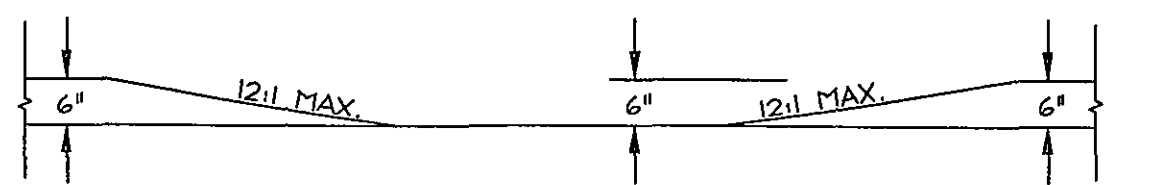
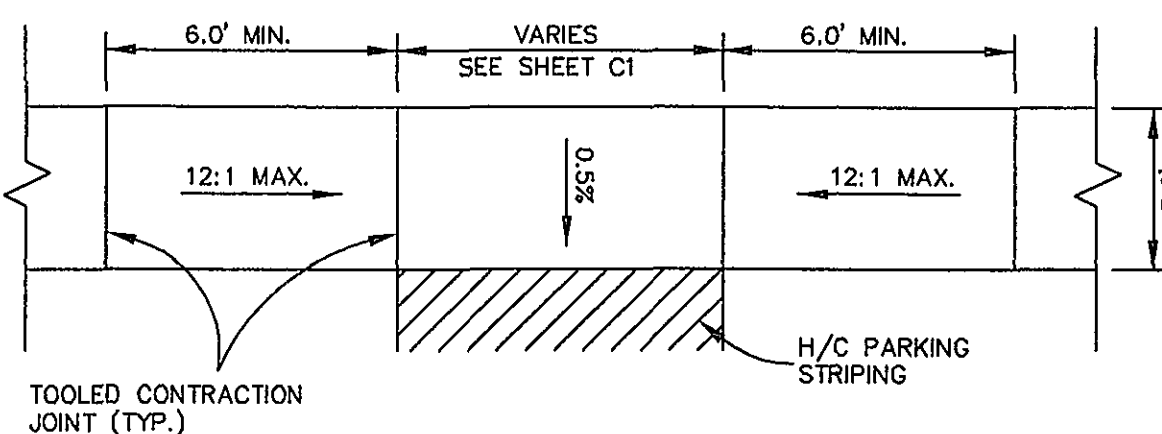


SIDEWALK SECTION  
NOT TO SCALE

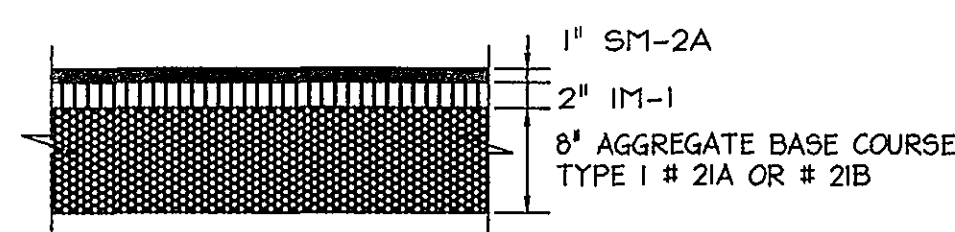


SECTION VIEW

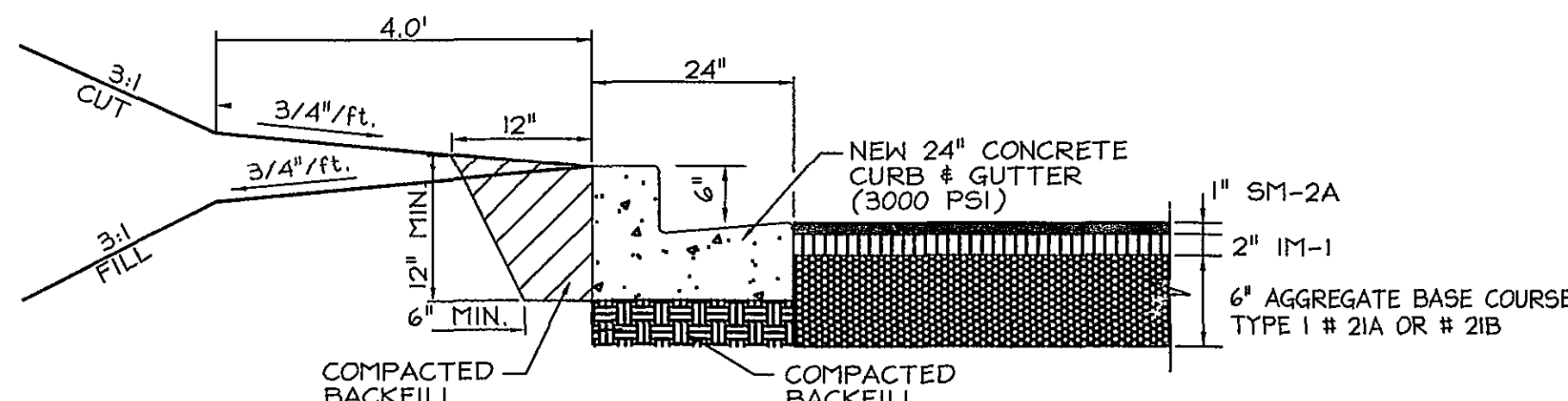


PLAN VIEW

SIDEWALK DEPRESSION DETAIL  
NOT TO SCALE

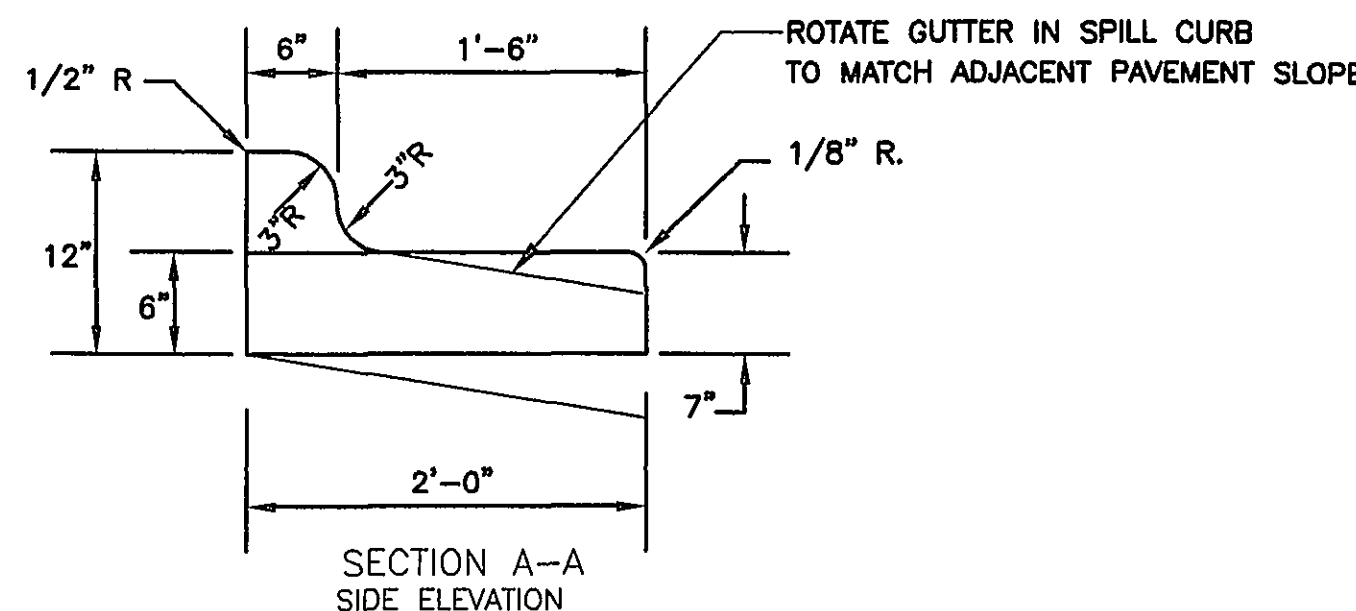


TYPICAL ASPHALT PAVEMENT  
SECTION IN VEHICULAR AREAS



TYPICAL ASPHALT PAVEMENT  
SECTION IN PARKING AREAS

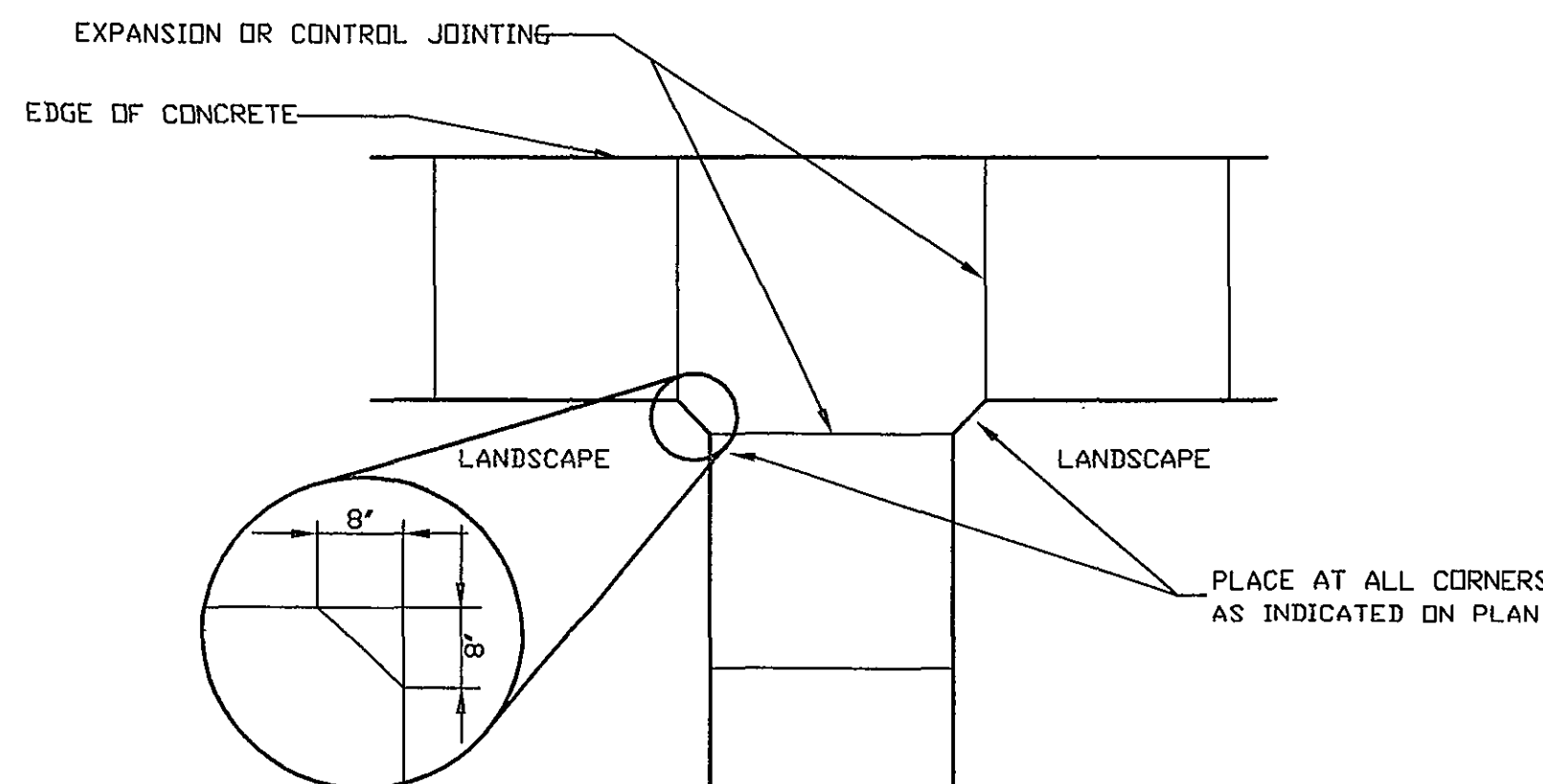
STANDARD PAVEMENT SECTIONS  
NOT TO SCALE



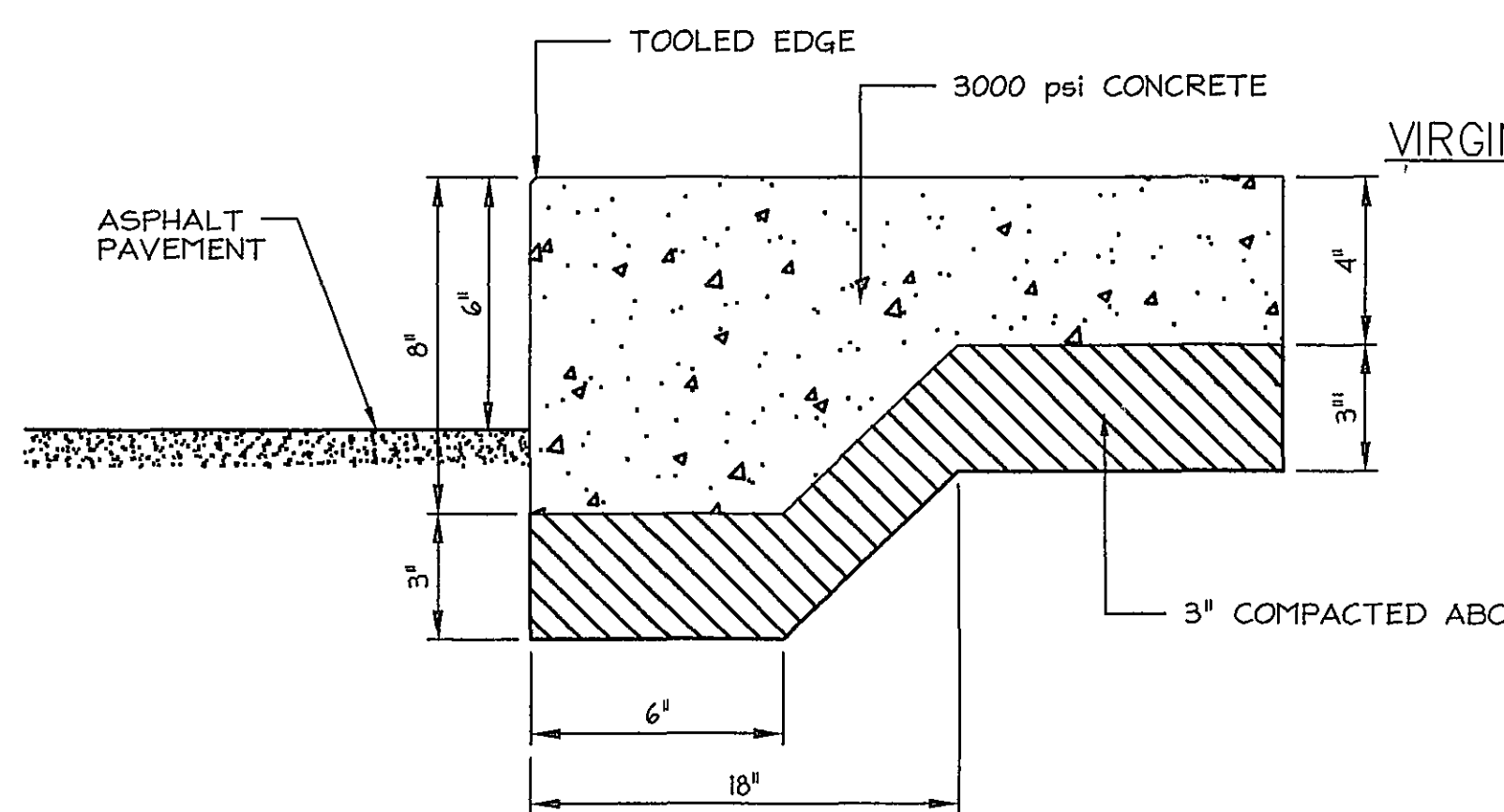
NOTES: 2'-0" CURB AND GUTTER

1. CONCRETE SHALL BE 3000 P.S.I.
2. CONTRACTION JOINTS SHALL BE SPACED AT 10' INTERVALS. (A 15' SPACING WILL BE ALLOWED WHEN A MACHINE IS USED.)
3. FINISH ALL CONCRETE WITH CURING COMPOUND
4. ALL NEW CURB AND GUTTER ALONG SOUTH STREET AND ENTRANCE SHALL MATCH EXISTING

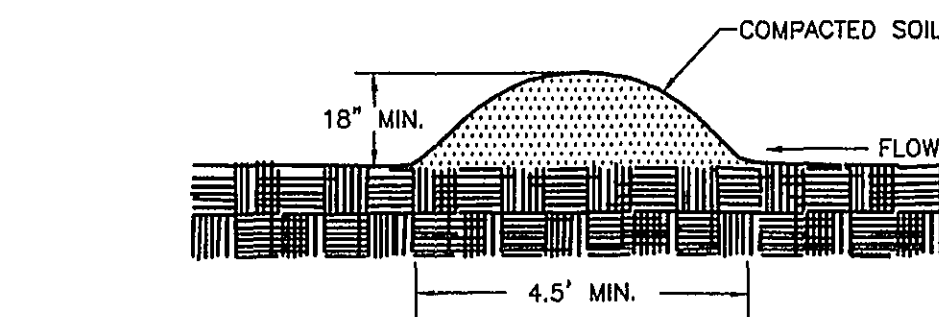
STANDARD CONCRETE CURB AND GUTTER  
NOT TO SCALE



SIDEWALK CORNER DETAIL  
NOT TO SCALE



SIDEWALK ADJACENT TO  
PARKING AREAS  
NOT TO SCALE



SOURCE: VA, DSWC

PLATE 3.09-1

SIDE SLOPES

1 1/2 : 1 OR FLATTER, ALONG WITH A MINIMUM BASE WIDTH OF 4.5 FEET (SEE PLATE 3.09-1).

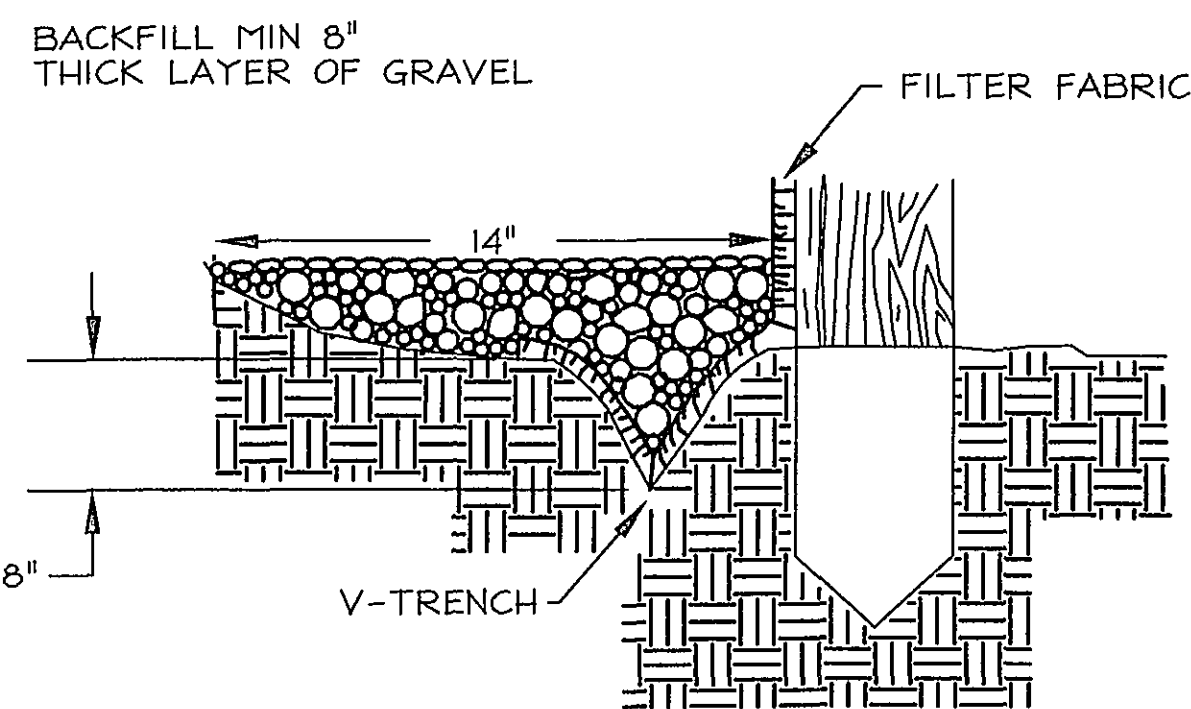
GRADE

THE CHANNEL BEHIND THE DIKE SHALL HAVE A POSITIVE GRADE TO A STABILIZED OUTLET. IF THE CHANNEL SLOPE IS LESS THAN OR EQUAL TO 2%, NO STABILIZATION IS REQUIRED. IF THE SLOPE IS GREATER THAN 2%, THE CHANNEL SHALL BE STABILIZED IN ACCORDANCE WITH STD. & SPEC. 3.17, OUTLET

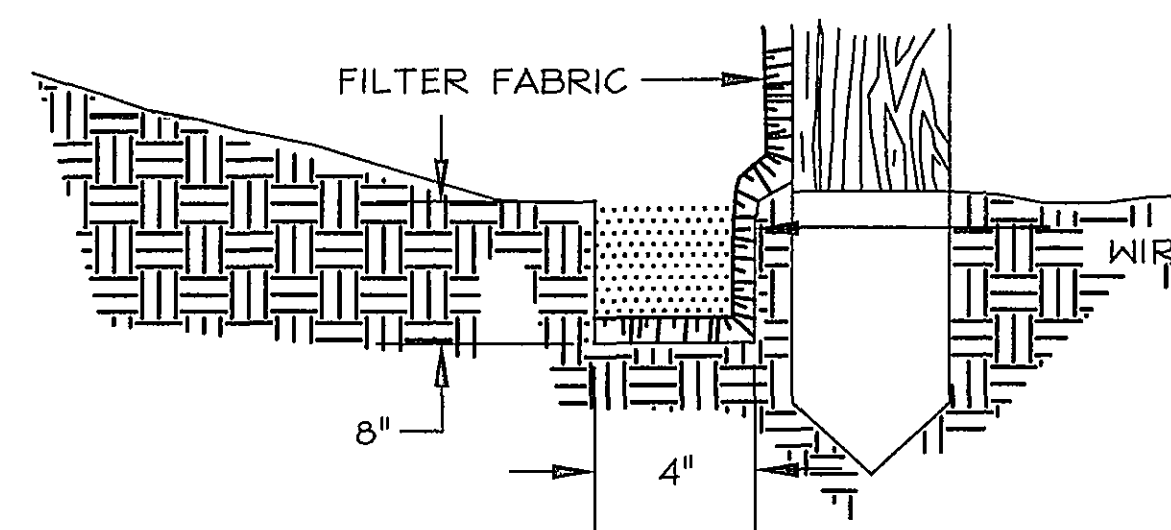
1. THE DIVERTED RUNOFF, IF FREE OF SEDIMENT MUST BE RELEASED THROUGH A STABILIZED OUTLET OR CHANNEL.

HEIGHT: THE MINIMUM ALLOWABLE HEIGHT MEASURED FROM THE UPSLOPE SIDE OF THE DIKE IS 18 INCHES (SEE PLATE 3.09-1)

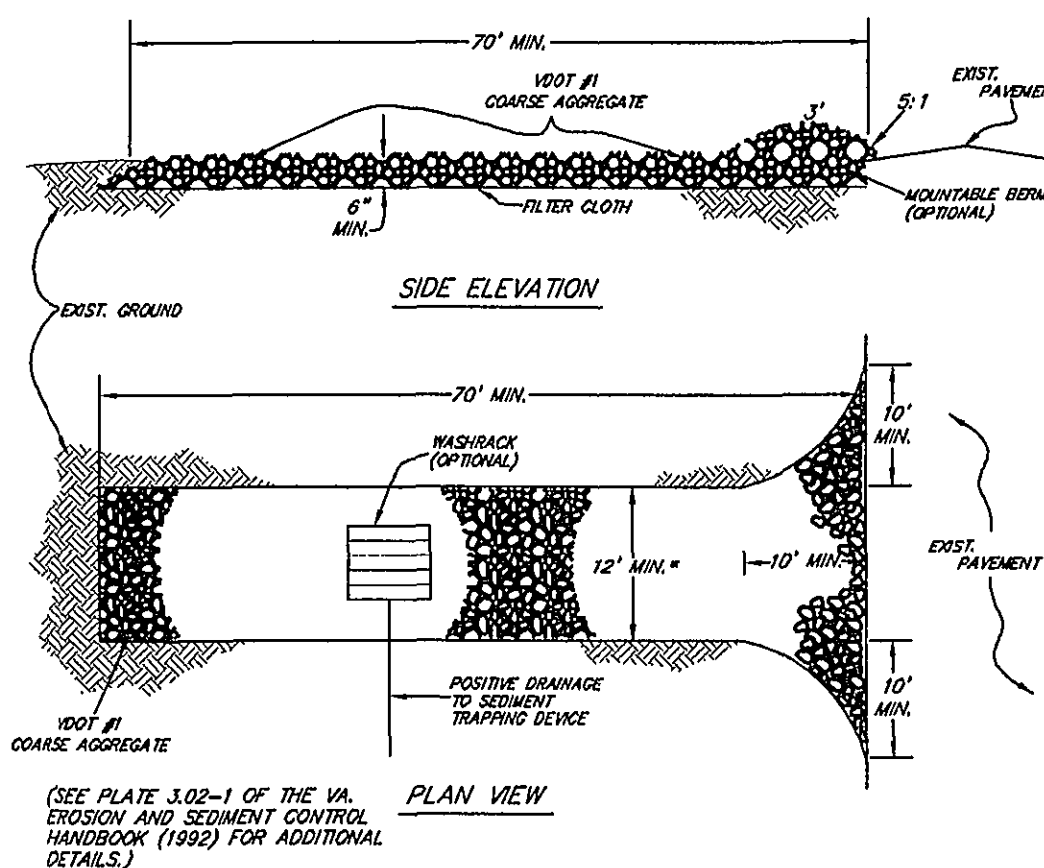
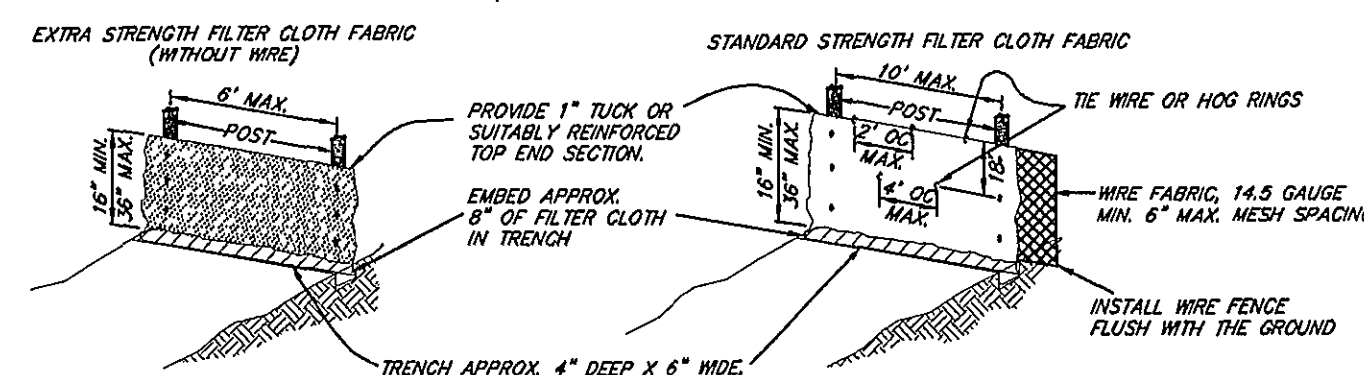
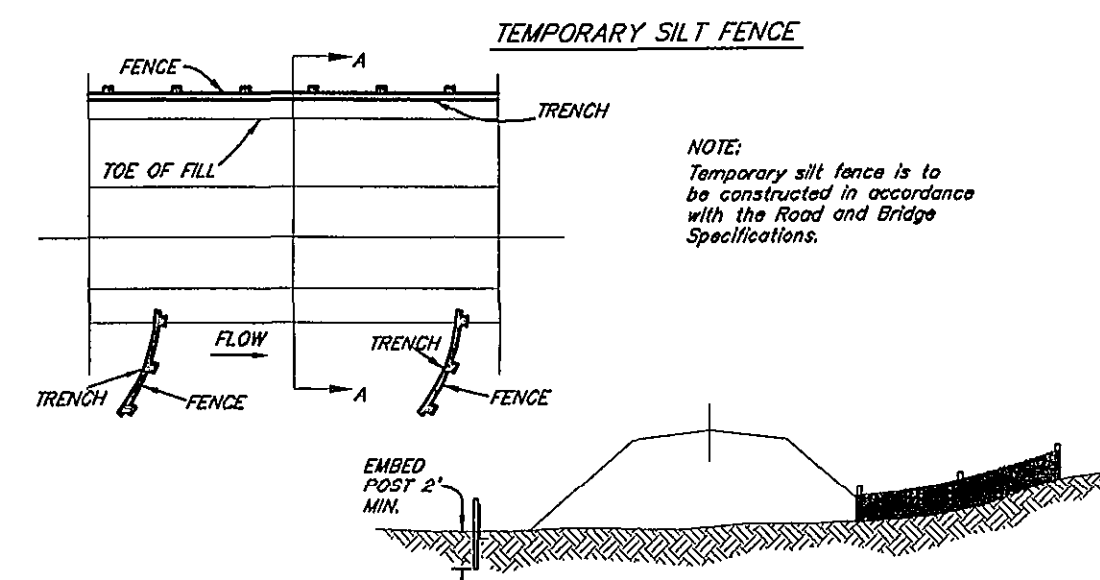
TEMPORARY DIVERSION DIKE  
NOT TO SCALE



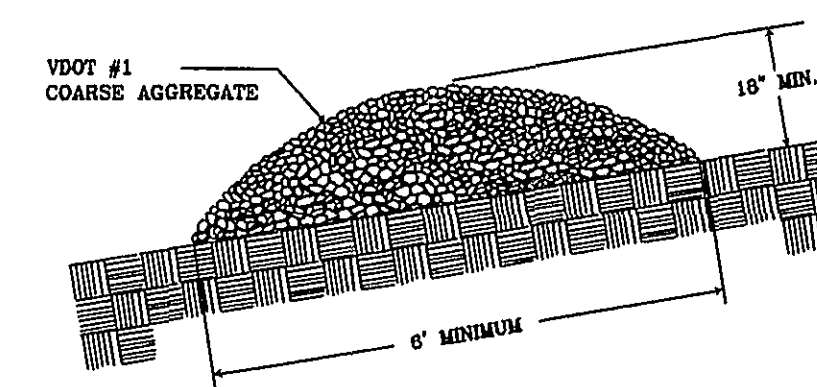
EXTENSION OF FABRIC AND WIRE INTO THE TRENCH



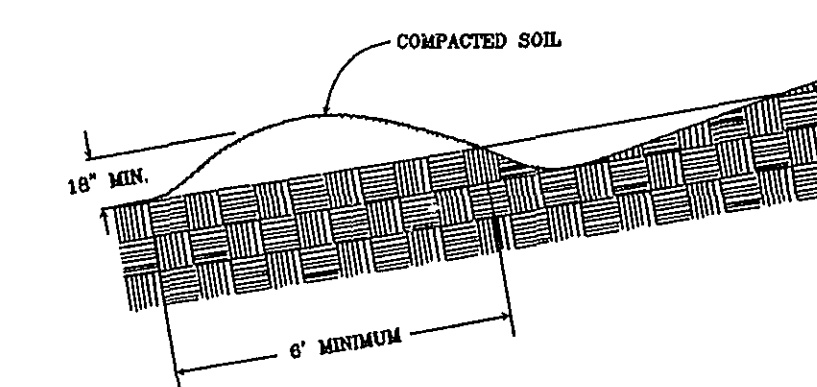
VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK STD. & SPEC. 3.05  
SEDIMENT FENCE DETAIL  
NOT TO SCALE



STONE CONSTRUCTION ENTRANCE  
NOT TO SCALE



TYPICAL GRAVEL STRUCTURE



TYPICAL EARTHEN STRUCTURE

SOURCE: VA, SWDC

PLATE 3.11-1

TEMPORARY RIGHT-OF-WAY  
DIVERSIONS  
NOT TO SCALE

SEEDING SCHEDULE  
(REVISED: 1-1-86)

Shoulders, Side Ditches, Slopes (Max 3:1)

DATE	TYPE	PLANTING RATE
Aug 15 - Nov 1	Tall Fescue	300 lbs/acre
Nov 1 - Mar 1	Tall Fescue & Abruzzi Rye	300 lbs/acre
Mar 1 - Apr 15	Tall Fescue	25 lbs/acre
Apr 15 - Jun 30	Hulled Common Bermudagrass	300 lbs/acre
Jul 1 - Aug 15	Tall Fescue and ***Browntop Millet	25 lbs/acre
	***or Sorghum-Sudan Hybrids	35 lbs/acre
		30 lbs/acre
Slopes (3:1 to 2:1)		
Mar 1 - Jun 1	Sericea Lespedeza (scarified) &	50 lbs/acre
(Mar 1 - Apr 15)	Add Tall Fescue	120 lbs/acre
(Mar 1 - Jun 30)	Or Add Weeping Lovegrass	10 lbs/acre
(Mar 1 - Jun 30)	Or Add Hulled Common Bermudagrass	25 lbs/acre
Jun 1 - Sep 1	***Tall Fescue and ***Browntop Millet	120 lbs/acre
	***or Sorghum-Sudan Hybrids	35 lbs/acre
		30 lbs/acre
Sep 1 - Mar 1	Sericea Lespedeza (unhulled-unscarified) and Tall Fescue	70 lbs/acre
(Nov 1 - Mar 1)	Add Abruzzi Rye	120 lbs/acre
		25 lbs/acre

Consult Conservation Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of denuded areas. The above vegetation rates are those which do well under local conditions; other seeding rate combinations are possible.

\*\*\*Temporary - Reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12" in height before mowing, otherwise fescue may be shaded out.

#### SEEDBED PREPARATION

- 1.) CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
- 2.) RIP THE ENTIRE AREA TO 6 INCHES DEPTH.
- 3.) REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
- 4.) APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPERPHOSPHATE UNIFORMLY AND MIX WITH SOIL (SEE BELOW\*).
- 5.) CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM REASONABLY UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.
- 6.) SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULPACK AFTER SEEDING.
- 7.) MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
- 8.) INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
- 9.) CONSULT CONVERSATION INSPECTOR ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.

\* See seasonal application schedule

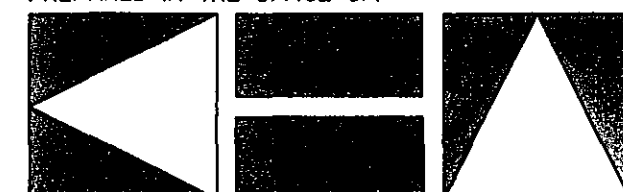
PRELIMINARY  
NOT FOR CONSTRUCTION

REV. NO.	REVISION	DATE	DRAWN BY	CHECKED BY
1	CITY COMMENTS	10/20/03	MRA	WSH

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PREPARED IN THE OFFICE OF:



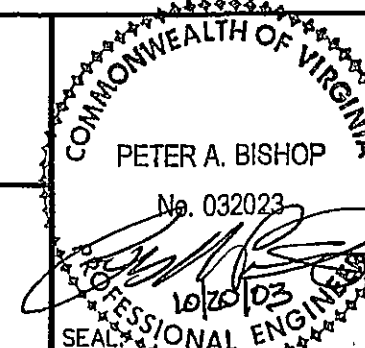
Kimley-Horn  
and Associates, Inc.

P.O. BOX 33068 - RALEIGH, NORTH CAROLINA 27636-3068  
PHONE: (919) 677-2000 FAX: (919) 677-2050

CLIENT:

FIRST CITIZENS BANK  
CONSTRUCTION DETAILS

TITLE:



DATE: 9/26/03  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: N/A  
DRAWN BY: MRA  
CHECKED BY: WSH  
DESIGNED BY: PAB

PROJECT:

McCLANAHAN STREET  
ROANOKE, VA

ATTACHED REFERENCE FILES:

JOB NUMBER: 011737090

SHEET NUMBER: C4 OF 5