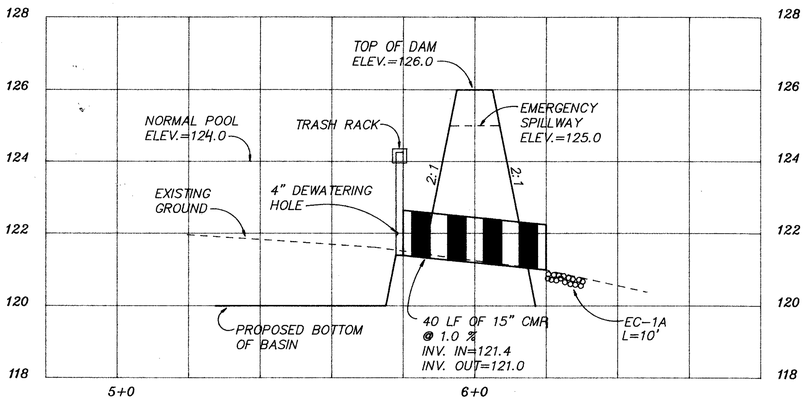


SECTION THROUGH DAM

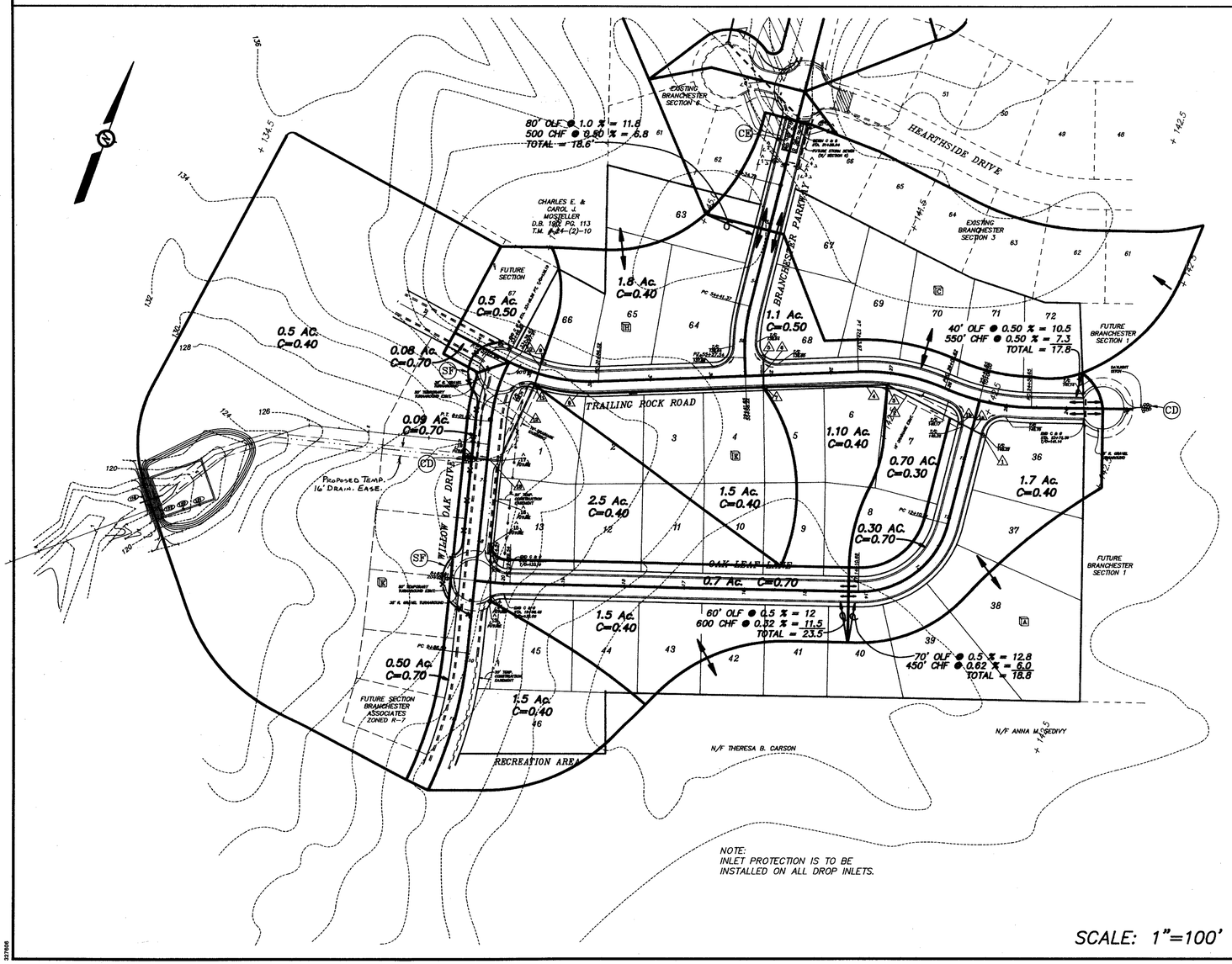
SCALE: HORIZONTAL: 1"=20'
VERTICAL: 1"=2'

EROSION CONTROL NARRATIVE

1. NOTIFY THE INSPECTOR WITH JAMES RIVER SOIL AND WATER CONSERVATION DISTRICT AT 748-2235 OR 733-2788 FOR A PRECONSTRUCTION MEETING AND ON-SITE VISIT ONE WEEK PRIOR TO BEGINNING CONSTRUCTION.
2. INSTALL CONSTRUCTION ENTRANCE, CHECK DAM, AND SILT FENCE AND SILT BASIN AS PER PLAN.
3. CLEAR AND GRUB ROAD AND EASEMENTS.
4. BEGIN ROUGH GRADING OF ROAD.
5. INSTALL UTILITIES AS PER PLAN.
6. INSTALL STORM SEWER AND SWALES AS SHOWN.
7. INSTALL INLET PROTECTION ON ALL DROP INLETS .
8. FINE GRADE SITE.
9. INSTALL CURB AND GUTTER AS PER PLAN.
10. PLACE BASE STONE AND PAVEMENT AS SHOWN ON PLANS.
11. SEED DENUDED AREAS AS SOON AS POSSIBLE AND MULCH ALL DISTURBED AREAS.
12. CONTINUING MAINTENANCE PRACTICES SHALL BE PERFORMED TO INSURE PROTECTION OF DOWNSTREAM PROPERTIES.
13. NO EROSION CONTROL DEVICE SHALL BE REMOVED UNTIL AN ADEQUATE STAND OF GRASS HAS BEEN OBTAINED.

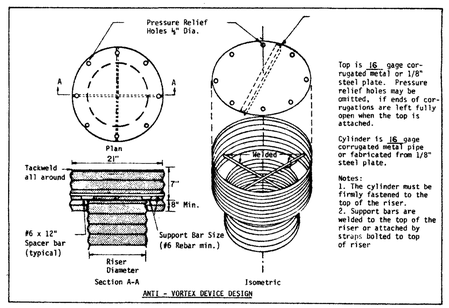
NOTE:

ALL EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLAN ARE TO BE CONSTRUCTED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH THE CURRENT EDITION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.

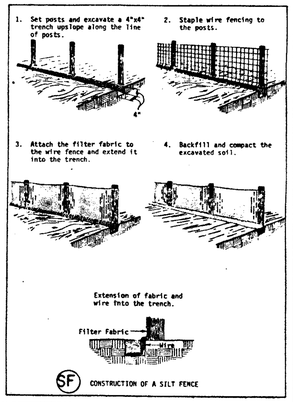


NOTE:
INLET PROTECTION IS TO BE INSTALLED ON ALL DROP INLETS.

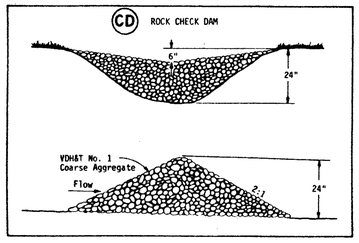
SCALE: 1"=100'



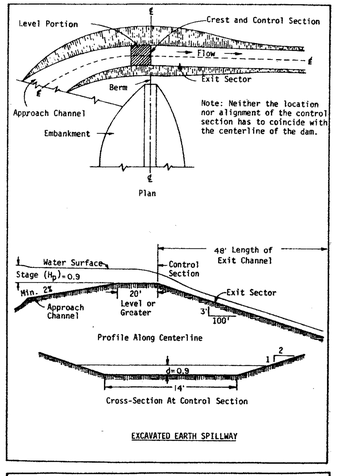
ANTI - VORTEX DEVICE DESIGN



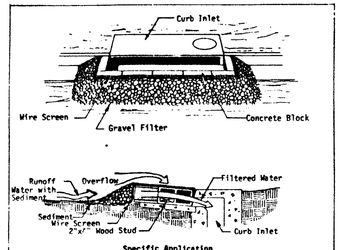
SF CONSTRUCTION OF A SILT FENCE



CD ROCK CHECK DAM



EXCAVATED EARTH SPILLWAY

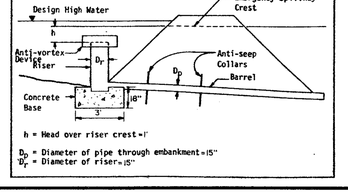


Specific Application
This method of inlet protection is applicable at curb inlets where an overflow capability is necessary to prevent excessive ponding in front of the structure.

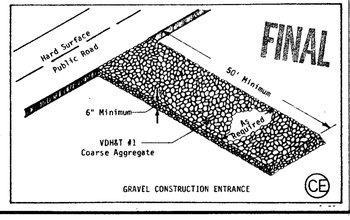
IP BLOCK AND GRAVEL CURB INLET SEDIMENT FILTER

PRINCIPAL SPILLWAY DESIGN

VOLUME REQUIRED=1,681 CY
VOLUME PROVIDED=1,710 CY



h = Head over riser crest=1'
D_p = Diameter of pipe through embankment=15"
D_r = Diameter of riser=15"



GRAVEL CONSTRUCTION ENTRANCE CE

8803 STAPLES MILL ROAD
RICHMOND, VIRGINIA 23228
TELEPHONE: (804) 262-7396

4411 CROSSING BOULEVARD
PRINCE GEORGE, VIRGINIA 23875
TELEPHONE: (804) 458-8685

711 NORTH COURTHOUSE ROAD
RICHMOND, VIRGINIA 23236
TELEPHONE: (804) 794-3500

LANDSCAPE ARCHITECTS * PLANNERS * ENGINEERS * ARCHITECTS * SURVEYORS

COMMONWEALTH OF VIRGINIA
EDWARD L. GLASS
No. 17584
PROFESSIONAL ENGINEER

DATE	REVISION DESCRIPTION
10-5-92	County Revisions

DATE 1-31-92
DRAWN BY B.R.G.
DESIGNED BY D.A.J.
CHECKED BY E.L.G.
SCALE AS SHOWN

BRANCHESTER LAKES * SECTION 7

HYDROLOGY & EROSION CONTROL

SHEET NO. 5 OF 5
JOB NO. 14890

327808