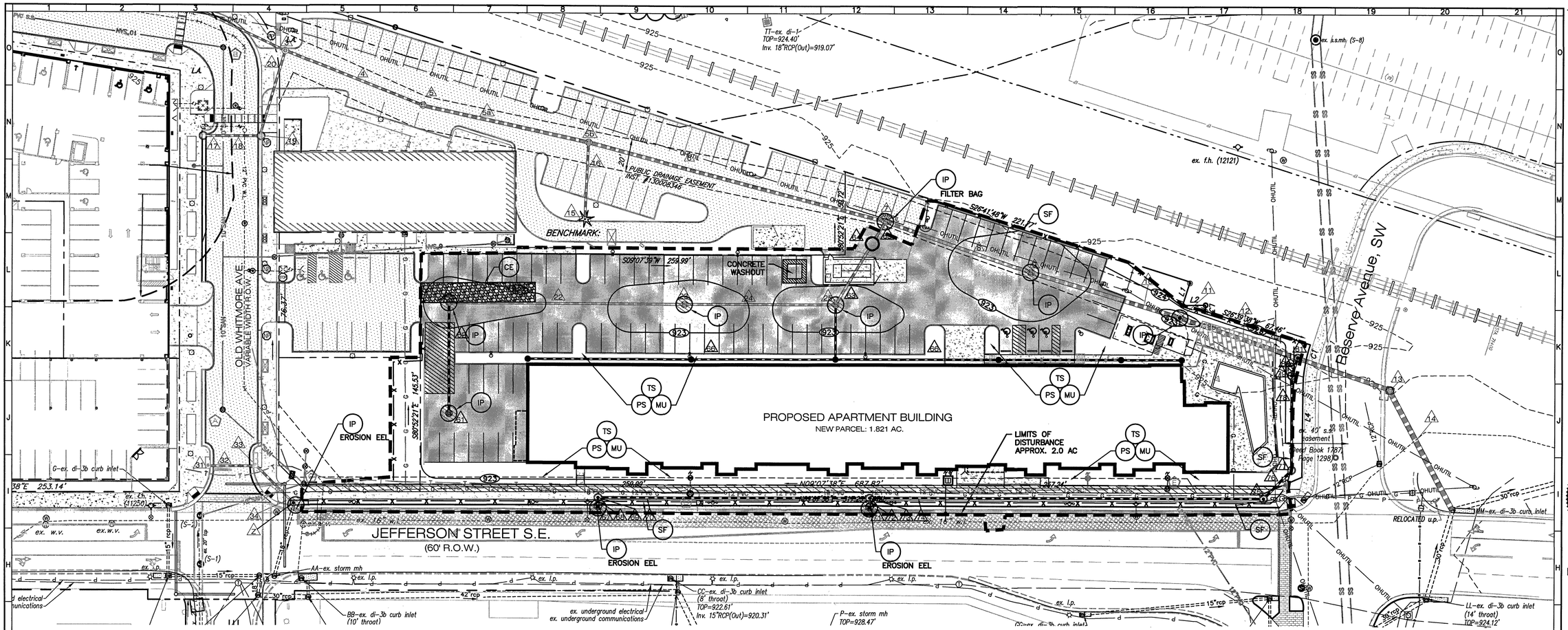
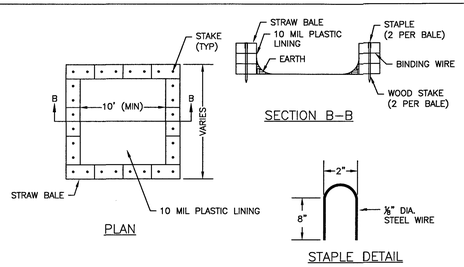
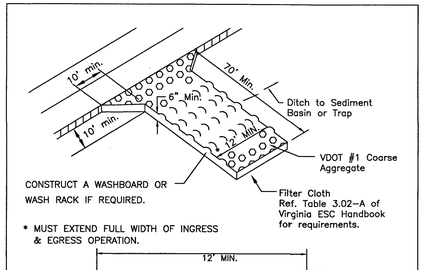



**CONCRETE TRUCK WASHOUT DETAIL**
NTS

GENERAL NOTES:
1. ACTUAL SIZE TO BE DETERMINED IN FIELD. A MINIMUM OF 10' WIDE BY 10' LONG AND SIZED TO CONTAIN ALL LIQUID AND SOLID WASTE. A MINIMUM OF 12" FREEBOARD SHALL BE INCLUDED.
2. THE CONCRETE WASHOUT SHALL NOT BE PLACED WITHIN 50' OF STORM DRAINS.
3. EXCESS AND SLUMP TEST SOLIDS SHALL BE PLACED ON PLASTIC LINER UNTIL HARDENED. CONTRACTOR MAY CONSIDER INSTALLING WIRE OR REBAR HOOD FOR LATER PICKUP REMOVAL.
4. INSPECTORS SHALL USE THE WASHOUT FACILITY OR PLASTIC FOR CLEANING OF THEIR TOOLS.

MAINTENANCE NOTES:
1. CHECK ALL CONCRETE WASHOUT FACILITIES DAILY TO DETERMINE IF THEY HAVE BEEN FILLED TO 75% CAPACITY. THE FACILITY SHALL BE CLEANED OUT OR CHANGED WHEN 75% FULL.
2. INSPECT LINERS DAILY TO ENSURE THAT LINERS ARE INTACT AND SIDEWALLS HAVE NOT BEEN DAMAGED BY CONSTRUCTION ACTIVITIES. LINERS SHALL BE REPLACED IF THERE ARE HOLES OR TEARS OBSERVED.
3. CONCRETE WASTE SHALL BE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN. THE HARDENED CONCRETE SHALL BE BROKEN UP AND DISPOSED OF OFFSITE PER APPLICABLE VA. DEQ RULES AND REGULATIONS. LIQUIDS SHALL NOT BE DISCHARGED DIRECTLY INTO WATERWAYS, STORM DRAINS, SWALES, OR DIRECTLY ONTO THE GROUND.
4. REMOVE LIQUIDS OR COVER STRUCTURE BEFORE PREDICTED STORMS TO PREVENT OVERFLOWS.
5. INSTALL A NEW PLASTIC LINER AFTER EVERY CLEANING.




CE **TEMPORARY GRAVEL CONSTRUCTION ENTRANCE**

## E&SC CONSTRUCTION SEQUENCE

1. THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS A FIRST STEP. THE G.C. SHALL MAINTAIN THE CONSTRUCTION ENTRANCE THROUGHOUT CONSTRUCTION TO PREVENT ANY SEDIMENT LADEN RUNOFF OR 'TRACKING' ONTO OLD WHITMORE AVENUE AND JEFFERSON STREET.
2. INSTALL INLET PROTECTION AROUND THE EXISTING INLETS ON–SITE AND ALONG JEFFERSON STREET. ALL INLETS SHALL BE SEDIMENT PROTECTED FROM ANY SEDIMENT LADEN RUNOFF FROM THE SITE. INSTALL THE APPROPRIATE INLET PROTECTION TYPE BASED ON THE ESC PLAN AND EXISTING INLET TYPE.
3. INSTALL SILT FENCE AROUND THE PERIMETER OF THE SITE WHERE INDICATED. THE SILT FENCE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT AS REQUIRED PER THE VA ESC HANDBOOK.
4. THE LIMITS OF DISTURBANCE SHALL BE ESTABLISHED AND ADHERED TO AS SHOWN ON THE PLANS.
5. ALL MAJOR GRADING OPERATIONS SHALL TAKE PLACE AT THIS TIME.
6. TEMPORARY SEEDING SHALL BE PROVIDED FOR ALL AREAS THAT WILL NOT RECEIVE PAVEMENT OR OTHER IMPROVEMENTS WITHIN 7 DAYS.
7. BUILDING CONSTRUCTION MAY BEGIN AT THIS TIME. THE CONCRETE WASHOUT SHALL BE INSTALLED PRIOR TO ANY CONCRETE WORK. ALL CONCRETE WASTE AND WASHOUTS SHALL OCCUR AT THIS FACILITY.
8. UTILITIES MAY BE INSTALLED AT THIS TIME INCLUDING SANITARY SEWER, STORM SEWER, WATERLINE (DOMESTIC AND FIRE LINES), ELECTRICAL, NATURAL GAS, COMMUNICATIONS, TELEPHONE.
9. G.C. SHALL PAY SPECIAL ATTENTION TO ENSURE SEDIMENT LADEN RUNOFF DOE SNOT RUNOFF INTO THE ADJACENT PARKING AREAS OR ROADWAYS AND THERE SHALL BE NO MUD 'TRACKING' FROM THE SITE ONTO THE ADJACENT PARKING AREAS OR ROADWAYS.
10. PAVEMENT, CURBING, LANDSCAPING ETC. SHALL BE INSTALLED AT THIS TIME. THE CONCRETE WASH OUT SHALL BE UTILIZED IN ACCORDANCE WITH D.E.Q. REGULATIONS SET FORTH FOR APPROPRIATE CONCRETE WASHOUT AREAS.
11. CONSTRUCTION ENTRANCE SHALL BE REMOVED AS PAVING OPERATIONS ARE COMPLETED.
12. PERMANENT SEEDING SHALL BE PROVIDED FOR TURF AREAS THAT HAVE REACHED FINAL GRADE.
13. SILT FENCE AND INLET PROTECTION SHALL BE REMOVED UPON STABILIZATION OF UPSTREAM AREAS.
14. CITY OF ROANOKE SHALL INSPECT/APPROVE REMOVAL OF REQUIRED MEASURES PRIOR TO ESC MEASURE REMOVAL. G.C. SHALL REMOVE ESC MEASURES ONCE THE SITE IS STABILIZED AND HAS OBTAINED APPROVAL FROM THE CITY.

## E&SC MEASURES

| | | |
|---|---|---|
| 3.02 | TEMPORARY STONE CONSTRUCTION ENTRANCE | CE |
| 3.05 | SILT FENCE | SF |
| 3.07 | STORM DRAIN INLET PROTECTION | IP |
| 3.31 | TEMPORARY SEEDING | TS |
| 3.32 | PERMANENT SEEDING | PS |
| 3.35 | MULCHING | MU |

GRAPHIC SCALE
30 0 15 30 60 120
( IN FEET )
1 inch = 30 ft.

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FAX 540-772-8050

COMMONWEALTH OF VIRGINIA
CHRISTOPHER P. BURNS
Lic. No.047338
4/5/16
PROFESSIONAL ENGINEER

# BRIDGES - BLOCK A APARTMENTS
## E.S.C. PLAN
CITY OF ROANOKE, VIRGINIA

DRAWN BY LAR
DESIGNED BY BTC
CHECKED BY CPB
DATE 2/4/2016
SCALE 1"=30'

REVISIONS:
3/14/2016
3/24/2016
4/5/2016

APPROVED
MAY. 16 2016

SHEET NO.
C07
JOB NO. 04150058.00