

**GENERAL NOTES:**

- SUBJECT PROPERTY ZONED R-20 PER 2-2-04 COMPREHENSIVE ZONING PLAN AND THE "COMP LITE" ZONING AMENDMENTS EFFECTIVE 7/28/2006
- THE PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.
- TOPOGRAPHY SHOWN HEREON IS BASED ON AERIAL SURVEY PREPARED BY WINGS TOPOGRAPHY INC. DATED JUNE 2008.
- BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT MAY 2008 BY SHANABERGER AND LANE.
- COORDINATES BASED ON NAD '83 (HORIZONTAL) AND NAVD '88 (VERTICAL) MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO.35AA AND 35BB  
 STA. No. 31DA N 571,700.693 E 1,369,606.348 ELEV. 494.421  
 STA. No. 31DA N 571,982.686 E 1,372,145.055 ELEV. 481.585
- PROJECT BACKGROUND:**  
 TAX MAP: 31, PARCEL: 101, GRID: 9 AND 15.  
 ELECTION DISTRICT: SECOND  
 ZONING: R-20  
 DEED REFERENCE: 6911/243  
 ADDRESS: 5036 BONNIE BRANCH RD., ELLICOTT CITY, MD 21043
- AREA TABULATION**  
 GROSS AREA OF PROPERTY TRACT: 9.88 AC.±  
 AREA OF FLOODPLAIN: 0.88 AC.±  
 NUMBER OF BUILDABLE LOTS ALLOWED: 15 LOTS  
 NUMBER OF BUILDABLE LOTS PROPOSED: 15 LOTS  
 MINIMUM LOT AREA ALLOWED: 20,000 S.F.  
 AREA OF PROPOSED LOTS: 4.18 AC.±  
 AREA OF OPEN SPACE REQUIRED: 40% = 3.95 AC.±  
 AREA OF OPEN SPACE PROVIDED: 4.15 AC.±  
 AREA OF CREDITED OPEN SPACE PROVIDED: 4.08 AC.± (41.2%)  
 AREA OF NON-CREDITED OPEN SPACE PROVIDED: 0.07 AC.±  
 AREA OF REC. OPEN SPACE REQUIRED: 200 SQ.FT./LOT = 3,000 SQ.FT.  
 AREA OF REC. OPEN SPACE PROVIDED: 4,500 SQ.FT.  
 AREA OF PUBLIC ROAD DEDICATION: 11,237 SQ.FT. (0.26 AC.±)  
 AREA OF PUBLIC ROAD ROW: 56,192 SQ.FT. (1.29 AC.±)
- WATER PUBLIC EXISTING CONTRACT NO. 64-W WILL BE UTILIZED.
- SEWER PUBLIC EXISTING CONTRACT NO. 418-S WILL BE UTILIZED.
- STORMWATER MANAGEMENT IS PROVIDED BY SAND-FILTER FACILITY AND SHEET FLOW TO THE BUFFER IN ACCORDANCE WITH THE 2000 MARYLAND STORMWATER DESIGN MANUAL. STORMWATER MANAGEMENT FACILITY WILL BE PRIVATELY OWNED AND MAINTAINED BY HOA.
- EXISTING UTILITIES SHOWN HEREON ARE BASED ON AERIAL SURVEY PREPARED BY WINGS TOPOGRAPHY INC., DATED JUNE 2008.
- THE FLOODPLAIN STUDY FOR THIS PROJECT WAS PREPARED BY MILDENBERG, BOENDER AND ASSOCIATES, INC. DATED, AUGUST 2008.
- FOREST STAND AND WETLANDS DELINEATION PREPARED BY HILLIS-CARNES ENGINEERING ASSOCIATES, INC. DATED JUNE 2008, UPDATED ON DECEMBER 2008.
- APFO ROAD TEST WAS PREPARED BY TRAFFIC GROUP, DATED NOVEMBER 2008, AND APPROVED ON MAY 18, 2009.
- NO NOISE STUDY IS REQUIRED FOR THIS PROJECT.
- GEOTECHNICAL REPORT FOR THIS PROJECT WAS PREPARED BY HILLIS-CARNES ENGINEERING ASSOCIATES, INC. DATED JUNE 2008.
- |  |  |
|--|--|
|  | DENOTES SLOPES GREATER THAN 25%                                    |
|  | DENOTES 15% TO 25% SLOPES  |
|  | DENOTES FLOODPLAIN   |
|  | DENOTES ROAD DEDICATION  |
|  | DENOTES FOREST CONSERVATION EASEMENT (RETENTION)                   |
|  | DENOTES FOREST CONSERVATION EASEMENT (AFFORESTATION/REFORESTATION) |
|  | DENOTES RECREATION OPEN SPACE                                      |
|  | DENOTES NON-CREDITED OPEN SPACE                                    |
|  | DENOTES WETLANDS   |
- NO HISTORIC STRUCTURES, CEMETERIES, OR GRAVE SITES EXIST ON-SITE. SITE IS ADJACENT TO A DESIGNATED SCENIC ROAD.

- SOIL DELINEATION IS BASED ON HOWARD COUNTY SOIL SURVEY MAP, PAGE 23.
- THE FOREST CONSERVATION REQUIREMENTS PER SECTION 16.1202 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY RETENTION OF 2.16 ACRES OF FOREST, AFFORESTATION OF 0.46 ACRES AND FEE-IN-LIEU OF 0.26 ACRES. FINANCIAL SURETY FOR THE ON-SITE RETENTION FOR THE AMOUNT OF \$ 18,817.92, AFFORESTATION FOR THE AMOUNT OF \$ 10,018.80 AND FEE-IN-LIEU FOR THE AMOUNT OF \$ 8,494.20 FOR A TOTAL OF \$ 37,330.92 WILL BE POSTED AS PART OF THE DEVELOPERS AGREEMENT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT; HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.
- DUE TO EXTENSIVE ENVIRONMENTAL FEATURES AND ASSOCIATED REQUIRED BUFFERS, FUTURE SUBDIVISION OF PARCEL 102 WOULD BE NON-EXISTENT OR EXTREMELY LIMITED AND ACCESS TO THIS PARCEL THROUGH THE PROPOSED PETERSON PROPERTY SUBDIVISION IS NOT REQUIRED.
- ALL EXISTING STRUCTURES ARE TO BE REMOVED UNLESS OTHERWISE NOTED.
- AGE OF THE EXISTING STRUCTURES ARE ESTIMATED.
- EXISTING GARAGE ON LOT 1 SHALL BE REMOVED PRIOR TO RECORDATION OF THE ASSOCIATED PLAT.

**MINIMUM LOT SIZE CHART**

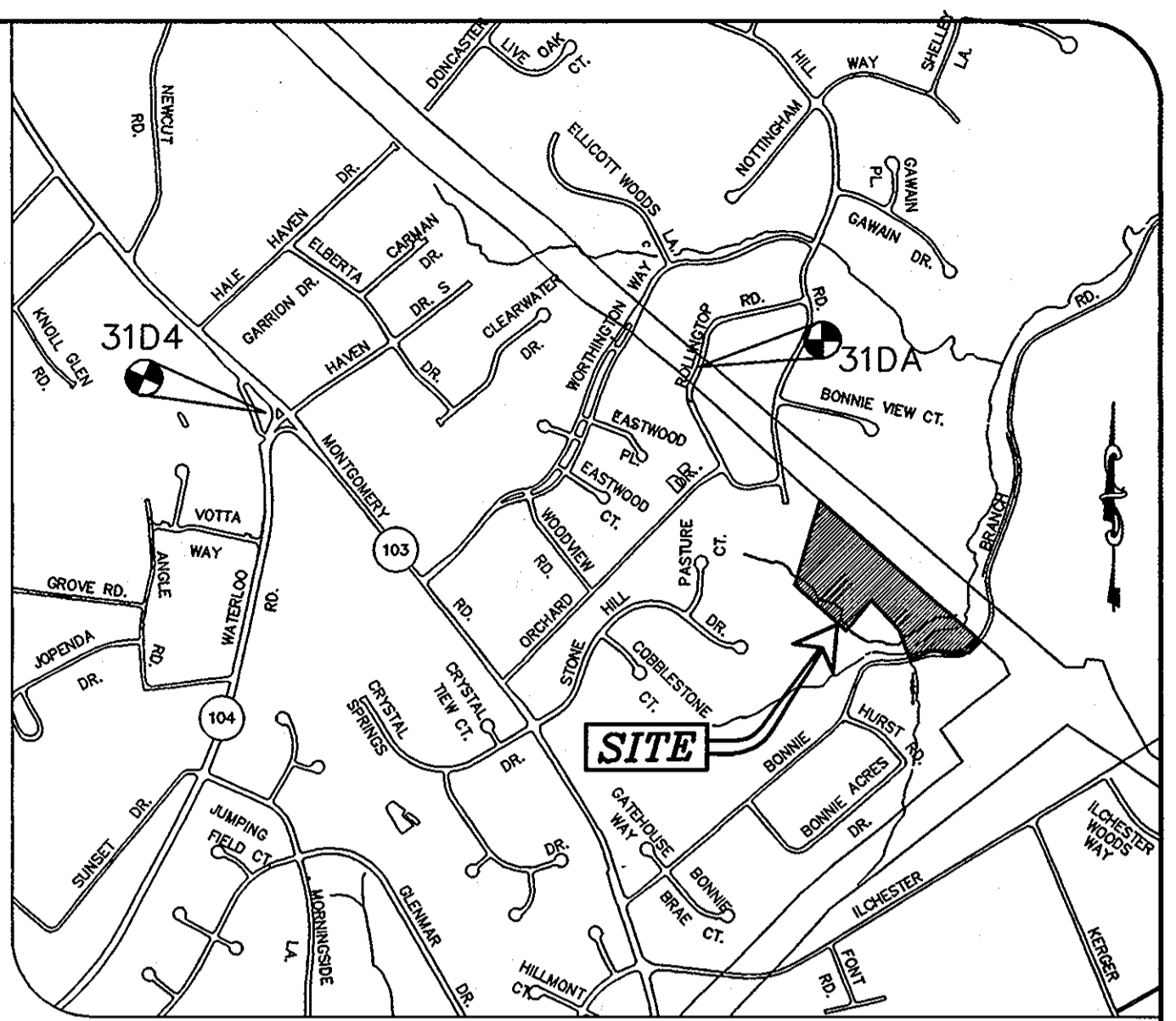
LOT NO.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
10	12,028 SQ.FT.	28 SQ.FT.	12,000 SQ.FT.
11	13,171 SQ.FT.	1,171 SQ.FT.	12,000 SQ.FT.
12	12,657 SQ.FT.	657 SQ.FT.	12,000 SQ.FT.

**CURVE TABLE**

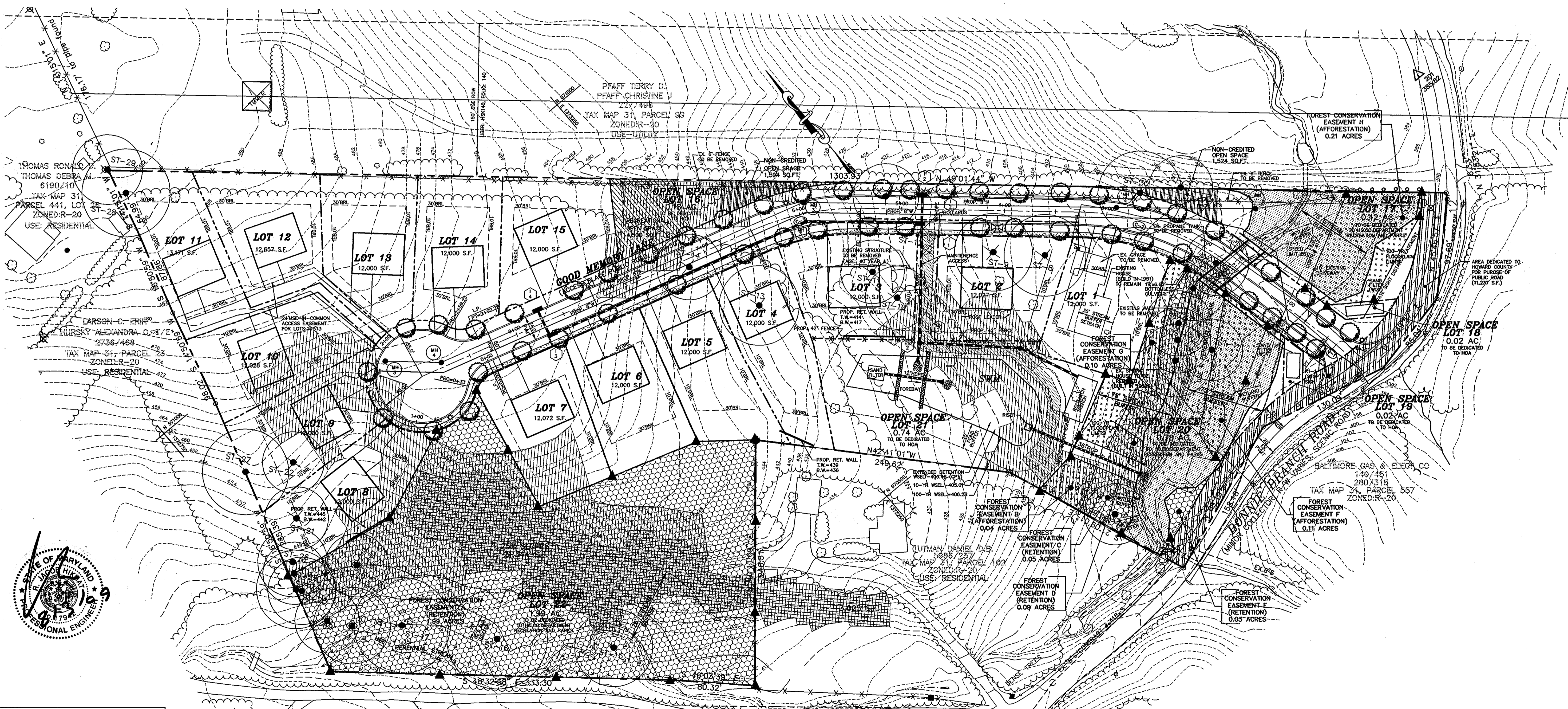
CURVE	RADIUS	LENGTH	TANGENT	DELTA	CHORD BEARING & DISTANCE
C1	210.00	48.71	24.47	13°17'28"	N06°08'03"W 48.61
C2	250.00	158.17	81.83	36°14'57"	N30°54'15"W 155.45
C3	250.00	109.63	55.71	25°07'28"	N61°35'28"W 108.75

**SHEET INDEX**

NO	TITLE
1	PRELIMINARY EQUIVALENT SKETCH PLAN
2	PRELIMINARY GRADING AND SEDIMENT CONTROL PLAN
3	PRELIMINARY ROAD PROFILE
4	PRELIMINARY LANDSCAPING AND FOREST CONSERVATION PLAN



**VICINITY MAP**  
 1" = 200'  
 ADC MAP 16 (3H)



TENTATIVELY APPROVED  
 DEPARTMENT OF PLANNING AND ZONING  
 HOWARD COUNTY  
*Thomas E. Suttler*  
 PLANNING DIRECTOR, DEP.  
 DATE: 8/10/09

CHENAULT MARIAN R.C.  
 CHENAULT TREATHA W.F.  
 9853/361  
 TAX MAP 31, PARCEL 225  
 ZONED: R-20  
 USE: RESIDENTIAL

HOFMAN ERIC J.  
 572/244  
 TAX MAP 31, PARCEL 472  
 ZONED: R-20  
 USE: RESIDENTIAL

**OWNER/DEVELOPER**  
 MICHELE PETERSON  
 C/O MILDENBERG, BOENDER AND ASSOC., INC.  
 5072 DORSEY HALL DRIVE SUITE 202  
 ELLICOTT CITY, MARYLAND 21042  
 410-997-0296

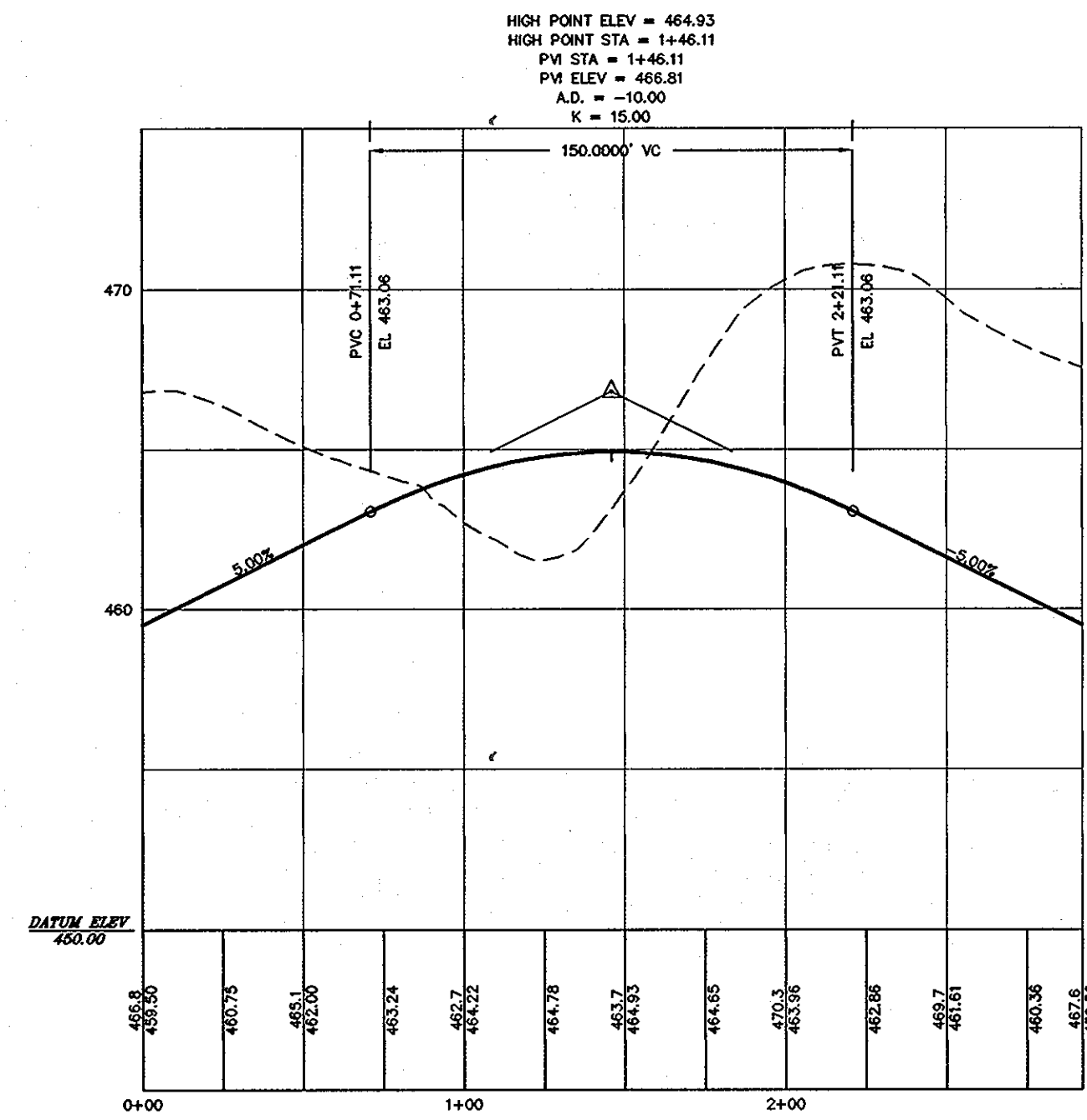
Project	08-007	date	AUG. 09
Illustration	MMM	engineering	MMM
Scale	1"=50'	approval	MMM
Revisions		date	

NO.	description	date

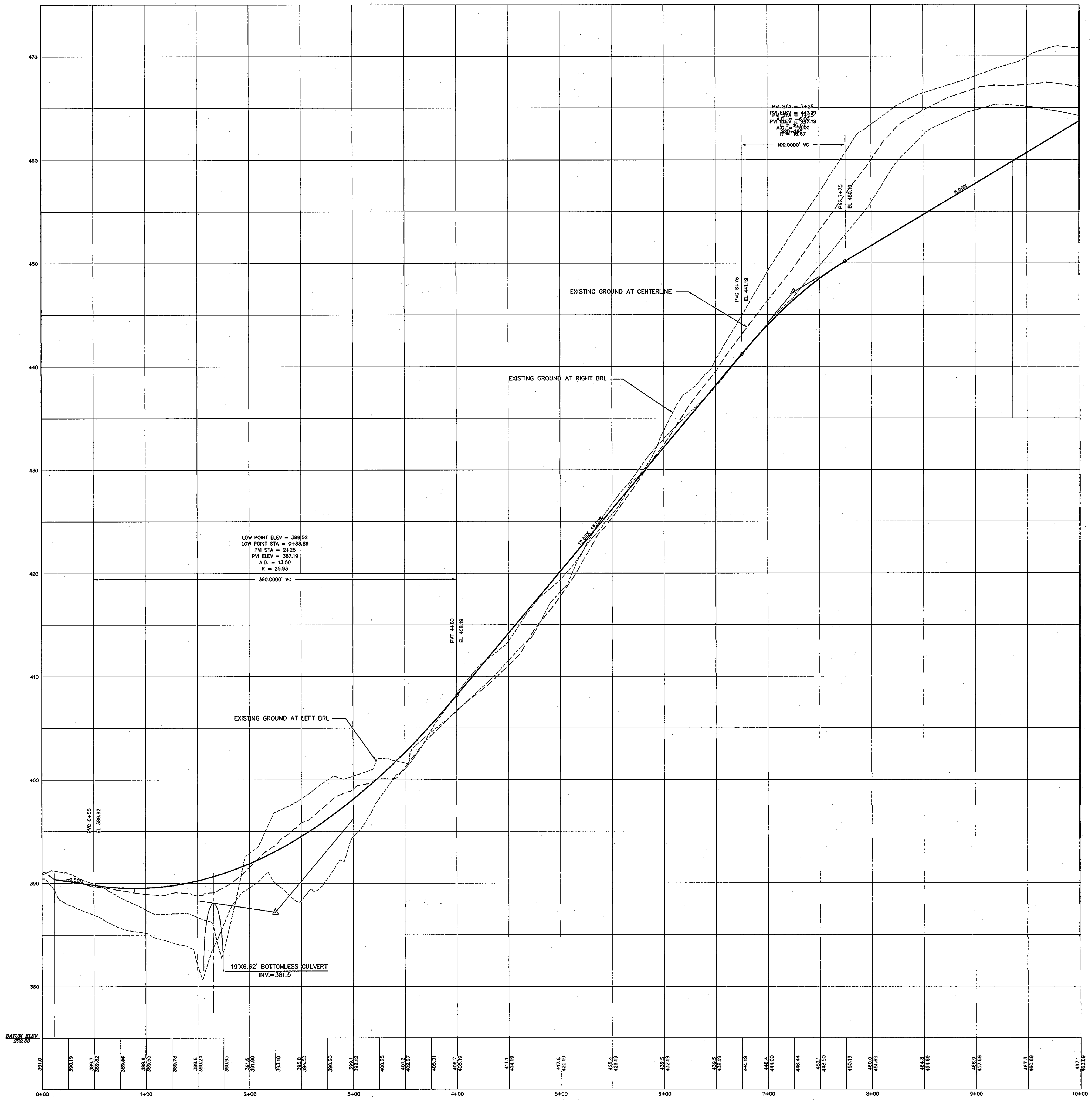
**PETERSON PROPERTY**  
 TAX MAP: 31, PARCEL: 101  
 HOWARD COUNTY, MARYLAND  
 SECOND ELECTION DISTRICT  
**PRELIMINARY EQUIVALENT SKETCH PLAN**

**MILDENBERG, BOENDER & ASSOC., INC.**  
 Engineers Planners Surveyors  
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
 (410) 997-0296 Fax: (410) 997-0288 Fax.





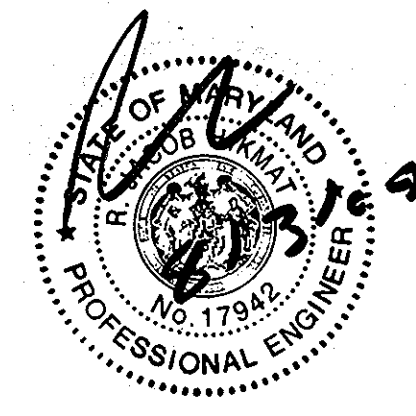
**GOOD MEMORY LANE  
LINEAR PROFILE**  
SCALE: HOR. 1"=50'  
VER. 1"=5'



**GOOD MEMORY LANE PROFILE**  
(ACCESS PLACE PUBLIC ROAD, DESIGN SPEED = 25 MPG, ROW=50')  
SCALE: HOR. 1"=50'  
VER. 1"=5'

**OWNER/DEVELOPER**

MICHELE PETERSON  
C/O MILDENBERG, BOENDER AND ASSOC., INC.  
5072 DORSEY HALL DRIVE, SUITE 202  
ELICOTT CITY, MARYLAND 21042  
410-997-0296



TENTATIVELY APPROVED  
DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY

*Thomas E. Ruttle*  
PLANNING DIRECTOR, DEP

8/10/09  
DATE

project	08-007	date	AUG.09
illustration	MMM	engineering	MMM
scale	1"=50'	approval	RIH

no.	description	date

**PETERSON PROPERTY**  
TAX MAP: 31 PARCEL: 101  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
**PRELIMINARY ROAD PROFILES**

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsey Hall Drive, Suite 202, Elicott City, Maryland 21042  
(410) 997-0296 Fax: (410) 997-0296 Fax

H: 08-007 DWG (PRELIMINARY) PRELIMINARY-R-20 (PRELIMINARY)

**PLANTING SPECIFICATIONS AND NOTES**

- PROTECTION FENCING AND SILT FENCES FOR SEDIMENT AND EROSION CONTROL ARE TO BE INSTALLED AS A FIRST ORDER OF BUSINESS. SEE PLAN FOR LOCATIONS.
- DISTURBANCE OF SOILS SHOULD BE LIMITED TO THE PLANTING FIELD FOR EACH PLANT. AS SHOWN ON THE DETAIL VIEW, A PLANTING FIELD SHOULD BE 5 X 5 DIAMETER OF THE ROOT BALL OR CONTAINER.
- SOIL MIX FOR ALL PLANTS EXCEPT ERICACEOUS MATERIALS: SOIL MIX SHALL CONSIST OF EQUAL PARTS OF THE CONTRACTOR'S BEST PLANTING FIELD LOCATION INTO WHICH THE CONTRACTOR SHALL THOROUGHLY INCORPORATE 25% BY VOLUME OF COMPOSTED SLUDGE.
- SOIL MIX FOR ERICACEOUS MATERIALS: SOIL MIX SHALL CONSIST OF EXISTING NATIVE TOPSOIL MIXTURE AT EACH PLANTING FIELD LOCATION INTO WHICH THE CONTRACTOR SHALL THOROUGHLY INCORPORATE 25% BY VOLUME PEAT MOSS.
- ALL MOUNDING IN 3 AND 4 SHALL BE LIMITED TO CONTAINER GROWN OR BALL AND BURLAP STOCK ONLY AND CONFINED TO THE PLANTING FIELD AND IMMEDIATE ADJACENT SOIL SURFACE AREA AND SHALL BE DONE TO THE SATISFACTION OF THE DESIGN TEAM OR ENGINEER.

- PLANT STORAGE AND INSPECTION**
- FOR CONTAINER GROWN NURSERY STOCK, PLANTING SHOULD OCCUR WITHIN 2 WEEKS AFTER DELIVERY TO THE SITE.
  - FOR BALL AND BURLAP NURSERY STOCK, PLANTING SHOULD OCCUR WITHIN THREE DAYS AFTER DELIVERY TO THE SITE.
  - PLANTING STOCK SHOULD BE INSPECTED PRIOR TO PLANTING. PLANTS NOT CONFORMING TO STANDARD NURSERYMAN SPECIFICATIONS FOR SIZE, FORM, MOOR, ROOTS, TRUNK WOUNDS, INSECTS AND DISEASE SHOULD BE REPLACED.
  - UNTIL PLANTED, ALL PLANT STOCK SHALL BE KEPT IN A SHADED, COOL, AND MOISTENED ENVIRONMENT.

- FINAL INSTALLATION**
- THE PLANTING FIELD SHOULD BE PREPARED AS SPECIFIED (SEE DETAIL). NATIVE TOPSOIL SHOULD BE USED FOR SOIL MIX AND BACKFILL FOR PLANTING FIELD. AFTER PLANT INSTALLATION, BACKFILL SOILS OVER THE PLANTING FIELD AND COVER WITH AT LEAST 4 INCHES OF MULCH. WATER GENEROUSLY TO SETTLE SOIL BACKFILLED AROUND TREES.
  - PLANTING FIELD DIAMETERS SHOULD BE REDUCED OR PLANTING FIELD MOVED IF IT APPEARS THAT EXCESSIVE EXISTING ROOT DAMAGE MAY OCCUR DURING DIGGING OPERATION NEAR EXISTING TREES.
  - CARE SHALL BE TAKEN WHEN DIGGING PLANTING FIELDS NOT TO CHOP THRU LARGER EXISTING ROOTS FROM EXISTING MATURE TREES. IF ROOTS GREATER THAN 1/2 INCH ARE ENCOUNTERED, PLEASE TRY TO DIG AROUND THEM AS IS POSSIBLE TO MINIMIZE IMPACT TO EXISTING TREES.
  - CONTAINER GROWN STOCK SHOULD BE REMOVED FROM THE CONTAINER AND ROOT BALLS GENTLY LOOSENED FROM THE SOIL. IF THE ROOTS ENCLOSE THE ROOT BALL, SUBSTITUTION IS STRONGLY RECOMMENDED.
  - J-SHAPED OR RINGED ROOT SYSTEMS SHOULD ALSO BE NOTED. ROOTS MAY NOT BE TRIMMED ON SITE, DUE TO THE INCREASED CHANCES OF SOIL BORN DISEASES.
  - FOR BALL AND BURLAP STOCK, PLACE TREE IN PREPARED PLANTING FIELD AND REMOVE WIRE AND/OR STRIP FROM ROOT BALL. THEN PULL BACK BURLAP TO BASE OF ROOT BALL AND COVER ENTIRE ROOT BALL WITH TOPSOIL MIXTURE INDICATED ABOVE AND WATER GENEROUSLY.
  - FOR TREES PLANTED IN THE AFFORESTATION AREA, CONTRACTOR SHALL EVENLY DISPERSE SPECIES IN GROUPS OF TWO (2) TO FOUR (4), PER SPECIES, OVER THE ENTIRE DESIGNATED AREA TO BE PLANTED WHILE MAINTAINING AN AVERAGE RANDOM SPACING OF INDIVIDUAL TREES AT PROPER SPACING INDICATED ON PLANT LIST.

- POST CONSTRUCTION PERIOD PROTECTION AND MANAGEMENT PROGRAM**
- ANNUAL MAINTENANCE DURING THE GROWING SEASON, FOR A THREE YEAR PERIOD.
  - ASSESS TREE MORTALITY OF PLANTING STOCK, REMOVE AND REPLACE ANY DEAD OR DISEASED PLANTINGS.
  - MAINTAIN SEEDING OF NATIVE LOCAL AND ENDEMIC VEGETATION IS TO BE EXPECTED. DO NOT DISCOURAGE THIS EFFORT UNLESS IT IS NEGATIVELY EFFECTING THE PLANTED STOCK.
  - REMOVE AND DISPOSE OF MAN-MADE TRASH, INCLUDING DEBRIS CONTAINED WITHIN ENTIRE PLANTING AREA. DO NOT REMOVE DOWN AND DEAD MATERIAL, NATURALLY OCCURRING OR ACCUMULATING, UNLESS IT IS SMOTHERING PLANTING STOCK.
  - A 75 PERCENT SURVIVAL OF PLANTED STOCK MUST BE ACHIEVED AT THE END OF THE 24 MONTH MANAGEMENT PERIOD. IF NOT, ADDITIONAL PLANTINGS MAY BE REQUIRED TO ACHIEVE THIS GOAL.

- CONSTRUCTION PERIOD PROTECTION AND MANAGEMENT PROGRAM**
- THE SITE SHALL BE INSPECTED PERIODICALLY DURING THE CONSTRUCTION PHASE OF THE PROJECT. A QUALIFIED PROFESSIONAL SHALL BE RESPONSIBLE FOR IDENTIFYING DAMAGE TO PROTECTED FOREST AREAS OR INDIVIDUAL TREES WHICH MAY HAVE BEEN CAUSED BY CONSTRUCTION ACTIVITIES, SUCH AS SOIL COMPACTION, ROOT INJURY, TRUNK WOUNDS, LIMB INJURY, OR STRESS CAUSED BY FLOODING OR DROUGHT CONDITIONS. ANY SUCH DAMAGE THAT MAY OCCUR SHALL BE REMEDIATED IMMEDIATELY USING APPROPRIATE MEASURES. SEVERE PROBLEMS MAY REQUIRE CONSULTATION WITH A PROFESSIONAL ARBORIST.
  - THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING DAMAGE TO PROTECTED FOREST AREAS OR INDIVIDUAL TREES WHICH MAY HAVE BEEN CAUSED BY CONSTRUCTION ACTIVITIES, SUCH AS SOIL COMPACTION, ROOT INJURY, TRUNK WOUNDS, LIMB INJURY, OR STRESS CAUSED BY FLOODING OR DROUGHT CONDITIONS. ANY SUCH DAMAGE THAT MAY OCCUR SHALL BE REMEDIATED IMMEDIATELY USING APPROPRIATE MEASURES. SEVERE PROBLEMS MAY REQUIRE CONSULTATION WITH A PROFESSIONAL ARBORIST.

- LAND MANAGEMENT PROGRAM**
- ALL FOREST RETENTION AREAS AND ISOLATED POTENTIAL SPECIMEN TREES SHALL BE TEMPORARILY PROTECTED BY WELL ANCHORED, BLAZE ORANGE PLASTIC MESH FENCING AND SIGNAGE AS INDICATED ON THE DEVICES SHALL BE INSTALLED ALONG THE
  - ALL FOREST RETENTION AREAS AND ISOLATED POTENTIAL SPECIMEN TREES SHALL BE TEMPORARILY PROTECTED BY WELL ANCHORED, BLAZE ORANGE PLASTIC MESH FENCING AND SIGNAGE AS INDICATED ON THE DEVICES SHALL BE INSTALLED ALONG THE

**SCHEDULE A : PERIMETER LANDSCAPED EDGE**

CATEGORY	ADJACENT TO PERIMETER PROPERTIES					ADJACENT TO ROADWAYS	TOTAL
	A (PERIMETER 1)	A (PERIMETER 2)	A (PERIMETER 3)	A (PERIMETER 4)	A (PERIMETER 5)		
LANDSCAPE TYPE	1278 LF	536.26' LF	333.30 LF	240.51 LF	418 LF	485 LF	
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	NO	YES, 100 LF.	YES, 333.30 LF.	YES, 240.51 LF.	N/A	N/A	
CREDIT FOR WALL, FENCE, OR BERM (YES, NO, LINEAR FEET)	NO	NO	NO	NO	NO	N/A	
NUMBER OF PLANTS REQUIRED	SHADE TREES 21 SHADE TREES EVERGREEN TREES 0 SHRUBS	7 SHADE TREE 0 EVERGREEN TREES 0 SHRUBS	0 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	0 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	7 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	0 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	35 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS

**SCHEDULE B : STORMWATER MANAGEMENT AREA LANDSCAPING**

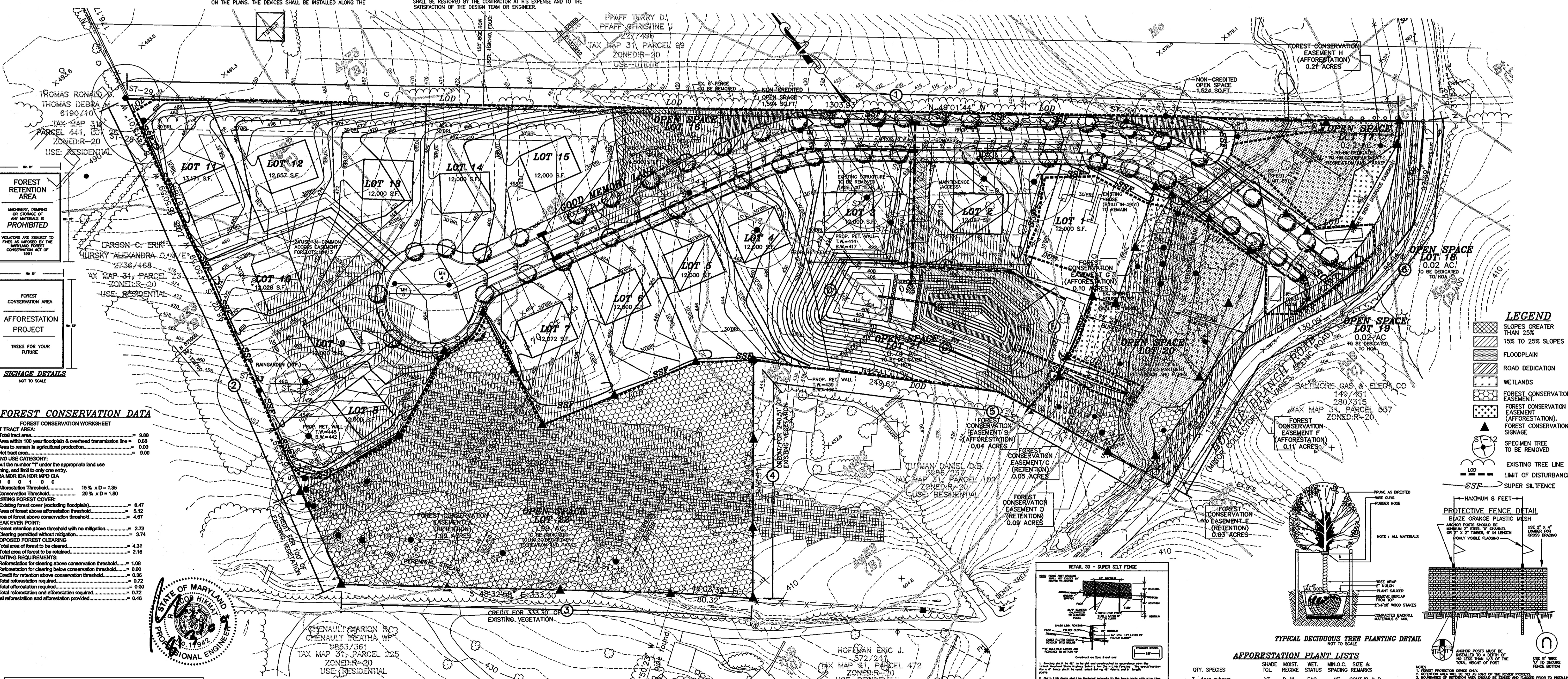
Species	Common Name	Retention Name	Size (DBH)	Condition
1	Red Maple	Acer rubrum	30"	Fair
2	Liriodendron tulipifera	Liriodendron tulipifera	31.5"	Good
3	Green Ash	Fraxinus pennsylvanica	31.5"/30.5"	Good
4	Quercus alba	Quercus alba	32.25"	Good
5	White Oak	Liriodendron tulipifera	31.75"/32"	Good
6	Red Oak	Quercus rubra	35.5"	Fair
7	Tulip tree	Liriodendron tulipifera	30"	Exc.
8	Tulip tree	Liriodendron tulipifera	40"	Good
9	Tulip tree	Liriodendron tulipifera	38"	Good
10	Tulip tree	Liriodendron tulipifera	31"	Good
11	Tulip tree	Liriodendron tulipifera	31"	Good
12	Tulip tree	Liriodendron tulipifera	42"	Exc.
13	Tulip tree	Liriodendron tulipifera	32"	Fair
14	Tulip tree	Liriodendron tulipifera	32"	Good
15	Tulip tree	Liriodendron tulipifera	38.75"	Good
16	Tulip tree	Liriodendron tulipifera	42"	Exc.
17	Tulip tree	Liriodendron tulipifera	47"	Good
18	Tulip tree	Liriodendron tulipifera	37.5"	Good
19	Tulip tree	Liriodendron tulipifera	31.5"	Good
20	Tulip tree	Liriodendron tulipifera	33"	Fair
21	Tulip tree	Liriodendron tulipifera	31.75"	Fair
22	Tulip tree	Liriodendron tulipifera	30"	Good
23	Tulip tree	Liriodendron tulipifera	38.75"	Good
24	Tulip tree	Quercus macrocarpa	34"	Exc.
25	Black Oak	Quercus velutina	30.5"	Fair
26	Black Oak	Quercus velutina	34"	Fair
27	Black Oak	Quercus velutina	42"	Good
28	White Oak	Quercus alba	42"	Exc.
29	White Oak	Quercus alba	34"	Exc.
30	Tulip tree	Liriodendron tulipifera	41"	Exc.
31	Tulip tree	Liriodendron tulipifera	31"	Exc.

**STREET TREE PLANTING SCHEDULE**

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
50	○	PYRUS CALLERYANA 'RESPICE' OR EQUIVALENT	REDSPIRE PEAR OR EQUIVALENT	2 1/2" - 3" CAL.
TOTAL				50 STREET TREES

**STREET TREE CALCULATIONS**

GOOD MEMORY LANE - 2000 / 40 = 50  
 TOTAL TREES REQUIRED = 50 TREES  
 TOTAL TREES PROVIDED = 50 TREES



TENTATIVELY APPROVED  
 DEPARTMENT OF PLANNING AND ZONING  
 HOWARD COUNTY  
 Planning Director: [Signature] 8/16/09  
 DATE

MD DNR QUALIFIED PROFESSIONAL  
 [Signature] 8/3/09  
 MASHID TRINGA

STREET TREE PLANTING SCHEDULE  
 QUANTITY SYMBOL BOTANICAL NAME COMMON NAME SIZE

STREET TREE CALCULATIONS  
 GOOD MEMORY LANE - 2000 / 40 = 50  
 TOTAL TREES REQUIRED = 50 TREES  
 TOTAL TREES PROVIDED = 50 TREES

**AFFORESTATION PLANT LIST**

QTY.	SPECIES	SHADE	MOIST	NET SPACING	MIN. QTY.	SIZE & SPACING REMARKS
7	Acer rubrum	VT	D-W	FAC	15'	CONT/B & B
1	Red Maple	VT	D-W	FAC	15'	1" CALIPER
45	Liriodendron tulipifera	MT	D-M	FAC	15'	CONT/B & B
	Tulip tree	MT	D-M	FAC	15'	1" CALIPER
20	Nyssa sylvatica	T	M-W	FAC	15'	CONT/B & B
30	Fagus grandifolia	T	M-W	FAC	15'	CONT/B & B
	American Beech	T	M-W	FAC	15'	1" CALIPER
TOTAL						
92	TREES					

NOTE: 1. WHIPS OR SEEDLINGS MAY BE SUBSTITUTED FOR THE 1" CALIPER OR 1/2" - 5/8" IF WHIPS OR SEEDLINGS ARE TO BE USED, MULTIPLY THE QUANTITIES BY 3.5 TO DETERMINE THE NUMBER OF TREES REQUIRED.

**OWNER/DEVELOPER**  
 MICHELE PETERSON  
 C/O MILDENBERG, BOENDER AND ASSOC.  
 5072 DORSY HILL DRIVE SUITE 202  
 ELLICOTT CITY, MARYLAND 21042  
 410-997-0296

Project: 08-007  
 Date: 08/03/09  
 Illustration: [Signature]  
 Scale: 1"=50'  
 Approval: [Signature]

description: [Signature]  
 revisions: [Signature]

TAX MAP: 31 PARCEL 101  
 HOWARD COUNTY, MARYLAND  
 SECOND ELECTION DISTRICT

**PETERSON PROPERTY**  
 PRELIMINARY LANDSCAPING & FOREST CONSERVATION PLAN

**MILDENBERG, BOENDER & ASSOC., INC.**  
 Engineers Planners Surveyors  
 5072 Dorsy Hill Drive, Suite 202, Ellicott City, Maryland 21042  
 (410) 997-0296 Fax