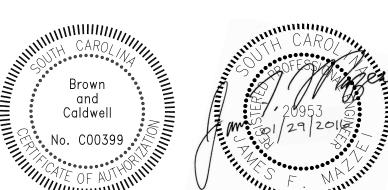
ReWa RENEWABLE WATER RESOURCES RICHLAND CREEK TRUNK SEWER IMPROVEMENT

Project No. 144953



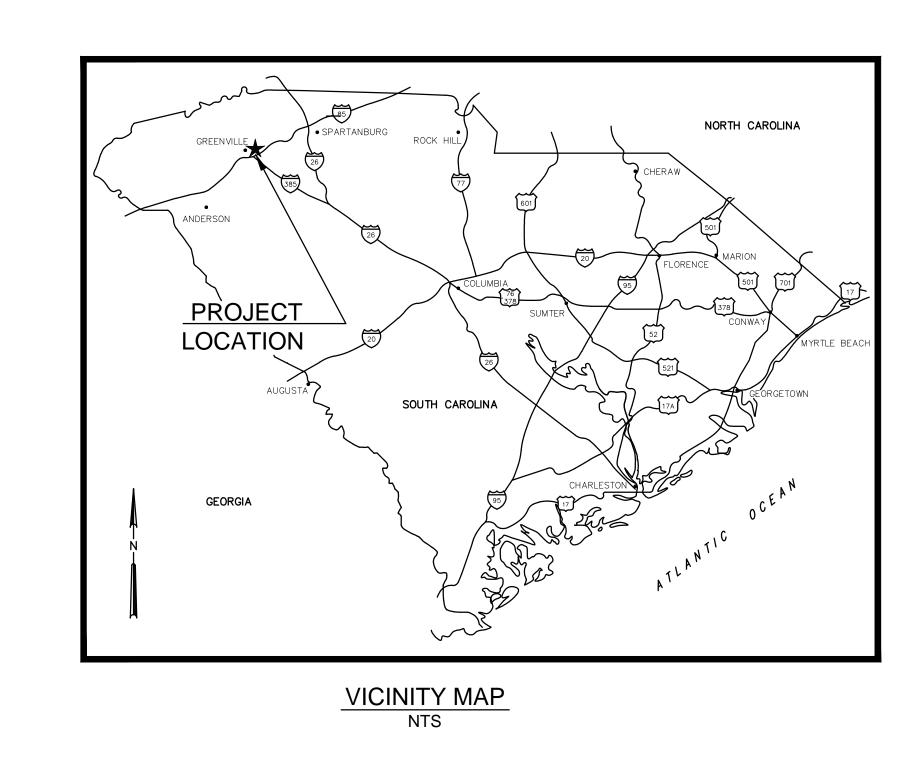


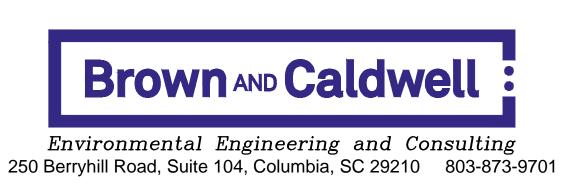
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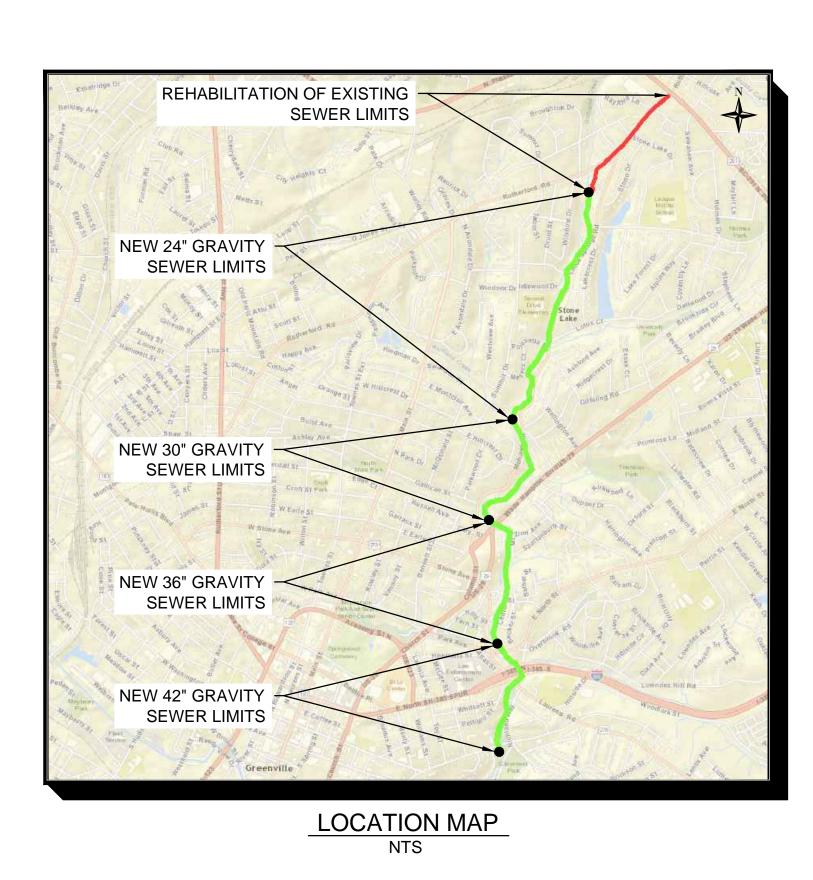
JANUARY 2016

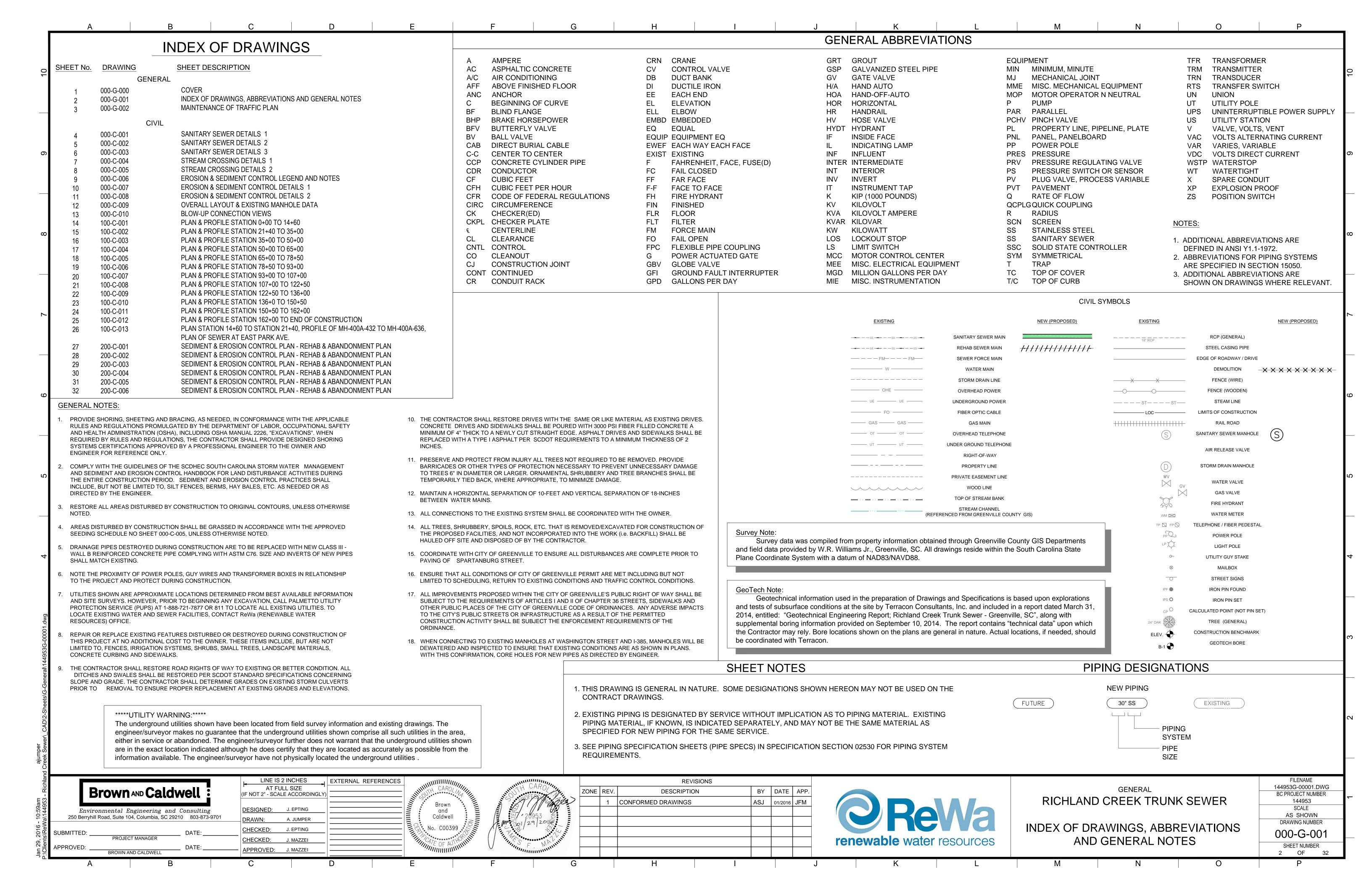
PREPARED BY:

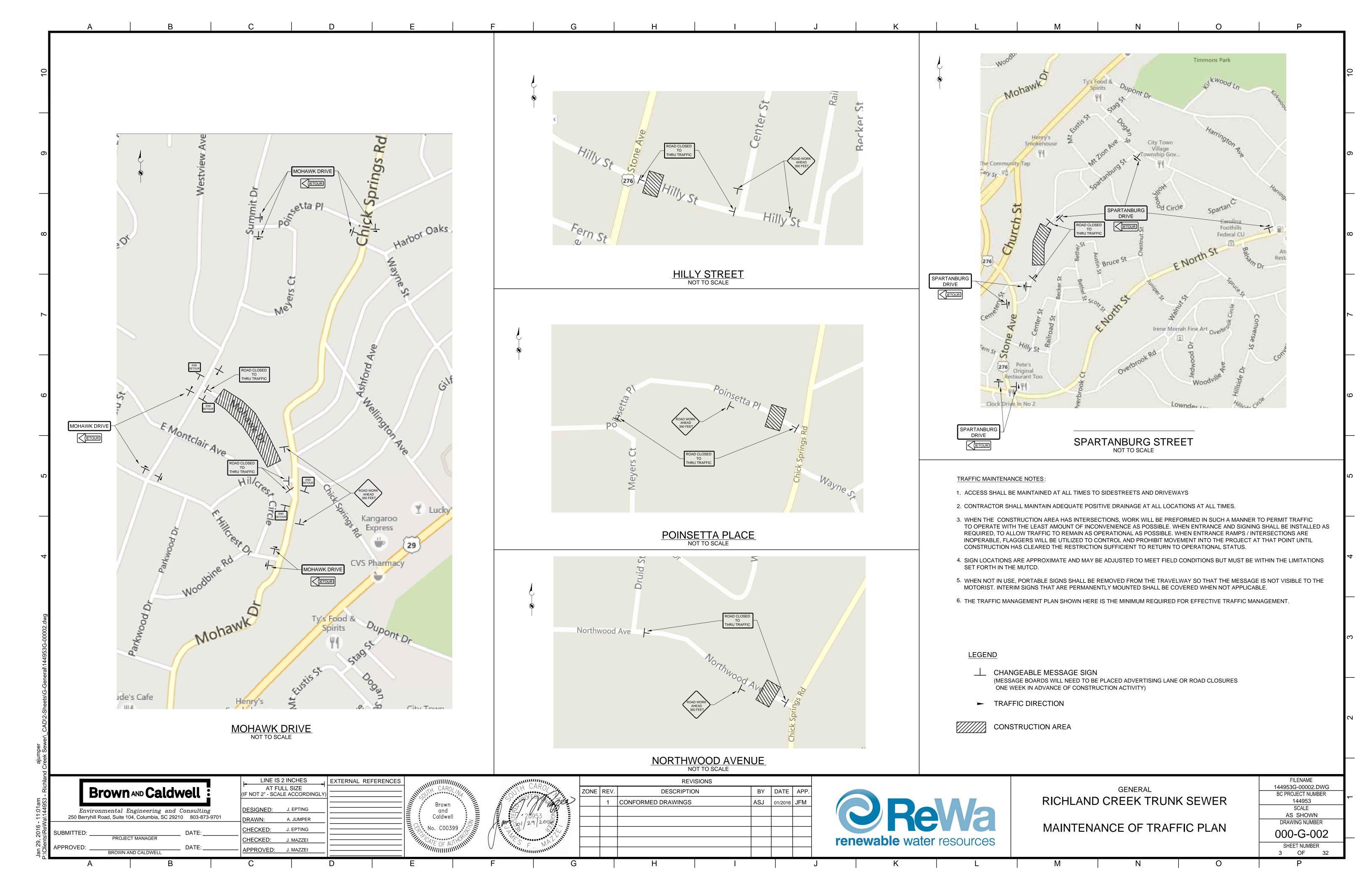


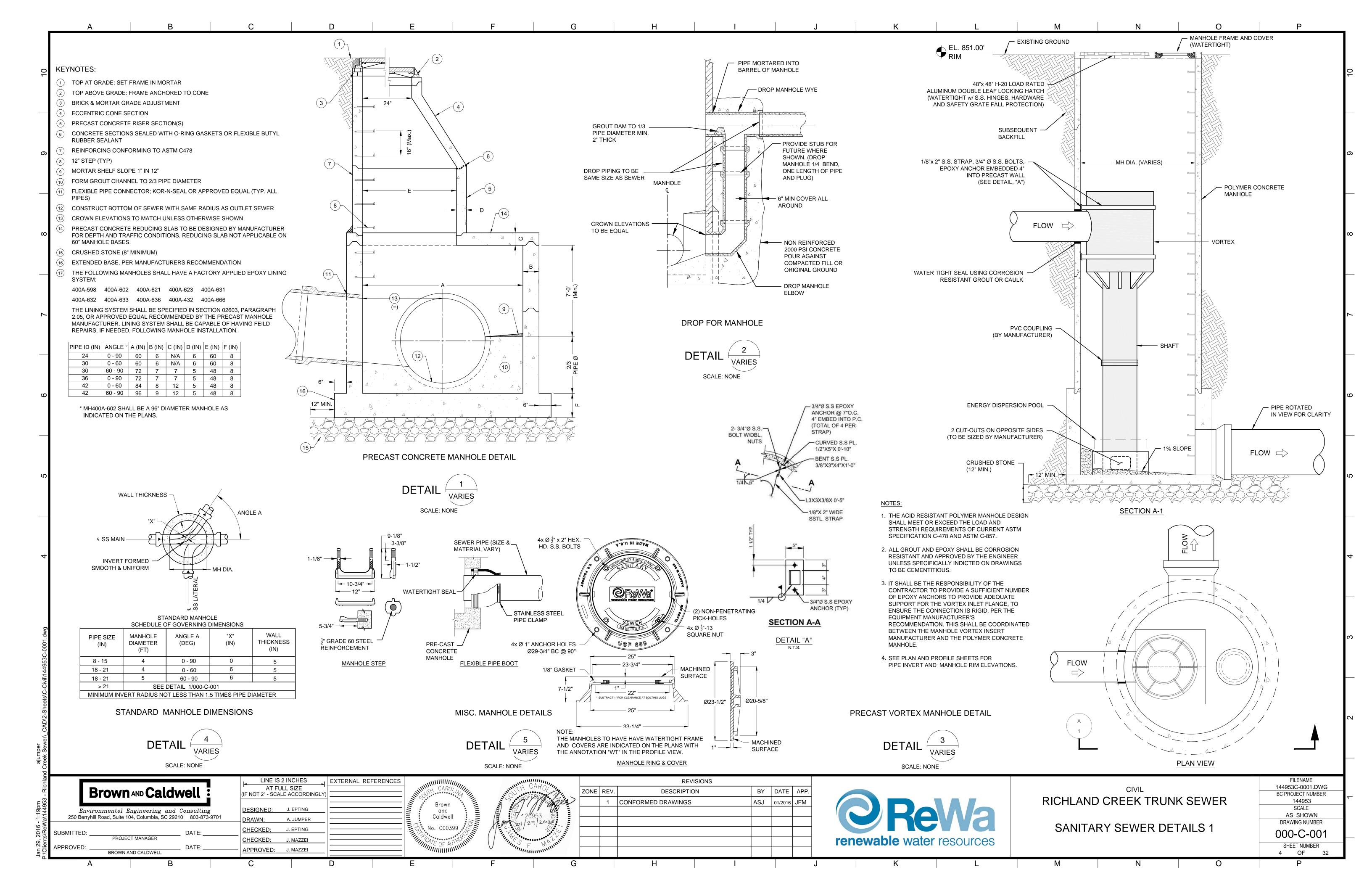


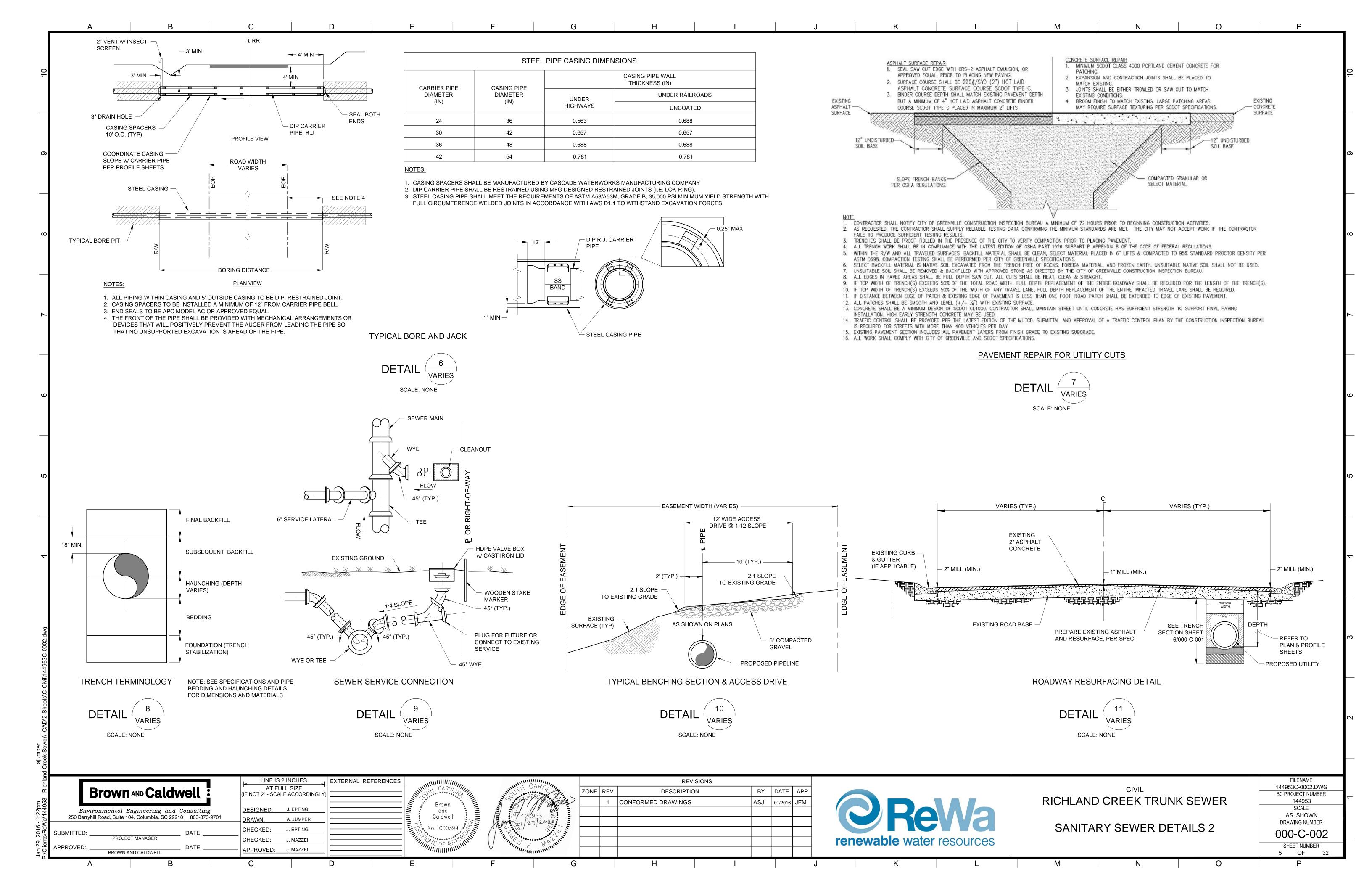


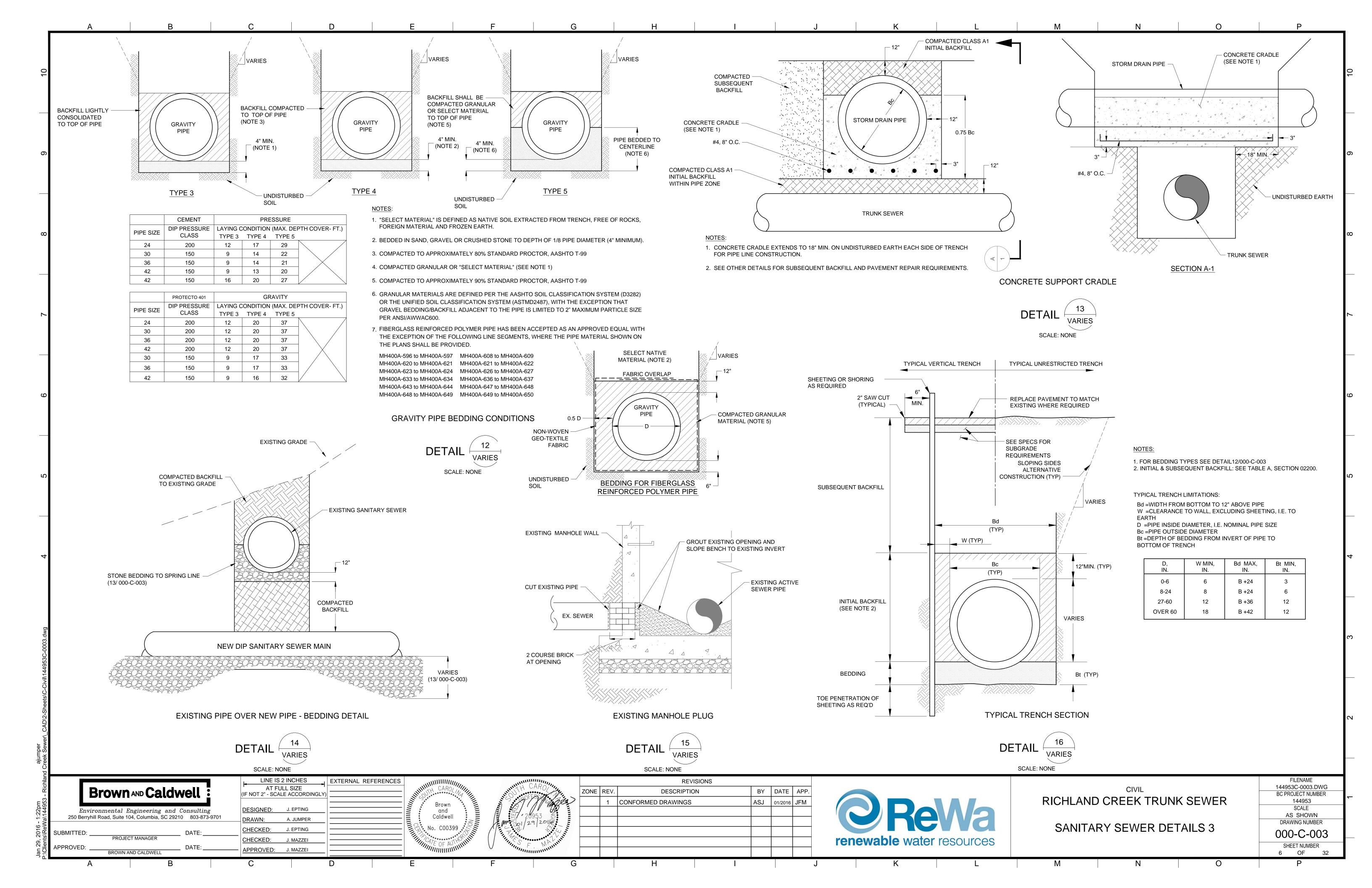


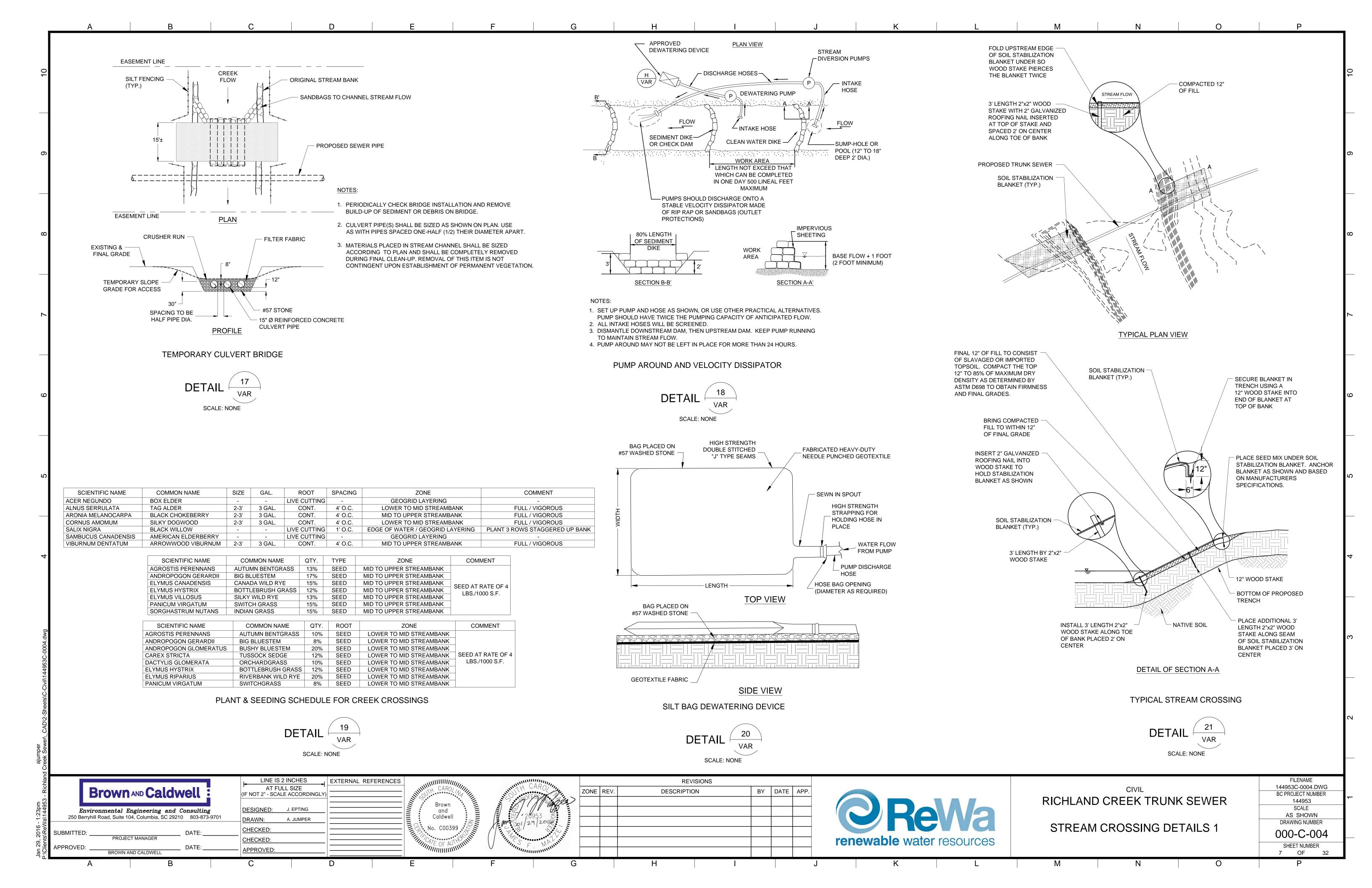


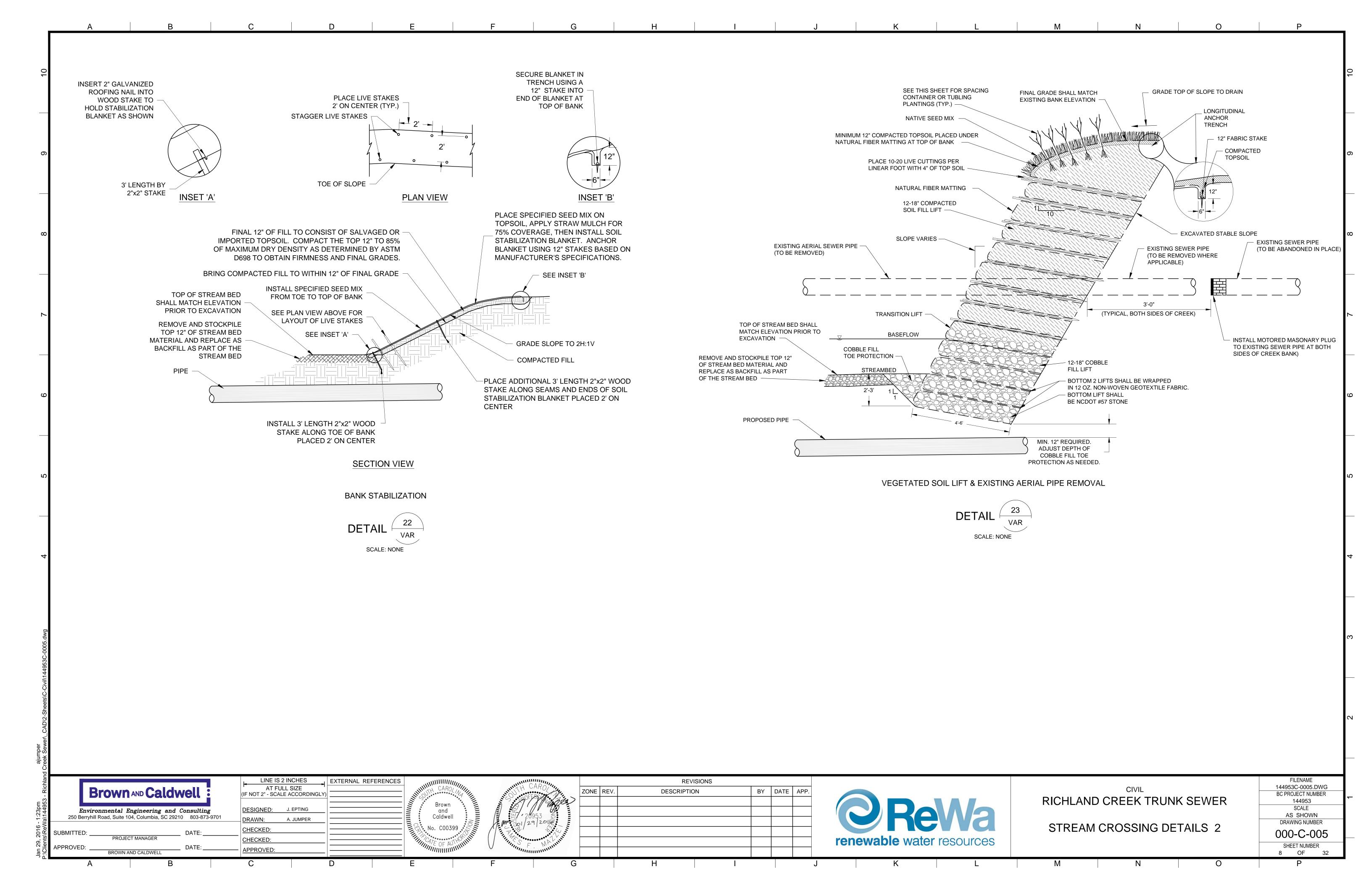




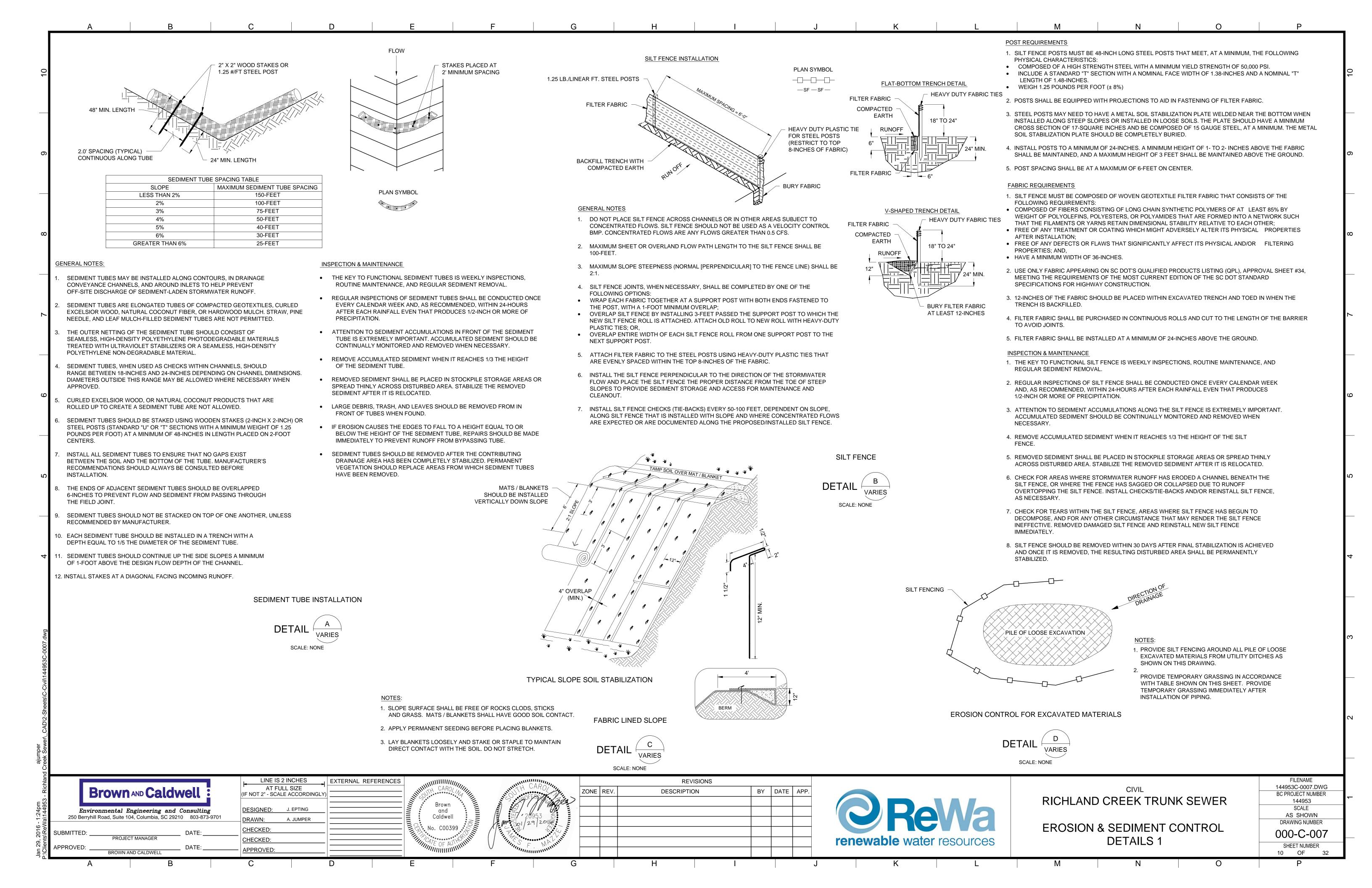


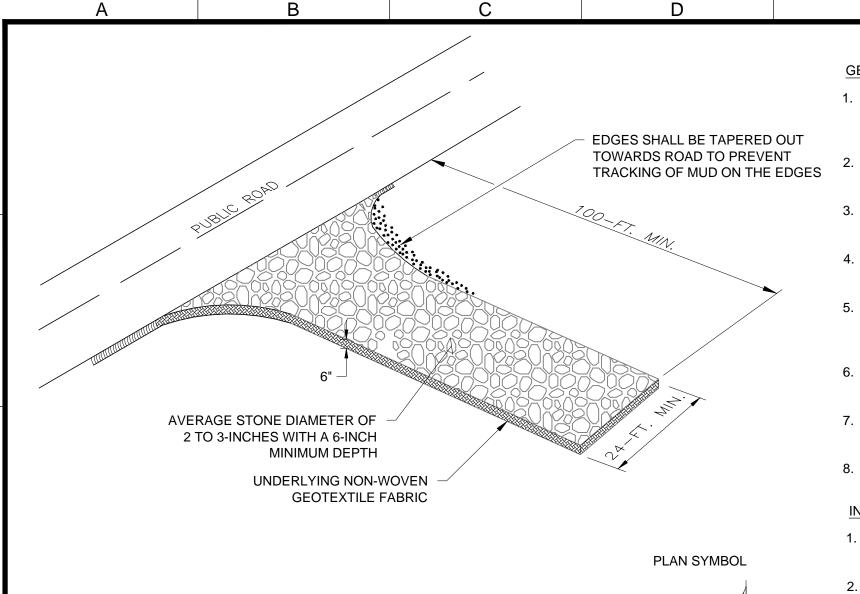






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SPECIFICATION	SIZE
ROCK PAD THICKNESS	6 INCHES
ROCK PAD WIDTH	24 FEET
ROCK PAD LENGTH	100 FEET
ROCK PAD STONE SIZE	D = 2-3 INCHES

GENERAL NOTES

- 1. STABILIZED CONSTRUCTION ENTRANCES SHOULD BE USED AT ALL POINTS WHERE TRAFFIC WILL EGRESS/INGRESS A CONSTRUCTION SITE ONTO A PUBLIC ROAD OR ANY IMPERVIOUS SURFACES, SUCH AS PARKING LOTS.
- 2. INSTALL A NON-WOVEN GEOTEXTILE FABRIC PRIOR TO PLACING ANY STONE
- 3. INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE.
- 4. THE ENTRANCE SHALL CONSIST OF 2-INCH TO 3-INCH D50 STONE PLACED AT A MINIMUM DEPTH OF 6-INCHES.
- 5. MINIMUM DIMENSIONS OF THE ENTRANCE SHALL BE 15-FEET WIDE BY 20-FEET LONG, AND MAY BE MODIFIED AS NECESSARY TO ACCOMMODATE SITE CONSTRAINTS.
- 6. THE EDGES OF THE ENTRANCE SHALL BE TAPERED OUT TOWARDS THE ROAD TO PREVENT TRACKING AT THE EDGE OF THE ENTRANCE.
- 7. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN OR OTHER SEDIMENT TRAPPING STRUCTURE.
- 8. LIMESTONE MAY NOT BE USED FOR THE STONE PAD.

INSPECTION & MAINTENANCE

- 1. THE KEY TO FUNCTIONAL CONSTRUCTION ENTRANCES IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.
- 2. REGULAR INSPECTIONS OF CONSTRUCTION ENTRANCES SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24-HOURS AFTER EACH RAINFALL EVEN THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION.
- 3. DURING REGULAR INSPECTIONS, CHECK FOR MUD AND SEDIMENT BUILDUP AND PAD INTEGRITY. INSPECTION FREQUENCIES MAY NEED TO BE MORE FREQUENT DURING LONG PERIODS OF WET WEATHER.
- 4. RESHAPE THE STONE PAD AS NECESSARY FOR DRAINAGE AND RUNOFF
- 5. WASH OR REPLACE STONES AS NEEDED AND AS DIRECTED BY SITE INSPECTOR. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE THE AMOUNT OF MUD BEING CARRIED OFF-SITE BY VEHICLES. FREQUENT WASHING WILL EXTEND THE USEFUL LIFE OF STONE PAD.
- 6. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO ADJACENT IMPERVIOUS SURFACES BY BRUSHING OR SWEEPING. FLUSHING SHOULD ONLY BE USED WHEN THE WATER CAN BE DISCHARGED TO A SEDIMENT TRAP OR BASIN.
- 7. DURING MAINTENANCE ACTIVITIES, ANY BROKEN PAVEMENT SHOULD BE REPAIRED IMMEDIATELY.
- 8. CONSTRUCTION ENTRANCES SHOULD BE REMOVED AFTER THE SITE HAS REACHED FINAL STABILIZATION. PERMANENT VEGETATION SHOULD REPLACE AREAS FROM WHICH CONSTRUCTION ENTRANCES HAVE BEEN REMOVED, UNLESS AREA WILL BE CONVERTED TO AN IMPERVIOUS SURFACE TO SERVE POST-CONSTRUCTION.

SEE APPROVED TREE PRESERVATION PLAN FOR REQUIRED RADIUS OF TREE BARRIER TREE PRESERVATION AND PROTECTION SYMBOL FOR PRUNING SEE NATIONAL ARBORIST ASSOCIATION SPECS. PLAN VIEW OF ROOT ZONE ONE FOOT FOR EACH INCH OF TRUNK DIAMETER OR 1/2 HEIGHT OF TREE WHICHEVER IS GREATER. 6' MINIMUM WIDTH FOR 2" CAL. TREES DEAD TREES AND SCRUB OR OR SMALLER UNDER GROWTH SHALL BE CUT - 6" BARK MULCH, PLACE BARK FLUSH WITH ADJACENT GRADE. MULCH AT AREAS NOT NO GRUBBING ALLOWED UNDER PROTECTED BY BARRIER. DRIP LINE. TREE LIMB REMOVAL 2"x4" STANDARDS + 1"x4" RAILS OR ORANGE SAFETY FENCING MAY BE

NOTES:

- 1. REMOVE ALL BARRIERS UPON COMPLETION OF PROJECT.
- 2. SEDIMENT & EROSION CONTROL PLANS SHALL SHOW THE LOCATIONS OF ALL TREE PROTECTION FENCES.
- 3. TREE PROTECTION MEASURE MUST BE IN PLACE BEFORE EXCAVATION BEGINS.
- 4. SHOULD ANY EXISTING TREES WITHIN CLEVELAND PARK NEED TO BE REMOVED DUE TO EXCAVATION WORK, THE CONTRACTOR SHALL CALL CITY OF GREENVILLE PARKS AND RECREATION AT (864) 467-4350 FOR APPROVAL BEFORE CUTTING.

TREE PROTECTION



CONSTRUCTION ENTRANCE



Environmental Engineering and Consulting
250 Berryhill Road, Suite 104, Columbia, SC 29210 803-873-9701

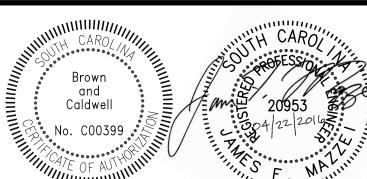
MITTED: DATE:

LINE IS 2 INCHES

AT FULL SIZE
(IF NOT 2" - SCALE ACCORDINGLY)

DESIGNED: J. EPTING
DRAWN: A. JUMPER

CHECKED:
CHECKED:
APPROVED:



ZONE REV. DESCRIPTION BY DATE APP.

1 ADDITION OF NOTES 3 & 4 TO TREE PROTECTION DETAIL ASJ 04/2016 JFM

REVISIONS



RICHLAND CREEK TRUNK SEWER

EROSION & SEDIMENT CONTROL DETAILS 2

FILENAME
144953C-0008.DWG
BC PROJECT NUMBER
144953
SCALE
AS SHOWN
DRAWING NUMBER

000-C-008
SHEET NUMBER
11 OF 32

