GENERAL NOTES:

1) ALL SPOT ELEVATIONS SHOWN ARE AT THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

2) ALL PROPOSED SIDEWALKS SHALL BE BUILT WITH A 1.5% CROSS-SLOPE AWAY FROM THE BUILDING.

3) ALL HEAD WALL SECTIONS SHALL BE CONSTRUCTED TO BE FLUSH WITH THE EXISTING DITCH BANK AND PROPOSED EMBANKMENT SLOPES.

SITE NOTES:

1) THE CONTRACTOR SHALL CLEAN OUT ACCUMULATED SILT IN STORM WATER CONVEYANCE CHANNELS AND PIPES AT END OF CONSTRUCTION WHEN DISTURBED AREAS HAVE BEEN STABILIZED.

2) COORDINATE WITH ATHENS-CLARKE COUNTY INSPECTIONS DURING CONSTRUCTION.

3) NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL SITE IMPROVEMENTS HAVE BEEN COMPLETED.

4) CONSTRUCT EROSION CONTROL BARRIERS PER ATHENS-CLARKE COUNTY INSPECTOR AND MAINTAIN UNTIL PERMANENT VEGETATION IS ESTABLISHED.

5) THE CONTRACTOR SHALL RE-ESTABLISH ALL RIGHT OF WAY AREA WHICH IS DAMAGED OR DISTURBED TO ORIGINAL CONDITIONS OR BETTER DURING AUTHORIZED WORK. ALL WORK IN ATHENS-CLARKE COUNTY RIGHT OF WAY SHALL COMPLY WITH GDOT SPECIFICATIONS.

6) ALL CURBED LANDSCAPE ISLANDS SHALL BE FILLED TO TOP OF CURB WITH TOPSOIL AND SEEDED.

7) MAXIMUM CUT OR FILL SLOPES IS 2H:1V

8) TREE PROTECTION FENCE SHALL BE INSTALLED PRIOR TO ANY CLEARING OR GRADING ACTIVITIES.

9) ALL PLASTIC STORM PIPE SHOWN ON THIS PLAN SHALL BE WRAPPED WITH LOCATION WIRE AND TAPE.

10) ALL CMP STORM PIPE SHALL BE TYPE 2 ALUMINIZED. ALL HDPE SHALL BE AASHTO TYPE "S" AND SHALL BE INSTALLED IN ACCORDANCE TO ASTM D2321 OR AASHTO SECTION 30 STANDARD PRACTICES AND AS RECOMMENDED BY THE MANUFACTURER. ALL RCP STORM PIPE SHALL BE CLASS III.

11) IN ALL AREAS OF FILL OR OTHERWISE DISTURBANCE OF EXISTING CONDITIONS, UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL FULLY AND COMPLETELY REMOVE AND LEGALLY DISPOSE OFF-SITE: ALL PLANT MATERIALS INCLUDING BUT NOT LIMITED TO ROOT SYSTEMS, CONCRETE, REINFORCED CONCRETE, ASPHALT DEBRIS, UNDERBRUSH, TOPSOIL, AND OTHER DELETERIOUS MATERIAL. THE SUBGRADE TO REMAIN SHALL BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY FOLLOWING FULL REMOVAL OF THESE MATERIALS.

12) REFER TO SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION REPORTS AS PROVIDED BY OWNER FOR RECOMMENDATIONS ASSOCIATED WITH: GENERAL SITE PREPARATION, BUILDING PAD PREPARATION, SUBGRADE PREP, AREAS TO RECEIVE FILL, AREAS TO BE OVEREXCAVATED, PAVEMENT SECTIONS, FILL SLOPES AND EXCAVATION. THE CONTRACTOR SHALL HAVE THIS REPORT ON THE JOB SITE FOR REFERENCE AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE EARTHWORK OPERATIONS AND CONSTRUCTION PHASE MONITORING TO ENSURE THAT ALL COMPACTION IS COMPLETED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL PROVIDE TESTING REPORTS TO THE OWNER REGARDING COMPACTION TESTING PER THE TESTING PROTOCOL IN THE GEOTECHNICAL REPORT.

13) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN QUALIFIED PROFESSIONAL ADVICE WHEN QUESTIONS ARISE CONCERNING DESIGN AND EFFECTIVENESS OF EROSION CONTROL DEVICES. **24 HR. CONTACT: DAVID STONIECKI (770) 368-1399**

14) NO PORTION OF THIS PROPERTY LIES WITHIN A SPECIAL FLOOD HAZARD AREA PER PANEL 13059C0013TE DATED SEPTEMBER 9TH, 2016

15) EROSION CONTROL MEASURES ARE TO BE ACCOMPLISHED PRIOR TO ANY OTHER CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.

16) EXTREME CAUTION SHALL BE USED WHEN WORKING WITHIN THE VICINITY OF THE EXISTING OVERHEAD POWER LINES. CONTRACTORS SHALL NOTIFY/COORDINATE WITH JACKSON EMC PRIOR TO CONSTRUCTION.

17) AN APPROVED STORMWATER MANAGEMENT FOR THIS DEVELOPMENT HAS BEEN APPROVED BY ATHENS-CLARKE COUNTY. ON-SITE STORMWATER INFRASTRUCTURE WILL CONNECT TO AN EXISTING 18-INCH STORM SEWER AS SHOWN ON THE PLANS. IT IS UNDERSTOOD THAT THE EXISTING STORM SEWER CONVEYANCE AND TREATMENT SYSTEM WAS DESIGNED FOR THE PROPOSED DEVELOPMENT INDICATED IN FIGURE 3, "ON-SITE DRAINAGE AREAS MAP", IN A HYDROLOGY STUDY FOR 29 NORTH COMMERCIAL SUBDIVISION, DATED 09/24/2014 BY BEALL & COMPANY.

18) CONTRACTOR SHALL INSTALL DOWNSTREAM STORM PIPE CONNECTION IN THE RIGHT-OF-WAY PRIOR TO INSTALLATION OF ON-SITE STORM PIPING AND/OR STORM WATER DETENTION FACILITY. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES SHOWN ON THE PLANS BY POT HOLING THE LINES. THE CONTRACTOR SHALL HAVE THE LINES SURVEYED, INCLUDING HORIZONTAL AND VERTICAL LOCATION, AND THE SURVEYED POINTS SENT TO THE PROJECT ENGINEER TO DETERMINE IF ANY UTILITY CONFLICTS WILL AFFECT THE CURRENT STORM DRAINAGE DESIGN.

19) PROPOSED STORM SEWER CONNECTION TO EXISTING CATCH BASIN SHALL BE IN ACCORDANCE WITH THE ACC TRANSPORTATION AND PUBLIC WORKS DEPARTMENT'S STANDARDS AND PRACTICES. THE ENTIRE BOX SHALL BE REPLACED IF DAMAGED.

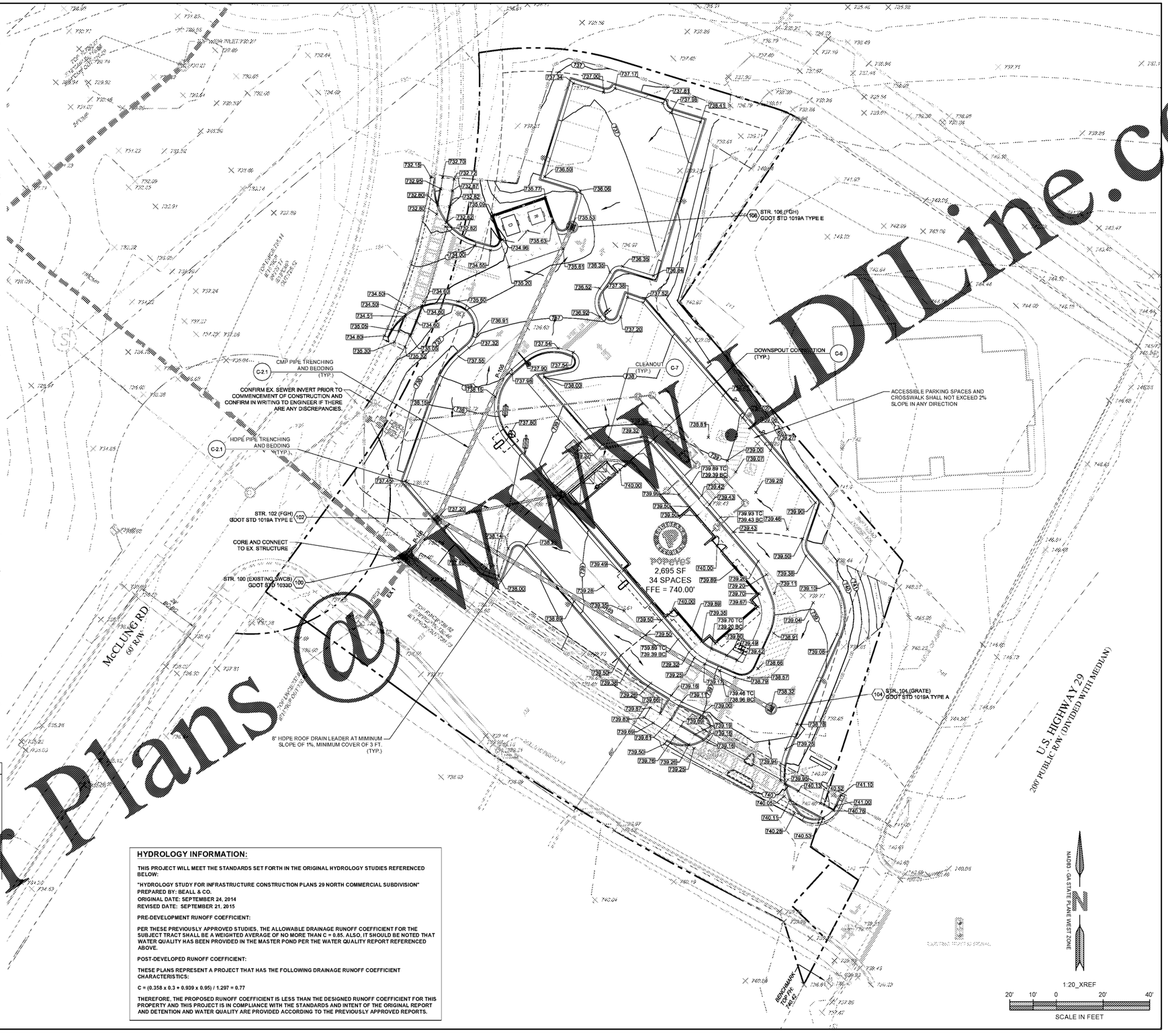
20) ALL DAMAGE TO EXISTING ROADWAY INFRASTRUCTURE DETERMINED BY THE PUBLIC WORKS INSPECTOR TO BE ASSOCIATED WITH CONSTRUCTION OF THIS PROJECT SHALL BE SATISFACTORILY REPAIRED PRIOR TO ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY OR RELEASE OF ANY IMPROVEMENT BOND.

21) CONSTRUCTION FENCING SHALL NOT ENCROACH ANY ROADWAY PAVEMENT, INCLUDING CURB AND GUTTER.

22) ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH TRANSPORTATION & PUBLIC WORKS TECHNICAL STANDARDS, AS WELL AS THE AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN.

23) AN AS-BUILT SURVEY OF THE COMPLETE STORM SEWER AND STORMWATER MANAGEMENT SYSTEM, DEMONSTRATING IT WAS BUILT AND WILL FUNCTION ACCORDING TO DESIGN, AND CERTIFIED BY A PROFESSIONAL ENGINEER, IS REQUIRED AND MUST BE APPROVED PRIOR TO THE RELEASE OF ANY CERTIFICATE OF OCCUPANCY.

24) THE PUBLIC WORKS INSPECTOR MUST BE NOTIFIED 24 HOURS IN ADVANCE OF ANY STORMWATER MANAGEMENT FACILITY CONSTRUCTION OR INSTALLATION.



LEGEND

XXX	EXISTING CONTOURS
XXXX	PROPOSED CONTOURS
	EXISTING STORM PIPE
	PROPOSED STORM PIPE
XXX.XX	EXISTING SPOT ELEVATION
XXXX.XX	PROPOSED SPOT ELEVATION

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HYDROLOGY INFORMATION:

THIS PROJECT WILL MEET THE STANDARDS SET FORTH IN THE ORIGINAL HYDROLOGY STUDIES REFERENCED BELOW:

"HYDROLOGY STUDY FOR INFRASTRUCTURE CONSTRUCTION PLANS 29 NORTH COMMERCIAL SUBDIVISION"
PREPARED BY: BEALL & CO.
ORIGINAL DATE: SEPTEMBER 24, 2014
REVISED DATE: SEPTEMBER 21, 2015

PRE-DEVELOPMENT RUNOFF COEFFICIENT:

PER THESE PREVIOUSLY APPROVED STUDIES, THE ALLOWABLE DRAINAGE RUNOFF COEFFICIENT FOR THE SUBJECT TRACT SHALL BE A WEIGHTED AVERAGE OF NO MORE THAN C = 0.85. ALSO, IT SHOULD BE NOTED THAT WATER QUALITY HAS BEEN PROVIDED IN THE MASTER POND PER THE WATER QUALITY REPORT REFERENCED ABOVE.

POST-DEVELOPED RUNOFF COEFFICIENT:

THESE PLANS REPRESENT A PROJECT THAT HAS THE FOLLOWING DRAINAGE RUNOFF COEFFICIENT CHARACTERISTICS:

C = (0.358 x 0.3 + 0.939 x 0.95) / 1.297 = 0.77

THEREFORE, THE PROPOSED RUNOFF COEFFICIENT IS LESS THAN THE DESIGNED RUNOFF COEFFICIENT FOR THIS PROPERTY AND THIS PROJECT IS IN COMPLIANCE WITH THE STANDARDS AND INTENT OF THE ORIGINAL REPORT AND DETENTION AND WATER QUALITY ARE PROVIDED ACCORDING TO THE PREVIOUSLY APPROVED REPORTS.

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FORESITE GROUP
Foresite Group, LLC.
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f | 770.368.1944

DEVELOPER:
CSC PROPERTIES, LLC.
5795 ULMERTON RD.
CLEARWATER, FL 33760
CONTACT: DEREK OBERSCHALL

PROJECT:
POPEYES LOUISIANA KITCHEN
130 MCCLUNG RD
ATHENS, GA
GMD 219
PARCEL #:154038N,

SEAL:
GEORGIA REGISTERED No. PE037629 PROFESSIONAL ENGINEER DAVID M. STONIECKI
03/05/18

REVISIONS	DATE
JURISDICTIONAL COMMENTS	03-05-2018

PROJECT MANAGER:	DMS
DRAWING BY:	JAM
JURISDICTION:	ATHENS-CLARKE COUNTY, GA
DATE:	2017-11-01
SCALE:	1" = 20'
TITLE:	

GRADING & DRAINAGE PLAN

SHEET NUMBER:
C-2

COMMENTS:
NOT RELEASED FOR CONSTRUCTION

JOB/FILE NUMBER:
930.007