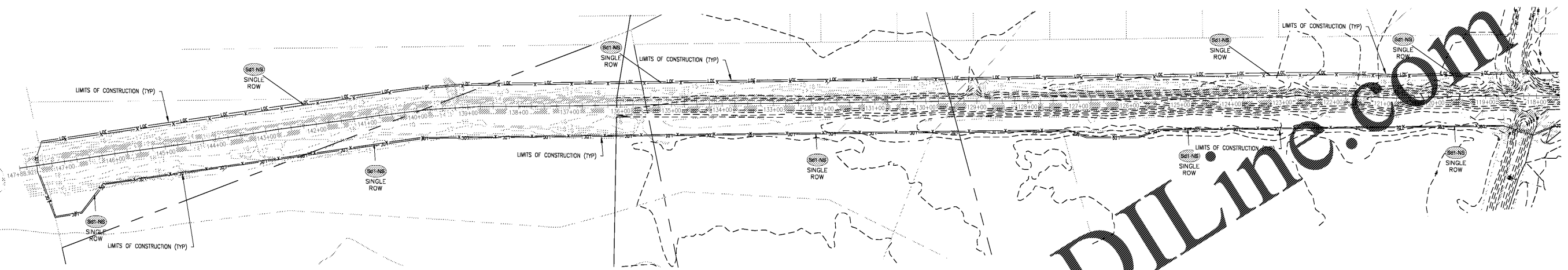


© 2018 COLEMAN COMPANY, INC. DATE PLOTTED: 12/29/2020 10:42 AM BY: Badi Richter DRAWING PATH: Q:\2020\20-265\000\DWG\Civil\20-265-C PipeMaker Canal Pooler Preview US 12/29/20.dwg



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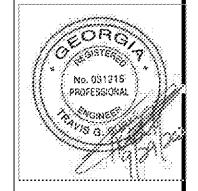
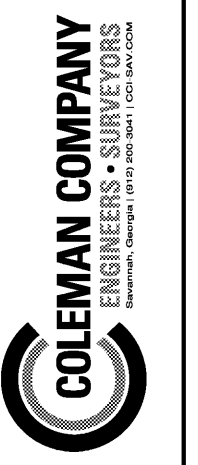
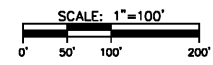
RATIONALE FOR SEDIMENT STORAGE IN SILT FENCE IN INITIAL PHASE:
THE ONLY LAND THAT IS BEING DISTURBED IN THE INITIAL PHASE IS THE SILT FENCE AREA AND CONSTRUCTION ENTRANCE. THUS THE INITIAL PHASE IS A LINEAR PROJECT AS DEFINED BY THE EROSION CONTROL MANUAL. LINEAR PROJECTS CAN UTILIZE SILT FENCE FOR SEDIMENT STORAGE. ALSO, THE DISTURBED AREA IN THE INITIAL PHASE IS LESS THAN 1 ACRE. FINALLY, THE WAY THE EXISTING SITE IS CONFIGURED, MUCH MORE AREA WOULD NEED TO BE DISTURBED IN THE INITIAL PHASE TO INCLUDE SEDIMENT BASINS AND DIVERSION SWALES TO CONVEY WATER AND SEDIMENT TO SAND BASINS. THUS, SEDIMENT STORAGE IN SILT FENCE IS THE BEST OPTION FOR SEDIMENT STORAGE IN THE INITIAL PHASE.

REVISIONS:

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- SEQUENCE OF CONSTRUCTION**
- INITIAL PHASE:**
1. INSTALL PERIMETER CONTROLS TO INCLUDE SILT FENCING AND CONSTRUCTION EXIT.
 2. REMOVE DESIGNATED TREES AND CLEAR, GRUB AND GRADE SITE.
 3. LIMIT CLEARING AND GRUBBING OF SITE TO ONLY AREAS NECESSARY FOR CONSTRUCTION AS SHOWN.
- INTERMEDIATE PHASE:**
1. INSTALL TURBIDITY CURTAINS UPSTREAM AND DOWNSTREAM PRIOR TO CONSTRUCTION.
 2. GRADE SITE TO FINAL ELEVATIONS AND INSTALL SLOPE STABILIZATION MATTING.
 3. INSTALL STORM STRUCTURES AND PIPING.
 4. INSTALL STONE RIP-RAP AT STORM PIPE FLARED END SECTIONS.
- FINAL PHASE:**
1. STABILIZE ALL REMAINING DISTURBED AREAS.
 2. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND STABILIZE DISTURBED AREAS ACCORDINGLY.

DESIGN PROFESSIONAL'S CREDENTIALS:
ENGINEER'S NAME (PRINTED): TRAVIS BURKE, PE
GEORGIA PE NUMBER: 31215
GSWCC LEVEL II CERTIFICATION NUMBER: 8134



RELEASED FOR CONSTRUCTION

REVISIONS:

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CIVIL CONSTRUCTION PLANS FOR
PIPE MAKER'S CANAL IMPROVEMENTS
LOCATED IN POOLER, GA
PREPARED FOR CITY OF POOLER

JOB NUMBER: 20-265
DATE: 06/05/20
DRAWN BY: RAR
CHECKED BY: TGB
SCALE: AS NOTED

INITIAL EROSION CONTROL

SHEET:
ES7.1