

| SHEET INDEX | |
|-------------|---|
| SHEET NO. | DESCRIPTION |
| 1 | TITLE SHEET |
| 2 | PRELIMINARY EQUIVALENT SKETCH PLAN & LANDSCAPE PLAN |
| 3 | SCHEMATIC GRADING AND SEDIMENT CONTROL PLAN |
| 4 | PRELIMINARY FOREST CONSERVATION PLAN |

PRELIMINARY EQUIVALENT SKETCH PLAN
HOGG PROPERTY
BUILDABLE LOTS 1 - 22, OPEN SPACE LOTS 23 - 26
ZONING: R-ED
TAX MAP No. 25 GRID No. 14 PARCEL No. 64

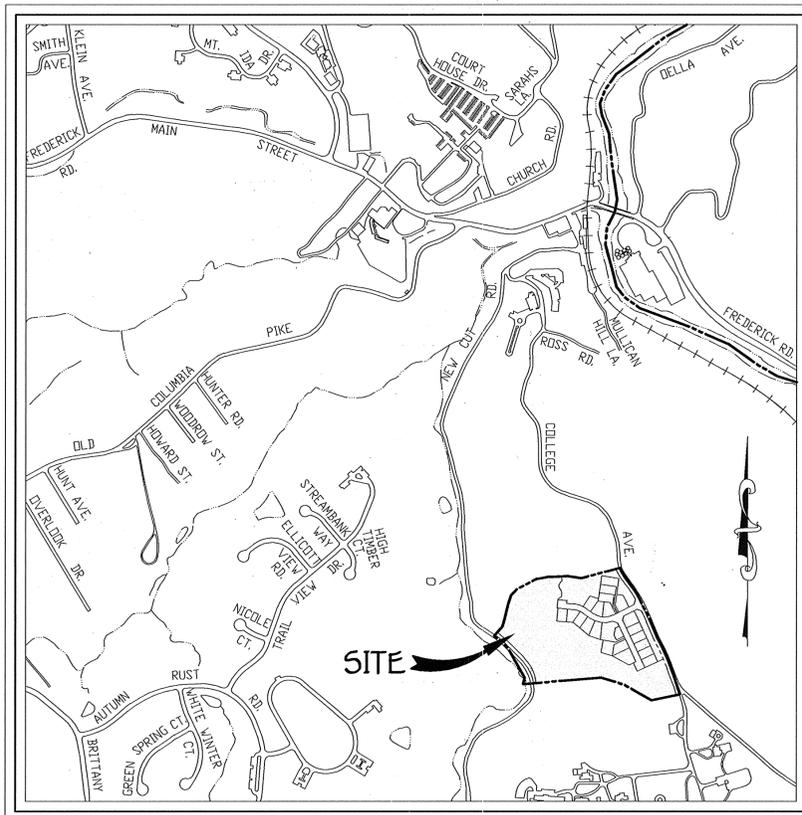
| COORDINATE TABLE | | |
|------------------|---------------|----------------|
| Point | North | East |
| 492 | N 580643.2337 | E 1370640.7266 |
| 50 | N 580552.9129 | E 1370696.2628 |
| 49 | N 580466.0994 | E 1370756.0848 |
| 175 | N 580286.2168 | E 1370846.9552 |
| 171 | N 580154.5889 | E 1370940.0895 |
| 170 | N 580066.2896 | E 1370949.0746 |
| 159 | N 580026.4095 | E 1370969.9212 |
| 156 | N 579927.5432 | E 1371005.2830 |
| 161 | N 579768.0545 | E 1371055.6869 |
| 493 | N 579749.8074 | E 1371063.6470 |
| 476 | N 579707.3431 | E 1370861.9791 |
| 494 | N 579614.9801 | E 1370672.7462 |
| 477 | N 579587.4365 | E 1370507.6348 |
| 474 | N 579526.7019 | E 1370336.1304 |
| 473 | N 57949.6735 | E 1369956.6503 |
| 827 | N 579366.3907 | E 1369966.9629 |
| 828 | N 580084.5678 | E 1369843.2570 |
| 770 | N 580163.3147 | E 1369756.4084 |
| 495 | N 580163.0021 | E 1369752.1803 |
| 496 | N 580226.6368 | E 1369808.2838 |
| 497 | N 580257.9472 | E 1369810.7076 |
| 478 | N 580390.3745 | E 1369849.6565 |
| 498 | N 580450.1261 | E 1369870.2549 |
| 480 | N 580492.5217 | E 1369911.0883 |
| 499 | N 580591.6875 | E 1370022.7592 |
| 533 | N 580565.8657 | E 1370052.0774 |
| 532 | N 580580.7015 | E 1370131.0699 |
| 500 | N 580585.0955 | E 1370238.6844 |
| 501 | N 580586.5246 | E 1370271.1530 |
| 412 | N 580572.5532 | E 1370369.1622 |
| 413 | N 580588.8276 | E 1370431.6907 |

| ROADWAY INFORMATION CHART | | | |
|---------------------------|--|-----------------------|-----------|
| ROAD NAME | CLASSIFICATION | DESIGN SPEED | R/W WIDTH |
| MAPLE CLIFFE WAY | PUBLIC ACCESS STREET / PUBLIC ACCESS PLACE | 25 M.P.H. / 15 M.P.H. | 40' |
| HOGG COURT | PUBLIC ACCESS PLACE | 15 M.P.H. | 40' |

| TRAFFIC CONTROL SIGNS | | | | |
|-----------------------|-----------------|--------|----------------|-----------|
| ROAD NAME | CENTERLINE STA. | OFFSET | POSTED SIGN | SIGN CODE |
| MAPLE CLIFFE WAY | 0+37 | 14' L | STOP | R1-1 |
| MAPLE CLIFFE WAY | 1+00 | 14' R | SPEED LIMIT 25 | R2-1 |
| HOGG COURT | 0+25 | 12' L | STOP | R1-1 |

| MINIMUM LOTS SIZE CHART | | | | |
|-------------------------|---------------|---------------|------------------|--|
| LOT No. | GROSS AREA | PIPESTEM AREA | MINIMUM LOT SIZE | |
| 19 | 7,134 sq. ft. | 779 sq. ft. | 6,355 sq. ft. | |
| 20 | 7,903 sq. ft. | 1,093 sq. ft. | 6,810 sq. ft. | |
| 21 | 8,798 sq. ft. | 1,533 sq. ft. | 7,265 sq. ft. | |

| STREET LIGHT CHART | | | |
|--------------------|----------------|---------|---|
| STREET NAME | STATION | OFFSET | FIXTURE/POLE TYPE |
| MAPLE CLIFFE WAY | C.L. STA. 0+38 | 26' RT. | 150-WATT "Premier" H.P.S. VAPOR FIXTURE, POST TOP FIXTURE MOUNTED ON A 14-FOOT BLACK FIBERGLASS POLE. |
| MAPLE CLIFFE WAY | C.L. STA. 2+20 | 17' LT. | 100-WATT "Premier" H.P.S. VAPOR FIXTURE, POST TOP FIXTURE MOUNTED ON A 14-FOOT BLACK FIBERGLASS POLE. |
| MAPLE CLIFFE WAY | C.L. STA. 3+58 | 13' LT. | 100-WATT "Premier" H.P.S. VAPOR FIXTURE, POST TOP FIXTURE MOUNTED ON A 14-FOOT BLACK FIBERGLASS POLE. |
| MAPLE CLIFFE WAY | C.L. STA. 4+97 | 13' LT. | 100-WATT "Premier" H.P.S. VAPOR FIXTURE, POST TOP FIXTURE MOUNTED ON A 14-FOOT BLACK FIBERGLASS POLE. |
| MAPLE CLIFFE WAY | C.L. STA. 6+46 | 17' RT. | 100-WATT "Premier" H.P.S. VAPOR FIXTURE, POST TOP FIXTURE MOUNTED ON A 14-FOOT BLACK FIBERGLASS POLE. |
| HOGG COURT | C.L. STA. 3+87 | 18' RT. | 100-WATT "Premier" H.P.S. VAPOR FIXTURE, POST TOP FIXTURE MOUNTED ON A 14-FOOT BLACK FIBERGLASS POLE. |



VICINITY MAP
 SCALE: 1" = 600'

SECOND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

- GENERAL NOTES**
- AS A CONSEQUENCE OF THIS PLAN'S SUBMISSION AFTER MAY 22, 2003, THIS SUBDIVISION PLAN WILL BE SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
 - SUBJECT PROPERTY ZONED R-ED PER 02/02/04 COMPREHENSIVE ZONING PLAN.
 - GROSS AREA OF TRACT = 17.98 AC.
 a. AREA OF FLOODPLAIN = 0.03 AC.
 b. AREA OF 2% OR GREATER SLOPES = 6.36 AC.
 c. AREA OF WETLANDS = 0.19 AC.
 d. NET AREA OF TRACT = 07.59 - 0.03 - 6.36 = 11.59 AC.
 - AREA OF PROPOSED ROAD R/W = 2.23 AC.
 a. AREA OF PROPOSED BUILDABLE LOTS = 3.80 AC.
 b. AREA OF PROPOSED OPEN SPACE LOTS = 11.95 AC.
 - NUMBER OF LOTS PROPOSED:
 a. BUILDABLE = 22
 b. OPEN SPACE LOTS = 4 (3 H.O.A. OWNED AND MAINTAINED & 1 HOWARD COUNTY OWNED)
 - OPEN SPACE TABULATION:
 a. GROSS AREA OF TRACT = 17.98 AC.
 REQUIRED OPEN SPACE = 8.99 AC. (50% FOR R-ED ZONE)
 PROVIDED OPEN SPACE = 11.95 AC.
 b. RECREATIONAL OPEN SPACE REQUIRED = 300 SQ.FT. x 22 UNITS = 6,600 SQ.FT.
 c. RECREATIONAL OPEN SPACE PROVIDED = 6,600 SQ.FT. (OPEN SPACE LOT 23) AT THIS TIME.
 - THERE ARE NO PRIOR CASE NUMBERS WITH THIS PROJECT.
 - PUBLIC WATER AND SEWER SHALL BE UTILIZED WITHIN THIS DEVELOPMENT.
 - SOILS INFORMATION TAKEN FROM SOIL MAP No. 20, SOIL SURVEY, HOWARD COUNTY, MARYLAND, JULY, 1969 ISSUE.
 - THE EXISTING DWELLING (CIRCA 1920) LOCATED ON PROPOSED LOT 10 IS TO REMAIN.
 - BOUNDARY OUTLINE BASED ON FIELD SURVEY PERFORMED BY FISHER, COLLINS & CARTER, INC. DATED JUNE, 2002.
 - TOPOGRAPHIC CONTOURS BASED ON WINGS AERIAL MAPPING, INC. FLOWN SURVEY DATED MARCH 25, 1995.
 - THERE ARE AREAS OF STEEP SLOPES LOCATED ON THIS PROPERTY AS DEFINED BY THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, SECTION 16.16b.
 - STORMWATER MANAGEMENT WILL BE PROVIDED IN ACCORDANCE WITH HOWARD COUNTY AND MARYLAND 378 SPECIFICATIONS. RECHARGE VOLUME WILL BE PROVIDED THROUGH THE USE OF A DRY SWALE. WATER QUALITY AND CHANNEL PROTECTION VOLUME WILL BE PROVIDED BY A MICROPOOL EXTENDED DETENTION POND. OVERBANK FLOOD PROTECTION VOLUME AND EXTREME FLOOD VOLUME ARE NOT REQUIRED FOR THIS SITE. THE STORMWATER MANAGEMENT FACILITIES WILL BE PRIVATELY OWNED AND MAINTAINED BY HOMEOWNERS ASSOCIATION.
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 - THE FLOODPLAIN STUDY FOR THIS PROJECT IS THE EXISTING TIBER BRANCH CAPITAL PROJECT C-4-019.
 - THE TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY THE MARS GROUP DATED APRIL, 2003.
 - THE FOREST CONSERVATION REQUIREMENTS PER SECTION 16.1200 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL FOR THIS SUBDIVISION WILL BE FULFILLED BY 9.15 AC. OF ON-SITE RETENTION WHICH IS SUFFICIENT TO MEET AND EXCEED THE BREAK EVEN POINT OF 5.1 ACRES OF RETENTION. EXCESS FOREST RETENTION MAY NOT BE CREDITED TO ANOTHER PROJECT.
 - THE GEOTECHNICAL REPORT FOR THIS PROJECT WAS PREPARED BY HILLIS-CARNE ENGINEERING ASSOC., INC. DATED JANUARY, 2004.
 - THE FOREST STAND DELINEATION AND WETLAND DELINEATION FOR THIS PROJECT WAS PREPARED BY ECO-SCIENCE PROFESSIONALS, INC., DATED FEBRUARY, 2004.
 - THIS PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT.
 - FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD R/W LINE AND NOT THE PIPESTEM LOT DRIVEWAY.
 - NO CEMETERIES EXIST WITHIN THIS SUBDIVISION.
 - NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE WETLANDS, STREAM OR THEIR REQUIRED BUFFERS.
 - A WAIVER TO DESIGN MANUAL, VOLUME III, SECTION 2.11A, TABLE 2.01 WHICH REQUIRES THAT THE PROPOSED ROADS FOR THIS DEVELOPMENT BE BUILT TO THE PUBLIC ACCESS PLACE CRITERIA WAS DENIED ON APRIL 5, 2004 BY THE DEVELOPMENT ENGINEERING DIVISION.
 - ON MAY 13, 2005 THE HOWARD COUNTY PLANNING BOARD SIGNED THE DECISION AND ORDER GRANTING APPROVAL FOR THIS PLAN.

DENSITY TABULATIONS

- BASE DENSITY: 11.59 OF NET ACRES x 2 PER NET = 23.18 UNITS OR 23 SINGLE FAMILY DETACHED HOMES.

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE: 5-13-05

TENTATIVELY APPROVED
 DEPT. OF PLANNING AND
 ZONING OF
 HOWARD COUNTY
 DATE: 6/16/05
 PLANNING DIRECTOR

FISHER, COLLINS & CARTER, INC.
 CIVIL, ENGINEERING, CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTHORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2855

OWNER
 ALBERTA HOGG, ET AL.
 4012 COLLEGE AVENUE
 ELLICOTT CITY, MARYLAND 21043

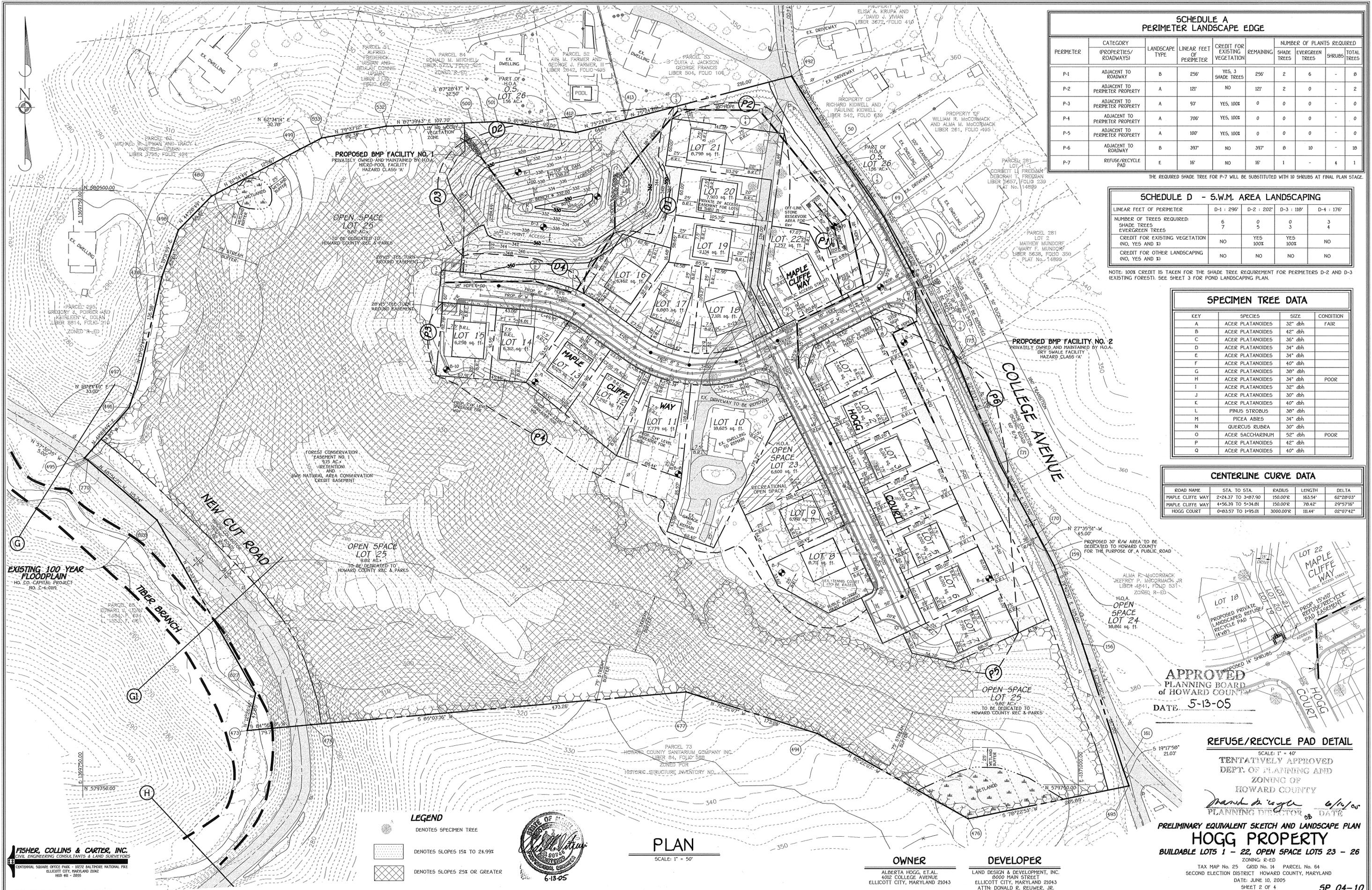
DEVELOPER
 LAND DESIGN & DEVELOPMENT, INC.
 8000 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043
 ATTN: DONALD R. REUWER, JR.



6-13-05
DATE

PRELIMINARY EQUIVALENT SKETCH PLAN
HOGG PROPERTY
BUILDABLE LOTS 1 - 22, OPEN SPACE LOTS 23 - 26

ZONING: R-ED
 TAX MAP No. 25 GRID No. 14 PARCEL No. 64
 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 DATE: JUNE 10, 2005
 SHEET 1 OF 4



**SCHEDULE A
PERIMETER LANDSCAPE EDGE**

| PERIMETER | CATEGORY (PROPERTIES/ROADWAYS) | LANDSCAPE TYPE | LINEAR FEET OF PERIMETER | CREDIT FOR EXISTING VEGETATION | REMAINING | NUMBER OF PLANTS REQUIRED | TOTAL TREES |
|-----------|--------------------------------|----------------|--------------------------|--------------------------------|-----------|---------------------------|-----------------|
| | | | | | | SHADE TREES | EVERGREEN TREES |
| P-1 | ADJACENT TO ROADWAY | B | 256' | YES, 3 | 256' | 2 | 6 |
| P-2 | ADJACENT TO PERIMETER PROPERTY | A | 121' | NO | 121' | 2 | 0 |
| P-3 | ADJACENT TO PERIMETER PROPERTY | A | 93' | YES, 100% | 0 | 0 | 0 |
| P-4 | ADJACENT TO PERIMETER PROPERTY | A | 706' | YES, 100% | 0 | 0 | 0 |
| P-5 | ADJACENT TO PERIMETER PROPERTY | A | 100' | YES, 100% | 0 | 0 | 0 |
| P-6 | ADJACENT TO ROADWAY | B | 397' | NO | 397' | 8 | 10 |
| P-7 | REFUSE/RECYCLE PAD | E | 16' | NO | 16' | 1 | 4 |

THE REQUIRED SHADE TREE FOR P-7 WILL BE SUBSTITUTED WITH 10 SHRUBS AT FINAL PLAN STAGE.

SCHEDULE D - S.W.M. AREA LANDSCAPING

| LINEAR FEET OF PERIMETER | D-1 : 295' | D-2 : 202' | D-3 : 110' | D-4 : 176' |
|--|------------|------------|------------|------------|
| NUMBER OF TREES REQUIRED: | | | | |
| SHADE TREES | 6 | 0 | 0 | 3 |
| EVERGREEN TREES | 7 | 5 | 3 | 4 |
| CREDIT FOR EXISTING VEGETATION (NO, YES AND %) | NO | YES 100% | YES 100% | NO |
| CREDIT FOR OTHER LANDSCAPING (NO, YES AND %) | NO | NO | NO | NO |

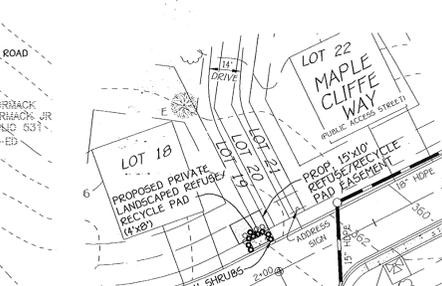
NOTE: 100% CREDIT IS TAKEN FOR THE SHADE TREE REQUIREMENT FOR PERIMETERS D-2 AND D-3 (EXISTING FOREST). SEE SHEET 3 FOR POND LANDSCAPING PLAN.

SPECIMEN TREE DATA

| KEY | SPECIES | SIZE | CONDITION |
|-----|------------------|---------|-----------|
| A | ACER PLATANOIDES | 32" dbh | FAIR |
| B | ACER PLATANOIDES | 42" dbh | |
| C | ACER PLATANOIDES | 36" dbh | |
| D | ACER PLATANOIDES | 34" dbh | |
| E | ACER PLATANOIDES | 34" dbh | |
| F | ACER PLATANOIDES | 40" dbh | |
| G | ACER PLATANOIDES | 38" dbh | |
| H | ACER PLATANOIDES | 34" dbh | POOR |
| I | ACER PLATANOIDES | 32" dbh | |
| J | ACER PLATANOIDES | 30" dbh | |
| K | ACER PLATANOIDES | 40" dbh | |
| L | PINUS STROBUS | 38" dbh | |
| M | PICEA ABIES | 34" dbh | |
| N | QUERCUS RUBRA | 30" dbh | |
| O | ACER SACCHARINUM | 52" dbh | POOR |
| P | ACER PLATANOIDES | 42" dbh | |
| Q | ACER PLATANOIDES | 40" dbh | |

CENTERLINE CURVE DATA

| ROAD NAME | STA. TO STA. | RADIUS | LENGTH | DELTA |
|------------------|--------------------|-----------|---------|-----------|
| MAPLE CLIFFE WAY | 2+24.37 TO 3+87.90 | 150.00'R | 163.54' | 62°28'03" |
| MAPLE CLIFFE WAY | 4+56.39 TO 5+34.81 | 150.00'R | 78.42' | 29°57'16" |
| HOGG COURT | 0+83.57 TO 1+95.01 | 3000.00'R | 111.44' | 02°07'42" |



**APPROVED
PLANNING BOARD
of HOWARD COUNTY**
DATE: 5-13-05

REFUSE/RECYCLE PAD DETAIL

SCALE: 1" = 40'
TENTATIVELY APPROVED
DEPT. OF PLANNING AND
ZONING OF
HOWARD COUNTY
Mark A. Reiger 6/14/05
PLANNING DIRECTOR DATE

**PRELIMINARY HOVAG SKETCH AND LANDSCAPE PLAN
HOGG PROPERTY**
BUILDABLE LOTS 1 - 22, OPEN SPACE LOTS 23 - 26
ZONING: R-ED
TAX MAP NO. 25 GRID NO. 14 PARCEL NO. 64
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: JUNE 10, 2005
SHEET 2 OF 4

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL NATIONAL OFFICE PARK - 1872 BALTIMORE NATIONAL FIVE
ELICOTT CITY, MARYLAND 21042
(410) 481-2855

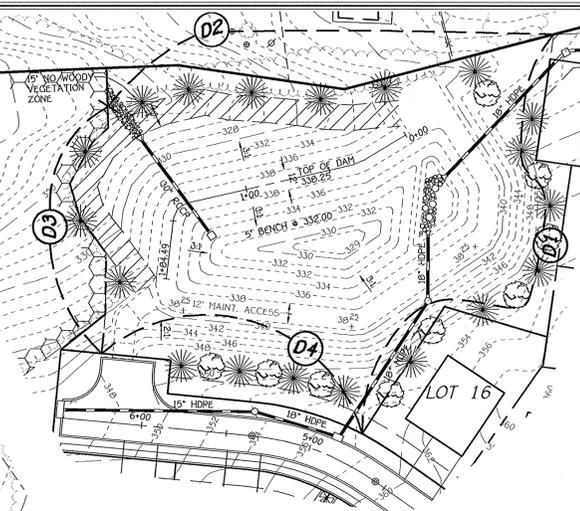
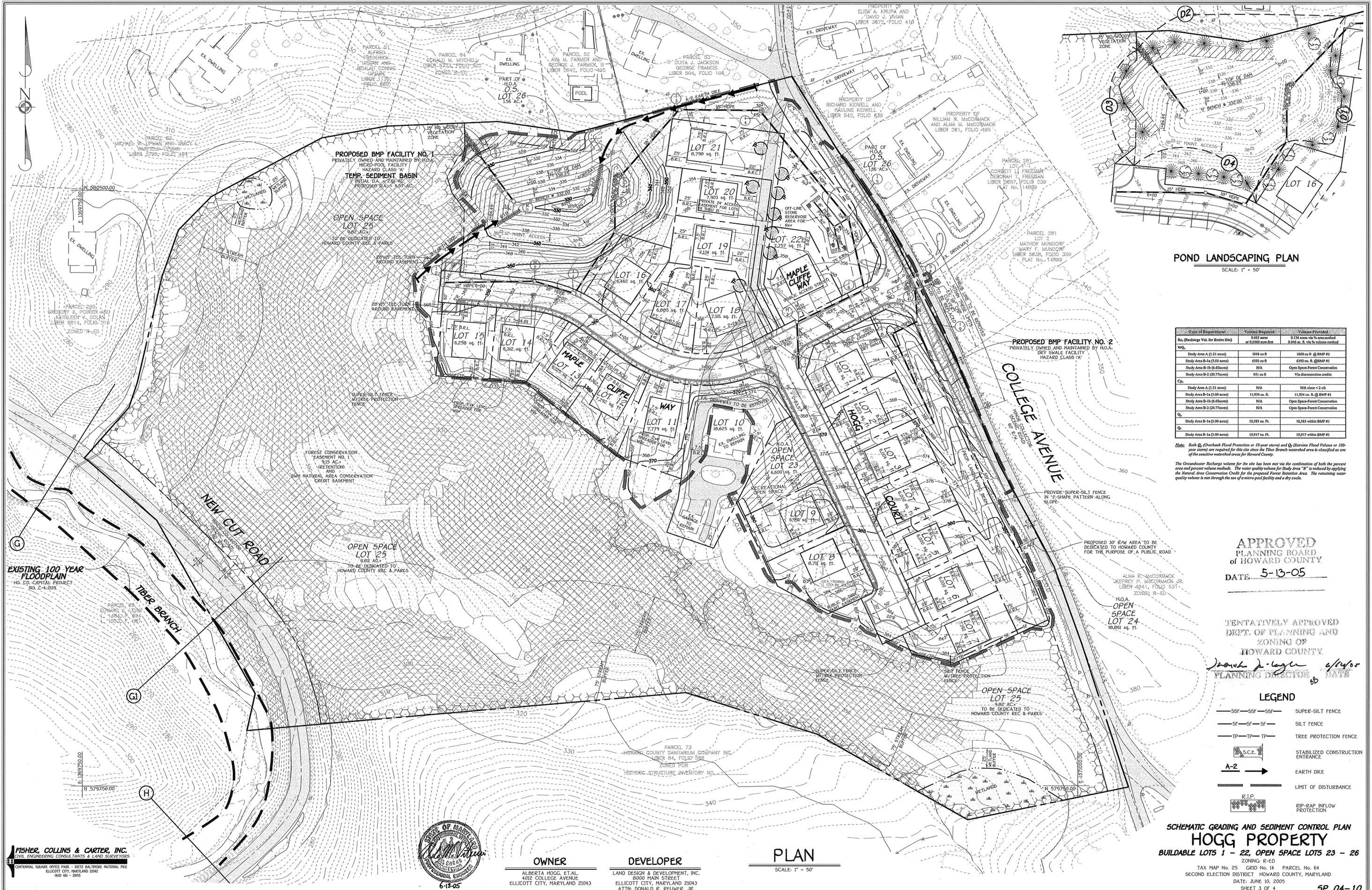


PLAN
SCALE: 1" = 50'

OWNER
ALBERTA HOGG, ET AL.
4012 COLLEGE AVENUE
ELICOTT CITY, MARYLAND 21043

DEVELOPER
LAND DESIGN & DEVELOPMENT, INC.
8000 MAIN STREET
ELICOTT CITY, MARYLAND 21043
ATTN: DONALD R. REUWER, JR.

- LEGEND**
- DENOTES SPECIMEN TREE
 - DENOTES SLOPES 15% TO 24.99%
 - DENOTES SLOPES 25% OR GREATER



POND LANDSCAPING PLAN
SCALE: 1" = 50'

| Type of Requirement | Volume Required | Volume Provided |
|--|------------------------------|-------------------------------------|
| R ₁ (Recharge Vol. for Entire Site) or 0.0562 acre-ft | 0.116 acres via permeable WQ | 0.045 ac. ft. via 1/2 volume method |
| Study Area A (1.21 acres) | 1069 cu ft. | 1068 cu ft. @ BMP #2 |
| Study Area B-1a (5.00 acres) | 6392 cu ft. | 6392 cu ft. @ BMP #1 |
| Study Area B-1b (5.66 acres) | N/A | Open Space-Forest Conservation |
| Study Area B-2 (20.77 acres) | 951 cu ft. | Open Space-Forest Conservation |
| C ₁ | | |
| Study Area A (1.21 acres) | N/A | NA slope < 2 cfs |
| Study Area B-1a (5.00 acres) | 11,934 cu. ft. | 11,934 cu. ft. @ BMP #1 |
| Study Area B-1b (5.66 acres) | N/A | Open Space-Forest Conservation |
| Study Area B-2 (20.77 acres) | N/A | Open Space-Forest Conservation |
| C ₂ | | |
| Study Area B-1a (5.00 acres) | 10,583 cu. ft. | 10,583 within BMP #1 |
| Q ₁ | | |
| Study Area B-1a (5.00 acres) | 19,917 cu. ft. | 19,917 within BMP #1 |

Note: Both Q₁ (Overbank Flood Protection or 10-year storm) and Q₂ (Extreme Flood Volume or 100-year storm) are required for this site since the Tiber Branch watershed area is classified as one of the sensitive watershed areas for Howard County.

The Groundwater Recharge volume for the site has been met via the combination of both the percent area and percent volume methods. The water quality volume for Study Area "B" is reduced by applying the Natural Area Conservation Credit for the proposed Forest Retention Area. The remaining water quality volume is met through the use of micro-pond facility and a dry swale.

APPROVED PLANNING BOARD OF HOWARD COUNTY
DATE 5-13-05

TENTATIVELY APPROVED
DEPT. OF PLANNING AND ZONING OF HOWARD COUNTY
Frank P. Logg 6/14/05
PLANNING DIRECTOR DATE

LEGEND

- SFF—SFF—SFF— SUPER-SILT FENCE
- SF—SF—SF— SILT FENCE
- TF—TF—TF— TREE PROTECTION FENCE
- S.C.E.— STABILIZED CONSTRUCTION ENTRANCE
- A-2— EARTH DIKE
- LIMIT OF DISTURBANCE
- R.I.P.— RIP-RAP INFLOW PROTECTION

SCHEMATIC GRADING AND SEDIMENT CONTROL PLAN
HOGG PROPERTY
BUILDABLE LOTS 1 - 22, OPEN SPACE LOTS 23 - 26
ZONING: R-ED
TAX MAP No. 25 GRID No. 14 PARCEL No. 64
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: JUNE 10, 2005
SHEET 3 OF 4

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
PENTAGON SQUARE OFFICE PARK - 1072 BALFOUR NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
410-916-2895



OWNER
ALBERTA HOGG, ET AL.
4012 COLLEGE AVENUE
ELLCOTT CITY, MARYLAND 21043

DEVELOPER
LAND DESIGN & DEVELOPMENT, INC.
8000 MAIN STREET
ELLCOTT CITY, MARYLAND 21043
ATTN: DONALD R. REUWER, JR.

PLAN
SCALE: 1" = 50'

**FOREST CONSERVATION WORKSHEET
VERSION 1.0**

BASIC SITE DATA:

| | |
|---|------|
| A. TOTAL TRACT AREA..... | 18.0 |
| B. AREA WITHIN 100 YEAR FLOODPLAIN..... | --- |
| C. AREA TO REMAIN IN AGRICULTURAL PRODUCTION..... | --- |
| D. NET TRACT AREA..... | 18.0 |

LAND USE CATEGORY: R-ED

INFORMATION FOR CALCULATIONS:

| | | |
|---------------------------------------|-----------|-----|
| E. AFFORESTATION THRESHOLD..... | 15% x D = | 2.7 |
| F. FOREST CONSERVATION THRESHOLD..... | 20% x D = | 3.6 |

EXISTING FOREST COVER:

| | |
|--|------|
| G. EXISTING FOREST COVER (EXCLUDING FLOODPLAIN)..... | 10.9 |
| H. AREA OF FOREST ABOVE CONSERVATION THRESHOLD..... | 7.3 |
| I. BREAK EVEN POINT..... | 5.1 |
| J. FOREST TO BE CLEARED..... | 1.6 |
| K. FOREST TO BE RETAINED..... | 9.2 |

AFFORESTATION CALCULATIONS:

| | |
|---|-----|
| L. NO FOREST CLEARING: afforestation threshold - existing forest..... | --- |
| M. FOREST CLEARING: (aff. threshold - ex. forest) + (forest to be cleared x 2)..... | --- |

REFORESTATION CALCULATIONS:

CLEARING ABOVE THRESHOLD

| | |
|---|-------|
| N. FOREST CLEARED ABOVE THRESHOLD..... x 1/4: | acres |
| O. FOREST RETAINED ABOVE THRESHOLD: | acres |

REFORESTATION REQUIRED (N-O)

CLEARING BELOW THRESHOLD

| | | |
|---|--------------|-------|
| P. FOREST CLEARED ABOVE THRESHOLD - | x 1/4: | acres |
| Q. FOREST CLEARED BELOW THRESHOLD - | x 2: | acres |

FCP NOTES

1. 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.
2. THE FOREST CONSERVATION EASEMENTS HAVE BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16200 OF THE HOWARD COUNTY CODE, FOREST CONSERVATION ACT. NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENTS, HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.
3. FORESTED AREAS OCCURRING OUTSIDE OF THE FCE SHALL NOT BE CONSIDERED PART OF THE FCE AND SHALL NOT BE SUBJECT TO PROTECTIVE LAND COVENANTS.
4. LIMITS OF DISTURBANCE SHALL BE RESTRICTED TO AREAS OUTSIDE THE LIMIT OF TEMPORARY FENCING OR THE FCE BOUNDARY, WHICHEVER IS GREATER.
5. THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN THE FOREST CONSERVATION EASEMENT, EXCEPT AS PERMITTED BY HOWARD COUNTY DPZ.
6. NO STOCKPILES, PARKING AREAS, EQUIPMENT CLEANING AREAS, ETC. SHALL OCCUR WITHIN AREAS DESIGNATED AS FOREST CONSERVATION EASEMENTS.
7. TEMPORARY FENCING SHALL BE USED TO PROTECT FOREST RESOURCES DURING CONSTRUCTION. THE FENCING SHALL BE PLACED ALONG ALL FCE BOUNDARIES WHICH OCCUR WITHIN 15 FEET OF THE PROPOSED LIMITS OF DISTURBANCE.
8. PERMANENT SIGNAGE SHALL BE PLACED 50' - 100' APART ALONG BOUNDARIES OF ALL AREAS INCLUDED IN FOREST CONSERVATION EASEMENTS.

ON-SITE SIGNAGE

FOREST CONSERVATION EASEMENT

UNAUTHORIZED DISTURBANCE OF VEGETATION IS PROHIBITED. VIOLATORS SUBJECT TO PENALTIES UNDER THE HOWARD COUNTY FOREST CONSERVATION ACT OF 1991.

TREES FOR YOUR FUTURE

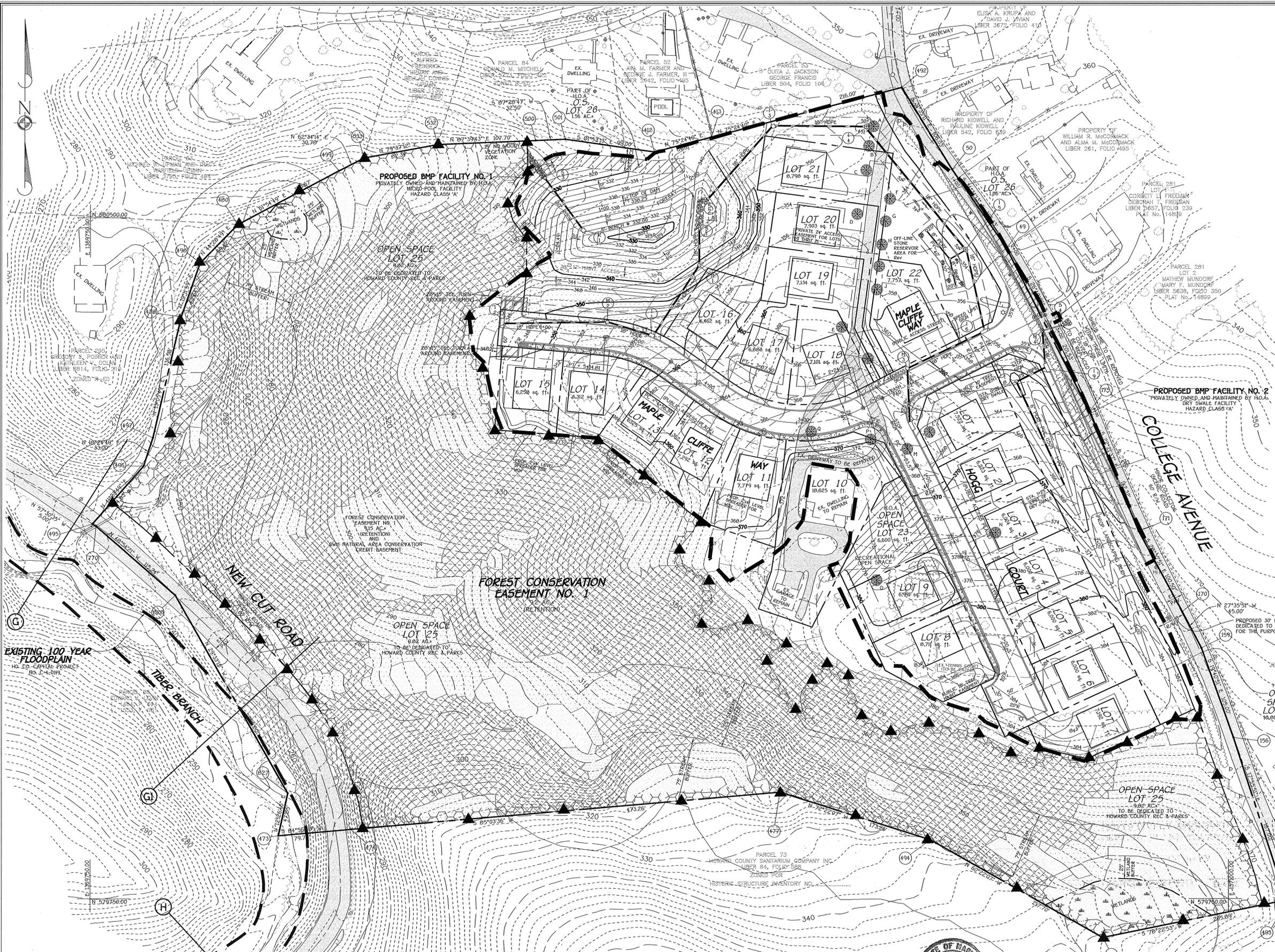
11" MINIMUM

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 5-13-05

TENTATIVELY APPROVED
DEPT. OF PLANNING AND
COMMUNITY DEVELOPMENT
DATE: 6/14/05

marsh m. royle
PLANNING DIRECTOR

PRELIMINARY FOREST CONSERVATION PLAN
HOGG PROPERTY
BUILDABLE LOTS 1 - 22, OPEN SPACE LOTS 23 - 25
ZONING: R-ED
TAX MAP No. 25 GRID No. 14 PARCEL No. 64
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: JUNE 10, 2005
SHEET 4 OF 4



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PKY.
ELLICOTT CITY, MARYLAND 21042
4100 461 - 2359

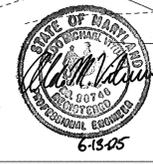
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SCALE: 1" = 50'

OWNER
ALBERTA HOGG, ET AL.
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ELLICOTT CITY, MARYLAND 21043

DEVELOPER
LAND DESIGN & DEVELOPMENT, INC.
8000 MAIN STREET
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