

- GENERAL NOTES**
- THE SUBJECT PROPERTY IS ZONED R-SC PER THE 2/02/04 COMPREHENSIVE ZONING PLAN.
  - PROJECT BACKGROUND:**  
TAX MAP: 50 PARCEL: 417 BLOCK: 2 LOT: 1  
ELECTION DISTRICT: SIXTH  
ZONING: R-SC  
DEED REFERENCE: L8428/F135  
TOTAL TRACT AREA: 29,620.8 SQ. FT. OR 0.68 AC.±  
DISTURBED AREA: 4,950 SQ. FT.±  
NUMBER OF PROPOSED BUILDABLE LOTS: 1  
NUMBER OF PROPOSED UNITS: 1  
PROPOSED USE: SINGLE FAMILY DETACHED.  
DPZ FILES: WP-90-040 F-88-59 SDP-92-60
  - TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY BY MILDBERG, BOENDER & ASSOC., INC. ON OR ABOUT FEBRUARY 2005.
  - HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND NAD 83 (HORS) AND NGVD 83 (VERT) AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 470B & 47H2.  
STA. No. 470B N 529917.193 ELEV. 258.54  
E 1,355,526.7  
STA. No. 47H2 N 529706.445 ELEV. 256.11  
E 1,355,445.38
  - THIS SUBDIVISION IS IN THE METROPOLITAN DISTRICT.
  - STEEP SLOPES 25% OR GREATER WITH A CONTIGUOUS AREA OVER 20,000 SQ.FT. DO NOT EXIST ON SITE.
  - FLOODPLAIN EXISTS ON SITE PER PLAT #8869. WETLANDS ARE SHOWN AS CERTIFIED BY ECO-SYSTEM PROFESSIONALS IN WETLAND CERTIFICATION LETTER DATED MARCH 2005.
  - NO BURIAL GROUNDS OR CEMETERIES EXIST ON-SITE.
  - NO HISTORIC DISTRICTS ARE ADJACENT TO THIS SITE. SITE IS NOT ADJACENT TO A DESIGNATED SCENIC ROAD.
  - THIS PROJECT IS EXEMPT FROM STORMWATER MANAGEMENT IN ACCORDANCE WITH THE 2000 MARYLAND STORMWATER MANAGEMENT DESIGN MANUAL, VOLUMES I AND II, SECTION 1.2. THE DISTURBANCE DOES NOT EXCEED 5000 SQUARE FEET.
  - THIS PROJECT IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1202(b)(1)(i) OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION WITH THE FILING OF A DECLARATION OF INTENT UNDER THE SINGLE LOT EXEMPT FOR CLEARING LESS THAN 40,000 SQ. FT. OF FOREST.
  - SOILS DATA BASED ON HOWARD COUNTY SOIL SURVEY DATED JULY 1968.
  - THIS PLAN SHALL BE SUBJECT TO THE AMENDED 5TH EDITION OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL 45-2003 AND THE ZONING REGULATIONS AS AMENDED BY COUNCIL BILL 75-2003. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION APPLICATION, OR BUILDING/GRADING PERMIT.
  - CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES ON SITE PRIOR TO COMMENCING CONSTRUCTION.
  - THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/CONSTRUCTION INSPECTIONS DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
  - THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK:  
MISS UTILITY 1-800-257-7777  
VERIZON TELEPHONE COMPANY (410) 725-9976  
HOWARD COUNTY BUREAU OF UTILITIES (410) 313-4900  
AT&T CABLE LOCATION DIVISION (410) 383-3533  
BALTIMORE GAS & ELECTRIC (410) 685-0123  
STATE HIGHWAY ADMINISTRATION (410) 531-5533  
HOWARD COUNTY DEPT. OF PUBLIC WORKS/ CONSTRUCTION INSPECTION DIVISION (410) 313-1880
  - IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS, OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS, PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.
  - DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:  
A) WIDTH - 12 FEET (14 FEET SERVING MORE THAN ONE RESIDENCE).  
B) SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING.  
C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADIUS.  
D) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING).  
E) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.  
F) STRUCTURE CLEARANCES - MINIMUM 12 FEET.  
G) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
  - THE OWNER, TENANT AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING, INCLUDING BOTH PLANT MATERIALS AND BERMS, FENCES, AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE COMPLIANCE WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED OR REPLACED. NO CLEARING OF EXISTING VEGETATION IS PERMITTED WITHIN THE LANDSCAPING EDGE FOR WHICH CREDIT IS BEING TAKEN; HOWEVER, LANDSCAPE MAINTENANCE IS AUTHORIZED.
  - LANDSCAPING FOR LOT 1 IS PROVIDED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING (5 SHADE TREES, 2 EVERGREENS) IS TO BE POSTED IN THE AMOUNT OF \$1,800.00 AS PART OF THE BUILDER'S GRADING PERMIT.
  - SHOULD ANY TREE DESIGNATED FOR PRESERVATION FOR WHICH LANDSCAPING CREDIT IS GIVEN, DIE PRIOR TO RELEASE OF BONDS, THE OWNER WILL BE REQUIRED TO REPLACE THE TREE WITH THE EQUIVALENT SPECIES OR WITH A TREE WHICH WILL OBTAIN THE SAME HEIGHT, SPREAD, AND GROWTH CHARACTERISTICS. THE REPLACEMENT TREE MUST BE A MINIMUM OF 2 1/2 TO 3 INCHES IN CALIPER AND INSTALLED AS REQUIRED IN THE LANDSCAPE MANUAL.
  - AT THE TIME OF INSTALLMENT, ALL SHRUBS AND OTHER PLANTINGS HEREWITH LISTED AND APPROVED FOR THIS SITE, SHALL BE OF THE PROPER HEIGHT REQUIREMENTS IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPE MANUAL. IN ADDITION, NO SUBSTITUTIONS OR RELOCATION OF REQUIRED PLANTINGS MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING. ANY DEVIATION FROM THIS APPROVED LANDSCAPE PLAN MAY RESULT IN DENIAL OR DELAY IN THE RELEASE OF LANDSCAPE SURETY UNTIL SUCH TIME AS ALL REQUIRED MATERIALS ARE PLANTED AND/OR REVISIONS ARE MADE TO APPLICABLE PLANS AND CERTIFICATES.
  - THIS PLAN IS SUBJECT TO WAIVER PETITION WP-90-040. THIS WAIVER WAS APPROVED ON APRIL 30, 1990. THE SECTIONS WAIVED ARE:  
A) SECTION 16.116(C)(6) WHICH PROHIBITS GRADING OR REMOVAL OF VEGETATIVE COVER WITHIN THE WETLANDS AND STREAM BUFFERS EXCEPT FOR 2 HOUSES AND A USE-IN-COMMON DRIVEWAY.  
B) SECTION 16.113 (F)(7) AND 16.115(C)(4) TO ALLOW DIRECT ACCESS FOR 2 LOTS USING A PRIVATE USE-IN-COMMON DRIVEWAY ONTO ALL SAINTS ROAD, A MAJOR COLLECTOR. SUBMISSION OF A SITE DEVELOPMENT PLAN FOR REVIEW AND APPROVAL IS REQUIRED BY WP-90-040 PRIOR TO ISSUANCE OF BUILDING PERMITS ON LOTS 1 & 2. THE PLAN FOR THE USE-IN-COMMON DRIVEWAY WILL BE PART OF THE SITE DEVELOPMENT PLAN SUBMISSION.

**DEVELOPER'S/OWNER'S CERTIFICATE**  
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN 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.

*Christopher Brown*  
DATE: 9/1/05

**DISTURBANCE IS LESS THAN 100 C.Y.A. STANDARD  
SEDIMENT CONTROL MEASURES WILL BE USED.**

**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.

*Christopher Brown*  
DATE: 9/1/05

**PERMIT INFORMATION CHART**

|   |              |                    |
|---|--------------|--------------------|
| SUBDIVISION NAME  | SECTION/AREA | LOT/PARCEL #       |
| ALL SAINTS PROPERTY   | N/A          | LOT 1 / PARCEL 417 |
| PLAT # OR L/F BLOCK #   | ZONE         | TAX MAP            |
| #8869   | R-SC         | 50                 |
| WATER CODE  | SEWER CODE   | ELEC. DIST.        |
| C-05  | 710700       | SIXTH              |
| CENSUS TRACT 606903   |              |                    |
| PROPOSED IMPROVEMENTS:<br>CONSTRUCT HOUSE, ASSOCIATED GRADING, AND SEDIMENT CONTROL |              |                    |

**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.

*Chad Edmondson*  
DATE: 9.1.5

**CHAD EDMONDSON**  
PRINTED NAME OF ENGINEER

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
DATE: 9/1/05

*Chad Edmondson*  
DATE: 9/1/05

**CHAD EDMONDSON**  
PRINTED NAME OF ENGINEER

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
DATE: 9/1/05

*Chad Edmondson*  
DATE: 9/1/05

**CHAD EDMONDSON**  
PRINTED NAME OF ENGINEER

**ADDRESS CHART**

| LOT/PARCEL NO. | STREET ADDRESS       |
|----------------|----------------------|
| 1              | 9427 ALL SAINTS ROAD |

**SOILS CLASSIFICATION**

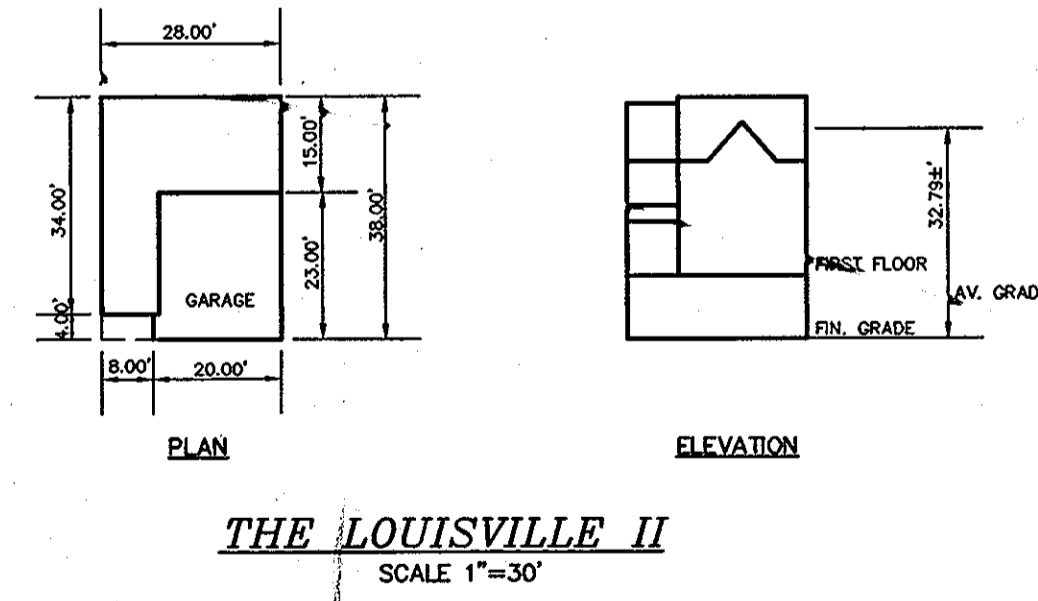
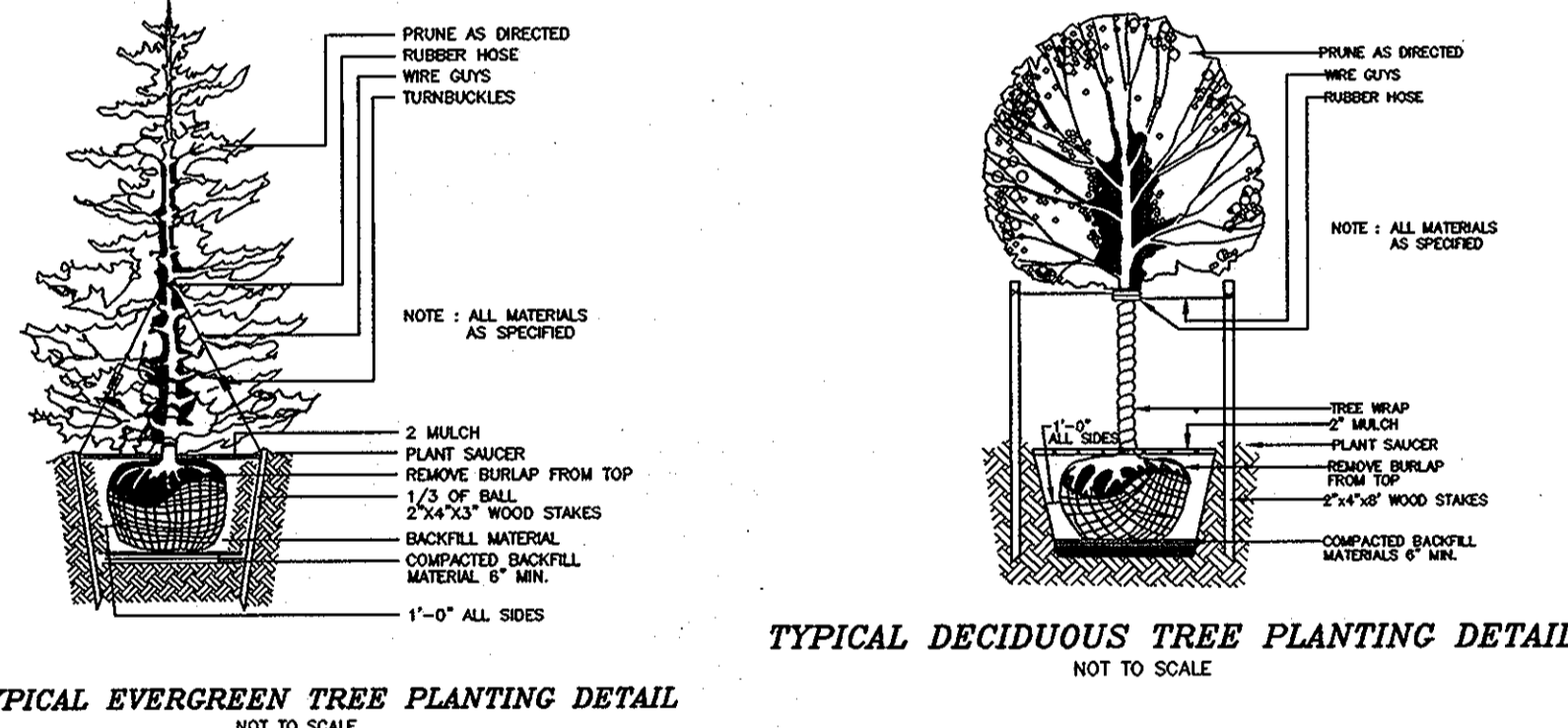
| SYMBOL | DESCRIPTION  |
|--------|--|
| Bd02   | BELTSVILLE SILT LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED   |
| CID2   | CHILLUM GRAVELLY LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED. |
| MIE    | MANOR LOAM, 25 TO 45 PERCENT SLOPES                                |

**PLANTING SCHEDULE**

| QUANTITY  | SYMBOL | BOTANICAL NAME           | COMMON NAME          | SIZE             |
|---|--------|--------------------------|----------------------|------------------|
| 5   |        | ACER RUBRUM 'RED SUNSET' | RED SUNSET RED MAPLE | 2 1/2" - 3" CAL. |
| 2   |        | PINUS STROBUS            | WHITE PINE           | 6" - 8" HT.      |
| <b>TOTAL</b><br>7 TREES (5 SHADE TREES, 2 EVERGREENS) |        |                          |                      |                  |

**SCHEDULE A : PERIMETER LANDSCAPED EDGE**

| CATEGORY   | ADJACENT TO PERIMETER PROPERTIES   | ADJACENT TO ROADWAYS   | TOTAL  |
|--|--|--|--|
| LANDSCAPE TYPE   | A (PERIMETER 1)  | B (PERIMETER 2)  |  |
| LINEAR FEET OF PERIMETER                               | 203.23 LF  | 73.75 LF   |  |
| CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)  | YES, 30 LF OF EX. TREE   | NO   |  |
| CREDIT FOR WALL, FENCE, OR BERM (YES, NO, LINEAR FEET) | NO   | NO   |  |
| NUMBER OF PLANTS REQUIRED                              | 3 SHADE TREES<br>2 EVERGREEN TREES<br>0 SHRUBS   | 2 SHADE TREES<br>2 EVERGREEN TREES<br>0 SHRUBS                         | 5 SHADE TREES<br>2 EVERGREEN TREES<br>0 SHRUBS                         |
| NUMBER OF PLANTS PROVIDED                              | 3 SHADE TREES<br>0 EVERGREEN TREES<br>0 SUBSTITUTION TREES<br>0 SHRUBS (10:1 SUBSTITUTION) | 2 SHADE TREES<br>2 EVERGREEN TREES<br>0 SUBSTITUTION TREES<br>0 SHRUBS | 5 SHADE TREES<br>2 EVERGREEN TREES<br>0 SUBSTITUTION TREES<br>0 SHRUBS |



**OWNER/DEVELOPER**  
HARMONY BUILDERS  
4228 COLUMBIA RD., ELLICOTT CITY, MD 21042  
(410) 461-0833

|         |           |              |     |          |        |
|---------|-----------|--------------|-----|----------|--------|
| date    | SEP. 2005 | engineering  | EGT | approval | CE     |
| project | 04062     | illustration | EGT | scale    | 1"=30' |

|             |  |          |   |
|-------------|--|----------|---|
| date        | 9/1/05                                 | revision | 1 |
| description | REVISED GRADING CO 1 / REVISED GRADING |          |   |
| date        | 9/1/05                                 | revision | 2 |
| description | REVISED GRADING                        |          |   |
| date        | 9/1/05                                 | revision | 3 |
| description | REVISED GRADING                        |          |   |

**GREGORY SUBDIVISION LOT 1 (ALL SAINTS ROAD)**  
LOT 1  
TAX MAP 50, PARCEL 417  
SIXTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SITE DEVELOPMENT PLAN

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0286 Bldg. (301) 621-5521 Wash. (410) 997-0298 Fax.



MATCH LINE - SEE SHEET 3

NOTE: SEE SHEET 20 FOR HANDICAPPED PARKING AND SIDEWALK DETAIL

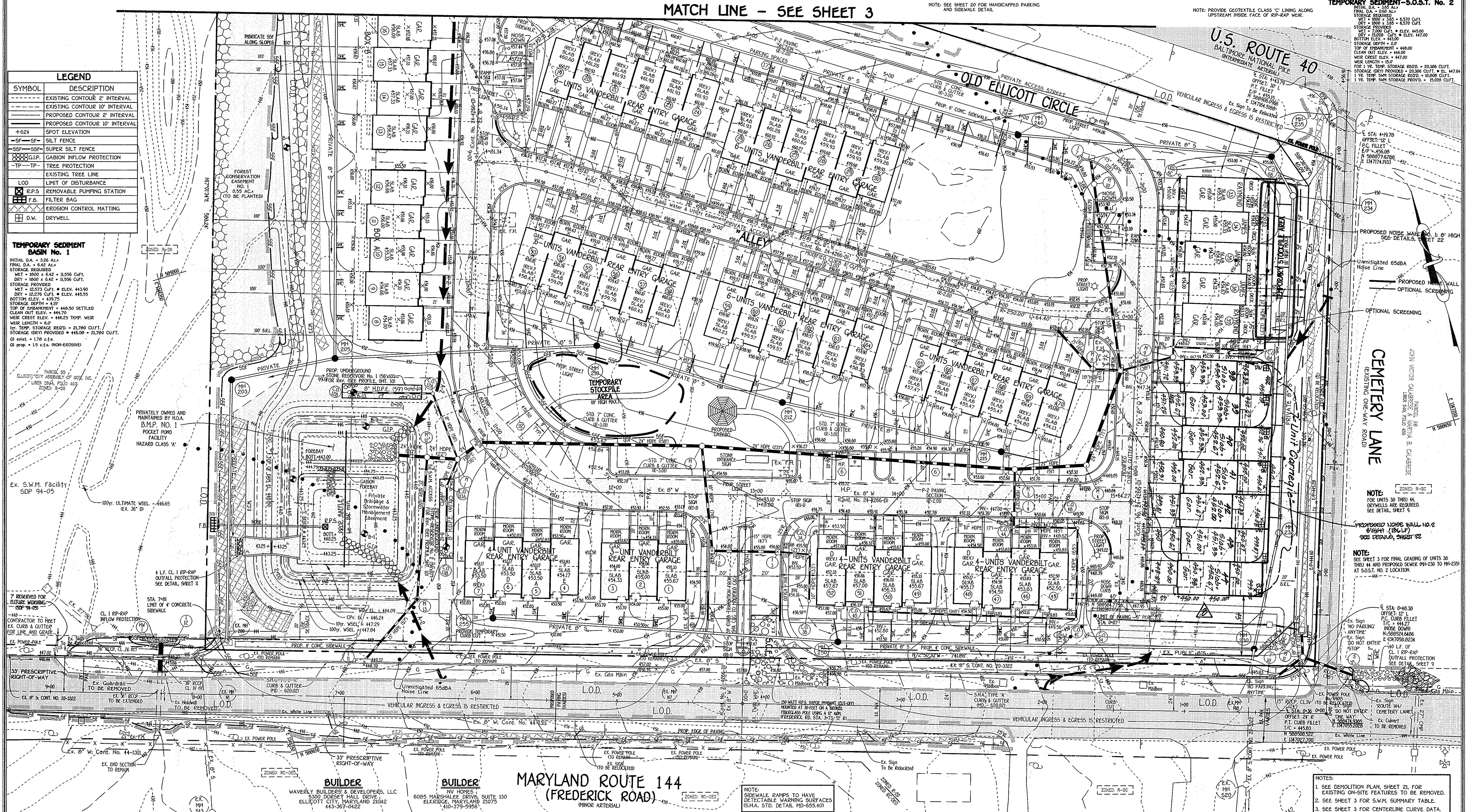
NOTE: PROVIDE GEOTEXTILE CLASS 'C' LINING ALONG UPSTREAM INSIDE FACE OF RIP-RAP WEIR.

TEMPORARY SEDIMENT S.O.S.T. No. 2

**LEGEND**

| SYMBOL | DESCRIPTION                   |
|--------|-------------------------------|
| ---    | EXISTING CONTOUR 2' INTERVAL  |
| ---    | EXISTING CONTOUR 10' INTERVAL |
| ---    | PROPOSED CONTOUR 2' INTERVAL  |
| ---    | PROPOSED CONTOUR 10' INTERVAL |
| +624   | SPOT ELEVATION                |
| SF     | SILT FENCE                    |
| SSF    | SUPER SILT FENCE              |
| GLP    | GABION INFLOW PROTECTION      |
| TP     | TREE PROTECTION               |
| ---    | EXISTING TREE LINE            |
| ---    | LIMIT OF DISTURBANCE          |
| R.P.S. | REMOVABLE PUMPING STATION     |
| F.B.   | FILTER BAG                    |
| ---    | EROSION CONTROL MATTING       |
| D.W.   | DRYWELL                       |

**TEMPORARY SEDIMENT BASIN No. 1**  
 INITIAL D.A. = 326 AC.  
 FINAL D.A. = 642 AC.  
 STORAGE REQUIRED:  
 WET = 1800 x 642 = 11556 CUFT.  
 DRY = 1800 x 642 = 11556 CUFT.  
 STORAGE PROVIDED:  
 WET = 12573 CUFT. @ ELEV. 443.90  
 DRY = 12276 CUFT. @ ELEV. 445.55  
 BOTTOM ELEV. = 439.75  
 STORAGE DEPTH = 4.10'  
 TOP OF EMBRANKMENT = 448.50 SETTLED  
 CLEAN OUT ELEV. = 444.70  
 WEIR CREST ELEV. = 446.25 TEMP. WEIR  
 WEIR LENGTH = 6.0'  
 HYD. TEMP. STORAGE REQ'D. = 21,760 CUFT.  
 STORAGE (DRY PROVIDED) = 44,850 = 23,090 CUFT.  
 @ 100% = 178 C.F.S.  
 @ 100% = 15 C.F.S. (NON-EROSIVE)



PRIVATELY OWNED AND MAINTAINED BY H.O.A.  
 B.M.P. NO. 1  
 POCKET POND FACILITY  
 HAZARD CLASS 'A'

Ex. S.W.M. Facility  
 SDP 94-05

4 LF. CL 1 RIP-RAP  
 OUTFALL PROTECTION  
 SEE DETAIL, SHEET II

7' RESERVED FOR  
 FUTURE WIDENING  
 (SDP 94-05)

CONTRACTOR TO MEET  
 EX. CURB & GUTTER  
 FOR LINE AND GRADE

33' PRESCRIPTIVE  
 RIGHT-OF-WAY

EX. END SECTION  
 TO REMAIN

33' PRESCRIPTIVE  
 RIGHT-OF-WAY

| NO. | REVISION   | DATE     |
|-----|--|----------|
| 1   | REVISION UNITS 33 THROUGH 44 AND ASSOCIATED UTILITIES  | 1/25/09  |
| 2   | REVISION UNITS 1-7, 42-60 AND ASSOCIATED UTILITIES   | 3/23/09  |
| 3   | ADDED 10' MOOR. ROOM EXTENSION TO UNITS 1-7, 45-48 & 59-62   | 7/3/09   |
| 4   | ADD BUILDERS' NAMES & ADDRESSES REV. UNITS 1-7, 45-48 & 49-50 TO ADD 10' OPT. EXTENSION  | 9/5/08   |
| 5   | REMOVE MH 6 & 7 AND RELATED ROOFTOP S.D. CO. 18-C, 10-A & 10-C. SPLIT UNIT 1-7 INTO 2 SEPARATE BUILDINGS. REVISION G.D. & REMOVE ROOF TOP S.D. & CO. 1-A, 1-D, 2-A & 2-C | 10/21/08 |
| 6   | SPLIT UNITS 38-44 INTO 2 SEPARATE BUILDINGS  | 12/17/08 |
| 7   | REVISION UNIT LOCATIONS, UNIT NUMBERS, GRADING & UTILITIES   | 03/13/09 |
| 8   | Combined Units 38-44 into one (1) 7-Unit Building  | 7/3/09   |

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTRAL SQUARE OFFICE PARK - 1072 BALTIMORE NATIONAL PIKE  
 ELICOTT CITY, MARYLAND 21042  
 410-461-2899

**BUILDER**  
 WAVERLY BUILDERS & DEVELOPERS, LLC  
 ELICOTT CITY, MARYLAND 21042  
 443-367-0422

**BUILDER**  
 NY HOMES  
 6095 MARSHALLE DRIVE SUITE 130  
 ELKBRIDGE, MARYLAND 21075  
 410-379-5956

**MARYLAND ROUTE 144 (FREDERICK ROAD)**  
 (MINOR ARTERIAL)

**ENGINEER'S CERTIFICATE**  
 I certify that this plan for sediment and erosion 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 Howard Soil Conservation District.

Signature of Engineer: *[Signature]* Date: 5/13/09

**DEVELOPER'S CERTIFICATE**  
 I/We certify that all development and construction will be done according to this plan for sediment and erosion control and that all 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 Howard Soil Conservation District.

Signature of Developer: *[Signature]* Date: 5/13/09

**OWNERS**  
 CHARLES J. & ELLEN M. NEHRPINS  
 7160 COLUMBIA GATEWAY DRIVE  
 COLUMBIA, MARYLAND 21046

**DEVELOPER**  
 LAND DESIGN AND DEVELOPMENT, INC.  
 5300 DORSEY HALL DRIVE  
 ELICOTT CITY, MARYLAND 21042

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 Director: *[Signature]* Date: 5/13/09  
 Chief, Division of Land Development: *[Signature]* Date: 5/13/09  
 Chief, Development Engineering Division: *[Signature]* Date: 5/13/09

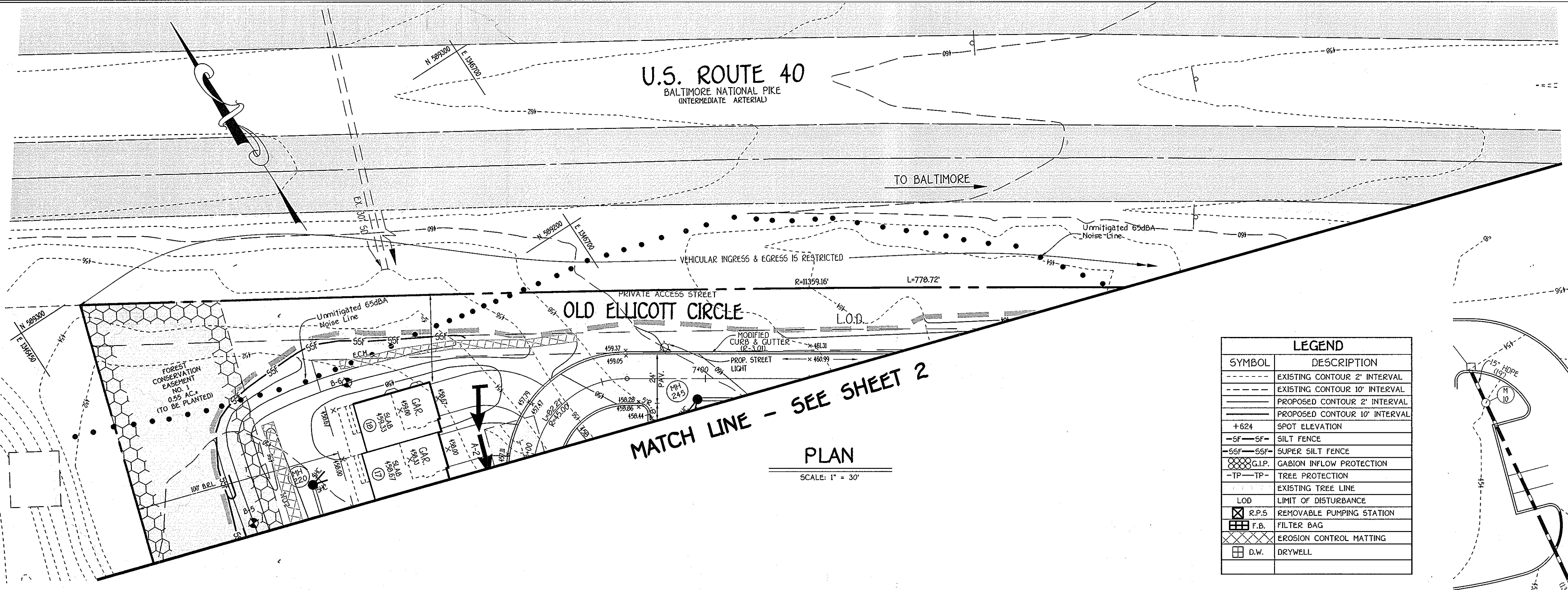
| SUBDIVISION  | ELICOTT SQUARE |
|--------------|----------------|
| SECTION/AREA | N/A            |
| UNIT Nos.    | 1-30 AND 33-70 |
| PLAT NO.     | 18173-18174    |
| BLOCK NO.    | 24             |
| ZONE         | R-SA-B         |
| TAX/ZONE     | 16             |
| ELEC. DIST.  | 2nd            |
| CENSUS TR.   | 6022.00        |
| WATER CODE   | H 07           |
| SEWER CODE   | 5083400        |

REVISED SITE DEVELOPMENT, GRADING & SEDIMENT CONTROL PLAN

**ELICOTT SQUARE TOWNHOUSE CONDOMINIUMS**

TAX MAP No. 16 GRID No. 24 PARCEL Nos. 59, 60 & 63  
 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 30' DATE: MARCH, 2009  
 SHEET 2 OF 22 SDP 05-112





| S.W.M. SUMMARY TABLE                     |  |  |
|--|--|--|
| TYPE OF REQUIREMENT                      | VOLUME REQUIRED                              | VOLUME PROVIDED                                      |
| REV (RECHARGE VOL. FOR ENTIRE SITE)      | 146 ACRES OR 0.1183 ACRE-FEET (5,182 CU.FT.) | 5,600 CUBIC-FEET                                     |
| WdV                                      |  |  |
| STUDY POINT #1 (1.83 ACRES) - D.A. 'A'   | 4,217 CU.FT. AFTER CREDITS - 2,841 CU.FT.    | 2,841 CU.FT. • BMP #2 - SURFACE SAND FILTER          |
| STUDY POINT #2 (5.69 ACRES) - D.A. 'B-2' | 13,116 CU.FT. AFTER CREDITS - 8,356 CU.FT.   | 3,356 CU.FT. • BMP #1 - POCKET POND P-5 w/MICRO-POOL |
| CpV                                      |  |  |
| STUDY POINT #1 (1.83 ACRES) - D.A. 'A'   | N/A @ 12 c.f.s. • 103 c.f.s.                 | N/A  |
| STUDY POINT #2 (5.69 ACRES) - D.A. 'B-2' | 0.1840 ACRE-FEET                             | 0.1840 ACRE-FEET - MICRO-POOL OF BMP #1              |

NOTE: BOTH Q<sub>1</sub> (OVERBANK FLOOD PROTECTION OR 10-YEAR STORM) AND Q<sub>2</sub> (EXTREME FLOOD VOLUME OR 100-YEAR STORM) ARE NOT REQUIRED FOR THIS SITE SINCE WATERSHED AREA IS NOT CLASSIFIED AS ONE OF THE SENSITIVE WATERSHED AREAS FOR HOWARD COUNTY.

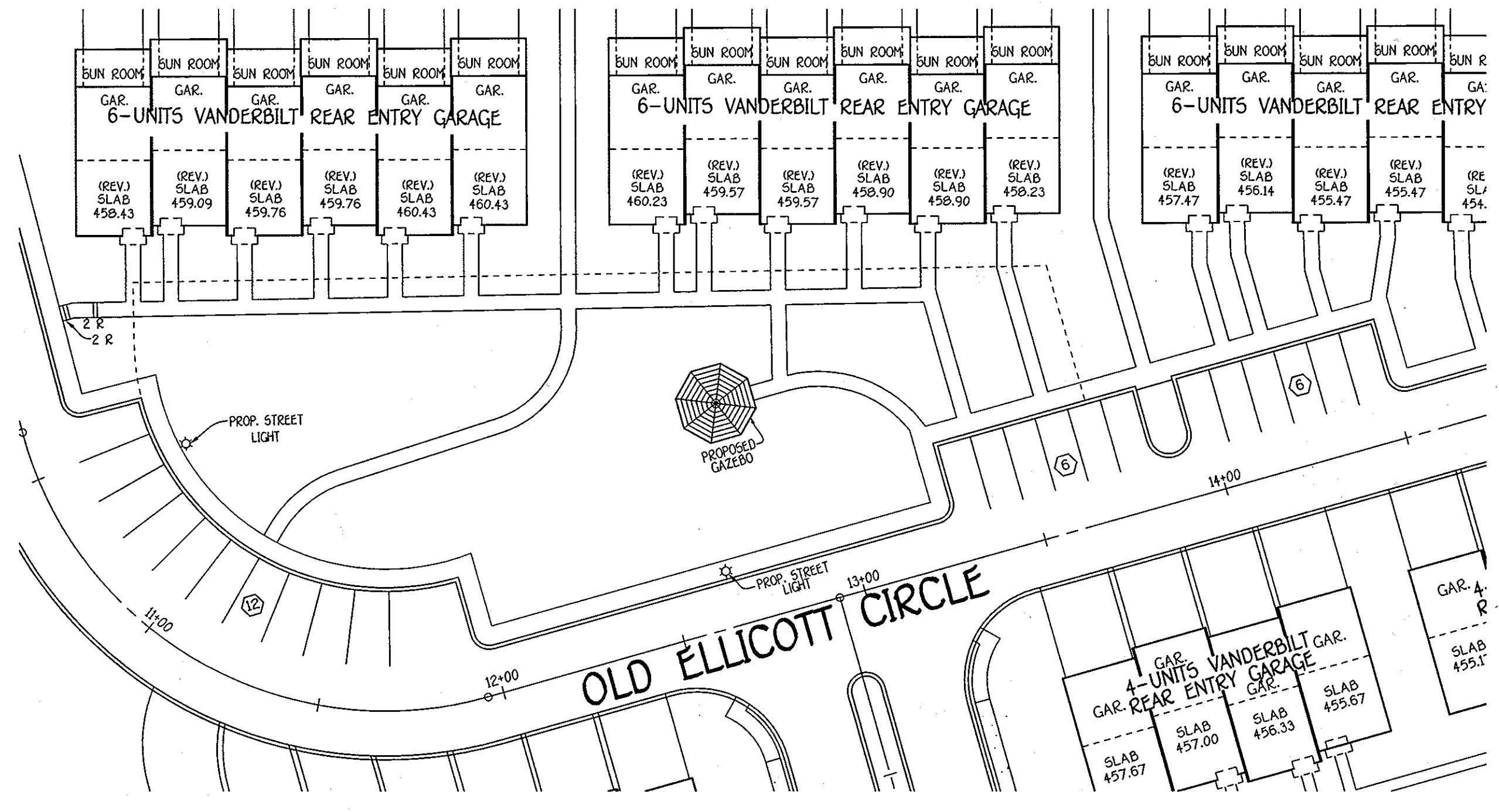
| CENTERLINE CURVE DATA |                      |          |         |            |
|-----------------------|----------------------|----------|---------|------------|
| ROAD NAME             | STA. TO STA.         | RADIUS   | LENGTH  | DELTA      |
| OLD ELLICOTT CIRCLE   | 2+86.45 TO 3+45.41   | 45.00'R  | 58.95'  | 75°03'57"  |
| OLD ELLICOTT CIRCLE   | 7+37.76 TO 8+19.97   | 45.00'R  | 82.21'  | 104°40'14" |
| OLD ELLICOTT CIRCLE   | 10+38.57 TO 11+95.75 | 100.00'R | 102.12' | 91°12'05"  |
| "ALLEY"               | 0+42.49 TO 1+06.90   | 250.00'R | 64.10'  | 14°45'37"  |
| "ALLEY"               | 4+31.31 TO 4+69.26   | 150.00'R | 37.95'  | 14°29'47"  |

| LEGEND |                                 |
|--------|---------------------------------|
| SYMBOL | DESCRIPTION                     |
| ---    | EXISTING CONTOUR 2' INTERVAL    |
| ---    | EXISTING CONTOUR 10' INTERVAL   |
| ---    | PROPOSED CONTOUR 2' INTERVAL    |
| ---    | PROPOSED CONTOUR 10' INTERVAL   |
| +624   | SPOT ELEVATION                  |
| -SF    | SILT FENCE                      |
| -SFS   | SUPER SILT FENCE                |
| ---    | G.I.P. GABION INFLOW PROTECTION |
| -TP    | TREE PROTECTION                 |
| ---    | EXISTING TREE LINE              |
| LOD    | LIMIT OF DISTURBANCE            |
| R.P.S. | REMOVABLE PUMPING STATION       |
| F.B.   | FILTER BAG                      |
| ---    | EROSION CONTROL MATTING         |
| D.W.   | DRYWELL                         |

MATCH LINE - SEE SHEET 2

PLAN

SCALE: 1" = 30'

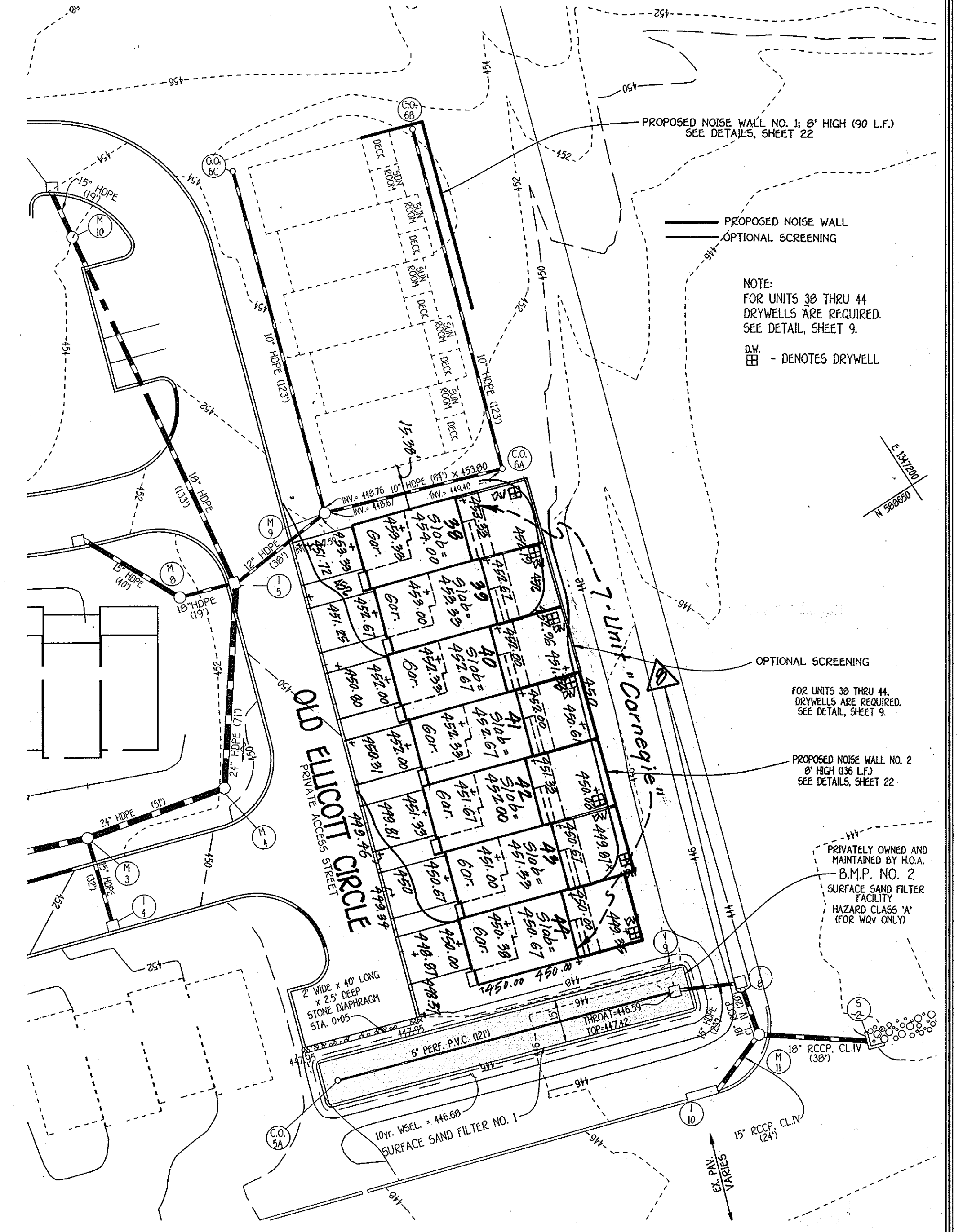


SITTING AREA DETAIL

SCALE: 1" = 30'

**BUILDER**  
WAVERLY BUILDERS & DEVELOPERS, LLC  
5300 DORSEY HALL DRIVE  
ELLICOTT CITY, MARYLAND 21042  
443-367-0422

**BUILDER**  
INV HOMES  
6085 MARSHALLEE DRIVE, SUITE 130  
ELK RIDGE, MARYLAND 21075  
410-379-5956



FINAL GRADING PLAN FOR UNITS 38 THRU 44

SCALE: 1" = 30'

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CONTINENTAL SQUARE OFFICE PARK - 10722 BALTIMORE NATIONAL PIKE  
ELLICOTT CITY, MARYLAND 21042  
410-461-2999

| NO. | REVISION  | DATE     |
|-----|---|----------|
| 1   | Combined Units 38-44 into one (1) Unit                    | 7.31.09  |
| 2   | REVISED UNIT LOCATIONS, UNIT NUMBERS, GRADING & UTILITIES | 03/13/09 |
| 3   | SPLIT UNITS 38-44 INTO 2 SEPARATE BUILDINGS               | 12/17/08 |
| 4   | ADD BUILDERS' NAMES AND ADDRESSES                         | 9/5/08   |
| 5   | REVISE UNITS 1-7, 42-68 AND ASSOCIATED UTILITIES          | 3/20/08  |
| 6   | REVISE UNITS 33 THROUGH 44 AND ASSOCIATED UTILITIES       | 1/23/08  |



**ENGINEER'S CERTIFICATE**  
"I certify that this plan for sediment and erosion 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 Howard Soil Conservation District."  
Signature of Engineer: *[Signature]* Date: 4/28/09

**DEVELOPER'S CERTIFICATE**  
"I/we certify that all development and construction will be done according to this plan for sediment and erosion control and that all 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 Erosion and Sediment before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."  
Signature of Developer: *[Signature]* Date: 4/28/09

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
Signature of District Director: *[Signature]* Date: 5-5-09

**OWNERS**  
CHARLES J. & ELLEN H. NEMPHOS  
1760 COLUMBIA GATEWAY DRIVE  
COLUMBIA, MARYLAND 21046

**DEVELOPER**  
LAND DESIGN AND DEVELOPMENT, INC.  
5300 DORSEY HALL DRIVE  
ELLICOTT CITY, MARYLAND 21042

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
Director: *[Signature]* Date: 5/12/09  
Chief, Division of Land Development: *[Signature]* Date: 5/12/09  
Chief, Development Engineering Division: *[Signature]* Date: 5/12/09

SUBDIVISION: ELLICOTT SQUARE SECTION/AREA: UNIT Nos. 1-30 AND 33-70  
PLAT NO.: 18173-18174 BLOCK NO.: 24 ZONE: R-SA-8 TAX/ZONE: 16 ELEC. DIST.: 2nd CENSUS TR.: 6022.00  
WATER CODE: H 07 SEWER CODE: 5803400

REVISED SITE DEVELOPMENT, GRADING & SEDIMENT CONTROL PLAN  
**ELLICOTT SQUARE**  
TOWNHOUSE CONDOMINIUMS  
TAX MAP No. 16 GRID No. 24 PARCEL Nos. 59, 60 & 63  
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: MARCH, 2009  
SHEET 3 OF 22 SDP 05-112