

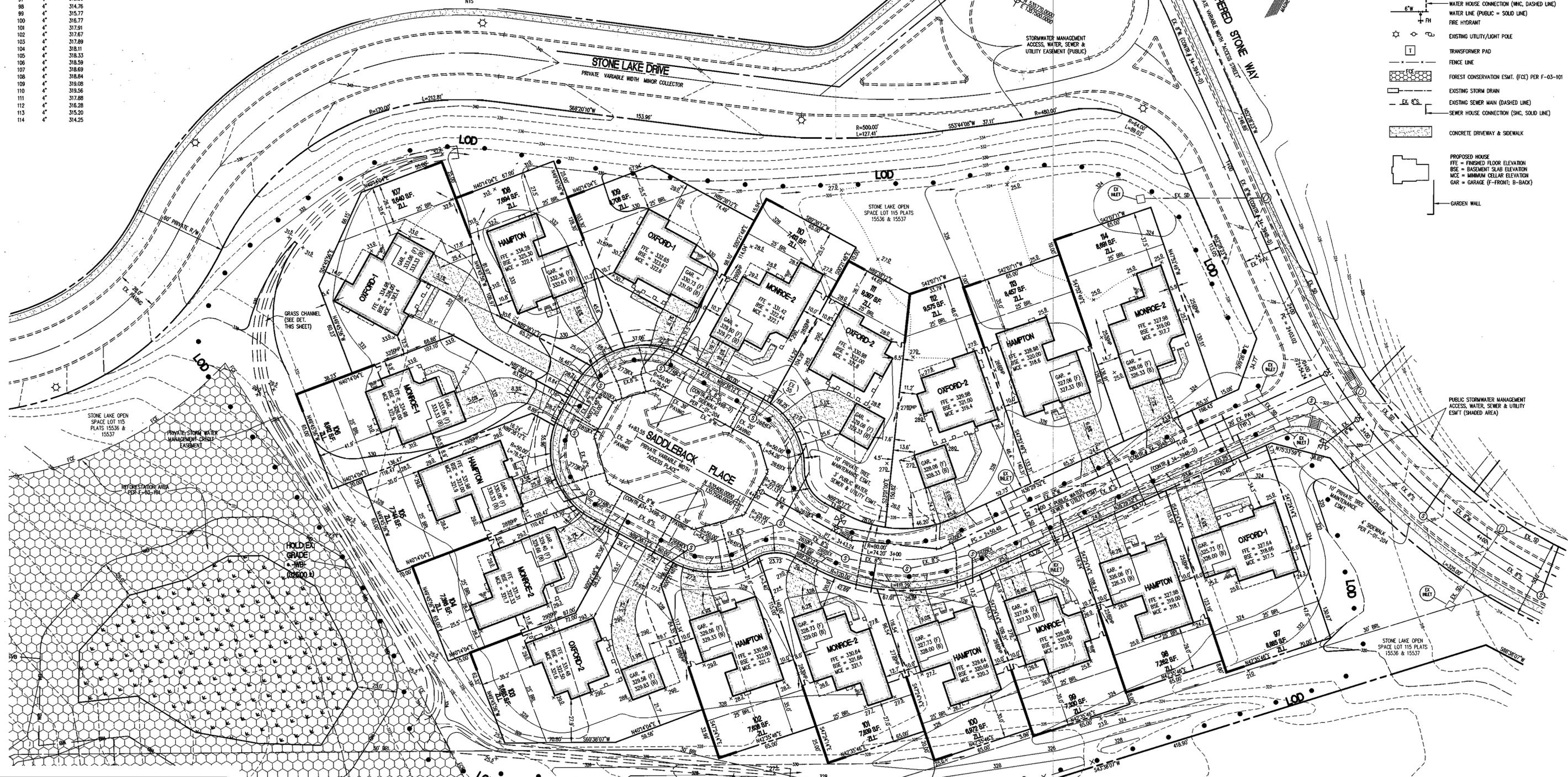
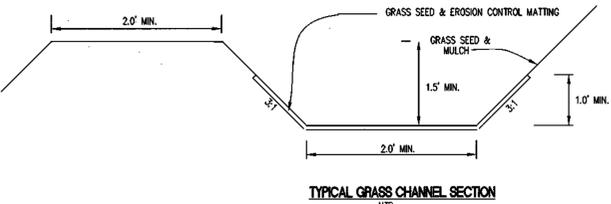


**NOTES**

- LOTS 97-114 ARE "ZERO LOT LINE" (ZLL) AND HAVE NO SIDEYARD SETBACKS PER F-01-204. HOWEVER, THE DISTANCE BETWEEN ADJACENT BUILDINGS MUST BE A MINIMUM OF 15 FEET.
- ALL MHC TO LOTS 97-114 ARE 1" PER CONTRACT #34-3948-D. THE WATER METER FOR EACH HOUSE SHALL BE LOCATED INSIDE THE BUILDING.
- SEE SHEET 3 FOR MORE INFORMATION ON BUILDING FOOTPRINTS & ELEVATIONS; PAVING SECTIONS AND GARDEN WALLS. FOR THE RECORDED PRIVATE MAINTENANCE AGREEMENT REGARDING THE GARDEN WALLS SEE ARTICLE 13 OF THE STONE LAKE COMMUNITY ASSOCIATION, INC. CONSTITUTION RECORDED AT L. 6019 F.414-465.
- SEWER HOUSE CONNECTIONS TO LOTS 97-114 ARE PER CONTRACT #34-3948-D AS SUMMARIZED BELOW:

**LOT SIZE INVERT @ B.O.W.**

| LOT | SIZE | INVERT @ B.O.W. |
|-----|------|-----------------|
| 97  | 4'   | 313.80          |
| 98  | 4'   | 314.76          |
| 99  | 4'   | 315.77          |
| 100 | 4'   | 316.77          |
| 101 | 4'   | 317.91          |
| 102 | 4'   | 317.67          |
| 103 | 4'   | 317.89          |
| 104 | 4'   | 318.11          |
| 105 | 4'   | 318.33          |
| 106 | 4'   | 318.59          |
| 107 | 4'   | 318.69          |
| 108 | 4'   | 318.84          |
| 109 | 4'   | 319.08          |
| 110 | 4'   | 319.56          |
| 111 | 4'   | 317.88          |
| 112 | 4'   | 316.28          |
| 113 | 4'   | 315.20          |
| 114 | 4'   | 314.25          |



**SITE DEVELOPMENT PLAN LEGEND**

- 600 --- EXISTING CONTOUR
- 600 --- PROPOSED CONTOUR
- 38650X --- EXISTING SPOT ELEV.
- + 38600 + 38600P --- PROPOSED SPOT ELEV. (HP=HIGH PT.)
- 0.00 --- LIMIT OF GRADING DISTURBANCE (LOD)
- --- EXISTING CURB & GUTTER
- --- METLANDS
- --- 25' METLAND BUFFER
- --- WATER HOUSE CONNECTION (MHC, DASHED LINE)
- --- WATER LINE (PUBLIC - SOLID LINE)
- --- FIRE HYDRANT
- --- EXISTING UTILITY/LIGHT POLE
- --- TRANSFORMER PAD
- --- FENCE LINE
- --- FOREST CONSERVATION ESMT. (FCE) PER F-03-101
- --- EXISTING STORM DRAIN
- --- EXISTING SEWER MAIN (DASHED LINE)
- --- SEWER HOUSE CONNECTION (SHC, SOLID LINE)
- --- CONCRETE DRIVEWAY & SIDEWALK
- --- PROPOSED HOUSE
- --- FINISHED FLOOR ELEVATION
- --- BASEMENT SLAB ELEVATION
- --- MINIMUM CELLAR ELEVATION
- --- GARAGE (F=FRONT; B=BACK)
- --- GARDEN WALL

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
 Director: [Signature] Date: 7/15/03  
 Chief, Division of Land Development: [Signature] Date: 7/11/03  
 Chief, Development Engineering Division: [Signature] Date: 7/16/03

**GLW GUTSCHICK LITTLE & WEBER, P.A.**

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
 BURTONSVILLE, MARYLAND 20866  
 TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-969-2524 FAX: 301-421-4186

DES. DRN. UP CHK. DATE REVISION BY APPR.

**PREPARED FOR:**

**OWNER/DEVELOPER:** STONE LAKE CORPORATION  
 C/O H.R.D. CORPORATION  
 10275 LITTLE PATENTMENT PKWY.  
 COLUMBIA, MARYLAND 21044  
 PH: 410-992-6034

**BUILDER/CONTRACT PURCHASER:** CHURCHILL GROUP  
 5 CHINE CHERRY ROAD, SUITE 360  
 ROCKVILLE, MARYLAND 20850  
 ATTN: ERIC R. TOVAR  
 PH: (240) 243-1000

**SITE DEVELOPMENT PLAN**

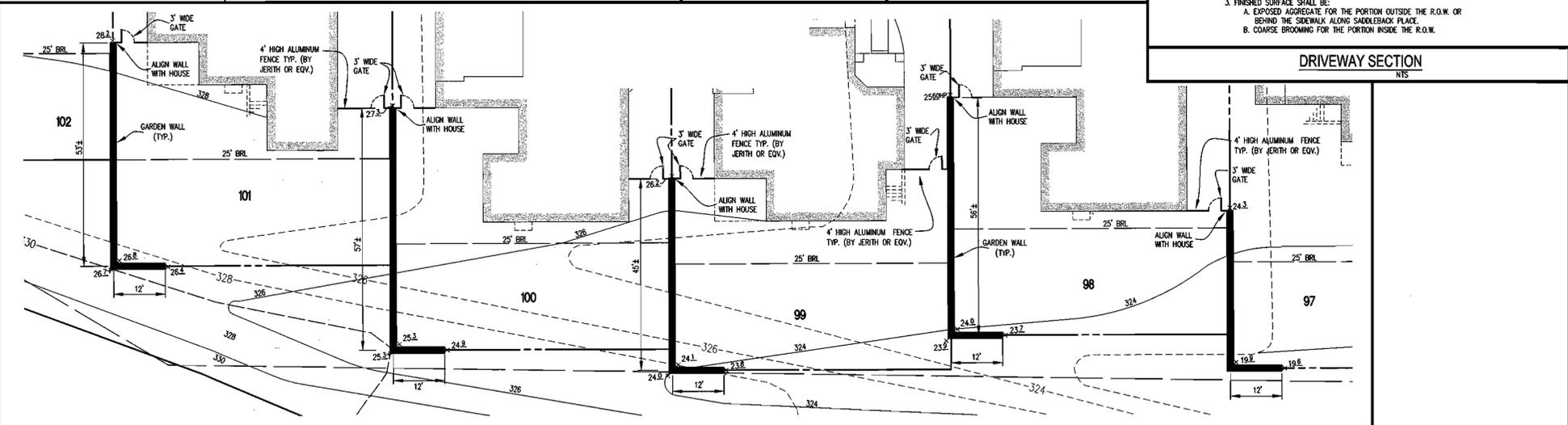
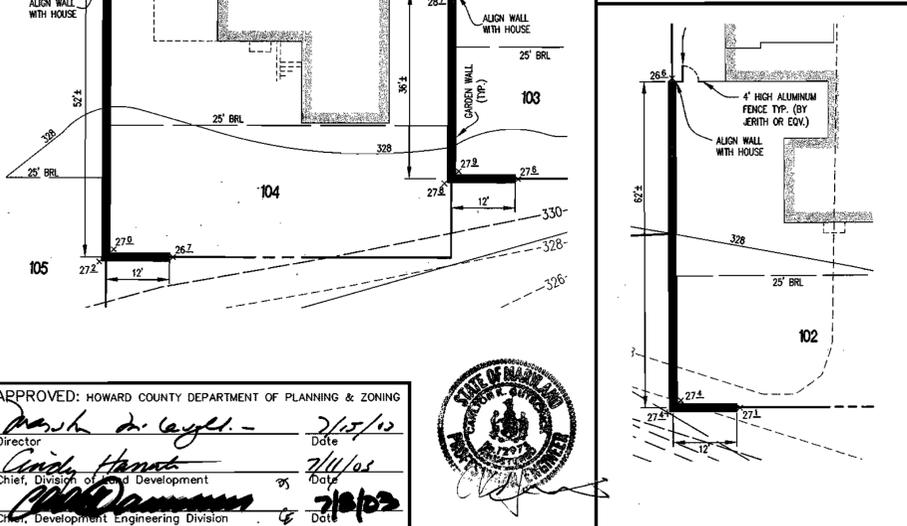
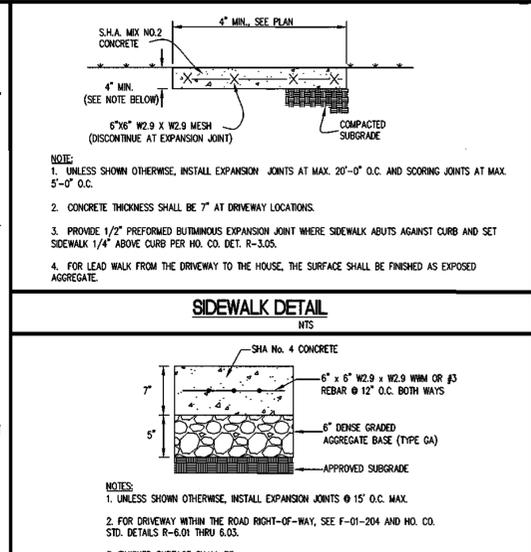
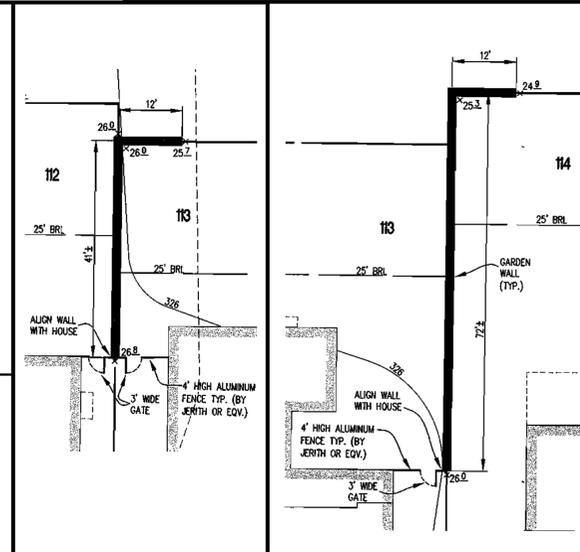
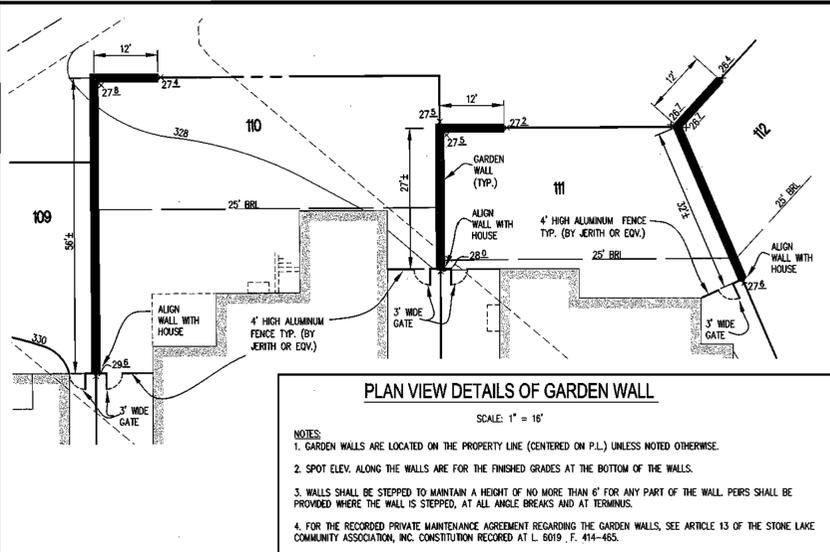
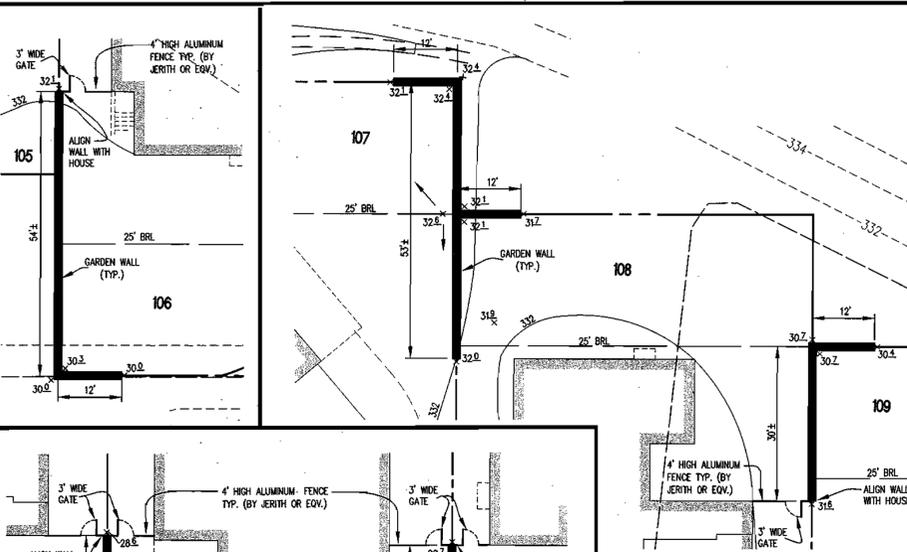
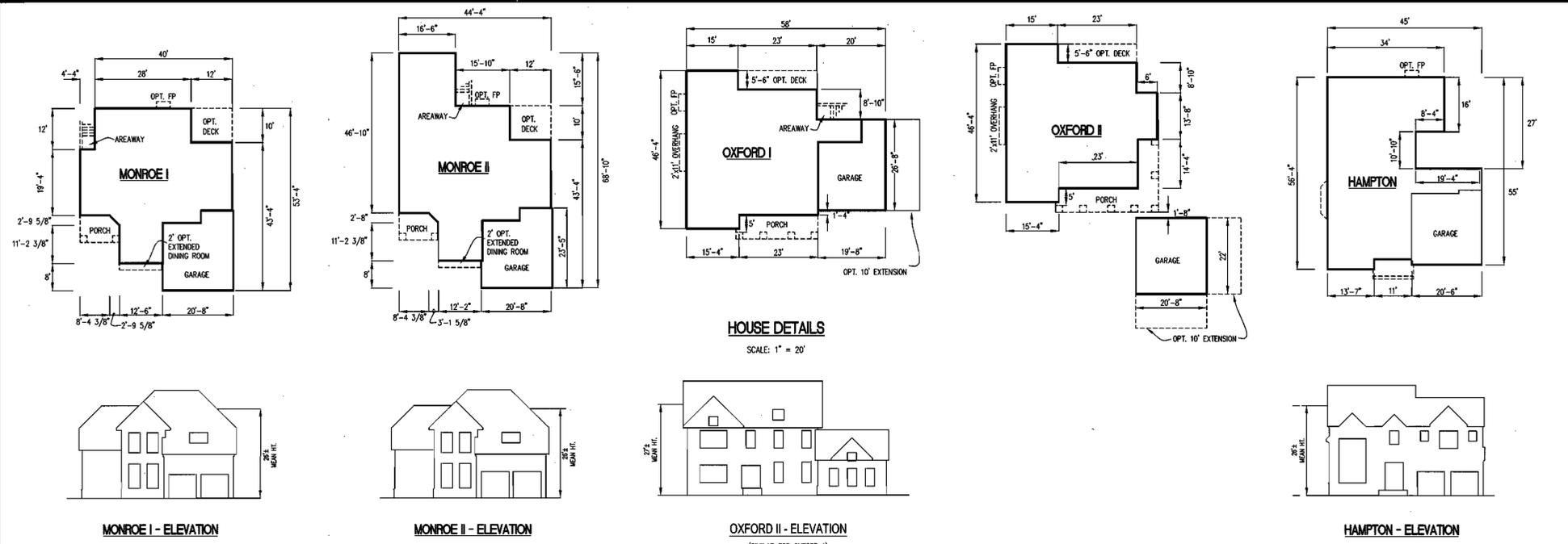
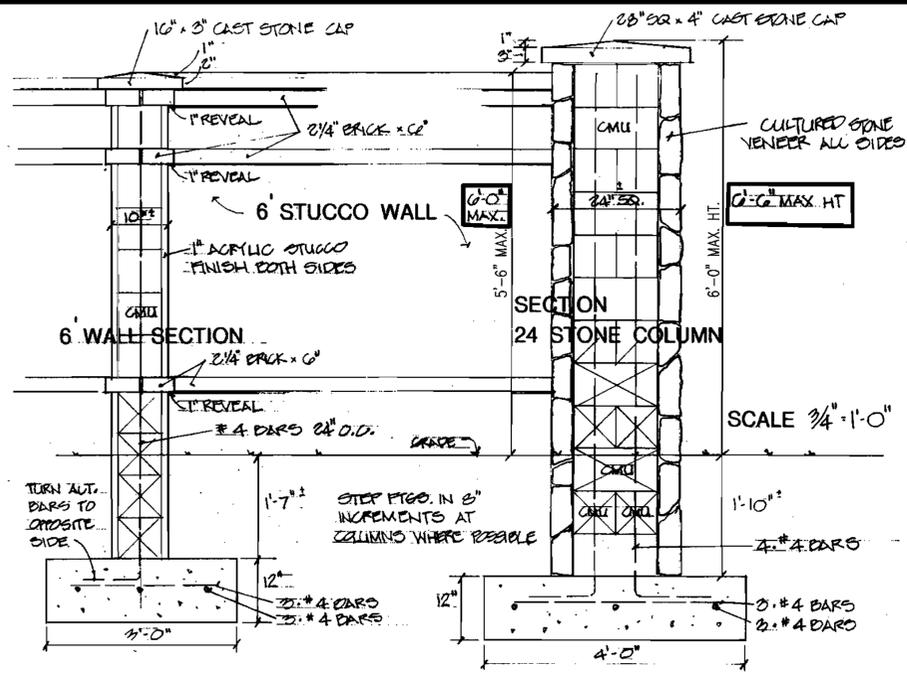
**STONE LAKE LOTS 97 THRU 114**  
 (SINGLE FAMILY DETACHED DWELLINGS)  
 PLATS 15536 & 15537

ELECTION DISTRICT No. 6



|            |                |                   |
|------------|----------------|-------------------|
| SCALE      | ZONING         | G. L. W. FILE No. |
| 1" = 30'   | R-ED           | 02-103            |
| DATE       | TAX MAP - GRID | SHEET             |
| 25/JUNE/03 | 47-7           | 2 OF 7            |

HOWARD COUNTY, MARYLAND



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
 Director: *M. D. [Signature]* Date: 7/15/10  
 Chief, Division of Land Development: *[Signature]* Date: 7/16/10  
 Chief, Development Engineering Division: *[Signature]* Date: 7/16/10



**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
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 BURTONSVILLE, MARYLAND 20866  
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| DES. | DRN. | CHK. | DATE | REVISION | BY | APP'R. |
|------|------|------|------|----------|----|--------|
|      |      |      |      |          |    |        |

PREPARED FOR:  
 OWNER/DEVELOPER: STONE LAKE CORPORATION  
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 CHURCHILL GROUP  
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**SITE DETAILS**  
**STONE LAKE LOTS 97 THRU 114**  
 (SINGLE FAMILY DETACHED DWELLINGS)  
 PLATS 15536 & 15537

ELECTION DISTRICT No. 6

| SCALE      | ZONING         | G. L. W. FILE NO. |
|------------|----------------|-------------------|
| AS SHOWN   | R-ED           | 02-103            |
| DATE       | TAX MAP - GRID | SHEET             |
| 25/JUNE/03 | 47-7           | 3 OF 7            |

HOWARD COUNTY, MARYLAND

| SYMBOL | QUANT. | NAME (BOTANICAL/COMMON)                        | SIZE                       | CONDITION | COMMENTS              |
|--------|--------|--|----------------------------|-----------|-----------------------|
| NS     | 11     | REX x 'NELLIE R. STEVENS'/NELLIE STEVENS HOLLY | 6'-8" HT                   | B&B       | CENTRAL LEADER INTACT |
| PO     | 8      | PICEA OMORICA /SERBIAN SPRUCE                  | 6'-8" HT                   | B&B       | CENTRAL LEADER INTACT |
| OP     | 12     | QUERCUS PALUSTRIS                              | 2.5" - 3" CAL: 12"-14" HT. | B&B       |                       |
| OPH    | 3      | QUERCUS PHellos                                | 2.5" - 3" CAL: 12"-14" HT. | B&B       |                       |

DEVELOPER'S/BUILDER'S CERTIFICATE

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION A LETTER OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

NAME: *John C. ...* DATE: 4/24/03

LANDSCAPE NOTES

- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE & CHAPTER 14 OF THE HOWARD COUNTY LANDSCAPE MANUAL. IN ADDITION TO THE PLANTINGS SHOWN ON THIS "SDP", SUPPLEMENTAL PLANTING SHALL BE DONE BY THE CONTRACT PURCHASER (CP) TO FULFILL THE PRIVATE CONTRACTUAL AGREEMENT BETWEEN THE DEVELOPER AND CP.
- CONTRACTOR SHALL NOTIFY ALL UTILITIES AT LEAST (5) FIVE DAYS BEFORE STARTING WORK. ALL GENERAL NOTES, ESPECIALLY THOSE REGARDING UTILITIES, ON SHEET No. 1 SHALL APPLY.
- FIELD VERIFY UNDERGROUND UTILITY LOCATIONS AND EXISTING CONDITIONS BEFORE STARTING PLANTING WORK. CONTACT CONSTRUCTION MANAGER OR OWNER IF ANY RELOCATIONS ARE REQUIRED.
- PLANT QUANTITIES SHOWN ON THE PLAN LIST ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. IF DISCREPANCIES EXIST BETWEEN QUANTITIES SHOWN ON THE PLAN AND THOSE SHOWN ON THE PLANT LIST, THE QUANTITIES ON THE PLAN SHALL TAKE PRECEDENCE.
- ALL PLANT MATERIAL SHALL BE FULL HEAVY, WELL FORMED, SYMMETRICAL, AND CONFORM TO THE A.A.M. SPECIFICATIONS. ALL PLANT MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THIS PLAN.
- NO SUBSTITUTION SHALL BE MADE WITHOUT PRIOR APPROVAL FROM HOWARD COUNTY DPZ AND THE OWNER OR HIS REPRESENTATIVE.
- ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES BUT NOT OTHERWISE PLANTED, PAVED, OR MULCHED SHALL BE SOODED OR SEEDED IN ACCORDANCE WITH THE PERMANENT SEEDING SPECIFICATION. A MINIMUM OF 4" OF TOPSOIL SHALL BE PROVIDED TO ALL PLANTING AREAS (FOR TOPSOIL SPEC. SEE SHEET 7).
- THE CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING IF HE/SHE ENCOUNTERS SOIL DRAINAGE CONDITIONS THAT MAY BE DETRIMENTAL TO THE GROWTH OF THE PLANTS.
- ALL EXPOSED EARTH WITHIN THE LIMITS OF PLANTING BEDS SHALL BE MULCHED WITH SHREDDED HARDWOOD MULCH PER THE PLANTING DETAILS.
- DO NOT PLANT WITHIN THE PUBLIC WATER, SEWER AND UTILITY EASEMENT.
- "SCHEDULE A-PERIMETER LANDSCAPING EDGE" IS PROVIDED FOR LANDSCAPE SURETY CALCULATION PURPOSES. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING SHALL BE POSTED WITH THE GRADING PERMIT FOR HOUSE CONSTRUCTION IN THE AMOUNT OF \$7350.00 WHICH IS FOR LOTS 94 & 107-114 AS FOLLOWS:  
 15 SHADE TREES AT \$300/TREE = \$4500.00  
 19 EVERGREEN TREES AT \$150/TREE = \$2850.00  
 FOR LANDSCAPE INSPECTION TO OBTAIN THE RELEASE OF THE SURETY, CONTACT HOWARD COUNTY DEPT. OF PLANNING & ZONING AT 410-313-2350. SEE THE CHART BELOW FOR THE BREAK-DOWN OF THE SURETY ON A PER LOT BASIS.  
 12. SEE SHEET 5 FOR LANDSCAPE DETAILS AND SPECIFICATIONS.

| LOT No. | TREE QUANTITY |           | SURETY AMOUNT |
|---------|---------------|-----------|---------------|
|         | SHADE         | EVERGREEN |               |
| 97      | 1             | 3         | \$750.00      |
| 107     | 2             | 0         | \$600.00      |
| 108     | 1             | 3         | \$750.00      |
| 109     | 3             | 2         | \$1200.00     |
| 110     | 2             | 1         | \$750.00      |
| 111     | 1             | 3         | \$750.00      |
| 112     | 1             | 0         | \$300.00      |
| 113     | 1             | 3         | \$750.00      |
| 114     | 3             | 4         | \$1500.00     |
| TOTAL   | 15            | 19        | \$7350.00     |

LANDSCAPE EDGE ANALYSIS

THE REAR AND SIDES OF THE FOLLOWING LOTS ARE ORIENTED TO A ROADWAY. A TYPE-B BUFFER IS REQUIRED.

| LOT No. | LINEAR FEET OF PROPERTY |
|---------|-------------------------|
| 97      | 131 (LT. SIDE)          |
| 107     | 121 (REAR)              |
| 108     | 67 (REAR)               |
| 109     | 132 (REAR)              |
| 110     | 65 (REAR)               |
| 111     | 45 (REAR)               |
| 112     | 34 (REAR)               |
| 113     | 65 (REAR)               |
| 114     | 158 (REAR & RT. SIDE)   |
|         | 856 TOTAL               |

SCHEDULE-A: PERIMETER LANDSCAPE EDGE

|   |                              |
|---|------------------------------|
| LAND USE                                  | SINGLE FAMILY DETACHED       |
| STRUCTURE'S ORIENTATION TO ROADWAY        | SIDE & REAR                  |
| LANDSCAPE BUFFER TYPE                     | TYPE-B                       |
| LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER | 856 LF.                      |
| CREDIT FOR EXISTING VEGETATION            | NO                           |
| CREDIT FOR WALL, FENCE OR BERM            | *YES, 96 LF (SEE BELOW)      |
| NUMBER OF PLANTS REQUIRED                 | (FOR 760 LF. W/ WALL CREDIT) |
| SHADE TREES                               | 15                           |
| EVERGREEN TREES                           | 19                           |
| SHRUBS                                    | N.A.                         |
| NUMBER OF PLANTS PROVIDED                 |                              |
| SHADE TREES                               | 15                           |
| EVERGREEN TREES                           | 19                           |
| OTHERS TREES (@ 2:1 substitution)         | N.A.                         |
| SHRUBS (@ 10:1 substitution)              | N.A.                         |

\*THERE IS 12 LF. PER LOT OF GARDEN WALL ON THE REAR OF LOTS 107-114 (OR 96 LF TOTAL)

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
 Director: *John C. ...* Date: 4/24/03  
 Chief, Division of Land Development: *...* Date: 4/24/03  
 Chief, Development Engineering Division: *...* Date: 4/24/03

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THIS PLAN IS FOR PLANTING PURPOSES ONLY!

**LANDSCAPE PLAN**  
**STONE LAKE LOTS 97 THRU 114**  
 (SINGLE FAMILY DETACHED DWELLINGS)  
 PLATS 15536 & 15537

|            |                |                   |
|------------|----------------|-------------------|
| SCALE      | ZONING         | G. L. W. FILE No. |
| 1" = 30'   | R-ED           | 02-103            |
| DATE       | TAX MAP - GRID | SHEET             |
| 25/JUNE/03 | 47 - 7         | 4 OF 7            |

SPECIFICATION FOR PLANT MATERIALS AND PLANTING METHODS

A. PLANT MATERIALS

THE LANDSCAPE CONTRACTOR SHALL FURNISH AND INSTALL AND/OR DIG, BALL, BURLAP AND TRANSPORT ALL OF THE PLANT MATERIALS CALLED FOR ON DRAWINGS AND/OR LISTED IN THE PLANT SCHEDULE.

1. PLANT NAMES

PLANT NAMES USED IN THE PLANT SCHEDULE SHALL CONFORM WITH "STANDARDIZED PLANT NAMES," LATEST EDITION.

2. PLANT STANDARDS

ALL PLANT MATERIAL SHALL BE EQUAL TO OR BETTER THAN THE REQUIREMENTS OF THE "USA STANDARD FOR NURSERY STOCK" LATEST EDITION, AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN (HERE-AFTER REFERRED TO AS AAN STANDARDS). ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY. SHALL HAVE A NORMAL HABIT OF GROWTH AND SHALL BE FIRST QUALITY, SOUND, UNIFORM, WELL-BRANCHED AND WITH HEALTHY, WELL-FURNISHED ROOT SYSTEMS. THEY SHALL BE FREE OF DISEASE, INSECT PESTS AND MECHANICAL INJURIES.

ALL PLANTS SHALL BE NURSERY GROWN AND SHALL HAVE BEEN GROWN UNDER THE SAME CLIMATE CONDITIONS AS THE LOCATION OF THIS PROJECT FOR AT LEAST TWO YEARS BEFORE PLANTING. NEITHER HEEL-ED-IN PLANTS NOR PLANTS FROM COLD STORAGE WILL BE ACCEPTED.

3. PLANT MEASUREMENTS

ALL PLANTS SHALL CONFORM TO THE MEASUREMENTS SPECIFIED IN THE PLANT SCHEDULE AS APPROVED BY THE ARB.

A. CALIPER MEASUREMENTS SHALL BE TAKEN SIX INCHES (6") ABOVE GRADE FOR TREES UNDER FOUR-INCH (4") CALIPER AND TWELVE (12") ABOVE GRADE FOR TREES FOUR INCHES (4") IN CALIPER AND OVER.

B. MINIMUM BRANCHING HEIGHT FOR ALL TREES SHALL BE SIX FEET (6'), MAXIMUM EIGHT FEET (8').

C. MINIMUM SIZES FOR PLANT MATERIALS TO BE INSTALLED SHALL BE AS FOLLOWS:

DECIDUOUS SHADE TREES - 2.5" TO 3" CALIPER, 12 TO 14 FEET TALL.  
 DECIDUOUS ORNAMENTAL TREES - 2" TO 2.5" CALIPER, 8-10' TALL.  
 EVERGREEN TREES - 7 TO 9 FEET TALL.  
 SHRUBS - 24" TO 36" AT COMPLETE INSTALLATION.

D. CALIPER, HEIGHT, SPREAD AND SIZE OF BALL SHALL BE GENERALLY AS FOLLOWS:

| CALIPER   | HEIGHT  | SPREAD  | SIZE OF BALL |
|-----------|---------|---------|--------------|
| 3" - 3.5" | 14'-16' | 6'-8'   | 32" DIAMETER |
| 3.5" - 4" | 14'-16' | 8'-10'  | 36" DIAMETER |
| 4" - 4.5" | 16'-18' | 8'-10'  | 40" DIAMETER |
| 4.5" - 5" | 16'-17' | 10'-12' | 44" DIAMETER |
| 5" - 5.5" | 16'-20' | 10'-12' | 48" DIAMETER |
| 5.5" - 6" | 18'-20' | 12'-14' | 52" DIAMETER |

ALL PLANT MATERIAL SHALL GENERALLY AVERAGE THE MEDIAN FOR THE SIZE RANGES INDICATED ABOVE AS INDICATED IN THE "AAN STANDARDS".

4. PLANT IDENTIFICATION

LEGIBLE LABELS SHALL BE ATTACHED TO ALL SHADE TREES, MINOR TREES, SPECIMEN SHRUBS AND BUNDLES OR BOXES OF OTHER PLANT MATERIAL GIVING THE BOTANICAL AND COMMON NAMES, SIZE AND QUANTITY OF EACH. EACH SHIPMENT OF PLANTS SHALL BEAR CERTIFICATES OF INSPECTION AS REQUIRED BY FEDERAL, STATE AND COUNTY AUTHORITIES.

5. PLANT INSPECTION

THE ARB MAY, UPON REQUEST BY THE BUILDER OR DEVELOPER, AT LEAST TEN (10) DAYS PRIOR TO THE INSTALLATION OF ANY PROPOSED PLANT MATERIAL, INSPECT ALL PROPOSED PLANT MATERIAL AT THE SOURCE OF ORIGIN.

B. PLANTING METHODS

ALL PROPOSED PLANT MATERIALS THAT MEET THE SPECIFICATIONS IN SECTION A ARE TO BE PLANTED IN ACCORDANCE WITH THE FOLLOWING METHODS DURING THE PROPER PLANTING SEASONS AS DESCRIBED IN THE FOLLOWING:

1. PLANTING SEASONS

THE PLANTING OF DECIDUOUS TREES, SHRUBS AND VINES SHALL BE FROM MARCH 1ST TO JUNE 15TH AND FROM SEPTEMBER 15TH TO DECEMBER 15TH. PLANTING OF DECIDUOUS MATERIAL MAY BE CONTINUED DURING THE WINTER MONTHS PROVIDED THERE IS NO FROST IN THE GROUND AND FROST-FREE TOPSOIL PLANTING MIXTURES ARE USED.

THE PLANTING OF EVERGREEN MATERIAL SHALL BE FROM MARCH 15TH TO JUNE 15TH AND FROM AUGUST 15TH TO DECEMBER 1ST. NO PLANTING SHALL BE DONE WHEN GROUND IS FROZEN OR EXCESSIVELY MOIST. NO FROZEN OR WET TOPSOIL SHALL BE USED AT ANY TIME.

2. DIGGING

ALL PLANT MATERIAL SHALL BE DIG, BALLED AND BURLAPPED (B+B) IN ACCORDANCE WITH THE "AAN STANDARDS".

3. EXCAVATION OF PLANT PITS

THE LANDSCAPING CONTRACTOR SHALL EXCAVATE ALL PLANT PITS, VINE PITS, HEDGE TRENCHES AND SHRUB BEDS IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

A. LOCATIONS OF ALL PROPOSED PLANT MATERIAL SHALL BE STAKED AND APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT BEFORE ANY OF THE PROPOSED PLANT MATERIAL IS INSTALLED BY THE LANDSCAPE CONTRACTOR.

B. ALL PITS SHALL BE GENERALLY CIRCULAR IN OUTLINE, VERTICAL SIDES, DEPTH SHALL NOT BE LESS THAN 6" DEEPER THAN THE ROOT BALL. DIAMETER SHALL NOT BE LESS THAN TWO TIMES THE DIAMETER OF THE ROOT BALL AS SET FORTH IN THE FOLLOWING SCHEDULE.

C. IF AREAS ARE DESIGNATED AS SHRUB BEDS OR HEDGE TRENCHES, THEY SHALL BE EXCAVATED TO AT LEAST 18" DEPTH MINIMUM. AREAS DESIGNATED FOR GROUND COVERS AND VINES SHALL BE EXCAVATED TO AT LEAST 12" IN DEPTH MINIMUM.

D. DIAMETER AND DEPTH OF TREE PITS SHALL GENERALLY BE AS FOLLOWS:

| PLANT SIZE     | ROOT BALL | PIT DIAMETER | PIT DEPTH |
|----------------|-----------|--------------|-----------|
| 3" - 3.5" CAL. | 32"       | 64"          | 28"       |
| 3.5" - 4" CAL. | 36"       | 72"          | 32"       |
| 4" - 4.5" CAL. | 40"       | 80"          | 36"       |
| 4.5" - 5" CAL. | 44"       | 88"          | 40"       |
| 5" - 5.5" CAL. | 48"       | 96"          | 44"       |
| 5.5" - 6" CAL. | 52"       | 104"         | 48"       |

A 20% COMPACTION FIGURE OF THE SOIL TO BE REMOVED IS ASSUMED AND WILL BE ALLOWED IN CALCULATION OF EXTRA TOPSOIL. THE TABULATED PIT SIZES ARE FOR PURPOSES OF UNIFORM CALCULATION AND SHALL NOT OVERRIDE THE SPECIFIED DEPTHS BELOW THE BOTTOMS OF THE ROOT BALLS.

4. STAKING, GUYING AND WRAPPING

ALL PLANT MATERIAL SHALL BE STAKED OR GUYED, AND WRAPPED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

A. STAKES: SHALL BE SOUND WOOD 2" X 2" ROUGH SAWN OAK OR SIMILAR DURABLE WOODS, OR LENGTHS, MINIMUM 8'-0" FOR MAJOR TREES AND 7'-0" MINIMUM FOR MINOR TREES.

B. WIRE AND CABLE: WIRE FOR TREE SUPPORTS SHALL BE IN ACCORDANCE WITH SHA 710.03-09 OR BETHANIZED ANNEALED STEEL WIRE. FOR TREES OVER 5" CALIPER, PROVIDE 3/16", 7 STRAND CABLE CADMIUM PLATED STEEL WITH GALVANIZED "EYE" THIMBLES.

C. HOSE: SHALL BE NEW, 2 PLY REINFORCED RUBBER HOSE, MINIMUM 1/2" I.D., "PLASTIC LOCK TIES" OR "PAUL'S TREES BRACES" MAY BE USED IN PLACE OF WIRE AND HOSE ON TREES UP TO 3-1/2" IN CALIPER.

D. ALL TREES UNDER 3-1/2" IN CALIPER ARE TO BE PLANTED AND GUYED IN ACCORDANCE WITH THE PLANTING DETAILS ON THESE PLAN. GUYING OF EVERGREEN TREES AND DECIDUOUS TREES SHALL BE IN ACCORDANCE WITH SHA 710.03-03 AND 710.03-06.

5. PLANT PRUNING, EDGING AND MULCHING

A. EACH TREE, SHRUB OR VINE SHALL BE PRUNED IN AN APPROPRIATE MANNER TO ITS PARTICULAR REQUIREMENTS, IN ACCORDANCE WITH ACCEPTED STANDARD PRACTICE. BROKEN OR BRUISED BRANCHES SHALL BE REMOVED WITH CLEAN CUTS FLUSH WITH THE ADJACENT TRUNK OR BRANCHES. ALL CUTS OVER 1" IN DIAMETER SHALL BE PAINTED WITH AN APPROVED ANTISEPTIC TREE WOUND DRESSING.

B. ALL TRENCHES AND SHRUB BEDS SHALL BE EDGED AND CULTIVATED TO THE LINES SHOWN ON THE DRAWING. THE AREAS AROUND ISOLATED PLANTS SHALL BE EDGED AND CULTIVATED TO THE FULL DIAMETER OF THE PIT. SOIL WHICH HAS BEEN REMOVED AND STACKED SHALL BE USED TO TRIM THE EDGES OF ALL EXCAVATED AREAS TO THE NEAT LINES OF THE PLANT PIT SAUCERS, THE EDGES OF SHRUB AREAS, HEDGE TRENCHES AND VINE POCKETS.

C. AFTER CULTIVATION, ALL PLANT MATERIALS SHALL BE MULCHED WITH A 3" MIN. LAYER OF FINE, SHREDDED PINE BARK, PEAT MOSS, OR ANOTHER APPROVED MATERIAL OVER THE ENTIRE AREA OF THE BED OR SAUCER.

6. PLANT INSPECTION AND ACCEPTANCE

THE ARB SHALL BE RESPONSIBLE FOR INSPECTING ALL PLANTING PROJECTS ON A PERIODIC BASIS TO ASSURE THAT ALL WORK IS PROCEEDING IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.

7. PLANT GUARANTEE

ALL PLANT MATERIAL SHALL BE GUARANTEED FOR THE DURATION OF ONE FULL GROWING SEASON, AFTER FINAL INSPECTION AND ACCEPTANCE OF THE WORK IN THE PLANTING PROJECT. PLANTS SHALL BE ALIVE AND IN SATISFACTORY GROWING CONDITION AT THE END OF THE GUARANTEE PERIOD.

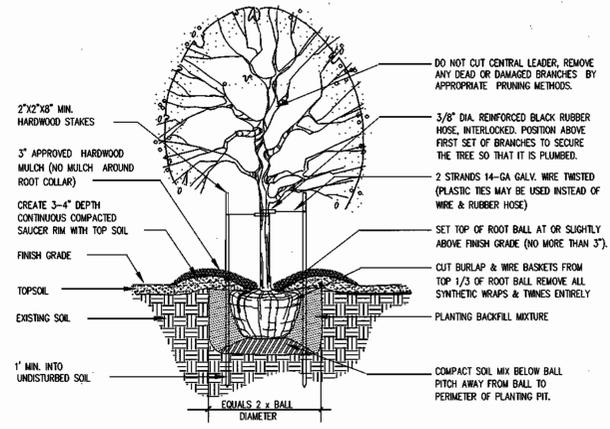
A. FOR THIS PURPOSE, THE "GROWING SEASON" SHALL BE THAT PERIOD BETWEEN THE END OF THE "SPRING" PLANTING SEASON, AND THE COMMENCEMENT OF THE "FALL" PLANTING SEASON.

B. GUARANTEE FOR PLANTING PERFORMED AFTER THE SPECIFIED END OF THE "SPRING" PLANTING SEASON, SHALL BE EXTENDED THROUGH THE END OF THE NEXT FOLLOWING "SPRING" PLANTING SEASON.

SODDING

ALL SODDING SHALL BE IN ACCORDANCE TO THE "LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS" LATEST EDITION, APPROVED BY THE LANDSCAPE CONTRACTORS ASSOCIATION OF METROPOLITAN WASHINGTON AND THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS.

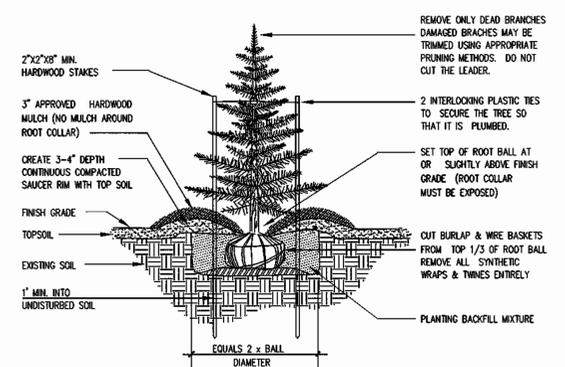
ALL SOD SHALL BE STRONGLY ROOTED SOD, NOT LESS THAN TWO YEARS OLD AND FREE OF WEEDS AND UNDESIRABLE NATIVE GRASSES. PROVIDE ONLY SOD CAPABLE OF GROWTH DEVELOPMENT WHEN PLANTED AND IN STRIPS NOT MORE THAN 18" WIDE X 4' LONG. PROVIDE SOD COMPOSED PRINCIPALLY OF IMPROVED STRAIN KENTUCKY BLUEGRASS, SUCH AS COLUMBIA, VICTA, OR ESCORT.



NOTE: ALL SUPPORTING DEVICES (STAKES, WIRES, ETC.) SHALL BE REMOVED AFTER 2 GROWING SEASONS.

DECIDUOUS TREE PLANTING DETAIL  
FOR PLANTING MATERIAL UP TO 3 1/2" CALIPER

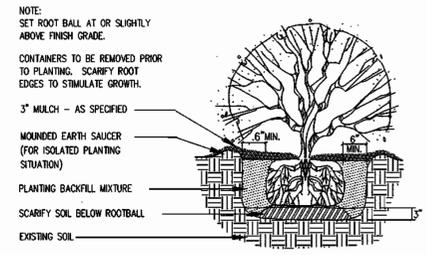
NTS



NOTE: ALL SUPPORTING DEVICES (STAKES, TIES, ETC.) SHALL BE REMOVED AFTER 2 GROWING SEASONS.

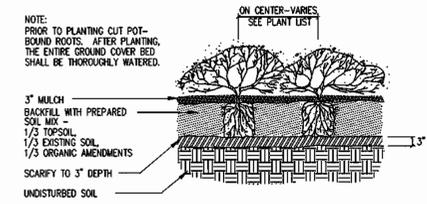
EVERGREEN TREE PLANTING DETAIL

NTS



SHRUB PLANTING DETAIL

NTS



GROUNDCOVER PLANTING DETAIL

NTS

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
 Director: *[Signature]* Date: 2/15/03  
 Chief, Division of Planning and Development: *[Signature]* Date: 2/11/03  
 Chief, Development Engineering Division: *[Signature]* Date: 2/10/03



GLW GUTSCHICK LITTLE & WEBER, P.A.  
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
 BURTONSVILLE, MARYLAND 20866  
 TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-969-2524 FAX: 301-421-4186

| DATE | REVISION | BY | APPR. |
|------|----------|----|-------|
|      |          |    |       |
|      |          |    |       |
|      |          |    |       |

PREPARED FOR:  
 OWNER/DEVELOPER: STONE LAKE CORPORATION  
 710 H.R.D. CORPORATION  
 15275 LITTLE PATRIENT PKWY.  
 COLUMBIA, MARYLAND 21044  
 PH: 410-992-6034  
 BUILDER/CONTRACT PURCHASER: CHURCHILL GROUP  
 5 CHIKE CHERRY ROAD, SUITE 350  
 ROCKVILLE, MARYLAND 20850  
 ATTN: ERIC R. TOVAR  
 PH: (240) 243-1000

LANDSCAPE NOTES & DETAILS  
**STONE LAKE LOTS 97 THRU 114**  
 (SINGLE FAMILY DETACHED DWELLINGS)  
 PLATS 15536 & 15537  
 HOWARD COUNTY, MARYLAND

| SCALE      | ZONING         | G. L. W. FILE No. |
|------------|----------------|-------------------|
| AS NOTED   | R-ED           | 02-103            |
| DATE       | TAX MAP - GRID | SHEET             |
| 25/JUNE/03 | 47 - 7         | 5 OF 7            |

**ENGINEER'S CERTIFICATE**

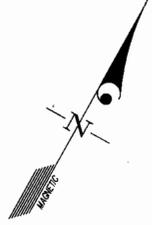
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*CKJ* DATE 6/24/03

**DEVELOPER'S/BUILDER'S CERTIFICATE**

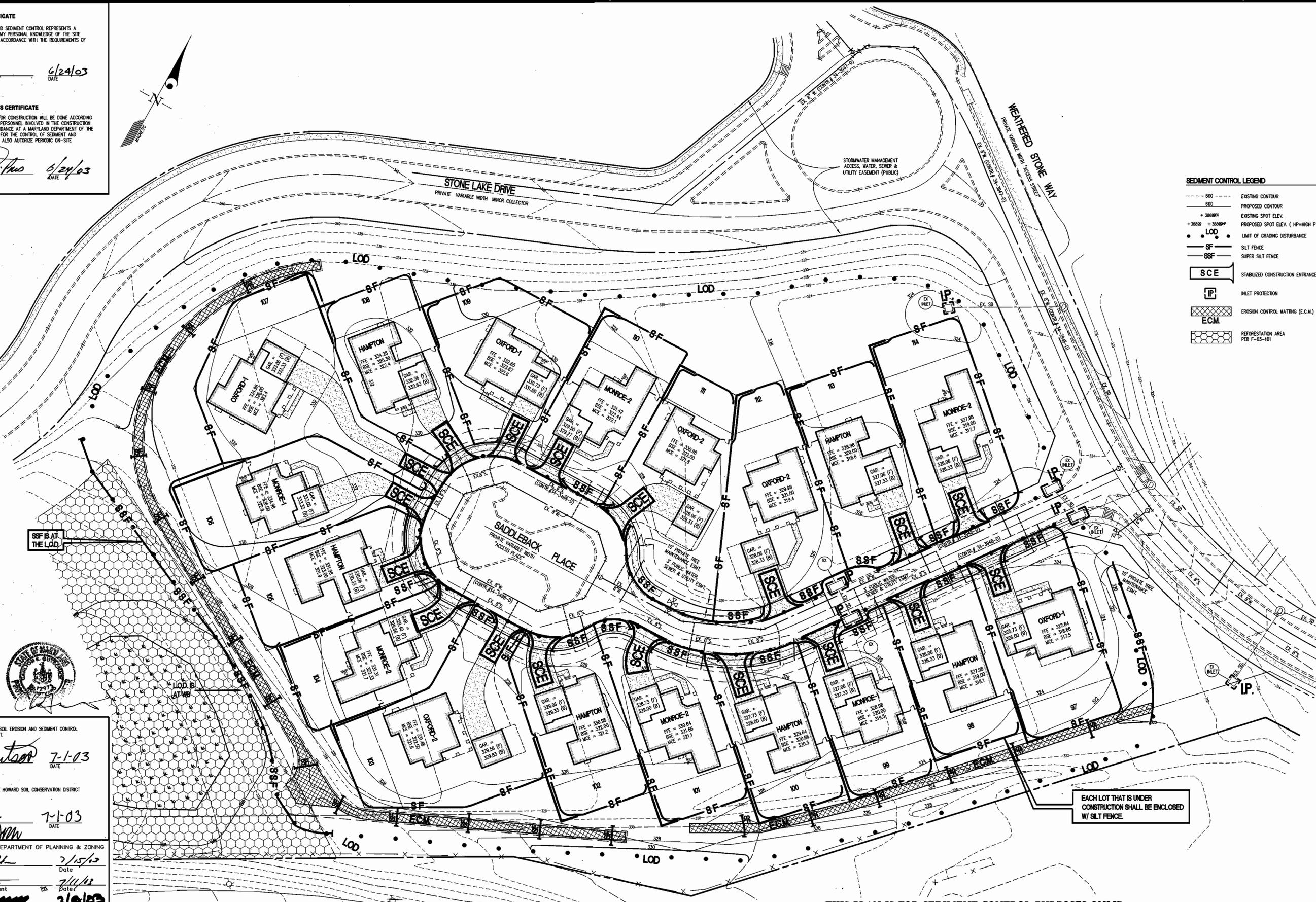
"I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HSCD."

*Jim Meyer* DATE 6/24/03  
SIGNATURE OF DEVELOPER/BUILDER



**SEDIMENT CONTROL LEGEND**

|                   |                                   |
|-------------------|-----------------------------------|
| ---               | EXISTING CONTOUR                  |
| ---               | PROPOSED CONTOUR                  |
| +38800*           | EXISTING SPOT ELEV.               |
| +38800**          | PROPOSED SPOT ELEV. (HP=HIGH PT.) |
| •                 | LOD                               |
| •                 | LIMIT OF GRADING DISTURBANCE      |
| — SF —            | SILT FENCE                        |
| — SSF —           | SUPER SILT FENCE                  |
| [ SCE ]           | STABILIZED CONSTRUCTION ENTRANCE  |
| [ IP ]            | INLET PROTECTION                  |
| [ ECM ]           | EROSION CONTROL MATTING (E.C.M.)  |
| [ REFORESTATION ] | REFORESTATION AREA PER F-03-101   |



THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*John K. Robertson* DATE 7-1-03  
HOWARD S.C.D.

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.

*Jim Meyer* DATE 7-1-03  
NATURAL RESOURCES CONSERVATION SERVICE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*David D. Wright* DATE 7/15/03  
Director

*Andy Hammett* DATE 7/16/03  
Chief, Division of Land Development

*Chad Williams* DATE 7/16/03  
Chief, Development Engineering Division

EACH LOT THAT IS UNDER CONSTRUCTION SHALL BE ENCLOSED W/ SILT FENCE.

THIS PLAN IS FOR SEDIMENT CONTROL PURPOSES ONLY!

|  |  |   |  |   |  |   |                                  |                           |                        |                                     |
|--|--|---|--|---|--|---|----------------------------------|---------------------------|------------------------|-------------------------------------|
| <p><b>GLW GUTSCHICK LITTLE &amp; WEBER, P.A.</b><br/>CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS<br/>3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK<br/>BURTONSVILLE, MARYLAND 20886<br/>TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-988-2524 FAX: 301-421-4186</p> |  | <p>PREPARED FOR:</p> <p>OWNER/DEVELOPER: STONE LAKE CORPORATION<br/>C/O H.R.D. CORPORATION<br/>10275 LITTLE PATIENT PKWY.<br/>COLUMBIA, MARYLAND 21044<br/>PH: 410-992-6034</p> |  | <p>BUILDER/CONTRACT PURCHASER:</p> <p>CHURCHILL GROUP<br/>5 CHERRY ROAD, SUITE 360<br/>ROCKVILLE, MARYLAND 20850<br/>ATTN: ERIC R. TOVAR<br/>PH: (240) 243-1000</p> |  | <p><b>SEDIMENT CONTROL PLAN</b><br/><b>STONE LAKE LOTS 97 THRU 114</b><br/>(SINGLE FAMILY DETACHED DWELLINGS)<br/>PLATS 15536 &amp; 15537</p> |                                  | <p>SCALE<br/>1" = 30'</p> | <p>ZONING<br/>R-ED</p> | <p>G. L. W. FILE No.<br/>02-103</p> |
| <p>DATE: 25/JUNE/03</p>  |  | <p>BY: _____</p>  |  | <p>ELECTION DISTRICT No. 6</p>  |  | <p>DATE: 25/JUNE/03</p>   | <p>TAX MAP - GRID<br/>47 - 7</p> | <p>SHEET<br/>6 OF 7</p>   |                        |                                     |
| <p>DES. DRN. MP. CHK.</p>  |  | <p>REVISION</p>   |  | <p>HOWARD COUNTY, MARYLAND</p>  |  | <p>SDP-03-94</p>  |                                  |                           |                        |                                     |

### SEDIMENT CONTROL NOTES

1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (410) 313-1855
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERMETER SEDIMENT CONTROL STRUCTURES, DIKES AND PERMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS, SOIL, TEMPORARY STABILIZATION, WITH MULCH ALONE, CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

### SEQUENCE OF CONSTRUCTION

1. APPLY FOR GRADING PERMIT AND SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE INSPECTOR. OBTAIN GRADING PERMIT FROM THE INSPECTOR AT THE MEETING.
2. INSTALL INLET PROTECTIONS AND (FOR EACH LOT) INSTALL A STABILIZED CONSTRUCTION ENTRANCE, SILT FENCE AND SUPER SILT FENCE (WHERE APPLICABLE).
3. GRADE SITE FOR HOUSE CONSTRUCTION. PROVIDE DUST CONTROL AS NECESSARY.
4. ONCE AREA DRAINING TO SEDIMENT CONTROL MEASURES HAVE BEEN STABILIZED, OBTAIN PERMISSION FROM THE INSPECTOR TO REMOVE THE SEDIMENT CONTROL ITEMS.
5. OBTAIN INSPECTION FOR RELEASE OF SURETY (FOR GRADING AND LANDSCAPE).
6. OBTAIN USE AND OCCUPANCY PERMIT THEN FINALIZE SETTLEMENT.

### PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS DESIRED.

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED).

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES

- 1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FEET) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREA-FORM FERTILIZER (9 LBS/1000 SQ FT).
- 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE OF 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

### ENGINEER'S CERTIFICATE

I, John L. Roberts, 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 HOWARD COUNTY CONSERVATION DISTRICT.

DATE: 6/24/03

### BUILDER'S CERTIFICATE

I, John L. Roberts, certify that all development and/or 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 MARYLAND 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 TSSD.

DATE: 6/24/03

### TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED).

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND AUGUST 1 THRU OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ FT). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/1000 SQ FT). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOIL. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNWETTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 216 GALLONS PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

### APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

Director: Mark A. Coughlin Date: 7/15/03

Chief of Planning and Development: John H. Smith Date: 7/16/03

Chief, Development Engineering Division: John H. Smith Date: 7/16/03

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### STANDARD AND SPECIFICATIONS FOR TOPSOIL

DEFINITION  
PLACEMENT OF TOPSOIL OVER A PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION.

PURPOSE  
TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.

CONDITIONS WHERE PRACTICE APPLIES  
I. THIS PRACTICE IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPE WHERE:  
A. THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE GROWTH.  
B. THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLY OF MOISTURE AND PLANT NUTRIENTS.  
C. THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.  
D. THE SOIL IS SO AODIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.

CONSTRUCTION AND MATERIAL SPECIFICATIONS  
I. TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOIL TYPE CAN BE FOUND IN THE RESPECTIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-SOCS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION.  
II. TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:  
A. TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND, OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.  
B. TOPSOIL MUST BE FREE OF PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTCRACK, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.  
C. WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE IF 4-8 TONS/ACRE (200-400 POUNDS PER 1000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.  
III. FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES:  
A. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 2.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS (OR SEE SEEDING NOTES).  
1. PH FOR TOPSOIL SHALL BE BETWEEN 6.0 AND 7.5. IF THE TESTED SOIL DEMONSTRATES A PH OF LESS THAN 6.0, SUFFICIENT LIME SHALL BE PRESCRIBED TO RAISE THE PH TO 6.5 OR HIGHER.  
2. ORGANIC CONTENT OF TOPSOIL SHALL BE NOT LESS THAN 1.5 PERCENT BY WEIGHT.  
3. TOPSOIL HAVING SOLUBLE SALT GREATER THAN 500 PARTS PER MILL SHALL NOT BE USED.  
4. NO SOD OR SEED SHALL BE PLACED ON SOIL WHICH HAS BEEN WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHOTO-TOXIC MATERIALS.  
NOTE: TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF NATURAL TOPSOIL.  
B. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 2.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS (OR SEE SEEDING NOTES).  
IV. FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES:  
A. ON SOIL MEETING TOPSOIL SPECIFICATIONS, OBTAIN TEST RESULTS DICTATING FERTILIZER AND LIME AMENDMENTS REQUIRED TO BRING THE SOIL INTO COMPLIANCE WITH THE FOLLOWING:  
1. PH FOR TOPSOIL SHALL BE BETWEEN 6.0 AND 7.5. IF THE TESTED SOIL DEMONSTRATES A PH OF LESS THAN 6.0, SUFFICIENT LIME SHALL BE PRESCRIBED TO RAISE THE PH TO 6.5 OR HIGHER.  
2. ORGANIC CONTENT OF TOPSOIL SHALL BE NOT LESS THAN 1.5 PERCENT BY WEIGHT.  
3. TOPSOIL HAVING SOLUBLE SALT GREATER THAN 500 PARTS PER MILL SHALL NOT BE USED.  
4. NO SOD OR SEED SHALL BE PLACED ON SOIL WHICH HAS BEEN WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHOTO-TOXIC MATERIALS.  
NOTE: TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF NATURAL TOPSOIL.  
B. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 2.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS (OR SEE SEEDING NOTES).  
V. TOPSOIL APPLICATION  
A. WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSION, GRADE STABILIZATION STRUCTURES, EARTH DIKES, SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS.  
B. GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBERT 4"-8" HIGHER IN ELEVATION.  
C. TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4"-8" LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4". SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SOODING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER.  
D. TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDING PREPARATION.  
VI. ALTERNATIVE FOR PERMANENT SEEDING - INSTEAD OF APPLYING THE FULL AMOUNTS OF LIME AND COMMERCIAL FERTILIZER, COMPOSTED SLUDGE AND AMENDMENTS MAY BE APPLIED AS SPECIFIED BELOW.  
A. COMPOSTED SLUDGE MATERIAL FOR USE AS A SOIL CONDITIONER FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES SHALL BE TESTED TO PRESCRIBE AMENDMENTS AND FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:  
1. COMPOSTED SLUDGE SHALL BE SUPPLIED BY, OR ORIGINATE FROM, A PERSON OR PERSONS THAT ARE IDENTIFIED (AT THE TIME OF ACQUISITION OF THE COMPOST) BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT UNDER COMAR 26.04.06.  
2. COMPOSTED SLUDGE SHALL CONTAIN AT LEAST 1 PERCENT NITROGEN, 1.5 PERCENT PHOSPHORUS, AND 0.2 PERCENT POTASSIUM AND HAVE A PH OF 7.0 TO 8.0. IF COMPOST DOES NOT MEET THESE REQUIREMENTS, THE APPROPRIATE CONSTITUENTS MUST BE ADDED TO MEET THE REQUIREMENTS PRIOR TO USE.  
3. COMPOSTED SLUDGE SHALL BE APPLIED AT A RATE OF 1 TON/1000 SQUARE FEET.  
B. COMPOSTED SLUDGE SHALL BE AMENDED WITH A POTASSIUM FERTILIZER APPLIED AT A RATE OF 4LB/1000 SQUARE FEET, AND 1/3 THE NORMAL LIME APPLICATION RATE.  
REFERENCES: GUIDELINE SPECIFICATIONS, SOIL PREPARATION AND SOODING, MD-VA PUB. #1, COOPERATIVE EXTENSION SERVICE, UNIVERSITY OF MARYLAND AND VIRGINIA POLYTECHNIC INSTITUTES, REVISED 1973.

### SEDIMENT CONTROL NOTES

1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (410) 313-1855
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERMETER SEDIMENT CONTROL STRUCTURES, DIKES AND PERMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS, SOIL, TEMPORARY STABILIZATION, WITH MULCH ALONE, CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

### SEQUENCE OF CONSTRUCTION

1. APPLY FOR GRADING PERMIT AND SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE INSPECTOR. OBTAIN GRADING PERMIT FROM THE INSPECTOR AT THE MEETING.
2. INSTALL INLET PROTECTIONS AND (FOR EACH LOT) INSTALL A STABILIZED CONSTRUCTION ENTRANCE, SILT FENCE AND SUPER SILT FENCE (WHERE APPLICABLE).
3. GRADE SITE FOR HOUSE CONSTRUCTION. PROVIDE DUST CONTROL AS NECESSARY.
4. ONCE AREA DRAINING TO SEDIMENT CONTROL MEASURES HAVE BEEN STABILIZED, OBTAIN PERMISSION FROM THE INSPECTOR TO REMOVE THE SEDIMENT CONTROL ITEMS.
5. OBTAIN INSPECTION FOR RELEASE OF SURETY (FOR GRADING AND LANDSCAPE).
6. OBTAIN USE AND OCCUPANCY PERMIT THEN FINALIZE SETTLEMENT.

### PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS DESIRED.

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED).

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES

- 1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FEET) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREA-FORM FERTILIZER (9 LBS/1000 SQ FT).
- 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE OF 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

### ENGINEER'S CERTIFICATE

I, John L. Roberts, 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 HOWARD COUNTY CONSERVATION DISTRICT.

DATE: 6/24/03

### BUILDER'S CERTIFICATE

I, John L. Roberts, certify that all development and/or 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 MARYLAND 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 TSSD.

DATE: 6/24/03

### TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED).

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND AUGUST 1 THRU OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ FT). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/1000 SQ FT). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOIL. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

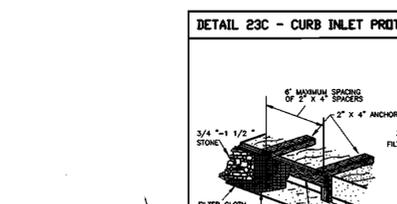
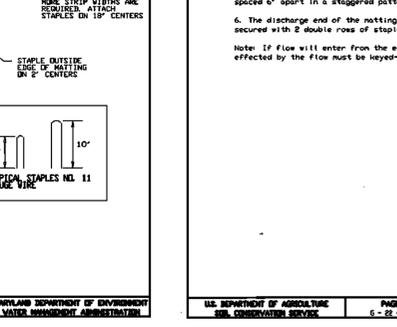
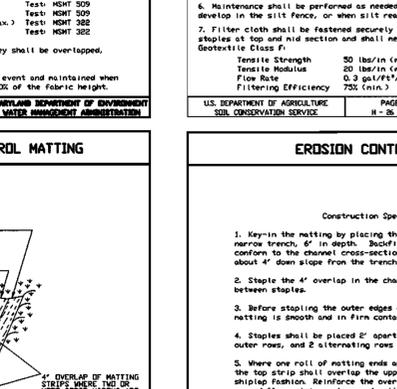
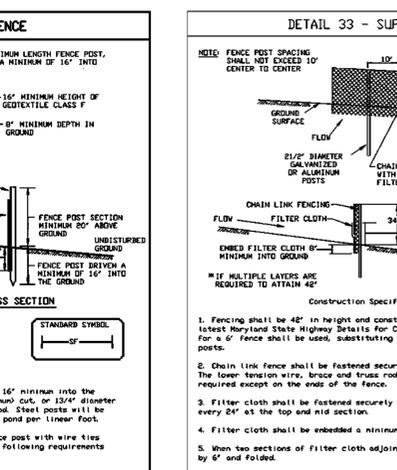
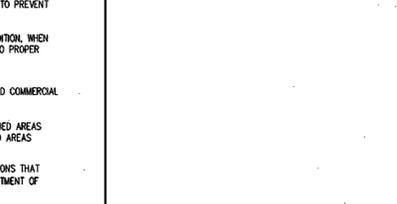
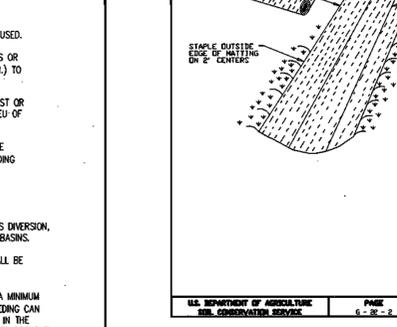
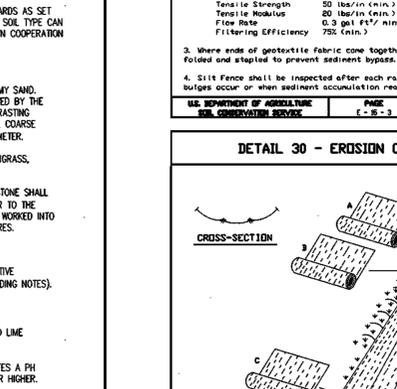
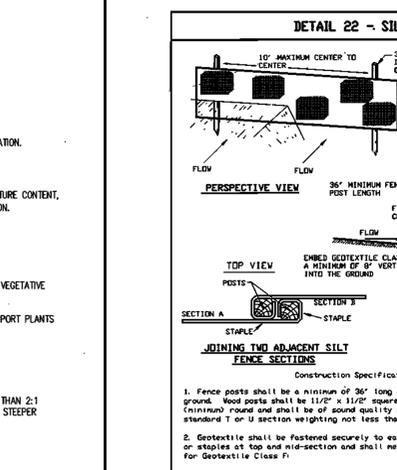
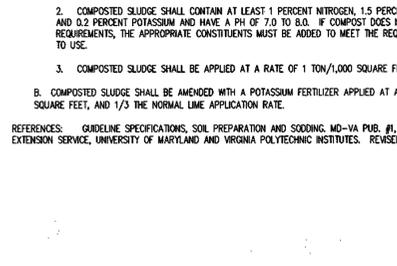
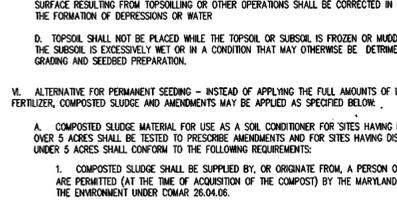
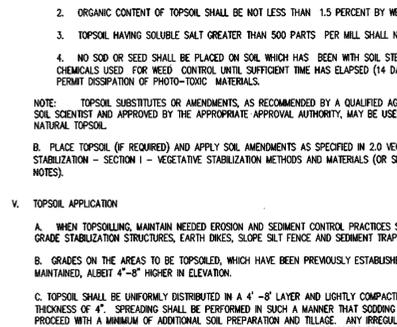
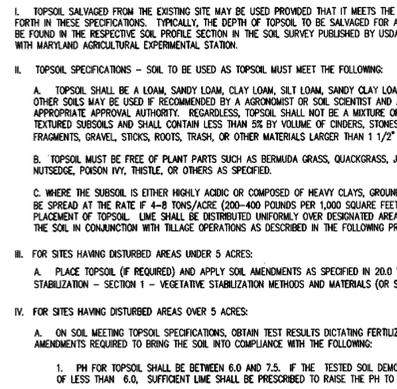
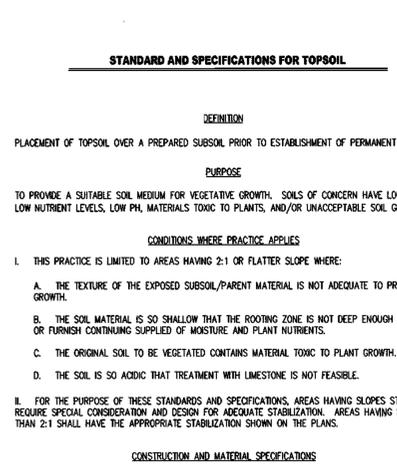
MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNWETTED, WEED-FREE, SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 216 GALLONS PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

### APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

Director: Mark A. Coughlin Date: 7/15/03

Chief of Planning and Development: John H. Smith Date: 7/16/03

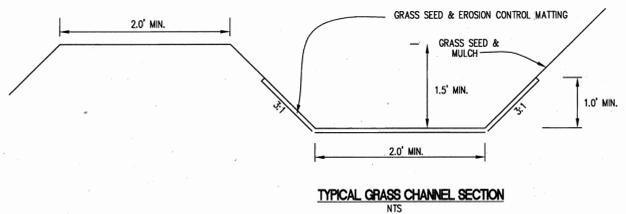
Chief, Development Engineering Division: John H. Smith Date: 7/16/03



**NOTES:**

1. LOTS 97-114 ARE "ZERO LOT LINE" (ZLL) AND HAVE NO SIDEYARD SETBACKS PER F-01-204; HOWEVER, THE DISTANCE BETWEEN ADJACENT BUILDINGS MUST BE A MINIMUM OF 15 FEET.
2. ALL WHC TO LOTS 97-114 ARE 1" PER CONTRACT #34-3948-D. THE WATER METER FOR EACH HOUSE SHALL BE LOCATED INSIDE THE BUILDING.
3. SEE SHEET J FOR MORE INFORMATION ON BUILDING FOOTPRINTS & ELEVATIONS; PAVING SECTIONS AND GARDEN WALLS. FOR THE RECORDED PRIVATE MAINTENANCE AGREEMENT REGARDING THE GARDEN WALLS SEE ARTICLE 13 OF THE STONE LAKE COMMUNITY ASSOCIATION, INC. CONSTITUTION RECORDED AT L. 6019 F.414-465.
4. SEWER HOUSE CONNECTIONS TO LOTS 97-114 ARE PER CONTRACT #34-3948-D AS SUMMARIZED BELOW:

| LOT | SIZE | INVERT @ R.O.W. |
|-----|------|-----------------|
| 97  | 4"   | 313.90          |
| 98  | 4"   | 314.76          |
| 99  | 4"   | 315.77          |
| 100 | 4"   | 316.77          |
| 101 | 4"   | 317.91          |
| 102 | 4"   | 317.67          |
| 103 | 4"   | 317.89          |
| 104 | 4"   | 318.11          |
| 105 | 4"   | 318.33          |
| 106 | 4"   | 318.59          |
| 107 | 4"   | 318.69          |
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| 111 | 4"   | 317.88          |
| 112 | 4"   | 316.28          |
| 113 | 4"   | 315.20          |
| 114 | 4"   | 314.29          |



**SITE DEVELOPMENT PLAN LEGEND**

- 600 --- EXISTING CONTOUR
- 600 PROPOSED CONTOUR
- + 36800x EXISTING SPOT ELEV.
- + 36800 + 36800p PROPOSED SPOT ELEV. (HP-HIGH PT.)
- ..... LIMIT OF GRADING DISTURBANCE (LOD)
- - - - - EXISTING CURB & GUTTER
- WETLANDS
- WB 25' WETLAND BUFFER
- 6" W WATER HOUSE CONNECTION (WHC, DASHED LINE)
- WATER LINE (PUBLIC = SOLID LINE)
- EX. FH FIRE HYDRANT
- EXISTING UTILITY/LIGHT POLE
- TRANSFORMER PAD
- FENCE LINE
- FOREST CONSERVATION ESM. (FCE) PER F-03-101
- EXISTING STORM DRAIN
- EX. S.S. EXISTING SEWER MAIN (DASHED LINE)
- SEWER HOUSE CONNECTION (SHC, SOLID LINE)
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FTE = FINISHED FLOOR ELEVATION  
BSE = BASEMENT SLAB ELEVATION  
MCE = MINIMUM CELLAR ELEVATION  
GAR = GARAGE (F=FRONT; B=BACK)
- GARDEN WALL



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*Mark A. Wright* 7/15/03  
Director Date

*Andrzej Homan* 7/15/03  
Chief, Division of Land Development Date

*Paul Demaree* 7/15/03  
Chief, Development Engineering Division Date



**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 20866  
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

CADDRAWINGS\02103\SDP\SDP2.dwg DES. DRN. CHK.

| DATE     | REVISION                  | BY | APP'R |
|----------|---------------------------|----|-------|
| 4.2.2003 | Rev. Grading Lots 100-111 |    |       |

PREPARED FOR:

OWNER/DEVELOPER: STONE LAKE CORPORATION  
C/O H.R.D. CORPORATION  
10275 LITTLE PATRIOT PKWY.  
COLUMBIA, MARYLAND 21044  
PH: 410-992-6034

BUILDER/CONTRACT PURCHASER: CHURCHILL GROUP  
5 CHERRY ROAD, SUITE 360  
ROCKVILLE, MARYLAND 20850  
ATTN: ERIC R. TOWAR  
PH: (240) 243-1000

**SITE DEVELOPMENT PLAN**

**STONE LAKE LOTS 97 THRU 114**  
(SINGLE FAMILY DETACHED DWELLINGS)  
PLATS 15536 & 15537

ELECTION DISTRICT No. 6

HOWARD COUNTY, MARYLAND

| SCALE      | ZONING         | G. L. W. FILE NO. |
|------------|----------------|-------------------|
| 1" = 30'   | R-ED           | 02-103            |
| DATE       | TAX MAP - GRID | SHEET             |
| 25/JUNE/03 | 47 - 7         | 2 OF 7            |

**ENGINEER'S CERTIFICATE**

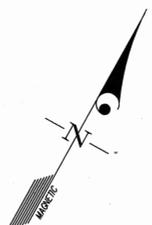
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*CKJ* 6/24/03  
DATE

**DEVELOPER'S/BUILDER'S CERTIFICATE**

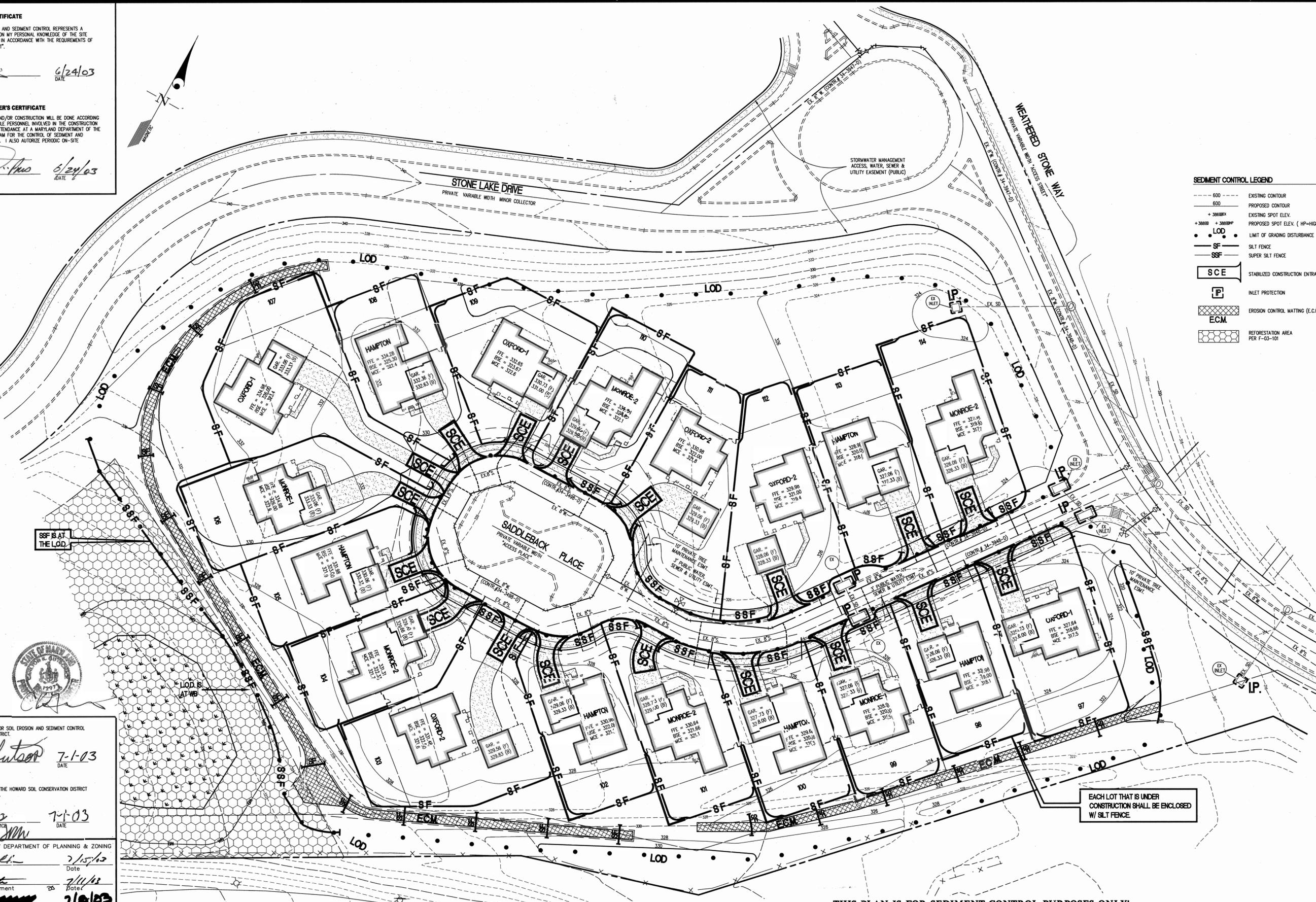
I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

*John K. Roberts* 6/24/03  
SIGNATURE OF DEVELOPER/BUILDER DATE



**SEDIMENT CONTROL LEGEND**

- E00 --- EXISTING CONTOUR
- G00 --- PROPOSED CONTOUR
- + 36800X EXISTING SPOT ELEV.
- + 36800PP PROPOSED SPOT ELEV. (HP=HIGH PT.)
- LOD • LIMIT OF GRADING DISTURBANCE
- SF — SILT FENCE
- SSF — SUPER SILT FENCE
- [SCE] STABILIZED CONSTRUCTION ENTRANCE
- [P] INLET PROTECTION
- [ECM] EROSION CONTROL MATTING (E.C.M.)
- [REFORESTATION] REFORESTATION AREA PER F-03-101



THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*John K. Roberts* 7-1-03  
HOWARD S.C.D. DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.

*Jim Myers* 7-1-03  
NATURAL RESOURCES CONSERVATION SERVICE DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*Benita D. Legli* 7/15/03  
Director Date

*Cheryl H. Hester* 7/16/03  
Chief, Department of Land Development Date

*David M. ...* 7/16/03  
Chief, Development Engineering Division Date

**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
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| DATE    | REVISION                 | BY | APP'R |
|---------|--------------------------|----|-------|
| 4.17.04 | Rev Grading Lots 109-111 |    |       |

OWNER/DEVELOPER: STONE LAKE CORPORATION  
C/O HOWARD CORPORATION  
10275 LITTLE PATUXENT PKWY.  
COLUMBIA, MARYLAND 21044  
PH: 410-992-8034

BUILDER/CONTRACT PURCHASER: CHURCHILL GROUP  
5 CHOKE CHERRY ROAD, SUITE 360  
ROCKVILLE, MARYLAND 20850  
ATTN: ERIC R. TOVAR  
PH: (240) 243-1000

**SEDIMENT CONTROL PLAN**

**STONE LAKE LOTS 97 THRU 114**  
(SINGLE FAMILY DETACHED DWELLINGS)  
PLATS 15536 & 15537

ELECTION DISTRICT No. 6

HOWARD COUNTY, MARYLAND

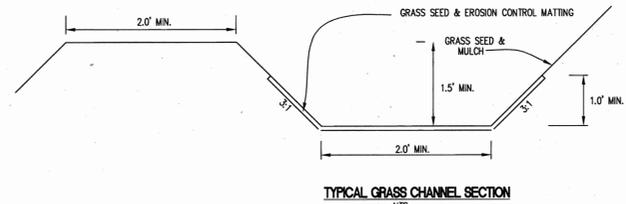
| SCALE      | ZONING         | G. L. W. FILE No. |
|------------|----------------|-------------------|
| 1" = 30'   | R-ED           | 02-103            |
| DATE       | TAX MAP - GRID | SHEET             |
| 25/JUNE/03 | 47 - 7         | 6 OF 7            |

**NOTES:**

1. LOTS 97-114 ARE "ZERO LOT LINE" (ZLL) AND HAVE NO SIDEYARD SETBACKS PER F-01-204; HOWEVER, THE DISTANCE BETWEEN ADJACENT BUILDINGS MUST BE A MINIMUM OF 15 FEET.
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3. SEE SHEET 3 FOR MORE INFORMATION ON BUILDING FOOTPRINTS & ELEVATIONS; PAVING SECTIONS AND GARDEN WALLS. FOR THE RECORDED PRIVATE MAINTENANCE AGREEMENT REGARDING THE GARDEN WALLS SEE ARTICLE 13 OF THE STONE LAKE COMMUNITY ASSOCIATION, INC. CONSTITUTION RECORDED AT L. 6019 F.414-465.
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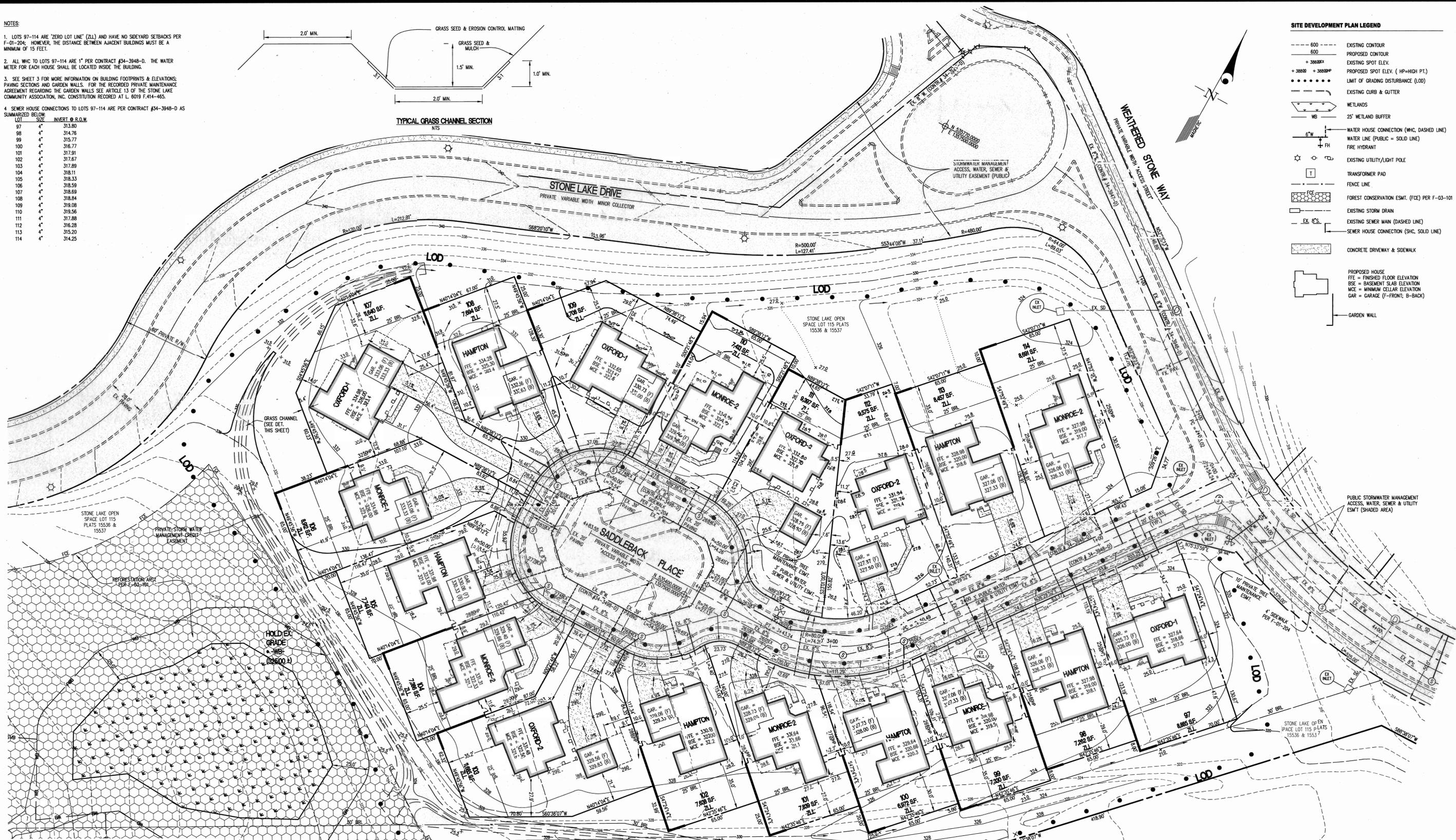
**SUMMARIZED BELOW:**

| LOT | SIZE | INVERT @ R.O.W. |
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| 113 | 4"   | 315.20          |
| 114 | 4"   | 314.29          |



**SITE DEVELOPMENT PLAN LEGEND**

- 600 --- EXISTING CONTOUR
- 600 --- PROPOSED CONTOUR
- + 36800x EXISTING SPOT ELEV.
- + 36800 + 36800x PROPOSED SPOT ELEV. (HP-HIGH PT.)
- ..... LIMIT OF GRADING DISTURBANCE (LOD)
- - - - - EXISTING CURB & GUTTER
- WETLANDS
- WB 25' WETLAND BUFFER
- WATER HOUSE CONNECTION (WHC, DASHED LINE)
- WATER LINE (PUBLIC = SOLID LINE)
- FIRE HYDRANT
- EXISTING UTILITY/LIGHT POLE
- TRANSFORMER PAD
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- FOREST CONSERVATION ESMIT. (FCE) PER F-03-101
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- MCE = MINIMUM CELLAR ELEVATION
- GAR = GARAGE (F=FRONT; B=BACK)
- GARDEN WALL



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*Mark A. Coughlin* Director Date: 7/15/03

*Andriana* Chief, Division of Land Development Date: 7/15/03

*Chris Demaree* Chief, Development Engineering Division Date: 7/16/03



**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
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 BURTONSVILLE, MARYLAND 20866  
 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

| DATE    | REVISION                      | BY | APP'R. |
|---------|-------------------------------|----|--------|
| 3-27-04 | REV GRADING... LOTS 111 & 112 |    |        |
| 4-2-04  | Rev. Grading Lots 100-111     |    |        |

PREPARED FOR:

OWNER/DEVELOPER: STONE LAKE CORPORATION  
 C/O H.R.D. CORPORATION  
 10275 LITTLE PATENT PKWY.  
 COLUMBIA, MARYLAND 21044  
 PH: 410-992-8034

BUILDER/CONTRACT PURCHASER:  
 CHURCHILL GROUP  
 5 CHOKE CHERRY ROAD, SUITE 360  
 ROCKVILLE, MARYLAND 20850  
 ATTN: ERIC R. TOVAR  
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**SITE DEVELOPMENT PLAN**

**STONE LAKE LOTS 97 THRU 114**  
 (SINGLE FAMILY DETACHED DWELLINGS)  
 PLATS 15536 & 15537

ELECTION DISTRICT No. 6

HOWARD COUNTY, MARYLAND

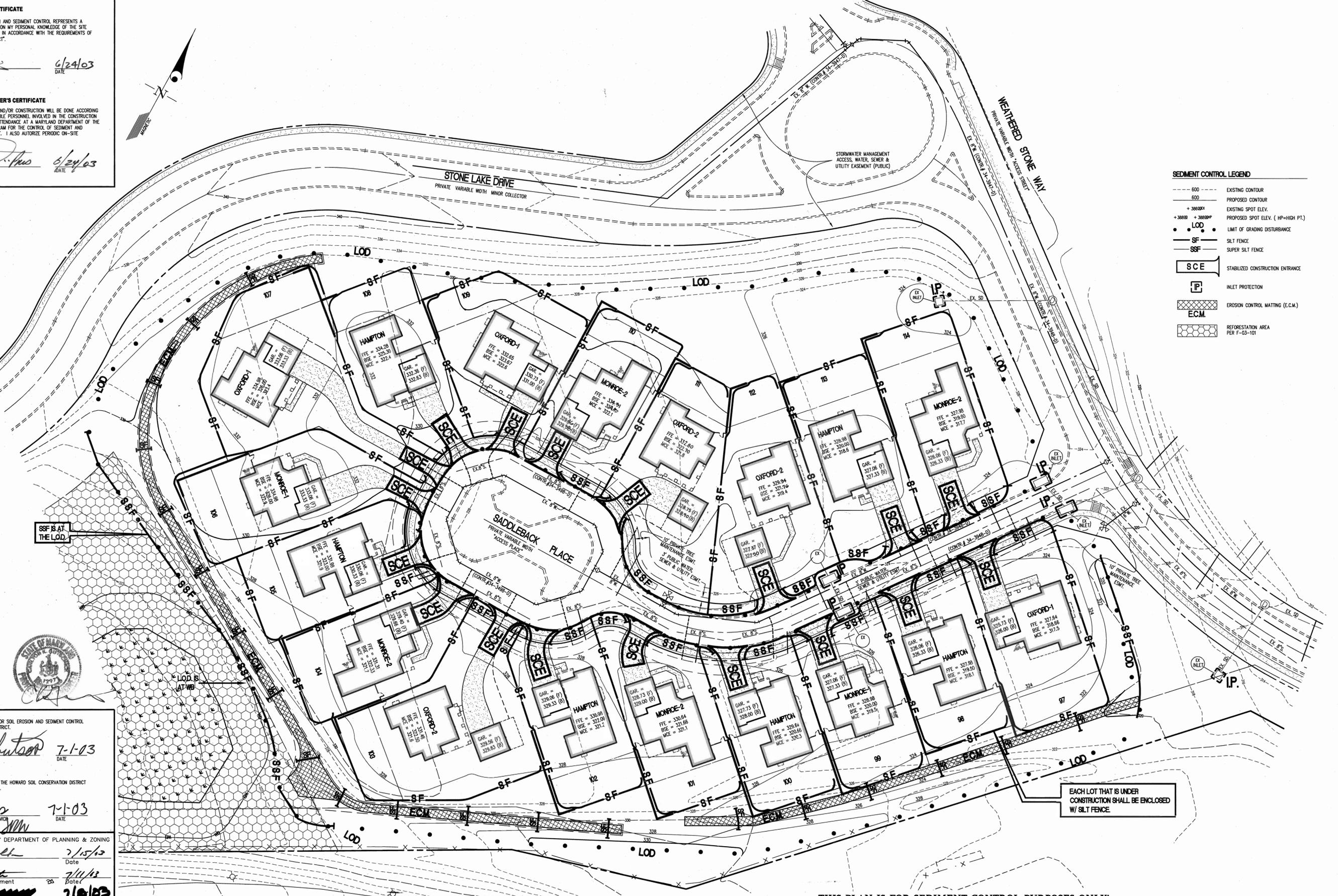
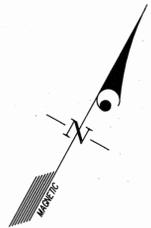
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**ENGINEER'S CERTIFICATE**  
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*CKJ* 6/24/03  
 DATE

**DEVELOPER'S/BUILDER'S CERTIFICATE**  
 I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR 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 MARYLAND 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 HSCD.

*Jim Myers* 6/24/03  
 SIGNATURE OF DEVELOPER/BUILDER DATE



- SEDIMENT CONTROL LEGEND**
- 600 --- EXISTING CONTOUR
  - 600 --- PROPOSED CONTOUR
  - + 38800\* EXISTING SPOT ELEV.
  - + 38800\* + 38800\* PROPOSED SPOT ELEV. (HP=HIGH PT.)
  - LOD LIMIT OF GRADING DISTURBANCE
  - SF — SILT FENCE
  - SSF — SUPER SILT FENCE
  - [SCE] STABILIZED CONSTRUCTION ENTRANCE
  - [IP] INLET PROTECTION
  - [ECM] EROSION CONTROL MATTING (E.C.M.)
  - [REFORESTATION] REFORESTATION AREA PER F-03-101



THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*John K. Robertson* 7-1-03  
 HOWARD S.C.D. DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.

*Jim Myers* 7-1-03  
 NATURAL RESOURCES CONSERVATION SERVICE DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
*Paula D. Leight* 7/15/03  
 Director Date

*Cathy Harman* 7/11/03  
 Chief, Planning and Development Date

*John K. Robertson* 7/10/03  
 Chief, Development Engineering Division Date

EACH LOT THAT IS UNDER CONSTRUCTION SHALL BE ENCLOSED W/ SILT FENCE.

THIS PLAN IS FOR SEDIMENT CONTROL PURPOSES ONLY!

**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
 BURTONSVILLE, MARYLAND 20866  
 TEL: 301-421-4024 FAX: 301-421-4186  
 CADD\DRAWINGS\02103\SDP\SDP6.dwg

| DATE    | REVISION                    | BY | APPR. |
|---------|-----------------------------|----|-------|
| 9-27-04 | REV. GRADING LOTS 111 & 112 |    |       |
| 4-23-04 | Rev. Grading Lots 109-111   |    |       |

**PREPARED FOR:**  
 OWNER/DEVELOPER: STONE LAKE CORPORATION  
 C/O H.R.D. CORPORATION  
 10275 LITTLE PATUXENT PKWY.  
 COLUMBIA, MARYLAND 21044  
 PH: 410-992-8034

**BUILDER/CONTRACT PURCHASER:**  
 CHURCHILL GROUP  
 5 CHOE CHERRY ROAD, SUITE 360  
 ROCKVILLE, MARYLAND 20850  
 ATTN: ERIC R. TOVAR  
 PH: (240) 243-1000

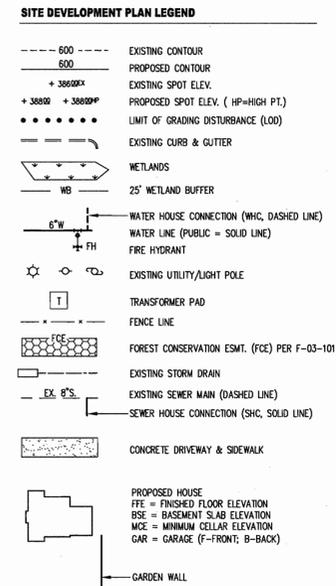
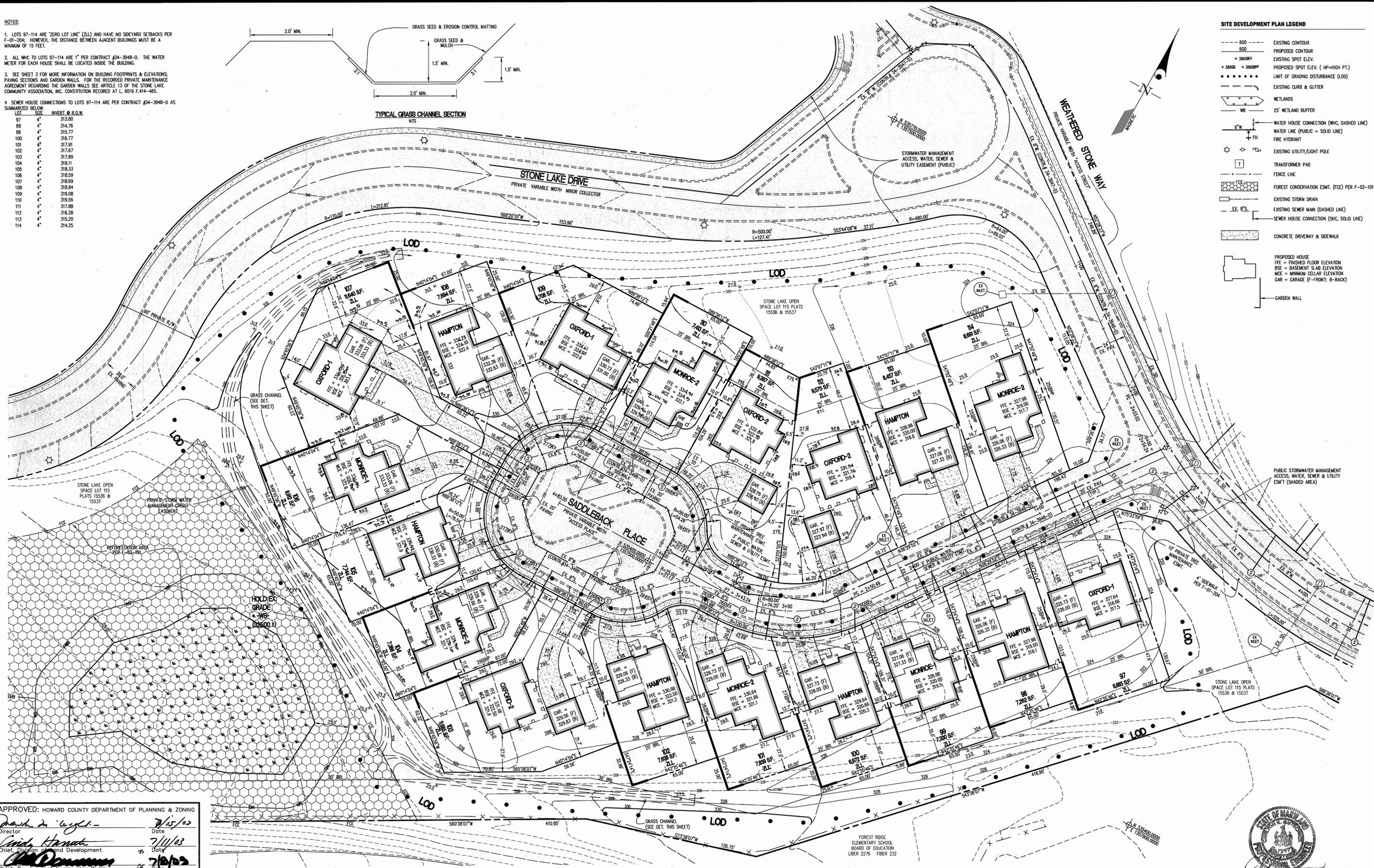
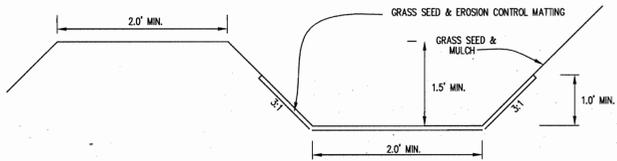
**SEDIMENT CONTROL PLAN**  
**STONE LAKE LOTS 97 THRU 114**  
 (SINGLE FAMILY DETACHED DWELLINGS)  
 PLATS 15536 & 15537  
 ELECTION DISTRICT No. 6

| SCALE      | ZONING         | G. L. W. FILE No. |
|------------|----------------|-------------------|
| 1" = 30'   | R-ED           | 02-103            |
| DATE       | TAX MAP - GRID | SHEET             |
| 25/JUNE/03 | 47 - 7         | 6 OF 7            |

**NOTES:**

- LOTS 97-114 ARE "ZERO LOT LINE" (ZLL) AND HAVE NO SIDEYARD SETBACKS PER F-01-204; HOWEVER, THE DISTANCE BETWEEN ADJACENT BUILDINGS MUST BE A MINIMUM OF 15 FEET.
- ALL WHO TO LOTS 97-114 ARE 1" PER CONTRACT #34-3948-D. THE WATER METER FOR EACH HOUSE SHALL BE LOCATED INSIDE THE BUILDING.
- SEE SHEET 3 FOR MORE INFORMATION ON BUILDING FOOTPRINTS & ELEVATIONS, PAVING SECTIONS AND GARDEN WALLS. FOR THE RECORDED PRIVATE MAINTENANCE AGREEMENT REGARDING THE GARDEN WALLS SEE ARTICLE 13 OF THE STONE LAKE COMMUNITY ASSOCIATION, INC. CONSTITUTION RECORDED AT L. 6019 F.414-465.
- SEWER HOUSE CONNECTIONS TO LOTS 97-114 ARE PER CONTRACT #34-3948-D AS SUMMARIZED BELOW:

| LOT | SIZE | INVERT @ R.O.W. |
|-----|------|-----------------|
| 97  | 4"   | 313.80          |
| 98  | 4"   | 314.76          |
| 99  | 4"   | 315.77          |
| 100 | 4"   | 316.77          |
| 101 | 4"   | 317.91          |
| 102 | 4"   | 317.67          |
| 103 | 4"   | 317.89          |
| 104 | 4"   | 318.11          |
| 105 | 4"   | 318.33          |
| 106 | 4"   | 318.59          |
| 107 | 4"   | 318.69          |
| 108 | 4"   | 318.84          |
| 109 | 4"   | 319.08          |
| 110 | 4"   | 319.55          |
| 111 | 4"   | 317.88          |
| 112 | 4"   | 316.28          |
| 113 | 4"   | 315.20          |
| 114 | 4"   | 314.25          |



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*David A. Wright* 7/15/03  
Director Date

*David Hanak* 7/11/03  
Chief, Division of Land Development Date

*David Domann* 7/16/03  
Chief, Development Engineering Division Date



**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 20866  
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-988-2524 FAX: 301-421-4186

| DATE    | REVISION                      | BY | APP'R. |
|---------|-------------------------------|----|--------|
| 7-21-04 | REV. GRADING - LOTS 100-111   |    |        |
| 7-21-04 | REV. GRADING - LOTS 111 & 112 |    |        |
| 7-21-04 | REV. GRADING LOTS 100-111     |    |        |

**OWNER/DEVELOPER:**  
STONE LAKE CORPORATION  
C/O H.R.D. CORPORATION  
10275 LITTLE PATENT PKWY.  
COLUMBIA, MARYLAND 21044  
PH: 410-992-6034

**BUILDER/CONTRACT PURCHASER:**  
CHURCHILL GROUP  
5 ONIK CHERRY ROAD, SUITE 360  
ROCKVILLE, MARYLAND 20850  
ATTN: ERIC R. TOVAR  
PH: (240) 243-1000

**SITE DEVELOPMENT PLAN**

**STONE LAKE LOTS 97 THRU 114**  
(SINGLE FAMILY DETACHED DWELLINGS)  
PLATS 15536 & 15537

ELECTION DISTRICT No. 6

HOWARD COUNTY, MARYLAND

| SCALE      | ZONING         | G. L. W. FILE No. |
|------------|----------------|-------------------|
| 1" = 30'   | R-ED           | 02-103            |
| DATE       | TAX MAP - GRID | SHEET             |
| 25/JUNE/03 | 47-7           | 2 OF 7            |

**ENGINEER'S CERTIFICATE**

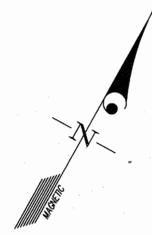
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*CKJ* 6/24/03  
DATE

**DEVELOPER'S/BUILDER'S CERTIFICATE**

I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR 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 MARYLAND 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 HSCD.

*Jim Meyer* 6/24/03  
SIGNATURE OF DEVELOPER/BUILDER DATE



- SEDIMENT CONTROL LEGEND**
- EXISTING CONTOUR
  - PROPOSED CONTOUR
  - + 38600P EXISTING SPOT ELEV.
  - + 38600P PROPOSED SPOT ELEV. (HP=HIGH PT.)
  - LOD LIMIT OF GRADING DISTURBANCE
  - SF SILT FENCE
  - SSF SUPER SILT FENCE
  - SCE STABILIZED CONSTRUCTION ENTRANCE
  - IP INLET PROTECTION
  - ECM EROSION CONTROL MATING (E.C.M.)
  - RF REFORESTATION AREA PER F-03-101



THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*John K. Robertson* 7-1-03  
HOWARD S.C.D. DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.

*Jim Meyer* 7-1-03  
NATURAL RESOURCES CONSERVATION SERVICE DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*Mark D. Vogel* 7/15/03  
Director Date

*Cindy Hamer* 7/11/03  
Chief, Department of Land Development Date

*John K. Robertson* 7/10/03  
Chief, Development Engineering Division Date

**GLW GUTSCHICK LITTLE & WEBER, P.A.**

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 20866  
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4188

| DATE    | REVISION                   | BY | APP'R. |
|---------|----------------------------|----|--------|
| 6-28-04 | Rev Grading Lots 103-111   |    |        |
| 5-21-04 | REV GRADING LOTS 111 & 112 |    |        |
| 4-13-04 | Rev Grading Lots 109-111   |    |        |

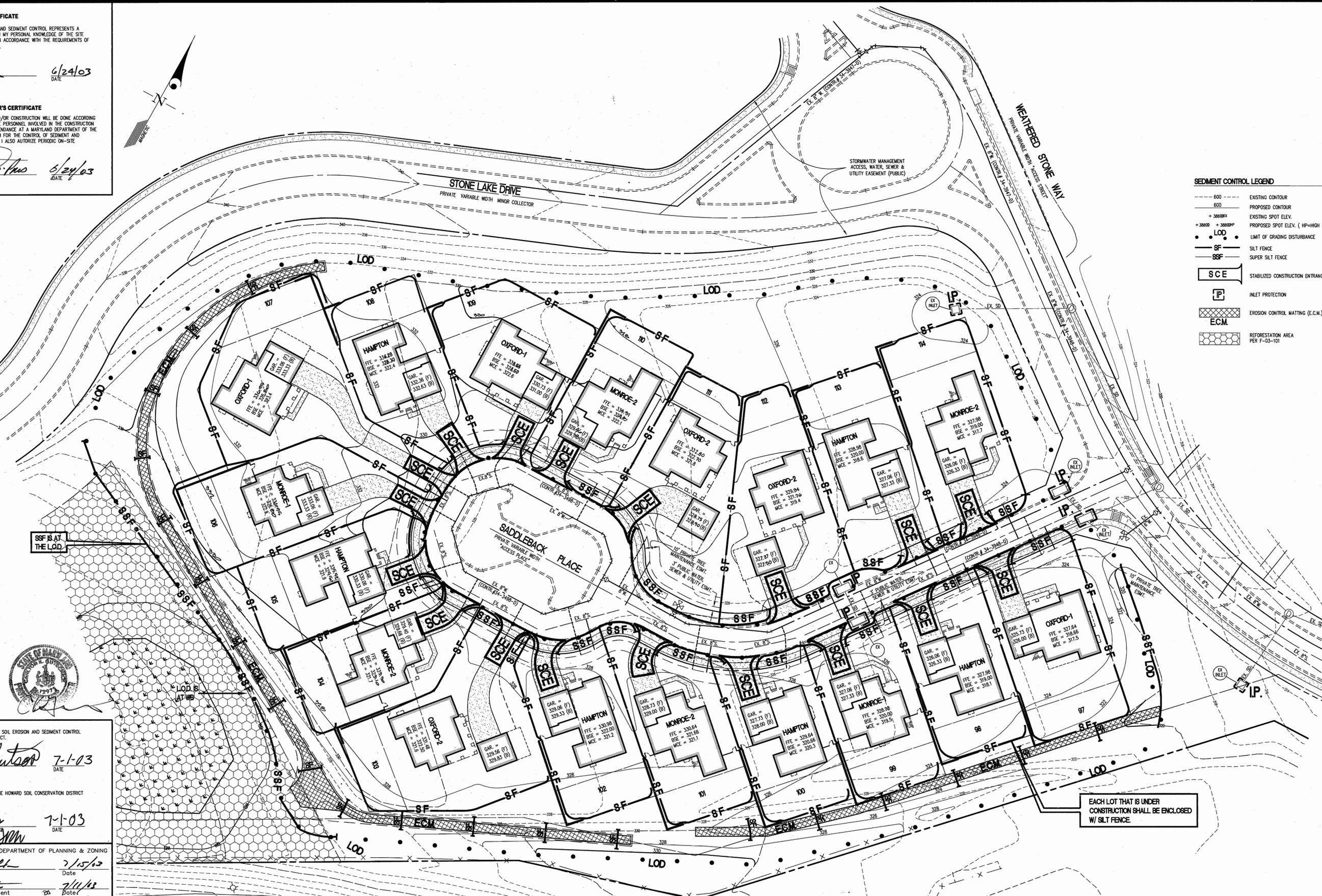
| OWNER/DEVELOPER:  | BUILDER/CONTRACT PURCHASER:   |
|---|---|
| STONE LAKE CORPORATION<br>C/O H.R.D. CORPORATION<br>10275 LITTLE PATENT PKWY.<br>COLUMBIA, MARYLAND 21044<br>PH: 410-992-6034 | CHURCHILL GROUP<br>5 CRANE CHERRY ROAD, SUITE 360<br>ROCKVILLE, MARYLAND 20850<br>ATTN: ERIC R. TOVAR<br>PH: (240) 243-1000 |

| SEDIMENT CONTROL PLAN   |                          |                             |
|---|--------------------------|-----------------------------|
| <b>STONE LAKE LOTS 97 THRU 114</b><br>(SINGLE FAMILY DETACHED DWELLINGS)<br>PLATS 15536 & 15537 |                          |                             |
| SCALE<br>1" = 30'   | ZONING<br>R-ED           | G. L. W. FILE No.<br>02-103 |
| DATE<br>25/JUNE/03  | TAX MAP - GRID<br>47 - 7 | SHEET<br>6 OF 7             |

| SCALE      | ZONING         | G. L. W. FILE No. |
|------------|----------------|-------------------|
| 1" = 30'   | R-ED           | 02-103            |
| DATE       | TAX MAP - GRID | SHEET             |
| 25/JUNE/03 | 47 - 7         | 6 OF 7            |

THIS PLAN IS FOR SEDIMENT CONTROL PURPOSES ONLY!

EACH LOT THAT IS UNDER CONSTRUCTION SHALL BE ENCLOSED W/ SILT FENCE.

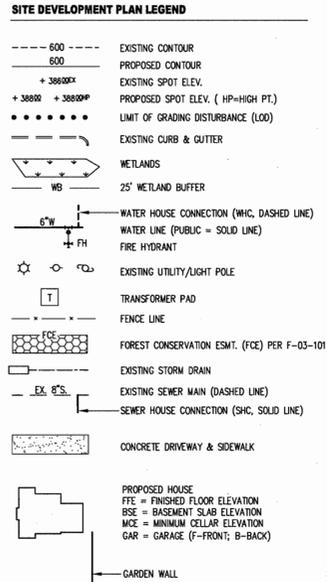
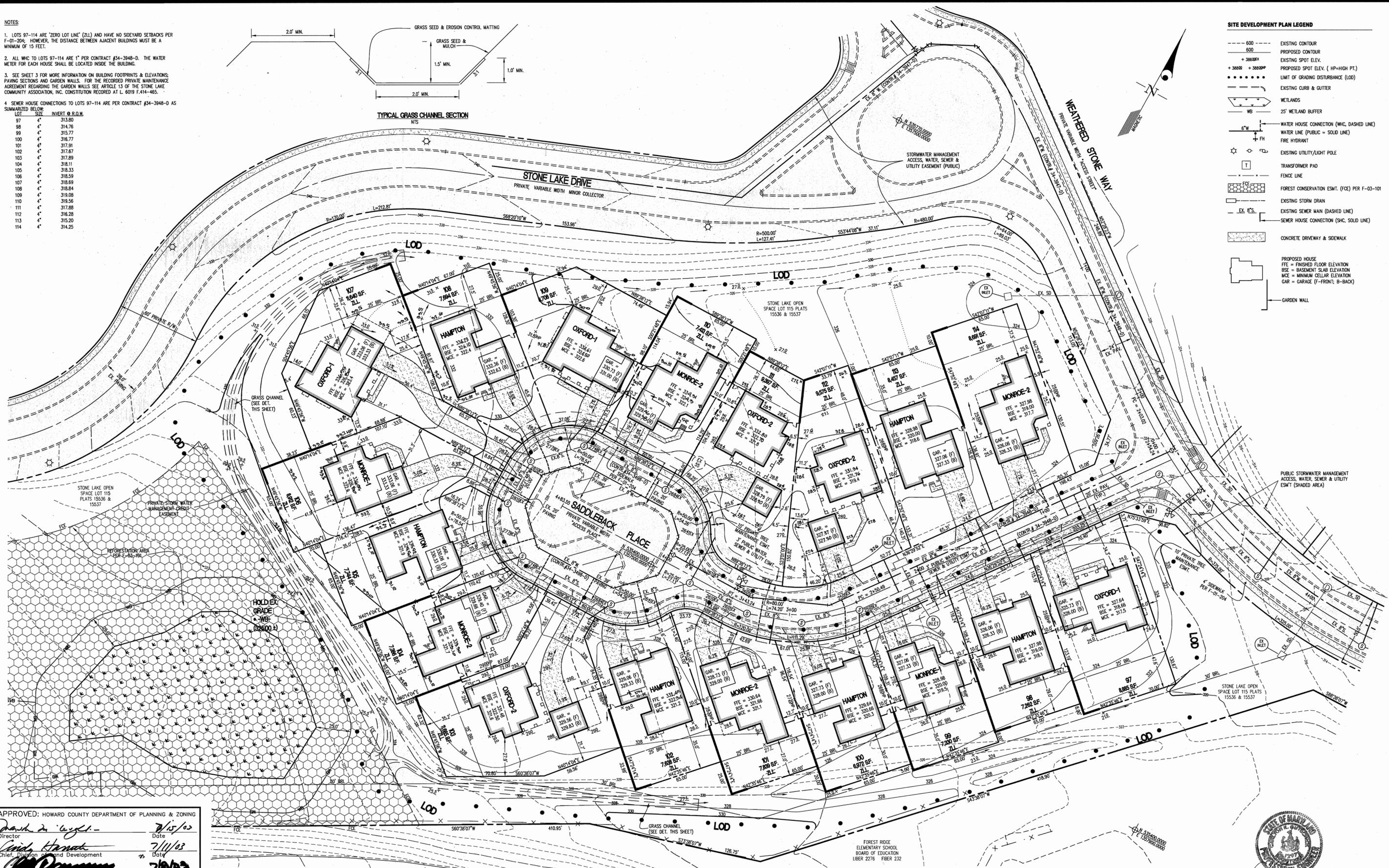
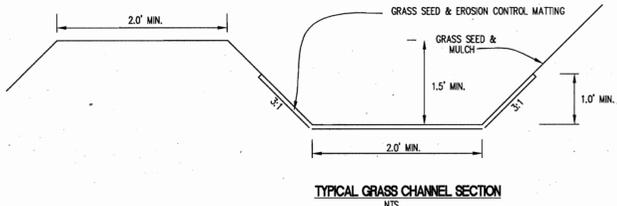


**NOTES:**

- LOTS 97-114 ARE "ZERO LOT LINE" (ZLL) AND HAVE NO SIDEYARD SETBACKS PER F-01-204. HOWEVER, THE DISTANCE BETWEEN ADJACENT BUILDINGS MUST BE A MINIMUM OF 15 FEET.
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- SEWER HOUSE CONNECTIONS TO LOTS 97-114 ARE PER CONTRACT #34-3948-D AS SUMMARIZED BELOW:

LOT SIZE INVERT @ R.O.W.

|     |    |        |
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| 113 | 4" | 315.20 |
| 114 | 4" | 314.25 |



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*David A. Gault* 7/15/03  
Director Date

*Andy Hanak* 7/11/03  
Chief, Division of Land Development Date

*Chris Demaree* 7/10/03  
Chief, Development Engineering Division Date

**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
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TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

| DATE    | REVISION                     | BY | APP'R. |
|---------|------------------------------|----|--------|
| 7.30.04 | Rev. Floor Elev. (10+102)    |    |        |
| 6.28.04 | Rev. Grading on Lots 102-111 |    |        |
| 5.27.04 | REV. GRADING LOTS 111 & 112  |    |        |
| 4.2.04  | Rev. Grading Lots 102-111    |    |        |

OWNER/DEVELOPER: STONE LAKE CORPORATION  
C/O H.R.D. CORPORATION  
10275 LITTLE PATENT PKWY.  
COLUMBIA, MARYLAND 21044  
PH: 410-992-6034

BUILDER/CONTRACT PURCHASER: CHURCHILL GROUP  
5 CHICK CHERRY ROAD, SUITE 360  
ROCKVILLE, MARYLAND 20850  
ATtn: ERIC R. TOVAR  
PH: (240) 243-1000

**SITE DEVELOPMENT PLAN**  
**STONE LAKE LOTS 97 THRU 114**  
(SINGLE FAMILY DETACHED DWELLINGS)  
PLATS 15536 & 15537

SCALE: 1" = 30'  
ZONING: R-ED  
DATE: 25/JUNE/03  
TAX MAP - GRID: 47-7  
SHEET: 2 OF 7

ELECTION DISTRICT No. 6  
HOWARD COUNTY, MARYLAND

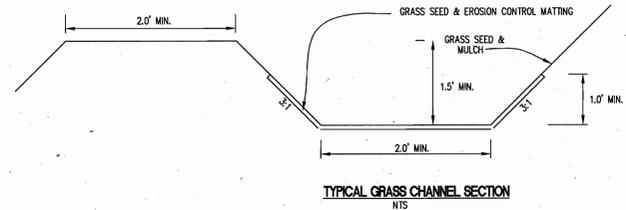


**NOTES**

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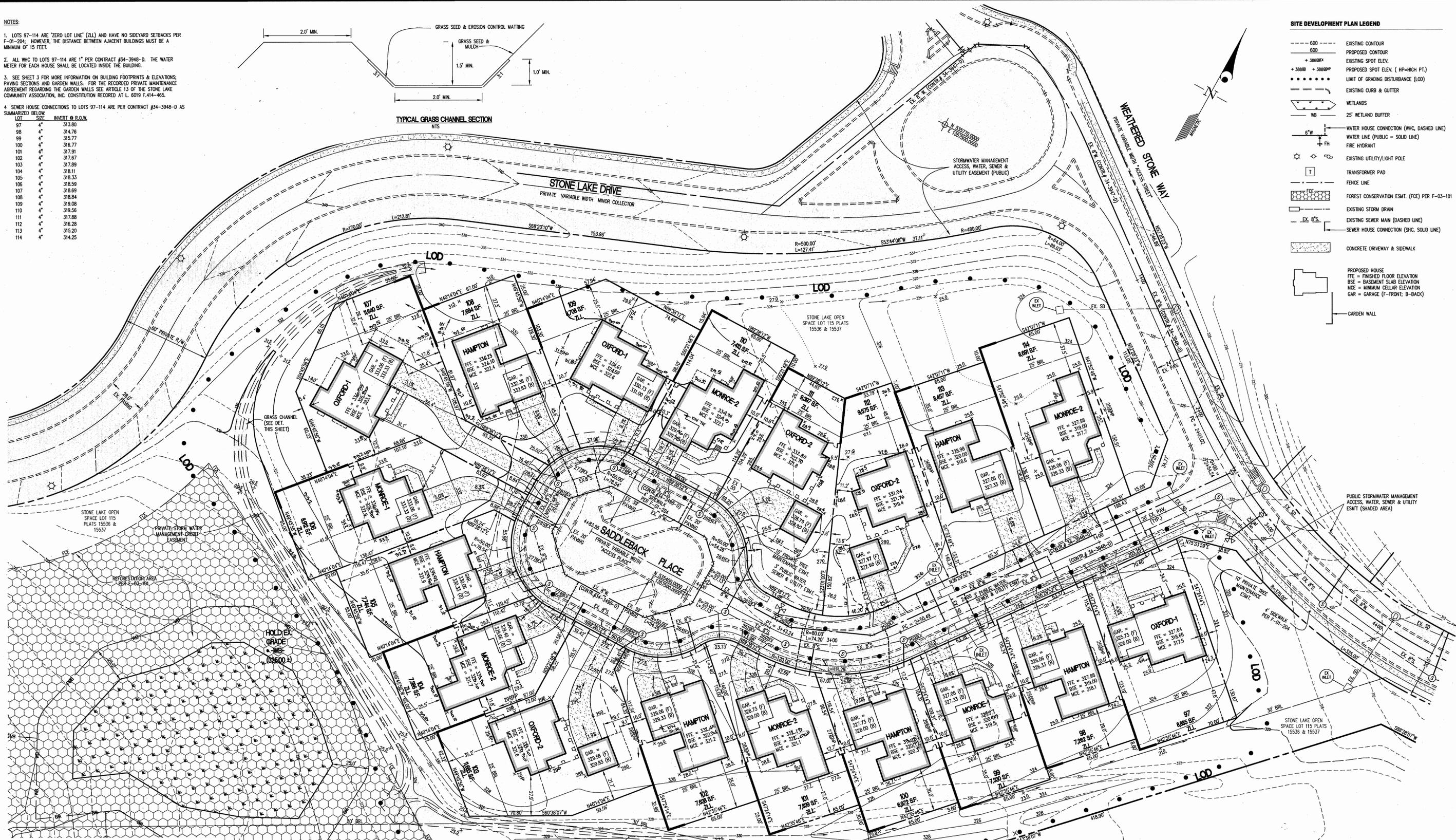
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| 112 | 4"   | 316.28          |
| 113 | 4"   | 315.20          |
| 114 | 4"   | 314.25          |



**SITE DEVELOPMENT PLAN LEGEND**

- 600 --- EXISTING CONTOUR
- 600 --- PROPOSED CONTOUR
- 388.00' • EXISTING SPOT ELEV.
- 388.00' • 388.00' • PROPOSED SPOT ELEV. (HP-HIGH PT.)
- • • • • LIMIT OF GRADING DISTURBANCE (LOD)
- EXISTING CURB & GUTTER
- METLANDS
- 25' METLAND BUFFER
- WATER HOUSE CONNECTION (WHC, DASHED LINE)
- WATER LINE (PUBLIC = SOLID LINE)
- FIRE HYDRANT
- EXISTING UTILITY/LIGHT POLE
- TRANSFORMER PAD
- FENCE LINE
- FOREST CONSERVATION ESMT. (FCE) PER F-03-101
- EXISTING STORM DRAIN
- EXISTING SEWER MAIN (DASHED LINE)
- SEWER HOUSE CONNECTION (SHC, SOLID LINE)
- CONCRETE DRIVEWAY & SIDEWALK
- PROPOSED HOUSE
- FINISHED FLOOR ELEVATION
- BASEMENT SLAB ELEVATION
- MINIMUM CELLAR ELEVATION
- GARAGE (F-FRONT; B-BACK)
- GARDEN WALL



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*Dash de Goff* - 7/15/03  
Director Date

*Chris Hensel* - 7/11/03  
Chief, Division of Land Development Date

*John DeMunn* - 7/8/03  
Chief, Development Engineering Division Date



**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 20886  
TEL: 301-421-4024 BALT: 410-980-1820 DC/VA: 301-989-2524 FAX: 301-421-4186  
CADD/DRAMMS/02103/SPP/S/SP2.dwg DES. DRN. UP CHK.

| DATE    | REVISION                     | BY | APPR. |
|---------|------------------------------|----|-------|
| 8.10.04 | Rev. Floor Elev. (Lot 101)   |    |       |
| 8.20.04 | Rev. Floor Elev. (Lot 102)   |    |       |
| 8.20.04 | Rev. Floor Elev. (Lot 103)   |    |       |
| 7.20.04 | Rev. Floor Elev. (Lot 102)   |    |       |
| 6.20.04 | Rev. Grading on Lots 100-111 |    |       |
| 5.27.04 | REV. GRADING LOTS 111 & 112  |    |       |
| 4.23.04 | Rev. Grading Lots 100-111    |    |       |
| 8.12.04 | Rev. Floor Elev. (Lot 99)    |    |       |

PREPARED FOR:

OWNER/DEVELOPER: STONE LAKE CORPORATION  
C/O H.A.D. CORPORATION  
10275 LITTLE PATENT PKWY.  
COLUMBIA, MARYLAND 21044  
PH: 410-992-8034

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5 CHERRY ROAD, SUITE 360  
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ATTN: ERIC R. TOVAR  
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**SITE DEVELOPMENT PLAN**

**STONE LAKE LOTS 97 THRU 114**  
(SINGLE FAMILY DETACHED DWELLINGS)  
PLATS 15536 & 15537

ELECTION DISTRICT No. 6

HOWARD COUNTY, MARYLAND

| SCALE      | ZONING         | G. L. W. FILE No. |
|------------|----------------|-------------------|
| 1" = 30'   | R-ED           | 02-103            |
| DATE       | TAX MAP - GRID | SHEET             |
| 25/JUNE/03 | 47 - 7         | 2 OF 7            |