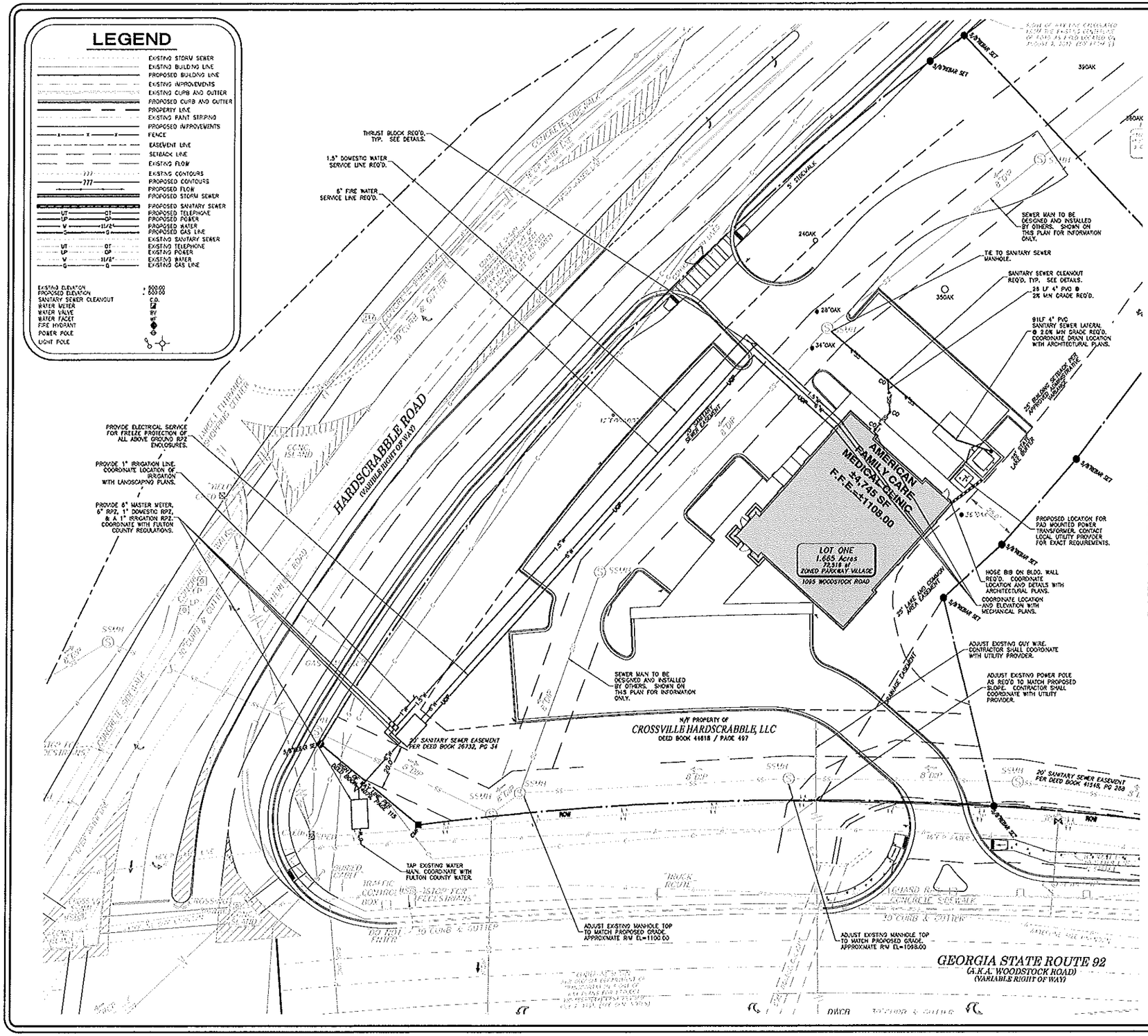

UTILITY NOTES
1. Contractor is cautioned that all utilities on site may not be shown and the utilities shown are approximate.
2. The minimum vertical clearance between water supply lines and sanitary sewer lines is 2 feet.
3. For all domestic water services, fire protection, sanitary sewer, gas, telephone, and power entrances to the building, refer to appropriate plans in architectural drawings for exact locations and invert elevations. Field modify locations shown, if required.
4. All utility trenches shall backfilled with suitable fill and compacted per ASTM D-698 to 98% the maximum dry density within 2% of optimum moisture content in 8" loose lifts.
5. Where unsuitable soils are encountered for bedding or backfilling purposes, soil or a well graded stone shall be used to bed and backfill the utility.
6. Sanitary Sewer pipe may be Class 150 C-900 PVC or Class 52 DIP, or as noted on plan.
7. Water services shall be Ductile Iron pipe class 350 for 3" and greater; type K copper for all pipe less than 3".
8. All fittings shall be mechanical joint type.
9. Contractor shall maintain 3 feet minimum cover on water lines.
10. Backflow prevention shall be provided by the contractor on domestic water service, irrigation, and fire protection systems in accordance with the Fulton County Public Works requirements, specifications and procedures.
11. The contractor is responsible paying all utility fees incurred as associated with tapping to the main.
12. The contractor shall be responsible for completing all water, gas, electric, telephone services from the point the utility service completes their work to the point of service at the building.
13. Existing overhead utility structures and proposed overhead utility extensions to be constructed by the utility authority shall retain the minimal horizontal and vertical separation as required by the governing authority. The contractor shall uphold the utility authority's minimal separation requirements and verify that all proposed utilities have sufficient clearance prior to installation. In the event a conflict occurs the contractor shall install the proposed utility as required to be in conformance with the utility authority's requirements and make a record of the change on the as-built drawings.
14. Refer to Site Electrical Plans (provided by others) for proposed light pole locations and electrical service route.

FULTON COUNTY WATER DISTRIBUTION NOTES:
Water service is provided by Fulton County.
A. All water lines upon acceptance shall become the property of Fulton County.
B. Water valve markers shall be placed at all locations where water valves are not in the streets. Water valves that are in the street will be clearly marked on the curb.
C. The issuance of these plans does not in any way imply that sewer taps for Building Permits will be issued.
D. All construction methods and materials used in the Fulton County Water System must be made of Ductile Iron, and comply in respect to ANSI/AWWA21.11/C111-65 Standard Specifications. Pipe that do not meet the specifications in all respects will not be accepted. (Class 50 DI. P.)
E. Lot Grass will be clearly identified and marked on top of curbs before the water main is installed.
F. Conduit across the road, for installation of water services, is to be installed by the developer prior to paving. Material for conduit shall be PVC pipe or approved alternate and is to be installed 3 feet below final grade.
G. Inspector must be notified 24 hours before construction begins.
H. Thrust blocking will be used at all bends, plugs, tees, and fire hydrants.
I. Any changes to the water drawings must be approved by Fulton County.
J. All lines 6" diameter or greater must be pressure tested at 250 psi for a minimum of two (2) hours.
K. Non residential subdivisions, the water tap, laterals, and meter boxes will be installed by the developer per current Fulton County specifications.

FULTON COUNTY WASTEWATER NOTES:
A. All wastewater pipe construction shown on these plans must conform to Fulton County's Standards and specifications, including Sanitary Sewer Regulations latest copy.
B. As-built drawings and maintenance bond(s) must be submitted are required prior to inspection and acceptance.
C. Neoprene couplings with stainless steel bands and shear rings are required for joining different types of sanitary sewer pipes.
D. Low pressure air testing required for all wastewater pipe systems. This test must meet all requirements as outlined in ASTM C\-80 or current revision. A Fulton County Inspector must be present during testing.
E. Issuance of this permit does not in any way imply that wastewater taps for building permits will be issued. Contact the Department of Public Works at (404) 730-for further information.
F. Contractor to field verify the locations and invert elevations of wastewater pipes for a connection to existing wastewater systems.
G. Notify Inspector 24-hours prior to construction.
H. USF 7835 Box required for cleanouts in paved area
I. Compaction of the back fill of all trenches shall be compacted to 90% Standard Proctor density. Backfill material shall be free from roots, stumps, or other foreign debris, and shall be placed at or near optimum moisture. Correction of any trench settlement within a year from the date of approval will be the responsibility of the contractor.
J. For all projects containing PVC wastewater pipes:
1. Pipe shall be ASTM3034, SDR35 in 12.5 foot laying lengths with elastomeric sealed joints in accordance with ASTM03212.
2. Pipe bedding shall be #57, sharp, angular, crushed stone. Bedding shall extend a minimum of 4" below the pipe and extend to the top of the pipe. The bedding shall be compacted by "rodding with a flat shovel". The width of the ditch must be in accordance with OSHA Safety Standards.
3. Initial backfill: After bedding, complete initial backfill with #57 stone. If no rock is encountered, initial backfill shall extend to a height 6" above of the top of the pipe, otherwise initial backfill shall extend to 12" above the top of the pipe.
4. Fittings for lateral connections shall be 45° WYES and bends. Provide PVC pipe stoppers for each lateral. Provide special water tight connections at manholes and transitions to ductile iron pipe as recommended by the pipe manufacturer.
5. After installation a deflection test is required. Initial deflection shall be limited to 5% of the undeflected diameter. A second test shall be made at least 8 months after the installation but before final acceptance. At that time deflection shall be limited to 5% of the undeflected diameter.

NO.	REVISIONS DESCRIPTION	DATE
0	ISSUED FOR APPROVAL	05/09/13

TITLE: SITE UTILITY PLAN

AMERICAN FAMILY CARE
HARDSCRABBLE ROAD
ROSWELL, GEORGIA

AMERICAN FAMILY CARE
HOOVER, ALABAMA

DWN. BY: T. SMITH, E.I.T. | CHK. BY: D. HARRIS, P.E. | SCALE: 1"=20' | DATE: 3/20/13

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5/10/13

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PROJECT 12AFC12

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