GENERAL SITE NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. ALL DISTURBED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED, AS SPECIFIED ON THE EROSION CONTROL PLANS AND/OR LANDSCAPE PLANS.
3. ALL DIMENSIONS AND RADII ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
4. EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES' SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
6. ALL BOUNDARY AND TOPOGRAPHICAL INFORMATION SHOWN WAS TAKEN FROM A SURVEY BY WOLVERTON AND ASSOCIATES, INC.
7. PORTIONS OF THIS PROPERTY LIE IN A 100-YEAR FLOODPLAIN OR IN AN IDENTIFIED "FLOOD PRONE AREA", AS DEFINED PURSUANT TO THE FLOOD DISASTER PROTECTION ACT OF 1973, AS AMENDED, AS REFLECTED BY FLOOD INSURANCE RATE MAP PANELS 13135C0107F AND 13135C0108F, DATED SEPTEMBER 29, 2006.
8. THE CURRENT ZONING OF ALL PROPERTY SHOWN FOR DEVELOPMENT IS "RA-200". ADJACENT PROPERTY ZONED AS SHOWN.
9. ALL SITE FURNISHING LOCATIONS SHALL BE FIELD VERIFIED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
10. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
11. **NOTE: TRAIL PAVING OPERATIONS MUST BE PERFORMED STARTING AT THE MOST REMOTE PARTS OF THE TRAIL (ADJACENT TO THE WETLANDS AND PALM CREEK), THEN PAVING 'OUT' TOWARDS THE RESPECTIVE BEGINNING AND END OF THE TRAIL CONSTRUCTION, TO AVOID RUNNING PAVING EQUIPMENT / VEHICLES OVER NEWLY PAVED AREAS. SHOULD ANY TRAIL (OR OTHER) PAVEMENT BE DAMAGED BY THE CONTRACTOR, THE PAVEMENT SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE.**

DEMOLITION NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING OF THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
3. THE CONTRACTOR SHALL MAINTAIN ALL UTILITY SERVICES TO THE EXISTING SITE AND ADJACENT PROPERTIES AT ALL TIMES. UTILITY SERVICES SHALL NOT BE INTERRUPTED WITHOUT APPROVAL FROM THE OWNER'S CONSTRUCTION MANAGER.
4. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING EXISTING IRRIGATION SYSTEM IN THE AREAS OF PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL CAP THE EXISTING IRRIGATION SYSTEM TO REMAIN SUCH THAT THE REMAINING SYSTEM SHALL CONTINUE TO FUNCTION PROPERLY.
6. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ONSITE LOCATIONS OF EXISTING UTILITIES.
7. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK.
8. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION, AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE. CONTRACTOR SHALL PAY CLOSE ATTENTION TO EXISTING UTILITIES WITHIN THE ANY ROAD RIGHT OF WAY DURING CONSTRUCTION.
9. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC., TO THE BEST PRACTICES AND AS APPROVED BY THE OWNER'S CONSTRUCTION MANAGER.
10. CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.
11. PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.
12. SHOULD REMOVAL AND/OR RELOCATION ACTIVITIES DAMAGE EXISTING STRUCTURES, THEN THE CONTRACTOR SHALL PROVIDE NEW MATERIALS/STRUCTURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. EXCEPT FOR MATERIALS DESIGNED TO BE RELOCATED ON THIS PLAN, ALL OTHER CONSTRUCTION MATERIALS SHALL BE NEW.
13. CONTRACTOR MAY LIMIT SAW-CUT & PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS; BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR.
14. CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE.
15. DAMAGE TO ANY EXISTING CONDITIONS TO REMAIN WILL BE REPLACED/REPAIRED AT CONTRACTOR'S EXPENSE.
16. NO EQUIPMENT SHALL BE STORED WITH IN ANY RIGHT-OF-WAY WITH OUT PERMISSION OF RIGHT-OF-WAY OWNER.

GWINNETT COUNTY NOTES

1. NOTIFY GWINNETT COUNTY INSPECTIONS 24 HOURS BEFORE BEGINNING OF EVERY PHASE OF CONSTRUCTION. 678-518-6000.
2. NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL SITE IMPROVEMENTS HAVE BEEN COMPLETED.
3. ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED WITH PROTECTIVE FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
4. ALL CONSTRUCTION TO COMPLY WITH GWINNETT COUNTY STANDARDS.
5. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY GWINNETT COUNTY OF ANY LAND DISTURBANCE ACTIVITIES WITHIN WETLAND AREAS.
6. ALL CONSTRUCTION MUST MEET OR EXCEED ALL LOCAL, STATE AND FEDERAL REGULATIONS TO INCLUDE ADA AND GA. ACCESSIBILITY CODES.
7. ALL PARK IMPROVEMENTS SHALL BE CLEARLY FLAGGED IN THE FIELD FOR ON-SITE FIELD REVIEW AND ADJUSTMENT BY THE CIVIL ENGINEER AND OWNERS PRIOR TO PROCEEDING WITH ANY AND ALL CONSTRUCTION OPERATIONS.
8. ALL PARK IMPROVEMENTS ARE SUBJECT TO FIELD ADJUSTMENTS BY THE OWNER AND/OR OWNER'S REPRESENTATIVE.
9. A 50' UNDISTURBED BUFFER AND A 75' IMPERVIOUS SETBACK SHALL BE MAINTAINED ADJACENT TO ALL STREAMS.
10. MAXIMUM SLOPE FOR CUT AND FILL IS 2H:1V EXCEPT EARTHEN DAM EMBANKMENTS SHALL BE 3H:1V.
11. EXTENTS OF ALL TRAILS "TO BE FIELD LOCATED", CONTRACTOR TO CLEARLY LAYOUT ITEM IN FIELD THEN CONTACT LANDSCAPE ARCHITECT FOR SITE OBSERVATION, COMMENTS, AND ADJUSTMENTS PRIOR TO BEGINNING ANY CLEARING OR GRADING OF ANY TRAIL ROUTE.
12. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE GA. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
13. TOPPING TREES IS NOT ALLOWED. TREES REMOVED OR HAVING THEIR TOPS CUT AFTER COMPLIANCE WITH THIS ORDINANCE SHALL BE REPLACED WITH THE EQUIVALENT INCHES OF REMOVED TREES.
14. ALL GRASSED AREAS TO BE SODDED OR SEEDED, AS INDICATED IN THESE PLANS.
15. NO OVERSIZED SIGNS ARE PERMITTED.
16. CONTRACTOR SHALL CALL DEVELOPMENT INSPECTIONS TO SCHEDULE A PRE-CONSTRUCTION MEETING PRIOR TO START OF ANY CONSTRUCTION 678-518-6000.
17. NATURAL VEGETATION SHALL REMAIN ON THE PROPERTY UNTIL ISSUANCE OF A DEVELOPMENT PERMIT. NO INTERIM LAND DISTURBANCE PERMITS SHALL BE ISSUED.
18. FLOODPLAIN ON THIS PROPERTY FROM ALL WATER COURSES WITH A DRAINAGE AREA EXCEEDING 100 AREAS IS SHOWN.
19. IF NO CURB AND GUTTER EXISTS ON EXISTING ROADWAY, THE SIDEWALKS MUST BE FURTHER BACK FROM THE EDGE OF PAVEMENT. LOCATION TO BE APPROVED BY DEPARTMENT OF TRANSPORTATION.
20. CONTRACTOR TO CONTACT THE GWINNETT COUNTY DEPARTMENT OF TRANSPORTATION PRIOR TO COMMENCING WORK.
21. CONTACT TOM WHITLOCK OF GWINNETT COUNTY DEPARTMENT OF TRANSPORTATION, CENTRAL MAINTENANCE FACILITY, AT 678-639-8814 TO SET AN APPOINTMENT FOR THE ROAD SIGN LOCATIONS.
22. SIDEWALKS SHALL BE LOCATED AT LEAST 2 FEET FROM THE BACK OF CURB AND SHALL BE CONSTRUCTED OF CONCRETE A MINIMUM OF FIVE (5') FEET IN WIDTH AND 4" THICK WITH A CROSS SLOPE OF 0.25" PER FOOT. CONCRETE SHALL BE CLASS "B" AND HAVE A STRENGTH OF 2200 PSI AT 28 DAYS.
23. SIDEWALKS ON"ACTIVE" RECREATION AREA LOTS SHALL BE INSTALLED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

NOTE:

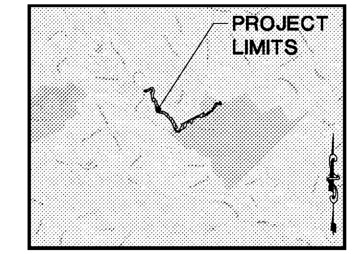
THE CONTRACTOR SHALL BE FURNISHED ELECTRONIC DATA FILES TO FACILITATE THE LAYOUT OF ALL PROPOSED IMPROVEMENTS.

GWINNETT COUNTY BUILDING PLAN REVIEW NOTE:

A SEPARATE BUILDING PERMIT IS REQUIRED FOR EACH BOARDWALK STRUCTURE.

SITE GRADING NOTES

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF ALL EXISTING UTILITIES (ABOVE OR BELOW GROUND) AS SHOWN ON THESE PLANS ARE APPROXIMATE AND WERE LOCATED BASED ON EITHER VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS AND/OR FROM UTILITY OWNERS. WOLVERTON AND ASSOCIATES INC. DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS SHOWN ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES (ABOVE OR BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANIES AND THE UTILITIES PROTECTION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY OWNER AND/OR ENGINEER OF ANY UTILITY CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL CUT OR FILL SLOPES SHALL BE 2:1 OR FLATTER UNLESS OTHERWISE NOTED.
3. EXISTING DRAINAGE STRUCTURES (WITHIN CONSTRUCTION LIMITS) ARE TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES ARE TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
4. EXISTING GRADE CONTOUR SHOWN AT 1 FOOT INTERVALS.
5. PROPOSED GRADE CONTOUR SHOWN AT 1 FOOT INTERVALS.
6. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
7. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
8. THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
9. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
10. TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY BY WOLVERTON & ASSOCIATES, INC. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
11. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES AS INDICATED ON THE EROSION CONTROL PLANS. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH COUNTY SPECIFICATIONS AND THESE PLANS UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
12. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
13. CONTRACTOR TO CONTACT THE COUNTY FIRE DEPARTMENT FOR BLASTING REQUIREMENTS.
14. ALL SPOT ELEVATIONS SHOWN ON PAVED AREAS ARE TOP OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.



LOCATION MAP
NOT TO SCALE

GWINNETT COUNTY STORM WATER NOTES

1. WETLAND CERTIFICATION: THE DESIGN PROFESSIONAL, WHOSE SEAL APPEARS HEREON, CERTIFIES THE FOLLOWING: 1) THE NATIONAL WETLAND INVENTORY MAPS HAVE BEEN CONSULTED; AND 2) THE APPROPRIATE PLAN SHEET DOES INDICATE AREAS OF UNITED STATES CORPS OF ENGINEERS JURISDICTIONAL WETLANDS AS SHOWN ON THE MAPS; AND, 3) IF WETLANDS ARE INDICATED, THE LAND OWNER OR DEVELOPER HAS BEEN ADVISED THAT LAND DISTURBANCE OF PROTECTED WETLANDS SHALL NOT OCCUR UNLESS THE APPROPRIATE FEDERAL WETLANDS ALTERATION ("SECTION 404") PERMIT HAS BEEN OBTAINED.
2. GWINNETT COUNTY ASSUMES NO RESPONSIBILITY FOR OVERFLOW OR EROSION OF NATURAL OR ARTIFICIAL DRAINS BEYOND THE EXTENT OF THE STREET RIGHT-OF-WAY, OR FOR THE EXTENSION OF CULVERTS BEYOND THE POINT SHOWN ON THE APPROVED AND RECORDED PLAN. GWINNETT COUNTY DOES NOT ASSUME THE RESPONSIBILITY FOR THE MAINTENANCE OF PIPES IN DRAINAGE EASEMENTS BEYOND THE COUNTY RIGHT-OF-WAY.
3. MAXIMUM SLOPE FOR CUT OR FILL IS 2H:1V EXCEPT EARTHEN DAM EMBANKMENTS SHALL BE 3H:1V.
4. HDPE PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-294 AND AASHTO MP7, TYPE S AND D. CONNECTIONS SHALL USE A RUBBER GASKET, WHICH CONFORMS TO ASTM F-477. INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM RECOMMENDED PRACTICE D-2321, AASHTO SECTION 30, OR WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS AND BRIDGES.
5. ALL RCP PIPE JOINTS SHALL BE BELL AND SPIGOT TYPES WITH A RUBBER GASKET CONFORMING TO ASTM C-443. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH AASHTO M-170 AND/OR ASTM C-76. CLASS OF PIPE AND WALL THICKNESS SHALL BE IN ACCORDANCE WITH 1030-D SPECIFICATION, TABLE NO. 1. INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 550 OF GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS AND BRIDGES.
6. THERE IS A FLOODPLAIN ON THIS PROPERTY FROM A WATER COURSE WITH A DRAINAGE AREA EXCEEDING 100 ACRES OR FLOODPLAIN SHOWN IS FROM FIRM PANEL 13135C0107F AND 13135C0108F, DATED 09/29/2006.
7. A 50-FOOT UNDISTURBED BUFFER AND A 75-FOOT IMPERVIOUS SETBACK SHALL BE MAINTAINED ADJACENT TO ALL STREAMS.
8. STRUCTURES ARE NOT ALLOWED IN DRAINAGE EASEMENTS.
9. GALVANIZED CORRUGATED STEEL PIPE MAY NOT BE USED IN DRAINAGE EASEMENTS OR COUNTY RIGHT-OF-WAY.
10. SOURCE OF TOPOGRAPHY IS A SURVEY BY WOLVERTON AND ASSOCIATES, INC. AND REFERENCE DATUM IS NAD83 (2011) HORIZONTAL AND NAVD88 (GEOID2012A) VERTICAL.
11. ALL STORM SEWER PIPES AND CULVERTS SHALL BE INSTALLED PER THE GWINNETT COUNTY "STORMWATER SYSTEMS AND FACILITIES INSTALLATION STANDARDS AND SPECIFICATIONS" JULY 28, 2006 EDITION (SSFISS).
12. ALL INSTALLATIONS ARE SUBJECT TO INSPECTION BY GWINNETT COUNTY DEPARTMENT OF WATER RESOURCES (GCDWR). ALL PIPES AND CULVERTS SHALL BE BEDDED AS REQUIRED BY THE SSFISS.
13. ALL MATERIAL CERTIFICATIONS, AND COMPACTION TESTS SPECIFIED IN THE SSFISS SHALL BE PROVIDED TO GCDWR MONTHLY.
14. ALL RESISTIVITY TESTS, pH TESTS, AND OTHER TESTS SPECIFIED IN THE SSFISS SHALL BE PROVIDED TO GCDWR PRIOR TO PIPE OR CULVERT INSTALLATION.
15. ALL SWM UTILITIES TO BE INSPECTED BY DEPARTMENT OF WATER RESOURCES.

GRADING/DRAINAGE PLAN LEGEND

- STORM SEWER PIPING
- DRAINAGE STRUCTURE INDICATOR
- SLOPE ARROW
- RIP-RAP APRON
- PRECAST HEADWALL STRUCTURE WITH ENERGY DISSIPATER
- FLARED END SECTION
- TC = TOP OF CURB
- TP = TOP OF PAVEMENT

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF ALL EXISTING UTILITIES (ABOVE OR BELOW GROUND) AS SHOWN ON THESE PLANS ARE APPROXIMATE AND WERE LOCATED BASED ON EITHER VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS AND/OR FROM UTILITY OWNERS. WOLVERTON AND ASSOCIATES INC. DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS SHOWN ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES (ABOVE OR BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANIES AND THE UTILITIES PROTECTION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY OWNER AND/OR ENGINEER OF ANY UTILITY CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

Order Plans @ WWW.LD

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GENERAL NOTES

GWINNETT COUNTY
Department of Planning and Development
These project documents have been reviewed by applicable County Departments and have been found to be in substantial compliance with the applicable codes and regulations.
Oct 08, 2019
AUTHORIZED

GWINNETT COUNTY CASE • CDP2018-00236

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GEORGIA REGISTERED No. 30410 PROFESSIONAL ENGINEER T. HUNTER HYDE
GSWCC# 22364
ISS. 05/16/2018
EXP. 05/16/2021

Project Title
LLOYD N. HARRIS TRAIL @ HARBINS PARK
2995 LUKE EDWARDS ROAD
BY: GWINNETT COUNTY DEPT. OF COMMUNITY SERVICES
LAWRENCEVILLE, GEORGIA
5TH DISTRICT, LAND LOT 251, PARCEL ID# R5262 003

REVISIONS	BY

DRAWN BY: DMN
CHECKED BY: THH
DATE: 09/25/2019
SCALE: NTS
JOB No. 18-LD-068
SHEET NUMBER
C-N

18-LD-068 MAIN.DWG