

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
-TP-TP-	TREE PROTECTION
-SF-SF-	SILT FENCE
-SSF-SSF-	SUPER SILT FENCE
L.O.D.	LIMIT OF DISTURBANCE
R.G.	RAINGARDEN
WETLANDS	WETLANDS
WETLAND BUFFER	WETLAND BUFFER
FLOODPLAIN	FLOODPLAIN
WELL	WELL
EXISTING TREE	EXISTING TREE
EXISTING TREE LINE	EXISTING TREE LINE
PROPOSED HOUSE	PROPOSED HOUSE
15% TO 24.99% SLOPES	15% TO 24.99% SLOPES
25% OR GREATER SLOPES	25% OR GREATER SLOPES
FOREST CONSERVATION EASMENT	FOREST CONSERVATION EASMENT
STREAM	STREAM
STREAM BANK BUFFER	STREAM BANK BUFFER
EX. STREET LIGHT	EX. STREET LIGHT

MATCHLINE SHEET 3

MATCHLINE SHEET 3

PLAN
SCALE: 1" = 50'

NOTE: SEE SHEET 4 FOR LANDSCAPING/STREET TREE CHARTS.



AMENDED PERCOLATION CERTIFICATION PLAN,
PRELIMINARY EQUIVALENT SKETCH PLAN
& LANDSCAPE PLAN
PAUPERS FOLLY
LOTS 1-11, BUILDABLE PRESERVATION PARCEL 'A'
AND NON-BUILDABLE PRESERVATION PARCEL 'B'-D'
ZONED: RR-DEO
GRID No. 9 PARCEL Nos. 116 & 7 (PAR. A)
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
DATE: AUGUST 18, 2010
SHEET 2 OF 13

APPROVED FOR PRIVATE WATER, PRIVATE SEPTIC SYSTEMS AND SHARED SEPTIC FOR LOTS 1 THRU 4, HOWARD COUNTY HEALTH DEPARTMENT.
Brian for Peter Brilenson 10/13/10
COUNTY HEALTH OFFICER DATE 2010

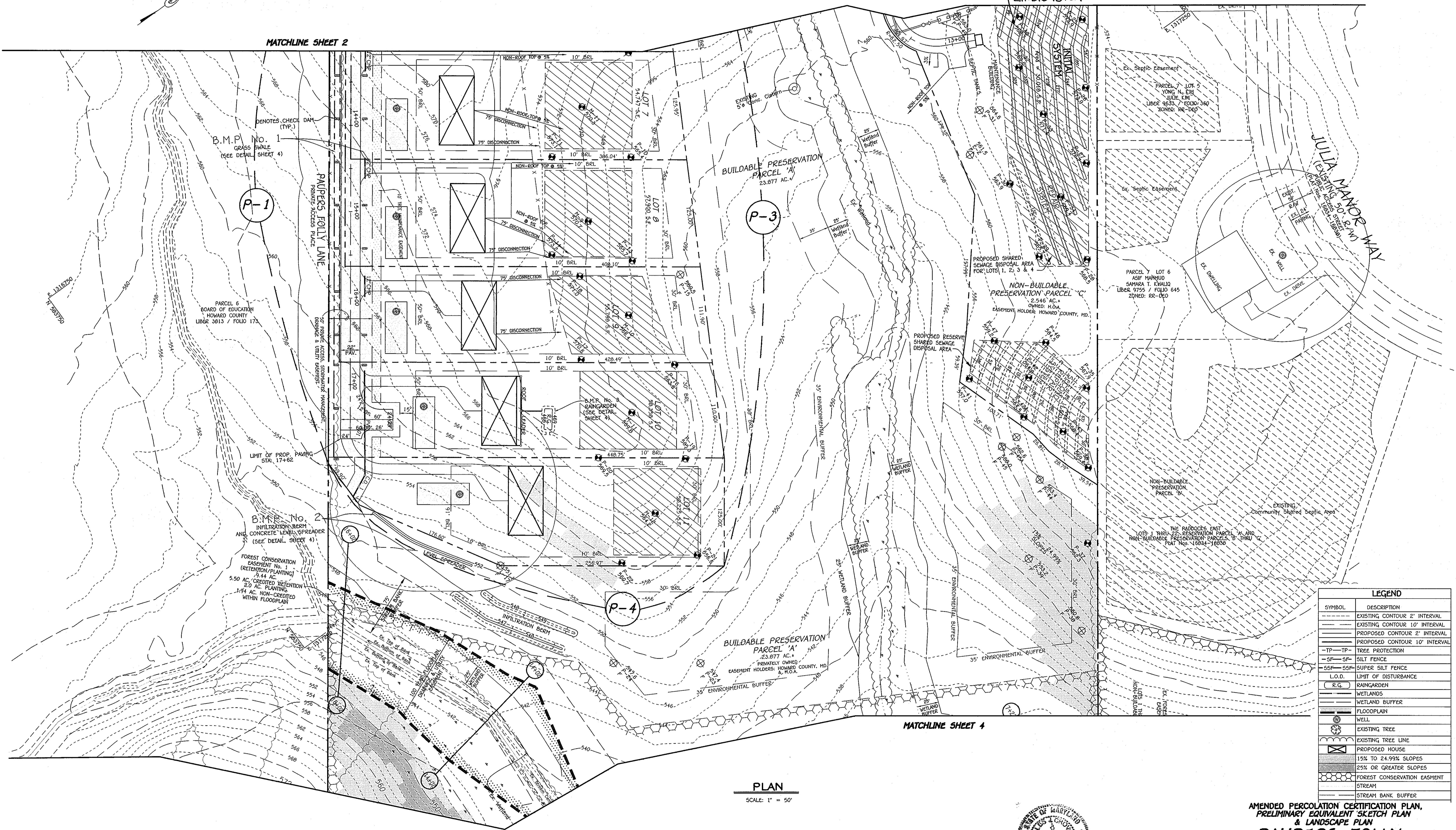
OWNER AND DEVELOPER
GEORGE & TERESA BOARDMAN
12126 ROUTE 216
FULTON, MARYLAND 20759

Charles J. Ciovo 9/20/10
CHARLES J. CIOVO SR., P.E. DATE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10772 MATHORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
(410) 461-2899

MATCHLINE SHEET 2

MATCHLINE SHEET 2



PLAN
SCALE: 1" = 50'

LEGEND	
---	EXISTING CONTOUR 2" INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2" INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
-TP-TP-	TREE PROTECTION
-SF-SF-	SILT FENCE
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---	L.O.D. LIMIT OF DISTURBANCE
R.G.	RAINGARDEN
---	WETLANDS
---	WETLAND BUFFER
---	FLOODPLAIN
⊙	WELL
⊙	EXISTING TREE
⊙	EXISTING TREE LINE
⊙	PROPOSED HOUSE
---	15% TO 24.9% SLOPES
---	25% OR GREATER SLOPES
---	FOREST CONSERVATION EASEMENT
---	STREAM
---	STREAM BANK BUFFER

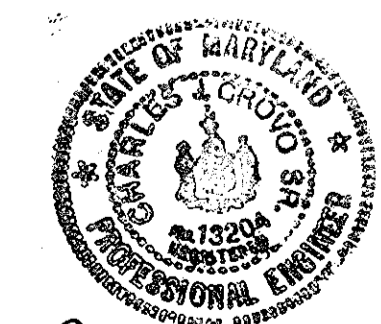
AMENDED PERCOLATION CERTIFICATION PLAN,
PRELIMINARY EQUIVALENT SKETCH PLAN
& LANDSCAPE PLAN
PAUPERS FOLLY
LOTS 1-11, BUILDABLE PRESERVATION PARCEL 'A'
AND NON-BUILDABLE PRESERVATION PARCEL 'B'-'D'
ZONED: RR-DEO
TAX MAP No. 22 CGD No. 9 PARCEL Nos. 116 & 7 (PAR. A)
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
DATE: AUGUST 18, 2010
SHEET 3 OF 13

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10732 SALTWATER NATIONAL PKCE
ELLSWORTH CITY, MARYLAND 21042
(410) 461-2895

APPROVED FOR PRIVATE WATER, PRIVATE SEPTIC SYSTEMS AND SHARED SEPTIC FOR LOTS 1 THRU 4. HOWARD COUNTY HEALTH DEPARTMENT.
William for Peter Bailewson
10/13/10
DATE 1/10

OWNER AND DEVELOPER
GEORGE & TERESA BOARMAN
12126 ROUTE 216
FULTON, MARYLAND 20759

"Professional certification. I hereby certify that these documents were prepared by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 13204, Expiration Date 11/03/10."



Charles J. Grovo Sr.
CHARLES J. GROVO SR., P.E.

9/22/10
DATE

SCHEDULE A - PERIMETER LANDSCAPING

PERIMETER	CATEGORY (PROPERTIES/ROADWAYS)	LANDSCAPE TYPE	LINEAR FEET OF FRONTAGE PERIMETER	CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	SHADE TREES	EVERGREEN TREES	SHRUBS
P-1	FRONT TO ROAD	N/A	837'	NO	NO	-	-	-
P-2	ADJACENT TO PERIMETER	A	342'	NO	NO	6	-	-
P-3	ADJACENT TO PERIMETER	A	859'	NO	NO	14	-	-
P-4	ADJACENT TO PERIMETER	A	493'	NO	NO	8	-	-
P-5	ADJACENT TO PERIMETER	A	621'	NO	NO	10	-	-
P-6	ADJACENT TO PERIMETER	A	223'	NO	NO	4	-	-
P-7	ADJACENT TO PERIMETER	A	634'	NO	NO	11	-	-
P-8	ADJACENT TO ROADWAY	B	280'	NO	NO	6	7	-

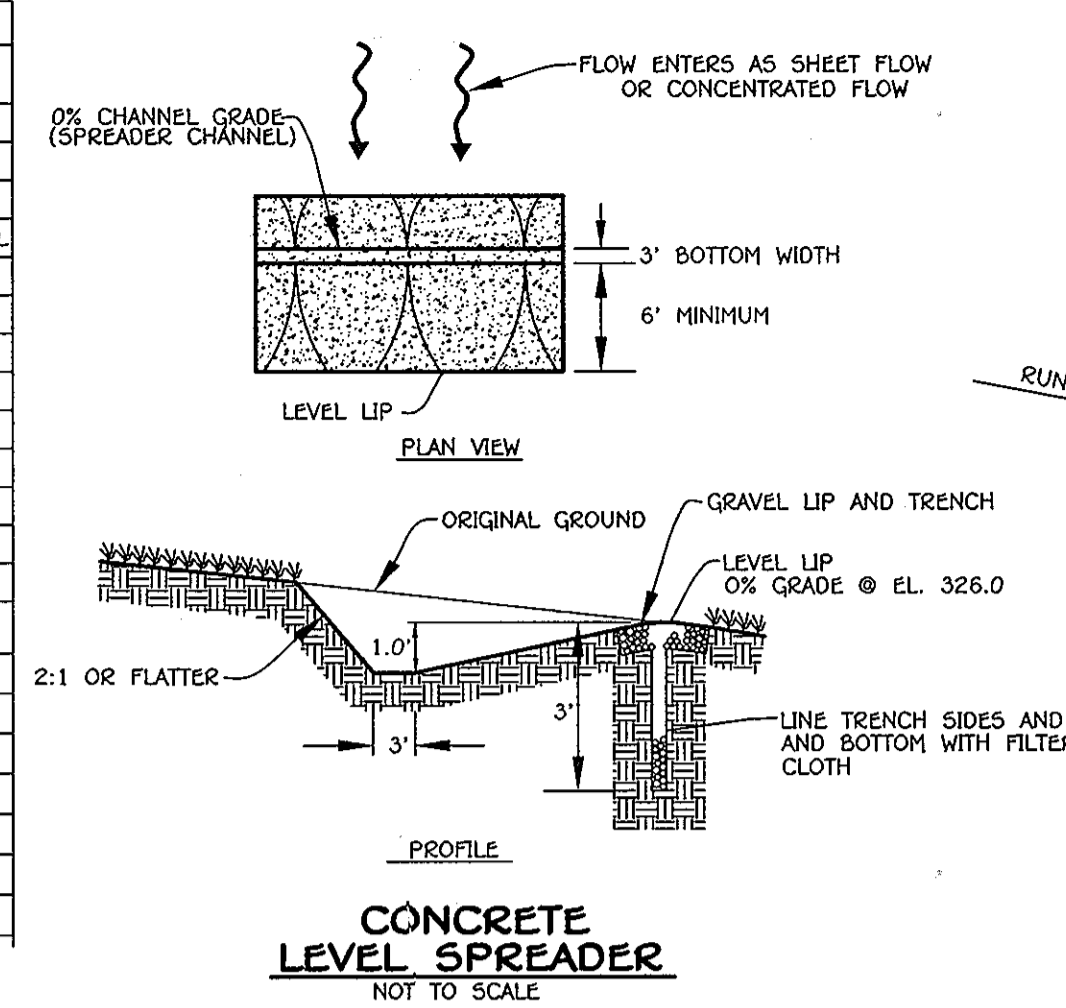
NOTE: THE DEVELOPER/BUILDER IS RESPONSIBLE FOR INTERNAL LANDSCAPING AT SITE PLAN PHASE OF THIS SUBDIVISION.

STREET TREE SCHEDULE

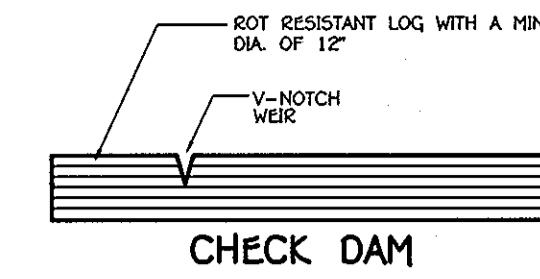
QTY.	BOTANICAL AND COMMON NAME	SIZE	COMMENTS
194/40 = 4.85 5 TREES	ACER RUBRUM "OCTOBER GLORY" RED MAPLE	2 1/2"-3" CAL.	40' APART ON PUBLIC R/W (JULIA HANOR WAY)
928/40 = 23.2 1856/40 = 46.4 46 TREES	PLATANUS OCCIDENTALIS "LONDON LANE" LONDON PLANETREE	2 1/2"-3" CAL.	40' APART ON PUBLIC R/W (DRIVEWAY B)
1048/40 = 26.2 2096/40 = 52.4 52 TREES	PRUNUS SARGENTII SARGENT CHERRY	2 1/2"-3" CAL.	40' APART ON PUBLIC R/W (DRIVEWAY A)

LEGEND

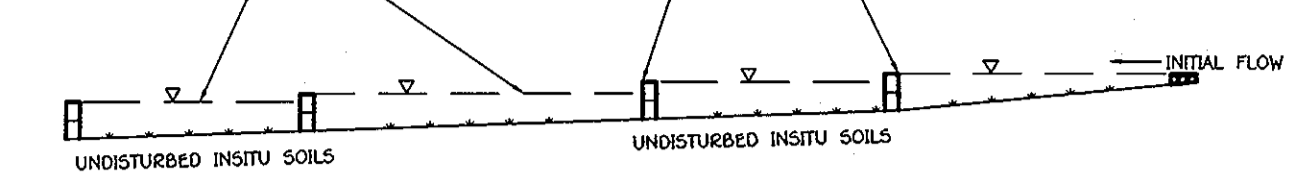
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EXISTING TREE	EXISTING TREE
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FOREST CONSERVATION EASEMENT	FOREST CONSERVATION EASEMENT
STREAM	STREAM
STREAM BANK BUFFER	STREAM BANK BUFFER



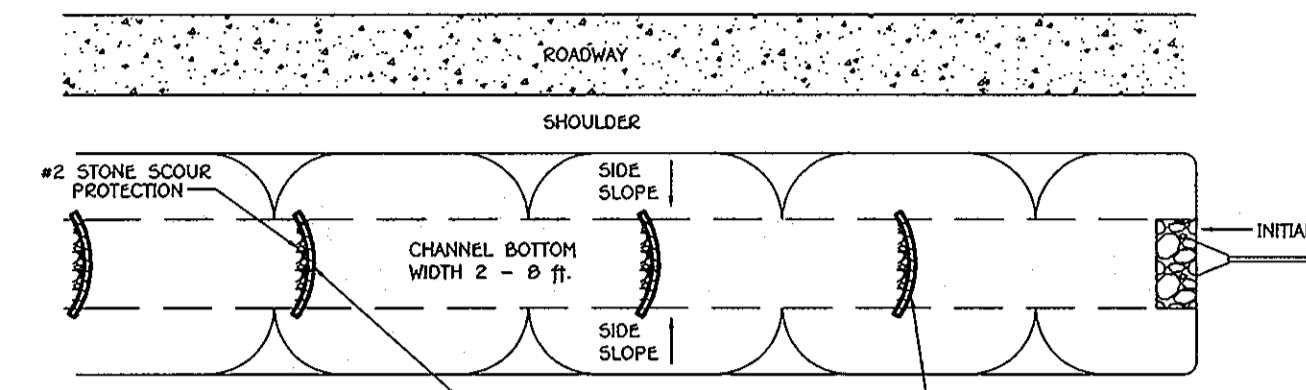
TYPICAL SECTION - INFILTRATION BERM
NO SCALE



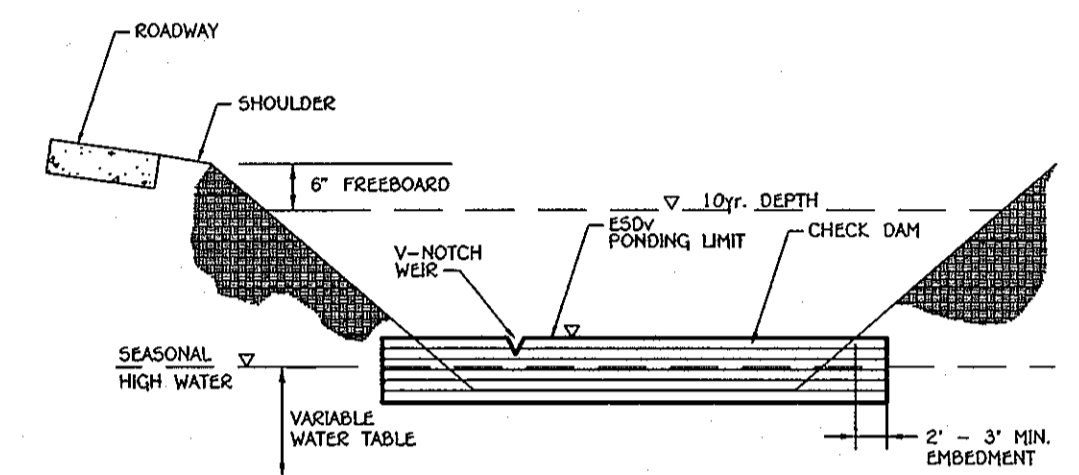
CHECK DAM



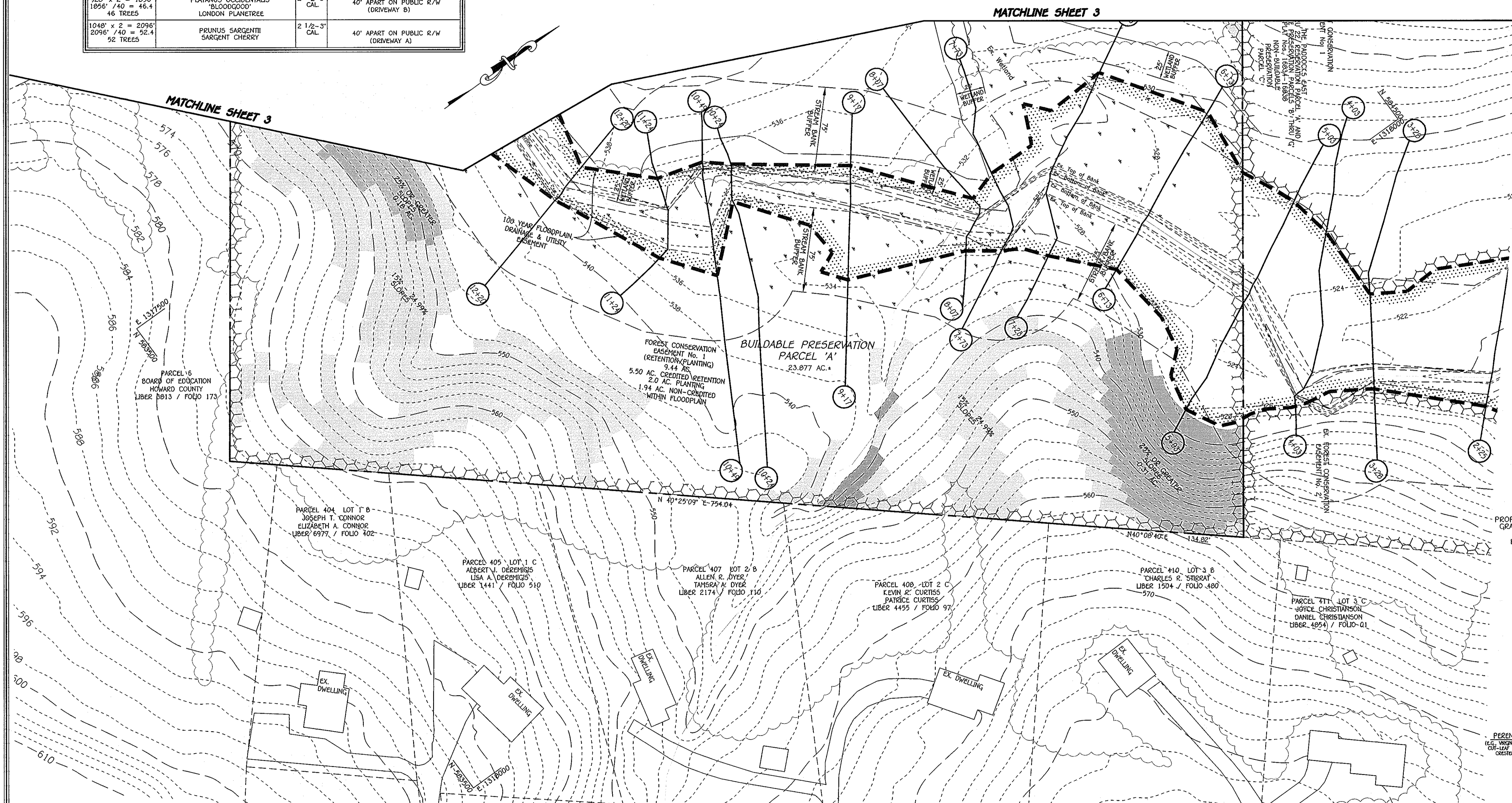
PROFILE - GRASS SWALE
NO SCALE



PLAN - GRASS SWALE
NO SCALE

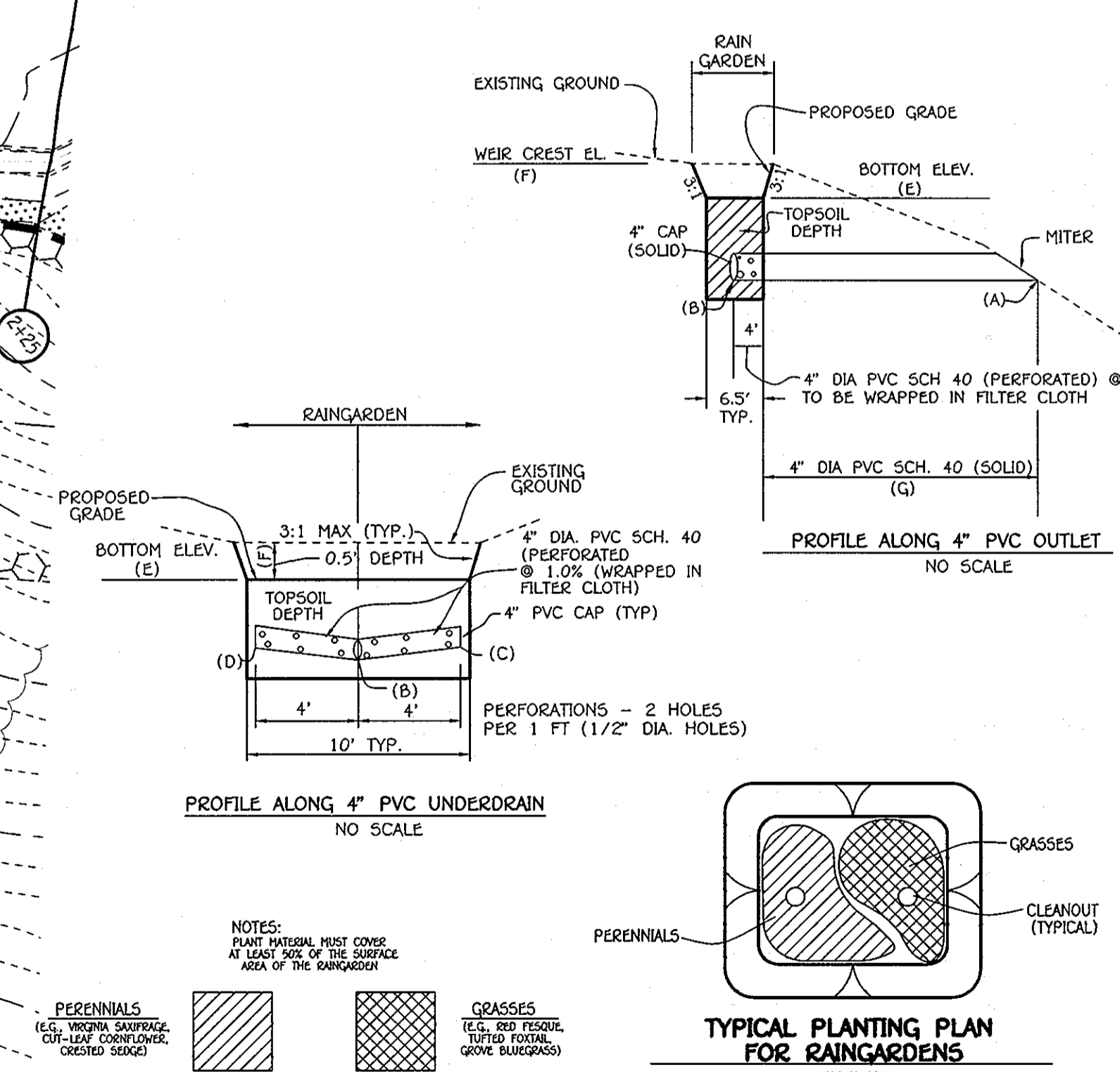


SECTION - GRASS SWALE
NO SCALE



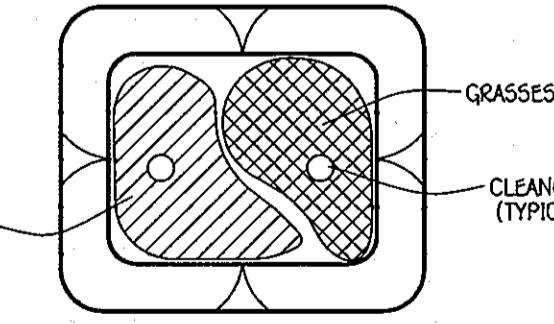
PLAN

SCALE: 1" = 50'



PROFILE ALONG 4" PVC OUTLET
NO SCALE

PROFILE ALONG 4" PVC UNDERDRAIN
NO SCALE



TYPICAL PLANTING PLAN FOR RAINGARDENS
NOT TO SCALE

NOTES:
PLANT PERENNIALS FIRST CONCERN AT LEAST 50% OF THE SURFACE AREA OF THE RAINGARDEN.
PERENNIALS (E.G. VIRGINIA SARRIS, BLUE ANEMONE, CRESTED SAGE)
GRASSES (E.G. RED FESCUE, TUFTED FOXTAIL, GRASS BUNGALOW)

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461-2999

APPROVED FOR PRIVATE WATER, PRIVATE SEPTIC SYSTEMS AND SHARED SEPTIC FOR LOTS 1 THRU 4, HOWARD COUNTY HEALTH DEPARTMENT.
William for Peter Beilenson
COUNTY HEALTH OFFICER
10/13/19
DATE: 10/13/19

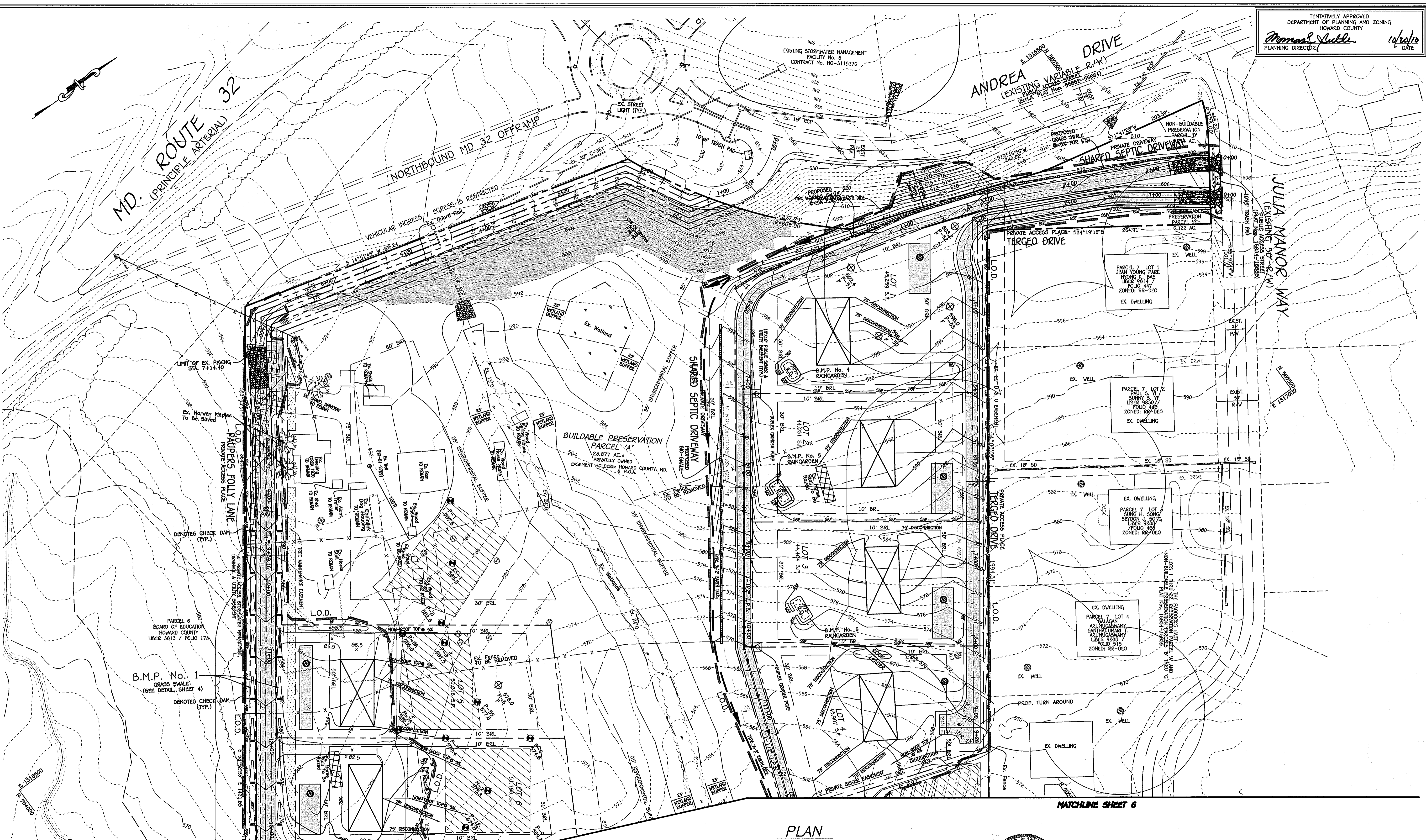
OWNER AND DEVELOPER
GEORGE & TERESA BOARDMAN
12126 ROUTE 216
FULTON, MARYLAND 20759

"Professional certification. I hereby certify that these documents were prepared by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 13824, Expiration Date 11/03/20." CHARLES J. GIOVO Sr., P.E.



9/22/19
DATE

AMENDED PERCOLATION CERTIFICATION PLAN, PRELIMINARY EQUIVALENT SKETCH PLAN & LANDSCAPE PLAN
PAUPERS FOLLY
LOTS 1-11, BUILDABLE PRESERVATION PARCEL 'A' AND NON-BUILDABLE PRESERVATION PARCEL 'B'-'D'
ZONED: R2-DEC
GRID No. 9 PARCEL Nos. 116 & 7 (PAR. A)
TAX MAP No. 22
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
DATE: AUGUST 18, 2010
SHEET 4 OF 13



PLAN
 SCALE: 1" = 50'

MATCHLINE SHEET 6

MATCHLINE SHEET 6

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELKLOTT CITY, MARYLAND 21042
 (410) 461-2999

APPROVED FOR PRIVATE WATER, PRIVATE SEPTIC SYSTEMS AND SHARED SEPTIC FOR LOTS 1 THRU 4, HOWARD COUNTY HEALTH DEPARTMENT.
William for Peter Beilenson 10/23/10
 COUNTY HEALTH OFFICER DATE

OWNER AND DEVELOPER
 GEORGE & TERESA BOARMAN
 12126 ROUTE 216
 FULTON, MARYLAND 20759

"Professional certification, I hereby certify that these documents were prepared by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 13202, Expiration Date 11/03/10."

SEAL OF MARYLAND PROFESSIONAL ENGINEER
 1920
Charles J. Crovo Sr.
 CHARLES J. CROVO SR., P.E.
 DATE

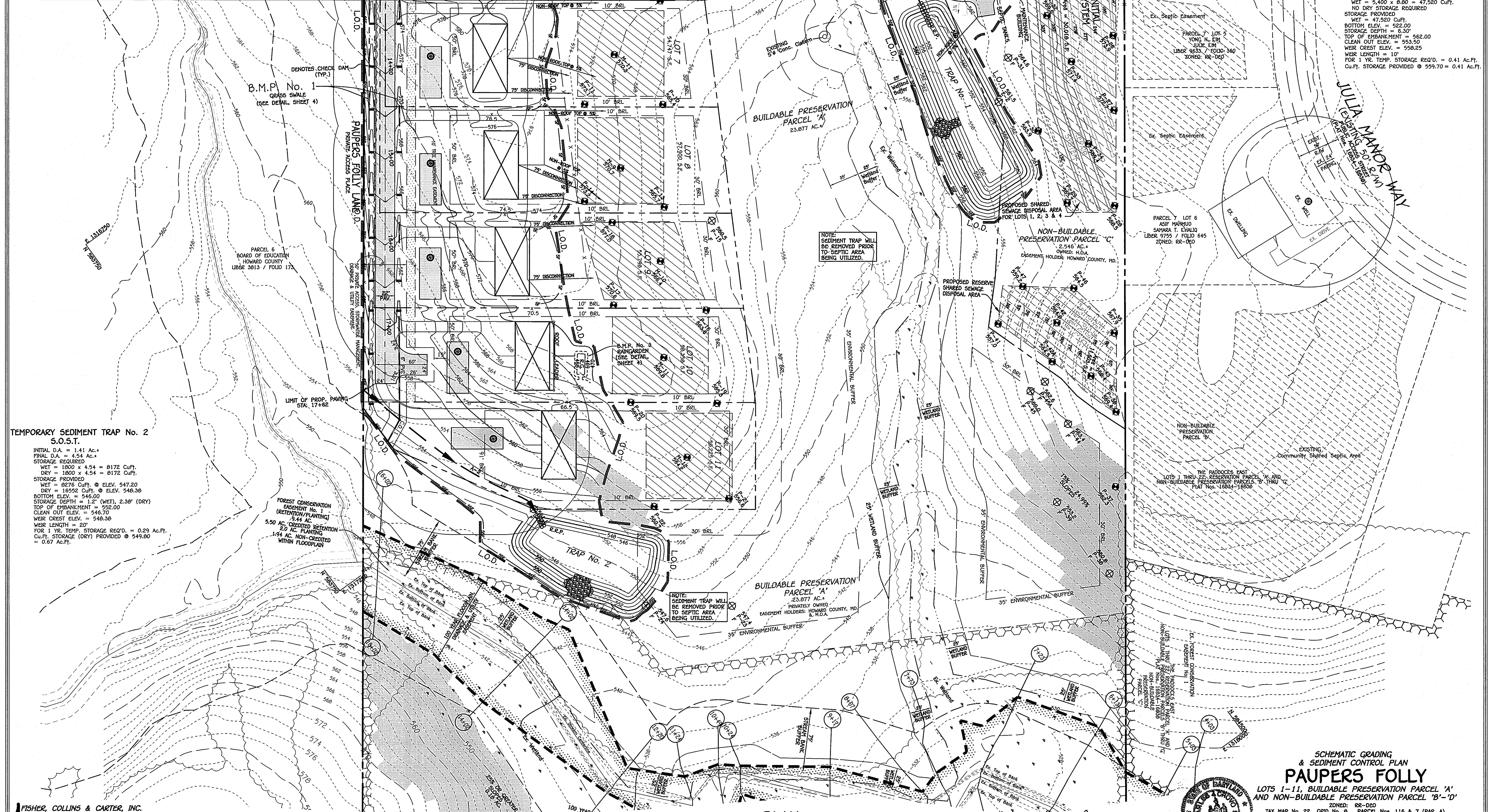
SCHEMATIC GRADING & SEDIMENT CONTROL PLAN
PAUPERS FOLLY
 LOTS 1-11, BUILDABLE PRESERVATION PARCEL 'A' AND NON-BUILDABLE PRESERVATION PARCEL 'B'-D'
 ZONED: RR-DEO
 TAX MAP No. 22 GEO No. 9 PARCEL No. 116 & 7 (PAR. A)
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DATE: AUGUST 18, 2010
 SHEET 5 OF 13

APPROVED FOR PRIVATE WATER, PRIVATE SEPTIC SYSTEMS AND SHARED SEPTIC FOR LOTS 1 THRU 4, HOWARD COUNTY HEALTH DEPARTMENT.
Bridgette P. Steen
 COUNTY HEALTH OFFICER
 10/13/10
 DATE

TENTATIVELY APPROVED
 DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY
Thomas J. Bull
 PLANNING DIRECTOR
 10/21/10
 DATE

MATCHLINE SHEET 5

MATCHLINE SHEET 5



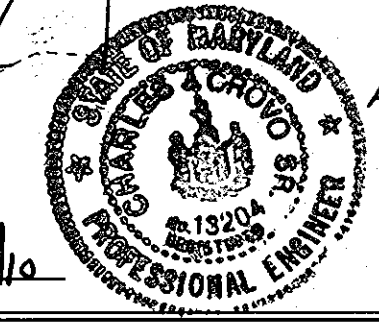
TEMPORARY SEDIMENT TRAP No. 2
 5.0.5.T.
 INITIAL O.A. = 1.41 AC.
 FINAL O.A. = 4.54 AC.
 STORAGE REQUIRED
 WET = 1800 x 4.54 = 8172 Cu.Ft.
 DRY = 1800 x 4.54 = 8172 Cu.Ft.
 STORAGE PROVIDED
 WET = 9276 Cu.Ft. @ ELEV. 547.20
 DRY = 16552 Cu.Ft. @ ELEV. 548.39
 BOTTOM ELEV. = 546.00
 STORAGE DEPTH = 1.2' (WET), 2.39' (DRY)
 TOP OF EMBANKMENT = 552.00
 CLEAN OUT ELEV. = 546.70
 WEIR CREST ELEV. = 546.39
 WEIR LENGTH = 20'
 FOR 1 YR. TEMP. STORAGE REQ'D. = 0.29 AC.Ft.
 Cu.Ft. STORAGE (DRY) PROVIDED @ 549.80
 = 0.67 AC.Ft.

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE BLDG. - 10772 BALTIMORE NATIONAL PIKE
 ELKTON CITY, MARYLAND 21822
 (410) 461-2899

OWNER AND DEVELOPER *PLAN*
 GEORGE & TERESA BOARMAN
 12126 ROUTE 216
 FULTON, MARYLAND 20759
 SCALE: 1" = 50'

Professional certification, I hereby certify that these documents were prepared by me and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 13922, Expiration Date 11/03/10.

Charles J. Crapo Sr.
CHARLES J. CRAPO SR., P.E.
 DATE



SCHEMATIC GRADING & SEDIMENT CONTROL PLAN
PAUPERS FOLLY
 LOTS 1-11, BUILDABLE PRESERVATION PARCEL 'A' AND NON-BUILDABLE PRESERVATION PARCEL 'B'-D'
 ZONED: RR-DEO
 TAX MAP No. 22 GRID No. 9 PARCEL Nos. 116 & 7 (PAR. A)
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DATE: AUGUST 18, 2010
 SHEET 6 OF 13

TEMPORARY SEDIMENT TRAP No. 1
 R.O.S.T.
 INITIAL O.A. = 0.80 AC.
 FINAL O.A. = 0.80 AC.
 STORAGE REQUIRED
 WET = 5,400 x 0.80 = 47,520 Cu.Ft.
 NO DRY STORAGE REQUIRED
 STORAGE PROVIDED
 WET = 47,520 Cu.Ft.
 BOTTOM ELEV. = 522.00
 CLEAN OUT ELEV. = 553.50
 STORAGE DEPTH = 6.30'
 TOP OF EMBANKMENT = 562.00
 WEIR CREST ELEV. = 558.25
 WEIR LENGTH = 10'
 FOR 1 YR. TEMP. STORAGE REQ'D. = 0.41 AC.Ft.
 Cu.Ft. STORAGE PROVIDED @ 559.70 = 0.41 AC.Ft.

NOTE: SEDIMENT TRAP WILL BE REMOVED PRIOR TO SEPTIC AREA BEING UTILIZED.

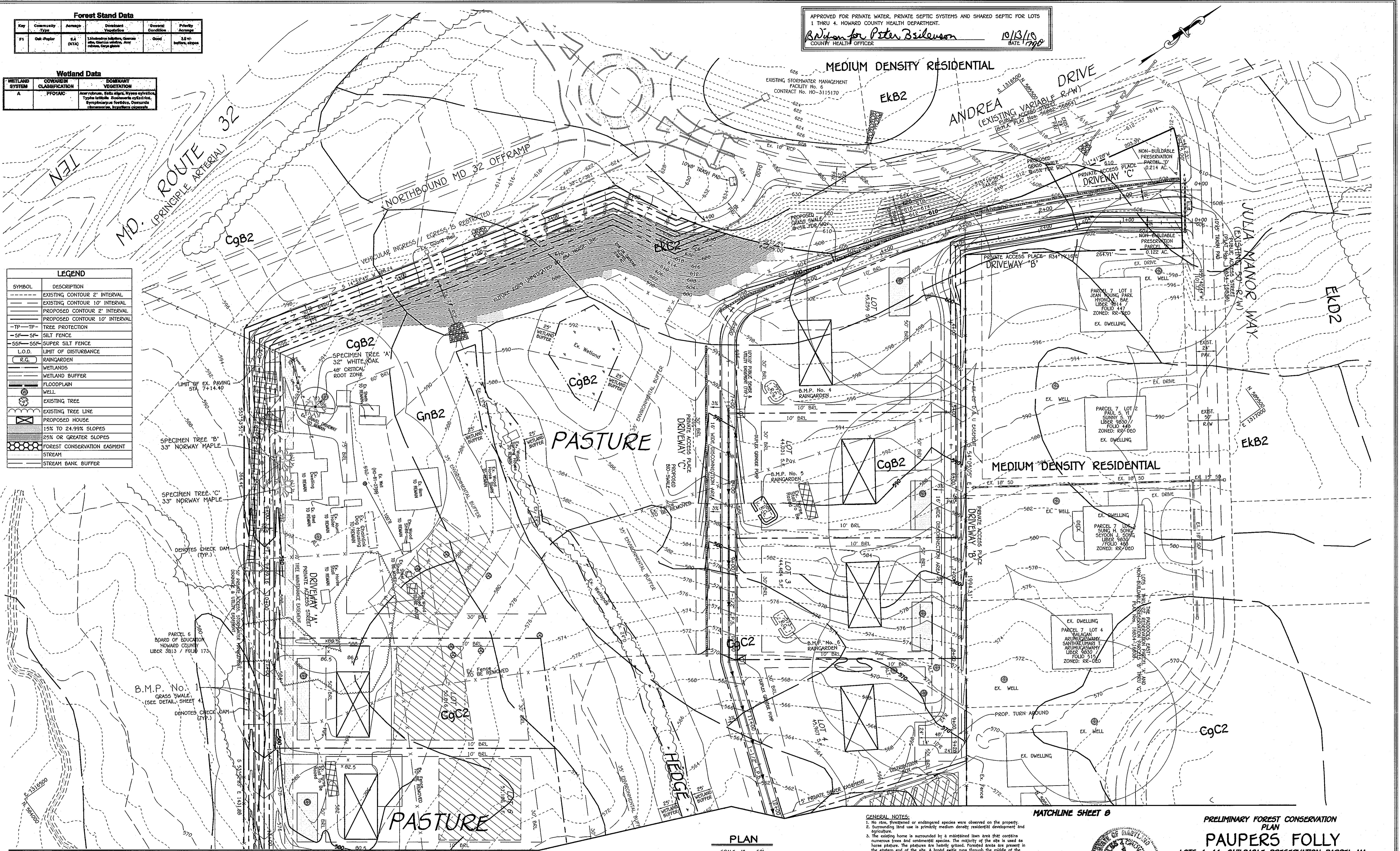
NOTE: SEDIMENT TRAP WILL BE REMOVED PRIOR TO SEPTIC AREA BEING UTILIZED.

Key	Community Type	Age	Dominant Vegetation	Overall Condition	Priority
F1	Oak-Maple	5-8 (NTA)	Liquidambar styraciflua, Quercus sp., Fraxinus sp., Acer rubrum, Carya glabra	Good	3-5 w- medium, edges

WETLAND SYSTEM	COMPARISON CLASSIFICATION	DOMINANT VEGETATION
A	PF01AC	Acer rubrum, Salix nigra, Nyssa sylvatica, Typha latifolia, Sagittaria arifolia, Sarracenia flammula, Chara sp., Chara sp., Sagittaria arifolia

SYMBOL	DESCRIPTION
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---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
TP-TP	TREE PROTECTION
SF-SF	SILT FENCE
SSF-SSF	SUPER SILT FENCE
L.O.D.	LIMIT OF DISTURBANCE
R.G.	RAINGARDEN
WETLANDS	WETLANDS
WETLAND BUFFER	WETLAND BUFFER
FLOODPLAIN	FLOODPLAIN
WELL	WELL
EXISTING TREE	EXISTING TREE
EXISTING TREE LINE	EXISTING TREE LINE
PROPOSED HOUSE	PROPOSED HOUSE
15% TO 24.99% SLOPES	15% TO 24.99% SLOPES
25% OR GREATER SLOPES	25% OR GREATER SLOPES
FOREST CONSERVATION EASMENT	FOREST CONSERVATION EASMENT
STREAM	STREAM
STREAM BANK BUFFER	STREAM BANK BUFFER

APPROVED FOR PRIVATE WATER, PRIVATE SEPTIC SYSTEMS AND SHARED SEPTIC FOR LOTS 1 THRU 4. HOWARD COUNTY HEALTH DEPARTMENT.
Richard P. Peter, Esq.
 COUNTY HEALTH OFFICER
 10/13/10
 DATE



MATCHLINE SHEET 8

MATCHLINE SHEET 8

PLAN
 SCALE: 1" = 50'

GENERAL NOTES:
 1. No rare, threatened or endangered species were observed on the property.
 2. Surrounding land use is primarily medium density residential development and agriculture.
 3. The existing home is surrounded by a maintained lawn area that contains numerous trees and ornamental species. The majority of the site is used as horse pasture. The pastures are heavily grazed. Forested areas are present in the eastern end of the site. A broad malle runs through the middle of the pasture area that contains wetlands and is designated as a hedge row.
 4. There are no cemeteries located onsite.
 5. There was no historic structure located on this project based on the Howard County Inventory Map. However, a meeting was held on July 1, 2010 of the Historical Commission and they had no objections to the plan.

PRELIMINARY FOREST CONSERVATION PLAN
PAUPERS FOLLY
 LOTS 1-11, BUILDABLE PRESERVATION PARCEL 'A'
 AND NON-BUILDABLE PRESERVATION PARCEL 'B'-'D'
 ZONED: RR-DEO
 TAX MAP No. 22 GRID No. 9 PARCEL Nos. 116 & 7 (PAR. A)
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DATE: AUGUST 18, 2010
 SHEET 7 OF 13

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SERVICE OFFICE: P.O. BOX 10272, BALTIMORE, MARYLAND, P.O. BOX 14107, ELICOTT CITY, MARYLAND 21042
 (410) 461-2995

Eco-Science Professionals, Inc.
 CONSULTING ECOLOGISTS

MD DNR Qualified Professional
 USACE Wetland Delimitator
 Certification # W007934006100148
John P. Canoles
 JOHN P. CANOLES

TENTATIVELY APPROVED
 DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY
Thomas S. Butler
 PLANNING DIRECTOR
 10/20/10
 DATE

OWNER AND DEVELOPER
 GEORGE & TERESA BOARMAN
 12126 ROUTE 216
 FULTON, MARYLAND 20795

Professional certification. I hereby certify that these documents were prepared by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 13225, Expiration Date 11/03/10"

Charles J. Grovo Sr.
 CHARLES J. GROVO SR., P.E.
 9/22/10
 DATE

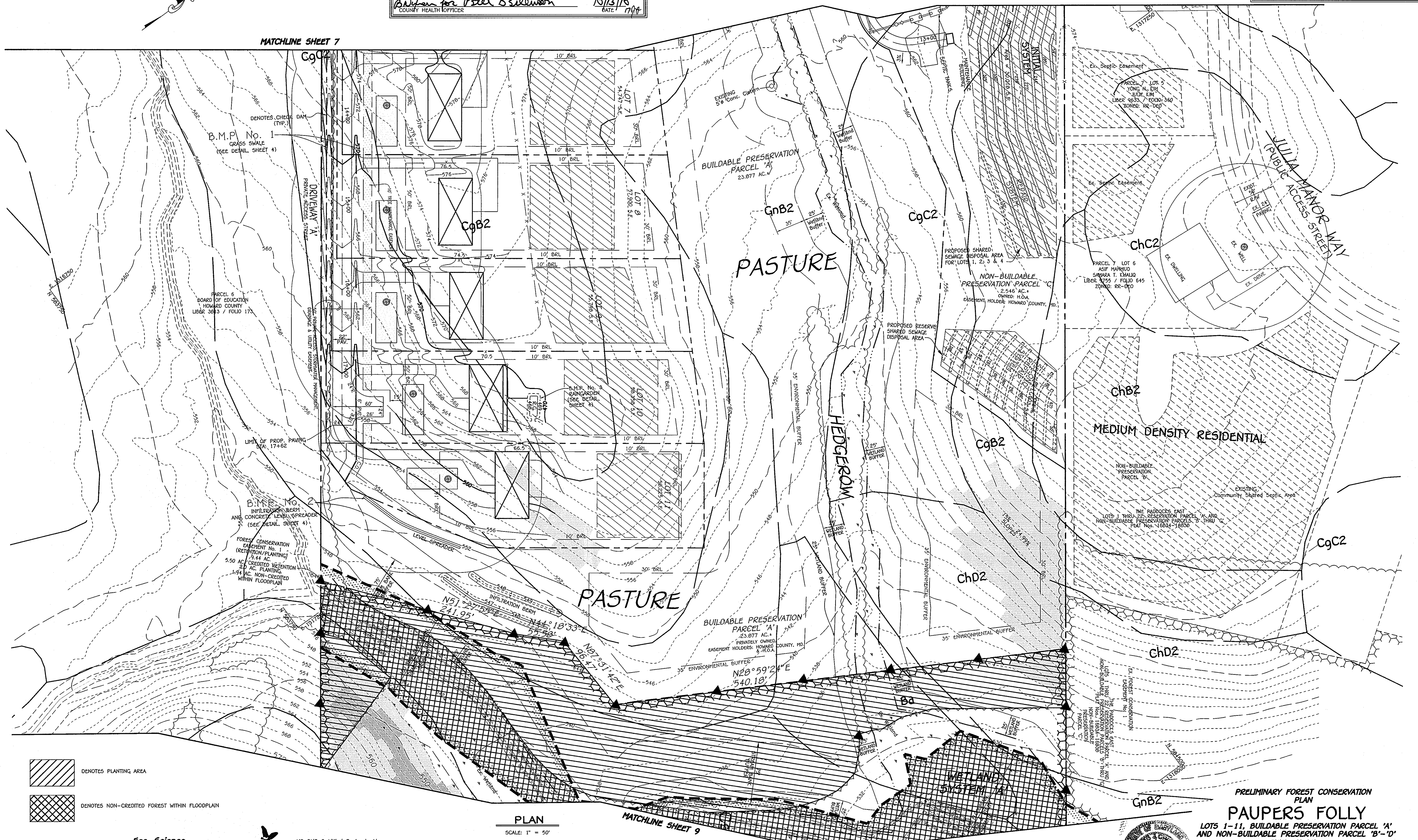


APPROVED FOR PRIVATE WATER, PRIVATE SEPTIC SYSTEMS AND SHARED SEPTIC FOR LOTS 1 THRU 4. HOWARD COUNTY HEALTH DEPARTMENT.
William for Peter B. Silvers 10/13/10
 COUNTY HEALTH OFFICER DATE: 10/13/10

TENTATIVELY APPROVED
 DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY
Thomas & Sutler
 PLANNING DIRECTOR *cp/ajp*

MATCHLINE SHEET 7

MATCHLINE SHEET 7



PLAN
 SCALE: 1" = 50'

MATCHLINE SHEET 9

PRELIMINARY FOREST CONSERVATION PLAN
PAUPERS FOLLY
 LOTS 1-11, BUILDABLE PRESERVATION PARCEL 'A'
 AND NON-BUILDABLE PRESERVATION PARCEL 'B'-'D'

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SERVICE OFFICE, P.O. BOX 10272 BALTIMORE NATIONAL PLACE
 ELKPORT CITY, MARYLAND 21042
 (410) 461-2895

Eco-Science Professionals, Inc.
 CONSULTING ECOLOGISTS
 MD DNR Qualified Professional
 USACOE Wetland Delineator
 Certification # WDCP93MD06100448
John P. Canoles 9/22/10
 JOHN P. CANOLES

OWNER AND DEVELOPER
 GEORGE & TERESA BOARMAN
 12128 ROUTE 216
 FULTON, MARYLAND 20759

"Professional certification. I hereby certify that these documents were prepared by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 132026, Expiration Date 11/03/10."

Charles J. Crovo
 CHARLES J. CROVO SR., P.E.
 DATE: 9/22/10



ZONED: RR-DEO
 TAX MAP No. 22 CG10 No. 8 PARCEL Nos. 116 & 7 (PAR. A)
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DATE: AUGUST 18, 2010
 SHEET 8 OF 13

SOILS LEGEND

SOIL	NAME	CLASS
Ba	Baile silt loam	D
ChA	Chester silt loam, 0 to 3 percent slopes	B
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
ChC2	Chester silt loam, 8 to 15 percent slopes, moderately eroded	B
CgB2	Chester gravelly silt loam, 3 to 8 percent slopes, moderately eroded	B
CgC2	Chester gravelly silt loam, 8 to 15 percent slopes, moderately eroded	B
Cs	Cornus silt loam	B
EkA	Elioak silt loam, 0 to 3 percent slopes	B
EkB2	Elioak silt loam, 3 to 8 percent slopes, moderately eroded	B
EkC2	Elioak silt loam, 8 to 15 percent slopes, moderately eroded	B
EkD2	Elioak silt loam, 15 to 25 percent slopes, moderately eroded	B
GnB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
GlC2	Glenelg loam, 0 to 15 percent slopes, moderately eroded	B
GlC3	Glenelg loam, 0 to 15 percent slopes, severely eroded	B
GlD2	Glenelg loam, 15 to 25 percent slopes, moderately eroded	B
MIE	Manor loam, 25 to 45 percent slopes	B
MIB2	Manor loam, 3 to 8 percent slopes, moderately eroded	B
MID2	Manor loam, 15 to 25 percent slopes, moderately eroded	B
MgB2	Manor gravelly loam, 3 to 8 percent slopes, moderately eroded	B
MgC2	Manor gravelly loam, 8 to 15 percent slopes, moderately eroded	B
MnD	Manor very stony loam, 3 to 25 percent slopes	B

NOTES:

- Hydic soils and/or contains hydic inclusions
- May contain hydic inclusions
- Generally hydic within 100-year floodplain areas

NOTE:
THE CONTRACTOR SHALL REMOVE ALL OLD AND NEW JUNK, TRASH, DEBRIS AND OTHER UNNATURAL ITEMS FROM THE FORESTS, FLOODPLAINS, STREAMS, WETLANDS AND BUFFER AREAS. IT SHALL BE THE DEVELOPER'S RESPONSIBILITY (NOT THE COUNTY'S) TO KEEP THESE AREAS CLEAN OF DEBRIS AND ENCROACHMENT FOR THE ENTIRE 2-YEAR MAINTENANCE PERIOD.

ON-SITE SIGNAGE

FOREST RETENTION AREA

MACHINERY, DUMPING OR STORAGE OF ANY MATERIALS IS PROHIBITED

VIOLATORS ARE SUBJECT TO FINES AS IMPOSED BY THE MARYLAND FOREST CONSERVATION ACT OF 1991

11" MINIMUM

NOTE: SIGNAGE SHALL REMAIN IN PERPETUITY.

EXISTING CONDITIONS / FSD NARRATIVE

The subject property is currently utilized as a residential/agricultural property. A residence and several associated buildings and facilities are located in the western end of the site. The home is surrounded by a maintained lawn area that contains numerous trees and ornamental species. Notable landscape and ornamental trees include Norway maple, white pine, spruce. The majority of the site is used as horse pasture. The pastures are heavily grazed. Hedges are present along the fence lines. These hedges are dominated by black cherry, sassafras, red maple, tulip poplar, multiflora rose, Japanese honeysuckle and raspberry.

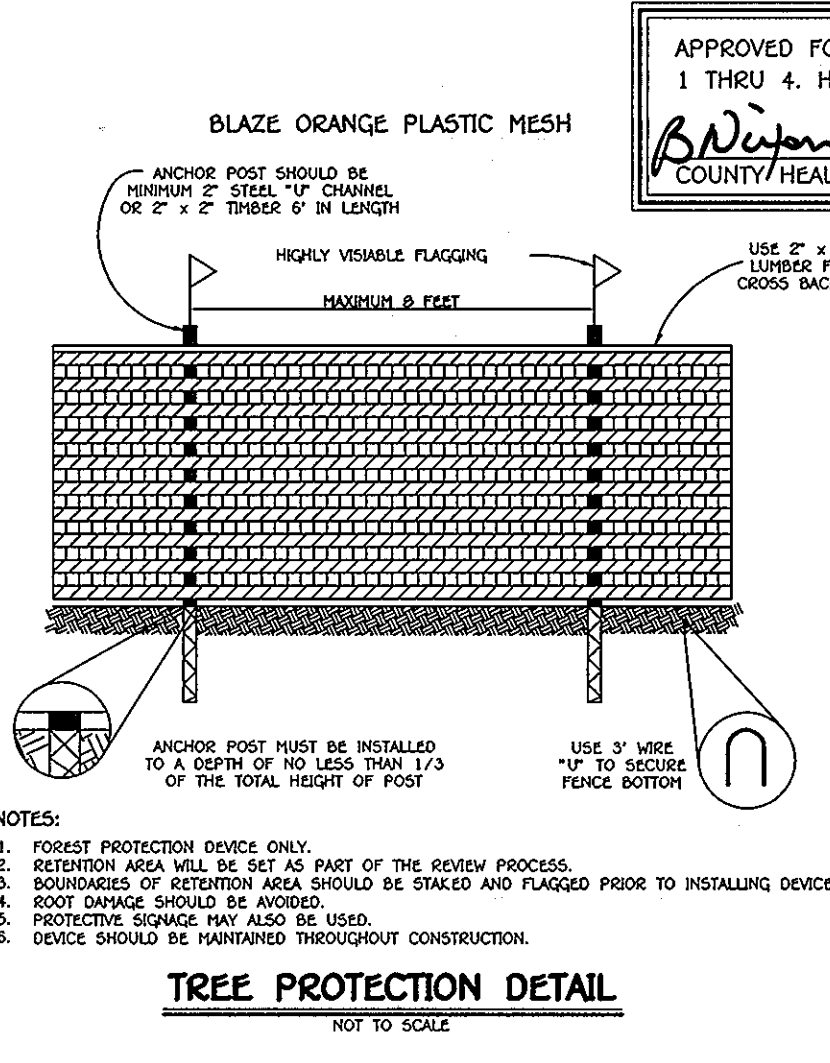
Forested areas are present in the eastern end of the site. The forest is an oak/poplar association with red maple and ash being more common in the wetland areas along the stream valley that crosses the rear of the site. The drier hillside within the forest limits are dominated by poplar, white oak, red oak, black gum and black cherry.

Wetland and stream resources are present on the site. An isolated wetland is present within the pasture. Intermittent stream/wetland system bisects the property before joining a perennial second order stream that crosses the rear of the site.

FCFP NOTES

- Any Forest Conservation Easement (FCE) area shown hereon is subject to protective covenants which may be found in the Land Records of Howard County which restrict the disturbance and use of these areas.
- Limits of disturbance shall be restricted to areas outside the limit of temporary fencing or within the shown limits of disturbance.
- There shall be no clearing, grading, construction or disturbance of vegetation in the Forest Conservation Easement, except as permitted by Howard County DPZ. Permanent signage shall be retained on the easement limits in perpetuity.
- No stockpiles, parking areas, equipment cleaning areas, etc. shall occur within areas designated as Forest Conservation Easements.
- Temporary fencing shall be used to protect forest resources during construction. The fencing shall be installed along limits of disturbance occurring within 50 feet of the proposed forest retention limits.
- The Forest Conservation Act requirements will be met through the onsite retention of 5.5 acres of forest and 2.0 acres of onsite afforestation. Total Forest Conservation Obligation = 7.5 ac. A surety for onsite forest retention @ \$0.20/af for 295,500 sf = \$47,100.00 and onsite afforestation @ \$0.50/af for 97,125 sf = \$48,562.50 is required.

Total forest conservation surety = \$91,476.00.



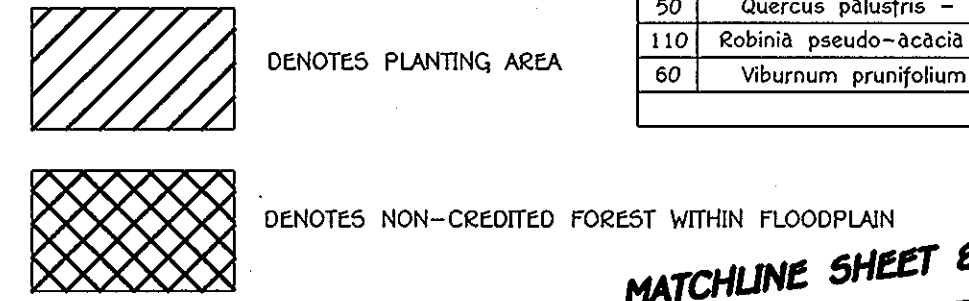
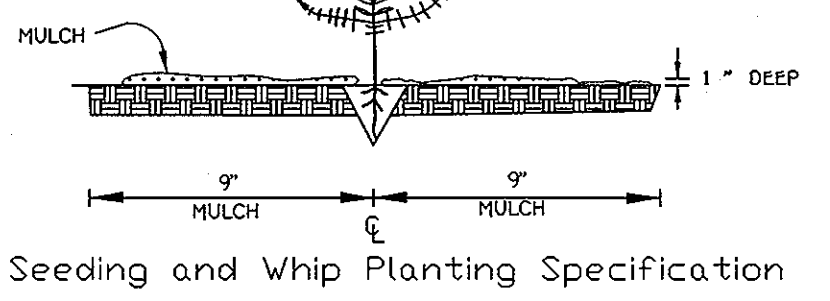
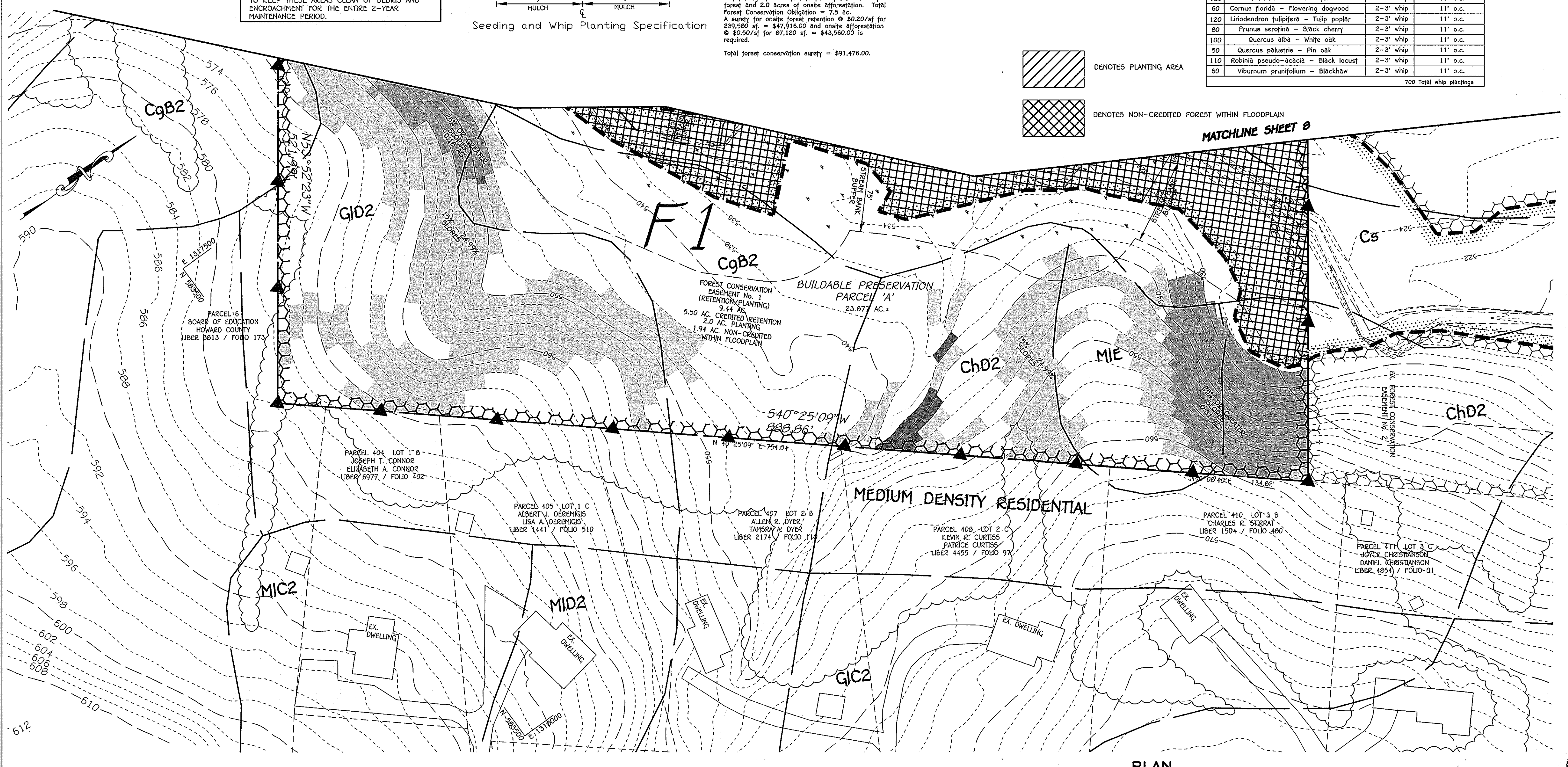
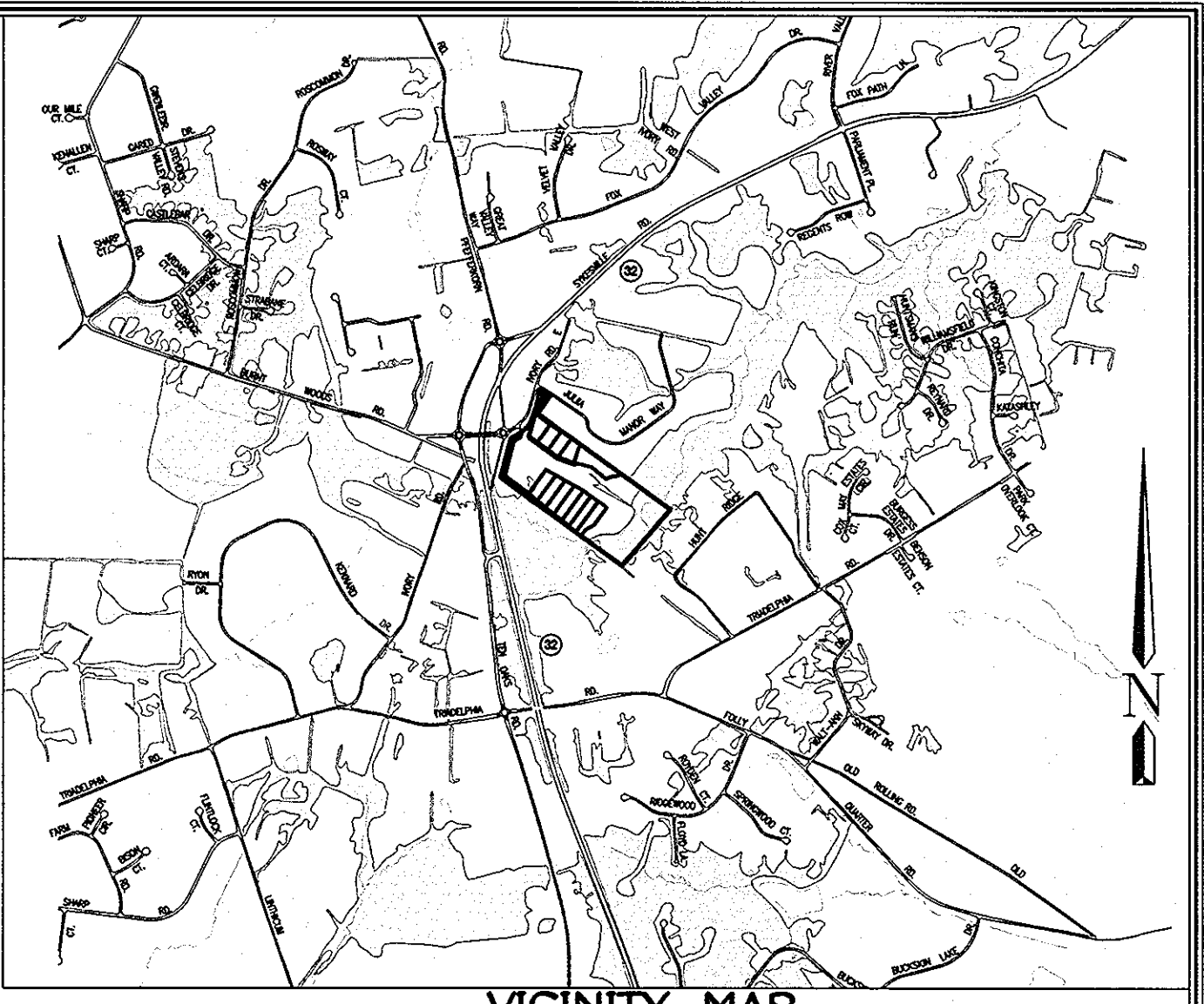
SPECIMEN TREES

TREE DESIGNATION	SIZE	TYPE	REMARKS
A	32"	WHITE OAK	SAVE
B	33"	NORWAY MAPLE	REMOVE
C	33"	NORWAY MAPLE	REMOVE

* - These species (Norway Maple) are being removed due to the need to provide access to the proposed lots.

FCE Planting Area - 2.0 acres
Planting required: (350 WHIPS PER ACRE) = 2 x 350 = 700 WHIPS

QTY	Species	Size	Spacing
120	Acer rubrum - Red maple	2-3' whip	11' o.c.
60	Cornus florida - Flowering dogwood	2-3' whip	11' o.c.
120	Liriodendron tulipifera - Tulip poplar	2-3' whip	11' o.c.
80	Prunus serotina - Black cherry	2-3' whip	11' o.c.
100	Quercus alba - White oak	2-3' whip	11' o.c.
50	Quercus palustris - Pin oak	2-3' whip	11' o.c.
110	Robinia pseudo-acacia - Black locust	2-3' whip	11' o.c.
60	Viburnum prunifolium - Blackhaw	2-3' whip	11' o.c.
700 Total whip plantings			



MATCHLINE SHEET B

PLAN
SCALE: 1" = 50'

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SOURCE OFFICE PARK - 10722 BALTIMORE NATIONAL PARK
ELLSWORTH CITY, MARYLAND 21042
(410) 461-2899

Eco-Science Professionals, Inc.
CONSULTING ECOLOGISTS
MD DNR Qualified Professional
USACOE Wetland Delineator
Certification # WDCP99M006100448
John P. Canoles 8/19/10

TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY

Anna S. Biele
PLANNING DIRECTOR
10/20/10 DATE

OWNER AND DEVELOPER
GEORGE & TERESA BORDMAN
12126 ROUTE 216
FULTON, MARYLAND 20759

Professional certification, I hereby certify that these documents were prepared by me and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 13204, Expiration Date 11/03/10.

Charles J. Crovo Sr.
CHARLES J. CROVO SR., P.E.
8/19/10 DATE



PRELIMINARY FOREST CONSERVATION PLAN
PAUPERS FOLLY
LOTS 1-11, BUILDABLE PRESERVATION PARCEL 'A'
AND NON-BUILDABLE PRESERVATION PARCEL 'B'-10'

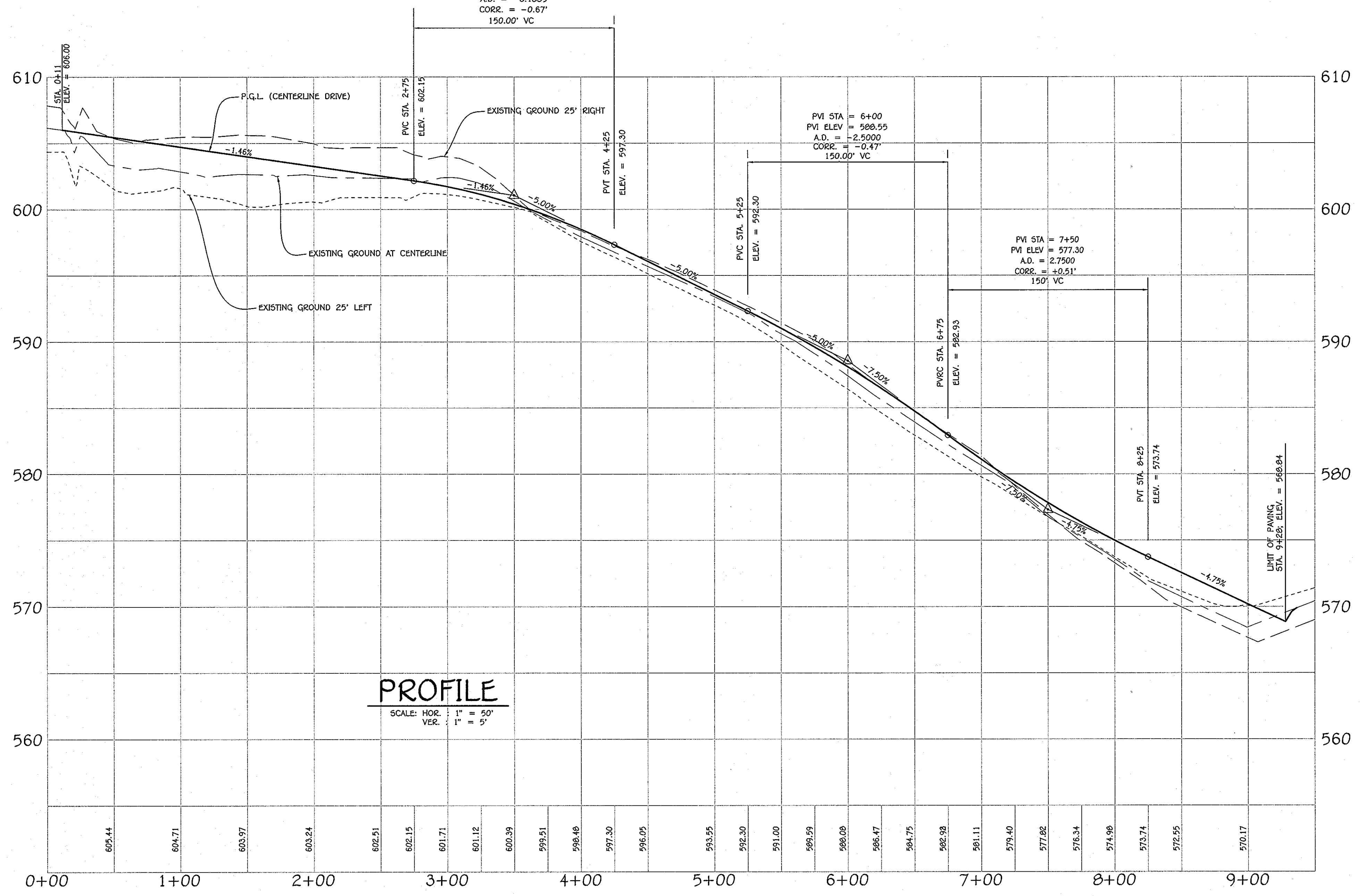
ZONED: RR-DEO
TAX MAP NO. 22 GRID NO. 0 PARCEL NOS. 116 & 7 (PAR. A)
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
DATE: AUGUST 18, 2010
SHEET 9 OF 13

TERGEO DRIVE

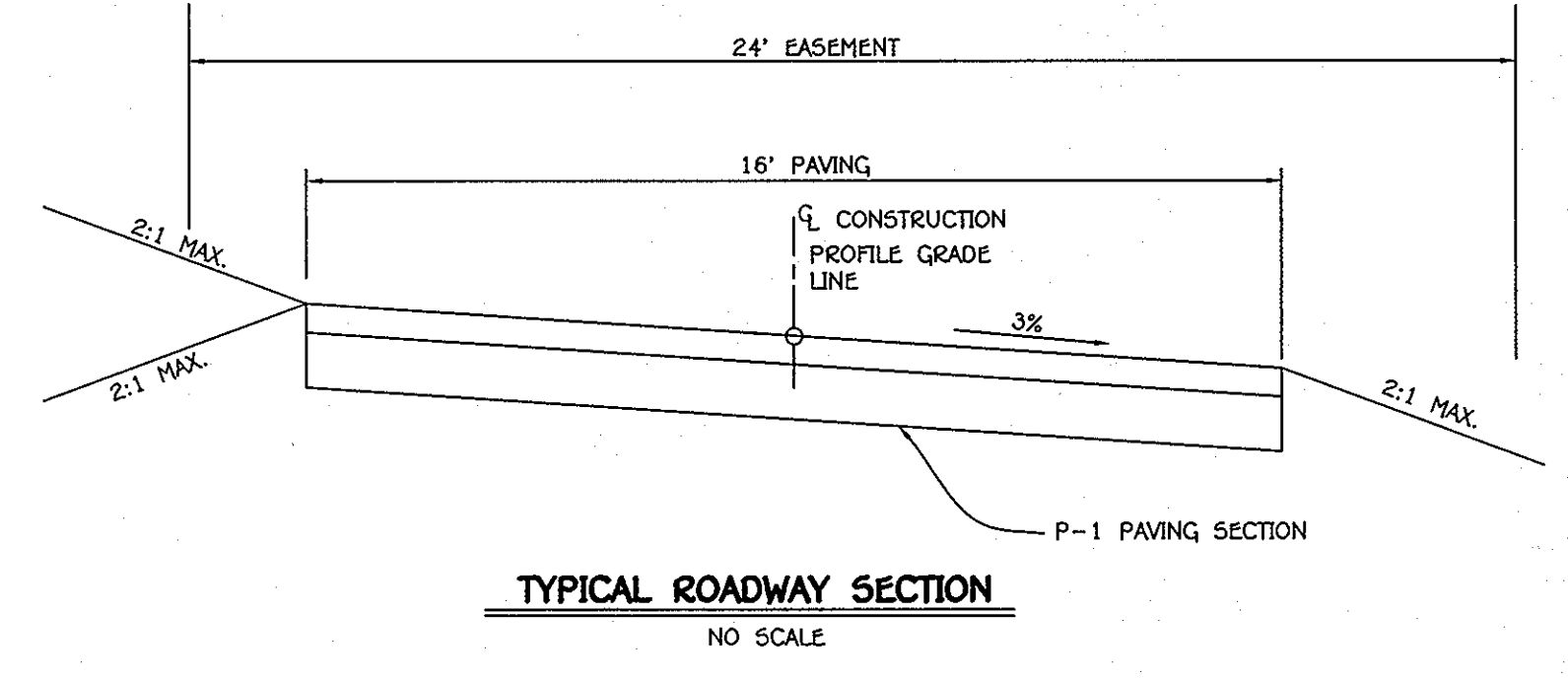
PVI STA = 3+50
 PVI ELEV = 601.05
 A.D. = -3.1885
 CORR. = -0.67'
 150.00' VC

PVI STA = 6+00
 PVI ELEV = 588.55
 A.D. = -2.5000
 CORR. = -0.47'
 150.00' VC

PVI STA = 7+50
 PVI ELEV = 577.30
 A.D. = 2.7500
 CORR. = +0.51'
 150' VC

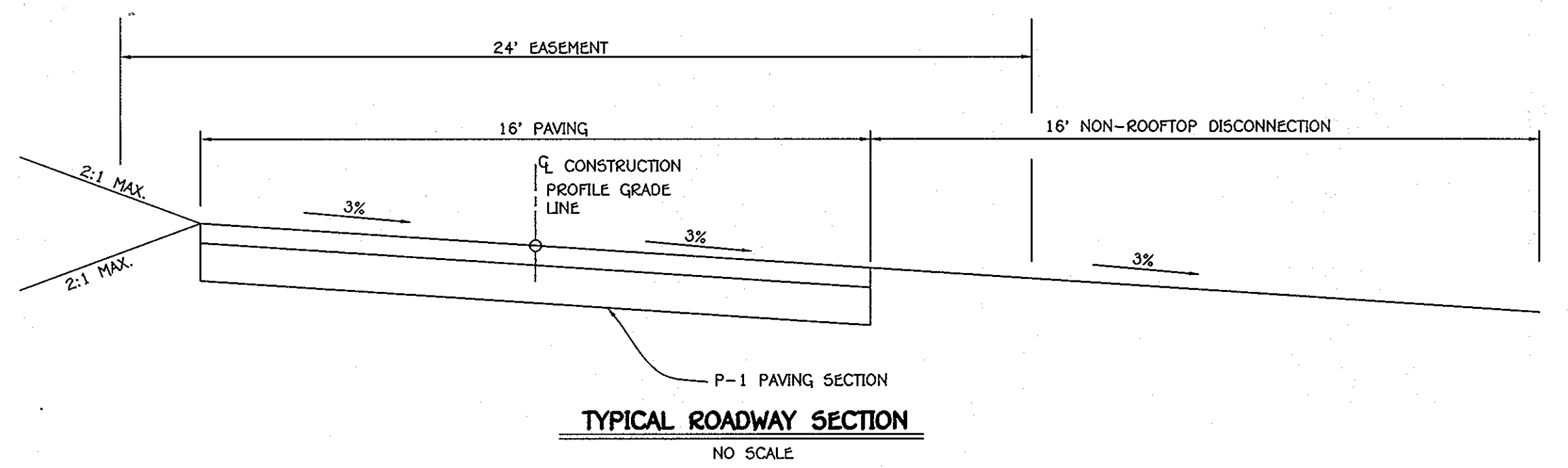


PROFILE
 SCALE: HOR. 1" = 50'
 VER. 1" = 5'



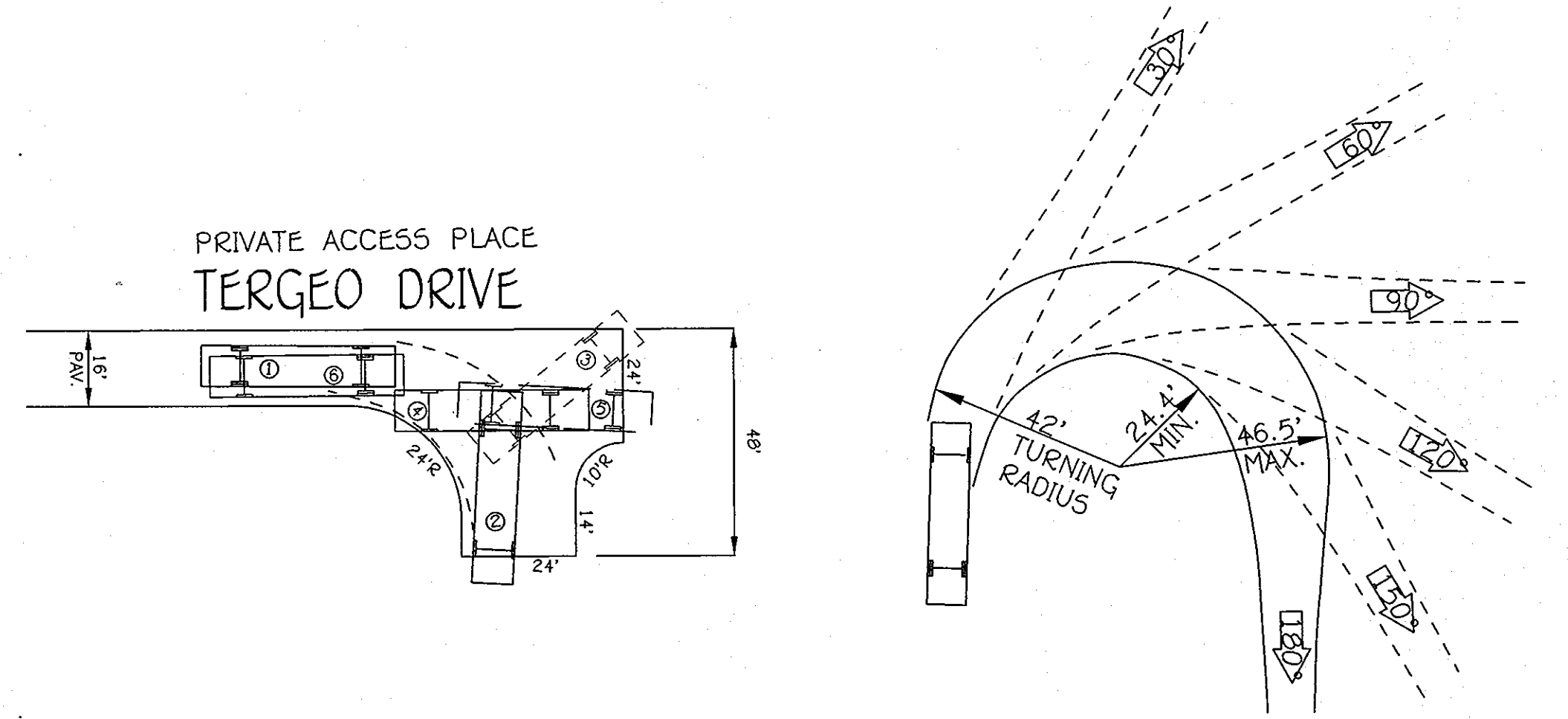
TYPICAL ROADWAY SECTION
 NO SCALE

ROADWAY INFORMATION CHART					
ROAD NAME	CLASSIFICATION	DESIGN SPEED	ZONING	STATION LIMITS	PAVING SECTION
TERGEO DRIVE	PRIVATE ACCESS PLACE	25 M.P.H.	RR-DEO	0+00 TO 3+40	P-1

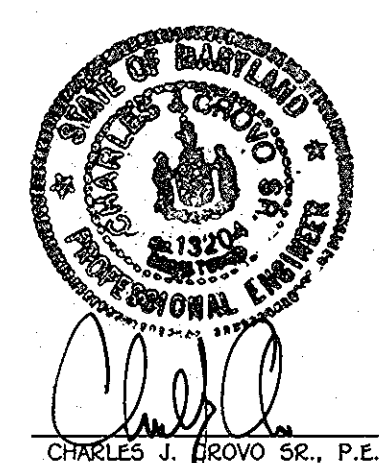


TYPICAL ROADWAY SECTION
 NO SCALE

ROADWAY INFORMATION CHART					
ROAD NAME	CLASSIFICATION	DESIGN SPEED	ZONING	STATION LIMITS	PAVING SECTION
TERGEO DRIVE	PRIVATE ACCESS PLACE	25 M.P.H.	RR-DEO	3+40 TO 9+28	P-2



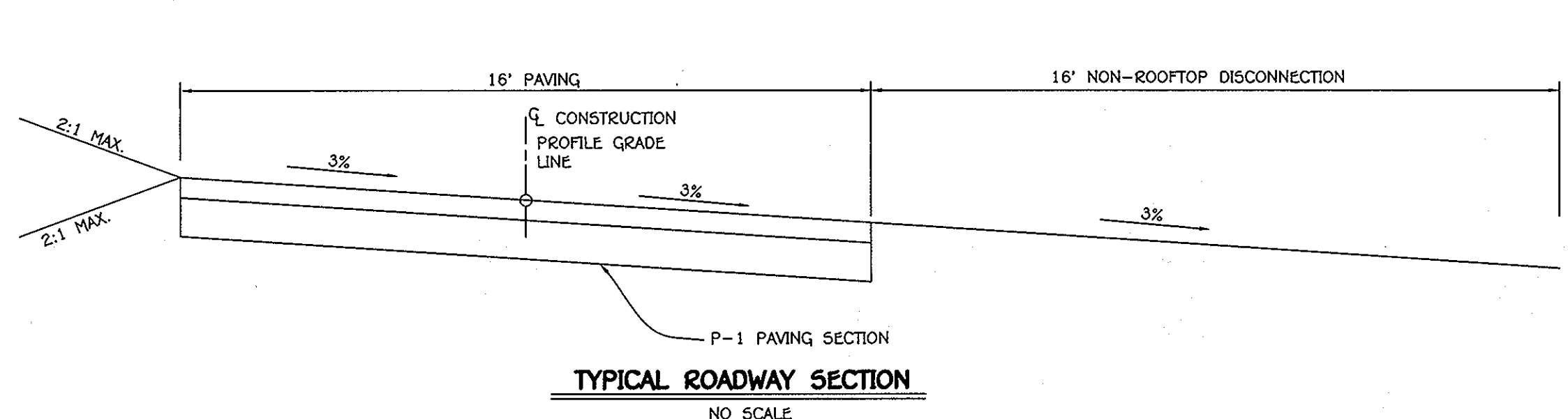
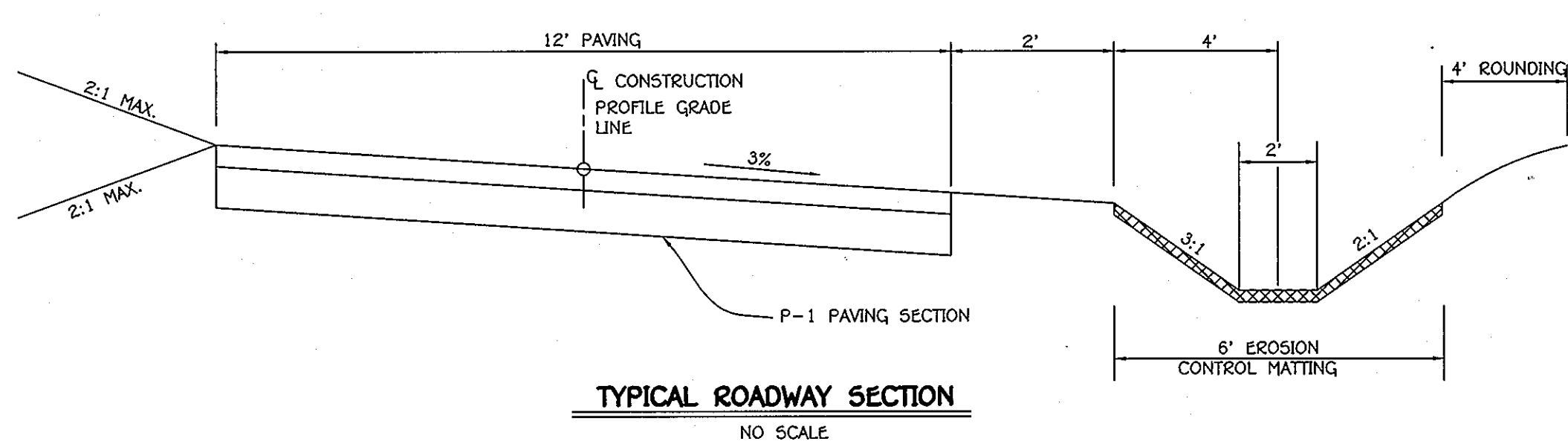
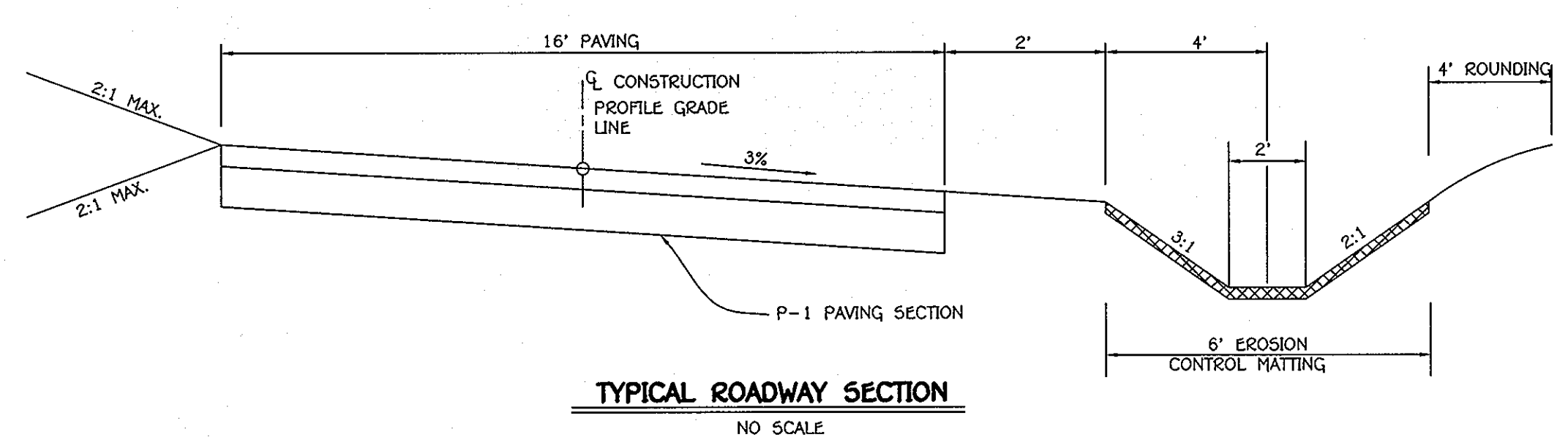
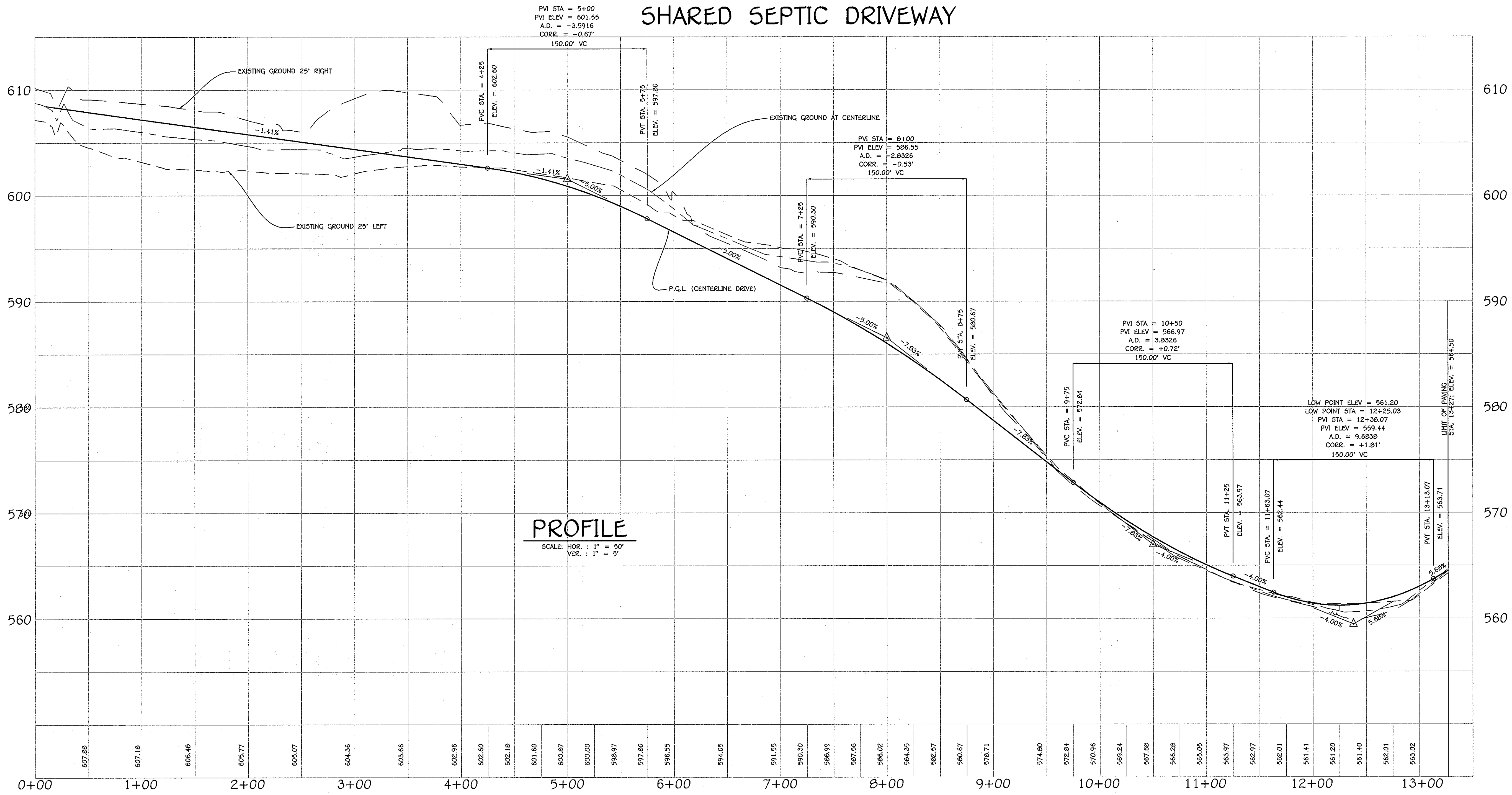
BUS TURNING MOVEMENT
 SCALE: 1" = 30'



8/19/10
 DATE

PRELIMINARY ROAD PROFILES
PAUPERS FOLLY
 LOTS 1-11, BUILDABLE PRESERVATION PARCEL 'A'
 AND NON-BUILDABLE PRESERVATION PARCEL 'B'-'D'
 ZONED: RR-DEO
 TAX MAP No. 22 GGD No. 9 PARCEL Nos. 116 & 7 (PAR. A)
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DATE: AUGUST 18, 2010
 SHEET 10 OF 13

SHARED SEPTIC DRIVEWAY



ROADWAY INFORMATION CHART

ROAD NAME	CLASSIFICATION	DESIGN SPEED	ZONING	STATION LIMITS	PAVING SECTION
SHARED SEPTIC DRIVEWAY	PRIVATE DRIVEWAY	25 M.P.H.	RR-DEO	0+00 TO 2+50	P-1

ROADWAY INFORMATION CHART

ROAD NAME	CLASSIFICATION	DESIGN SPEED	ZONING	STATION LIMITS	PAVING SECTION
SHARED SEPTIC DRIVEWAY	PRIVATE DRIVEWAY	25 M.P.H.	RR-DEO	2+50 TO 5+75	P-1

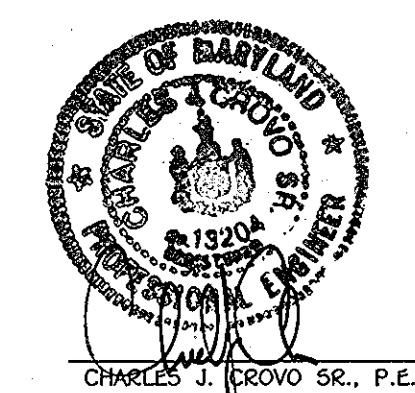
ROADWAY INFORMATION CHART

ROAD NAME	CLASSIFICATION	DESIGN SPEED	ZONING	STATION LIMITS	PAVING SECTION
SHARED SEPTIC DRIVEWAY	PRIVATE DRIVEWAY	25 M.P.H.	RR-DEO	5+75 TO 13+27	P-1

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLSWORTH CITY, MARYLAND 21042
 (410) 461-2999

OWNER AND DEVELOPER
 GEORGE & TERESA BOARMAN
 12125 ROUTE 216
 FULTON, MARYLAND 20759

"Professional certification, I hereby certify that these documents were prepared by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 13226, Expiration Date 11/03/10."

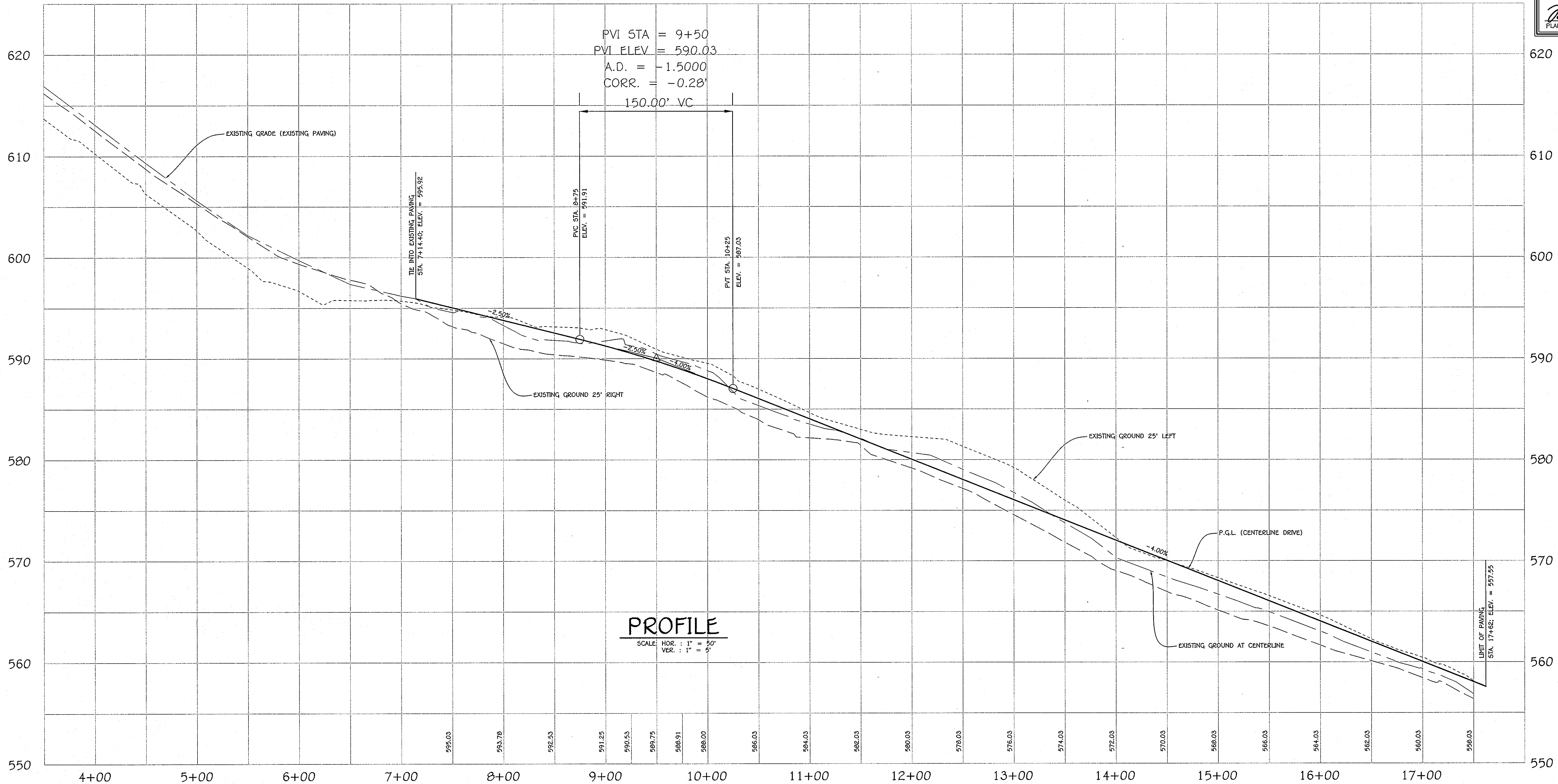


8/13/10
 DATE

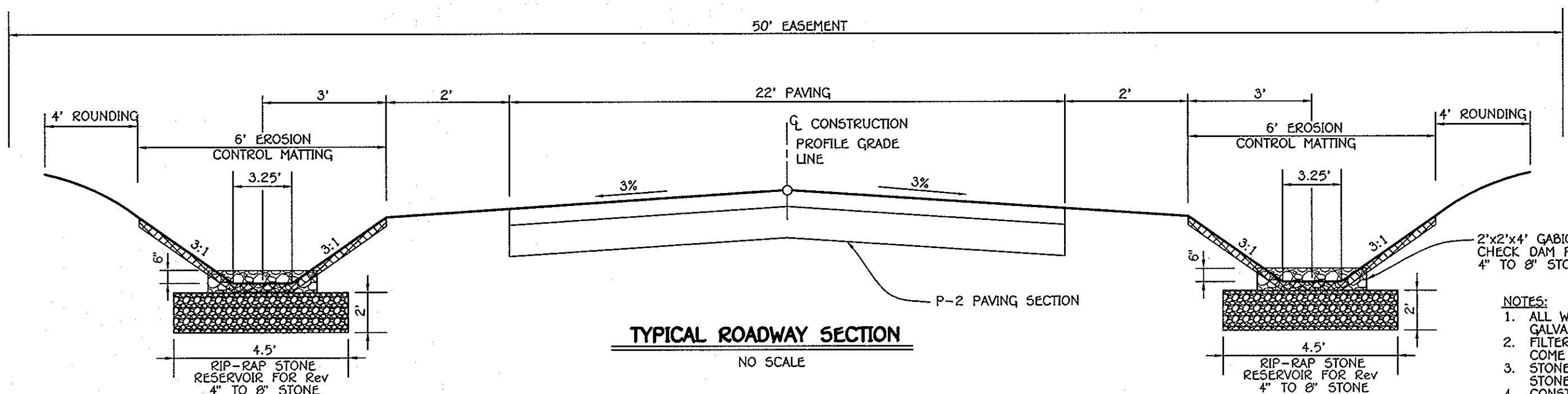
PRELIMINARY ROAD PROFILES
PAUPERS FOLLY
 LOTS 1-11, BUILDABLE PRESERVATION PARCEL 'A'
 AND NON-BUILDABLE PRESERVATION PARCEL 'B'-'D'
 ZONED: RR-DEO
 TAX MAP No. 22 GRID No. 9 PARCEL Nos. 116 & 7 (PAR. A)
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DATE: AUGUST 18, 2010
 SHEET 11 OF 13

PAUPERS FOLLY LANE

TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY
Thomas & Autler 10/20/10
PLANNING DIRECTOR DATE



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

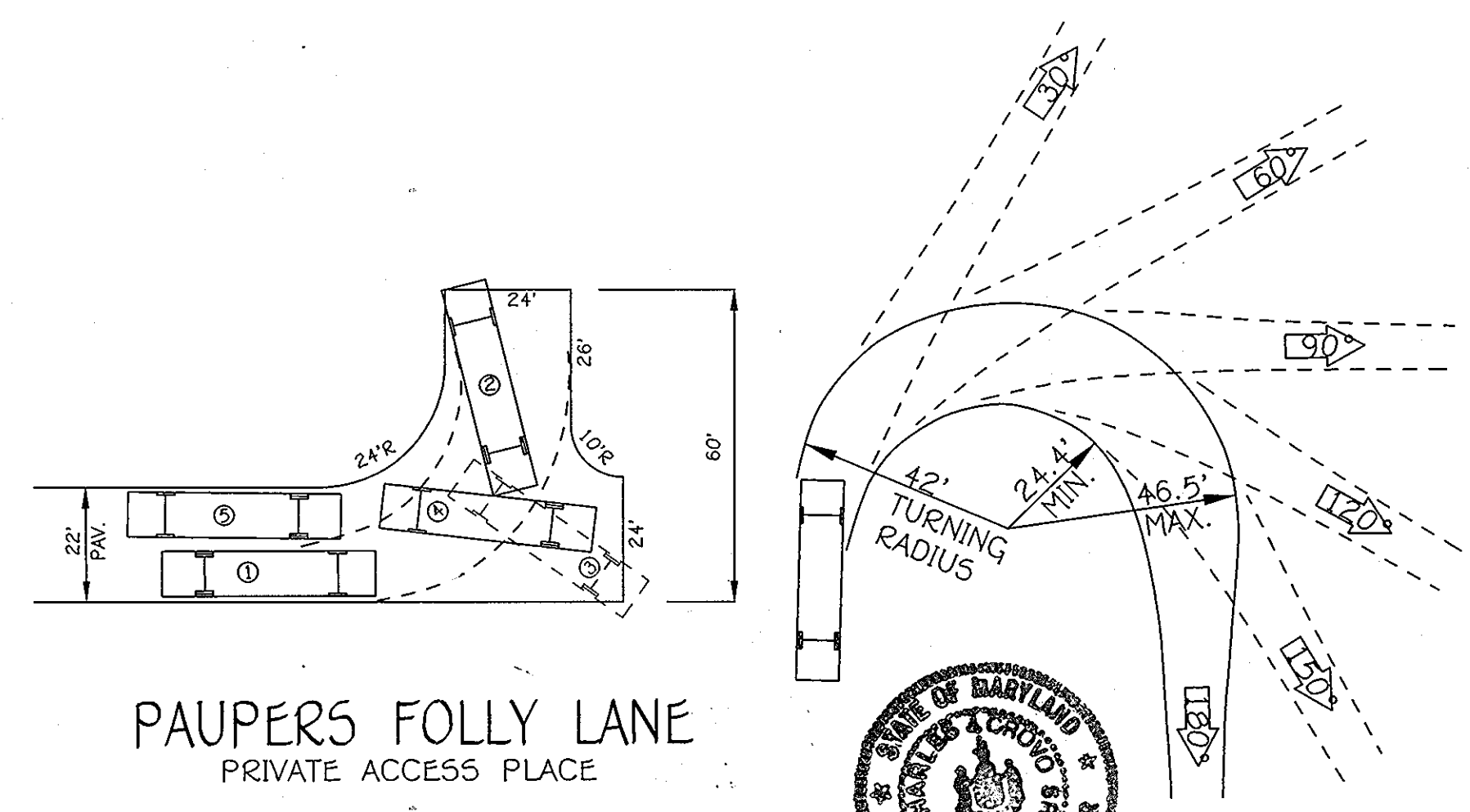


TYPICAL ROADWAY SECTION
NO SCALE

- NOTES:**
1. ALL WIRE USED IN GABION CONSTRUCTION SHALL BE GALVANIZED AND PLASTIC COATED.
 2. FILTER CLOTH SHALL BE PLACED WHEREVER GABIONS COME INTO CONTACT WITH SOIL.
 3. STONE FILL SHALL CONSIST OF HARD, DURABLE, CLEAN STONE 4"-8" IN DIAMETER.
 4. CONSTRUCTION MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 5. INCREASE THE CHECK DAM LENGTH AS NEEDED TO ENSURE BOTH ENDS OF THE CHECK DAM ARE EMBEDDED INTO THE SIDE SLOPES OF THE EMBANKMENT A MINIMUM OF 1'.

ROADWAY INFORMATION CHART

ROAD NAME	CLASSIFICATION	DESIGN SPEED	ZONING	STATION LIMITS	PAVING SECTION
PAUPERS FOLLY LANE	PRIVATE ACCESS PLACE	25 M.P.H.	RR-DEO	7+14.40 TO 17+62	P-2



PAUPERS FOLLY LANE
PRIVATE ACCESS PLACE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CORPORATE OFFICE: 10272 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
(410) 461-2995

OWNER AND DEVELOPER
GEORGE & TERESA BOARMAN
12125 ROUTE 216
FULTON, MARYLAND 20759

"Professional certification, I hereby certify that these documents were prepared by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 13203, Expiration Date 11/03/10."

Charles J. Grovo Sr., P.E.
CHARLES J. GROVO SR., P.E.

8/19/16
DATE

PRELIMINARY ROAD PROFILES
PAUPERS FOLLY
LOTS 1-11, BUILDABLE PRESERVATION PARCEL 'A'
AND NON-BUILDABLE PRESERVATION PARCEL 'B'-'D'
ZONED: RR-DEO
TAX MAP No. 22 GRID No. 9 PARCEL Nos. 116 & 7 (PAR. A)
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
DATE: AUGUST 18, 2010
SHEET 12 OF 13



SOILS LEGEND		
SOIL	NAME	CLASS
** Ba	Baile silt loam	D
ChA	Chester silt loam, 0 to 3 percent slopes	B
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
ChC2	Chester silt loam, 8 to 15 percent slopes, moderately eroded	B
CgB2	Chester gravelly silt loam, 3 to 8 percent slopes, moderately eroded	B
CgC2	Chester gravelly silt loam, 8 to 15 percent slopes, moderately eroded	B
* Ca	Comus silt loam	B
Eka	Elioak silt loam, 0 to 3 percent slopes	B
EkB2	Elioak silt loam, 3 to 8 percent slopes, moderately eroded	B
EkC2	Elioak silt loam, 8 to 15 percent slopes, moderately eroded	B
EkD2	Elioak silt loam, 15 to 25 percent slopes, moderately eroded	B
* GnB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
GIC2	Glenelg loam, 8 to 15 percent slopes, moderately eroded	B
GIC3	Glenelg loam, 8 to 15 percent slopes, severely eroded	B
GID2	Glenelg loam, 15 to 25 percent slopes, moderately eroded	B
MIE	Manor loam, 25 to 45 percent slopes	B
MIB2	Manor loam, 3 to 8 percent slopes, moderately eroded	B
MID2	Manor loam, 15 to 25 percent slopes, moderately eroded	B
MgB2	Manor gravelly loam, 3 to 8 percent slopes, moderately eroded	B
MgC2	Manor gravelly loam, 8 to 15 percent slopes, moderately eroded	B
MnD	Manor very stony loam, 3 to 25 percent slopes	B

NOTES:
 * Hydric soils and/or contains hydric inclusions
 ** May contain hydric inclusions
 † Generally only within 100-year floodplain areas

DRAINAGE AREA DATA				
DRAINAGE AREA	AREA	'C'	ZONED	% IMP.
A	0.59 AC.	0.33	RR-DEO	12%
B	0.80 AC.	0.33	RR-DEO	12%
C	0.14 AC.	0.92	RR-DEO	95%
D	1.06 AC.	0.33	RR-DEO	12%
E	0.17 AC.	0.92	RR-DEO	95%
F	0.82 AC.	0.33	RR-DEO	12%
G	0.09 AC.	0.92	RR-DEO	95%
H	0.39 AC.	0.33	RR-DEO	12%

PLAN
 SCALE: 1" = 100'

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10272 SALTSTONE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2899

OWNER AND DEVELOPER
 GEORGE & TERESA BOARMAN
 12125 ROUTE 216
 FULTON, MARYLAND 20775

"Professional certification, I hereby certify that these documents were prepared by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 13202, Expiration Date 11/03/10."



Charles J. Provo
 CHARLES J. PROVO SR., P.E.
 DATE 9/22/10

PRELIMINARY DRAINAGE
 AREA MAP & SOILS MAP
PAUPERS FOLLY
 LOTS 1-11, BUILDABLE PRESERVATION PARCEL 'A'
 AND NON-BUILDABLE PRESERVATION PARCEL 'B'-'D'
 ZONED: RR-DEO
 TAX MAP No. 22 GRID No. 9 PARCEL Nos. 116 & 7 (PAR. A)
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DATE: AUGUST 18, 2010
 SHEET 13 OF 13