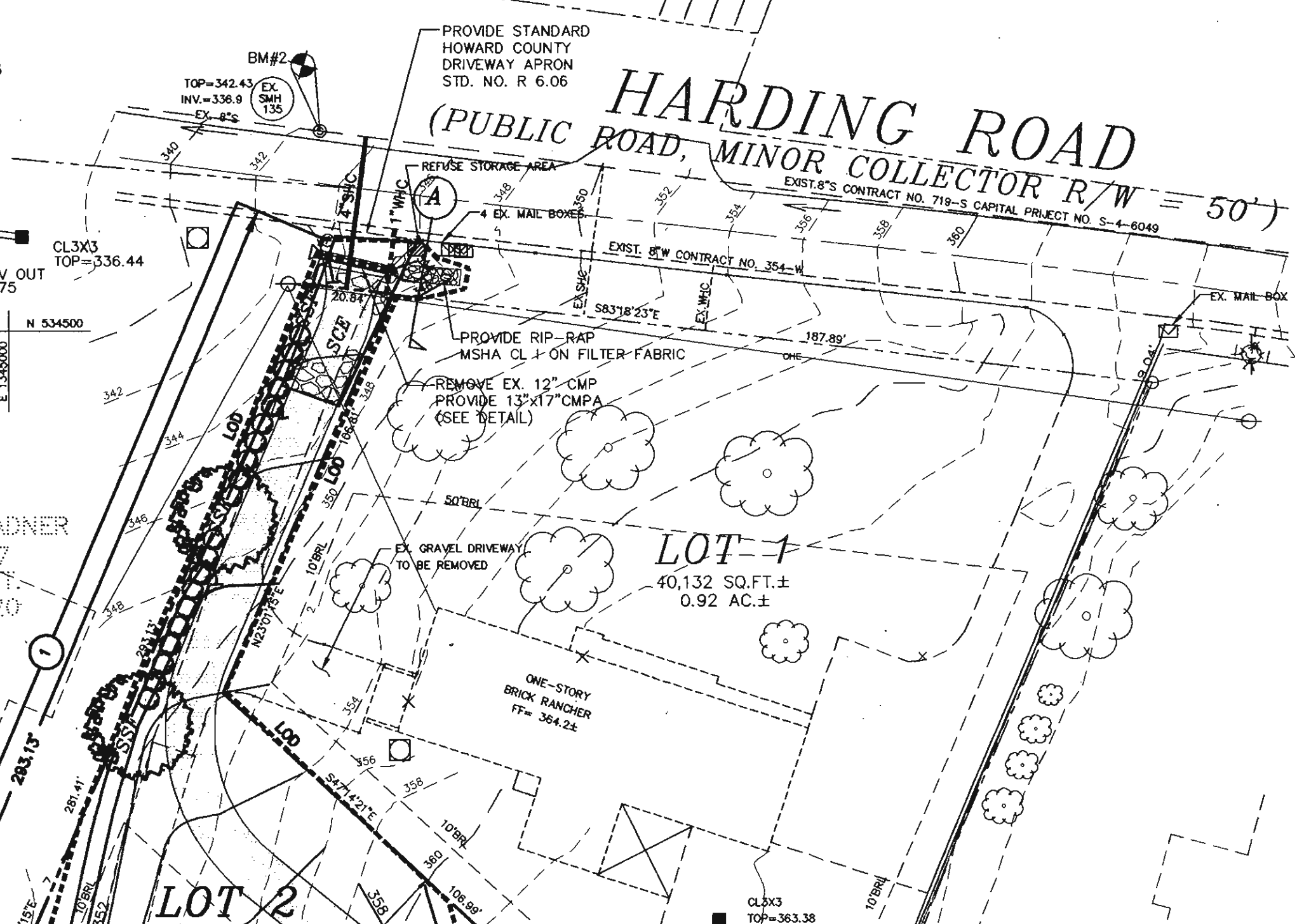


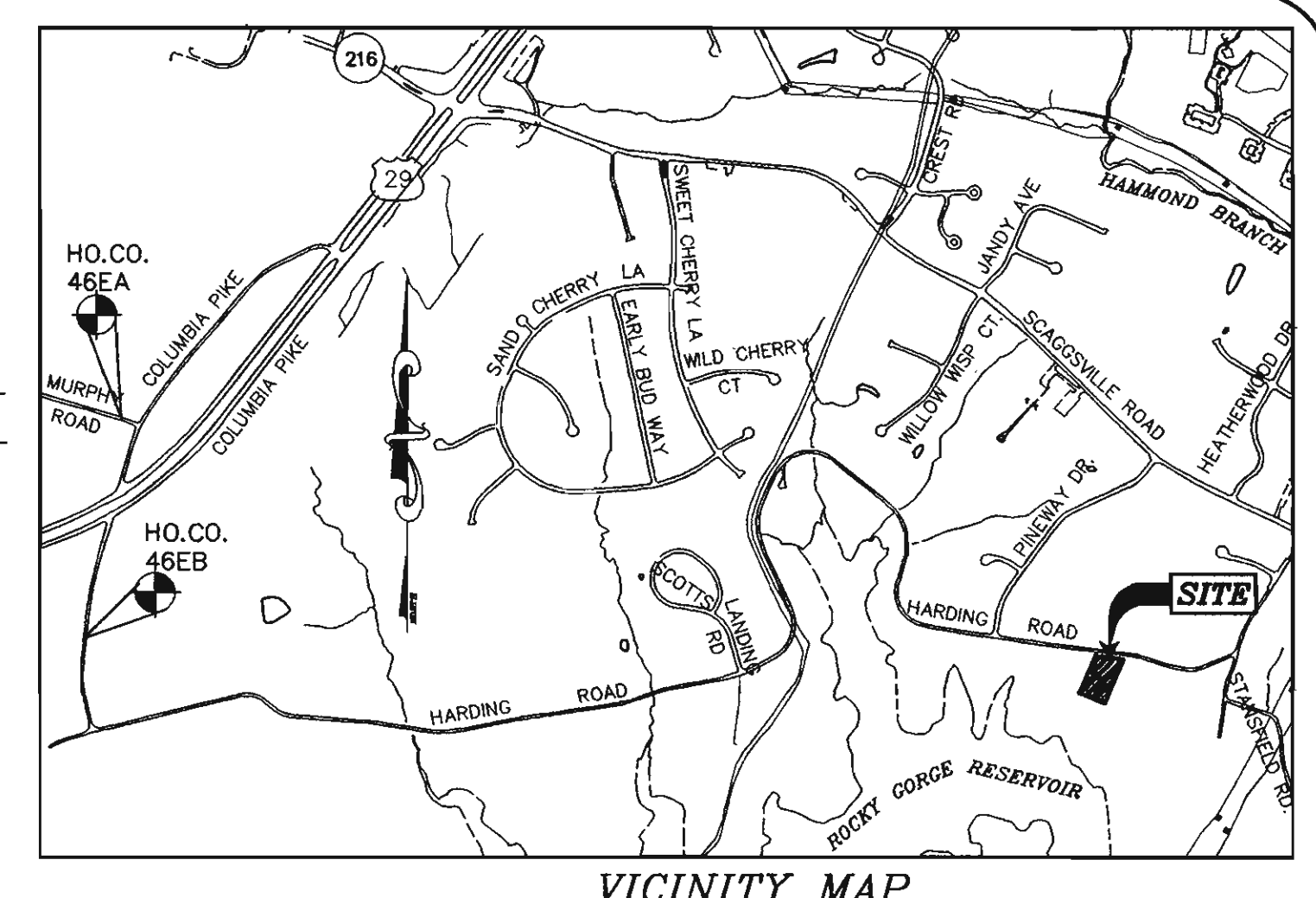
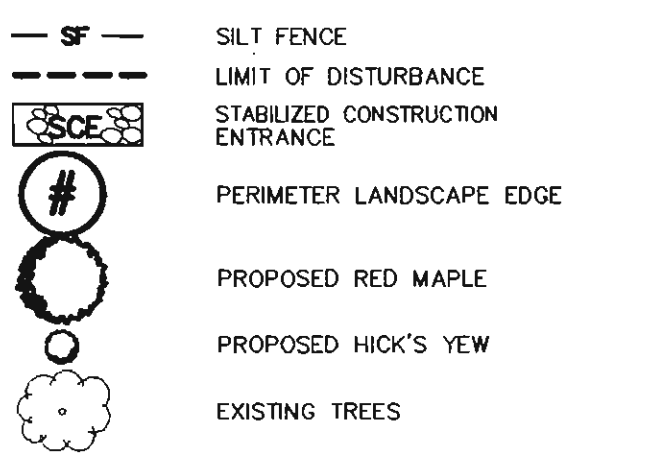
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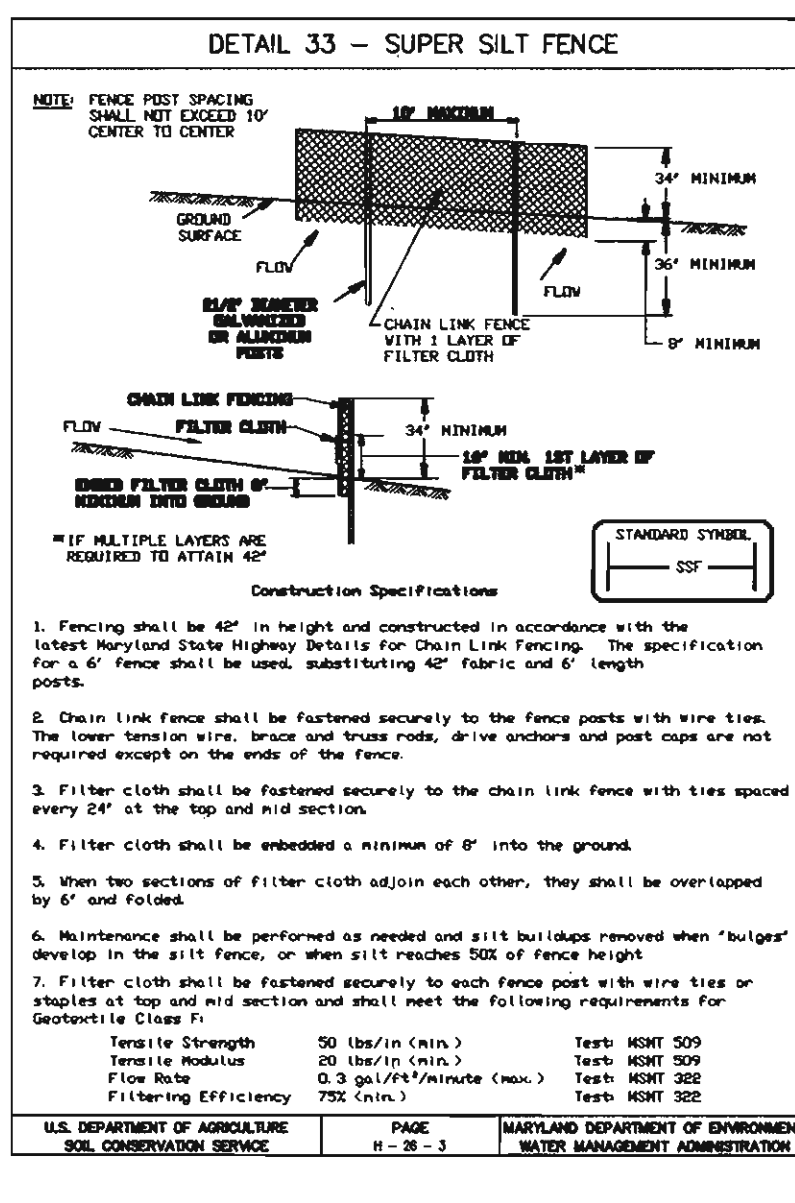
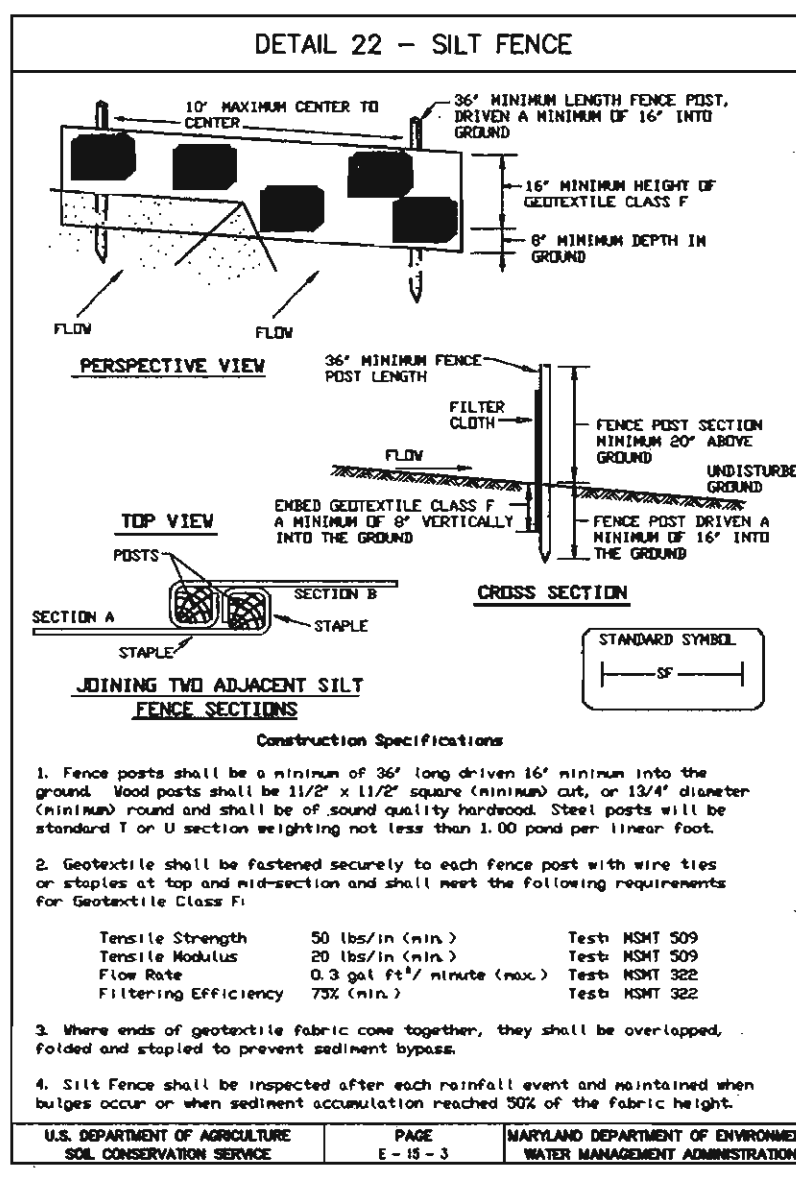
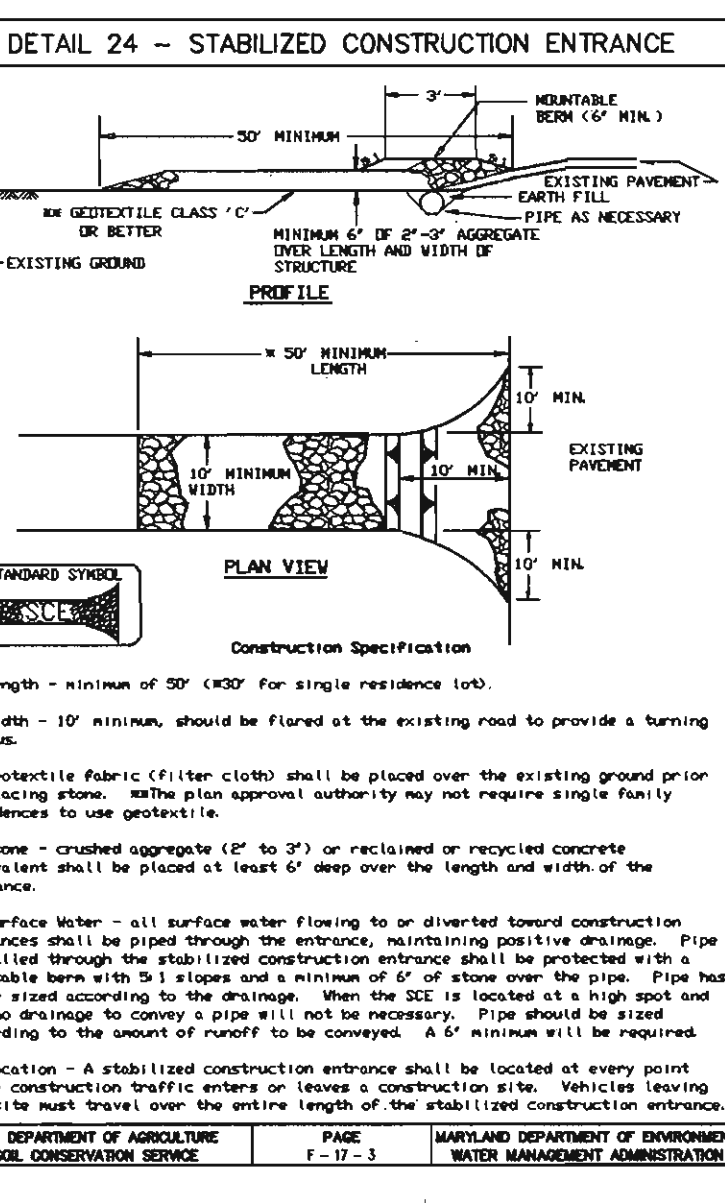
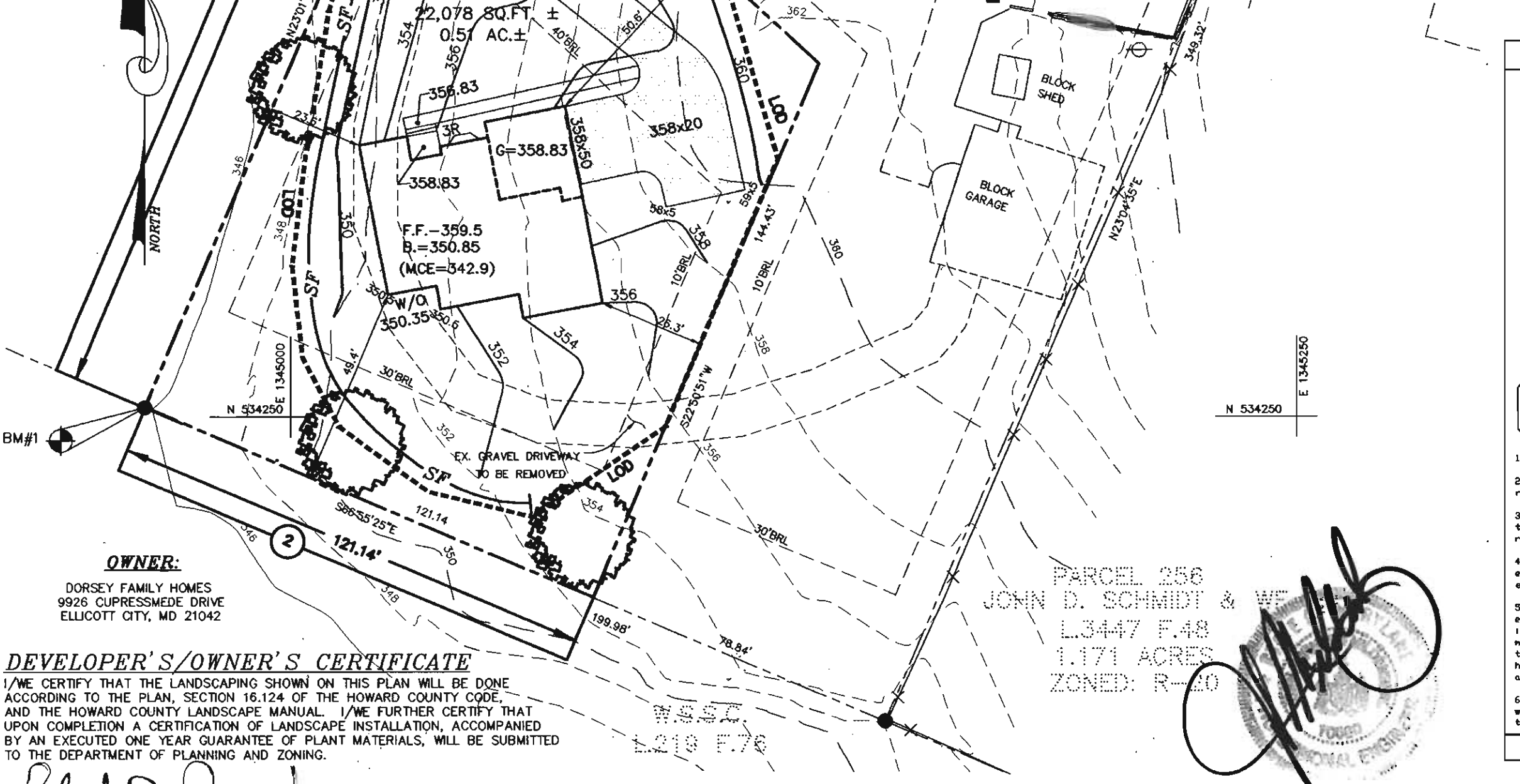


| SUBDIVISION NAME | SECTION/AREA | LOT/PARCEL # |
|------------------|--------------|--------------|
| HEATH PROPERTY   | N/A          | 2            |
| PLAT # OR L/P    | BLOCK #      | ZONE         |
| 16265            | 17           | R-20         |
| WATER CODE       | GOI          | SEWER CODE   |
|                  |              | 5750677      |

| LOT NO. | STREET ADDRESS     |
|---------|--------------------|
| 2       | 10721 HARDING ROAD |



|              |             |             |
|--------------|-------------|-------------|
| project      | date        | scale       |
| 09-051       | MAY 2004    | 1"=30'      |
| illustration | engineering | description |
| MMP          | MMP         | revisions   |
| MPP          | MPP         | no.         |
| approval     | date        |             |



DEVELOPER'S/OWNER'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 OF LANDSCAPING INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

*Robert S. Dorsey* 5-26-04  
NAME DATE

HOWARD SOIL CONSERVATION DISTRICT

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-VEGETATIVE COVER IS NEEDED.

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 BEGINNING THE PROJECT. I ALSO AUTHORIZE PERSONS ON-SITE INSPECTION BY THE NATURAL RESOURCE CONSERVATION SERVICE.

*Robert S. Dorsey* 5-26-04  
SIGNATURE OF DEVELOPER DATE

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RANKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSED.

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

1. PREFERRED - APPLY 2 TONS PER ACRE OF DOMESTIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING.

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.

*John Mildeberg* 5/26/04  
SIGNATURE OF ENGINEER DATE

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE 1-4 LBS./1000 SQ.FT. TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. PER ACRE 3 TONS PER ACRE OF DOMESTIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 400 LBS. PER ACRE 30-0-0 UREAPFORM FERTILIZER (9 LBS./1000 SQ.FT.) BEFORE SEEDING.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

*Jim Mysore* 6/3/04  
DATE

*John Mildeberg* 6/3/04  
DATE

CHIEF, DEVELOPMENT ENGINEERING DIVISION M.J.T. DATE  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE  
DIRECTOR DATE

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 RANKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSED.

SEEDS: SOLE AMENDMENTS: APPLY 60 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.)

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND FROM AUGUST 15 THRU OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF DOMESTIC LIMESTONE (72 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 3 LBS. PER ACRE OF WHEAT CROSSLAND (07 LBS./1000 SQ.FT.) FOR THE PERIOD NOVEMBER 16 THRU NOVEMBER 30 BY 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. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING.

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 RANKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSED.

SEEDS: SOLE AMENDMENTS: APPLY 60 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.)

7) SITE ANALYSIS:

| TOTAL AREA OF SITE:                 | 0.51 ACRES   |
|-------------------------------------|--------------|
| AREA DISTURBED:                     | 0.43 ACRES   |
| AREA TO BE ROOF OR PAVED:           | 0.12 ACRES   |
| AREA TO BE VEGETATIVELY STABILIZED: | 0.37 ACRES   |
| TOTAL CUT:                          | 300 CU. YDS. |
| TOTAL FILL:                         | 300 CU. YDS. |
| TOTAL WASTE/BORROW AREA LOCATION:   | N/A          |

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

1. THIS PRACTICE IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES 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 TO CONTAIN SUFFICIENT SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.
  - c. THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
  - d. THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.
2. FOR THE PURPOSE OF THESE STANDARDS AND SPECIFICATIONS, AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRING SPECIAL CONSIDERATION AND DESIGN FOR ASSOCIATE STABILIZATION, AREAS HAVING SLOPES STEEPER THAN 2:1 SHALL HAVE THE APPROPRIATE STABILIZATION SHOWN ON THE PLANS.
3. 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 REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-SSS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION.
4. TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:
  - i. TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILTY 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 CONTAMINATED TEXTURED SUBSTRATES AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF ONIONSKA, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.
  - ii. TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERBERIS, QUACKGRASS, QUACKGRASS, JOHNSON-SOON GRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.
  - iii. WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1,000 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.
5. FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES:
  - i. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 2.0.0. VEGETATIVE STABILIZATION - SECTION 1 - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

- IV. FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES:
  - i. ON SOIL MEETING TOPSOIL SPECIFICATIONS, OBTAIN TEST RESULTS DICTATING FERTILIZER AND LIME AMENDMENTS REQUIRED TO BRING THE SOIL INTO COMPLIANCE WITH THE FOLLOWING:
    - a. pH FOR TOPSOIL SHOULD BE BETWEEN 6.0 AND 7.5. IF THE TESTED SOIL DEMONSTRATES A pH OF LESS THAN 6.0, SUFFICIENT LIME SHALL BE PERSCRIBED TO RAISE THE pH TO 6.5 OR HIGHER.
    - b. ORGANIC CONTENT OF TOPSOIL SHALL BE NOT LESS THAN 1.5 PERCENT BY WEIGHT.
    - c. TOPSOIL HAVING SOLUBLE SALT CONTENT GREATER THAN 500 PARTS PER MILLION SHALL NOT BE USED.
    - d. NO SOIL OR SEED SHALL BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL, UNLESS SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS.
  - ii. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 2.0.0. VEGETATIVE STABILIZATION - SECTION 1 - VEGETATIVE STABILIZATION METHODS AND MATERIALS.
- V. TOPSOIL APPLICATION
  - i. WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, EARTH DITCHES, SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS.
  - ii. GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBERT 4" - 8" HIGHER IN ELEVATION.
  - iii. TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4" TO 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 POCKETS.
  - iv. TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT IT WILL BE DETRIMENTAL TO PROPER GRADING AND SEEDING OPERATIONS.
  - v. ALTERNATE FOR PERMANENT SEEDING - INSTEAD OF APPLYING THE FULL AMOUNTS OF LIME AND COMMERCIAL FERTILIZER, COMPOSTED SLUDGE AND AMENDMENTS MAY BE APPLIED AS SPECIFIED BELOW:
    - i. COMPOSTED SLUDGE MATERIAL FOR USE AS A SOIL CONDITIONER FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES SHALL BE USED TO PRESERVE AMENDMENTS FOR SITES HAVING AREAS UNDER 5 ACRES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
      - a. COMPOSTED SLUDGE SHALL BE SUPPLIED BY, OR ORIGINATE FROM, A PERSON OR PERSONS WHO ARE PERMITTED (AT THE TIME OF ACQUISITION OF THE COMPOST) BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT UNDER COMAR 26.04.06.
      - b. 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.
      - c. COMPOSTED SLUDGE SHALL BE APPLIED AT A RATE OF 1 TON/1,000 SQUARE FEET.
      - d. COMPOSTED SLUDGE SHALL BE AMENDED WITH A POTASSIUM FERTILIZER APPLIED AT THE RATE OF 4 LB./1,000 SQUARE FEET, AND 1/3 THE NORMAL LIME APPLICATION RATE.
    - ii. GUIDELINE SPECIFICATIONS, SOIL PREPARATION AND SOODING. MD-VA, PUB. #1, COOPERATIVE EXTENSION SERVICE, UNIVERSITY OF MARYLAND AND VIRGINIA POLYTECHNIC INSTITUTE, REVISED 1973.

TEMPORARY DUST CONTROL MEASURES

1. MULCHES - SEE STANDARDS FOR VEGETATIVE STABILIZATION WITH MULCHES ONLY. MULCH SHOULD BE CHIMPED OR TACKED TO PREVENT BLOWING.
2. VEGETATIVE COVER - SEE STANDARDS FOR TEMPORARY VEGETATIVE COVER.
3. TILLAGE - TO ROUGHEN SURFACE AND BRING CLAYS TO THE SURFACE. THIS IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS APPLIED ABOUT 12" APART, SPRING-TROOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.
4. IRRIGATION - THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS MOSTLY WET. REPEAT AS NEEDED. AT NO TIME SHOULD THE SITE BE IRRIGATED TO THE POINT THAT RUNOFF BEGINS TO FLOW.
5. BARRIERS - SOLID BOARD FENCES, SILT FENCES, SUN FENCES, BURIAL FENCES, STRAW BALES, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS. INTERVALS OF ABOUT 10 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING SOIL BLOWING.
6. CALCIUM CHLORIDE - APPLY AT RATES THAT WILL KEEP SURFACE MOIST. MAY NEED RETREATMENT.

SCHEDULE A : PERIMETER LANDSCAPED EDGE

| CATEGORY  | ADJACENT TO PERIMETER PROPERTIES | TOTAL           |
|---|----------------------------------|-----------------|
| LANDSCAPE TYPE  | A (PERIMETER 1)                  | A (PERIMETER 2) |
| LINEAR FEET OF PERIMETER                              | 293.13'                          | 121.14'         |
| CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) | N/A                              | N/A             |

| NUMBER OF PLANTS REQUIRED      | ADJACENT TO PERIMETER PROPERTIES | TOTAL                |
|--------------------------------|----------------------------------|----------------------|
| SHADE TREES                    | 5 SHADE TREES                    | 2 SHADE TREES        |
| EVERGREEN TREES                | 0 EVERGREEN TREES                | 0 EVERGREEN TREES    |
| SHRUBS                         | 0 SHRUBS                         | 0 SHRUBS             |
| CREDIT FOR EXISTING VEGETATION | N/A                              | N/A                  |
| SHADE TREES                    | N/A                              | 0 SHADE TREES        |
| EVERGREEN TREES                | N/A                              | 0 EVERGREEN TREES    |
| SHRUBS                         | N/A                              | 0 SHRUBS             |
| NUMBER OF PLANTS PROVIDED      | 3 SHADE TREES                    | 2 SHADE TREES        |
| SHADE TREES                    | 0 EVERGREEN TREES                | 0 EVERGREEN TREES    |
| EVERGREEN TREES                | 0 SUBSTITUTION TREES             | 0 SUBSTITUTION TREES |
| OTHER TREES (2:1 SUBSTITUTION) | 20 SHRUBS                        | 0 SHRUBS             |
| SHRUBS (10:1 SUBSTITUTION)     | 20 SHRUBS                        | 20 SHRUBS            |

- GENERAL NOTES
1. THE SUBJECT PROPERTY IS ZONED R-20 PER THE 02/02/04 COMPREHENSIVE ZONING PLAN.
  2. PROJECT BACKGROUND:
    - ST. MARIE PARCEL - PARCEL 16265, 280 LOT 2 GRID: 17
    - ELECTION DISTRICT: SIXTH.
    - ZONING: R-20
    - DEED REFERENCE: 6427/257
    - TOTAL TRACT AREA: 20,078 SQ. FT. OR 0.51 AC.
    - NUMBER OF PROPOSED BUILDABLE LOTS: 1
    - PROPOSED USE: SINGLE FAMILY DETACHED.
    - DPZ FLES: F-03-120, BA-03-470.
    - DEVELOPMENT OR CONSTRUCTION ON LOT 2 MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT TIME OF SDP, WP APPLICATION OR BUILDING PERMIT.
  3. TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY BY MILDENBERG, BOENDER & ASSOC., INC. IN SEPTEMBER 2002.
  4. COORDINATES BASED ON NAD 83 (HORIZONTAL) AND NAVD 83 (VERTICAL) MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 46EA & 46EB.
    - STA. NO. 46EA - N 536,185.423 E 1,338,091.710 ELEV. 415.24
    - STA. NO. 46EB - N 534,750.221 E 1,337,742.800 ELEV. 413.24
  5. THIS SUBDIVISION IS IN THE METROPOLITAN DISTRICT. PUBLIC WATER AND SEWER WILL BE UTILIZED. LOT 2 WILL BE SERVED UNDER CONTRACT # 2719-S & 324-W.
  6. NO BURIAL GROUNDS OR CEMETERIES EXIST ON-SITE.
  7. STEEP SLOPES 25% OR GREATER WITH A CONTIGUOUS AREA OVER 20,000 SQ.FT.
  8. NO HISTORIC DISTRICTS ARE ADJACENT TO THIS SITE. SITE IS NOT ADJACENT TO A DESIGNATED SCENIC ROAD.
  9. NO WETLANDS OR STREAMS EXIST ON-SITE PER F-03-120
  10. NO FOREST EXIST ON-SITE PER F-03-120
  11. STORM WATER MANAGEMENT FOR THIS PROJECT HAS BEEN APPROVED UNDER F-03-120.
  12. THIS PLAN COMPLIES WITH THE REQUIREMENTS OF SECTION 16.124 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY PAYMENT OF A FEE-IN-LIEU OF AFForestation FOR 0.08 ACRES IN THE AMOUNT \$1742.40.
  13. LANDSCAPING FOR LOT 2 IS PROVIDED IN ACCORDANCE WITH A CERTIFIED LANDSCAPE PLAN ON FILE WITH F-03-120, IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. THE LANDSCAPE REQUIREMENT OF SEVEN (7) SHADE TREES AND ASSOCIATED SURETY OF \$2100 FOR LOT 2.
  14. CONTRACTOR TO LOCATE THE LOCATION OF ALL EXISTING UTILITIES ON SITE PRIOR TO COMMENCING CONSTRUCTION.
  15. 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.
  16. 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
    - C&P TELEPHONE COMPANY (410) 725-9976
    - HOWARD COUNTY BUREAU OF UTILITIES (410) 313-4900
    - NAT GAS LOCATION DIVISION (410) 393-3533
    - BALTIMORE GAS & ELECTRIC (410) 685-0123
    - STATE HIGHWAY ADMINISTRATION (410) 531-5533
    - CONSTRUCTION INSPECTION DIVISION (410) 313-1880
  17. IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS, OR EXTERIOR STAIRWAYS NOT MORE THAN 6 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACK. PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.
  18. 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 RESIDENT).
    - 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 DRAINWAY SURFACE.
    - F) STRUCTURE CLEARANCES - MINIMUM 12 FEET
    - G) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
  19. THIS PLAN IS SUBJECT TO THE AMENDED 5TH EDITION OF THE SUBDIVISION REGULATIONS.
  20. IN ACCORDANCE WITH SECTION 16.121 OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS A FEE-IN-LIEU OF PROVIDING OPEN SPACE FOR LOT 2 IN THE AMOUNT OF \$1,500.00 WAS APPROVED AND HAS BEEN PAID BY THE DEVELOPER UNDER F-03-120.
  21. THE OWNER, TENANT AND/OR OTHER AGENTS SHALL BE RESPONSIBLE FOR THE 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 WITH APPLICABLE REGULATIONS WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPLACED OR REPLANTED.
  22. THE EXISTING SEPTIC MUST BE ABANDONED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
  23. FOR THE FLAG OF PIPESTEL TOLLS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEL AND ROAD RIGHT-OF-WAY LINE AND NOT TO THE PIPESTEL TOLL DRIVEWAY.

PERMETER LANDSCAPED EDGE

| CATEGORY  | ADJACENT TO PERIMETER PROPERTIES | TOTAL           |
|---|----------------------------------|-----------------|
| LANDSCAPE TYPE  | A (PERIMETER 1)                  | A (PERIMETER 2) |
| LINEAR FEET OF PERIMETER                              | 293.13'                          | 121.14'         |
| CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) | N/A                              | N/A             |

NUMBER OF PLANTS REQUIRED

| NUMBER OF PLANTS REQUIRED      | ADJACENT TO PERIMETER PROPERTIES | TOTAL                |
|--------------------------------|----------------------------------|----------------------|
| SHADE TREES                    | 5 SHADE TREES                    | 2 SHADE TREES        |
| EVERGREEN TREES                | 0 EVERGREEN TREES                | 0 EVERGREEN TREES    |
| SHRUBS                         | 0 SHRUBS                         | 0 SHRUBS             |
| CREDIT FOR EXISTING VEGETATION | N/A                              | N/A                  |
| SHADE TREES                    | N/A                              | 0 SHADE TREES        |
| EVERGREEN TREES                | N/A                              | 0 EVERGREEN TREES    |
| SHRUBS                         | N/A                              | 0 SHRUBS             |
| NUMBER OF PLANTS PROVIDED      | 3 SHADE TREES                    | 2 SHADE TREES        |
| SHADE TREES                    | 0 EVERGREEN TREES                | 0 EVERGREEN TREES    |
| EVERGREEN TREES                | 0 SUBSTITUTION TREES             | 0 SUBSTITUTION TREES |
| OTHER TREES (2:1 SUBSTITUTION) | 20 SHRUBS                        | 0 SHRUBS             |
| SHRUBS (10:1 SUBSTITUTION)     | 20 SHRUBS                        | 20 SHRUBS            |