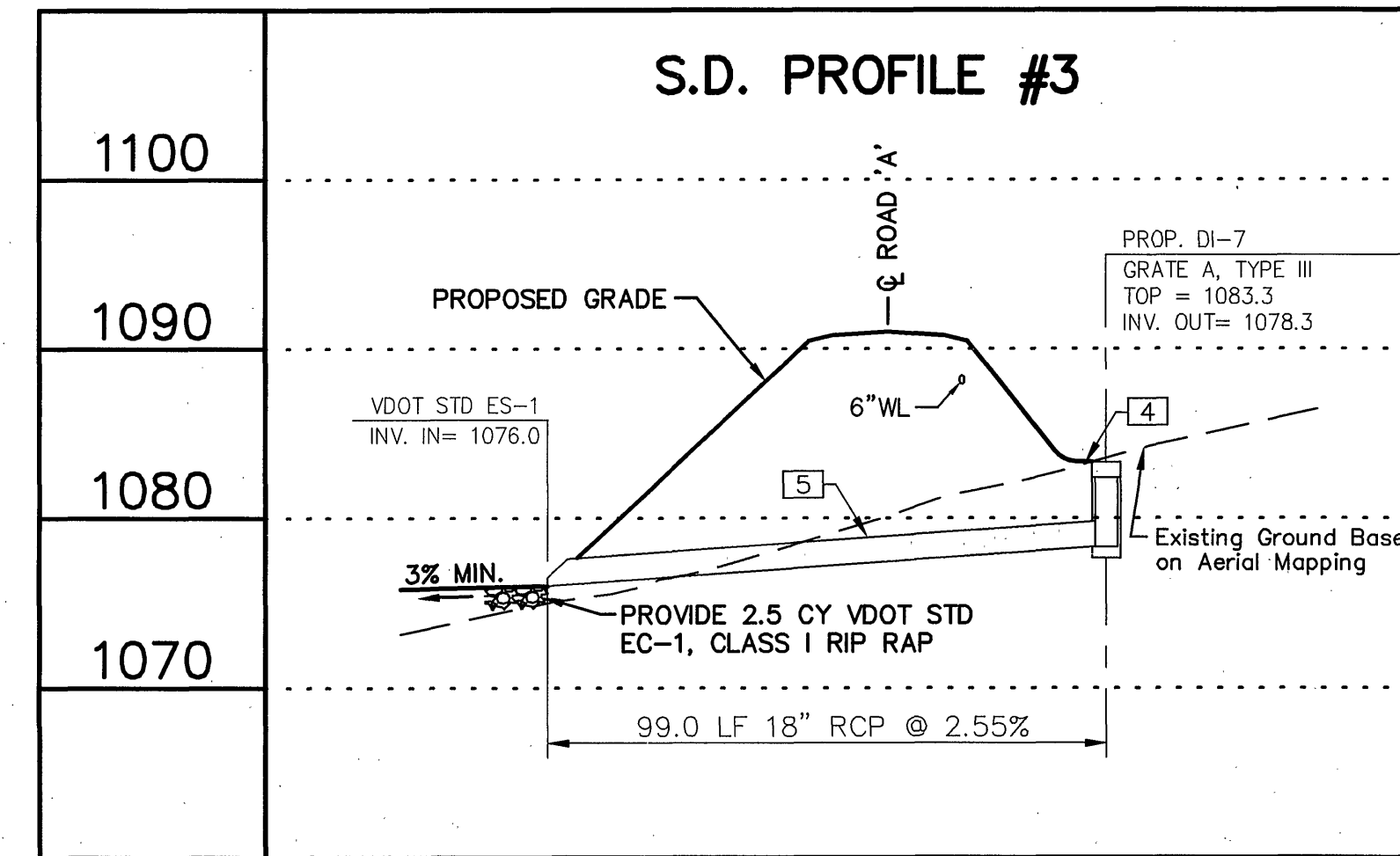
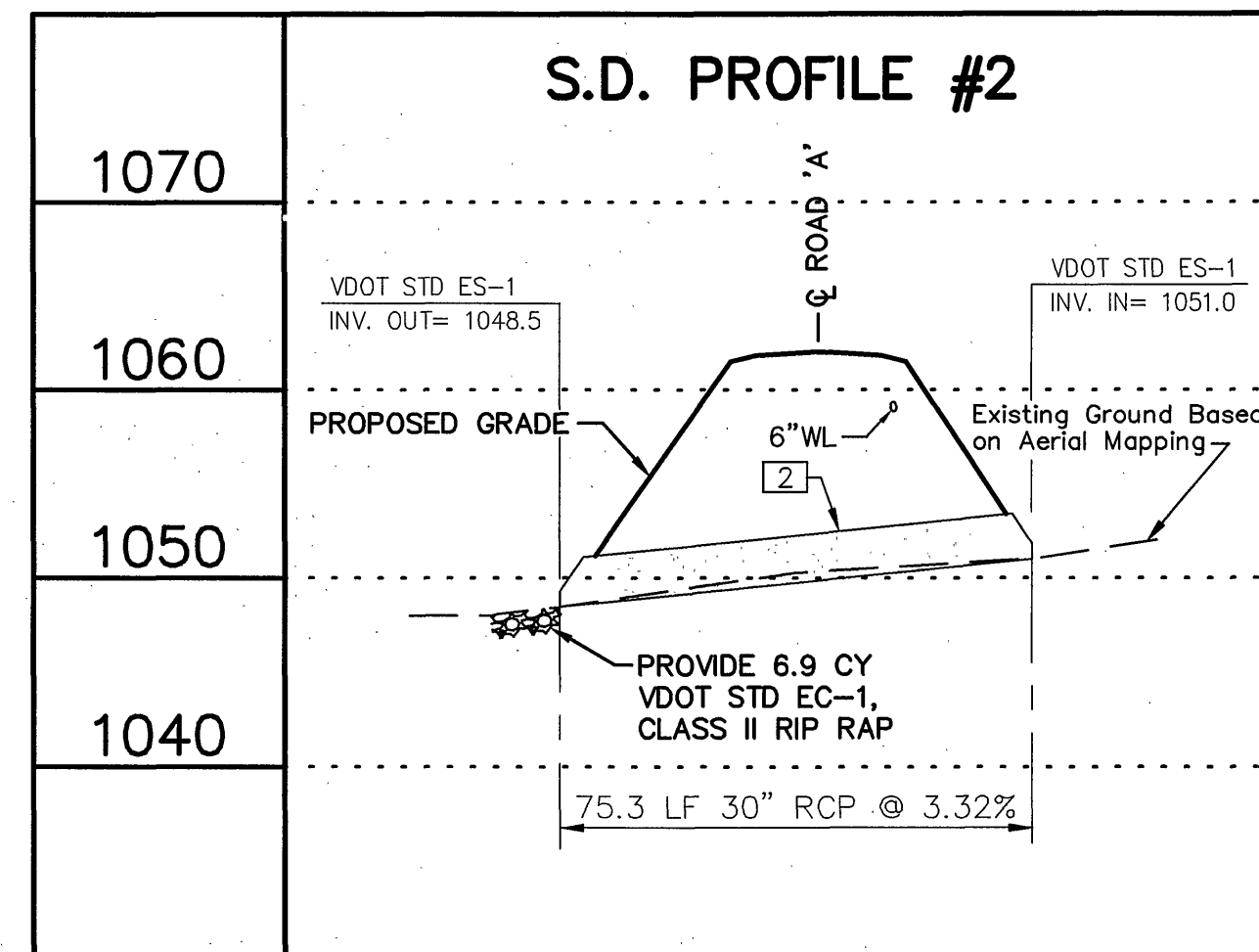
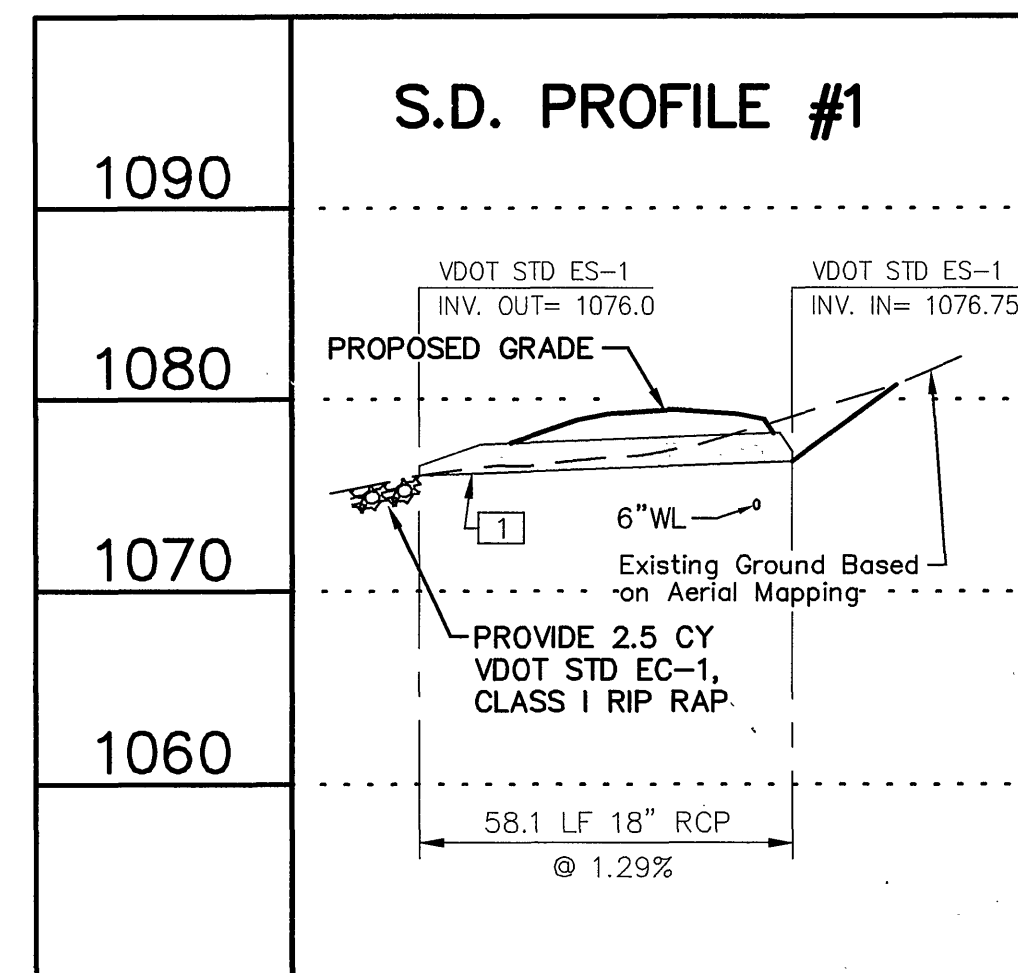
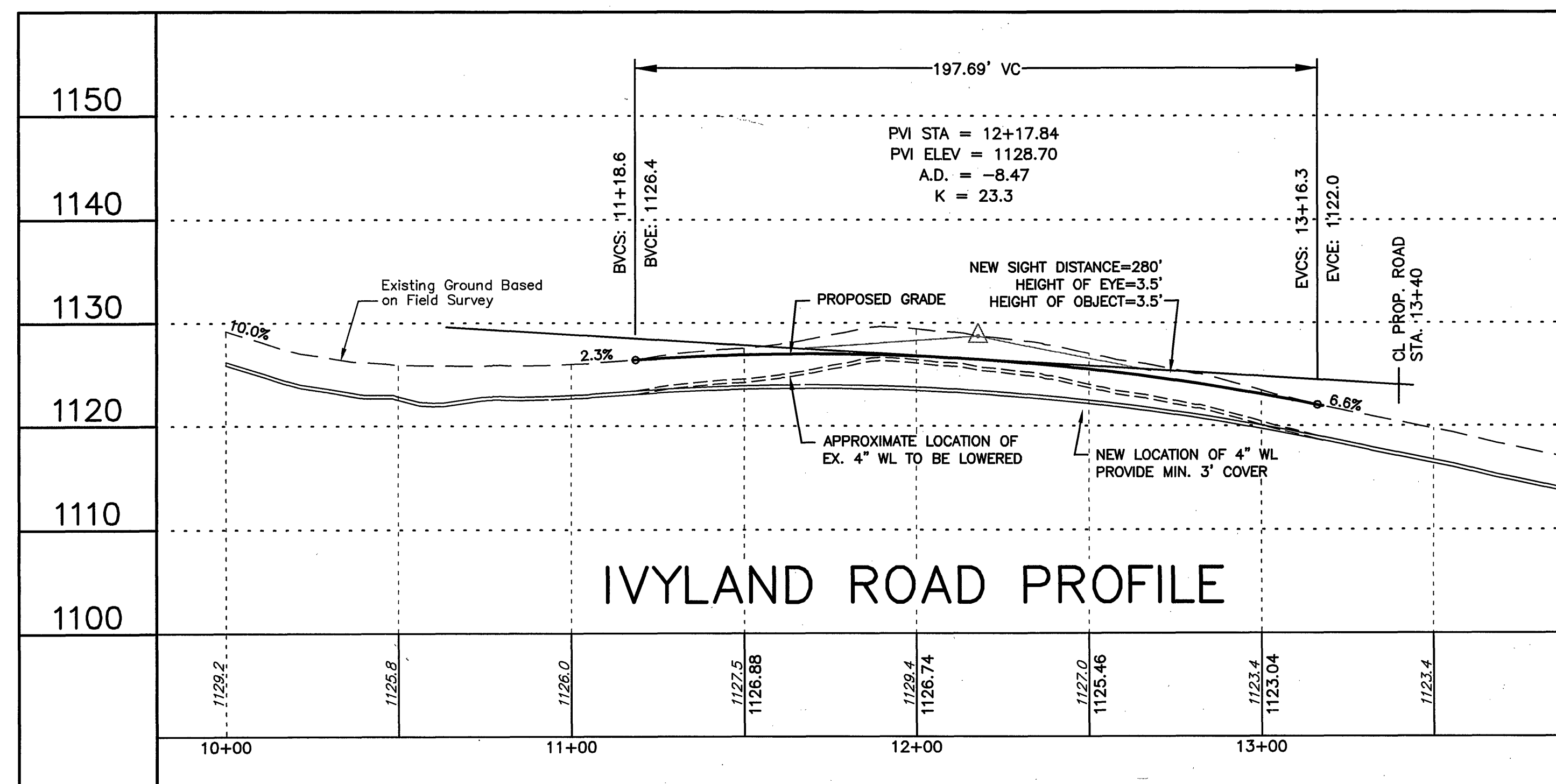
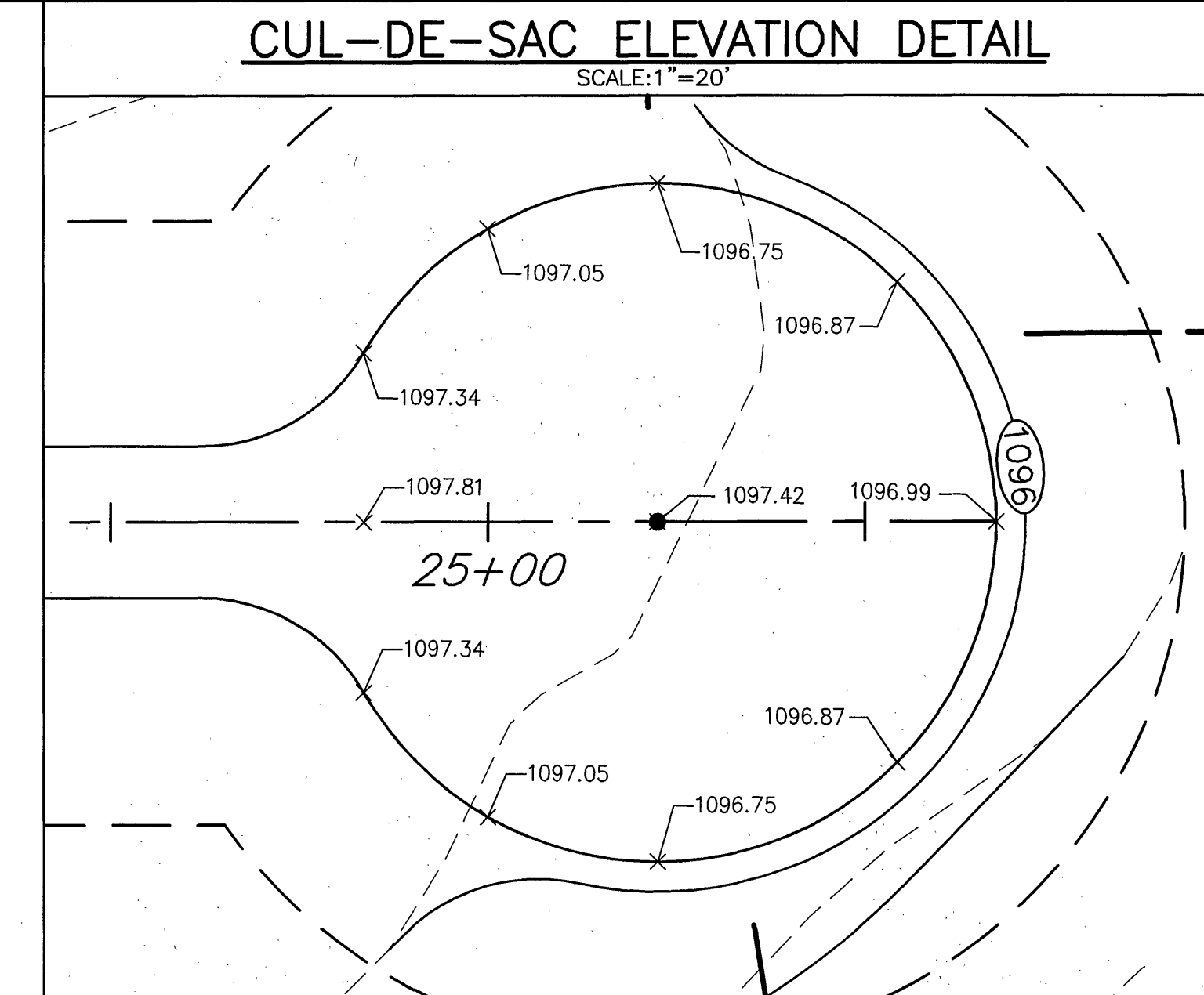


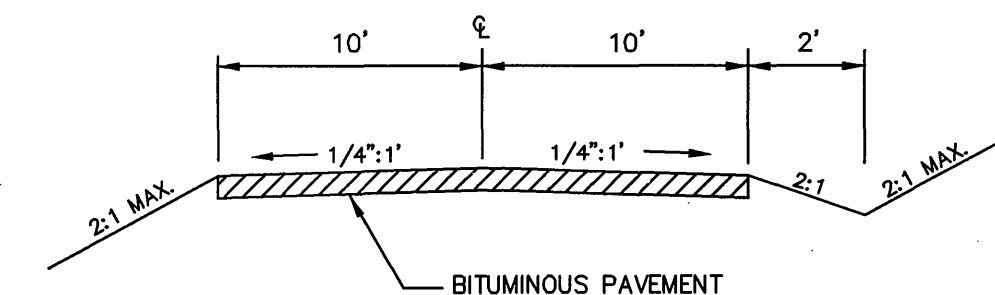


SCALES: HORZ: 1"=30'  
VERT: 1"=10'

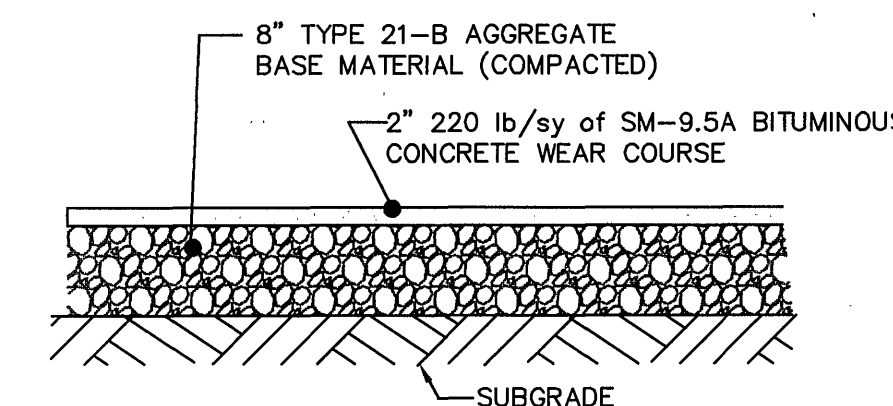


SCALES: HORZ: 1"=30'  
VERT: 1"=10'

**IVYLAND ROAD TYPICAL SECTION**



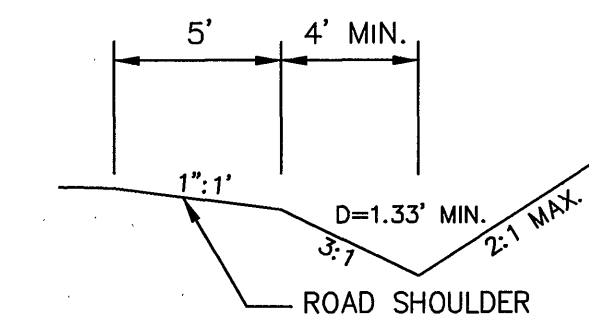
**IVYLAND ROAD PAVEMENT SECTION**



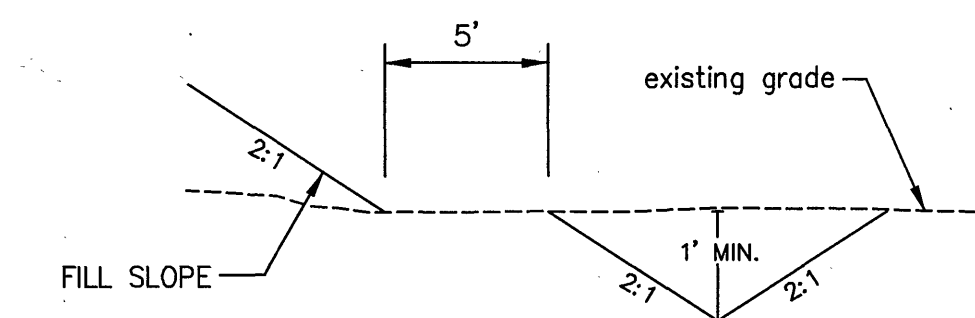
NOTE:  
THE PRELIMINARY PAVEMENT DESIGNS SHOWN ARE BASED ON A PREDICTED SUB-GRADE CBR VALUE OF 7.0 AND A RESILIENCY FACTOR (RF) OF 2.0 AS SHOWN IN APPENDIX I OF THE "2000 VIRGINIA DEPARTMENT OF TRANSPORTATION PAYMENT DESIGN GUIDE FOR SUBDIVISION AND SECONDARY ROADS". THE SUB-GRADE SOIL IS TO BE TESTED BY AN INDEPENDANT LABORATORY AND THE RESULTS SUBMITTED TO VDOT FOR REVIEW AND APPROVAL PRIOR TO BASE CONSTRUCTION. SHOULD THE SUB-GRADE CBR VALUE AND/OR THE RF VALUE BE LESS THAN THE PREDICATED VALUES, ADDITIONAL BASE MATERIAL WILL BE REQUIRED IN ACCORDANCE WITH THE DEPARTMENTAL SPECIFICATIONS. REFER TO THE SAME MANUAL FOR THE NUMBER AND LOCATIONS OF THE REQUIRED SOIL SAMPLES TO BE TESTED.

THE SUB-GRADE SHALL BE APPROVED BY VDOT PRIOR TO PLACEMENT OF THE BASE. BASE SHALL BE APPROVED BY VDOT FOR DEPTH, TEMPLATE AND COMPACTION BEFORE SURFACE IS APPLIED. THE SUBBASE WILL NOT BE INSPECTED BY VDOT PRIOR TO RECEIVING THE CBR TESTS AND SOIL CLASSIFICATIONS. CONTACT VDOT SEVEN (7) DAYS PRIOR TO SCHEDULING PLACEMENT OF AGGREGATE BASE COURSE(S) FOR AN INSPECTION.

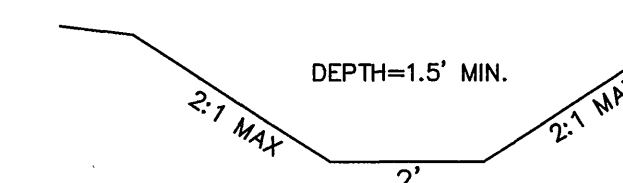
**TYPICAL DITCH SECTIONS**



**ROADSIDE DITCH**

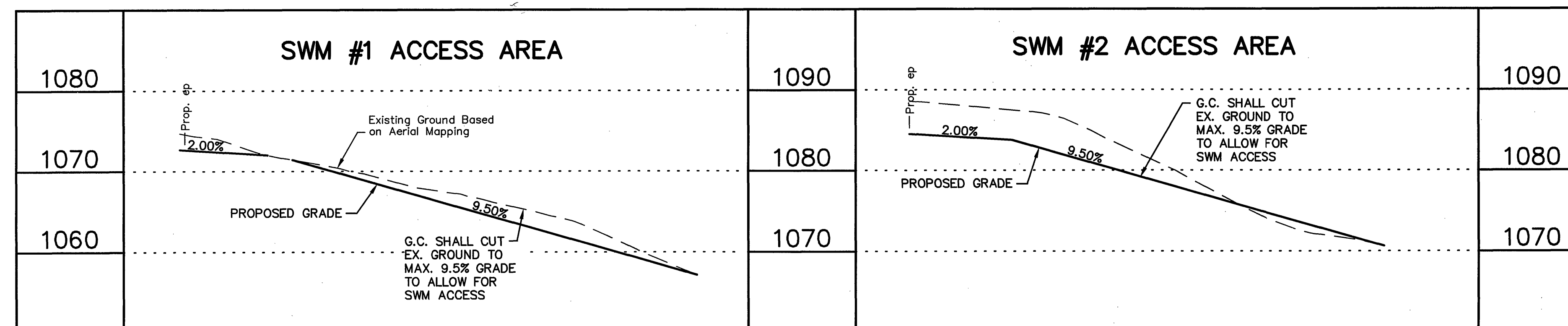


**TOE DITCH**

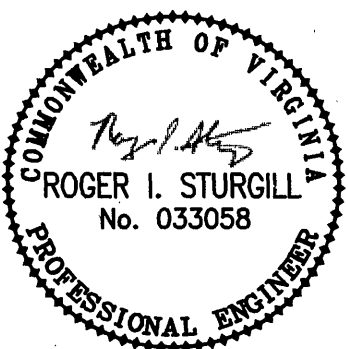
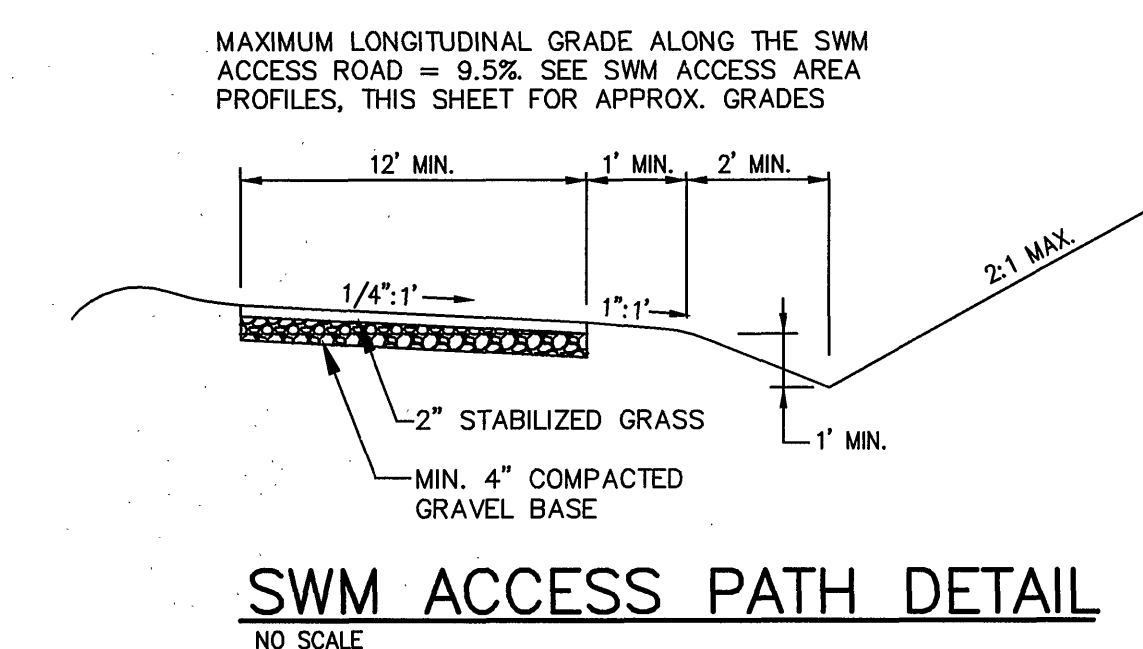


**TRAP DITCH**

\*NOTE: PROVIDE DITCH LINING AS SPECIFIED ON PLANS



SCALES: HORZ: 1"=30'  
VERT: 1"=10'



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**LARKS RIDGE ESTATES**  
STORM PROFILES  
ROANOKE COUNTY, VIRGINIA

DRAWN BY: CPB  
DESIGNED BY: CPB  
CHECKED BY: JVJ  
DATE: 06/26/2006  
REVISIONS:

07/28/2006  
09/01/2006  
10/13/2006  
01/10/2007  
02/06/2007

SCALE: AS SHOWN  
SHEET NO.  
**C-6**  
JOB NO.  
R0600104.00