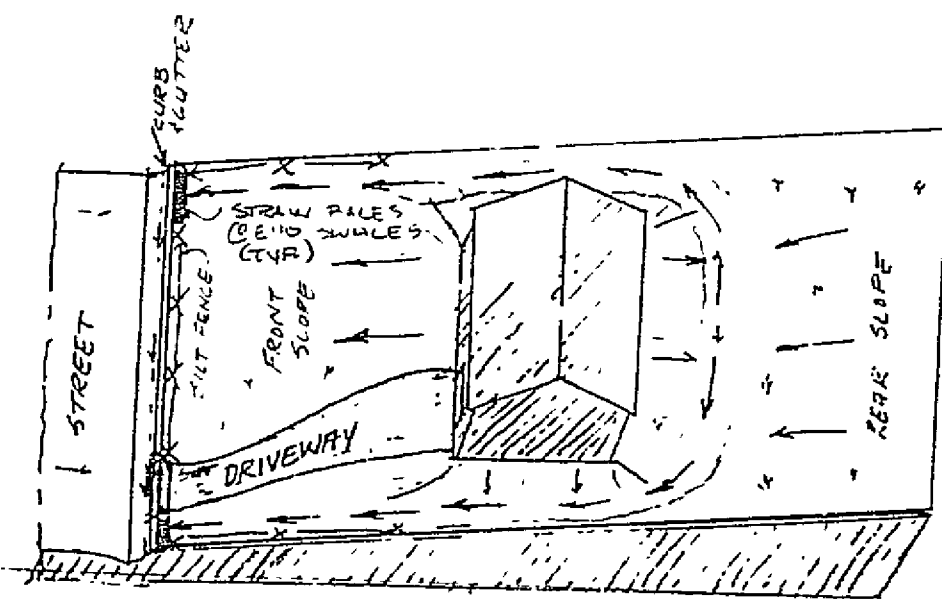




TYPICAL E.S.C. PLAN FOR LOTS

NOTE: FOR LOTS SLOPING TO THE REAR, SILT FENCE AND STRAW BARRIERS SHALL BE PLACED AT THE CLEARING LIMITS. NEARWAYS SHALL BE EXTENDED TO THE LIMITS THAT WILL INTERCEPT SEDIMENT CARRY RUNOFF FLOWING TOWARD ADJACENT LOTS.

EROSION AND SEDIMENT CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REFER TO "THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK", LATEST EDITION. REFER TO THIS HANDBOOK FOR STANDARDS AND SPECIFICATIONS.
 2. ADDITIONAL MEASURES MAY BE REQUIRED BY ROANOKE COUNTY TO CONTROL EROSION AND SEDIMENT.
 3. AS EACH HOUSE IS CONSTRUCTED, MEASURES SHALL BE TAKEN TO CONTROL EROSION PER ROANOKE COUNTY INSPECTORS, AND MAY INCLUDE, BUT NOT BE LIMITED TO, INSTALLATION OF SILT FENCE AND/OR STRAW BARRIERS TO CONTROL RUNOFF TO NEIGHBORING LOTS AND NATURAL DRAINAGE WAYS.
 4. ESC MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL TO ENSURE PROPER FUNCTIONING.
 5. CONSTRUCTION TRAFFIC IN NATURAL STREAMS AND DRAINAGE WAYS IS TO BE AVOIDED WHENEVER POSSIBLE.
 6. THE CONTRACTOR IS REQUIRED TO REMOVE ALL SILT FROM STREAMS AND DRAINAGE WAYS PRIOR TO BOND RELEASE.
 7. PRIOR TO BEGINNING CONSTRUCTION, A PRE-CONSTRUCTION MEETING SHALL BE HELD ON-SITE. COUNTY OFFICIALS, ENGINEER AND CONTRACTOR MUST ATTEND MEETING.
 8. CONTRACTOR SHALL SEED OR TEMPORARILY STABILIZE ANY AREAS OF FINAL GRADE WITHIN SEVEN DAYS.
- TEMPORARY SEEDING SHALL ADHERE TO SPECIFICATIONS AS SHOWN BELOW:
- TEMPORARY SEEDING (RATES ON A PER ACRE BASIS)
- WINTER - 40 LBS. ANNUAL RYE/40 LBS. CEREAL RYE
 SUMMER - 40 LBS. ANNUAL RYE/40 LBS. FOXTAIL OR JAPANESE MILLET
 FERTILIZER - 1,500 LBS. 10-15-10
 LIME - 2 TONS

SILTATION AND EROSION CONTROL NARRATIVE

DESCRIPTION OF SITE

THIS PROJECT CONSISTS OF THE CONSTRUCTION OF A 10 LOT SUBDIVISION WITH ASSOCIATED ROADWAY AND SUPPORTING UTILITIES.

DATES OF CONSTRUCTION

SPRING 1995 TO FALL 1995

EROSION CONTROL PROGRAM

EROSION-SILTATION DEVICES SHOWN HEREIN ARE FOR CONSTRUCTION OF PROPOSED UTILITIES, CLEARING AND ROUGH GRADING. TEMPORARY DIVERSION DIKES, TOPSOIL, STOCK PILES AND ALL AREAS TO BE ROUGH GRADED DURING THE INITIAL PHASE OF CONSTRUCTION SHALL BE SEEDED WITH FAST-GERMINATING TEMPORARY VEGETATION IMMEDIATELY FOLLOWING GRADING. MIXTURE OF SEED WILL DEPEND ON THE TIME OF YEAR.

SEDIMENT CONTROL PROGRAM

ALL SEDIMENT CONTROLS AS INDICATED ON THIS CONTROL PLAN SHALL BE CONSTRUCTED AS SOON AS POSSIBLE, EITHER BEFORE, DURING, OR IMMEDIATELY AFTER GRADING.

MAINTENANCE PROGRAM

ALL MEASURES ARE TO BE INSPECTED DAILY BY THE SUPERINTENDENT. ANY DAMAGED STRUCTURES WILL BE REPAIRED BY THE CLOSE OF THE DAY, AND ANY VEGETATED AREA DAMAGED WILL BE REPAIRED WITHIN TWO DAYS. CONTROLS WILL BE REMOVED AFTER AREAS ABOVE THEM HAVE BEEN STABILIZED WITH GRASS, MULCH OR PAVING AND BASE COMPLETELY IN PLACE, WITH INSPECTOR'S APPROVAL.

TEMPORARY SEEDING AND MULCHING

MUST BE APPLIED ON ANY BARE SURFACE THAT WILL BE INACTIVE FOR MORE THAN SEVEN DAYS.

ALL EROSION-SILTATION CONTROL DEVICES AND MEASURES SHALL CONFORM TO THE LATEST EDITION OF THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK".

GENERAL CONSTRUCTION NOTE

- * 1) LOTS 1-4 SHALL REQUIRE 36" CL III RCP 36" CMP OR OTHER HYDRAULICALLY EQUIVALENT STRUCTURE TO BE PLACED IN THE EXISTING PROPOSED DITCH TO FACILITATE A DRIVEWAY CROSSING FOR EACH LOT (DESIGN Q10 + 45.08 CFS)

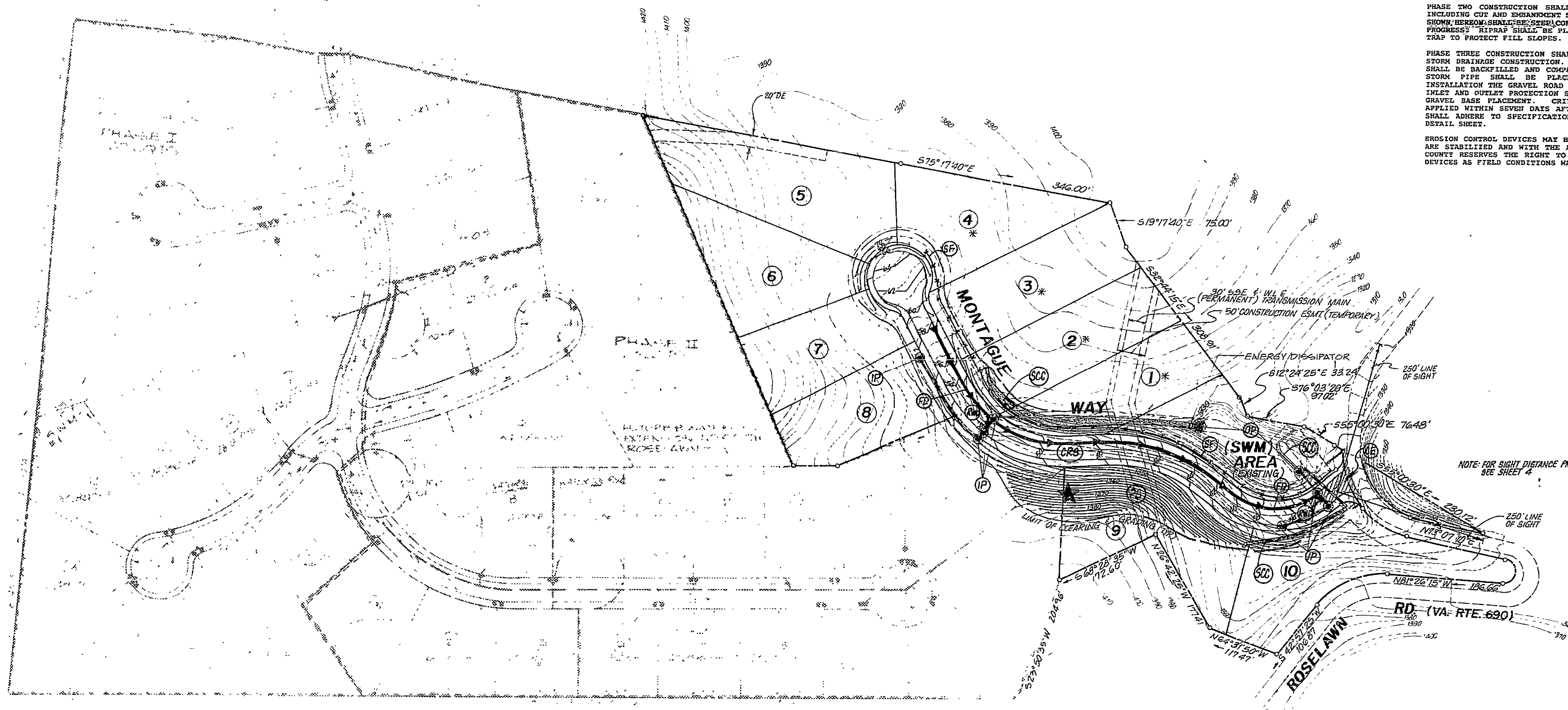
EROSION CONTROL PHASING NOTES

PHASE ONE SHALL CONSIST OF CLEARING AND GRUBBING ON-SITE AREAS. ALL PERIMETER EROSION-SEDIMENT CONTROL DEVICES SHALL BE PLACED AS THE FIRST STEP IN GRADING. THE STORMWATER MANAGEMENT POND AND TEMPORARY SEDIMENT BASIN SHALL ALSO BE CONSTRUCTED AND IMMEDIATELY STABILIZED.

PHASE TWO CONSTRUCTION SHALL CONSIST OF ROAD BED CONSTRUCTION INCLUDING CUT AND EMBANKMENT SLOPES. EROSION-SEDIMENT DEVICES SHOWN HEREON SHALL BE INSTALLED IMMEDIATELY AFTER GRADING OF EACH PHASE. RIPSAP SHALL BE PLACED AS SHOWN, ALONG WITH S SEDIMENT TRAP TO PROTECT FILL SLOPES.

PHASE THREE CONSTRUCTION SHALL CONSIST OF UTILITY TRENCHING AND STORM DRAINAGE CONSTRUCTION. AFTER UTILITY PLACEMENT, TRENCHES SHALL BE BACKFILLED AND COMPACTED AS REQUIRED. INLET AND OUTLET AND STORM PIPES SHALL BE PLACED CONCURRENTLY. AFTER UTILITY INSTALLATION THE GRAVEL ROAD BASE SHALL BE APPLIED AS SPECIFIED. INLET AND OUTLET PROTECTION SHALL BE INSTALLED IMMEDIATELY AFTER GRAVEL BASE PLACEMENT. CRITICAL SLOPE STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS AFTER REACHING FINAL GRADE. SEEDING SHALL ADHERE TO SPECIFICATIONS DICTATED ON THE EROSION CONTROL DETAIL SHEET.

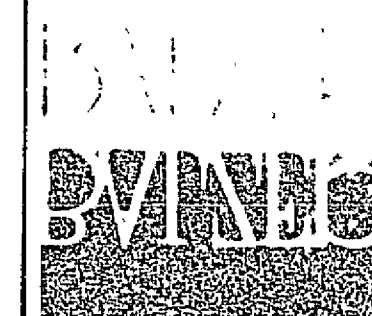
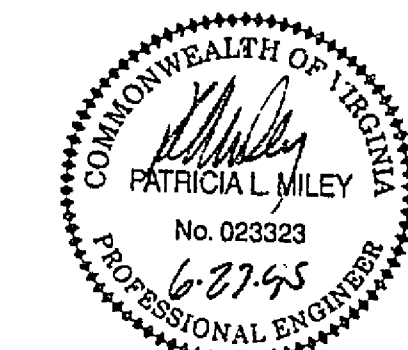
EROSION CONTROL DEVICES MAY BE REMOVED AFTER ALL DISTURBED AREAS ARE STABILIZED AND WITH THE APPROVAL OF THE INSPECTOR. ROANOKE COUNTY RESERVES THE RIGHT TO REQUIRE ADDITIONAL EROSION CONTROL DEVICES AS FIELD CONDITIONS WARRANT THEIR PLACEMENT.



OVERVIEW & E.S.C. PLAN

SCALE: 1" = 100'

- ② REV. ROANOKE COUNTY
- ③ REV. PE PER VDOT
- ③ REV. INLET 2A
- ② REV. 8-3-95 PER AGENCIES COMMENTS
- ① REV. 6-21-95 PER AGENCIES COMMENTS



OVERVIEW & E.S.C. PLAN
 WEXFORD
 PHASE III
 ROANOKE COUNTY - VIRGINIA

MAY 31, 1995

- ① JUNE 27, 1995
- ② AUG 3, 1995
- ③ DEC 12, 1995
- ③ JAN 22, 1996
- ④ JAN 30, 1996
- ⑦ APRIL 19, 1996

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RC-6512