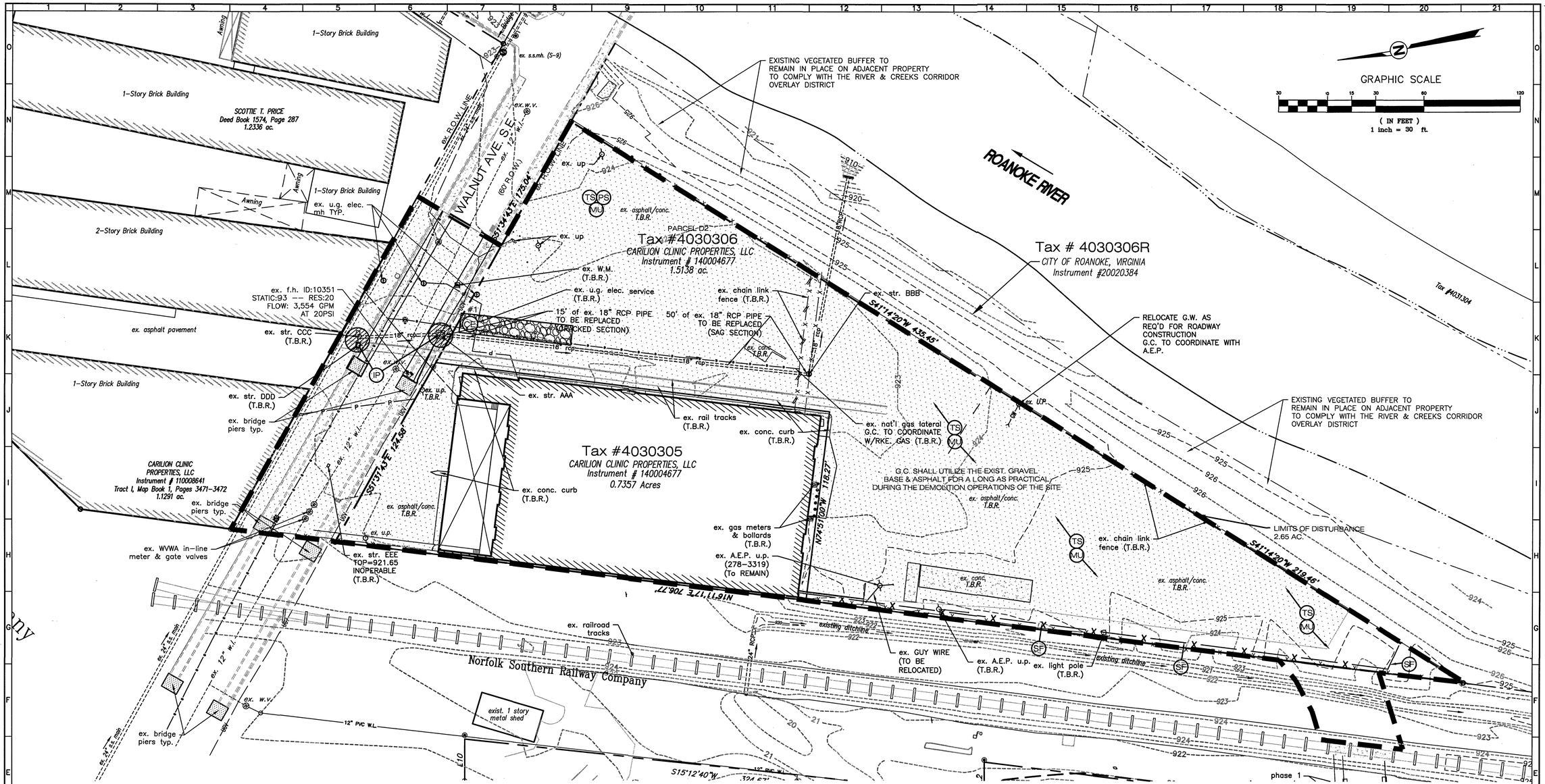
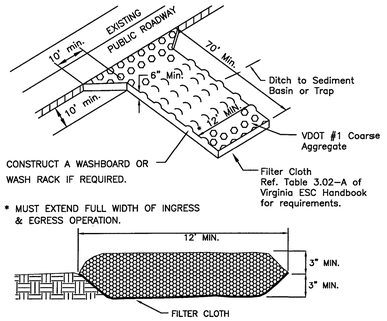
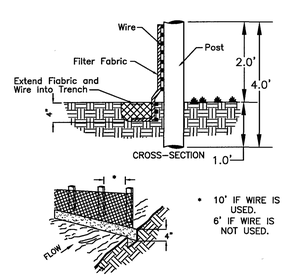




CE TEMPORARY GRAVEL CONSTRUCTION ENTRANCE



SF CONSTRUCTION OF A SILT FENCE

DEFINITION – THE ESTABLISHMENT OF A TEMPORARY VEGETATIVE COVER ON DISTURBED AREAS BY SEEDING WITH APPROPRIATE RAPIDLY GROWING ANNUAL PLANTS.

PLANTING DATES	SPECIES	RATE (LBS/ACRE)
SEPT. 1 – FEB. 15	50/50 MIX OF ANNUAL RYEGRASS & WINTER RYE	50 – 100
FEB. 16 – APR. 30	ANNUAL RYEGRASS	60 – 100
MAY 1 – AUG. 31	GERMAN MILLET	50

RECOMMENDED APPLICATION OF AGRICULTURAL LIMESTONE

pH TEST	
BELOW 4.2	3 TONS PER ACRE
4.2 TO 5.2	2 TONS PER ACRE
5.2 TO 6	1 TON PER ACRE

ACCEPTABLE TEMPORARY SEEDING PLANT MATERIAL
" QUICK REFERENCE FOR ALL REGIONS"

LIMING REQUIREMENTS FOR TEMPORARY SITES

TS TEMPORARY SEEDING

E&SC CONSTRUCTION SEQUENCE (PHASE1)

1. THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS A FIRST STEP. THE G.C. SHALL MAINTAIN THE CONSTRUCTION ENTRANCE TO PREVENT ANY SEDIMENT LADEN RUNOFF OR 'TRACKING' ONTO ADJACENT ACCESS DRIVES.
2. INSTALL INLET PROTECTION AROUND THE EXISTING INLETS ON-SITE. ALL INLETS SHALL BE SEDIMENT PROTECTED FROM ANY SEDIMENT LADEN RUNOFF FROM THE SITE. THE INLET PROTECTION SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT OR UNTIL EXISTING INLETS ARE REMOVED.
3. INSTALL SILT FENCE AROUND THE PERIMETER OF THE SITE WHERE INDICATED.
4. THE LIMITS OF DISTURBANCE SHALL BE ESTABLISHED AND ADHERED TO AS SHOWN ON THE PLANS.
5. ALL SEDIMENT LADEN RUNOFF FROM THE PARCEL SHALL BE DIRECTED TO THE APPROPRIATE EROSION & SEDIMENT CONTROL MEASURES. G.C. SHALL ENSURE POSITIVE FLOW TO THE APPROPRIATE E.S.C. MEASURES.
6. ALL GRADING OPERATIONS SHALL TAKE PLACE AT THIS TIME.
7. TEMPORARY SEEDING SHALL BE PROVIDED FOR ALL AREAS THAT WILL NOT RECEIVE PAVEMENT OR OTHER IMPROVEMENTS WITHIN 14 DAYS.
8. CITY OF ROANOKE SHALL INSPECT/APPROVE REMOVAL OF REQUIRED MEASURES PRIOR TO ESC MEASURE REMOVAL. G.C. SHALL COORDINATE WITH THE INSPECTOR DURING THE TRANSITION BETWEEN PHASE 1 AND PHASE 2 EROSION AND SEDIMENT CONTROL PLANS TO ENSURE THAT ADEQUATE MEASURES ARE IN PLACE TO CONTROL ANY SEDIMENT OR SEDIMENT LADEN RUNOFF FROM THE DEVELOPMENT OF THE SUBJECT SITE.

E&SC MEASURES

3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	CE
3.05	SILT FENCE	SF
3.07	INLET PROTECTION	IP
3.35	MULCHING	MU
3.31	TEMPORARY SEEDING	TS

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COMMONWEALTH OF VIRGINIA
CHRISTOPHER P. BURNS
Lic. No.047338
07/22/14
PROFESSIONAL ENGINEER

THE BRIDGES - PHASE II
E.S.C. PLAN - PHASE 1
CITY OF ROANOKE, VIRGINIA

DRAWN BY	BTC
DESIGNED BY	BTC
CHECKED BY	CPB
DATE	05/21/2014
SCALE	1"=30'

REVISIONS:
7/22/2014

APPROVED
AUG 20 2014

SHEET NO.
C07

JOB NO. R1200033.02