VIRGINIA DEPARTMENT OF TRANSPORTATION
GENERAL NOTES

1. QUALITY CONTROL

Streets to be graded, paved and all structural components erected in accordance with the Virginia Department of Transportation Road and Bridge Specifications and Road Design Standards dated January, 1987. All materials used shall be tested in accordance with standard policies. The developer must contact the office of the Resident Engineer, prior to beginning any construction, at which time an Inspection and Testing Procedure Policy will be drawn. The developer will produce test reports from approved independent laboratories at the developer's expense.

The pavement designs shown are based on a subgrade rating of CBR10 or greater. The subgrade soil is to be tested by an independent laboratory and the results submitted to the Virginia Department of Transportation prior to pavement construction. Should the subgrade CBR values be less than CBR10, then additional base material will be required in accordance with departmental specifications.

The subgrade must be approved by Virginia Department of Transportation prior to placement of the base. Base must be approved by Virginia Department of Transportation for depth, template and compaction before surface is appiied.

2. UTILITIES

All necessary utility laterals will be placed prior to pavement base and conduit provisions made for the same (i.e., water, sewer, gas and telephone).

Gas or petroleum transmission lines will not be permitted within the pavement or shoulder element (back of curb to back of curb) of this development. Service laterals crossing and pipe lines located outside the pavement but inside the right-of-way will be constructed in conformity with ASA B 31.8 Specifications and Safety Regulations. Distribution lines with pressures less than 120 lbs. are unaffected by the above.

Permits will be required for all utilities within street right-of-way prior to acceptance into the secondary highway system.

Any easements granted to a utility company for placement of power, telephone, etc. must be released prior to acceptance.

3. PRIVATE ENTRANCES

Standard CG-8 gutter will be provided at all entrances to private lots where standard CG-6 curb and gutter is approved for use.

Permits will be required for all private entrances constructed on street rights-of-way prior to acceptance into the secondary highway system.

4. EROSION CONTROL AND LANDSCAPING

Care must be taken during construction to prevent erosion, dust and mud from damaging adjacent property, clogging ditches, tracking public streets and otherwise creating a public or private nuisance to surrounding areas.

The entire construction area back of curbs and or pavement to be backfilled and seeded together with ditches and channels, at the earliest possible time after final grading.

Drainage easements must be defined by excavated ditches or channels for their full length to well defined existing natural watercourses.

This road will be reviewed during construction for the need of paved gutters. If erosion is encountered in any drainage easement, it will be the responsibility of the developer to sod, rip rap, grout, pave, or to do whatever is necessary to correct the problem.

All vegetation and overburden to be removed from shoulder to shoulder prior to the conditioning (cutting and/or preparation) of the subgrade.

5. Minimum pavement radius of 25 feet required at all street intersections.

6. While these plans have been approved, such approval does not exempt connections with existing state-maintained roads from critical review at the time permit applications are made. This is necessary in order that the prevailing conditions be taken into consideration regarding safety accompaniments such as turning lanes.

7. Standard guardrail with safety end sections may be required on fills as deemed necessary by the VDOT engineer. After completion of rough grading operations, the office of the Resident Engineer, Virginia Department of Transportation, shall be notified so that a field review may be made of the proposed locations

Field review will be made during construction to determine the need and limits of paved gutter and/or ditch stabilization treatments, to determine the need and limits of additional drainage easements. All drainage easements must be cut and made to function to a natural watercourse. Any erosion problems encountered in an easement must be corrected by whatever means necessary prior to subdivision acceptance.

8. Contractor shall obtain entrance permit to the existing Virginia Department of Transportation right-of-way from Resident Engineer prior to road construction.

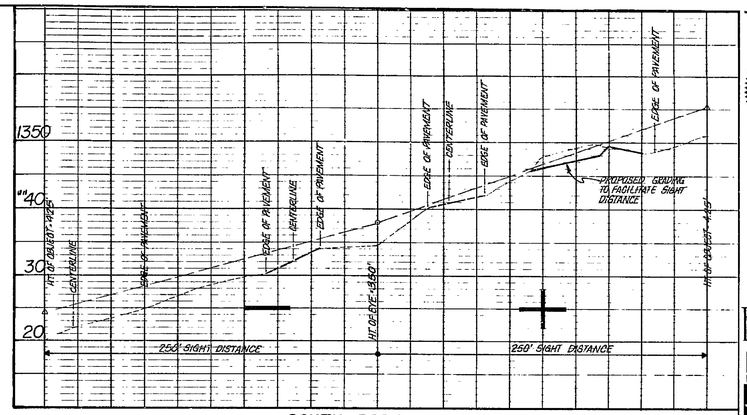
9. An inspector will not be furnished except for periodic progress inspection, the above mentionod field reviews and checking for required stone depths. The developer will be required to post a surety to guarantee the road free of defects for one year after acceptance by the Department of Transportation.

10. The streets must be properly maintained until acceptance. At such time as all requirements have been met for acceptance, another inspection will be made to determine that the street has been properly maintained.

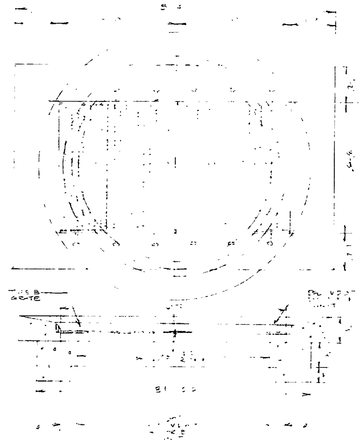
11. In order to meet public service requirements, all streets must serve a minimum of three occupied dwellings prior to acceptance.

12. Contractor shall verify location and elevation of all underground utilities shown on the plans in areas of construction prior to starting work. Contact Engineer immediately if location or elevation is different from that shown on the plan. If there appears to be a conflict, and upon discovery of any utility not shown of this plan, call "Miss Utility" of Central Virginia at 1-800-552-7001.

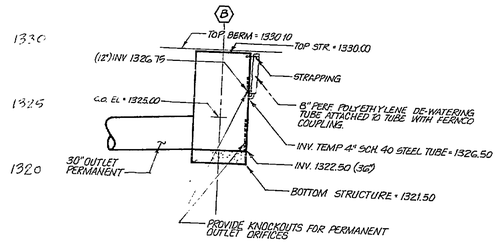
13. Approval of these plans will be based on specifications and standards in effect at the time of approval and will be subject, until completion of the roadway and acceptance by the Department, to future revisions, of the Specifications and Standards.



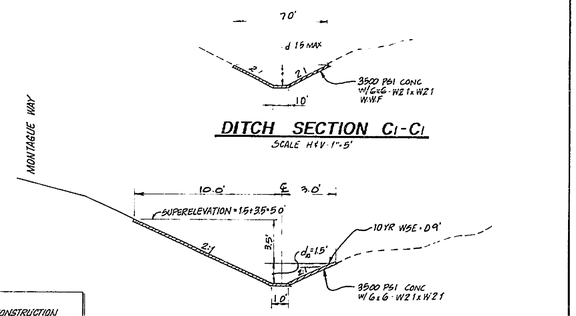
SOUTH ROSELAWN ROAD
SIGHT DISTANCE PROFILE
SCALE H-1"=50', V-1"=10'



DOUBLE DI-7 INLET
NO SCALE



WEXFORD - PHASE II
FIELD REVISION - SWM POND
N.T.S.

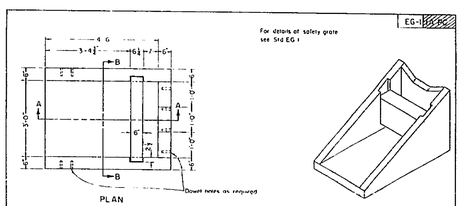


DITCH SECTION C1-C1
SCALE H&V 1"=5'

DITCH SECTION C-C
@ SUPERELEVATION
SCALE H&V 1"=5'

ROADWAY CONSTRUCTION NOTE
A GEOTECHNICAL ENGINEER SHALL BE CONSULTED BEFORE CONSTRUCTION TO CORDINATE SOILS BORINGS IN ORDER TO DETERMINE IF THE EXISTING SUBBASE IS SUITABLE FOR ROADWAY SUPPORT. ONCE THE GEOTECHNICAL ENGINEER HAS GIVEN HIS APPROVAL AND RECOMMENDATION, CONSTRUCTION CAN BEGIN IF A SUBSTANDARD CONDITION EXISTS AN ALTERNATE DESIGN AS DICTATED BY THE GEOTECHNICAL ENGINEER SHALL BE IMPLEMENTED AS REQUIRED. SHOULD ANY EVIDENCE OF UNDERGROUND SPRINGS BE ENCOUNTERED DURING CONSTRUCTION, WHICH MIGRATES UNDER THE ROADWAY OR ROADWAY EMBANKMENT AREAS, THE GEOTECHNICAL ENGINEER SHALL BE CONSULTED IN ORDER TO PROVIDE FOR AN APPROVED ROADWAY UNDERDRAIN DESIGN

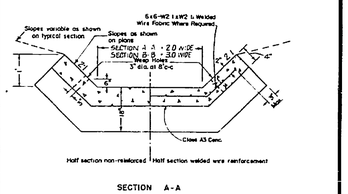
EG-1



SPECIFICATION REFERENCE	PRECAST ENERGY DISSIPATOR
105	VIRGINIA DEPARTMENT of TRANSPORTATION

PG-5

DITCH SECTIONS A-A & B-B



NOTES
Depth (D) and width (W) to be as shown on plans
Weep holes are to be provided on all channels where W is equal to or greater than 4' and D is equal to or greater than 2'
Weep hole with 12"x12" plastic hardware cloth, 1" mesh or galvanized steel wire, minimum wire dia 0.03 inch, number 4 mesh, hardware cloth captured firmly to the bottom of channel

SPECIFICATION REFERENCE	STANDARD PAVED DITCHES
502	VIRGINIA DEPARTMENT of TRANSPORTATION

109 03

② REV PER AGENCIES COMMENTS
① REV PER AGENCIES COMMENTS

COMMONWEALTH OF VIRGINIA
PATRICIA L. MILEY
No. 023323
6-27-95
PROFESSIONAL ENGINEER

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NOTES & DETAILS
WEXFORD
PHASE III
ROANOKE COUNTY - VIRGINIA

DRAWN BY AL
DESIGNED BY JJC
CHECKED BY PLM
DATE MAY 31, 1995

REVISIONS
① JUNE 27 1995
② AUG 3, 1995
③ APRIL 19, 1996

SCALE AS SHOWN
SHEET NO.
4 OF 6

JOB NO
93199-2

RC-6514