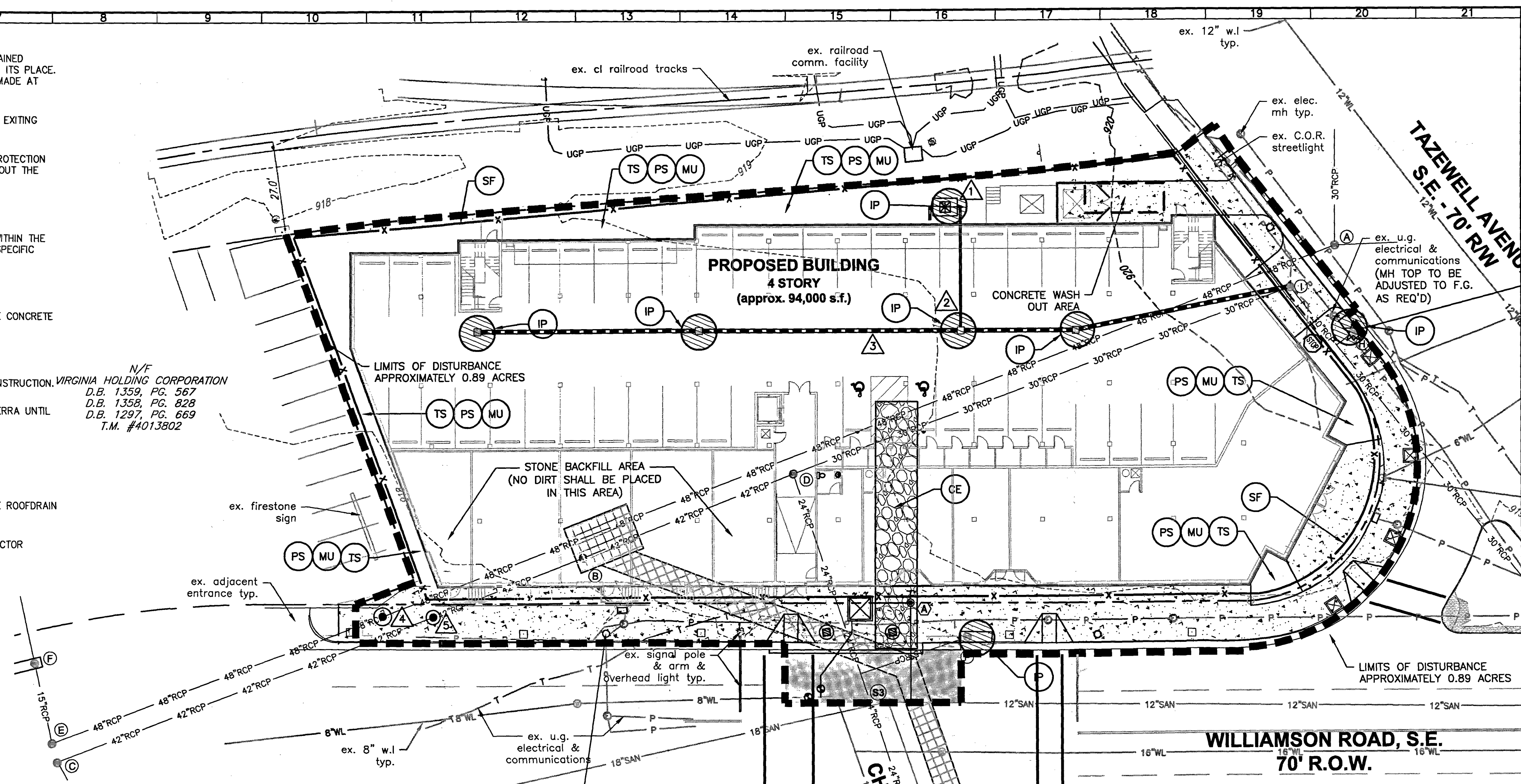
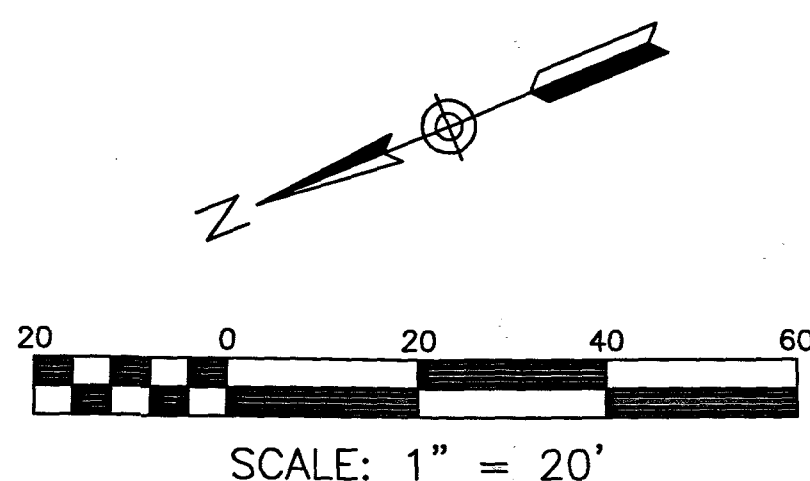


E&SC CONSTRUCTION SEQUENCE:

1. THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS A FIRST STEP IN THE PROCESS. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED WHERE SHOWN UNTIL SUCH TIME THAT THE CONSTRUCTION ENTRANCE IS NO LONGER NEEDED AS THE BUILDING CONSTRUCTION HAS TAKEN ITS PLACE. AT THIS TIME, WITH INSPECTOR APPROVAL, THE CONSTRUCTION ENTRANCE SHALL BE REMOVED AND THE UTILITY CONNECTIONS SHALL BE MADE AT THIS TIME.
2. SILT FENCE AND ANY PERIMETER CONSTRUCTION FENCING SHALL BE INSTALLED AT THIS TIME TO PREVENT SEDIMENT LADEN RUNOFF FROM EXITING THE SITE.
3. INLET PROTECTION SHALL BE INSTALLED ON THE EXISTING INLETS ALONG WILLIAMSON ROAD AND TAZEWELL AVENUE. EROSION EEL INLET PROTECTION SHALL BE UTILIZED FOR THE INLETS SUBJECT TO ADJACENT VEHICULAR TRAFFIC. THE INLET PROTECTION SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
4. G.C. SHALL TAKE ALL APPROPRIATE MEASURES TO PREVENT ANY 'MUD TRACKING' ON THE ADJACENT PUBLIC RIGHT OF WAY.
5. GRADING OPERATIONS SHALL TAKE PLACE AT THIS TIME ON-SITE. IT SHALL BE NOTED THAT ONLY STONE BACKFILL SHALL BE UTILIZED WITHIN THE LIVE-WORK UNITS AS IDENTIFIED ON SHEET C03 FOR E&S PURPOSES FOR THE PROJECT. NO DIRT BACKFILL SHALL BE UTILIZED IN THIS SPECIFIC AREA.
6. FILTERRA TO BE INSTALLED AT THIS TIME. FILTERRA TO REMAIN BLOCKED DURING CONSTRUCTION.
7. G.C. SHALL UTILIZE A CONCRETE WASHOUT AREA AS REQUIRED FOR THE PROJECT ONCE CONSTRUCTION PROGRESSES TO BUILDING OR SITE CONCRETE INSTALLATION.
8. THE CONSTRUCTION ENTRANCE SHALL BE REMOVED AT SUCH TIME AS THE BUILDING FOUNDATION IS COMPLETE.
9. INSTALL SANITARY SEWER AND WATERLINE IMPROVEMENTS AS SHOWN ON THE PLAN AND PROVIDE DEWATERING AS REQUIRED FOR THE CONSTRUCTION. VIRGINIA HOLDING CORPORATION D.B. 1358, PG. 567 D.B. 1358, PG. 828 D.B. 1297, PG. 669 T.M. #4013802
10. FILTERRA STORMWATER QUALITY UNIT TO BE INSTALLED AT THIS TIME. THE ROOF DRAIN CONNECTIONS SHALL NOT BE MADE TO THE FILTERRA UNTIL SUCH TIME THAT THE AREA DRAINING TO THE FILTERRA IS FREE FROM DEBRIS AND ANY SEDIMENT, REFUSE, ETC.
11. ALL OTHER SITE UTILITIES SHALL BE INSTALLED AT THIS TIME INCLUDING ELECTRICAL, LIGHTING, GAS, CONDUIT, ETC.
12. CURB, STREET TREES, SIDEWALK, AND LANDSCAPING SHALL BE INSTALLED AT THIS TIME.
13. PERMANENT SEEDING OR MULCHING SHALL BE APPLIED TO ALL LANDSCAPE AREAS AND AREAS NOT RECEIVING HARDSCAPE ELEMENTS. THE ROOFRAIN FILTERRA SHALL BE ACTIVATED AT THIS TIME AND FINAL APPROVAL LETTER PROVIDED TO THE CITY OF ROANOKE.
14. AFTER STABILIZATION OF ALL UPSTREAM AREAS, THE INLET PROTECTION AND SILT FENCE MAY BE REMOVED WITH CITY OF ROANOKE INSPECTOR APPROVAL.
15. CITY OF ROANOKE SHALL INSPECT/APPROVE REMOVAL OF REQUIRED MEASURES PRIOR TO ESC MEASURE REMOVAL.

E&SC MEASURES

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



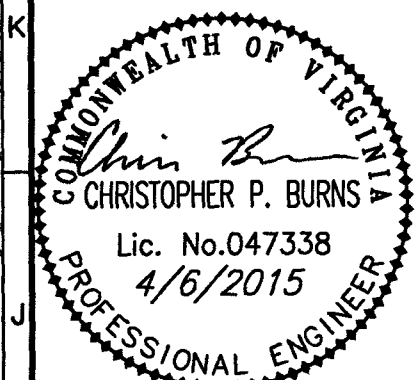
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WETLAND DELINEATIONS & STREAM EVALUATIONS

Balzer and Associates, Inc.

1208 Corporate Circle
Roanoke, VA 24018
540-772-9580
FAX 540-772-8050



WILLIAMSON & TAZEWELL
206 WILLIAMSON ROAD S.E.

E.S.C. PLAN

CITY OF ROANOKE, VIRGINIA

DRAWN BY BTC
DESIGNED BY BTC
CHECKED BY CPB
DATE 1/16/2015

SCALE 1"=20'

REVISIONS:
2/6/2015
3/4/2015
3/30/2015
4/3/2015

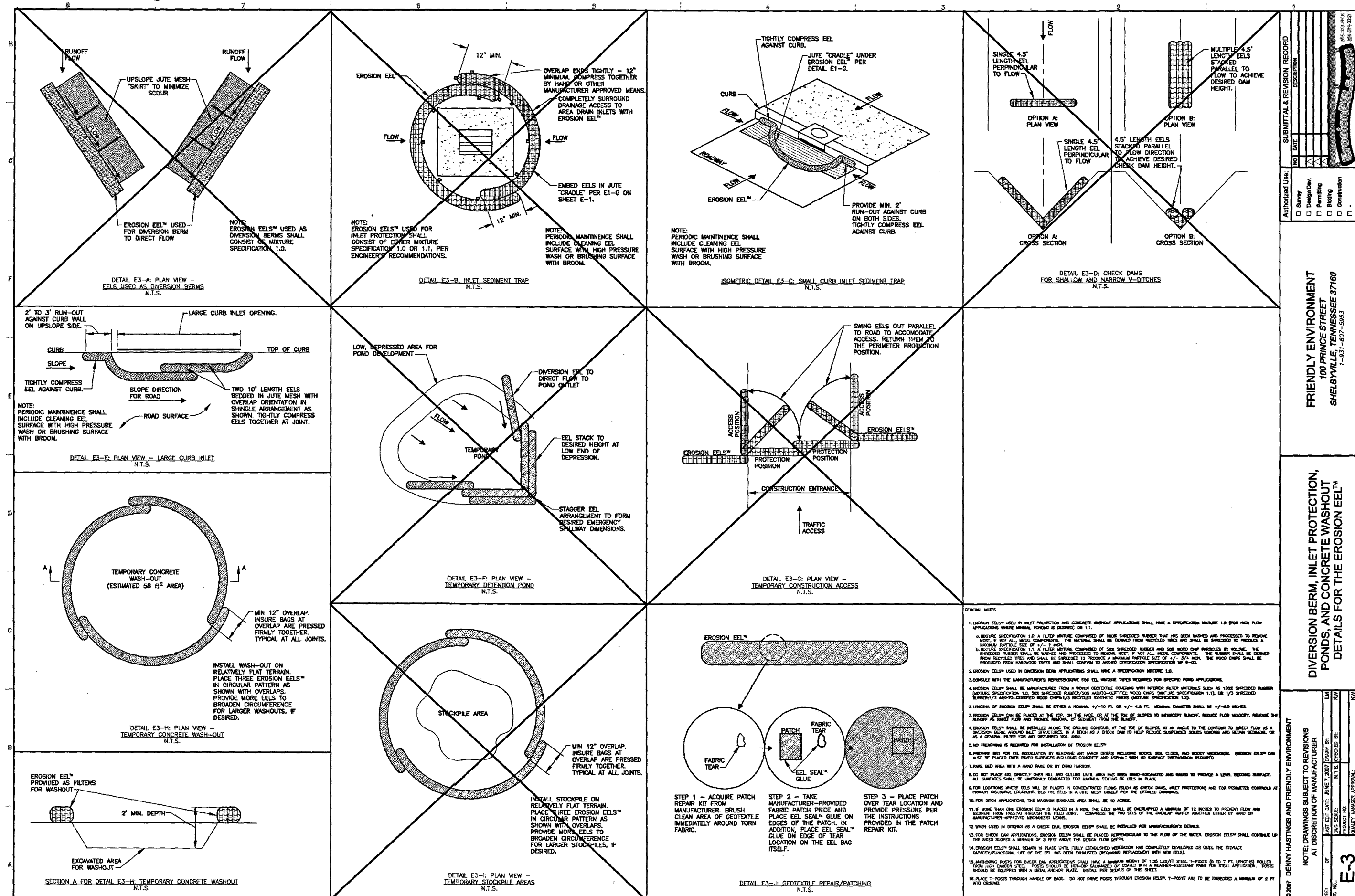
APPROVED
APR 17 2015

SHEET NO.

C5

JOB NO. R1400077.00

IP INLET PROTECTION - (EROSION EEL DETAIL FOR INLET PROTECTION & CONC. WASHOUT)



(SF) CONSTRUCTION OF A SILT FENCE
EROSION AND SEDIMENT CONTROL STANDARD - 3.05

(CE) TEMPORARY GRAVEL
CONSTRUCTION ENTRANCE