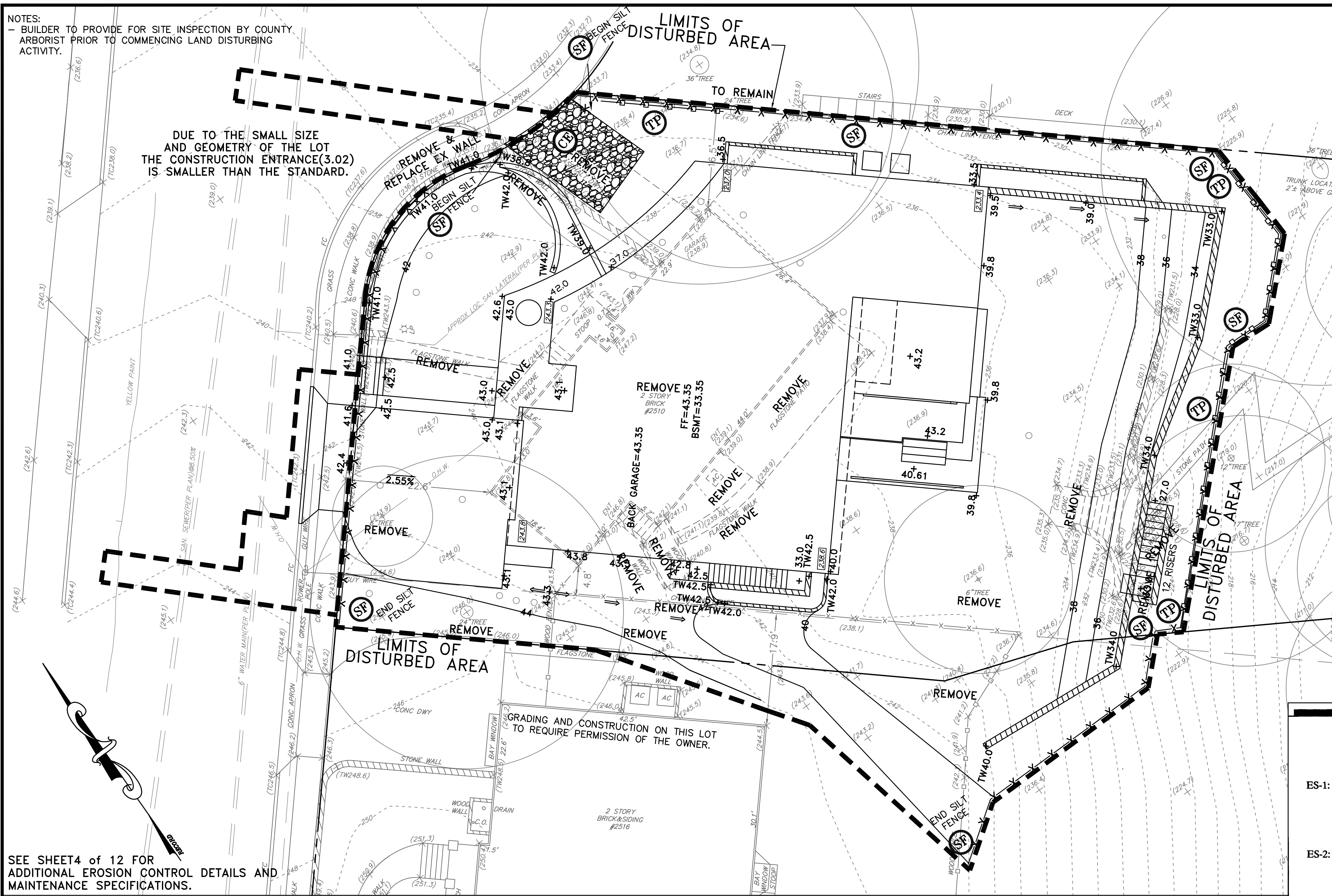


NOTES:
 - BUILDER TO PROVIDE FOR SITE INSPECTION BY COUNTY ARBORIST PRIOR TO COMMENCING LAND DISTURBING ACTIVITY.

DUE TO THE SMALL SIZE AND GEOMETRY OF THE LOT THE CONSTRUCTION ENTRANCE(3.02) IS SMALLER THAN THE STANDARD.

EROSION AND SEDIMENT CONTROL NARRATIVE
PROJECT DESCRIPTION
 THE PROJECT INVOLVES THE DEMOLITION OF AN EXISTING HOUSE AND ITS APPURTENANT FEATURES LOCATED AT 2510 NORTH UPLAND STREET, BEING LOT 11A SECTION 1 BROYHILL HILLS, AND THE CONSTRUCTION OF A NEW 2 STORY HOME WITH BASEMENT AND ITS APPURTENANT FEATURES. THE PROPERTY CONTAINS 18,887 SQ.FT. (0.42870 ACRES) OF GROUND OF WHICH APPROXIMATELY 11,261 SQ.FT.(0.25640 ACRES) WILL BE DISTURBED. IN ADDITION SOME DISTURBANCE WILL OCCUR IN THE RIGHT OF WAY FOR DRIVEWAY CONSTRUCTION AND UTILITY SERVICE CONNECTIONS, APPROXIMATELY 805 SQ.FT.(0.01848 AC.) AND SOME OF THE ADJACENT PROPERTY TO THE SOUTHWEST FOR GRADING AND WALL CONSTRUCTION APPROXIMATELY 1147 SQ.FT.(0.02633 AC.).
EXISTING SITE CONDITIONS
 THE SITE SLOPES GENERALLY FROM THE SOUTHWEST TO THE NORTH AND EAST. EXISTING DRAINAGE LEAVES THE SITE BY SHEET FLOW OFF THE FRONT YARD DRAINING INTO THE RIGHT OF WAY, OFF THE NORTHEAST SIDE ONTO THE ADJACENT RESIDENTIAL LOT AND OFF THE SOUTHWEST SIDE INTO DONALDSON RUN. THE SITE CURRENTLY CONSISTS OF A SINGLE FAMILY HOME WITH ITS APPURTENANCES. THE REMAINDER OF THE SITE IS OPEN YARD SPACE.
ADJACENT AREAS
 THE SITE IS BOUNDED ON THE NORTHWEST BY THE NORTH UPLAND STREET RIGHT OF WAY, ON THE NORTHEAST, AND SOUTHWEST SIDES BY EXISTING RESIDENTIAL PROPERTIES AND ON THE SOUTHWEST BY COUNTY OWNED PROPERTY CONTAINING DONALDSON RUN.
OFF-SITE AREAS
 THE ONLY OFF-SITE AREAS AFFECTED WILL BE SOME OF THE RIGHT OF WAY ALONG THE STREET FRONTAGE FOR DRIVEWAY AND UTILITY SERVICE CONSTRUCTION AND SOME OF THE ADJACENT LOT TO THE SOUTHWEST FOR GRADING AND RETAINING WALL CONSTRUCTION. THIS SHOULD NOT REQUIRE ANY ADDITIONAL EROSION CONTROL MEASURES. THE CONTRACTOR WILL NEED TO COORDINATE OR CONTRACT WITH A COMPANY FOR REMOVAL TO AN APPROVED DISPOSAL SITE OF EXCAVATED MATERIAL.
SOILS
 THE SOILS IN THIS AREA PER THE ARLINGTON COUNTY SOIL SURVEY MAP (JUNE 2012) ARE CLASSIFIED AS 7C, 7D, 6F, 6E, 5X & 15B-25K SLOPES AND "CLEVELD LOAM" 15B-35K SLOPES (MODERATE PERMEABILITY, MODERATELY RAPID RUNOFF WITH SEVERE EROSION POTENTIAL) AND ARE HYDROLOGIC SOIL GROUP B. THE UNDERLYING GEOLOGY OF THE SITE PER THE "SIMPLIFIED GEOLOGIC MAP OF ARLINGTON COUNTY, VIRGINIA AND VICINITY" DATED 1999, IS C6 SYKESVILLE FORMATION.
CRITICAL AREAS
 THE SITE SLOPES GENERALLY FROM THE SOUTHWEST TO THE NORTHEAST AND EAST. CARE SHOULD BE TAKEN TO ENSURE PROTECTION OF THE ADJACENT PROPERTY ON ALL SIDES OF THE SITE FROM RUNOFF CONTAINING SEDIMENT DURING CONSTRUCTION.
EROSION AND SEDIMENT CONTROL MEASURES
PHASE 1 & 2 ARE IDENTICAL. ALL MEASURES SHALL BE PUT IN PLACE PRIOR TO COMMENCING ANY CONSTRUCTION RELATED ACTIVITY ON THE SITE.
 PRIOR TO EXCAVATION, OR OTHER CONSTRUCTION RELATED ACTIVITIES, THE CONTRACTOR SHALL PROVIDE APPROVED SILTATION CONTROL FENCE, TREE PROTECTION FENCE, TEMPORARY CONSTRUCTION ENTRANCE AND IF NEEDED TEMPORARY PRECAST WASH RACK AND WATER SERVICE AS DEPICTED HEREON. THE WATER SERVICE SHOULD BE PROVIDED BY A TAP FROM THE EXISTING WATER SERVICE. THE CONTRACTOR SHALL ENSURE THE SILT FENCE REMAINS IN GOOD REPAIR AT ALL TIMES AND SHALL INSPECT THEM AT THE END OF EACH DAYS WORK AND AFTER EACH RAINFALL. SEDIMENTATION SHALL BE REMOVED TO A PREDETERMINED DISPOSAL SITE WHEN THE CONTROLS HAVE REACHED 50% CAPACITY. MUD SHALL BE WASHED OFF ALL CONSTRUCTION VEHICLES PRIOR TO ENTERING THE PUBLIC RIGHT-OF-WAY. THE ROADWAY SHALL BE KEPT CLEAR OF ANY SOIL DEPOSITS FROM THIS SITE. ANY SOIL STOCKPILES ON SITE SHALL BE STABILIZED IMMEDIATELY IF DEWATERING IS REQUIRED IT SHALL BE PROVIDED IN ACCORDANCE WITH VSECH STANDARD 3.26(SEE NOTE BELOW AND DETAIL TO THE LEFT).
PERMANENT STABILIZATION
 POST DEVELOPMENT DRIVEWAY WILL BE STABILIZED WITH PAVING. THE REMAINING OPEN AREAS OF THE SITE WILL BE STABILIZED WITH PERMANENT GRASS SEEDING OR SODDING AND/OR PLANTING BEDS AS DETERMINED BY THE OWNER. NO PART OF THE SITE WILL BE LEFT DENUDED AT THE COMPLETION OF THE PROJECT.
STORMWATER RUNOFF CALCULATIONS
 IMPACTS OF THE COMPLETED DEVELOPMENT ON STORMWATER RUNOFF ARE MINIMAL. UNTIL THE SITE IS STABILIZED RUNOFF WILL SHEET FLOW THROUGH THE PROPOSED SILT FENCE. AFTER STABILIZATION THE WATER LEAVING THE PROPERTY BY SHEET FLOW INTO THE RIGHT OF WAY AS IT CURRENTLY DOES. SEE SHEET 8 FOR DRAINAGE COMPUTATIONS.



SEE SHEET 4 of 12 FOR ADDITIONAL EROSION CONTROL DETAILS AND MAINTENANCE SPECIFICATIONS.

TABLE 6-1
GENERAL EROSION AND SEDIMENT CONTROL NOTES

ES-1: Unless otherwise indicated, all vegetative and structural erosion and sediment control practices will be constructed and maintained according to minimum standards and specifications of the Virginia Erosion and Sediment Control Handbook and Virginia Regulations VR 625-02-00 Erosion and Sediment Control Regulations.

ES-2: The plan approving authority must be notified one week prior to the pre-construction conference, one week prior to the commencement of land disturbing activity, and one week prior to the final inspection.

ES-3: All erosion and sediment control measures are to be placed prior to or as the first step in clearing.

ES-4: A copy of the approved erosion and sediment control plan shall be maintained on the site at all times.

ES-5: Prior to commencing land disturbing activities in areas other than indicated on these plans (including, but not limited to, off-site borrow or waste areas), the contractor shall submit a supplementary erosion control plan to the owner for review and approval by the plan approving authority.

ES-6: The contractor is responsible for installation of any additional erosion control measures necessary to prevent erosion and sedimentation as determined by the plan approving authority.

ES-7: All disturbed areas are to drain to approved sediment control measures at all times during land disturbing activities and during site development until final stabilization is achieved.

ES-8: During dewatering operations, water will be pumped into an approved filtering device.

ES-9: The contractor shall inspect all erosion control measures periodically and after each runoff-producing rainfall event. Any necessary repairs or cleanup to maintain the effectiveness of the erosion control devices shall be made immediately.

- General Demolition Notes:**
- 1) Prior to the commencement of land disturbing activities all provisions of the erosion control plan shall be implemented.
 - 2) These requirements shall be considered in conjunction with and as part of the demolition plan.
 - 3) The location of underground utilities and other underground structures has been obtained from visible and accessible surface features where available, otherwise they have been obtained from various sources, and represent approximate locations only which shall be confirmed prior to commencing demolition. Other underground utilities and/or structures may exist, the location of which is unavailable. Prior to commencing land disturbing activities the contractor shall verify the exact horizontal and vertical location of all underground utilities and conduits which may be affected by the proposed demolition or construction.
 - 4) The contractor shall conform to all applicable codes and regulations for demolition of structures, safety of adjacent structures, public safety, dust and erosion control and the disposal of demolished materials.
 - 5) The contractor shall not interfere with vehicle and pedestrian traffic along the frontage of this site.
 - 6) There may be underground conduit, cables and traffic detection devices in this area. The contractor is responsible for replacing any traffic controls that are disturbed. Before commencing work, notify the traffic engineering division at (703) 228-3575, Monday through Friday 8:00 am to 5:00 pm.
 - 7) All existing structures, paving and improvements within the limits of disturbed area depicted on the plan and labeled "REMOVE" shall be demolished. All demolished materials shall be removed from the site. The contractor shall not burn or bury any materials on the site. All excavated areas shall be filled and the site shall be left in a clean condition with grades generally matching the remaining perimeter improvements while maintaining the same general character as that previous to demolition.
 - 8) The contractor shall provide adequate protection for all structures and appurtenances which are not to be demolished. If it becomes necessary the contractor shall provide bracing and shoring to prevent movement or settlement of adjacent structures or improvements which are not to be demolished.
 - 9) The contractor shall cease operations immediately if adjacent structures appear to be in any danger. Notify Arlington County Department of Public Works, the Architect and the Engineer. Operations will not resume until directed to do so by Arlington County and the Owner or his agent.
 - 10) Except as shown all existing storm and sanitary sewers mains, and structures, are to remain in place and be protected as necessary during demolition.
 - 11) All utility service connections (including but not limited to gas, water, electric, cable television, telephone, sanitary laterals etc...) within the limits of the demolition plan shall be cut and plugged. All proposed improvements and in accordance with the requirements of Arlington County and the appropriate utility company, unless labeled otherwise. Prior to commencing demolition the contractor shall coordinate with the appropriate utility companies for the timely removal, relocation or abandonment of their facilities.
 - 12) Any underground storage tanks and other materials associated with solid tanks shall be removed from the site and taken to an approved disposal site and the excavated area backfilled as specified by others. The contractor shall obtain all necessary permits and conform to all applicable regulatory procedures for the testing and removal of any hazardous materials that are discovered on the site and the testing of adjacent soils for contamination.
 - 13) The contractor shall provide, erect and maintain all barriers, fences, security devices and erosion controls at the indicated locations or as may be deemed necessary for public safety. Any alterations or deviations shall be approved by the engineer or County inspector.

- DEMOLITION/EROSION NOTES:**
- 1) REMOVE THE EXISTING HOUSE, PORCHES, STAIRS, PATIOS, DRIVEWAY AND ASSOCIATED IMPROVEMENTS AS NOTED HEREON AND COORDINATE WITH THE ARCHITECTURAL PLAN.
 - 2) ALL EXISTING TREES WITHIN THE LIMITS OF DISTURBED AREA ARE TO BE REMOVED UNLESS LABELED OTHERWISE. ALL TREES OUTSIDE LIMITS OF DISTURBED AREA ARE TO BE SAVED UNLESS LABELED OTHERWISE. CONTRACTOR SHALL COORDINATE WITH AND GET OWNER'S APPROVAL FOR DISPOSITION OF TREES INSIDE DISTURBED AREA.
 - 3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND/OR COORDINATE THE EXCAVATION AND REMOVAL OF ALL MATERIALS REQUIRING REMOVAL.
 - 4) PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL SCHEDULE WITH ALL APPROPRIATE UTILITY COMPANIES FOR THE TIMELY REMOVAL AND/OR RELOCATION OF THEIR EQUIPMENT IF REQUIRED.

- GENERAL LAND CONSERVATION NOTES**
1. NO DISTURBED AREA WILL REMAIN DENUDED FOR MORE THAN 7 CALENDAR DAYS UNLESS OTHERWISE AUTHORIZED BY THE DIRECTOR OR HIS AGENT.
 2. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN GRADING. FIRST AREAS TO BE CLEARED ARE TO BE THOSE REQUIRED FOR PERIMETER CONTROLS.
 3. ALL STORM AND SANITARY SEWER LINES NOT IN STREETS ARE TO BE MULCHED AND SEEDED WITHIN 5 DAYS AFTER BACKFILL. NO MORE THAN 500 FEET ARE TO BE OPEN AT ANY ONE TIME.
 4. ELECTRIC POWER, TELEPHONE AND GAS SUPPLY TRENCHES ARE TO BE COMPACTED, SEEDED AND MULCHED WITHIN 5 DAYS OF BACKFILL.
 5. ALL TEMPORARY EARTH BERMS, DIVERSIONS AND SEDIMENT CONTROL DAMS ARE TO BE MULCHED AND SEEDED FOR TEMPORARY VEGETATIVE COVER IMMEDIATELY AFTER GRADING. STRAW OR HAY MULCH IS REQUIRED. THE SAME APPLIES TO ALL SOIL STOCKPILES.
 6. DURING CONSTRUCTION, ALL STORM SEWER INLETS WILL BE PROTECTED BY INLET PROTECTION DEVICES, MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS.
 7. ANY DISTURBED AREA NOT COVERED BY NOTE #1 ABOVE AND NOT PAVED, SODDED OR BUILT UPON BY NOVEMBER 1ST, OR DISTURBED AFTER THAT DATE, SHALL BE MULCHED WITH HAY OR STRAW AT THE RATE OF 2 TONS PER ACRE AND OVER-SEEDED NO LATER THAN MAY 15TH.
 8. AT THE COMPLETION OF THE CONSTRUCTION PROJECT AND PRIOR TO BOND RELEASE, ALL TEMPORARY SEDIMENT CONTROLS SHALL BE REMOVED AND ALL DENUDED AREAS SHALL BE STABILIZED. ARLINGTON COUNTY INSPECTOR TO APPROVE REMOVAL OF ALL TEMPORARY SILTATION MEASURES.

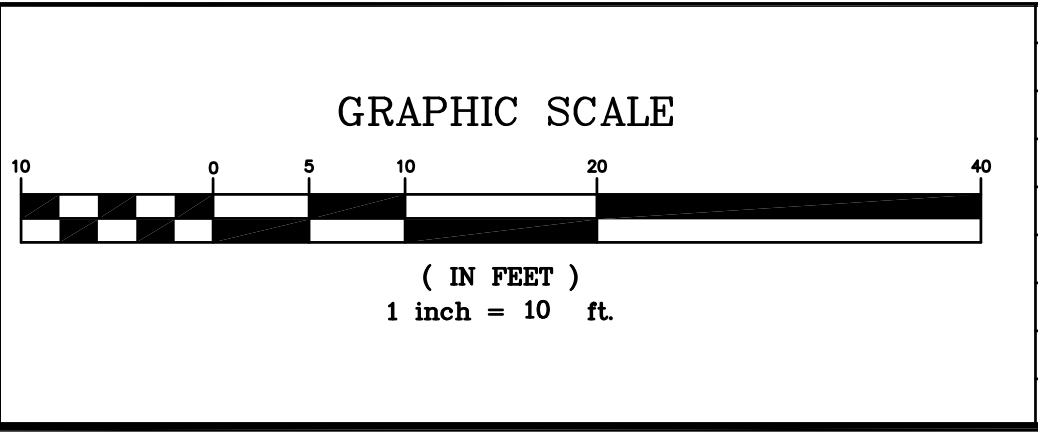
DCR STORMWATER DISCHARGE NOTE:
 THE OWNER/OPERATOR OF ALL CONSTRUCTION ACTS GREATER THAN 2,500 SQUARE FEET LOCATED IN ARLINGTON COUNTY (A CHESAPEAKE BAY PRESERVATION LOCATION) ARE REQUIRED TO APPLY TO DCR FOR REGISTRATION COVERAGE UNDER THE GENERAL PERMIT FOR DISCHARGE OF STORMWATER FROM CONSTRUCTION ACTIVITIES.

TO SECURE COVERAGE UNDER THE GENERAL PERMIT FOR DISCHARGES FROM CONSTRUCTION ACTIVITIES, THE REGISTRATION STATEMENT MUST BE COMPLETED AND MAILED TO:

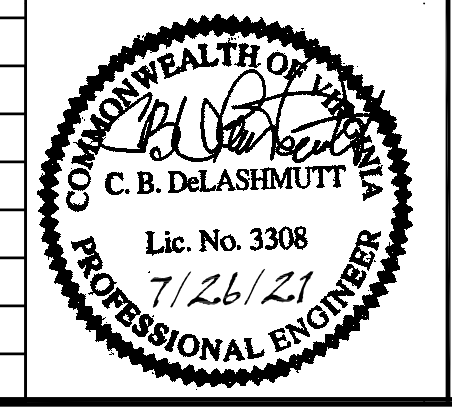
DEPARTMENT OF CONSERVATION AND RECREATION
 STORMWATER PERMITTING
 203 GOVERNOR STREET, SUITE 206
 RICHMOND, VIRGINIA 23219

- EXIST IMPROVEMENTS AND ELEVATIONS LABELED IN ITALICS THUS 260.5**
- SF - SILT FENCE STD. 3.05
 - CE - CONSTRUCTION ENTRANCE STD. 3.02
 - TP - TREE PROTECTION FENCE
 - RP - ROOT PRUNING
 - DS - DEWATERING STRUCTURE

TAX MAP#:	
FIELD BOOK:	
DRAWING:	SETTINGS FILE:
JOB NO.: A20-114	FILE NO.:



NO.	DATE	DESCRIPTION	BY



DeLashmutt Associates Ltd.
 CIVIL ENGINEERS & LAND SURVEYORS
 1120 S. GEORGE MASON DR.
 ARLINGTON, VIRGINIA 22204
 (703) 486-8300

DEMOLITION PHASE 1&2 EROSION CONTROL
 LOT 11 SECTION 1
BROYHILL HILLS
 D.B. 982 PG. 424
 ARLINGTON COUNTY, VIRGINIA

SCALE: 1"=10'
DATE: JULY 2021
DRAWN BY: CMD
CHECKED BY:
SHEET 3 OF 17

COPYRIGHT 2008 DELASHMUTT ASSOCIATES LTD.