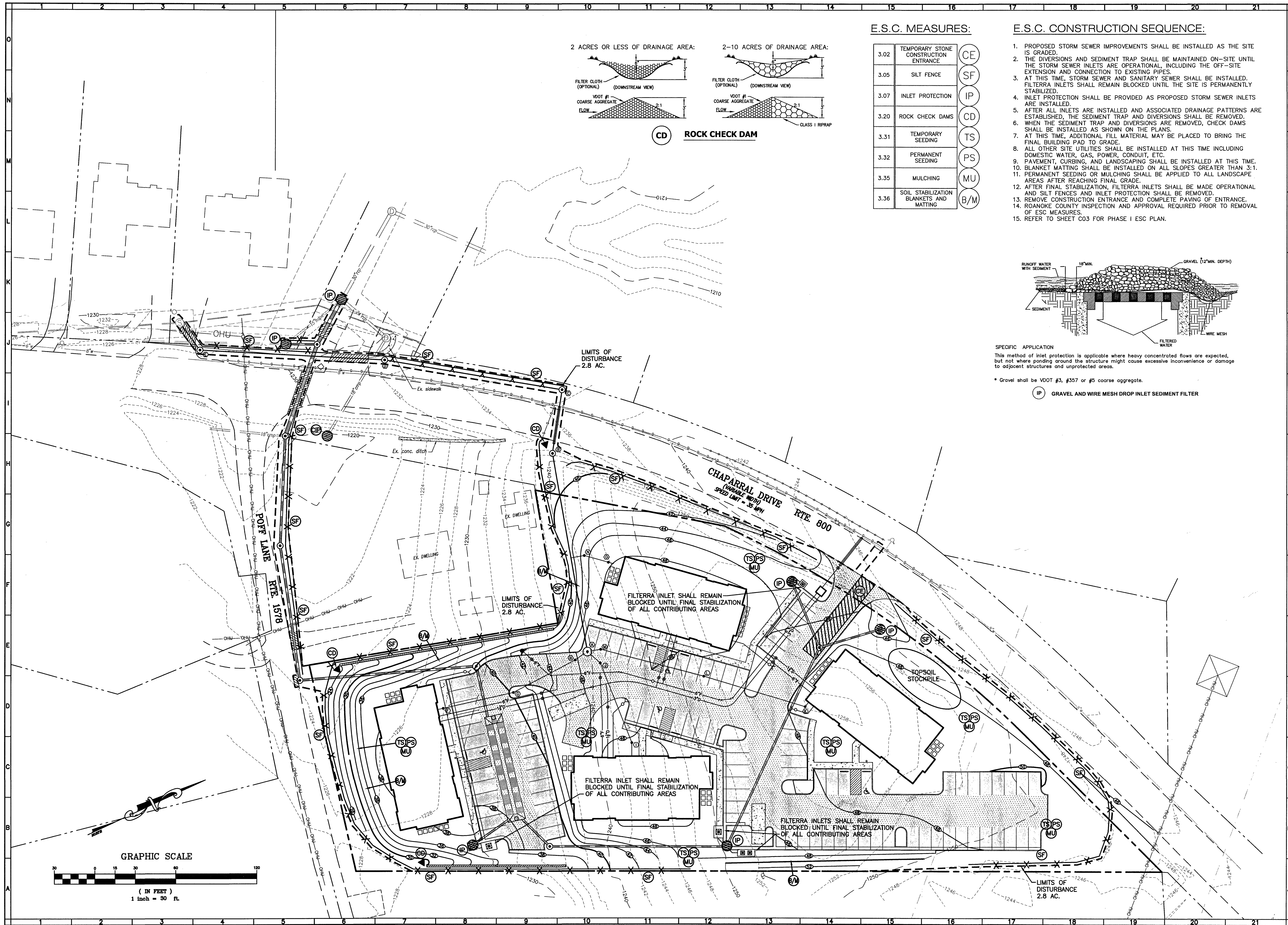
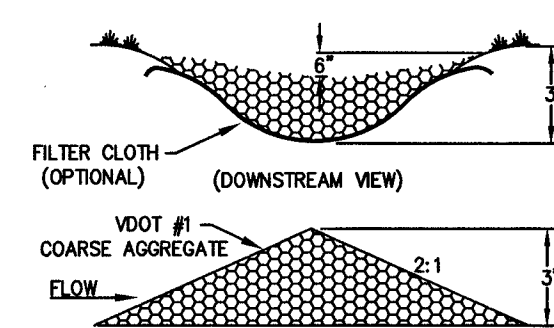


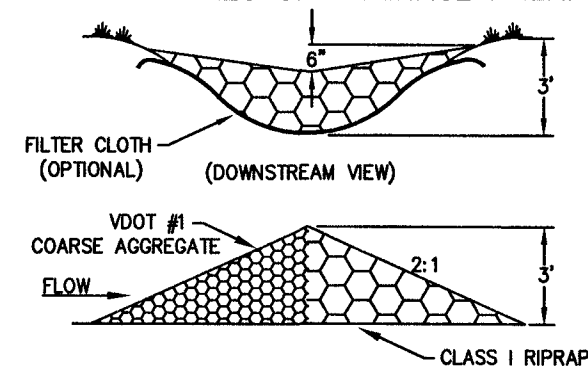


2 ACRES OR LESS OF DRAINAGE AREA:



CD ROCK CHECK DAM

2-10 ACRES OF DRAINAGE AREA:

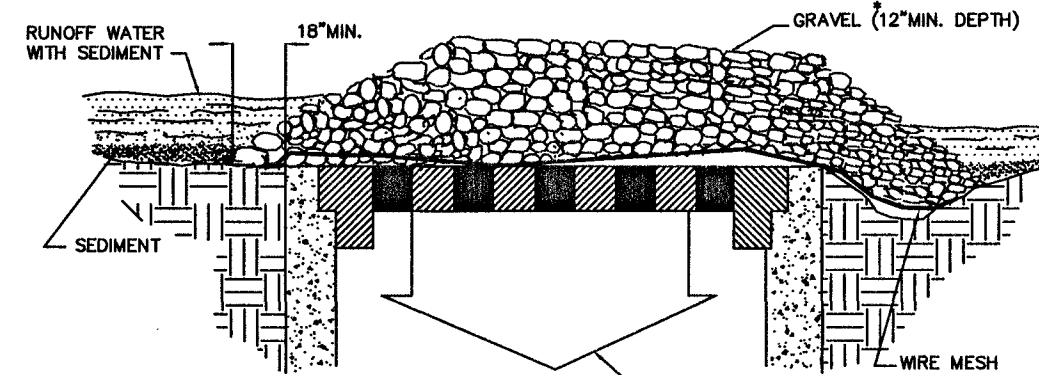


E.S.C. MEASURES:

3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	CE
3.05	SILT FENCE	SF
3.07	INLET PROTECTION	IP
3.20	ROCK CHECK DAMS	CD
3.31	TEMPORARY SEEDING	TS
3.32	PERMANENT SEEDING	PS
3.35	MULCHING	MU
3.36	SOIL STABILIZATION BLANKETS AND MATTING	B/M

E.S.C. CONSTRUCTION SEQUENCE:

1. PROPOSED STORM SEWER IMPROVEMENTS SHALL BE INSTALLED AS THE SITE IS GRADED.
2. THE DIVERSIONS AND SEDIMENT TRAP SHALL BE MAINTAINED ON-SITE UNTIL THE STORM SEWER INLETS ARE OPERATIONAL, INCLUDING THE OFF-SITE EXTENSION AND CONNECTION TO EXISTING PIPES.
3. AT THIS TIME, STORM SEWER AND SANITARY SEWER SHALL BE INSTALLED. FILTRRA INLETS SHALL REMAIN BLOCKED UNTIL THE SITE IS PERMANENTLY STABILIZED.
4. INLET PROTECTION SHALL BE PROVIDED AS PROPOSED STORM SEWER INLETS ARE INSTALLED.
5. AFTER ALL INLETS ARE INSTALLED AND ASSOCIATED DRAINAGE PATTERNS ARE ESTABLISHED, THE SEDIMENT TRAP AND DIVERSIONS SHALL BE REMOVED.
6. WHEN THE SEDIMENT TRAP AND DIVERSIONS ARE REMOVED, CHECK DAMS SHALL BE INSTALLED AS SHOWN ON THE PLANS.
7. AT THIS TIME, ADDITIONAL FILL MATERIAL MAY BE PLACED TO BRING THE FINAL PROTECTION PAD TO GRADE.
8. ALL OTHER SITE UTILITIES SHALL BE INSTALLED AT THIS TIME INCLUDING DOMESTIC WATER, GAS, POWER, CONDUIT, ETC.
9. PAVEMENT, CURBING, AND LANDSCAPING SHALL BE INSTALLED AT THIS TIME.
10. BLANKET MATTING SHALL BE INSTALLED ON ALL SLOPES GREATER THAN 3:1.
11. PERMANENT SEEDING OR MULCHING SHALL BE APPLIED TO ALL LANDSCAPE AREAS AFTER REACHING FINAL GRADE.
12. AFTER FINAL STABILIZATION, FILTRRA INLETS SHALL BE MADE OPERATIONAL AND SILT FENCES AND INLET PROTECTION SHALL BE REMOVED.
13. REMOVE CONSTRUCTION ENTRANCE AND COMPLETE PAVING OF ENTRANCE.
14. ROANOKE COUNTY INSPECTION AND APPROVAL REQUIRED PRIOR TO REMOVAL OF ESC MEASURES.
15. REFER TO SHEET C03 FOR PHASE I ESC PLAN.



SPECIFIC APPLICATION

This method of inlet protection is applicable where heavy concentrated flows are expected, but not where ponding around the structure might cause excessive inconvenience or damage to adjacent structures and unprotected areas.

* Gravel shall be VDOT #3, #357 or #5 coarse aggregate.

IP GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER