

**GENERAL NOTES**

- Information regarding underground utilities on these plans is not guaranteed as to accuracy or completeness. Prior to beginning work, the contractor shall request a field location through the utility protection center and any utility owners thought to have facilities in the area. The contractor shall promptly compare these field-marked locations with the project plans and notify the engineer of any anticipated problems or need for contract changes. It is the contractor's responsibility to excavate or cause the utility owner to excavate for the purpose of determining exact elevations or locations at utility crossings and other critical locations well in advance of the work under this contract. Damage to existing utilities resulting from the Contractor's negligence shall be repaired at the Contractor's expense.
- The contractor is responsible for staking the alignment of the proposed pipeline prior to pipe installation. If a conflict should arise, the contractor shall notify the engineer at that time in writing.
- All temporary fills shall be removed in their entirety.
- All excavated dirt shall be placed on the high side of the trench away from any creeks or branches.
- Any fill dirt over the pipe shall be graded to preconstruction elevations to prevent ponding.
- Concrete blocking shall be placed at all bends on the sewer force main.
- Ductile iron solid sleeves are required for joining different types of sanitary sewer pipes.
- A copy of the approved construction plans must be on the job site at all times that construction is underway.
- No bury pits are allowed.
- Topographic ground elevations are from field surveys and benchmarks are mean sea level.
- All sanitary sewer system construction must follow the current Cherokee County Water and Sewerage Authority Development Standards.
- The Owner/Developer is the Cherokee County Water and Sewerage Authority.
- This project is located in Land Lots 342, 343, 379, 413 and 414 of the 15th District, 2nd Section in Cherokee County.
- Existing land use is residential, commercial, and industrial.
- The total area of disturbance for this project is 7.2 acres.
- The engineering consultants are Atkins North America, 192 Anderson Street, Suite 150, Marietta, Georgia 30060, Phone: (770) 422-1902, Fax: (770) 426-5316
- This project consists of 4,410 L.F. of 8" sanitary sewer, 4,890 L.F. of 6" D.I.P. force main, and one sewer lift station.
- Portions of this project are located within a 100 year flood plain as shown on F.I.R.M. Community Map Number 19057C0261D dated September 29, 2006.
- All marketable timber will be salvaged. Top soil will be salvaged, stock piled and spread on areas to be vegetated. Trees outside of the clearing line will be protected from damage by appropriate markings.
- Noise abatement shall be of a reasonable level. All equipment must be in good working order, no broken mufflers, oil, or hydraulic fluid leaks, etc.
- Contractor shall remove all severed bushes, underbrush, branches, trees and debris including excess dirt, in a timely manner.
- A pre blast and post blast survey will be the responsibility of the contractor. All rock blasting will be monitored and recorded for resolving any claims.
- Contractor shall return to remove any trees that die due to construction of the sanitary sewer up to one year from completion of job.
- The contractor must call the Utilities Protection Center "CALL BEFORE YOU DIG" telephone number (811) three days before starting any excavation.
- Clean up and/or contain fuel and oil spills immediately. Report any chemical spills into waterways immediately to the Georgia EPD Emergency Response Program (1-800-241-4113). If fuel and oil are to be stored on-site, they must be stored in accordance with The Georgia Fire Marshal's Rules and Regulations. A dike of sufficient height to contain the volume of fuel or oil being stored along with materials and products made for the absorption of petroleum products are required on-site. Any used absorbing material must be disposed of in an approved waste disposal site.
- The right-of-way and/or construction easement represents the limits of clearing for the project. The contractor shall not clear beyond this limit. The contractor shall pay particular attention to any special conditions regarding clearing that are attached to the easement agreements.
- Off-site vehicle tracking of dirt, soils, and sediments and the generation of dust shall be minimized or eliminated to the maximum extent practicable promptly.
- There are wetlands located adjacent to this project.
- All State Waters within 200' of this project have been delineated.
- No storm water will be contained on this project.
- Some construction activities will be conducted within the 25' stream buffer.
- Any damages caused to the existing pavement, bridges, shoulders, ditches, storm drainage systems, and roadway right-of-way shall be repaired in accordance with city and county standards and to the satisfaction of the City of Holly Springs and the Cherokee County roads and bridges division.
- All work shall conform to all federal, state and county rules, regulations and guidelines, including, but not limited to, the construction, installation, erosion control and traffic control.
- An undisturbed vegetative buffer meeting local and state requirements adjacent to all running streams and creeks will be left in place and maintained, except where a stream is crossed in perpendicular fashion in accordance with regulatory requirements.
- Existing county roads shall not be open cut unless permission is granted by the Cherokee County Transportation Department. Roadway crossings are to be installed through casings or as shown on plans.
- No drop-offs adjacent to the roadway are allowed to remain after work hours.

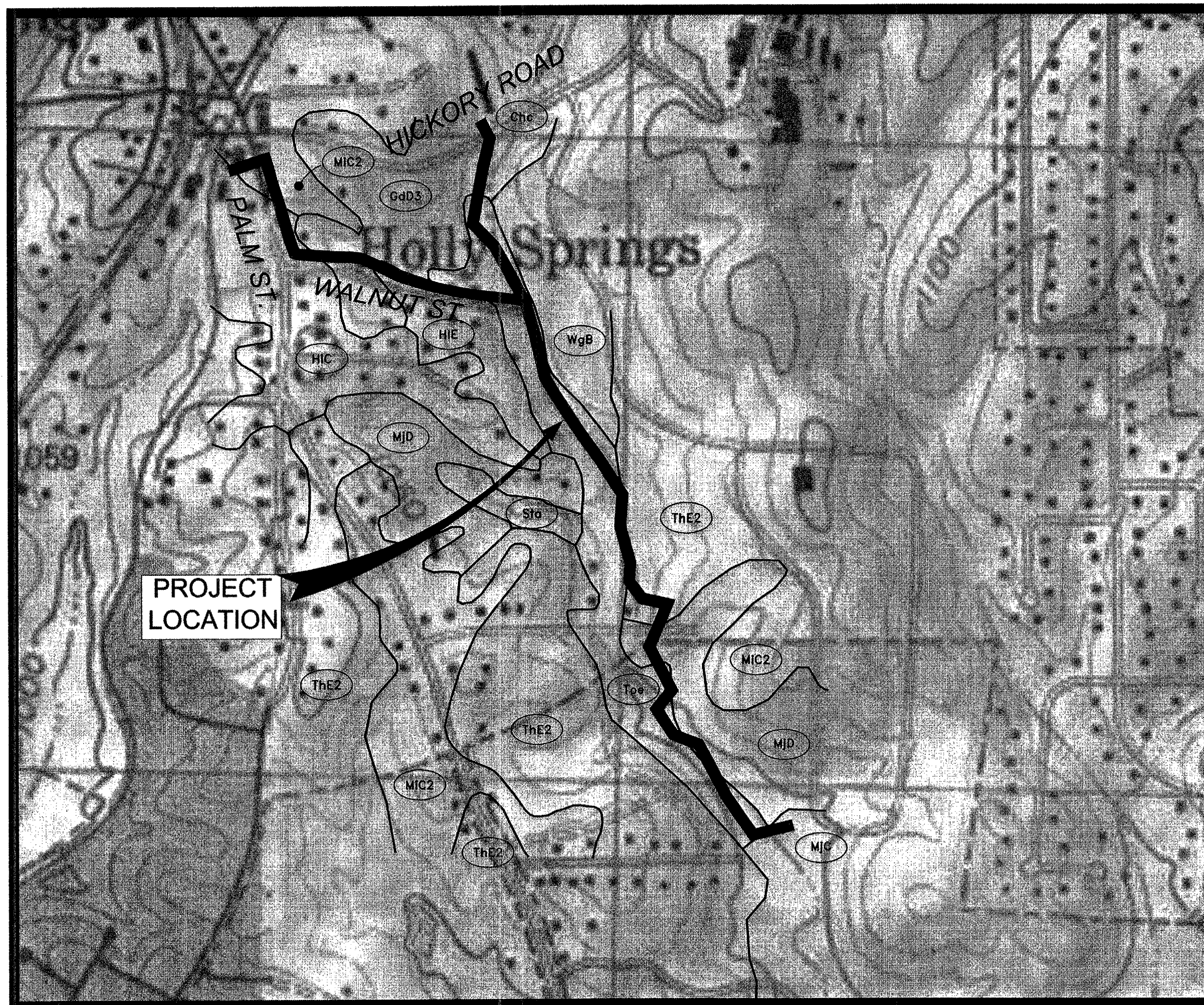
**SOIL TYPE**

- |   |  |
|---|--|
| <b>Chc</b> Chocoma-cartecay complex   | <b>MJD</b> Madison fine sandy loam, 10 to 15 percent slopes                      |
| <b>GdD3</b> Gwinnett sandy clay loam, 6 to 15 percent slopes, severely eroded | <b>Sta</b> Starr fine sandy loam   |
| <b>HIC</b> Hayesville fine sandy loam, 6 to 10 percent slopes                 | <b>The2</b> Tallapoosa gravelly sandy clay loam, 10 to 25 percent slopes, eroded |
| <b>HIE</b> Hayesville fine sandy loam, 10 to 25 percent slopes                | <b>Toe</b> Toccoa complex  |
| <b>MIC2</b> Madison gravelly sandy clay loam, 2 to 10 percent slopes, eroded  | <b>WgB</b> Wickham fine sandy loam, 2 to 6 percent slopes                        |
| <b>MJC</b> Madison fine sandy loam, 6 to 10 percent slopes                    |  |

- All work and materials are to conform with the Cherokee County WSA standards and with the regulations of the governmental agency controlling the road right-of-way.
- Work hours will be limited to Monday through Friday, 8:00 A.M. to 6:00 P.M., except as modified by local or state restrictions and requirements. No work allowed on Sundays.
- Contractor shall maintain driveway access and postal service throughout the duration of the project.
- All construction trailers are to be permitted through the planning and zoning department.
- All signs on this project are to be permitted through code enforcement/sign division.
- All pavement, signals, curb and gutter, sidewalks, striping, signage, and drainage structures damaged or removed as a result of the construction of this sanitary sewer project are to be replaced in kind by the contractor.
- Construction equipment shall not be parked in the right of way and must be stored adjacent to the site.
- No construction equipment shall be parked in areas which restrict sight distance.
- Storage of materials is not allowed on roadway right of ways.
- Traffic control devices (signs, signals, markings) and certified flagmen are required and shall meet MUTCD Standards, latest edition, for all utility work in the R/W.
- Tree protection devices shall be installed by the contractor at the same time as erosion control devices. The contractor is responsible for maintenance of the protection devices.
- Tree protection devices must be installed and inspected prior to any clearing, grubbing, or grading.
- When digging near trees, the contractor shall prune all exposed roots one (1) inch in diameter and larger on the side of the trench adjacent to the trees. Pruning shall consist of making a clean cut flush with the side of the trench to promote new root growth.
- Pruning of tree limbs to provide clearance for equipment and materials shall be done according to standard arboricultural practice (See ANSI A300).
- Protect the trunks of any trees being preserved within the temporary or permanent easement with strapped-on planking or similar protection device.
- Gravel bedding shall be installed as shown on the construction plans.
- The contractor is responsible for field verifying the exact location, size, and material of any existing water or sewer facility proposed for connection or use by this project.
- There are no known cemeteries located on this construction site.
- Single lane or total road closure - The contractor is required to submit applications for and obtain all required city, county, and GDOT permits for lane closures and traffic control prior to beginning construction.
- The Contractor shall provide the Owner and Engineer the name and telephone number of the Contractor's representative that is available 24 hours per day / 7 days per week to contact in the event of an emergency.

**DRAWING INDEX**

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<b>CONSTRUCTION DRAWINGS</b>	
COVER SHEET	
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SANITARY SEWER PLAN & PROFILE SHEETS	P-01 - P-06
MECHANICAL PLAN & SECTION	M-1 - M-2
ELECTRICAL PLAN	E-1 - E-5
PUMP STATION SITE PLAN	PS-01
LIFT STATION STRUCTURAL DETAILS	D-S1
EROSION CONTROL PLAN	EC-01 - EC-03
EROSION CONTROL NOTES	EC-04
EROSION CONTROL DETAILS	EC-05 - EC-07
TOONIGH CREEK BASIN TMDL	EC-08
ESPC PLAN CHECKLIST	EC-09
COMPREHENSIVE MONITORING PLAN NOTES	CMP-01
COMPREHENSIVE MONITORING PLAN MAP	CMP-02



**COLOR CODES FOR UTILITY LOCATING**

- RED ELECTRIC
- YELLOW GAS-OIL
- ORANGE TELEPHONE/CATV
- BLUE WATER
- GREEN SEWER

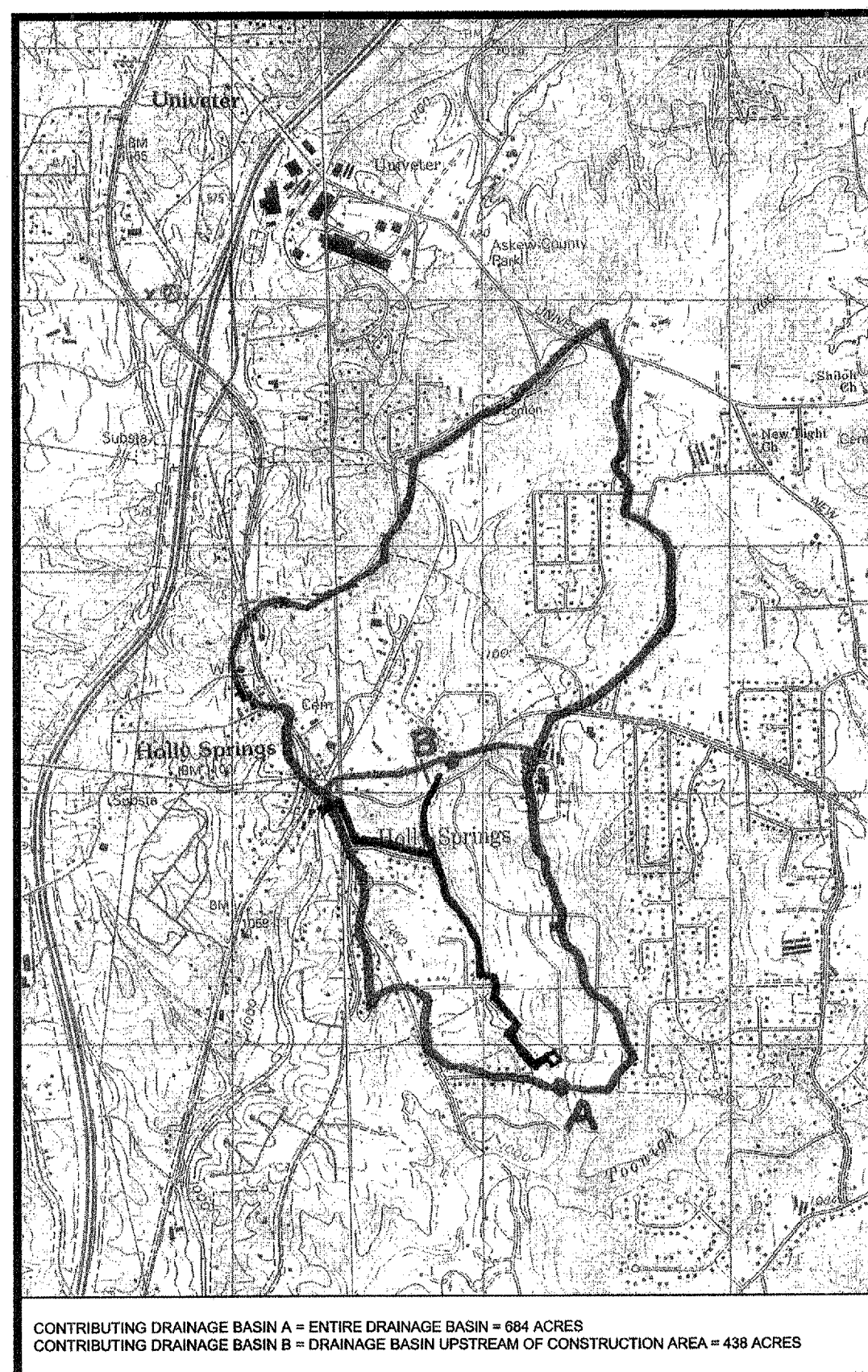
**IF YOU DIG GEORGIA CALL US FIRST!**  
1-800-282-7411  
*It's The Law!*  
**Utilities Protection Center, Inc.**

**811**

Know what's below  
Call before you dig

**VICINITY MAP**

Scale: 1 Inch = 500 Ft.



DESCRIPTION	ACTIVITY SCHEDULE						
	OCT	NOV	DEC	JAN	FEB	MAR	APR
INSTALLATION OF TREE PROTECTION AND SILT BARRIERS UP TO HOLLY STREET	/						
CLEAR AND GRUB UP TO HOLLY STREET	/						
LIFT STATION AND PIPE INSTALLATION UP TO HOLLY STREET		/					
GRASSING* UP TO HOLLY ST.		/					
INSTALLATION OF TREE PROTECTION AND SILT BARRIERS HOLLY ST. TO WALNUT ST.			/				
CLEAR AND GRUB HOLLY ST. TO WALNUT ST.			/				
PIPE INSTALLATION HOLLY ST. TO WALNUT ST.				/			
GRASSING* HOLLY ST. TO WALNUT ST.				/			
INSTALLATION OF TREE PROTECTION AND SILT BARRIERS WALNUT ST. TO HICKORY RD.					/		
CLEAR AND GRUB WALNUT ST. TO HICKORY RD.					/		
PIPE INSTALLATION WALNUT ST. TO HICKORY RD.						/	
GRASSING* WALNUT ST. TO HICKORY RD.						/	
INSTALLATION OF SILT BARRIERS WALNUT STREET TO PALM STREET							/
PIPE INSTALLATION WALNUT ST. TO PALM ST.							/
GRASSING* WALNUT ST. TO PALM ST.							/
LIFT STATION START UP							/

\* TEMPORARY GRASSING TO BE SOWN WITHIN 7 DAYS OF INITIAL LAND DISTURBANCE.

NOTE: CONTRACTOR WILL HAVE ALL PERIMETER BEST MANAGEMENT PRACTICES (BMP'S) INSTALLED PRIOR TO ANY GROUND CLEARING ACTIVITIES. BMP'S WILL BE MAINTAINED DURING THE ENTIRE CONSTRUCTION PHASE OF THE PROJECT.

**ATKINS**

192 Anderson Street, Suite 150  
Marietta, Ga 30060  
P: 770-422-1902 F: 770-426-5316

REVISION	DATE
1	10-14-13
2	11-16-13
3	12-23-13
4	12-23-13
5	04-07-14

CHEROKEE COUNTY WATER & SEWERAGE AUTHORITY  
HOLLY SPRINGS  
DOWNTOWN SANITARY SEWER SYSTEM

**VICINITY MAP, GENERAL NOTES & DRAWING INDEX**

SHEET NO.  
**G-01**

File Name: S:\CHEROKEECOMSA\PROJECTS\100034005 HOLLY SPRINGS SEWER\15\_PLANS\GENERAL NOTES.DWG Tab: G-1 Plotted: August 06, 2014 7:55am