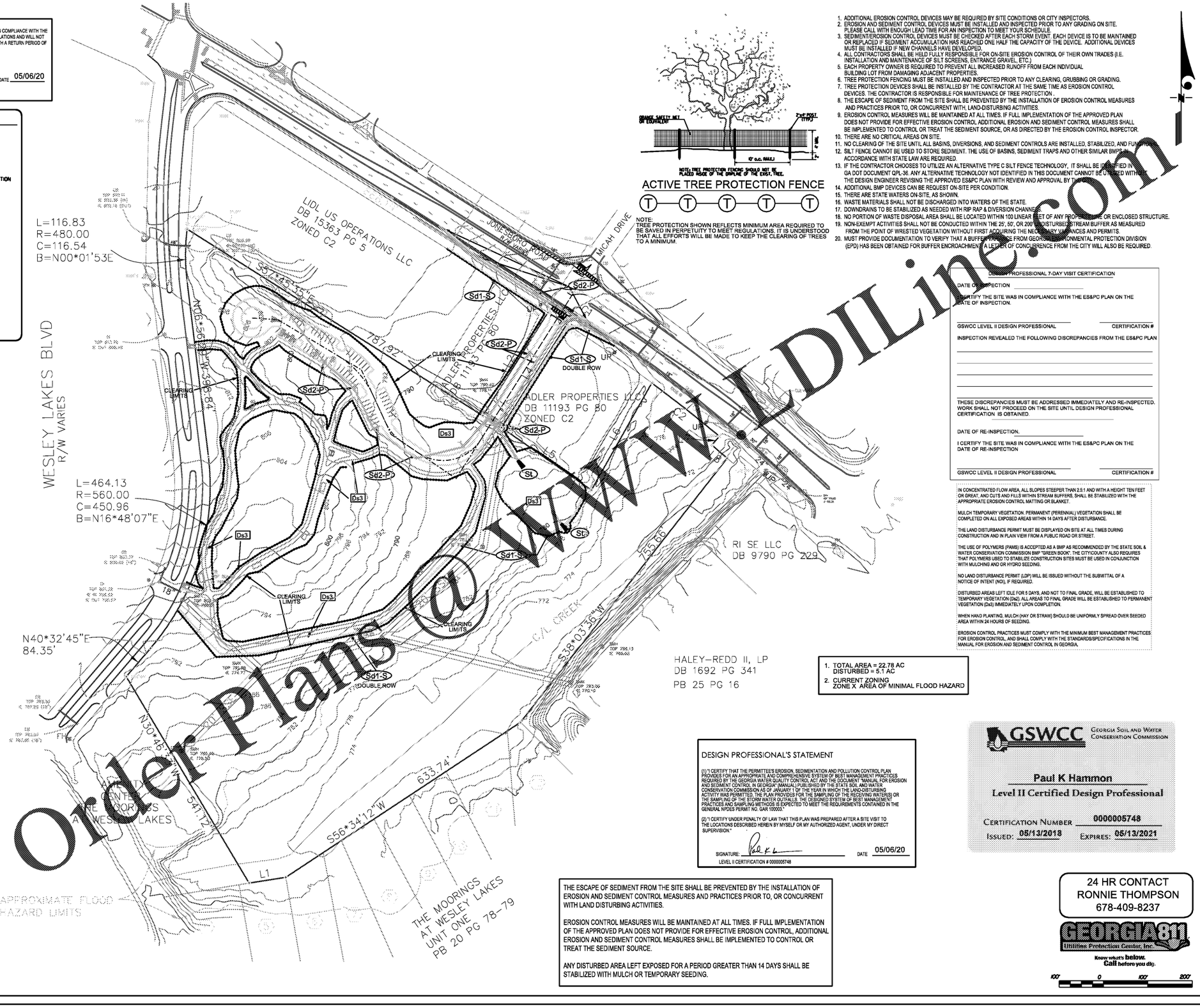
THE PROPOSED EROSION AND RUNOFF CONTROL MEASURES ARE IN COMPLIANCE WITH THE COBB COUNTY SEDIMENT CONTROLAND FLOOD PROTECTION REGULATIONS AND WILL NOT INCREASE THE RUNOFF RATE FROM THE SITE FOR RAINSTORMS WITH A RETURN PERIOD OF 2, 5, 10, 25, 50, AND/OR 100 YEARS.

SIGNATURE: _____ DATE 05/06/20

LEVEL II CERTIFICATION # 0000005748

LEGEND

Sd-S	SILT FENCE (SENSITIVE)
Dst / Ds2 / Ds3	TEMPORARY MULCHING / TEMPORARY STABILIZATION / PERMANENT STABILIZATION
Ce	CONSTRUCTION EXIT
S1	STORM DRAIN OUTLET PROTECTION
Sd2-P	INLET SEDIMENT PROTECTION
Sd2-P	INLET PROTECTION
R1	OUTLET RETROFIT
Sd3	TEMPORARY SEDIMENT BASIN
Fr	FILTER RING
SB	SLOPE MATTING
Dn1	TEMPORARY SLOPE DRAIN
Du	DUST CONTROL
Sk	SKIMMER
Sd4	TEMPORARY SEDIMENT TRAP
Su	SURFACE ROUGHENING
Di	DIVERSION
Cd-S	STONE CKECK DAM



ACTIVE TREE PROTECTION FENCE

NOTE:
TREE PROTECTION SHOWN REFLECTS MINIMUM AREA REQUIRED TO BE SAVED IN PERPETUITY TO MEET REGULATIONS. IT IS UNDERSTOOD THAT ALL EFFORTS WILL BE MADE TO KEEP THE CLEARING OF TREES TO A MINIMUM.

1. ADDITIONAL EROSION CONTROL DEVICES MAY BE REQUIRED BY SITE CONDITIONS OR CITY INSPECTORS.
2. EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED PRIOR TO ANY GRADING ON SITE. PLEASE CALL WITH ENOUGH LEAD TIME FOR AN INSPECTION TO MEET YOUR SCHEDULE.
3. SEDIMENT/EROSION CONTROL DEVICES MUST BE CHECKED AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
4. ALL CONTRACTORS SHALL BE HELD FULLY RESPONSIBLE FOR ON-SITE EROSION CONTROL OF THEIR OWN TRADES (I.E. INSTALLATION AND MAINTENANCE OF SILT SCREENS, ENTRANCE GRAVEL, ETC.)
5. EACH PROPERTY OWNER IS REQUIRED TO PREVENT ALL INCREASED RUNOFF FROM EACH INDIVIDUAL BUILDING LOT FROM DAMAGING ADJACENT PROPERTIES.
6. TREE PROTECTION FENCING MUST BE INSTALLED AND INSPECTED PRIOR TO ANY CLEARING, GRUBBING OR GRADING.
7. TREE PROTECTION DEVICES SHALL BE INSTALLED BY THE CONTRACTOR AT THE SAME TIME AS EROSION CONTROL DEVICES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF TREE PROTECTION .
8. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.
9. 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.
10. THERE ARE NO CRITICAL AREAS ON SITE.
11. NO CLEARING OF THE SITE UNTIL ALL BASINS, DIVERSIONS, AND SEDIMENT CONTROLS ARE INSTALLED, STABILIZED, AND FUNCTIONAL.
12. SILT FENCE CANNOT BE USED TO STORE SEDIMENT. THE USE OF BASINS, SEDIMENT TRAPS AND OTHER SIMILAR BMP'S IN ACCORDANCE WITH STATE LAW ARE REQUIRED.
13. IF THE CONTRACTOR CHOOSES TO UTILIZE AN ALTERNATIVE TYPE C SILT FENCE TECHNOLOGY, IT SHALL BE IDENTIFIED IN GA DOT DOCUMENT QPL-36. ANY ALTERNATIVE TECHNOLOGY NOT IDENTIFIED IN THIS DOCUMENT CANNOT BE UTILIZED WITHOUT THE DESIGN ENGINEER REVISING THE APPROVED ES&PC PLAN WITH REVIEW AND APPROVAL BY THE CITY.
14. ADDITIONAL BMP DEVICES CAN BE REQUEST ON-SITE PER CONDITION.
15. THERE ARE STATE WATERS ON-SITE, AS SHOWN.
16. WASTE MATERIALS SHALL NOT BE DISCHARGED INTO WATERS OF THE STATE.
17. DOWNDRAINS TO BE STABILIZED AS NEEDED WITH RIP RAP & DIVERSION CHANNELS.
18. NO PORTION OF WASTE DISPOSAL AREA SHALL BE LOCATED WITHIN 100 LINEAR FEET OF ANY PROPERTY LINE OR ENCLOSED STRUCTURE.
19. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25', 50', OR 200' UNDISTURBED STREAM BUFFER AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
20. MUST PROVIDE DOCUMENTATION TO VERIFY THAT A BUFFER VARIANCE FROM GEORGIA ENVIRONMENTAL PROTECTION DIVISION (EPD) HAS BEEN OBTAINED FOR BUFFER ENCROACHMENT. A LETTER OF CONCURRENCE FROM THE CITY WILL ALSO BE REQUIRED.

1. TOTAL AREA = 22.78 AC
   DISTURBED = 5.1 AC
2. CURRENT ZONING
   ZONE X AREA OF MINIMAL FLOOD HAZARD

DESIGN PROFESSIONAL 7-DAY VISIT CERTIFICATION

DATE OF INSPECTION _____

I CERTIFY THE SITE WAS IN COMPLIANCE WITH THE ES&PC PLAN ON THE DATE OF INSPECTION.

GSWCC LEVEL II DESIGN PROFESSIONAL _____ CERTIFICATION # _____

INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE ES&PC PLAN

THESE DISCREPANCIES MUST BE ADDRESSED IMMEDIATELY AND RE-INSPECTED. WORK SHALL NOT PROCEED ON THE SITE UNTIL DESIGN PROFESSIONAL CERTIFICATION IS OBTAINED.

DATE OF RE-INSPECTION. _____

I CERTIFY THE SITE WAS IN COMPLIANCE WITH THE ES&PC PLAN ON THE DATE OF RE-INSPECTION

GSWCC LEVEL II DESIGN PROFESSIONAL _____ CERTIFICATION # _____

IN CONCENTRATED FLOW AREA, ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT TEN FEET OR GREAT, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.

MULCH TEMPORARY VEGETATION. PERMANENT (PERENNIAL) VEGETATION SHALL BE COMPLETED ON ALL EXPOSED AREAS WITHIN 14 DAYS AFTER DISTURBANCE.

THE LAND DISTURBANCE PERMIT MUST BE DISPLAYED ON SITE AT ALL TIMES DURING CONSTRUCTION AND IN PLAIN VIEW FROM A PUBLIC ROAD OR STREET.

THE USE OF POLYMERS (PAM) IS ACCEPTED AS A BMP AS RECOMMENDED BY THE STATE SOIL & WATER CONSERVATION COMMISSION BMP "GREEN BOOK". THE CITY/COUNTY ALSO REQUIRES THAT POLYMERS USED TO STABILIZE CONSTRUCTION SITES MUST BE USED IN CONJUNCTION WITH MULCHING AND OR HYDRO SEEDING.

NO LAND DISTURBANCE PERMIT (LDP) WILL BE ISSUED WITHOUT THE SUBMITTAL OF A NOTICE OF INTENT (NOI), IF REQUIRED.

DISTURBED AREAS LEFT IDLE FOR 5 DAYS, AND NOT TO FINAL GRADE, WILL BE ESTABLISHED TO TEMPORARY VEGETATION (Dst). ALL AREAS TO FINAL GRADE WILL BE ESTABLISHED TO PERMANENT VEGETATION (Ds3) IMMEDIATELY UPON COMPLETION.

WHEN HAND PLANTING, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24 HOURS OF SEEDING.

EROSION CONTROL PRACTICES MUST COMPLY WITH THE MINIMUM BEST MANAGEMENT PRACTICES FOR EROSION CONTROL, AND SHALL COMPLY WITH THE STANDARDS/SPECIFICATIONS IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.

DESIGN PROFESSIONAL'S STATEMENT

(1) "I CERTIFY THAT THE PERMITTEES EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED. THE PLAN PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS. THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100003."

(2) "I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION."

SIGNATURE: _____ DATE 05/06/20

LEVEL II CERTIFICATION # 0000005748

GSWCC Georgia Soil and Water Conservation Commission

Paul K Hammon
Level II Certified Design Professional

CERTIFICATION NUMBER 0000005748
ISSUED: 05/13/2018 EXPIRES: 05/13/2021

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH 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.

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

24 HR CONTACT
RONNIE THOMPSON
678-409-8237

GEORGIA 811 Utilities Protection Center, Inc.
Know what's below. Call before you dig.

100' 0 100' 200'

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Consulting Engineers, Inc.
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NORTH CAROLINA 828-253-2796
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SOUTH CAROLINA 864-574-4775
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JONESBORO ROAD

LAND LOT 126
SECTION 7
CITY OF McDONOUGH
HENRY COUNTY GA.

GEORGIA REGISTERED No. 031248 PROFESSIONAL ENGINEER PAUL K. HAMMON

Project Name: JONESBORO ROAD PARK
Project Number: 071920-33
Drawn By: PTJ Ck'd By: PTJ
Date: 06/17/20 Scale: As shown

Rev:	Description:	Date:
1	SUBMIT FOR REVIEW	04/24/2020
2	REVISED: ADDED ROUT AND SCANOE REPLACED MANHOLES WITH JUNCTION BOX CHANGED RADIUS AND REMOVED BW	05/06/2020
3	REVISED: ADDED QUICK CURB WITH DELINEATORS TO JONESBORO RD	05/13/2020
4	REVISED: ADDED DELINEATORS TO QUICK CURB REPLACED EXISTING R1-1 SIGN AND STOP BAR, REMOVE EXISTING PIPE IN ROADWAY	05/19/2020
5	REVISED: MODIFIED 8' SIDEWALK PATH, REMOVED PARKING SPACES, ADDED EXISTING GAS LINES, CHANGED CORNER HATCHING ON MICAH DR	06/17/2020

ES&PC
PLAN-
FINAL PHASE

C-07