

THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE 4. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR

MAINTAINED ON THE SITE AT ALL TIMES.

♦ 6. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN ROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE

7. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMEN-

ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEA-SURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.

10. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES EVERY TWO WEEKS AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CON-

PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THA MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THEN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO

12. THE CONTRACTOR IS RESPONSIBLE FOR DAILY REMOVAL OF SEDIMENT THAT HAS

EROSION CONTROL NARRATIV APPROXIMATELY 18.6 AC. OF LAND DISTURBANCE WILL OCCUR DURING THE

SOME CLEARING. POST-DEVELOPED, THE SITE WILL CONSIST OF APPROXIMATELY 14% IMPERVIOUS SURFACES.

AND MACHINE OPERATORS. LIMITS OF CLEARING WILL BE STAKED BY A SURVEY TEAM TO PROTECT AREAS THAT ARE NOT TO BE DISTURBED WITH THIS SECTION.

ROAD ON THE SOUTH. AND BAILEY'S CREEK TO THE NORTH. NO ADJACENT AREAS WILL BE IMPACTED BY THE CONSTRUCTION OF THIS PHASE. OFFSITE IMPACTS WILL BE ADDRESSED WITH FUTURE SECTIONS AS NEEDED.

OFFSITE AREAS: THERE ARE NO OFFSITE AREAS.

UNIT SYMBOLS THAT CORRESPOND WITH THE TABLE ON THE LEFT SIDE OF THE SHEET. THE EROSION FACTORS ARE LISTED THERE AS WELL. STEEPLY SLOPED AREAS NEAR WATERS OF THE U.S. AND WETLANDS CONSIST OF HIGHLY

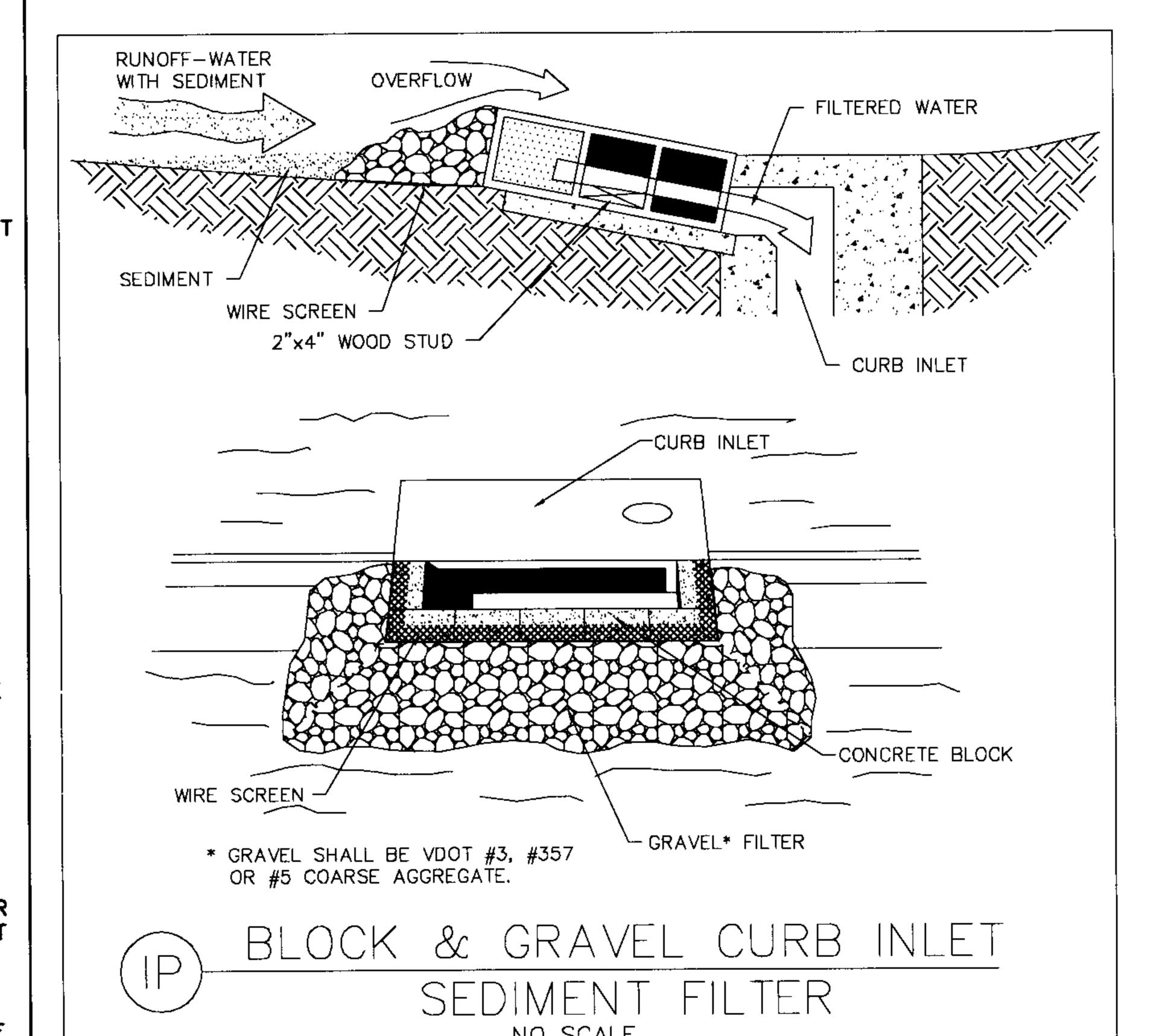
AREAS OF STEEP SLOPES HAVE BEEN OUTLINED ON SHEETS C2.0-C2.1 FOR THE BENEFIT OF THE CONTRACTORS AND MACHINE OPERATORS.

PRIMARY EROSION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PROCESS. TEMPORARY AND PERMANENT SEEDING WILL ALSO BE USED AS NEEDED. SEEDING SHALL BE DONE IN ACCORDANCE WITH TABLES ON SHEET C4.2.

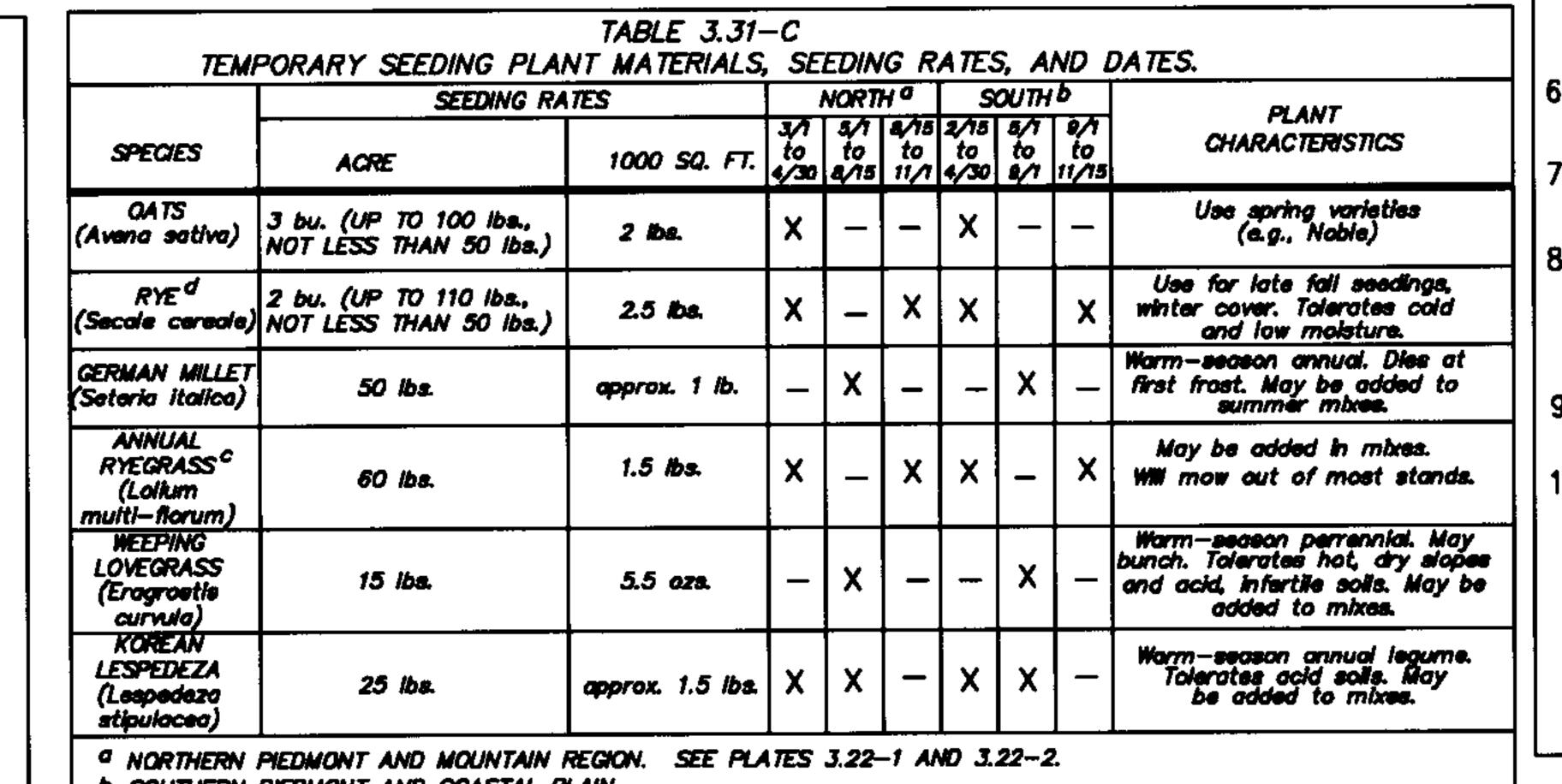
PERMANENT STABILIZATION: ALL DENUDED AND UNGRAVELLED AREAS SHALL BE SEEDED IN ACCORDANCE WITH STATE REGULATIONS. OUTLET PROTECTION AND EC-2 MATTING AT CRITICAL OUTFALLS WILL ALSO SERVE AS PERMANENT STABILIZATION.

THIS DEVELOPMENT. THE DITCHES AND STREAMS USED AS OUTFALL POINTS ARE CONSISTENT FROM THE OUTFALL POIN TO THE WETLANDS ASSOCIATED WITH BAILEY'S CREEK. DURING CONSTRUCTION, INCREASED RUNOFF WILL BE MANAGED THROUGH THE USE OF SILT TRAPS AND SEDIMENT BASINS ..

CALCULATIONS: ALL STORM SEWER AND MS-19 ANALYSIS CALCULATIONS HAVE BEEN SUBMITTED TO COUNTY AND STATE OFFICIALS FOR REVIEW.



EROSION AND SEDIMENT CONTROL HANDBOOK, 3RD ED., 1993



ATTACH FILTER FABRIC TO STAKES OR POSTS & EXTEND IT INTO TRENCH----WOODEN STAKE STEEL POST LENGTH = 5' MIN. EXCAVATED SOIL BACKFILLED AND COMPACTED 4"x4" TRENCH-FENCEVIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, 1993, 3RD ED

EROSION CONTROL SEQUENCE OF EVENTS

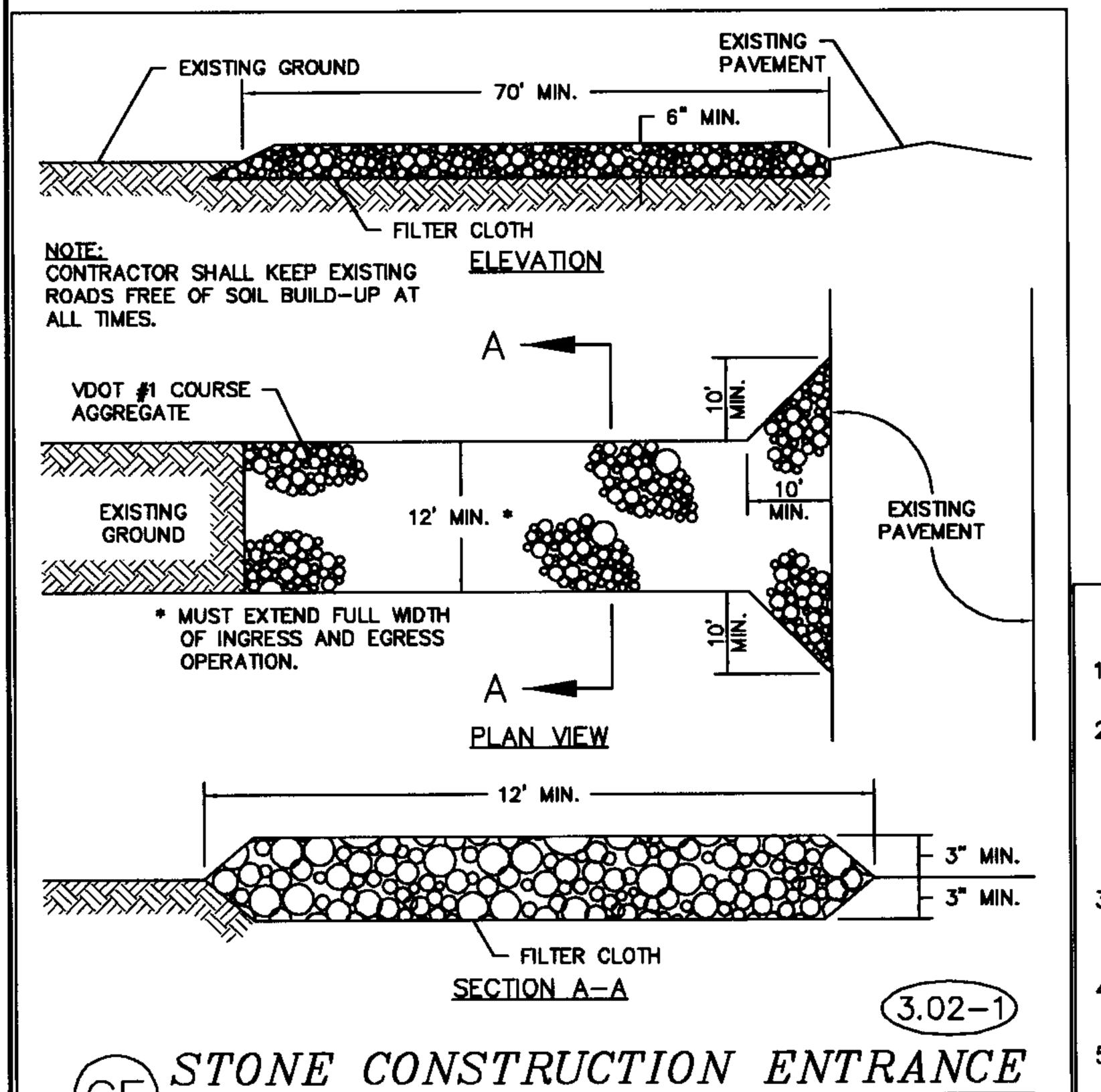
BASINS, DIVERSION DITCHES, AND PERIMETER SILT FENCE AS PER PLAN. I. ONCE DOWN STREAM EROSION CONTROL MEASURES ARE INSTALLED, THE TEMPORARY SEDIMETN TRAP INSTALLED WITH SECTION 3 AT THE END OF JADEN DRIVE CAN BE REMOVED.

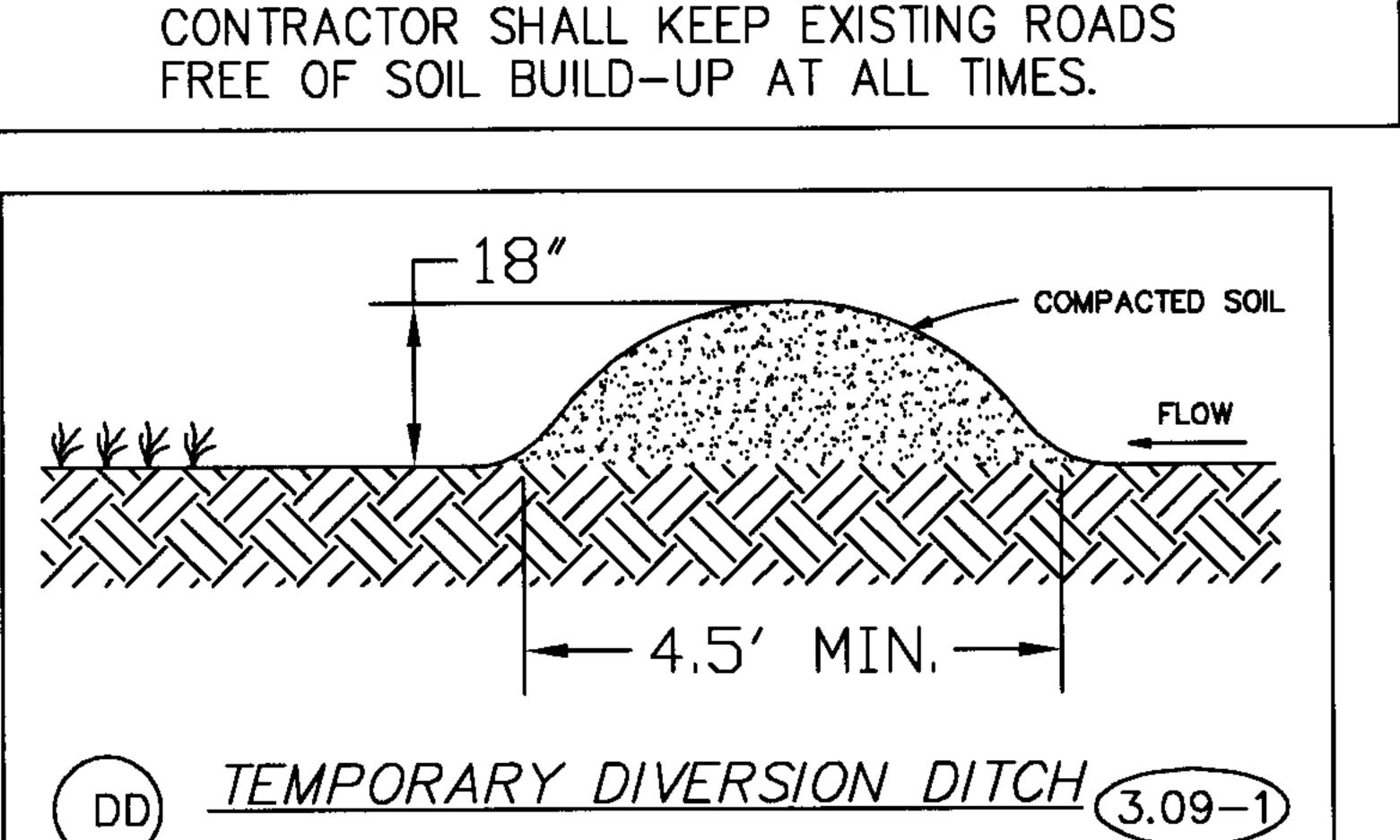
BEGIN ROAD CONTRUCTION, AND INSTALL STORM SEWER, DRAINAGE DITCHES, AND UTILITIES AS PER PLAN. INSTALL ONLY THE FIRST 16' OF STORM STRUCTURE 58 TO OUTFALL INTO TEMPORARY SEDIMENT BASIN 2 AT THIS TIME. 6. IMMEDIATELY AFTER PLACING BASE STONE AND INSTALLATION OF CURB & GUTTER, INSTALL INLET PROTECTION AS PER PLAN.

, finish road construction as shown on plans. Seed denuded areas as soon as POSSIBLE AND MULCH ALL DISTURBED AREAS. INSTALL PAVEMENT.

8. ONCE ROAD CONSTRUCTION IS COMPLETE, AND SITE IS STABILIZED, COMPLETELY FLUSH STORM SEWER STRUCTURES TO REMOVE ANY ACCUMULATED SEDIMENT. REMOVE TEMPORARY SEDIMENT BASINS 1 & 2 AND SEDIMENT TRAP 1. COMPLETE INSTALLATION OF STORM CONTINUING MAINTENANCE PRACTICES SHALL BE PERFORMED TO ENSURE PROTECTION OF

10. NO EROSION CONTROL DEVICE SHALL BE REMOVED UNTIL AN ADEQUATE STAND OF GRASS HAS BEEN OBTAINED.





NO SCALE

GEORGE COUNTY ORDINANCE INCLUDING THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND VIRGINIA REGULATIONS 4VAC50-30 EROSION AND

TO OR AS THE FIRST STEP IN CLEARING.

V 5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE

PLAN APPROVING AUTHORITY.

TATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.

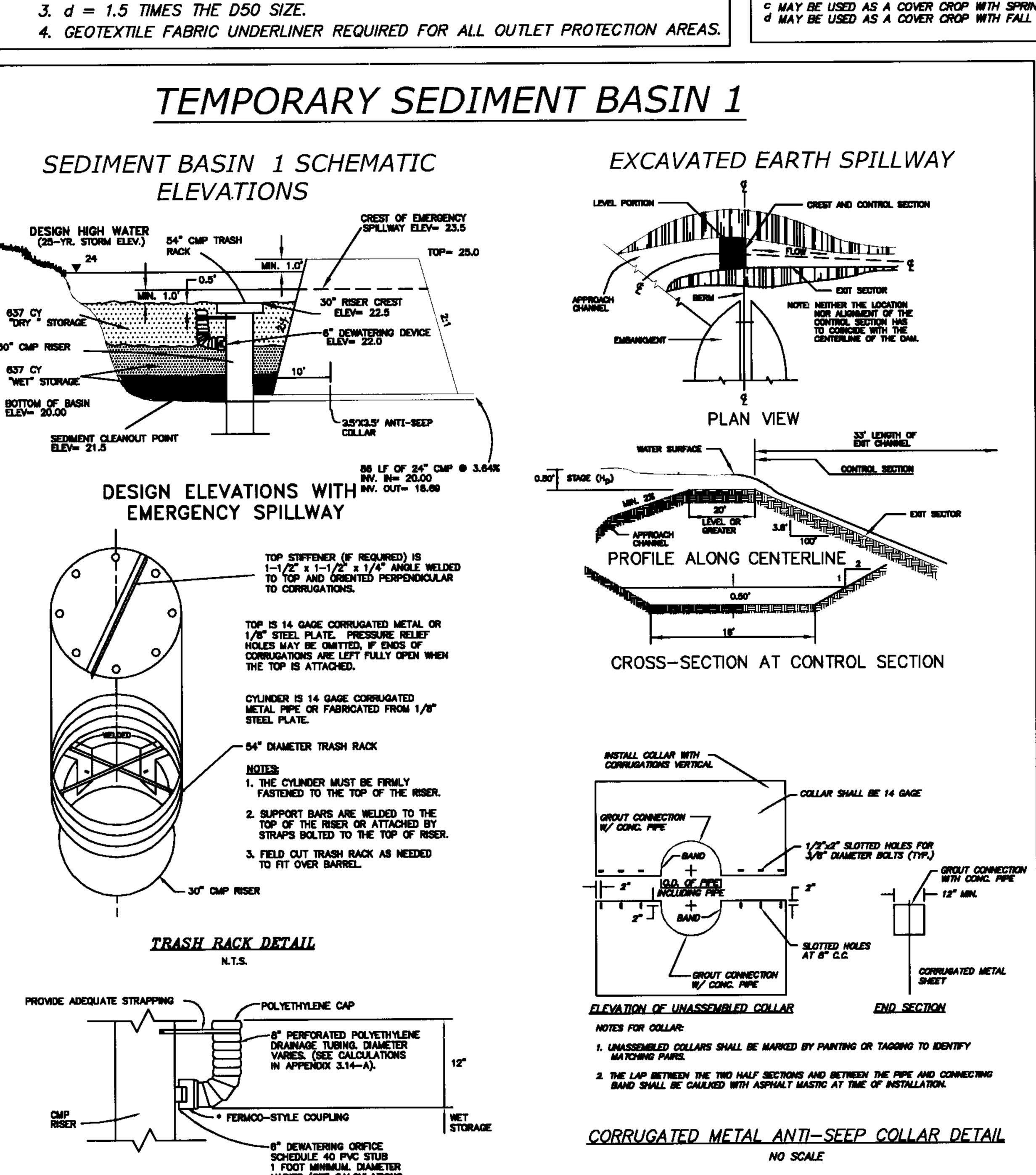
). DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.

TROL DEVICES SHALL BE MADE IMMEDIATELY

AREAS THAT ARE LEFT DORMANT FOR MORE THAN ONE YEAR.

BEEN TRANSPORTED ONTO A PAVED OR PUBLIC ROAD SURFACE.

MOVEMENT OF DUST FROM EXPOSED SOILS WHICH MAY PRESENT A HEALTH HAZARD, TRAFFIC SAFETY PROBLEM, OR HARM ANIMAL OR PLANT LIFE.



SECTION A-A

. APRON LINING MAY BE RIPRAP, OR GROUTED RIPRAP.

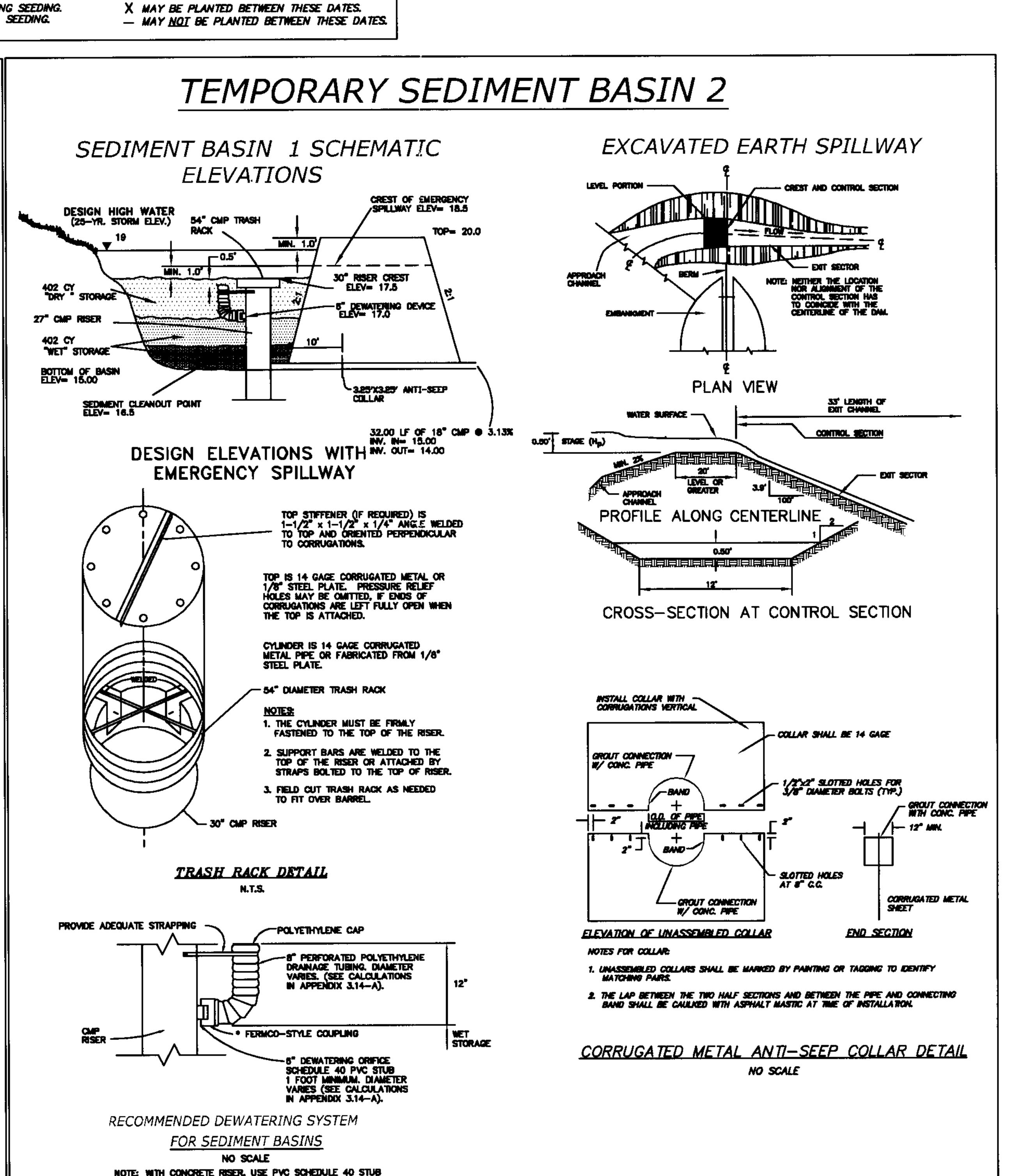
PLATES 3.18-3 AND 3.18-4 OF VA E&S HANDBOOK.

RECOMMENDED DEWATERING SYSTEM

FOR SEDIMENT BASINS

* DRAINAGE TUBING SHALL COMPLY WITH ASTM F867 AND AASHTO M294

2. La IS THE LENGTH OF THE RIPRAP APRON AS GALCULATED USING



* DRAINAGE TUBING SHALL COMPLY WITH ASTM F887 AND AASHTO M294

DRAWN BY K. HALPAUS DESIGNED B K. HALPAUS CHECKED B D. JOHNSON

Ш

JOB NO. SHEET NO C4.2