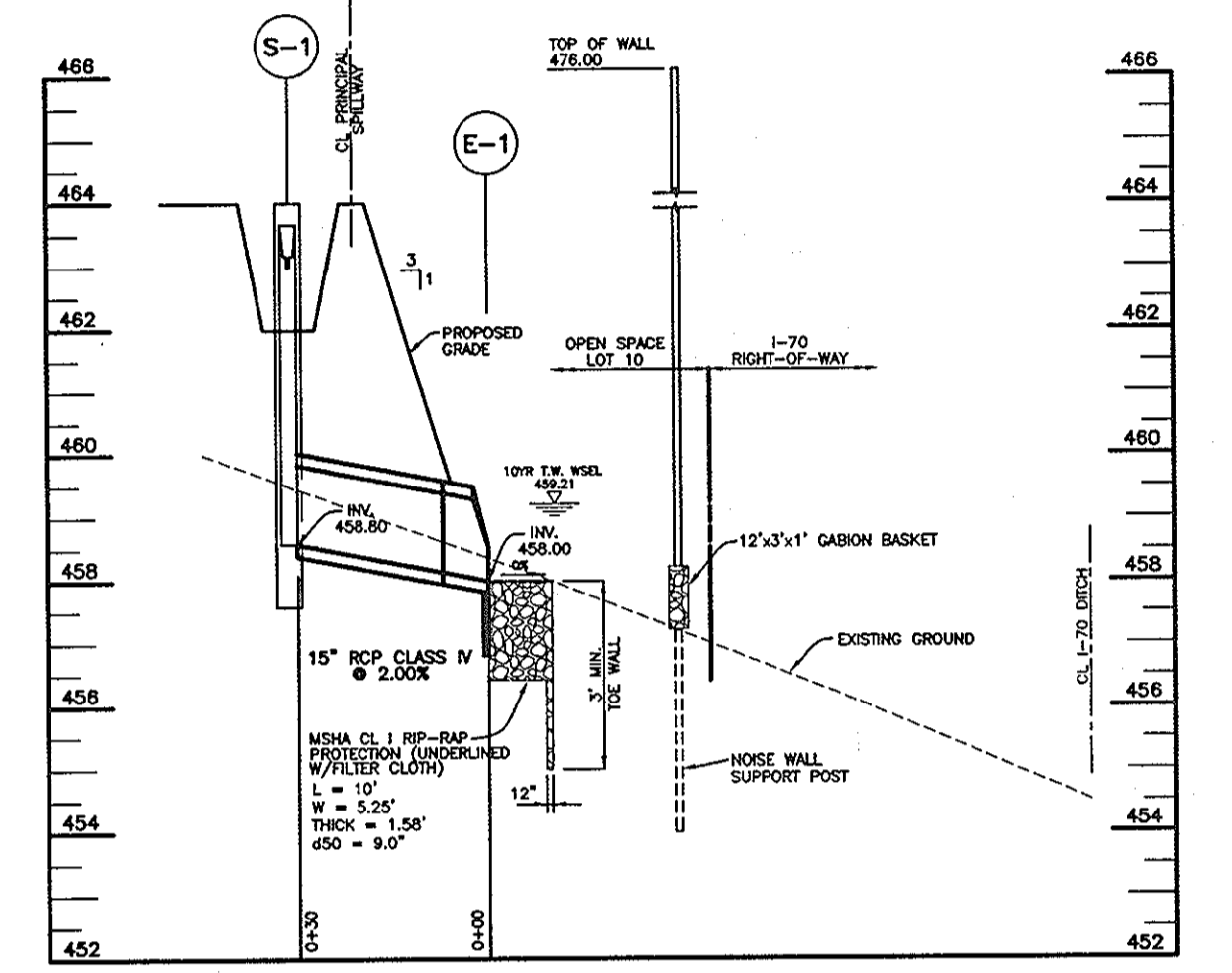
NOTE: EROSION CONTROL MATTING TO BE PLACED IN ALL SWALES

TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY

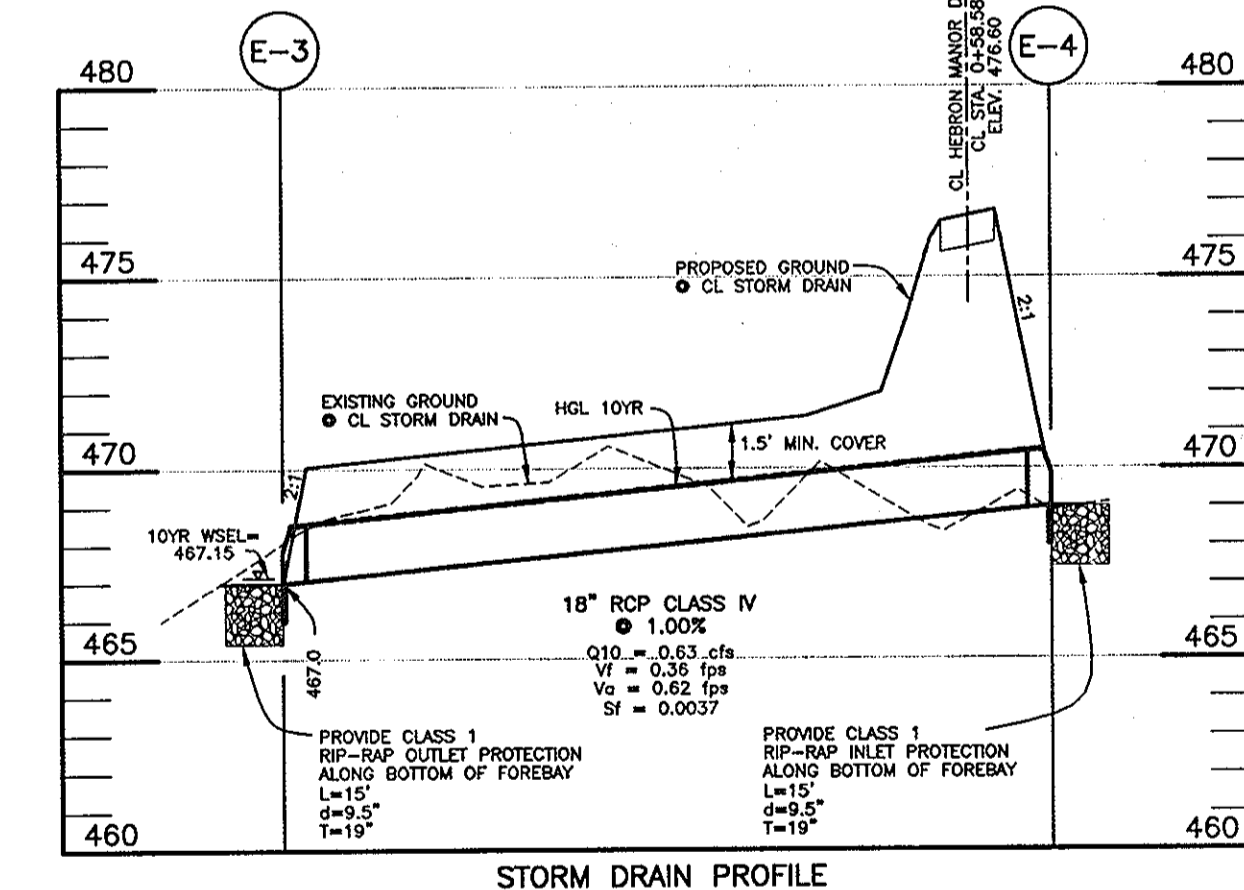
PLANNING DIRECTOR: *[Signature]* DATE: 7/14/07



SECTION VIEW OF BIORETENTION OUTFLOW THROUGH NOISE WALL OPENING
NOT TO SCALE



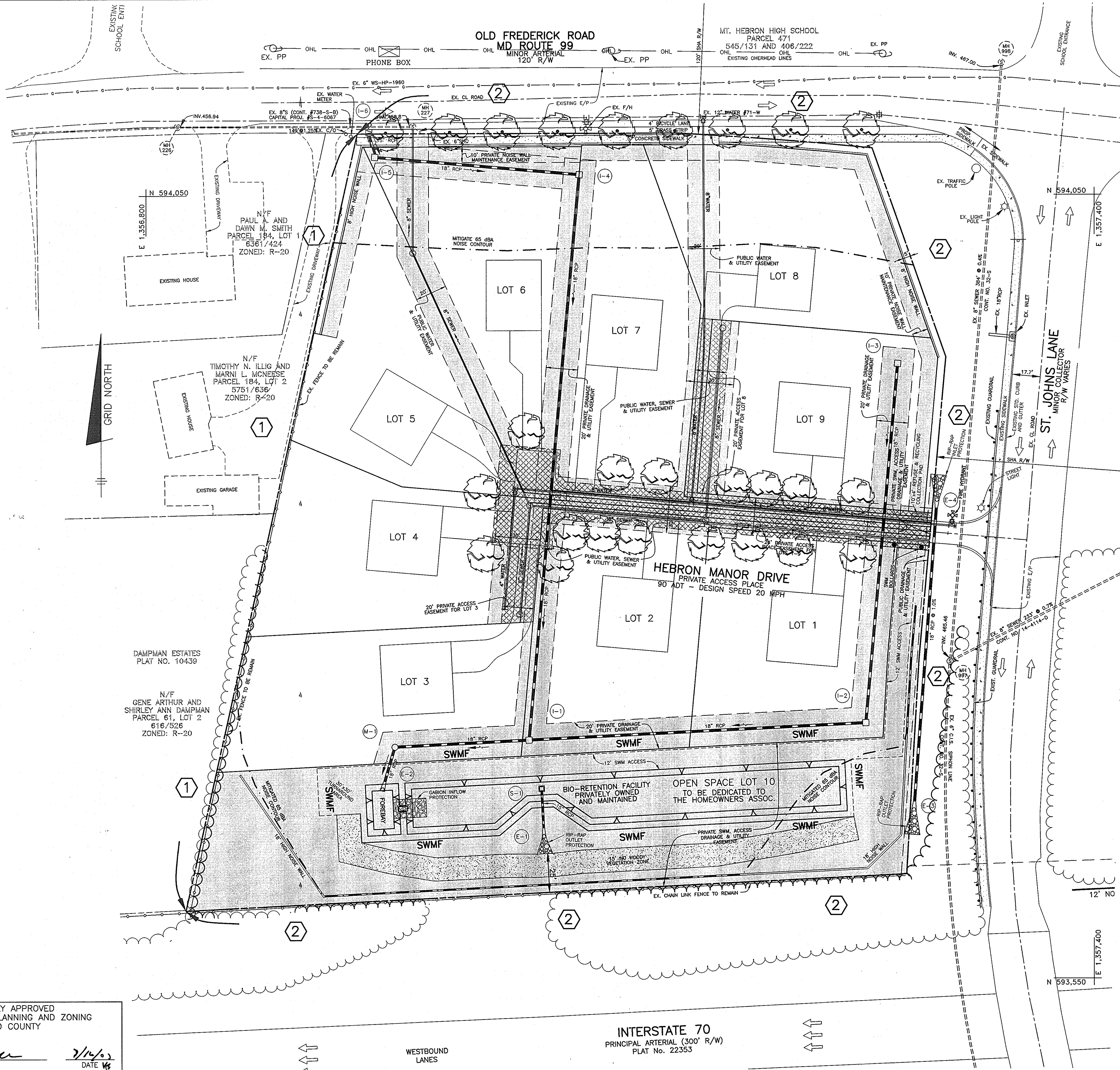
SECTION THRU PRINCIPAL SPILLWAY
SCALE: 1"=30' HORIZ., 1"=3' VERT.



STORM DRAIN PROFILE
SCALE: 1"=50' HORIZ., 1"=5' VERT.

BENCHMARK ENGINEERING, INC.
ENGINEERS • LAND SURVEYORS • PLANNERS
8480 BALTIMORE NATIONAL PIKE & SUITE 418
ELLICOTT CITY, MARYLAND 21043
phone: 410-465-6105 • fax: 410-465-6644

<p>OWNER: HEBRON MANOR LLC 11807 WOLLINGFORD COURT CLARKSVILLE, MARYLAND 21029 410-792-2565</p>	<p>PROJECT: HEBRON MANOR LOTS 1-9 AND OPEN SPACE LOTS 10 & 11</p> <p>LOCATION: TAX MAP: 17 PARCEL: 518 GRID: 15 ZONED: R-20 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>
<p>DEVELOPER: CORNERSTONE HOLDINGS, L.L.C. 9695 NORFOLK AVENUE LAUREL, MARYLAND 20723 410-792-2565</p>	<p>TITLE: PRELIMINARY GRADING, SEDIMENT & EROSION CONTROL PLAN AND FOREST CONSERVATION CALCULATIONS S-03-13 S-03-20 WP-04-46</p>
<p>DATE: JULY, 2007 PROJECT NO. 1596</p>	
<p>DESIGN: DBT DRAFT: DBT CHECK: DAM SCALE: 1" = 30' SHEET 2 OF 5</p>	



SCHEDULE A PERIMETER LANDSCAPE EDGE			
CATEGORY	ADJ. TO PERIMETER PROPERTY	ADJ. TO ROADWAY	TOTALS
	(1)	(2)	
LANDSCAPE TYPE	A 1:60 shade	B 1:50 shade 1:40 evergreen	
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	508'	1255'	
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	
NUMBER OF PLANTS REQUIRED			
SHADE TREES	9	26	35
EVERGREEN TREES	-	32	32
OTHER TREES (2:1 SUBSTITUTE)	-	-	-
SHRUBS	-	-	-

STREET TREE SCHEDULE				
ROAD NAME	PERIMETER	TREES REQ.	SIZE	SPACING
HEBRON MANOR DRIVE	652'	17	MEDIUM	1:40
MD ROUTE 99	327'	9	LARGE	1:40

SCHEDULE D SWM AREA LANDSCAPING	
LINEAR FEET OF PERIMETER	SWM1 760'
LINEAR FEET OF EXISTING WOODS LINE	0
LINEAR FEET OF REQUIRED PLANTING	760'
BUFFER TYPE	"B"
NUMBER OF TREES REQUIRED	1:50 shade 1:40 evergreen
SHADE TREES	16
EVERGREEN TREES	19
CREDIT FOR EXISTING VEGETATION (NO, YES AND %)	NO
CREDIT FOR OTHER LANDSCAPING (NO, YES AND %)	NO

THIS PLAN IS IN COMPLIANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.

BENCHMARK
ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418
ELLICOTT CITY, MARYLAND 21043
phone: 410-465-6105 • fax: 410-465-6644

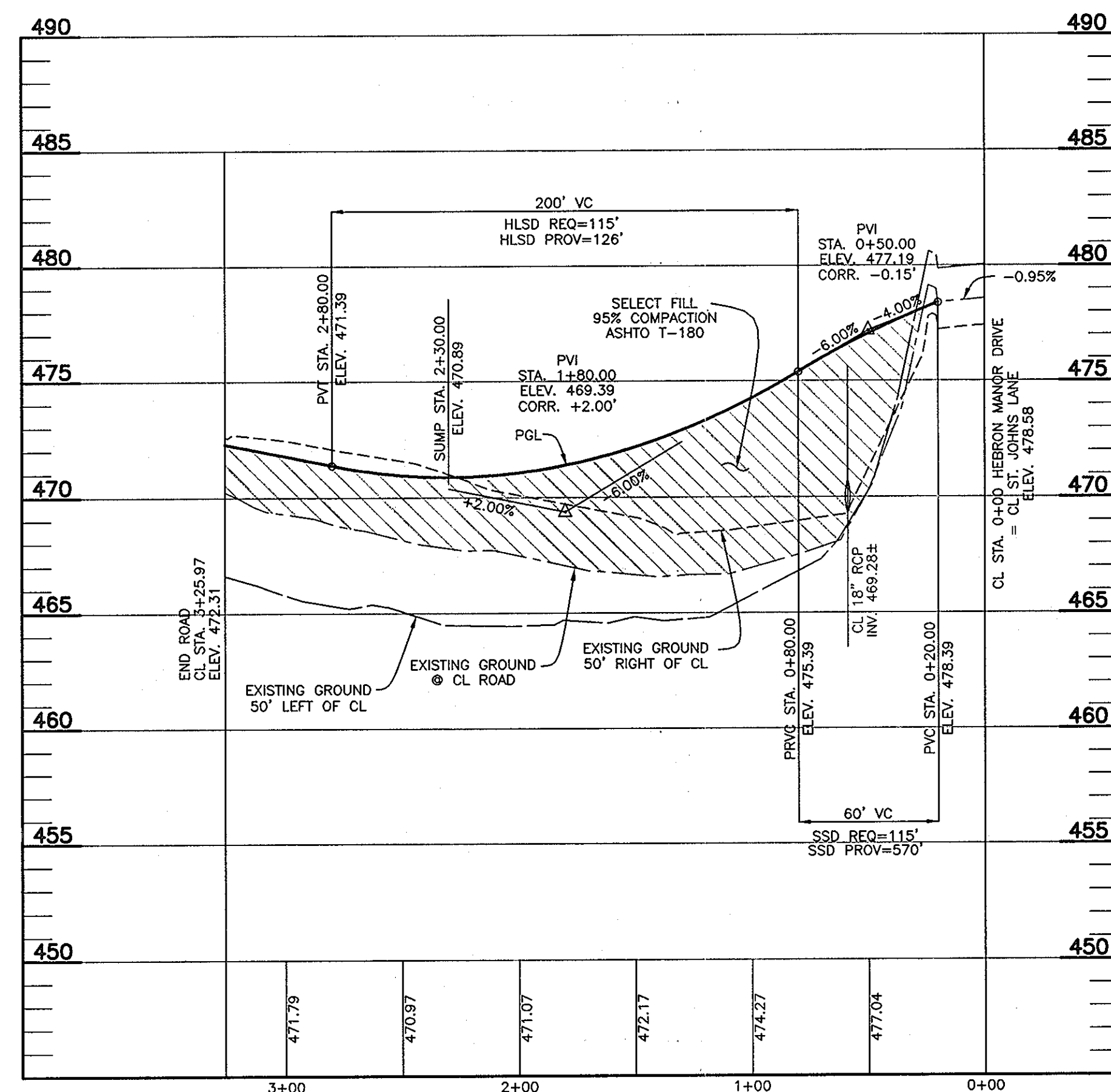
OWNER: HEBRON MANOR LLC 11807 WOLLINGFORD COURT CLARKSVILLE, MARYLAND 21029 410-792-2563	PROJECT: HEBRON MANOR LOTS 1-9 AND OPEN SPACE LOTS 10 & 11
DEVELOPER: CORNERSTONE HOLDINGS, L.L.C. 9695 NORFOLK AVENUE LAUREL, MARYLAND 20723 410-792-2565	LOCATION: TAX MAP: 17 PARCEL: 518 GRID: 15 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND ZONED: R-20
TITLE: PRELIMINARY LANDSCAPE PLAN S-03-13 S-03-20 WP-04-46	DATE: JULY, 2007 PROJECT NO. 1596
DESIGN: DBT DRAFT: DBT CHECK: DAM	SCALE: 1" = 30' SHEET 3 OF 5

TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY

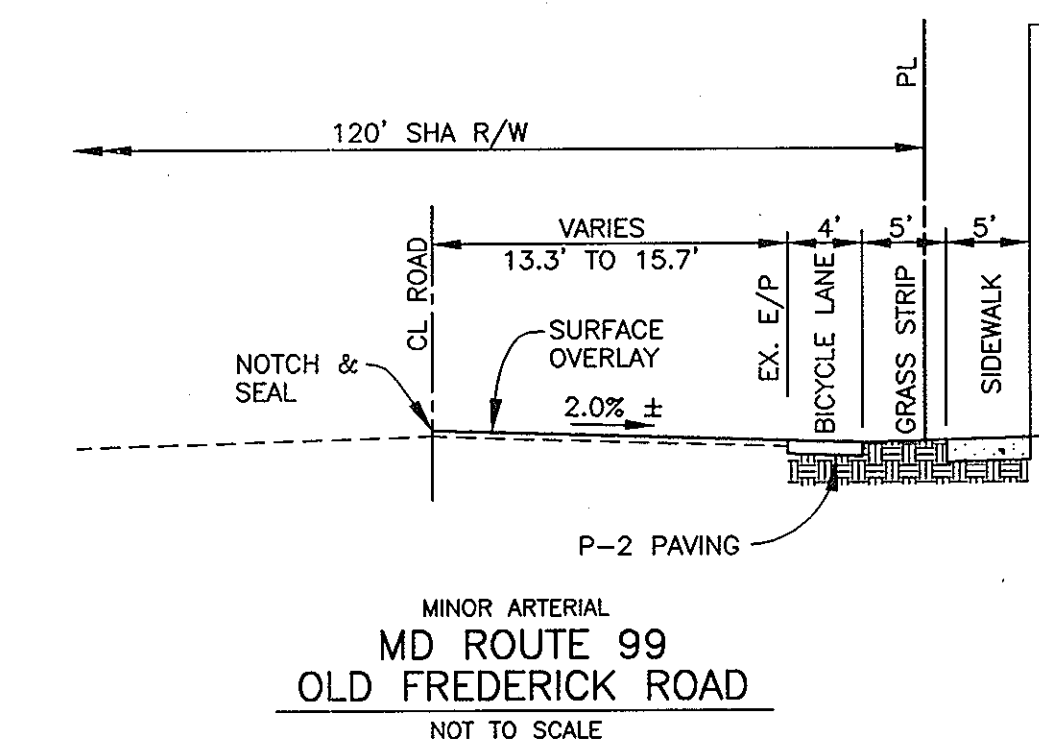
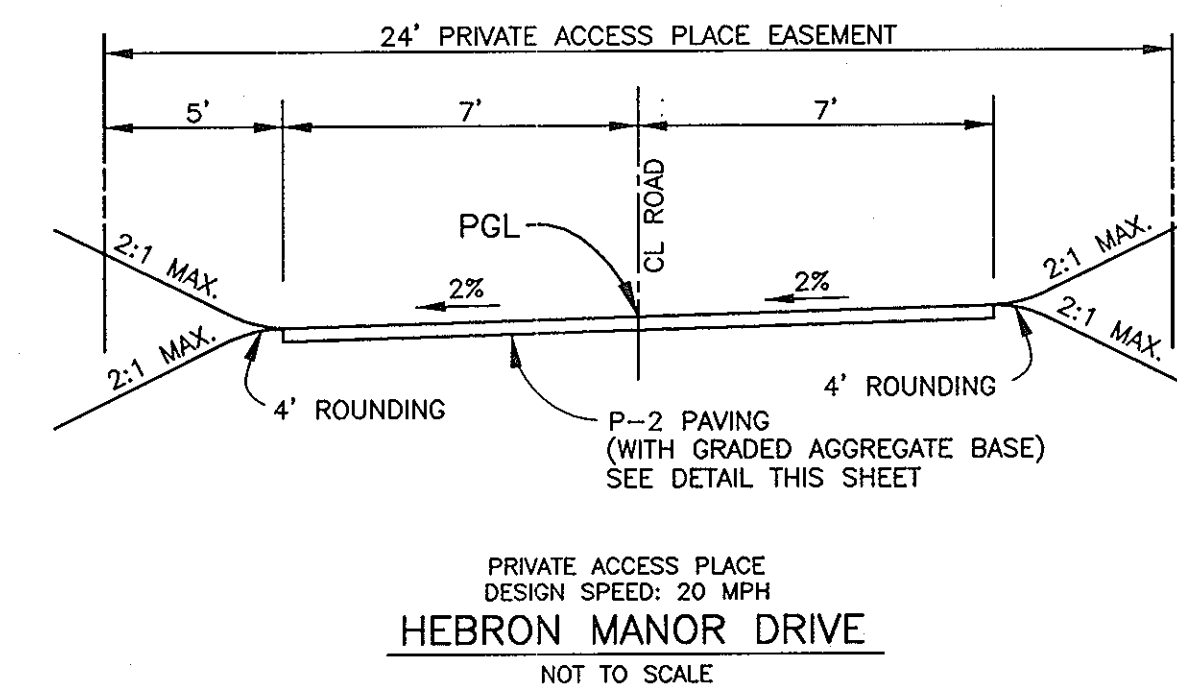
David McLaughlin
PLANNING DIRECTOR

7/14/07
DATE

INTERSTATE 70
PRINCIPAL ARTERIAL (300' R/W)
PLAT No. 22353



90 ADT
PRIVATE ACCESS PLACE
DESIGN SPEED: 20 MPH
HEBRON MANOR DRIVE
SCALE: 1"=50' HORIZ., 1"=5' VERT.



TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY

David L. Uyle
PLANNING DIRECTOR

DATE: 7/16/07

BENCHMARK ENGINEERS • LAND SURVEYORS • PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE • SUITE 418 ELLICOTT CITY, MARYLAND 21043 phone: 410-465-6105 • fax: 410-465-6644		
OWNER: HEBRON MANOR LLC 11807 WOLLINGFORD COURT CLARKSVILLE, MARYLAND 21029 410-792-2565	PROJECT: HEBRON MANOR LOTS 1-9 AND OPEN SPACE LOTS 10 & 11	
DEVELOPER: CORNERSTONE HOLDINGS, L.L.C. 9695 NORFOLK AVENUE LAUREL, MARYLAND 20723 410-792-2565	LOCATION: TAX MAP- 17 GRID: 15 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND	TITLE: PRELIMINARY ROAD PROFILE AND TYPICAL SECTION S-03-13 S-03-20 WP-04-46
DESIGN: DBT DRAFT: DBT CHECK: DAM	DATE: JULY, 2007 SCALE: AS SHOWN	PROJECT NO. 1596 SHEET 4 OF 5

