

# CITY OF TUCKER

## ACKNOWLEDGE RECEIPT OF ADDENDUM #2 FORM

ITB 2024-014

### JOHNS HOMESTEAD PARK AND DAM IMPROVEMENT PROJECT

**Upon receipt, please print and add to your proposal.**

**I hereby acknowledge receipt of the supplement pertaining to the  
above referenced bid.**

COMPANY NAME: \_\_\_\_\_

CONTACT PERSON: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

\_\_\_\_\_

SIGNATURE

DATE

ITB 2024-014  
ADDENDUM #2

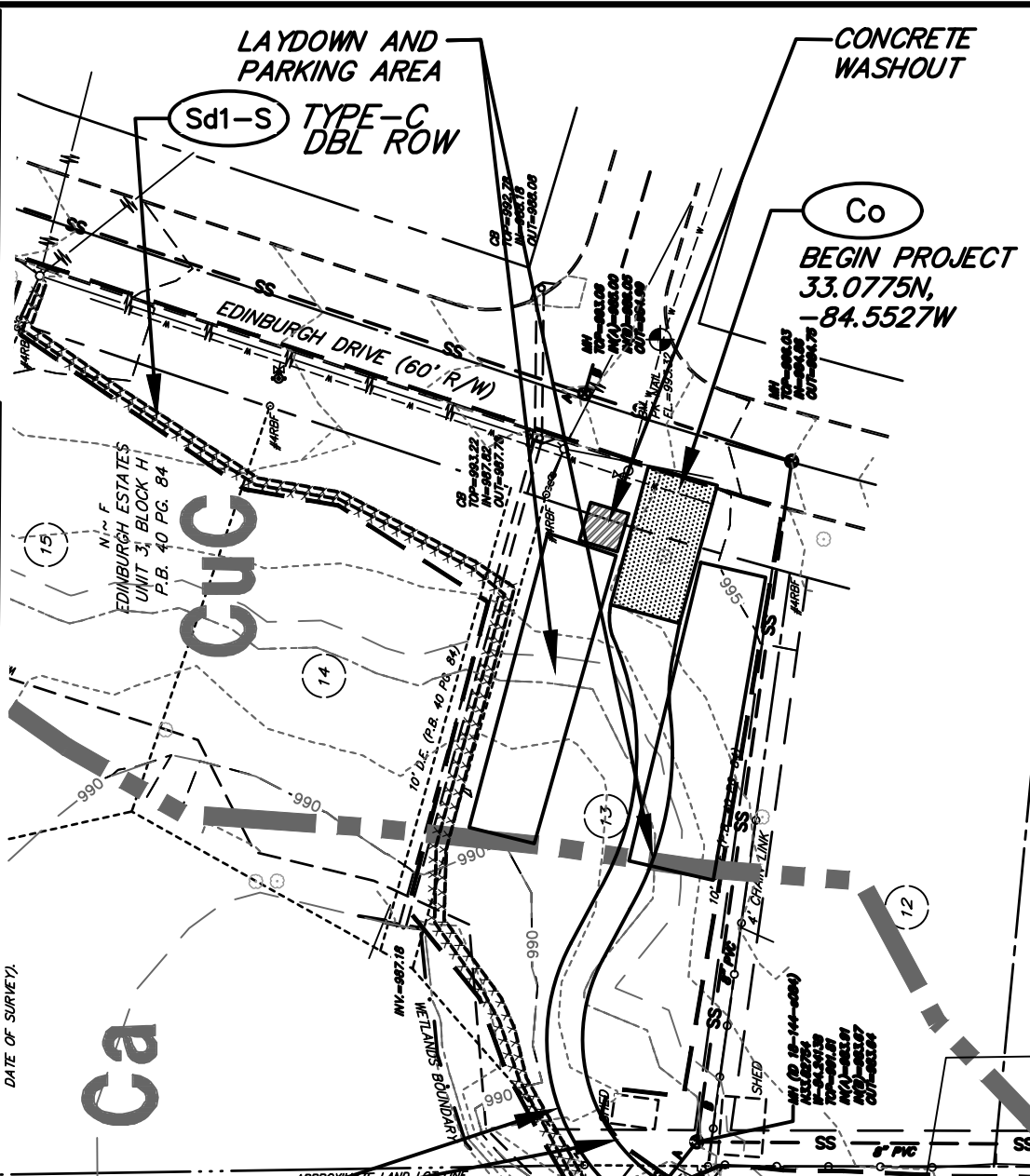
- Updated Erosion Control Plans
  - The attached Erosion Control Plans were updated to incorporate comments from the permitting review. The revisions were minor in nature and should not impact the bid price. These plans shall replace sheets C-200 through C-209 in the original bid set.
  
- Geotechnical data was taken for each of the dam locations. This information is included on the plans. Any additional Geotechnical information that may be needed for the project will be taken during construction by the City's third party engineer and provided to the Contractor.
  
- No questions were received between August 7, 2024 and August 16, 2024, which was the time provided in Addendum 1 for additional questions.





NOTE: PLEASE SEE THE COVER SHEET FOR THE VICINITY MAP AND THE FEMA FLOODPLAIN MAP FOR THE SITE AND SURROUNDING AREA. DUE TO THE SIZE OF THE SITE AND THE INFORMATION NEEDED TO BE SHOWN ON THE TWO MAPS, THERE IS NOT ENOUGH ROOM ON THIS SHEET FOR THOSE TWO MAPS AND ALL OF THE OTHER REQUIRED INFORMATION TO BE SHOWN TOGETHER.

NOTE: PLEASE SEE THE COVER SHEET FOR THE APPROVAL INFORMATION FOR A STATE WATERS BUFFER VARIANCE FOR THIS PROJECT DATED: NOV. 15, 2023; AS WELL AS A U.S. ARMY CORPS OF ENGINEERS APPROVAL FOR A PRE-CONSTRUCTION NOTIFICATION (PCN) FOR NWP No. 3 FOR THE PARK AND DAM IMPROVEMENTS NECESSARY TO CONSTRUCT THIS PROJECT.



THE PROJECT IS A RENOVATION OF AN EXISTING DAM. CONSTRUCTION ACTIVITIES WILL BE LOCATED WITHIN STATE WATERS (DRAINED DURING CONSTR.) AND/OR WITHIN WETLANDS. THE FOLLOWING TEMPORARY AND PERMANENT MEASURES WILL BE UTILIZED, IN CONJUNCTION TO THE BMP'S DENOTED ON THE EROSION CONTROL PLANS TO PREVENT THE ESCAPE OF SEDIMENT FROM ENTERING THE STREAM BELOW THE DAM.

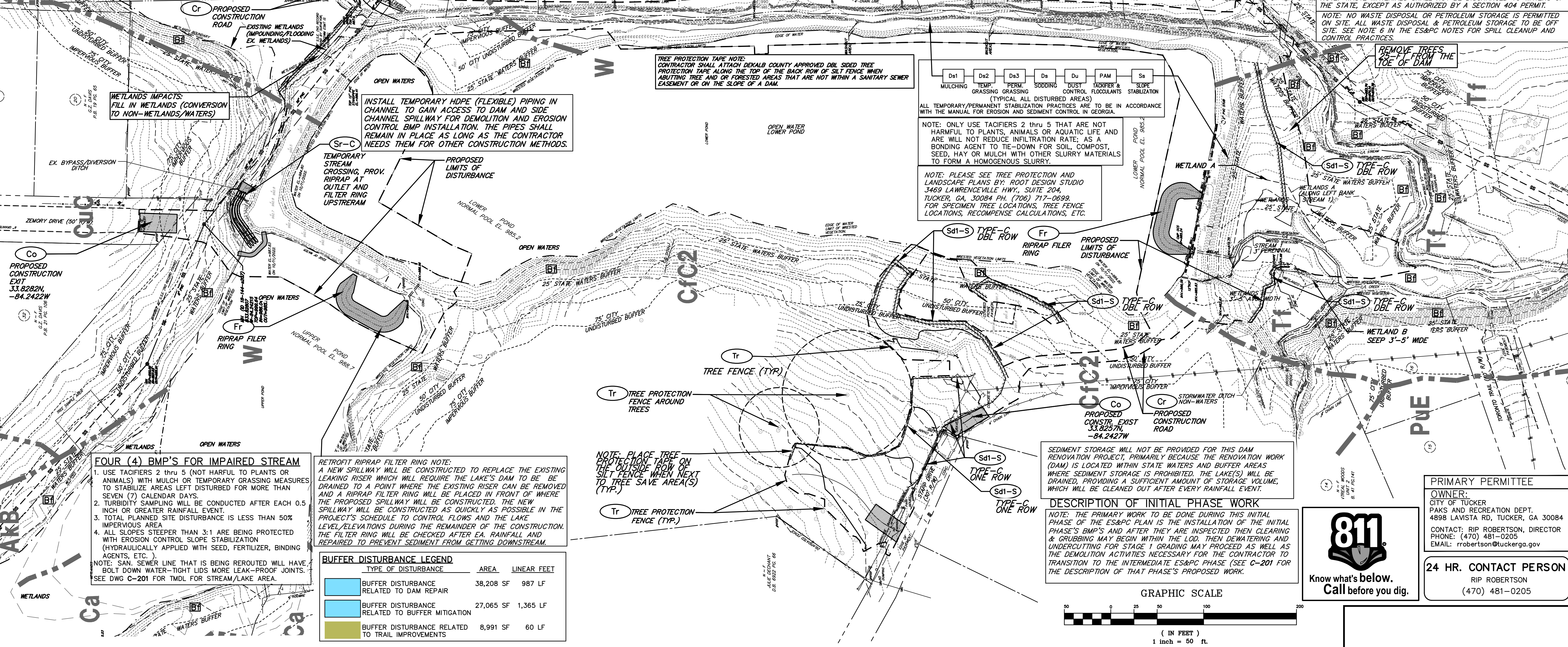
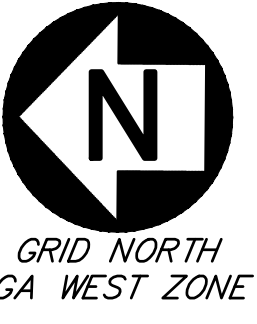
CONSTRUCTION EXIT NOTE: A STABILIZED CONSTRUCTION EXIT WILL BE PROVIDED AT THE SITE ENTRANCE AND/OR AT THE EXIT POINT OF CONSTRUCTION ACTIVITIES. THE (PUBLIC) DRIVEWAY AND STREET WILL BE INSPECTED DAILY FOR TRACKING OF MUD, DIRT, AND ROCK. DUMP TRUCKS Hauling MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.

EROSION CONTROL (BMP) LEGEND table with columns for SOIL DELINEATION, BUFFER ZONE, and various BMP types like MULCHING, SLOPE STABILIZATION, etc.

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SOILS LEGEND table with columns for SOIL TYPE and PERCENT SLOPES, listing categories like ALTAMSTA FINE SANDY LOAM, etc.

STATE WATERS EXISTS WITHIN 200 FEET OF THE SITE. THE RECEIVING WATERS FROM THIS SITE IS A TRIBUTARY OF SOUTH FORK PEACHTREE CREEK. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND-DISTURBING ACTIVITIES.



WETLANDS IMPACTS: FILL IN WETLANDS (CONVERSION TO NON-WETLANDS/WATERS)

INSTALL TEMPORARY HDPE (FLEXIBLE) PIPING IN CHANNEL TO GAIN ACCESS TO DAM AND SIDE CHANNEL SPILLWAY FOR DEMOLITION AND EROSION CONTROL BMP INSTALLATION.

TREE PROTECTION TAPE NOTE: CONTRACTOR SHALL ATTACH DEKALB COUNTY APPROVED DBL SIDED TREE PROTECTION TAPE ALONG THE TOP OF THE BACK ROW OF SILT FENCE WHEN ABUTTING TREE AND OR FORESTED AREAS THAT ARE NOT WITHIN A SANITARY SEWER EASEMENT OR ON THE SLOPE OF A DAM.

NOTE: ONLY USE TACIFIERS 2 thru 5 THAT ARE NOT HARMFUL TO PLANTS, ANIMALS OR AQUATIC LIFE AND ARE WILL NOT REDUCE INFILTRATION RATE; AS A BONDING AGENT TO TIE-DOWN FOR SOIL, COMPOST, SEED, HAY OR MULCH WITH OTHER SLURRY MATERIALS TO FORM A HOMOGENOUS SLURRY.

NOTE: PLEASE SEE TREE PROTECTION AND LANDSCAPE PLANS BY: ROOT DESIGN STUDIO 3469 LAWRENCEVILLE HWY., SUITE 204, TUCKER, GA, 30084 PH. (706) 717-0699 FOR SPECIMEN TREE LOCATIONS, TREE FENCE LOCATIONS, RECOMPENSE CALCULATIONS, ETC.

FOUR (4) BMP'S FOR IMPAIRED STREAM: 1. USE TACIFIERS 2 thru 5 (NOT HARMFUL TO PLANTS OR ANIMALS) WITH MULCH OR TEMPORARY GRASSING MEASURES TO STABILIZE AREAS LEFT DISTURBED FOR MORE THAN SEVEN (7) CALENDAR DAYS.

RETROFIT RIPRAP FILTER RING NOTE: A NEW SPILLWAY WILL BE CONSTRUCTED TO REPLACE THE EXISTING LEAKING RISER WHICH WILL REQUIRE THE LAKE'S DAM TO BE DRAINED TO A POINT WHERE THE EXISTING RISER CAN BE REMOVED AND A RIPRAP FILTER RING WILL BE PLACED IN FRONT OF WHERE THE PROPOSED SPILLWAY WILL BE CONSTRUCTED.

NOTE: PLACE TREE PROTECTION TAPE ON THE OUTSIDE ROW OF SILT FENCE WHEN NEXT TO TREE SAVE AREA(S) (TYP.)

BUFFER DISTURBANCE LEGEND table with columns for TYPE OF DISTURBANCE, AREA, and LINEAR FEET, listing categories like BUFFER DISTURBANCE RELATED TO DAM REPAIR, etc.

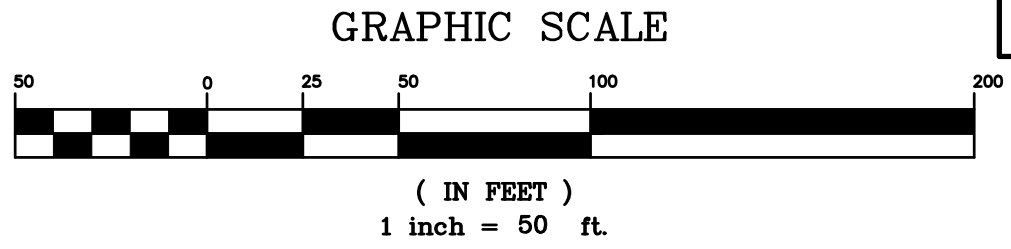
SEDIMENT STORAGE WILL NOT BE PROVIDED FOR THIS DAM RENOVATION PROJECT, PRIMARILY BECAUSE THE RENOVATION WORK (DAM) IS LOCATED WITHIN STATE WATERS AND BUFFER AREAS WHERE SEDIMENT STORAGE IS PROHIBITED.

DESCRIPTION OF INITIAL PHASE WORK: NOTE: THE PRIMARY WORK TO BE DONE DURING THIS INITIAL PHASE OF THE ES&PC PLAN IS THE INSTALLATION OF THE INITIAL PHASE'S BMP'S AND AFTER THEY ARE INSPECTED THEN CLEARING & GRUBBING MAY BEGIN WITHIN THE LOD.

PRIMARY PERMITTEE: OWNER: CITY OF TUCKER PAKS AND RECREATION DEPT. 4998 LAVISTA RD, TUCKER, GA 30084



24 HR. CONTACT PERSON: RIP ROBERTSON (470) 481-0205



Project title block containing: JOHN'S HOMESTEAD PARK EROSION CONTROL INITIAL PLAN, WALDEN, ASHWORTH & ASSOCIATES, INC., CITY OF TUCKER AND DEKALB COUNTY, 42016-C-202A, and various project details like scale, date, and drawing number.

**DESCRIPTION OF FINAL PHASE WORK**

*NOTE: THE PRIMARY WORK TO BE DONE DURING THIS FINAL PHASE OF THE ES&PC PLAN IS TO VERIFY THAT THE SITE IS AT FINAL GRADE, EITHER OVER THE ENTIRE SITE OR WITHIN AREAS TO BE PERMANENTLY STABILIZED. AREAS AND/OR THE SITE THAT IS STABILIZED MAY HAVE THEIR TEMP. STRUCTURAL BMP'S REMOVED AND THEIR PERMANENT VEGETATIVE GRASSING PLACED AS DENOTED ON THE TABLES AND NOTES ON C-200. ALL AREAS TO HAVE SLOPE STABILIZATION SHALL BE CHECKED AND IF THEY HAVE NOT STARTED VEGETATING, THEN THEY SHALL BE HYDRAULICALLY APPLIED. TREE FENCING SHALL BE REMOVED IF HEAVY EQUIPMENT IS NO LONGER A THREAT TO THE TREES. THE CONCRETE WASHOUT MAY BE REMOVED IF CONCRETE IS NO LONGER BEING POURED. AN NOT MAY BE FILED WHEN THE SITE IS FULLY STABILIZED IN ACCORDANCE WITH THE NPDES PERMIT REQUIREMENTS.*

**FINAL PHASE NOTES:**

THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT POND IF APPLICABLE UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE POND WHEN IT REACHES ONE THIRD OF THE DEPTH OF THE BASIN.

ALL ROADWAY AND PARKING SHOULDERS SHOULD BE GRASSED AS SOON AS FINAL GRADE IS ACHIEVED.

SEDIMENT AND EROSION CONTROL MEASURES MUST BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.

FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE SITE UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED PLANS.

UPON COMPLETION OF THE PROJECT AND RECEIPT OF THE CERTIFICATE OF COMPLETION, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND DISPOSE OF THEM UNLESS NOTED OTHERWISE ON PLANS.

FOR ADDITIONAL EROSION CONTROL NOTES FOR EACH ES&PC PHASE, SEE EROSION CONTROL NOTES DRAWINGS.

**GRADING PHASE NOTES:**

DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO ENSURE THAT LAND STRIPPED OF ITS NATURAL GROUND COVER IS EXPOSED ONLY IN SMALL QUANTITIES, AND THEREFORE, LIMITED DURATIONS BEFORE PERMANENT EROSION PROTECTION IS ESTABLISHED.

EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS SHALL BE CAREFULLY CONTROLLED TO AVOID DUMPING OR SLOUGHING INTO THE BUFFER AREAS.

EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION, AND ALTER THE LOCATION OF EROSION CONTROL DEVICES ACCORDINGLY. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE DESIGN PROFESSIONAL IMMEDIATELY.

THE CONTRACTOR SHALL ESTABLISH BARRIERS AT THE TOP OF ALL SLOPES UNDER CONSTRUCTION. CUT AND FILL SLOPES SHALL NOT EXCEED 3:1 UNLESS SPECIFICALLY DENOTED ON THE PLANS.

STORM DRAIN OUTLET PROTECTION SHALL BE PLACED AT ALL OUTLET HEADWALLS AS SOON AS THE HEADWALL IS CONSTRUCTED.

ALL DRAINAGE SWALES AND GRADED AREAS SHALL BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED. MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE. ALL DISTURBED AREAS LEFT MULCHED FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.

THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT POND IF APPLICABLE UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEAN OUT OF THE POND WHEN IT REACHES ONE THIRD OF THE DEPTH OF THE BASIN.

MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE. ALL DISTURBED AREAS LEFT MULCHED FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.

SEDIMENT AND EROSION CONTROL MEASURES MUST BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.

CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED WASHED OR TRACKED FROM A VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.

FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.

FOR ADDITIONAL EROSION CONTROL NOTES FOR EACH ES&PC PHASE, SEE EROSION CONTROL NOTES DRAWINGS.

**CLEARING PHASE NOTES:**

PRIOR TO LAND DISTURBING ACTIVITY, THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION MEETING WITH THE AREA SITE DEVELOPMENT INSPECTOR(S), THE ENGINEER(S), AND THE CITY, COUNTY AND STATE OFFICIALS.

THE CONTRACTOR SHALL OBSERVE THE PROJECT SEQUENCE SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO ENSURE THAT LAND STRIPPED OF ITS NATURAL COVER IS EXPOSED ONLY IN SMALL QUANTITIES.

THE OWNER AGREES TO PROVIDE AND MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.

NO STAGING AREAS, MATERIAL STORAGE, CONCRETE WASH OUT AREAS, OR DEBRIS BURNING AND BURIAL HOLES SHALL BE LOCATED WITHIN 500 FEET OF DESIGNATED TREE PROTECTION AREAS.

A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE AT ALL TIMES.

PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, LIMITS OF LAND DISTURBANCE SHALL CLEARLY AND ACCURATELY BE DEMARCATED WITH STAKES, RIBBONS OR OTHER APPROPRIATE MEANS, AND SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE LIMITS INDICATED ON THE APPROVED PLANS.

PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE OR ONTO ANY PUBLIC ROADWAY.

THE FOLLOWING INITIAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY:

1. THE CONSTRUCTION EXIT(S) SHALL BE PLACED AS SHOWN ON THE PLANS.
2. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION EXIT(S), ALL PERIMETER EROSION CONTROL AND STORMWATER MANAGEMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.
3. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBING ACTIVITY (SEE PLAN(S) BY ROOT DESIGN GROUP).

WITHIN SEVEN (7) DAYS AFTER INSTALLATION OF INITIAL EROSION CONTROL MEASURES, THE SITE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE PROJECT DESIGN PROFESSIONAL. NO OTHER CONSTRUCTION ACTIVITIES SHALL OCCUR UNTIL THE PROJECT PROFESSIONAL APPROVES THE INSTALLATION OF SAID EROSION CONTROL MEASURES. IF UNFORESEEN CONDITIONS EXIST IN THE FIELD THAT WARRANT ADDITIONAL EROSION CONTROL MEASURES, THE CONTRACTOR MUST CONSTRUCT ANY ADDITIONAL EROSION CONTROL DEVICES DEEMED NECESSARY BY THE PROJECT PROFESSIONAL DURING THE SITE INSPECTION.

AFTER APPROVAL OF INITIAL EROSION CONTROL INSTALLATION, THE CONTRACTOR MAY PROCEED WITH CLEARING AND GRUBBING ACTIVITIES. AS CLEARING PERMITS, THE CONTRACTOR SHALL CONSTRUCT SEDIMENT PONDS AS SHOWN ON PLANS.

THE CONTRACTOR CAN UTILIZE CLEARED TREES AS BARRIER BRUSH SEDIMENT CONTROL WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR.

NO BURN OR BURY PITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE WITHOUT WRITTEN PERMISSION BY THE OWNER AND/OR THE ENGINEER OF RECORD.

ALL SILT FENCES MUST MEET THE REQUIREMENTS OF SECTION 171-TEMPORARY SILT FENCE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATIONS, 1983 EDITION.

MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE. ALL DISTURBED AREAS LEFT MULCHED MORE THAN 30 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION.

SEDIMENT AND EROSION CONTROL MEASURES MUST BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.

THE CONSTRUCTION EXIT(S) SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM A VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.

CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE PROPER FUNCTIONING. FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE SITE UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED PLANS.

FOR ADDITIONAL EROSION CONTROL NOTES FOR EACH ES&PC PHASE, SEE CONTROL NOTES DRAWINGS.

**PRIMARY PERMITTEE**

**OWNER:**  
CITY OF TUCKER  
PAKS AND RECREATION DEPT.  
4898 LAVISTA RD, TUCKER, GA 30084  
CONTACT: RIP ROBERTSON, DIRECTOR  
PHONE: (470) 481-0205  
EMAIL: rrobertson@tuckerga.gov



**24 HR. CONTACT PERSON**  
RIP ROBERTSON  
(470) 481-0205

NO.	REVISIONS	MADE	OKD.	DATE	DRAWING NO.	REFERENCE DRAWINGS



SCALE:	DATE:
DESIGN BY: JR/JH	01/23
DRAWN BY: JH/EC	01/23
CHECKED BY: JR	01/23
CD# PEF 000707	EXP. 06/30/2024
JASON RAPPLEAN, PE, EDR LEVEL 2 CERTIFICATION # 3031 EXPIRATION DATE: 12/07/26	

**JOHNS HOMESTEAD PARK  
EROSION CONTROL  
INITIAL, INTERMEDIATE AND FINAL NOTES PLAN**

**CITY OF TUCKER AND DEKALB COUNTY**

**WALDEN, ASHWORTH & ASSOCIATES, INC.**

CONSULTING ENGINEERS  
P.O. BOX 6462  
MARIETTA, GEORGIA 30065  
(770) 956 - 7879

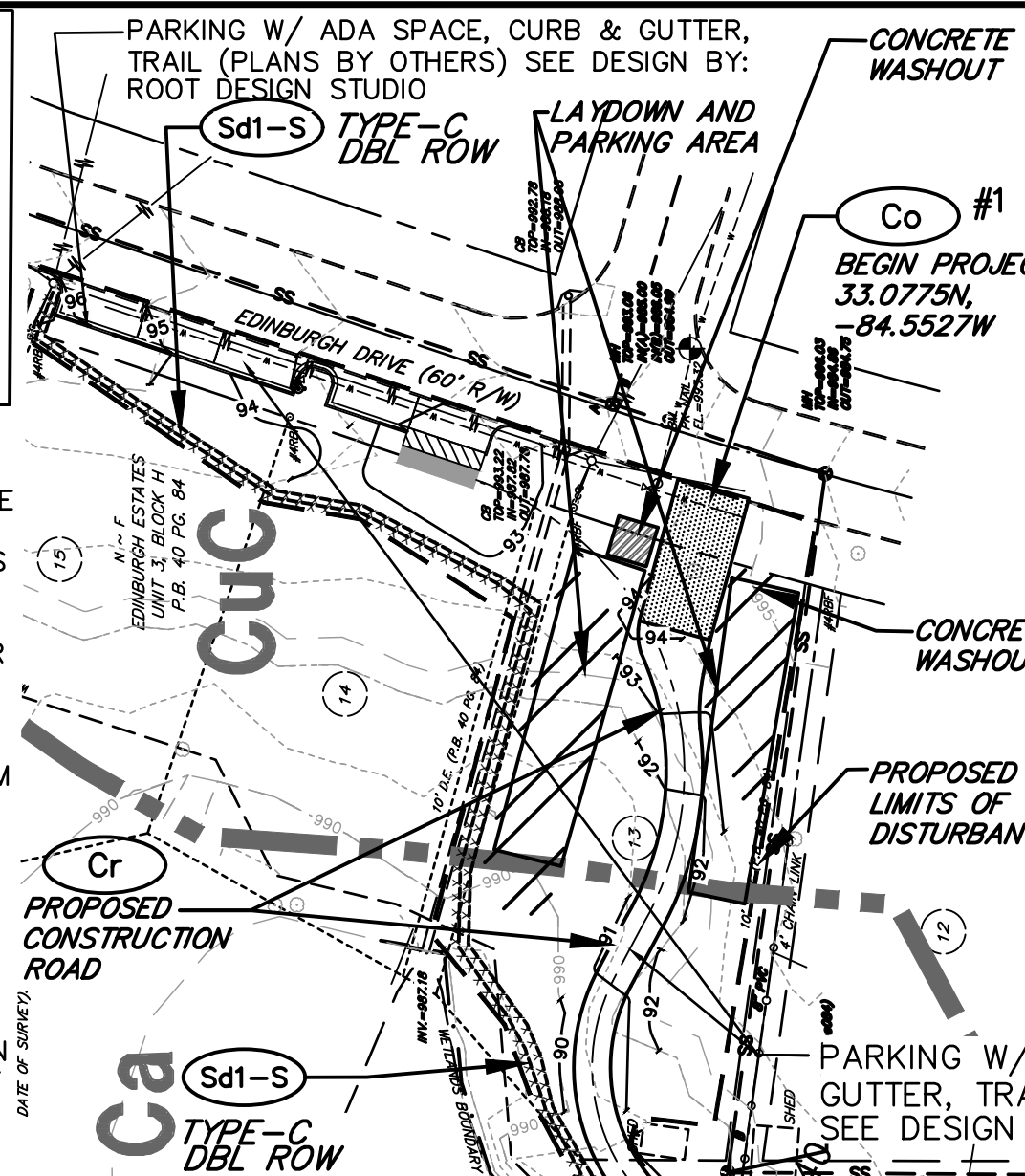
4201600 **42016-C-202B** **0**

NOTE: PLEASE SEE THE COVER SHEET FOR THE VICINITY MAP AND THE FEMA FLOODPLAIN MAP FOR THE SITE AND SURROUNDING AREA. DUE TO THE SIZE OF THE SITE AND THE INFORMATION NEEDED TO BE SHOWN ON THE TWO MAPS, THERE IS NOT ENOUGH ROOM ON THIS SHEET FOR THOSE TWO MAPS AND ALL OF THE OTHER REQUIRED INFORMATION TO BE SHOWN TOGETHER.

**STATE WATERS BUFFER STATEMENT**

NOTE: THIS PROJECT IS BEING CARRIED OUT UNDER THE SUPERVISION OF THE CITY OF TUCKER AND DEKALB COUNTY PUBLIC WORKS. THERE ARE THREE PORTIONS OF WORK INVOLVED WITH THIS BUFFER VARIANCE REQUEST:

1. IS TO MOVE THE UPPER DAM SO THAT THE SEWER LINE NO LONGER IS WITHIN THE DAM, WHICH CREATES A HAZARD FOR THE UPSTREAM WETLANDS AND THE DOWNSTREAM OPEN WATERS.
2. THE SIDE CHANNEL SPILLWAY FOR THE UPPER DAM RUNS ALONG A SANITARY SEWER LINE AT APPROXIMATELY THE SAME ELEVATION AND IS EXEMPT FROM THE GEORGIA EROSION AND PRESENTMENTS NOT ONLY A CONTAMINATION HAZARD BUT A HYDRAULIC ONE AS WELL, SO WE PROPOSE TO CLOSE THE SPILLWAY WITH THE CONSTRUCTION OF A NEW SPILLWAY THAT IS CAPABLE OF HANDLING THE DESIGN FLOW.
3. THE LOWER DAM HAS A SEEPAGE ISSUE AND EVEN WITH THE SIDE CHANNEL SPILLWAY, IS AT RISK OF FAILURE DUE TO OVERTOPPING. SO WE PROPOSE TO CONSTRUCT A NEW LABYRINTH SPILLWAY WITH A SEEPAGE DRAIN SYSTEM.



**THE PROJECT IS A RENOVATION OF AN EXISTING DAM. CONSTRUCTION ACTIVITIES WILL BE LOCATED WITHIN STATE WATERS (DRAINED DURING CONSTR.) AND/OR WITHIN WETLAND AREAS. THE FOLLOWING TEMPORARY AND PERMANENT MEASURES WILL BE UTILIZED, IN CONJUNCTION TO THE BMP'S DENOTED ON THE EROSION CONTROL PLANS TO PREVENT THE ESCAPE OF SEDIMENT FROM ENTERING THE STREAM BELOW THE DAM.**

**TEMPORARY POLLUTION CONTROL MEASURES DURING CONSTRUCTION:**

1. PERIMETER SEDIMENT CONTROL MEASURES WILL BE INSTALLED AND ROCK-FILTER DAMS WILL BE INSTALLED AT INTAKES.
2. RIPRAP BASIN (ENERGY DISSIPATORS) AT OUTLETS.
3. EROSION PREVENTED WITH TEMPORARY GRASSING AND/OR MULCHING.
4. CHECK DAMS OR ENERGY DISSIPATORS AT ALL DISCHARGE POINTS.

**PERMANENT POLLUTION CONTROL MEASURES AFTER CONSTRUCTION IS COMPLETE:**

1. THE SITE STABILIZED WITH VEGETATIVE MEASURES.
2. NEW STORMWATER CONTROL STRUCTURES.
3. SLOPES PROTECTED WITH PERMANENT BANK STABILIZATION MATTING.
4. PERMANENT ENERGY DISSIPATOR AND/OR RIPRAP PLUNGE POOLS.

**SEDIMENT AND EROSION CONTROL MEASURES AND PRACTICES TO BE INSPECTED DAILY. ALL DISTURBED AREAS TO BE GRASSED AS SOON AS CONSTRUCTION PHASES PERMIT.**

**WEEKLY EROSION AND SEDIMENT CONTROL REPORTS SHALL BE SUBMITTED TO THE DEVELOPMENT DEPARTMENT STARTING WITH THE ISSUANCE OF THE DEVELOPMENT PERMIT AND ENDING WHEN THE PROJECT IS RELEASED BY THE INSPECTOR.**

**CONSTRUCTION EXIT NOTE:**

A STABILIZED CONSTRUCTION EXIT WILL BE PROVIDED AT THE SITE ENTRANCE AND/OR AT THE EXIT POINT OF CONSTRUCTION ACTIVITIES. THE (PUBLIC) DRIVEWAY AND STREET WILL BE INSPECTED DAILY FOR TRACKING OF MUD, DIRT, AND ROCK DUMP TRUCKS Hauling MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.

NOTE: THE CONTRACTOR SHALL INSTALL A DOUBLE ROW OF SILT FENCE TYPE SENSITIVE NEAR WETLANDS AND STATE AND/OR COUNTY WATER BUFFERS.

NOTE: THE CRITICAL AREA OF THIS SITE IS THE TRIBUTARY OF SOUTH FORK PEACHTREE CREEK LOCATED DOWNSTREAM OF THE SITE. AN SAF STILLING BASIN WITH RIPRAP OUTLET PROTECTION AND A ROCK DAM WILL BE UTILIZED TO PREVENT SEDIMENT LEAVING THE WORK AREA AND ENTERING THE ENDANGERED STREAM SEGMENT.

NOTE: THE TRIBUTARY OF SOUTH FORK PEACHTREE CREEK IS LISTED AS AN IMPAIRED STREAM BASED ON THE LATEST 303(d) LIST ON GA EPD'S 2022 INTEGRATED LIST.

NOTE: BMP FOR CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS AND THE REAR OF THE VEHICLES IS PROVIDED. WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.

**EROSION CONTROL (BMP) LEGEND**

LIMITS OF DISTURBANCE	SOIL DELINEATION	STABILIZATION	PROTECTION	CONSTRUCTION	SLOPE STABILIZATION	TACKIFIERS AND BINDERS	FLOCCULANTS AND COAGULANTS	STORMWATER OUTLET PROTECTION	DIVERSION	FILTER RING	ROCK FILTER DAM	CHECKDAM
Ds1	Ds2	Ss	Tr	Co	Ss	Ta	Fl-Co	St	Di	Fr	Rd	Co

**SOILS LEGEND**

Alt	Alt
Alt	ALTAMITA FINE SANDY LOAM, 2-6 PERCENT SLOPES
Ca	CARTECAY SILT LOAM, FREQUENTLY FLOODED
CeB	CECIL SANDY LOAM 2-6 PERCENT SLOPES
CfC2	CECIL-URBAN LAND COMPLEX, 2-10 PERCENT SLOPES
PD	PAICOET-URBAN LAND COMPLEX, 10-25 PERCENT SLOPES
Tf	TACCOGA SANDY LOAM, 0-2 PERCENT SLOPES, FREQUENTLY FLOODED
W	WATER

**STATE WATERS EXISTS WITHIN 200 FEET OF THE SITE. THE RECEIVING WATERS FROM THIS SITE IS A TRIBUTARY OF SOUTH FORK PEACHTREE CREEK.**

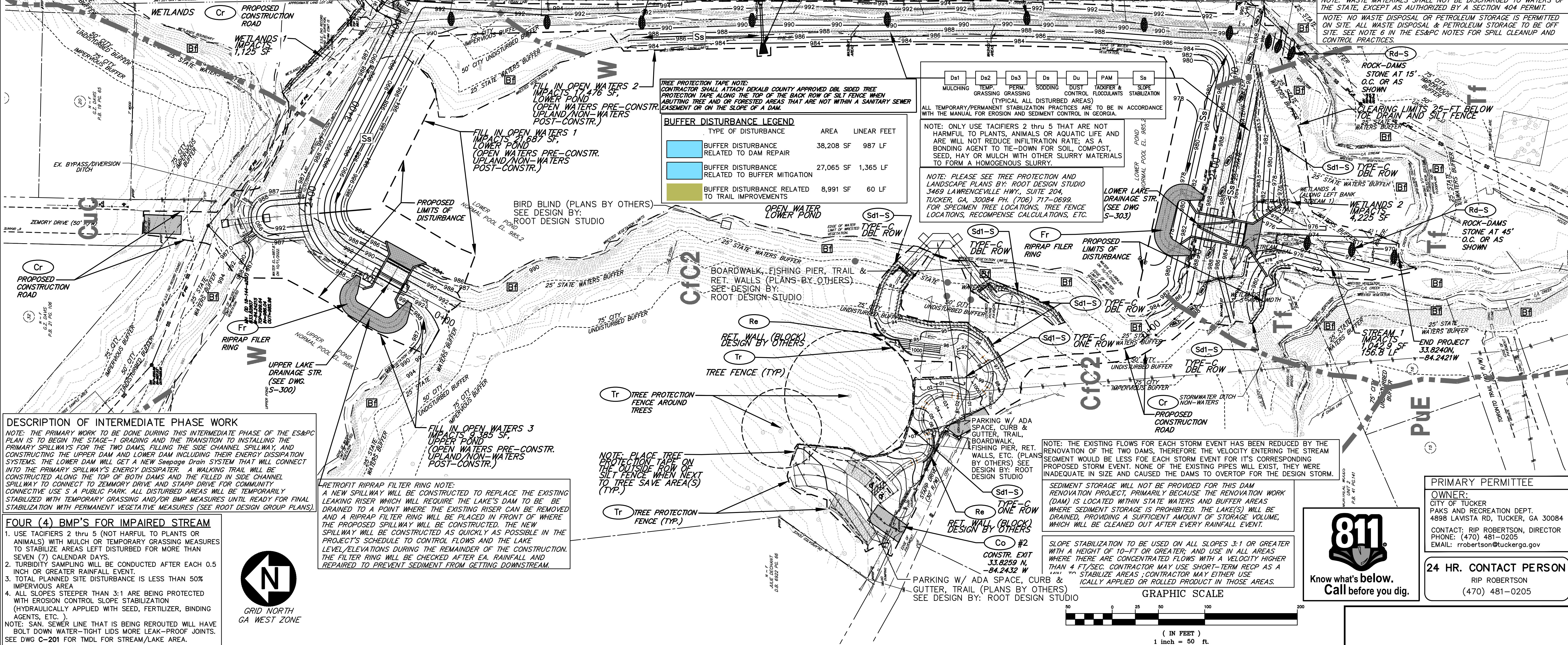
**THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND-DISTURBING ACTIVITIES. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE, OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR.**

**ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.**

NOTE: ALL NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50' UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FT OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE, WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

NOTE: WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

NOTE: NO WASTE DISPOSAL OR PETROLEUM STORAGE IS PERMITTED ON SITE. ALL WASTE DISPOSAL & PETROLEUM STORAGE TO BE OFF SITE. SEE NOTE 6 IN THE ES&PC NOTES FOR SPILL CLEANUP AND CONTROL PRACTICES.



**DESCRIPTION OF INTERMEDIATE PHASE WORK**

NOTE: THE PRIMARY WORK TO BE DONE DURING THIS INTERMEDIATE PHASE OF THE ES&PC PLAN IS TO BEGIN THE STAGE-1 GRADING AND THE TRANSITION TO INSTALLING THE PRIMARY SPILLWAYS FOR THE TWO DAMS, FILLING THE SIDE CHANNEL SPILLWAY, AND CONSTRUCTING THE UPPER DAM AND LOWER DAM INCLUDING THEIR ENERGY DISSIPATION SYSTEMS. THE LOWER DAM WILL GET A NEW Seepage Drain SYSTEM THAT WILL CONNECT INTO THE PRIMARY SPILLWAY'S ENERGY DISSIPATOR. A WALKING TRAIL WILL BE CONSTRUCTED ALONG THE TOP OF BOTH DAMS AND THE FILLED IN SIDE CHANNEL SPILLWAY TO CONNECT TO ZEMORY DRIVE AND STAFF DRIVE FOR COMMUNITY CONNECTIVE USE AS A PUBLIC PARK. ALL DISTURBED AREAS WILL BE TEMPORARILY STABILIZED WITH TEMPORARY GRASSING AND/OR BMP MEASURES UNTIL READY FOR FINAL STABILIZATION WITH PERMANENT VEGETATIVE MEASURES (SEE ROOT DESIGN GROUP PLANS).

- FOUR (4) BMP'S FOR IMPAIRED STREAM**
1. USE TACKIFIERS 2 thru 5 (NOT HARMFUL TO PLANTS OR ANIMALS) WITH MULCH OR TEMPORARY GRASSING MEASURES TO STABILIZE AREAS LEFT DISTURBED FOR MORE THAN SEVEN (7) CALENDAR DAYS.
  2. TURBIDITY SAMPLING WILL BE CONDUCTED AFTER EACH 0.5 INCH OR GREATER RAINFALL EVENT.
  3. TOTAL PLANNED SITE DISTURBANCE IS LESS THAN 50% IMPERVIOUS AREA.
  4. ALL SLOPES STEEPER THAN 3:1 ARE BEING PROTECTED WITH EROSION CONTROL SLOPE STABILIZATION (HYDRAULICALLY APPLIED WITH SEED, FERTILIZER, BINDING AGENTS, ETC.).
- NOTE: SAN. SEWER LINE THAT IS BEING REROUTED WILL HAVE BOLT DOWN WATER-TIGHT UNDS MORE LEAK-PROOF JOINTS. SEE DWG C-201 FOR TMDL FOR STREAM/LAKE AREA.

**BUFFER DISTURBANCE LEGEND**

TYPE OF DISTURBANCE	AREA	LINEAR FEET
Buffer Disturbance Related to Dam Repair	38,208 SF	987 LF
Buffer Disturbance Related to Buffer Mitigation	27,065 SF	1,365 LF
Buffer Disturbance Related to Trail Improvements	8,991 SF	60 LF

**TREE PROTECTION TAPE NOTE:**  
CONTRACTOR SHALL ATTACH DEKALB COUNTY APPROVED DBL SIDED TREE PROTECTION TAPE ALONG THE TOP OF THE BACK ROW OF SILT FENCE WHEN ABUTTING TREE AND/OR FORESTED AREAS THAT ARE NOT WITHIN A SANITARY SEWER EASEMENT OR ON THE SLOPE OF A DAM.

NOTE: ONLY USE TACKIFIERS 2 thru 5 THAT ARE NOT HARMFUL TO PLANTS, ANIMALS OR AQUATIC LIFE AND ARE WILL NOT REDUCE INFILTRATION RATE; AS A BONDING AGENT TO TIE-DOWN FOR SOIL, COMPOST, SEED, HAY OR MULCH WITH OTHER SLURRY MATERIALS TO FORM A HOMOGENEOUS SLURRY.

NOTE: PLEASE SEE TREE PROTECTION AND LANDSCAPE PLANS BY: ROOT DESIGN STUDIO 3469 LAWRENCEVILLE HWY., SUITE 204, TUCKER, GA, 30084 PH. (706) 717-0699 FOR SPECIMEN TREE LOCATIONS, TREE FENCE LOCATIONS, RECOMPENSE CALCULATIONS, ETC.

**SEDIMENT STORAGE WILL NOT BE PROVIDED FOR THIS DAM RENOVATION PROJECT, PRIMARILY BECAUSE THE RENOVATION WORK (DAM) IS LOCATED WITHIN STATE WATERS AND BUFFER AREAS WHERE SEDIMENT STORAGE IS PROHIBITED. THE LAKES WILL BE DRAINED, PROVIDING A SUFFICIENT AMOUNT OF STORAGE VOLUME, WHICH WILL BE CLEANED OUT AFTER EVERY RAINFALL EVENT.**

SLOPE STABILIZATION TO BE USED ON ALL SLOPES 3:1 OR GREATER WITH A HEIGHT OF 10-FT OR GREATER; AND USE IN ALL AREAS WHERE THERE ARE CONCENTRATED FLOWS WITH A VELOCITY HIGHER THAN 4 FT/SEC. CONTRACTOR MAY USE SHORT-TERM RECIP AS A TEMPORARY STABILIZATION MEASURE; CONTRACTOR MAY EITHER USE ICALLY APPLIED OR ROLLED PRODUCT IN THOSE AREAS.

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OWNER:  
CITY OF TUCKER  
Parks and Recreation Dept.  
4998 LAVISTA RD, TUCKER, GA 30084  
CONTACT: RIP ROBERTSON, DIRECTOR  
PHONE: (470) 481-0205  
EMAIL: rrobertson@tuckerga.gov

**24 HR. CONTACT PERSON**  
RIP ROBERTSON  
(470) 481-0205

NOTE: PLEASE SEE THE COVER SHEET FOR THE VICINITY MAP AND THE FEMA FLOODPLAIN MAP FOR THE SITE AND SURROUNDING AREA. DUE TO THE SIZE OF THE SITE AND THE INFORMATION NEEDED TO BE SHOWN ON THE TWO MAPS, THERE IS NOT ENOUGH ROOM ON THIS SHEET FOR THOSE TWO MAPS AND ALL OF THE OTHER REQUIRED INFORMATION TO BE SHOWN TOGETHER.

**STATE WATERS BUFFER STATEMENT**

NOTE: THIS PROJECT IS BEING CARRIED OUT UNDER THE SUPERVISION OF THE CITY OF TUCKER AND DEKALB COUNTY PUBLIC WORKS. THERE ARE THREE PORTIONS OF WORK INVOLVED WITH THIS BUFFER VARIANCE REQUEST:

1. IS TO MOVE THE UPPER DAM SO THAT THE SEWER LINE NO LONGER IS WITHIN THE DAM, WHICH CREATES A HAZARD FOR THE UPSTREAM WETLANDS AND THE DOWNSTREAM OPEN WATERS.
2. THE SIDE CHANNEL SPILLWAY FOR THE UPPER DAM RUNS ALONG A SANITARY SEWER LINE AT APPROXIMATELY THE SAME ELEVATION AND IT IS EXEMPT FROM THE GEORGIA EROSION AND PRESENTMENTS NOT ONLY A CONTAMINATION HAZARD BUT A HYDRAULIC ONE AS WELL, SO WE PROPOSE TO CLOSE THE SPILLWAY WITH THE CONSTRUCTION OF A NEW SPILLWAY THAT IS CAPABLE OF HANDLING THE DESIGN FLOW.
3. THE LOWER DAM HAS A SEEPAGE ISSUE AND EVEN WITH THE SIDE CHANNEL SPILLWAY, IS AT RISK OF FAILURE DUE TO OVERTOPPING, SO WE PROPOSE TO CONSTRUCT A NEW LABYRINTH SPILLWAY WITH A SEEPAGE DRAIN SYSTEM.

CONSTRUCTION EXIT, STAGING AREA, LAYDOWN AREA, TEMPORARY PARKING AND CONSTRUCTION ACCESS DRIVE RESTORED TO NATURAL CONDITIONS AND VEGETATED WITH PERMANENT GRASSING.

THE PROJECT IS A RENOVATION OF AN EXISTING DAM. CONSTRUCTION ACTIVITIES WILL BE LOCATED WITHIN STATE WATERS (DRAINED DURING CONSTR.) AND/OR WITHIN WETLAND AREAS. THE FOLLOWING TEMPORARY AND PERMANENT MEASURES WILL BE UTILIZED, IN CONJUNCTION TO THE BMP'S DENOTED ON THE EROSION CONTROL PLANS TO PREVENT THE ESCAPE OF SEDIMENT FROM ENTERING THE STREAM BELOW THE DAM.

- TEMPORARY POLLUTION CONTROL MEASURES DURING CONSTRUCTION:**
1. PERIMETER SEDIMENT CONTROL MEASURES WILL BE INSTALLED AND ROCK-FILTER DAMS WILL BE INSTALLED AT INTAKES.
  2. RIPRAP BASIN (ENERGY DISSIPATORS) AT OUTLETS.
  3. EROSION PREVENTED WITH TEMPORARY GRASSING AND/OR MULCHING.
  4. CHECK DAMS OR ENERGY DISSIPATORS AT ALL DISCHARGE POINTS.

**PERMANENT POLLUTION CONTROL MEASURES AFTER CONSTRUCTION IS COMPLETE:**

1. THE SITE STABILIZED WITH VEGETATIVE MEASURES.
2. NEW STORMWATER CONTROL STRUCTURES.
3. SLOPES PROTECTED WITH PERMANENT BANK STABILIZATION MATTING.
4. PERMANENT ENERGY DISSIPATOR AND/OR RIPRAP PLUNGE POOLS.

SEDIMENT AND EROSION CONTROL MEASURES AND PRACTICES TO BE INSPECTED DAILY. ALL DISTURBED AREAS TO BE GRASSED AS SOON AS CONSTRUCTION PHASES PERMIT.

WEEKLY EROSION AND SEDIMENT CONTROL REPORTS SHALL BE SUBMITTED TO THE DEVELOPMENT DEPARTMENT STARTING WITH THE ISSUANCE OF THE DEVELOPMENT PERMIT AND ENDING WHEN THE PROJECT IS RELEASED BY THE INSPECTOR.

**CONSTRUCTION EXIT NOTE:**

A STABILIZED CONSTRUCTION EXIT WILL BE PROVIDED AT THE SITE ENTRANCE AND/OR AT THE EXIT POINT OF CONSTRUCTION ACTIVITIES. THE (PUBLIC) DRIVEWAY AND STREET WILL BE INSPECTED DAILY FOR TRACKING OF MUD, DIRT, AND ROCK. DUMP TRUCKS Hauling MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.

NOTE: THE CONTRACTOR SHALL INSTALL A DOUBLE ROW OF SILT FENCE TYPE SENSITIVE NEAR WETLANDS AND STATE AND/OR COUNTY WATER BUFFERS.

NOTE: THE CRITICAL AREA OF THIS SITE IS THE TRIBUTARY OF SOUTH FORK PEACHTREE CREEK LOCATED DOWNSTREAM OF THE SITE. AN SAF STILLING BASIN WITH RIPRAP OUTLET PROTECTION AND A ROCK DAM WILL BE UTILIZED TO PREVENT SEDIMENT LEAVING THE WORK AREA AND ENTERING THE ENDANGERED STREAM SEGMENT.

NOTE: THE TRIBUTARY OF SOUTH FORK PEACHTREE CREEK IS LISTED AS AN IMPAIRED STREAM BASED ON THE LATEST 303(d) LIST ON GA EPD'S 2022 INTEGRATED LIST.

NOTE: BMP FOR CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS AND THE REAR OF THE VEHICLES IS PROVIDED. WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.

AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

**EROSION CONTROL (BMP) LEGEND**

SOIL DELINEATION	DESCRIPTION
Ds1	Disturbed Area Stabilization with Mulch (Temp. Seeding)
Ds2	Disturbed Area Stabilization with Temp. Seeding
Ds3	Disturbed Area Stabilization with Permanent Vegetation (Perennial Seeding)
Ds4	Disturbed Area Stabilization with Permanent Vegetation (Native Seeding)
Ss	Slope Stabilization
Ti	Tree Protection
Co	Construction Exit
Ss	Slope Stabilization
Ta	Tackifiers and Binders
Fl-Co	Flocculants and Coagulants
St	Storm Drain Outlet Protection
Di	Diversion
Ft	Filter Ring
Rd	Rock Filter Dam
Ch	Checkdam

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**SOILS LEGEND**

AKB	ALTAVISTA FINE SANDY LOAM, 2-6 PERCENT SLOPES
Ca	CARTECAY SILT LOAM, FREQUENTLY FLOODED
CeB	CECIL SANDY LOAM 2-6 PERCENT SLOPES
GC2	CECIL-URBAN LAND COMPLEX, 2-10 PERCENT SLOPES
PD	PACOLET-URBAN LAND COMPLEX, 10-25 PERCENT SLOPES
Tf	TACCOGA SANDY LOAM, 0-2 PERCENT SLOPES, FREQUENTLY FLOODED
W	WATER

STATE WATERS EXISTS WITHIN 200 FEET OF THE SITE. THE RECEIVING WATERS FROM THIS SITE IS A TRIBUTARY OF SOUTH FORK PEACHTREE CREEK.

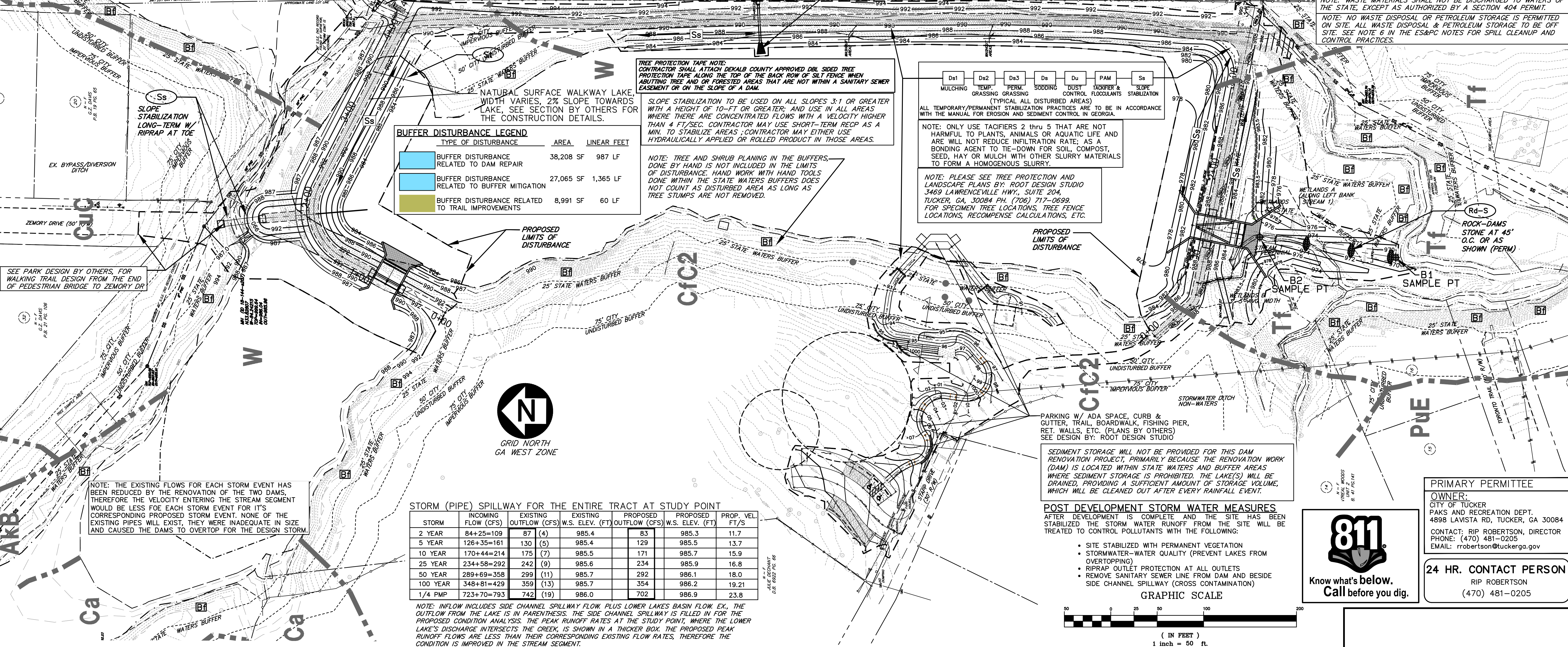
THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND-DISTURBING ACTIVITIES. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE, OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

NOTE: ALL NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50' UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FT OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE, WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

NOTE: WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

NOTE: NO WASTE DISPOSAL OR PETROLEUM STORAGE IS PERMITTED ON SITE. ALL WASTE DISPOSAL & PETROLEUM STORAGE TO BE OFF SITE. SEE NOTE 6 IN THE ES&PC NOTES FOR SPILL CLEANUP AND CONTROL PRACTICES.



**BUFFER DISTURBANCE LEGEND**

TYPE OF DISTURBANCE	AREA	LINEAR FEET
Buffer disturbance related to dam repair	38,208 SF	987 LF
Buffer disturbance related to buffer mitigation	27,065 SF	1,365 LF
Buffer disturbance related to trail improvements	8,991 SF	60 LF

**TREE PROTECTION TAPE NOTE:**  
CONTRACTOR SHALL ATTACH DEKALB COUNTY APPROVED DBL SIDED TREE PROTECTION TAPE ALONG THE TOP OF THE BACK ROW OF SILT FENCE WHEN ABUTTING TREE AND/OR FORESTED AREAS THAT ARE NOT WITHIN A SANITARY SEWER EASEMENT OR ON THE SLOPE OF A DAM.

SLOPE STABILIZATION TO BE USED ON ALL SLOPES 3:1 OR GREATER WITH A HEIGHT OF 10-FT OR GREATER, AND USE IN ALL AREAS WHERE THERE ARE CONCENTRATED FLOWS WITH A VELOCITY HIGHER THAN 4 FT/SEC. CONTRACTOR MAY USE SHORT-TERM RECP AS A MIN. TO STABILIZE AREAS; CONTRACTOR MAY EITHER USE HYDRAULICALLY APPLIED OR ROLLED PRODUCT IN THOSE AREAS.

NOTE: TREE AND SHRUB PLANING IN THE BUFFERS, DONE BY HAND IS NOT INCLUDED IN THE LIMITS OF DISTURBANCE. HAND WORK WITH HAND TOOLS DONE WITHIN THE STATE WATERS BUFFERS DOES NOT COUNT AS DISTURBED AREA AS LONG AS TREE STUMPS ARE NOT REMOVED.

Ds1	Ds2	Ds3	Ds4	Du	PAM	Ss
MULCHING TEMP.	PERM. GRASSING	PERM. SODDING	DUST CONTROL	TACKIFIERS	SLOPE STABILIZATION	SLOPE STABILIZATION

ALL TEMPORARY/PERMANENT STABILIZATION PRACTICES ARE TO BE IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.

NOTE: ONLY USE TACKIFIERS 2 thru 4 THAT ARE NOT HARMFUL TO PLANTS, ANIMALS OR AQUATIC LIFE AND ARE WILL NOT REDUCE INFILTRATION RATE; AS A BONDING AGENT TO TIE-DOWN FOR SOIL, COMPOST, SEED, HAY OR MULCH WITH OTHER SLURRY MATERIALS TO FORM A HOMOGENOUS SLURRY.

NOTE: PLEASE SEE TREE PROTECTION AND LANDSCAPE PLANS BY: ROOT DESIGN STUDIO 3469 LAWRENCEVILLE HWY., SUITE 204, TUCKER, GA, 30084 PH. (706) 717-0699 FOR SPECIMEN TREE LOCATIONS, TREE FENCE LOCATIONS, RECOMPENSE CALCULATIONS, ETC.

**STORM (PIPE) SPILLWAY FOR THE ENTIRE TRACT AT STUDY POINT**

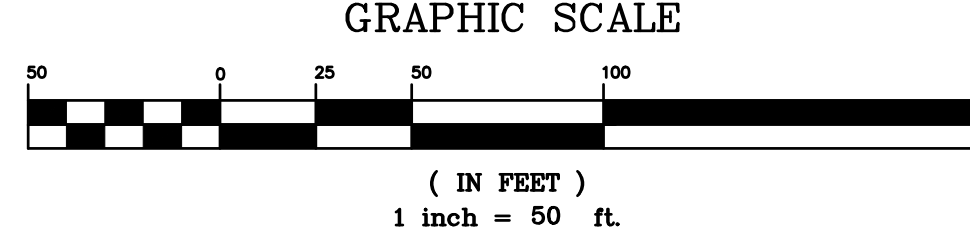
STORM	INCOMING FLOW (CFS)	EXISTING OUTFLOW (CFS)	EXISTING W.S. ELEV. (FT)	PROPOSED OUTFLOW (CFS)	PROPOSED W.S. ELEV. (FT)	PROP. VEL FT/S
2 YEAR	84+25=109	87 (4)	985.4	83	985.3	11.7
5 YEAR	126+35=161	130 (5)	985.4	129	985.5	13.7
10 YEAR	170+44=214	175 (7)	985.5	171	985.7	15.9
25 YEAR	234+58=292	242 (9)	985.6	234	985.9	16.8
50 YEAR	289+69=358	299 (11)	985.7	292	986.1	18.0
100 YEAR	348+81=429	359 (13)	985.7	354	986.2	19.21
1/4 PMP	723+70=793	742 (19)	986.0	702	986.9	23.8

NOTE: INFLOW INCLUDES SIDE CHANNEL SPILLWAY FLOW. PLUS LOWER LAKE'S BASIN FLOW. EX. THE OUTFLOW FROM THE LAKE IS IN PARENTHESIS. THE SIDE CHANNEL SPILLWAY IS FILLED IN FOR THE PROPOSED CONDITION ANALYSIS. THE PEAK RUNOFF RATES AT THE STUDY POINT, WHERE THE LOWER LAKE'S DISCHARGE INTERSECTS THE CREEK, IS SHOWN IN A THICKER BOX. THE PROPOSED PEAK RUNOFF FLOWS ARE LESS THAN THEIR CORRESPONDING EXISTING FLOW RATES, THEREFORE THE CONDITION IS IMPROVED IN THE STREAM SEGMENT.

SEDIMENT STORAGE WILL NOT BE PROVIDED FOR THIS DAM RENOVATION PROJECT, PRIMARILY BECAUSE THE RENOVATION WORK (DAM) IS LOCATED WITHIN STATE WATERS AND BUFFER AREAS WHERE SEDIMENT STORAGE IS PROHIBITED. THE LAKE(S) WILL BE DRAINED, PROVIDING A SUFFICIENT AMOUNT OF STORAGE VOLUME, WHICH WILL BE CLEANED OUT AFTER EVERY RAINFALL EVENT.

**POST DEVELOPMENT STORM WATER MEASURES**  
AFTER DEVELOPMENT IS COMPLETE AND THE SITE HAS BEEN STABILIZED THE STORM WATER RUNOFF FROM THE SITE WILL BE TREATED TO CONTROL POLLUTANTS WITH THE FOLLOWING:

- SITE STABILIZED WITH PERMANENT VEGETATION
- STORMWATER-WATER QUALITY (PREVENT LAKES FROM OVERTOPPING)
- RIPRAP OUTLET PROTECTION AT ALL OUTLETS
- REMOVE SANITARY SEWER LINE FROM DAM AND BESIDE SIDE CHANNEL SPILLWAY (CROSS CONTAMINATION)



NO.	REVISIONS	MADE	CKD.	DATE	DRAWING NO.	REFERENCE DRAWINGS

SCALE: 1"=50'

DESIGN BY: JR/JH 01/23

DRAWN BY: JH/EC 01/23

CHECKED BY: JR 01/23

CD# PEF 000707 EXP. 06/30/2024

JASON RAPPLEAN, PE, ENR  
LEVEL 2 CERTIFICATION # 3031  
EXPIRATION DATE: 12/07/26

06/19/2024

**JOHNS HOMESTEAD PARK**  
**EROSION CONTROL**  
**FINAL PLAN**

**CITY OF TUCKER AND DEKALB COUNTY**

**WALDEN, ASHWORTH & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
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Table with 7 columns: SPECIES, 1000/FT2, ACRES, MTS.-L-STONE, PIEDMONT, COASTAL, REMARKS. Lists various plant species like Bahia, Bermuda, Centipe, Fescue with their respective quantities and application notes.

M-L REPRESENTS THE MOUNTAIN; BLUE RIDGE; AND RIDGES AND VALLEYS MLRAS
P REPRESENTS THE SOUTHERN PIEDMONT MLRA
C REPRESENTS SOUTHERN COASTAL PLAIN; SAND HILLS; BLACK LANDS; AND ATLANTIC COAST FLATWOODS MLRAS

DEFINITION: THE PLANTING OF PERENNIAL VEGETATION SUCH AS TREES, SHRUBS, VINES, GRASSES, OR LEGUMES ON EXPOSED AREAS FOR FINAL PERMANENT STABILIZATION.
CONDITIONS: PERMANENT PERENNIAL VEGETATION IS USED TO PROVIDE A PROTECTIVE COVER FOR EXPOSED AREAS INCLUDING CUTS, FILLS, DAMS, AND OTHER DENUDED AREAS.
GRADING AND SHAPING: GRADING AND SHAPING MAY NOT BE REQUIRED WHERE HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS TO BE USED.
SEEDBED PREPARATION: SEEDBED PREPARATION MAY NOT BE REQUIRED WHERE HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS TO BE USED.

MULCHING

MULCH IS REQUIRED FOR ALL PERMANENT VEGETATION APPLICATIONS. MULCH APPLIED TO SEEDED AREAS SHALL ACHIEVE 75% SOIL COVER.
ANCHORING MULCH: ANCHOR STRAW OR HAY MULCH IMMEDIATELY AFTER APPLICATION BY ONE OF THE FOLLOWING METHODS:
1. DRY STRAW OR DRY HAY OF GOOD QUALITY AND FREE OF WEED SEEDS CAN BE USED. DRY STRAW SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE.

NOTE: CONTRACTOR SHALL COMPLY WITH CONSTRUCTION SPECIFICATION 26 TOP SOILING.
D3 DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)

FI-Co FLOCCULANTS COAGULANTS

DEFINITION: CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADS, AND DEMOLITION SITES.
CONDITIONS: THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO SURFACE AND AIR MOVEMENT OF DUST WHERE ON AND OFF-SITE DAMAGE MAY OCCUR WITHOUT TREATMENT.
METHOD AND MATERIALS: A. TEMPORARY METHODS: MULCHES. SEE STANDARD Ds1-DISTURBED AREA STABILIZATION (WITH MULCHING ONLY).

DEFINITION: THE ESTABLISHMENT OF TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS FOR SEASONAL PROTECTION ON DISTURBED OR DENUDED AREAS.
CONDITIONS: TEMPORARY GRASSING INSTEAD OF MULCH, CAN BE APPLIED TO ROUGH GRADED AREAS THAT WILL BE EXPOSED FOR LESS THAN SIX MONTHS.
SEEDING: SELECT A GRASS OR GRASS-LEGUME MIXTURE SUITABLE TO THE AREA AND SEASON OF THE YEAR. SEED SHALL BE APPLIED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTRIPACKER-SEEDER, OR HYDRAULIC SEEDER.

Table with 7 columns: SPECIES, 1000 FT2, ACRES, MTS.-L-STONE, PIEDMONT, COASTAL, REMARKS. Lists species like Barley, Millet, Oats, Rye, Ryegrass, Sudangrass, Triticale, Wheat with their quantities and application notes.

GRASSING TABLE

DEFINITION: THE ESTABLISHMENT OF TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS FOR SEASONAL PROTECTION ON DISTURBED OR DENUDED AREAS.
CONDITIONS: TEMPORARY GRASSING INSTEAD OF MULCH, CAN BE APPLIED TO ROUGH GRADED AREAS THAT WILL BE EXPOSED FOR LESS THAN SIX MONTHS.
SEEDING: SELECT A GRASS OR GRASS-LEGUME MIXTURE SUITABLE TO THE AREA AND SEASON OF THE YEAR. SEED SHALL BE APPLIED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTRIPACKER-SEEDER, OR HYDRAULIC SEEDER.

GRASSING NOTES

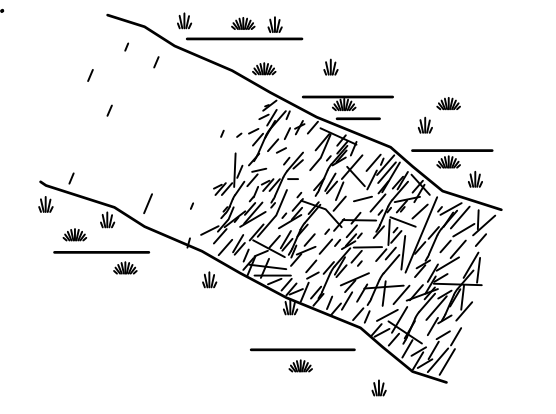
Ds2 DISTURBED AREA STABILIZATION (WITH TEMPORARY VEGETATION)

Tac TACKIFIERS

Tackifiers are used as a tie-down for soil, compost, seed, straw, hay or mulch. Tackifiers hydrate in water and readily blend with other slurry materials to form a homogenous slurry.
This practice is intended for direct soil surface application to sites where the timely establishment of vegetation may not be feasible or where vegetation cover is absent or inadequate.

Du DUST CONTROL ON DISTURBED AREAS

DEFINITION: ESTABLISHING A TEMPORARY PROTECTION FOR DISTURBED AREAS USING SPECIFIC MULCH MATERIALS.
CONDITIONS: MULCH MATERIALS SHALL CONSIST OF DRY STRAW OR HAY AT 2.5 TONS PER ACRE. WOOD CHIPS AT 6 TO 9 TONS PER ACRE.
1. MULCH MATERIALS SHALL CONSIST OF DRY STRAW OR HAY AT 2.5 TONS PER ACRE. WOOD CHIPS AT 6 TO 9 TONS PER ACRE. EROSION CONTROL MATTING OR NETTING, OR POLYETHYLENE FILM.



PRIMARY PERMITTEE
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PAKS AND RECREATION DEPT.
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CONTACT: RIP ROBERTSON, DIRECTOR
PHONE: (470) 481-0205
EMAIL: rrobertson@tuckerga.gov



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Table with 10 columns: NO., REVISIONS, MADE, OK'D, DATE, DRAWING NO., REFERENCE DRAWINGS. Includes a circular professional seal for John F. Rappelee, P.E., No. 30441, Registered Professional Engineer in Georgia.

Table with 4 columns: SCALE: AS SHOWN, DATE: 01/23, DESIGN BY: JR/JH, DRAWN BY: JH/EC, CHECKED BY: JR, COA: PEF 000707, EXP: 06/30/2024, JASON RAPPELEE, PE, ENR LEVEL 2 CERTIFICATION # 28931, EXPIRATION DATE: 12/07/26.

JOHNS HOMESTEAD PARK EROSION CONTROL GRASSING DETAIL
CITY OF TUCKER AND DEKALB COUNTY

WALDEN, ASHWORTH & ASSOCIATES, INC. CONSULTING ENGINEERS
P.O. BOX 6462
MARIETTA, GEORGIA 30065
(770) 956 - 7879
4201600 42016-C-205 0

## TYPICAL INSTALLATION GUIDELINES FOR ROLLED EROSION CONTROL PRODUCTS (RECP)

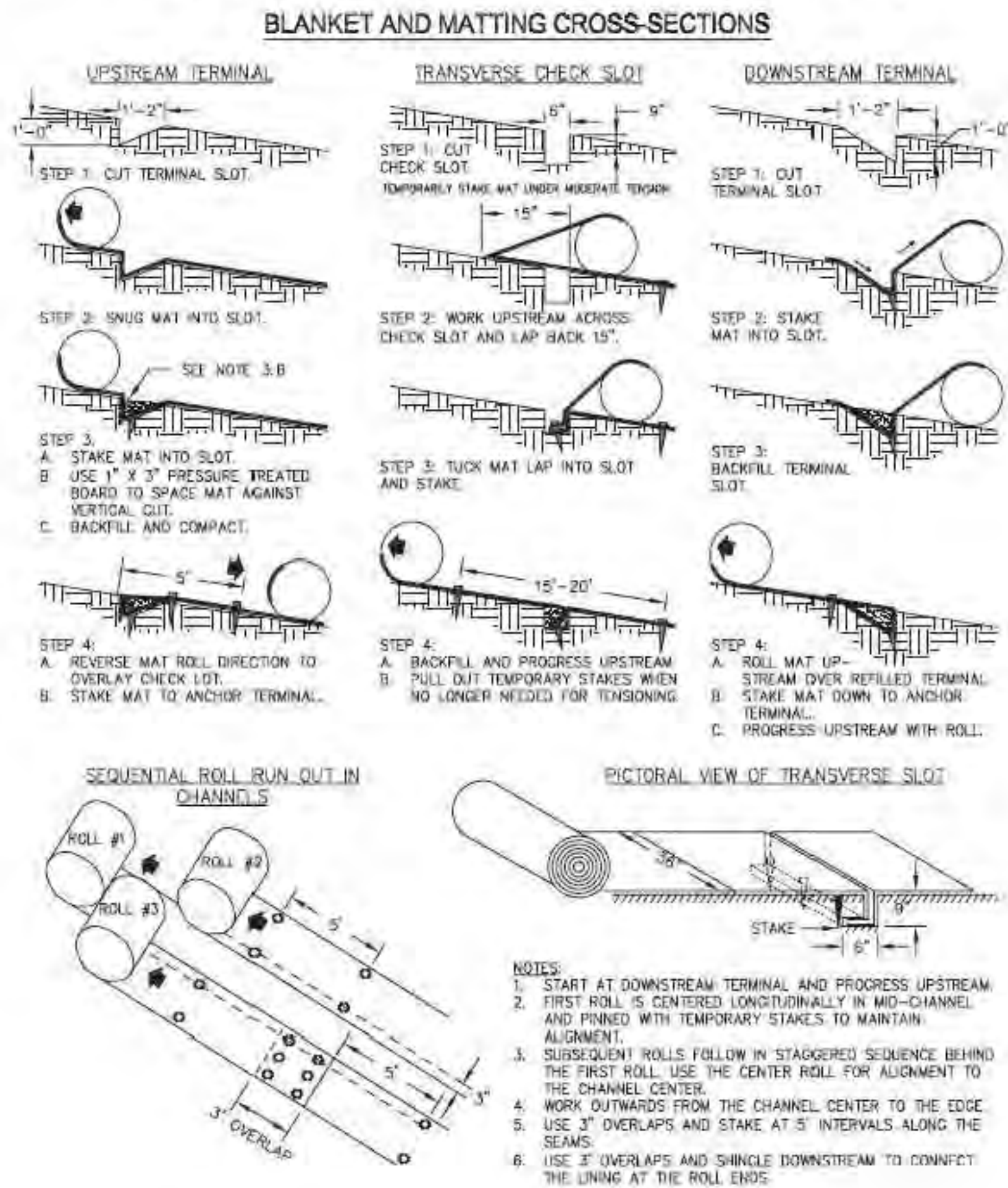


Figure 6-10.1 - Typical Installation Guidelines for Matting and Blankets

**SITE PREPARATION:** After the site has been shaped and graded to the approved design, prepare a friable seeded relatively free from clods and rocks more than one inch in diameter, and any foreign material that will prevent contact of the soil stabilization mat with the soil surface. Surface must be smooth to ensure proper contact of blankets or matting to the soil surface. If necessary, redirect any runoff from the ditch or slope during installation.

**MAINTENANCE:** All erosion control blankets and matting should be inspected periodically following installation, particularly after rainstorms to check for erosion and undermining. Any dislocation or failure should be repaired immediately. If washouts or breakage occurs, reinstall the material after repairing damage to the slope or ditch. Continue to monitor these areas until they become permanently stabilized.

**FOR THIS PROJECT:** This project shall utilize blankets for all slopes exceeding slopes of 3:1. For slopes along the roadway and behind the townhome units that exceed ten (10') vertical feet in height, extended term blankets shall be used to allow for vegetation to establish on the slopes and fully stabilize them.

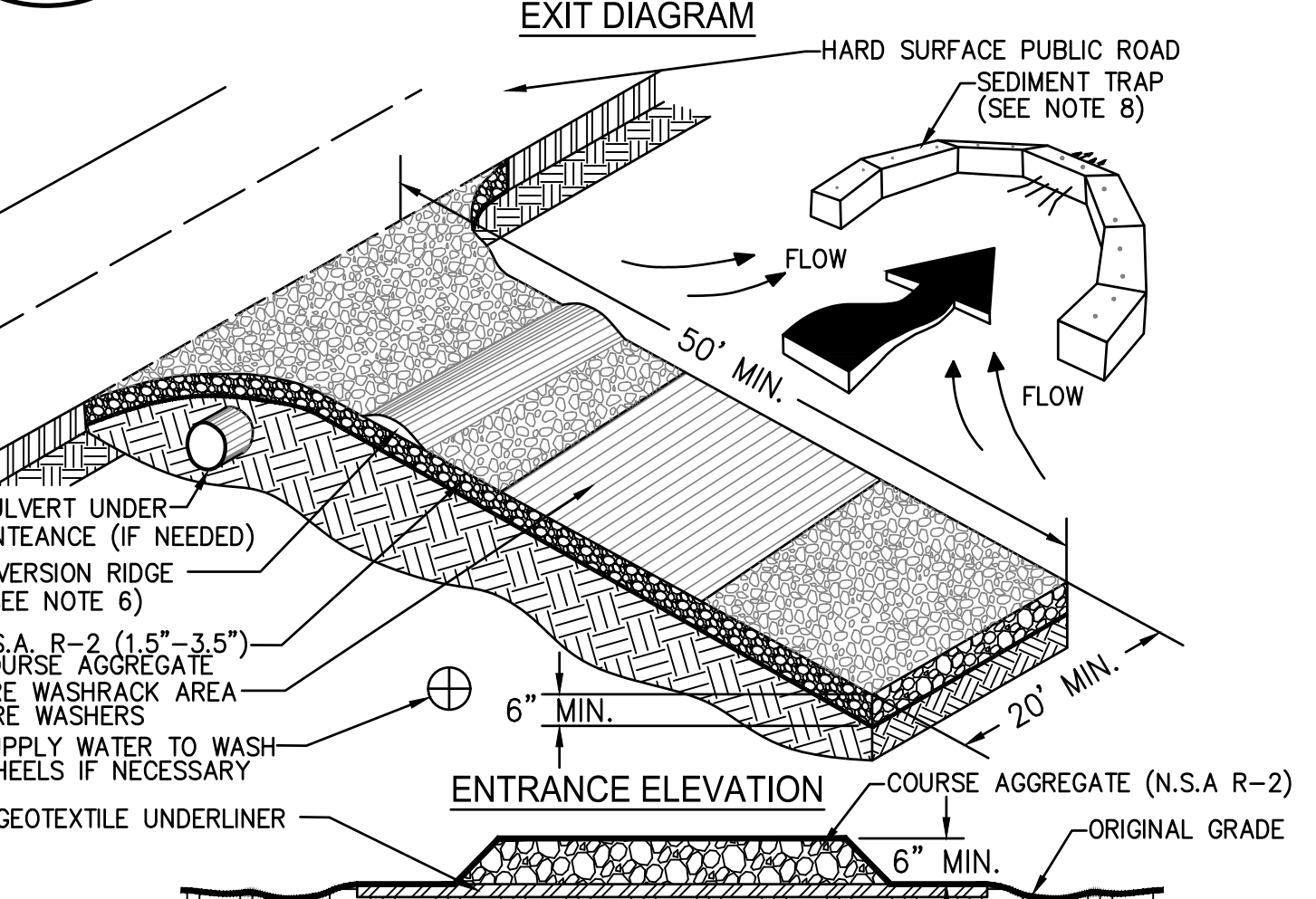
**Short-Term** (functional longevity 12 mo.)  
i. Photodegradable  
Straw blankets with a top and bottom side photo degradable net. The maximum size of the mesh should be openings of 1/2" X 1/2". The blanket should be sewn together on 1.5' centers with degradable thread. Minimum thickness should be 0.35' and minimum density should be 0.5 lbs per square yard.  
ii. Biodegradable  
Straw blanket with a top and bottom side biodegradable jute net. The top side net should consist of machine direction strands that are S70 twisted together and then interwoven with cross direction strands (leno weave). The bottom net may be leno weave or otherwise to meet requirements. The approximate size of the mesh should be openings of 0.5" X 1.0". The blanket should be sewn together on 1.5' centers with degradable thread. Minimum thickness should be 0.25' and minimum density should be 0.5 lbs per square yard.

**Extended-Term** (functional longevity 24 mo.)  
i. Photodegradable  
Blankets that consist of 70% straw and 30% coconut with a top and bottom side photodegradable net. The top side net should have ultraviolet additives to delay breakdown. The maximum size of the mesh should be openings of 0.65" X 0.65". The blanket should be sewn together on 1.5' centers with degradable thread. Minimum thickness should be 0.35' and minimum density should be 0.6 lbs per square yard.  
ii. Biodegradable  
Blankets that consist of 70% straw and 30% coconut with a top and bottom side biodegradable jute net. The top side net should consist of machine direction strands that are twisted together and then interwoven with cross direction strands (leno weave). The bottom net may be leno weave or otherwise to meet requirements. The approximate size of the mesh should be openings of 0.5" X 1.0". The blanket should be sewn together on 1.5' centers with degradable thread. Minimum thickness should be 0.25' and minimum density should be 0.5 lbs per square yard.

**Long-Term** (functional longevity 36 mo.)  
i. Photodegradable  
Blankets that consist of 100% coconut with a top and bottom side photodegradable net. Each net should have ultraviolet additives to delay breakdown. The maximum size of the mesh should be openings of 0.85" X 0.85". The blanket should be sewn together on 1.5' centers with degradable thread. Minimum thickness should be 0.3' and minimum density should be 0.5 lbs per square yard.  
ii. Biodegradable  
Blankets that consist of 100% coconut with a top and bottom side biodegradable jute net. The top side net should consist of machine direction strands that are twisted together and then interwoven with cross direction strands (leno weave). The bottom net may be leno weave or otherwise to meet requirements. The approximate size of the mesh should be openings of 0.85" X 0.85". The blanket should be sewn together on 1.5' centers with degradable thread. Minimum thickness should be 0.3' and minimum density should be 0.5 lbs per square yard.

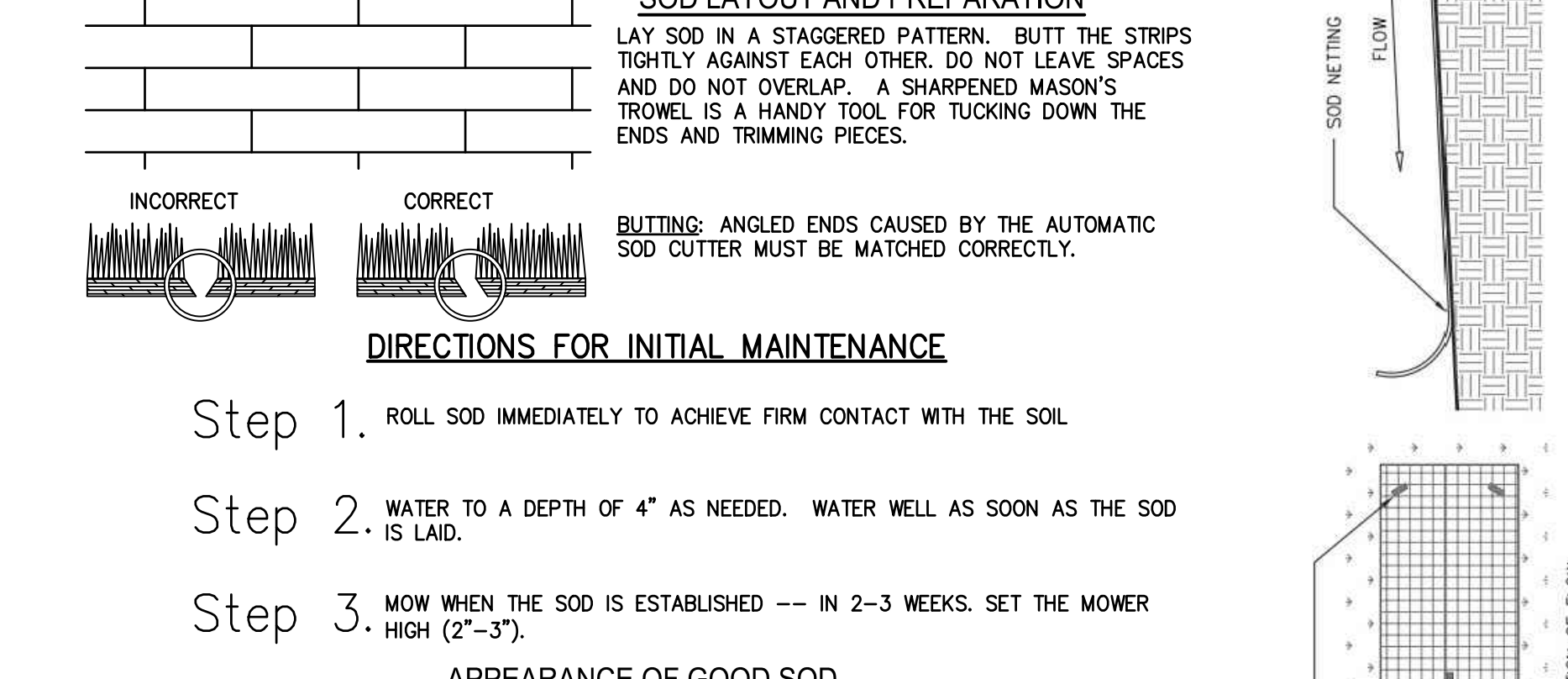
**NOTES**  
It is the intention of this section to allow interchangeable use of RECPs and HECs for erosion protection on slopes. The project engineer should select the type of erosion control product that best fits the need of the particular site.  
**Site Preparation:** After the site has been shaped and graded to the approved design, prepare a friable seeded relatively free from clods and rocks more than one inch in diameter, and any foreign material that will prevent contact of the soil stabilization mat with the soil surface. Surface must be smooth to ensure proper contact of blankets or matting to the soil surface. If necessary, redirect any runoff from the ditch or slope during installation.  
**MAINTENANCE** All erosion control blankets and matting should be inspected periodically following installation, particularly after rainstorms to check for erosion and undermining. Any dislocation or failure should be repaired immediately. If washouts or breakage occurs, reinstall the material after repairing damage to the slope or ditch. Continue to monitor these areas until they become permanently stabilized.

## Co CRUSHED STONE CONSTRUCTION EXIT



**NOTES:**  
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.  
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.  
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).  
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".  
5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.  
6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.  
7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.  
8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).  
9. WASHRAACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRAACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.  
10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

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## Ds4 DISTURBED AREA STABILIZATION (WITH SOD)

**Ds4 INSTALLATION:** Lay sod with tight joints and in straight lines. Don't overlap joints. Stagger joints and do not stretch sod (See Figure 6-6.2). On slopes steeper than 3:1, sod should be anchored with pins or other approved methods. Installed sod should be rolled or tamped to provide good contact between sod and soil. Irrigate sod and soil to a depth of 4" immediately after installation. Sod should not be cut or spread in extremely wet or dry weather. Irrigation should be used to supplement rainfall for a minimum of 2-3 weeks.

**MATERIALS:** Sod selected should be certified. Sod grown in the general area of the project is desirable.

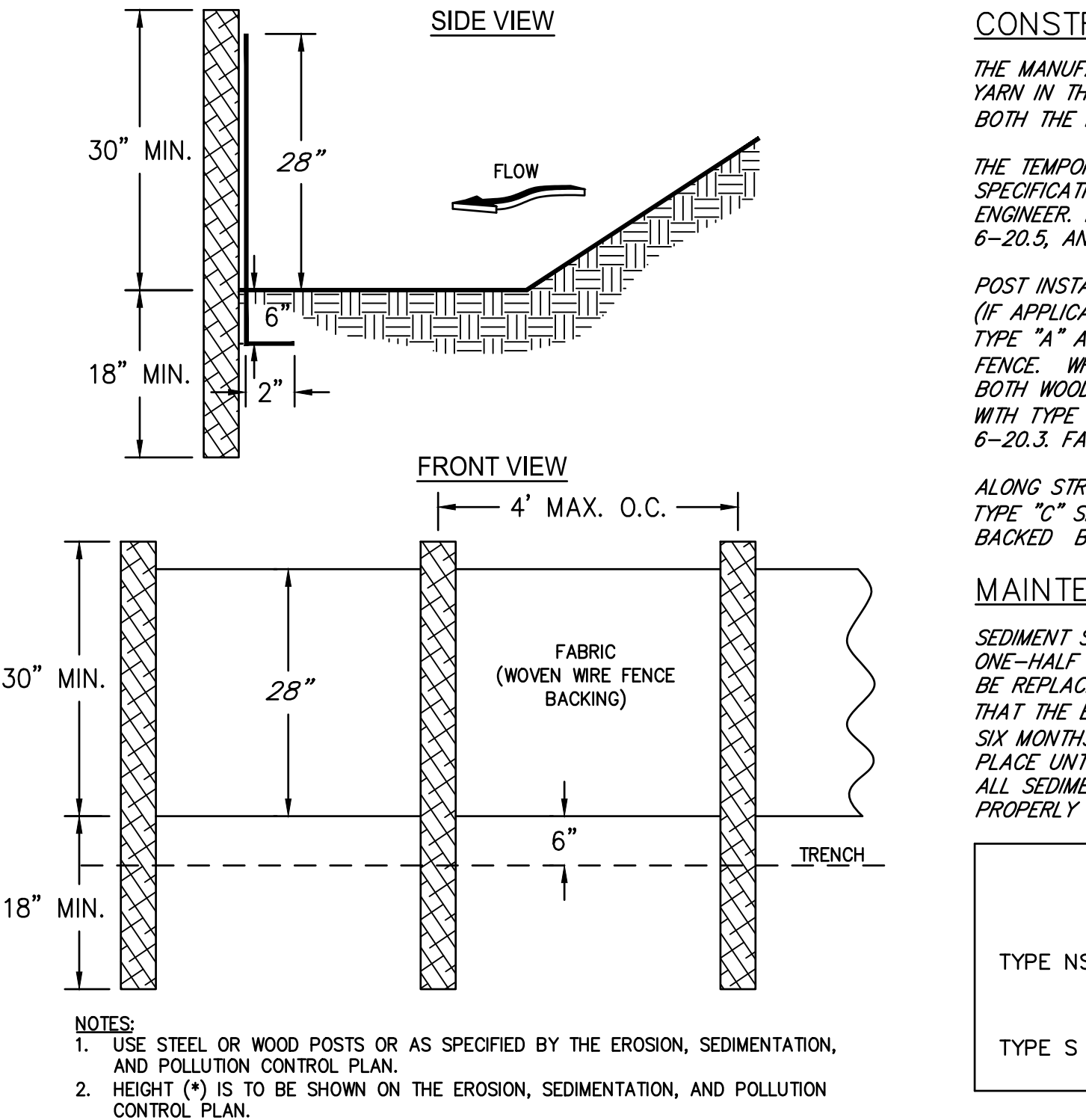
- Sod should be machine cut and contain 3/4" (+ or - 1/4") of soil, not including shoots or thatch.
- Sod should be cut to the desired size within +/- 5%. Torn or uneven pads should be rejected.
- Sod should be cut and installed within 36 hours of digging.
- Avoid planting when subject to frost heave or hot weather, if irrigation is not available.
- The sod type should be shown on the plans or installed according to Table 6-6.2. See Figure 6-4.1 for your Resource Area.

**MAINTENANCE:** Re-sod areas where an adequate stand of sod is not obtained. New sod should be mowed sparingly. Grass height should not be cut less than 2"-3" or as specified (See Figure 6-6.2). Apply one ton of agricultural lime as indicated by soil test or every 4-6 years. Fertilize grasses in accordance with soil tests or Table 6-6.3.

**CONSTRUCTION SPECIFICATIONS**  
THE MANUFACTURER SHALL HAVE EITHER AN APPROVED COLOR MARK YARN IN THE FABRIC OR LABEL THE FABRICATED SILT FENCE WITH BOTH THE MANUFACTURER AND FABRIC NAME EVERY 100'.  
THE TEMPORARY SILT FENCE SHALL BE INSTALLED ACCORDING TO THIS SPECIFICATION, AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. FOR INSTALLATION OF THE FABRIC, SEE FIGURES 6-20.4, 6-20.5, AND 6-20.6 RESPECTIVELY.  
POST INSTALLATION SHALL START AT THE CENTER OF THE LOW POINT (IF APPLICABLE) WITH REMAINING POSTS SPACED 6 FEET APART FOR TYPE "A" AND "B" SILT FENCES AND 4 FEET APART FOR TYPE "C" SILT FENCE. WHILE TYPE "A" AND "B" SILT FENCES CAN BE USED WITH BOTH WOOD AND STEEL POSTS, ONLY STEEL POSTS SHALL BE USED WITH TYPE "C" SILT FENCE. FOR POST SIZE REQUIREMENTS, SEE TABLE 6-20.3. FASTENERS FOR WOOD POSTS ARE LISTED IN TABLE 6-20.4.  
ALONG STREAM BUFFERS AND OTHER SENSITIVE AREAS, TWO ROWS OF TYPE "C" SILT FENCE OR ONE ROW OF TYPE "C" SILT FENCE BACKED BY HAYBALES SHALL BE USED.

**MAINTENANCE**  
SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER. FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF THE FABRIC IS REDUCED (APPROXIMATELY SIX MONTHS). TEMPORARY SEDIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. ALL SEDIMENT ACCUMULATED AT THE BARRIER SHALL BE REMOVED AND PROPERLY DISPOSED OF BEFORE THE BARRIER IS REMOVED.

## SILT FENCE - Sd1-S (TYPE C)



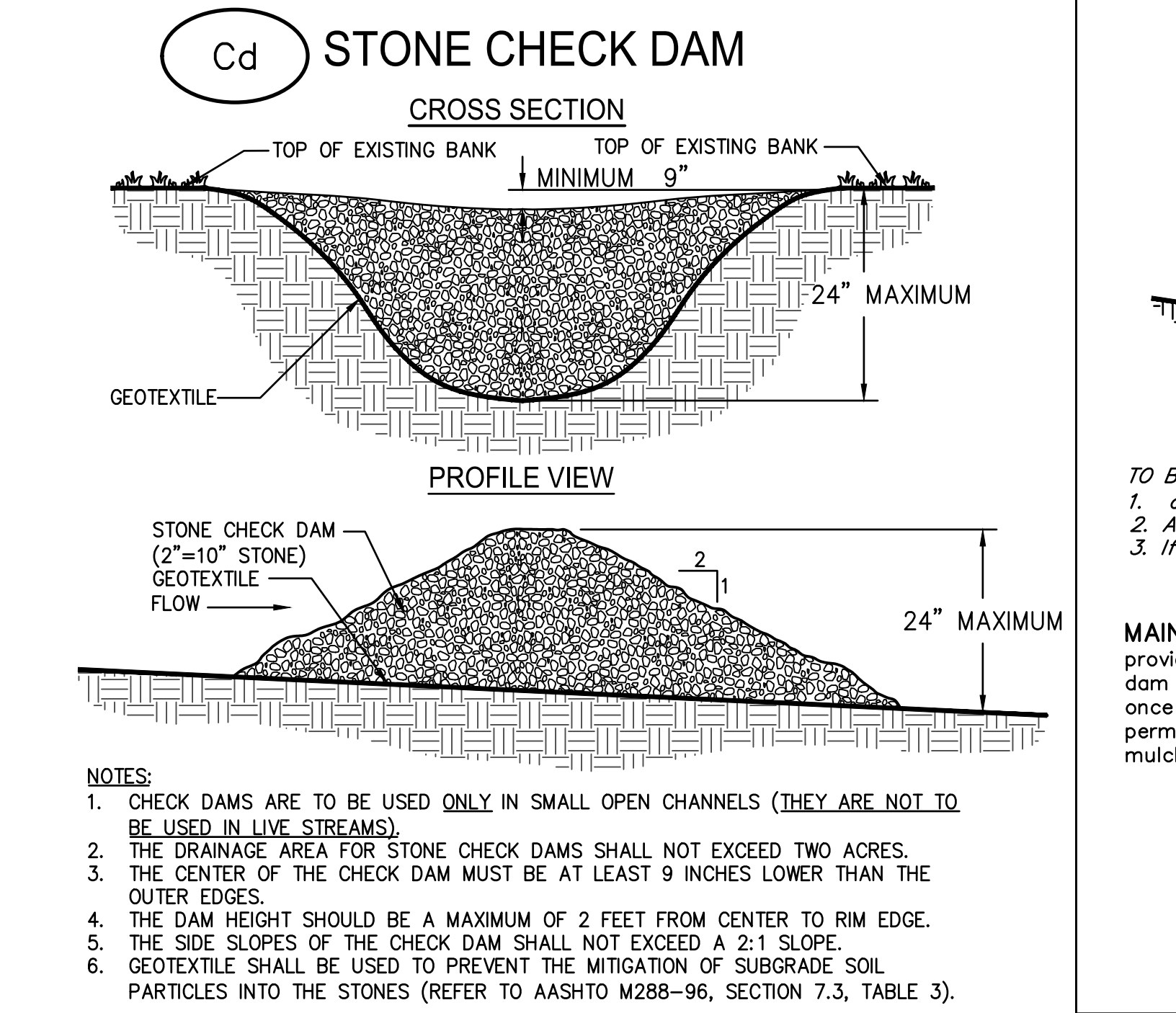
## Sd1-C SILT FENCE - Sd1-S (TYPE C)

SCALE: N.T.S.

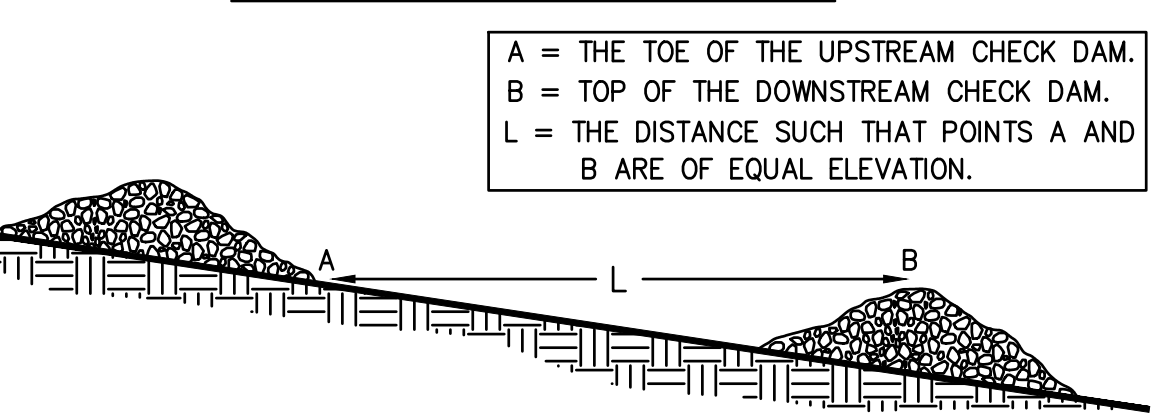
**POST SIZE**  
TABLE 6-13.3

MIN. LENGTH	TYPE OF POST	SIZE OF POST
4'	SOFT WOOD	3" DIA. OR 2x4
	OAK	1.5"x1.5"
	STEEL	1.3 LB/FT MIN.
4'	STEEL	1.3LB/FT MIN.

## Ss SLOPE STABILIZATION



## STONE CHECK DAM SPACING BETWEEN CHECK DAMS



**TO BE SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN**  
1. cfs in the channel/ditch that the check dam is being used in: REPAIRED, THEN 0 CFS.  
2. Above 2.0 cfs: (Yes) TEMP. SHORT TERM No  
3. If Yes, list BMP being used in conjunction with check dams: UPPER DAM SPILLWAY, ONCE REPAIRED, 0 CFS WILL GO DOWN SIDE CHANNEL, RUNOFF WILL GO TO LOWER LAKE.

**MAINTENANCE:** Periodic inspection and required maintenance must be provided. Sediment shall be removed when it reaches a depth of one-half the original dam height or before. If the area is to be mowed, check dams shall be removed once final stabilization has occurred. Otherwise check dams may remain in place permanently. After removal, the area beneath the dam shall be seeded and mulched immediately.

NO.	REVISIONS	MADE	OK'D.	DATE	DRAWING NO.	REFERENCE DRAWINGS

06/19/2024

SCALE: AS SHOWN DATE: 01/23

DESIGN BY: JR/JH 01/23

DRAWN BY: JH/EC 01/23

CHECKED BY: JR 01/23

CD# PEF 000707 EXP. 06/30/2024

JASON RAPPLEAN, PE, EDR  
LEVEL 2 CERTIFICATION # 3891  
EXPIRATION DATE: 12/07/26

**JOHNS HOMESTEAD PARK**  
**EROSION CONTROL**  
**EROSION CONTROL DETAILS 1**

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**CITY OF TUCKER AND DEKALB COUNTY**

**WALDEN, ASHWORTH & ASSOCIATES, INC.**

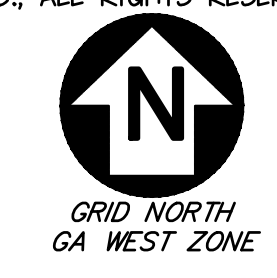
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MARIETTA, GEORGIA 30065  
(770) 956 - 7879

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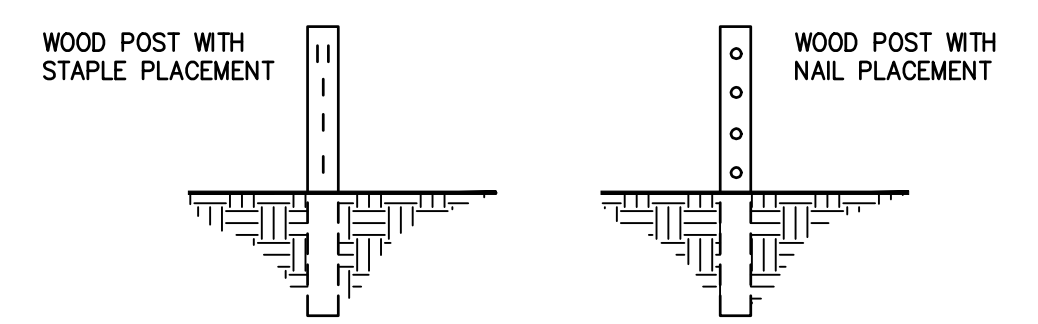
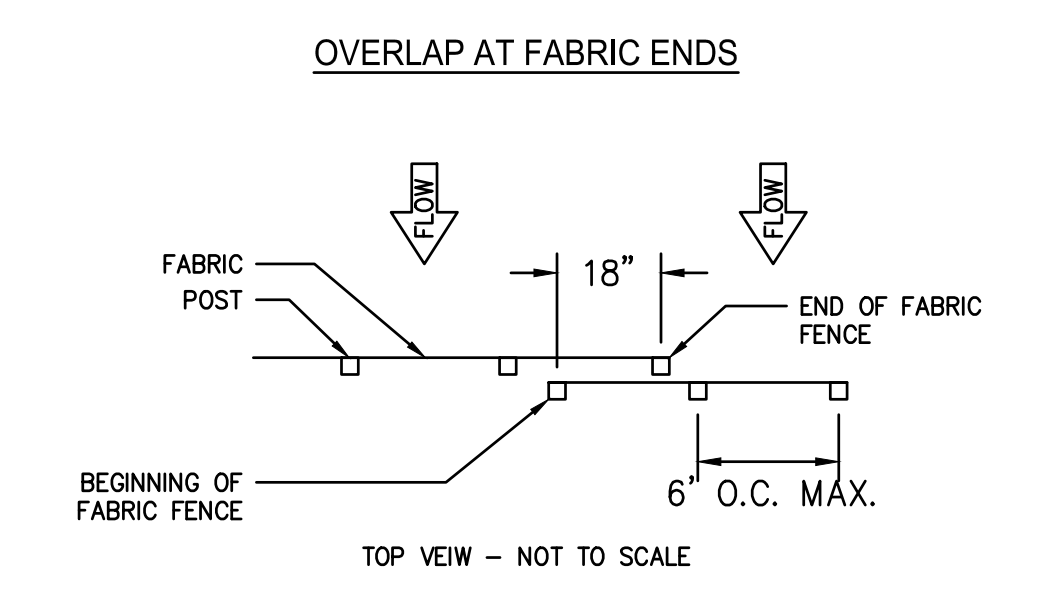
**24 HR. CONTACT PERSON**  
RIP ROBERTSON  
(470) 481-0205

**PRIMARY PERMITTEE**  
**OWNER:**  
CITY OF TUCKER  
PAKS AND RECREATION DEPT.  
4898 LAVISTA RD, TUCKER, GA 30084  
**CONTACT:** RIP ROBERTSON, DIRECTOR  
PHONE: (470) 481-0205  
EMAIL: rrobertson@tuckerga.gov

4201600 **42016-C-206** 0



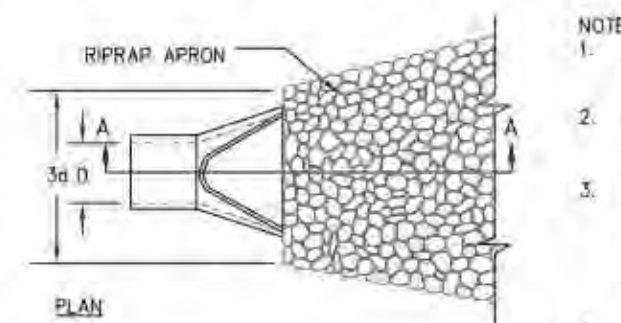
### FASTENERS FOR SILT FENCES



**NOTES:**  
 1. THE FABRIC AND WIRE SHOULD BE SECURELY FASTENED TO POSTS AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER AROUND THE INLET.

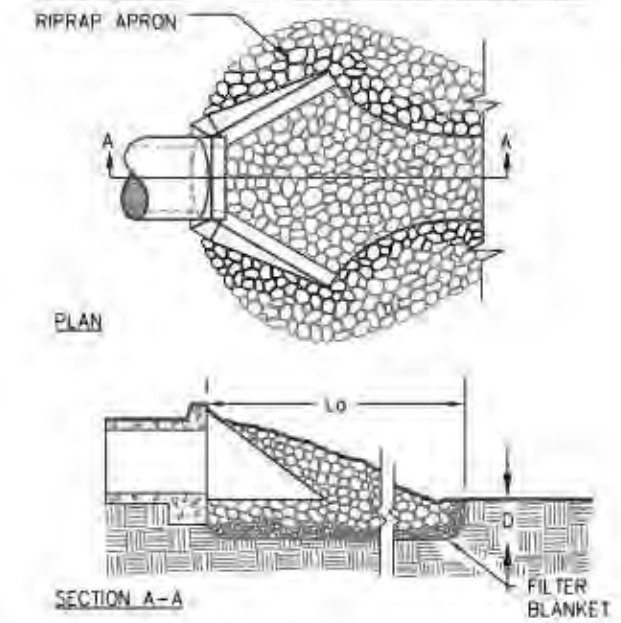
### St RIPRAP OUTLET PROTECTION

PIPE OUTLET TO FLAT AREA - NO WELL DEFINED CHANNEL



- NOTES:**
1.  $L_a$  IS THE LENGTH OF THE RIPRAP APRON.
  2.  $D = 1.5$  TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
  3. IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM FLOW DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
  4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.

PIPE OUTLET TO WELL DEFINED CHANNEL



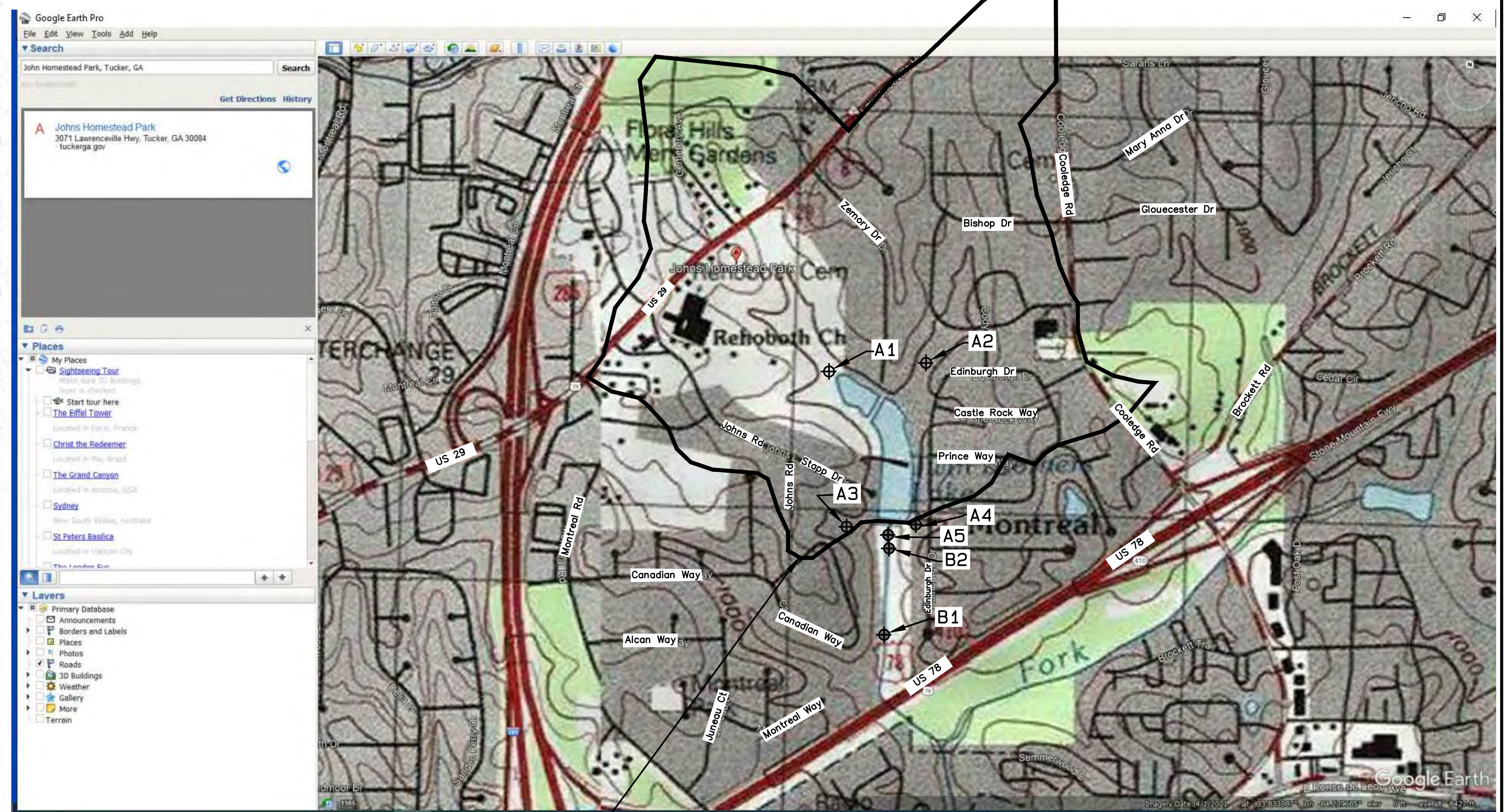
#### CONSTRUCTION SPECIFICATIONS

1. Ensure that the subgrade for the filter and riprap follows the required lines and grades shown in the plan. Compact any fill required in the subgrade to the density of the surrounding undisturbed material. Low areas in the subgrade on undisturbed soil may also be filled by increasing the riprap thickness.
  2. The riprap and gravel filter must conform to the specified grading limits shown on the plans.
  3. Geotextile must meet design requirements and be properly protected from puncturing or tearing during installation. Repair any damage by removing the riprap and placing another piece of filter fabric over the damaged area. All connecting joints should overlap a minimum of 1 ft. If the damage is extensive, replace the entire filter fabric.
  4. Riprap may be placed by equipment, but take care to avoid damaging the filter.
  5. The minimum thickness of the riprap should be 1.5 times the maximum stone diameter.
  6. Construct the apron on zero grade with no overfall at the end. Make the top of the riprap at the downstream end level with the receiving area or slightly below it.
  7. Ensure that the apron is properly aligned with the receiving stream and preferably straight throughout its length. If a curve is needed for site conditions, place it in the upper section of the apron.
  8. Immediately after construction, stabilize all disturbed areas with vegetation.
  9. Stone quality - Select stone for riprap from field stone or quarry stone. The stone should be hard, angular, and highly weather-resistant. The specific gravity of the individual stones should be at least 2.5.
  10. Filter - Install a filter to prevent soil movement through the openings in the riprap. The filter should consist of a graded gravel layer or a synthetic filter cloth. See Appendix C, p. C-1.
- MAINTENANCE**  
 Inspect riprap outlet structures after heavy rains to see if any erosion around or below the riprap has taken place or if stones have been dislodged. Immediately make all needed repairs to prevent further damage.

Figure 6-34.3 - Riprap Outlet Protection (Modified From VA SWCC)

#### St RIPRAP OUTLET CALCULATIONS CHART

PIPE NO.	W (FT)	$L_a$ (FT)	$3D_o$ (FT)	PIPE DIA (FT)	OUTLET VEL (FPS)	TW<0.5D <sub>o</sub> (YES or NO)	PIPE INV (FT)	d50 (FT)	D (FT)
1B	4.1	5.2	6	2.0	6.4	YES	984.0	0.75	2.0



SAMPLING LOCATION (USGS) MAP  
 SCALE: 1"=1,000'

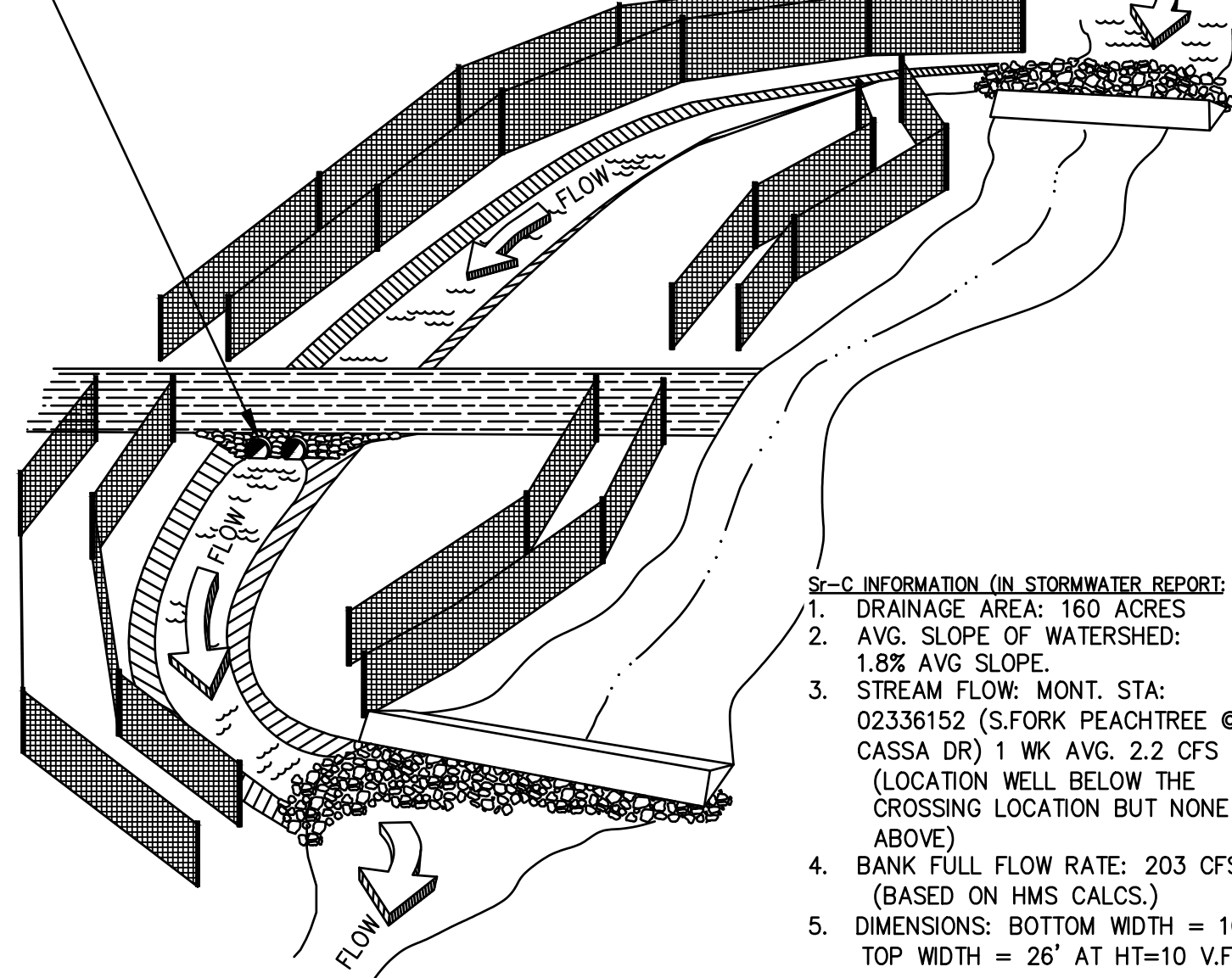
DRAINAGE BASIN: 0.9700 SQ. MI.  
 (DISTURBING 3.5 AC.)

**EXISTING:**  
 CATCH SAMPLE AND ADD A1 THRU A5 TOGETHER TO GET A COLLECTIVE FLOWING INTO SOUTH FORK PEACHTREE CREEK AND THEN CATCH A SAMPLE IN THE CREEK B1, WHICH WILL BE DOWNSTREAM WERE ALL THE WORK WILL TIE INTO THE STREAM SEGMENT (SEE C-200 NOTES PLAN) FOR SAMPLING LOCATION POINT).

**PROPOSED:**  
 CATCH SAMPLE POINTS WILL BE THE DISCHARGE FROM THE LOWER DAM'S LABYRINTH SPILLWAY'S RIPRAP PAD (POINT B2) AND THE SAME POINT B1 WHERE THE WORK CONNECTS TO THE STREAM SEGMENT SO THAT THE EXISTING CONDITIONS CAN BE COMPARED TO THE PROPOSED CONDITIONS.

### Sr-C STREAM DIVERSION CHANNEL TEMPORARY CULVERT CROSSING

FOUR (4) HDPE (24" SOLID WALL PIPES) TO BE PLACED IN EXIST. SIDE CHANNEL FOR TEMP. CONSTR. EQUIP. ACCESS



- Sr-C INFORMATION (IN STORMWATER REPORT):**
1. DRAINAGE AREA: 160 ACRES
  2. AVG. SLOPE OF WATERSHED: 1.8% AVG SLOPE.
  3. STREAM FLOW: MONT. STA: 02336152 (S.FORK PEACHTREE @ CASSA DR) 1 WK AVG. 2.2 CFS (LOCATION WELL BELOW THE CROSSING LOCATION BUT NONE ABOVE)
  4. BANK FULL FLOW RATE: 203 CFS (BASED ON HMS CALCS.)
  5. DIMENSIONS: BOTTOM WIDTH = 10' TOP WIDTH = 26' AT HT=10' V.F.

- NOTES:**
1. THE BOTTOM WIDTH OF THE STREAM DIVERSION SHALL BE A MINIMUM OF SIX FEET OR EQUAL TO THE BOTTOM WIDTH OF THE EXISTING STREAMBED (WHICHEVER IS GREATER).
  2. SIDE SLOPES OF THE STREAM DIVERSION CHANNEL SHALL BE NO STEEPER THAN 2:1.
  3. THE CHANNEL SHALL BE EXCAVATED, CONSTRUCTING PLUGS AT BOTH ENDS.
  4. TWO ROWS OF TYPE S SEDIMENT BARRIERS SHALL BE PLACED ALONG THE SIDES OF THE CHANNEL TO PREVENT UNFILTERED RUNOFF FROM ENTERING THE STREAM.
  5. THE CHANNEL SURFACE SHALL BE SMOOTH (TO PREVENT TEARING OF THE LINER) AND LINED WITH THE MATERIAL SPECIFIED IN THE PLANS.
  6. THE PLUGS ARE REMOVED WHEN THE LINER INSTALLATION IS COMPLETE (REMOVING THE DOWNSTREAM PLUG FIRST).
  7. CMP PIPES ARE NOT ALLOWED BY THE GA SAFE DAMS PROGRAM FOR TEMPORARY OR PERMANENT USE AS A DRAINAGE PIPE OR STRUCTURE ON A DAM.

### Cr TEMP. CONSTRUCTION ROAD STABILIZATION

**Grade and Alignment**  
 The gradient and vertical and horizontal alignment shall be adapted to the intensity of use, mode of travel, and level of development. Grades for temporary roads should not exceed 10 percent except for very short lengths (200 feet or less), but maximum grades of 20 percent or more may be used if necessary for special uses. Frequent grade changes generally cause fewer erosion problems than long continuous gradients. Curves and switchbacks must be of sufficient radius for trucks and other large vehicles to negotiate easily. On temporary roads, the radius should be no less than 35 feet for standard vehicles and 50 feet for tractor-trailers. Grades for temporary parking areas should be sufficient to provide drainage but should not exceed 4 percent.

**Width**  
 Temporary roadbeds shall be at least 14 feet wide for one-way traffic and 20 feet wide for two way traffic. The width for two-way traffic shall be increased approximately 4 feet for trailer traffic. A minimum shoulder width shall be 2 feet on each side. Where turnouts are used, road width shall be increased to a minimum of 20 feet for a distance of 30 feet.

**Side Slopes**  
 All cuts and fills shall have side slopes designed to be stable for the particular site conditions and soil materials involved. All cut and fills shall be 2:1 or flatter to the extent possible. When maintenance by machine mowing is planned, side slopes shall be no steeper than 3:1.

**Drainage Structures**  
 See plan for temporary drainage structures. A design will be denoted on the plan or in the plan notes. Drainage Structures will be designed for the 25-yr 24-hr storm event or greater. Water breaks or bars may be added to control surface runoff.

**Stabilization**  
 Geotextile should be applied to the roadbed for additional stability. Geotextile selection shall be based on AASHTO M288-06 specification:  
 1. For subgrades with a CBR greater than or equal to 3 or shear strength greater than 90 kPa, geotextile must meet requirements of section AASHTO M288-06 Section 7.3. Separation Requirements.  
 2. For subgrades with a CBR between 1 and 3 or shear strength between 30 and 90 kPa, geotextile must meet requirements of section AASHTO M288-06 Section 8. Geotextile Property Requirements.

A 6-inch course of coarse aggregate shall be applied immediately after grading or the completion of utility installation within the right-of-way. In areas experiencing heavy duty traffic situations, stone should be placed at an 8 to 10 inch depth to avoid excessive dissipation or maintenance needs.  
 All roadside ditches, cuts, fills and disturbed areas adjacent to parking areas and/or roads shall be stabilized with appropriate temporary and/or permanent vegetation according to D-2 specifications. Permanent Parking Areas shall be installed in accordance with the local authority's standards or GDOT's if the local authority does not have a standard for temporary parking.

NO.	REVISIONS	MADE	OK'D.	DATE	DRAWING NO.	REFERENCE DRAWINGS

SCALE: AS SHOWN DATE: 01/23  
 DESIGN BY: JR/JH 01/23  
 DRAWN BY: JH/EC 01/23  
 CHECKED BY: JR 01/23  
 CDA/ PEF 000707 EXP: 06/30/2024

JASON RAPPLEAN, PE, EDR  
 LEVEL 2 CERTIFICATION # 3091  
 EXPIRATION DATE: 12/07/26

06/19/2024

**JOHNS HOMESTEAD PARK**  
**EROSION CONTROL**  
**EROSION CONTROL DETAILS 2**

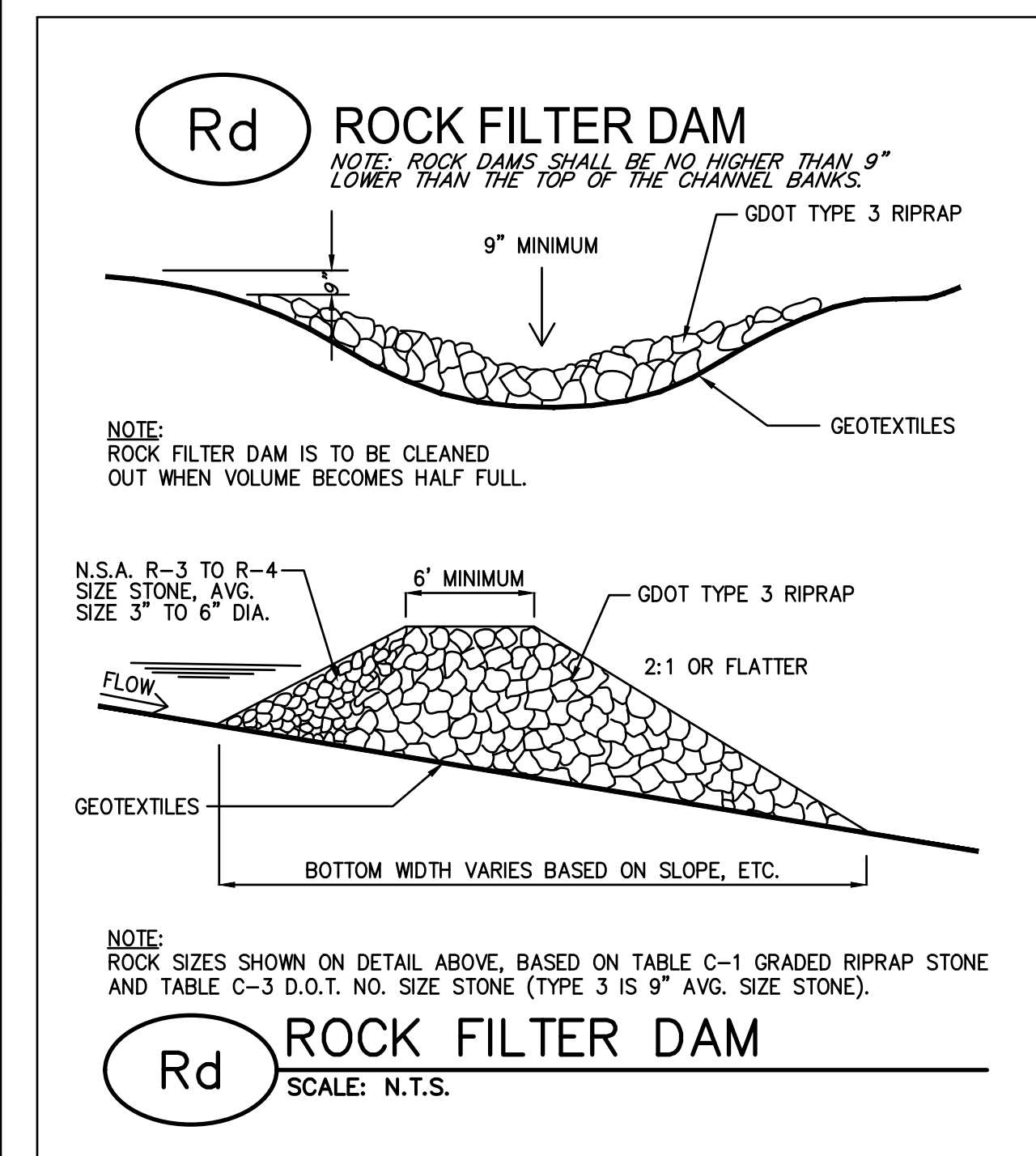
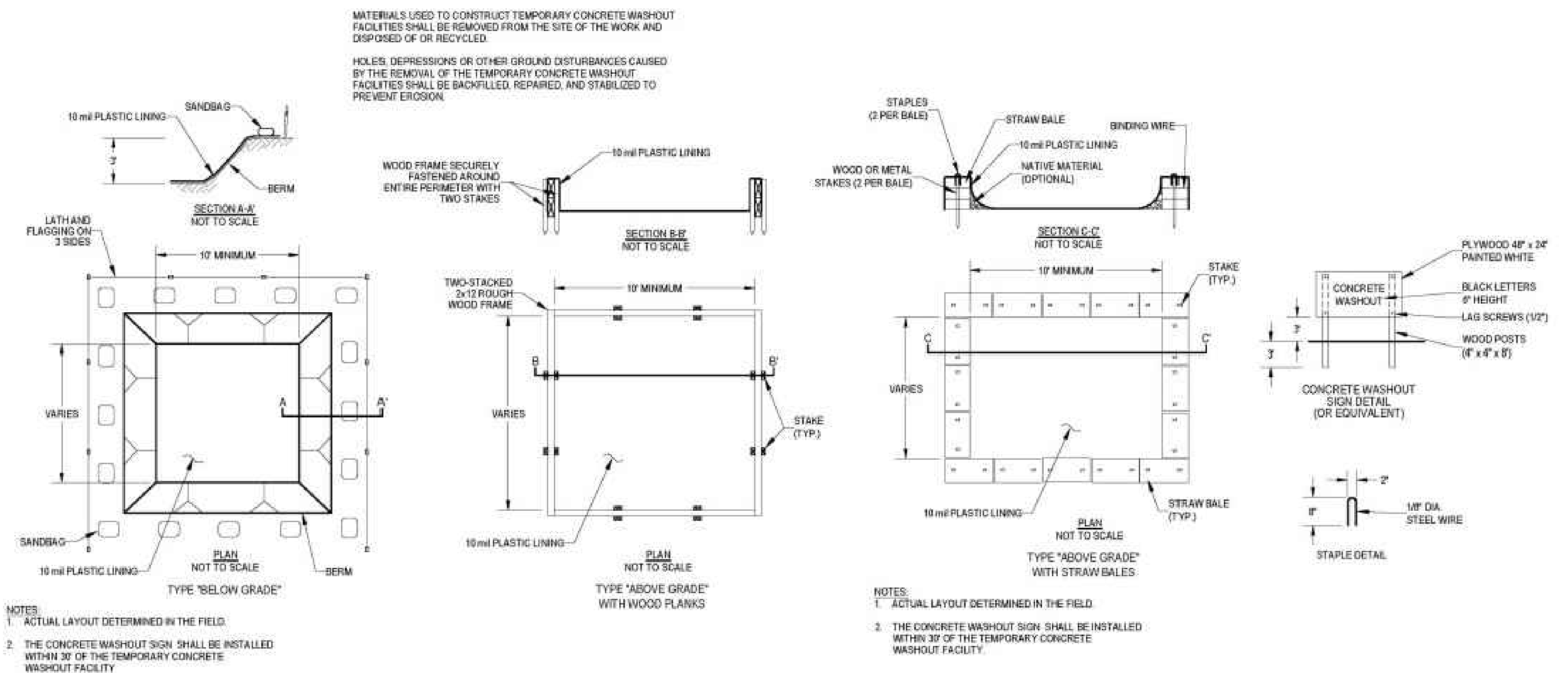
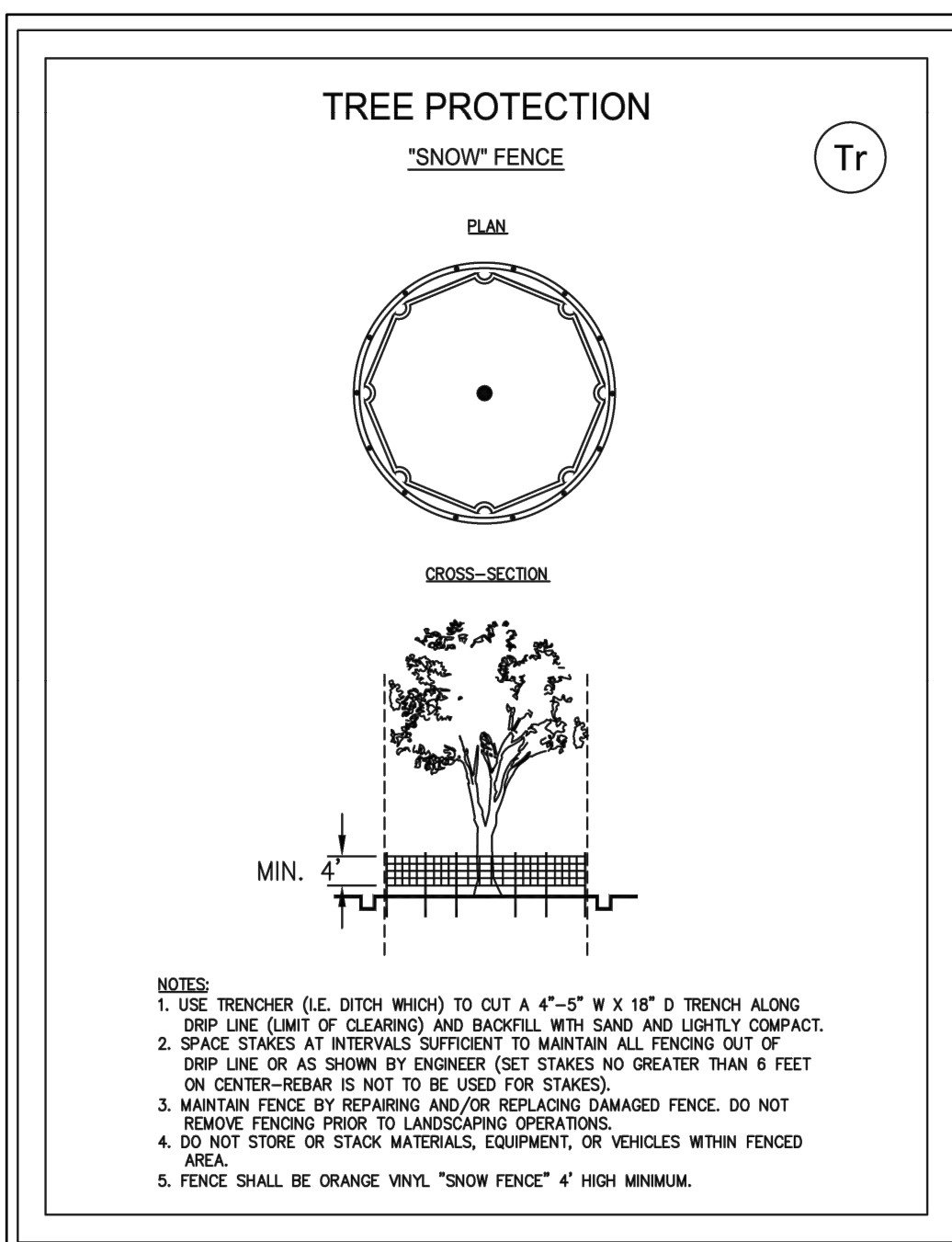
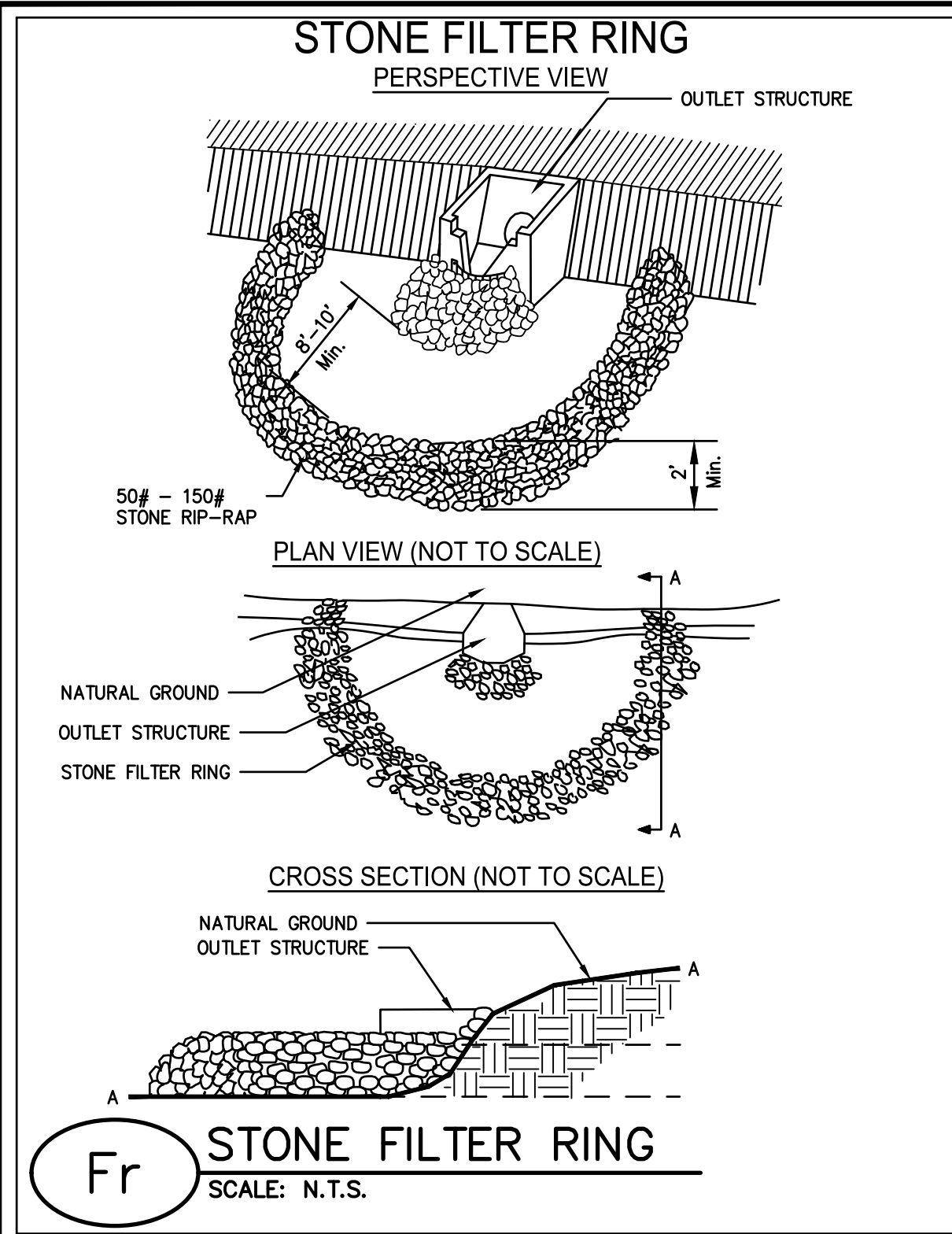
**CITY OF TUCKER AND DEKALB COUNTY**

**WALDEN, ASHWORTH & ASSOCIATES, INC.**  
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 MARIETTA, GEORGIA 30065  
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 (470) 481-0205

4201600 **42016-C-207** **0**



**Cw CONCRETE WASHOUT DETAIL**  
SCALE: N.T.S.

**PRIMARY PERMITTEE**  
OWNER:  
CITY OF TUCKER  
PAKS AND RECREATION DEPT.  
4898 LAVISTA RD, TUCKER, GA 30084  
CONTACT: RIP ROBERTSON, DIRECTOR  
PHONE: (470) 481-0205  
EMAIL: rrobertson@tuckerga.gov

**24 HR. CONTACT PERSON**  
RIP ROBERTSON  
(470) 481-0205



NO.	REVISIONS	MADE	CKD.	DATE	DRAWING NO.	REFERENCE DRAWINGS

**GEORGIA REGISTERED PROFESSIONAL ENGINEER**  
No. 30441  
JASON F. RAPPLEAN

06/19/2024

SCALE: AS SHOWN	DATE
DESIGN BY: JR/JH	01/23
DRAWN BY: JH/EC	01/23
CHECKED BY: JR	01/23
CD# PEF 000707	EXP. 06/30/2024

JASON RAPPLEAN, PE, EDR  
LEVEL 2 CERTIFICATION # 3091  
EXPIRATION DATE: 12/07/26

**JOHNS HOMESTEAD PARK**  
**EROSION CONTROL**  
**EROSION CONTROL DETAILS 3**

**CITY OF TUCKER AND DEKALB COUNTY**

**WALDEN, ASHWORTH & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
P.O. BOX 6462  
MARIETTA, GEORGIA 30065  
(770) 956 - 7879

4201600 **42016-C-208** **0**

**TMDL FOR JOHN'S HOMESTEAD WATERSHED IMPROVEMENT PROJECT  
GAR031300011206 SOUTH FORK PEACHTREE CREEK**

*Johns' Homestead Watershed Improvement Project.*

*The site is located on County-owned property off Law renceville Highway, approximately 0.5 miles east of I 285. Entry to the project is via Johns Road/Stapp Drive behind Reboboth Baptist Church. Future plans for the site include a walkway by the PATH Foundation through the site with a wetland boardwalk and improvements to park amenities centered around the old Johns' home and other remaining buildings.*

*Existing Conditions. Johns Homestead is a 48 acre tract of land and contains two lakes, one immediately below the other, totaling approximately 7 acres in size in the middle of the site. Approximately 100 acres flows into the upper lake. A 24" pipe originally drained from the upper lake to the lower lake. The pipe has failed and now the flow is diverted around the eastern edge of the lower lake. An additional drainage area of approximately 125 acres joins the flow that is diverted around the edge of the lower lake. Only high flows overtop the upper end of the diversion and flow into the lower lake (See Figure 1).*

*The outlet control structure (OCS), a vertical 24-inch corrugated metal pipe (CMP), is partially filled with debris. The outfall from the lake is a corroded 12-inch CMP that needs replacement. The lake also has a 12-inch rein forced concrete pipe (RCP) that serves as an emergency spillway. The downstream end of this pipe has a moderate erosion issue.*

*Proposed Conditions. The outlet pipe from the upper lake to the lower lake will be enlarged to a 36 pipe and the diversion will be filled and an emergency spillway dis charging into the lower lake will be constructed. Structural control devices will be utilized at the upstream end of the lower lake to keep low flows from the 125-acre basin dis charging in to the stream, but the majority of the water will flow into the lower lake with the discharge from the upper lake.*

*Improvements to the lower lake outfall are also planned. The improvements included a new wave wall, a larger OCS with a 72" outfall pipe. In addition, an emergency spillway will be graded to allow for relief of larger rainfalls.*

**IMPLEMENTATION OF GAR0300011206 (John's Homestead Park) UPPER and LOWER LAKES Watershed Improvement Project.**

- Both the upper and lower lake's dams are being renovated, with new control structures that are capable of preventing overtopping and also reduce the erosive velocities of the runoff as it re-enters the stream (below the lower lake).
- The side channel spillway that bypassed the two lakes, will be filled in and the runoff will enter the upper lake. This will protect the adjacent sanitary sewer line and help prevent contamination of the surface runoff.
- The dams are designed for not only the 2-100 yr storm events, but also the AMC-3 Design Storm for both dams.

**EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST  
INFRASTRUCTURE CONSTRUCTION PROJECTS**

SWCD: DeKalb Co SWCD  
Project Name: Twin Brothers Dam Renovation Address: Dams at End of Stapp Drive and Zernory Drive  
City/County: City of Tucker Date on Plans: 7-Jul-23  
Name & email of person filling out checklist: jrhardin@waldenashworth.com

Plan	Included
Page #	Y/N
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- The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. (The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed)
- Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, seal and level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed)
- The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
- Provide the name, address, email address, and phone number of primary permittee.
- Note total and disturbed acres of the project or phase under construction.
- Provide the GPS locations of the beginning and end of the Infrastructure project. Give the Latitude and Longitude in decimal degrees.
- Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
- Descriptions of the nature of construction activity and existing site conditions.
- Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
- Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
- Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on **Part IV page 21** of the permit.
- Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page 20** of the permit. \*
- Design professional certification statement and signature that the permittee's ES&PC Plan provides for representative sampling as stated on **Part IV.D.6.c.(3) page 37** of the permit as applicable. \*
- Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements, perimeter control BMPs, and sediment basins within 7 days after installation." in accordance with **Part IV.A.5 page 26** of the permit. \*
- Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wooded vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
- Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
- Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." \*
- Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." \*
- Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
- Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
- Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
- Any construction activity which discharges storm water into an Impaired Stream Segment or within 1 linear mile upstream of and within the same watershed as, any portion of a Blot Impaired Stream Segment must comply with Part III. C. of the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. \*
- If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. \*
- BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited. \*
- Provide BMPs for the remediation of all petroleum spills and leaks.
- Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. \*
- Description of practices to provide cover for building materials and building products on site. \*
- Description of the practices that will be used to reduce the pollutants in storm water discharges. \*
- Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).

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30 Provide complete requirements of Inspections and record keeping by the primary permittee. \*

31 Provide complete requirements of Sampling Frequency and Reporting of sampling results. \*

32 Provide complete details for Retention of Records as per Part IV.F. of the permit. \*

33 Description of analytical methods to be used to collect and analyze the samples from each location. \*

34 Appendix B rationale for NTU values at all outfall sampling points where applicable. \*

35 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged also provide a summary chart of the justification and analysis for the representative sampling as applicable. \*

36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase. \*

37 Graphic scale and North arrow.

38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:

Existing Contours	USGS 1":2000' Topographical Sheets
Proposed Contours	1":400' Centerline Profile

39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at [www.gaswcc.georgia.gov](http://www.gaswcc.georgia.gov).

40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A.2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. \*

41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

42 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.

43 Delineation and acreage of contributing drainage basins on the project site.

44 Delineate on-site drainage and off-site watersheds using USGS 1":2000' topographical sheets.

45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.

46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.

47 Soil series for the project site and their delineation.

48 The limits of disturbance for each phase of construction.

49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.

52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.

\* If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the \* checklist items would be N/A.

Effective January 1, 2023

NO.	REVISIONS	MADE	OK'D.	DATE	DRAWING NO.	REFERENCE DRAWINGS



SCALE:	AS SHOWN	DATE:	
DESIGN BY:	JR/JH	01/23	
DRAWN BY:	JH/EC	01/23	
CHECKED BY:	JR	01/23	
CD#:	PEF 000707	EXP:	06/30/2024
JASON RAPPLEAN, PE, EDR LEVEL 2 CERTIFICATION # <u>3091</u> EXPIRATION DATE: <u>12/07/26</u>			

**JOHNS HOMESTEAD PARK**  
**EROSION CONTROL**  
**EROSION CONTROL CHECKLIST AND TMDL**

**CITY OF TUCKER AND DEKALB COUNTY**

**WALDEN, ASHWORTH & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS  
 P.O. BOX 6462  
 MARIETTA, GEORGIA 30065  
 (770) 956 - 7879

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<b>PRIMARY PERMITTEE</b> OWNER: CITY OF TUCKER PAKS AND RECREATION DEPT. 4898 LAVISTA RD, TUCKER, GA 30084 CONTACT: RIP ROBERTSON, DIRECTOR PHONE: (470) 481-0205 EMAIL: rrobertson@tuckerga.gov
<b>24 HR. CONTACT PERSON</b> RIP ROBERTSON (470) 481-0205