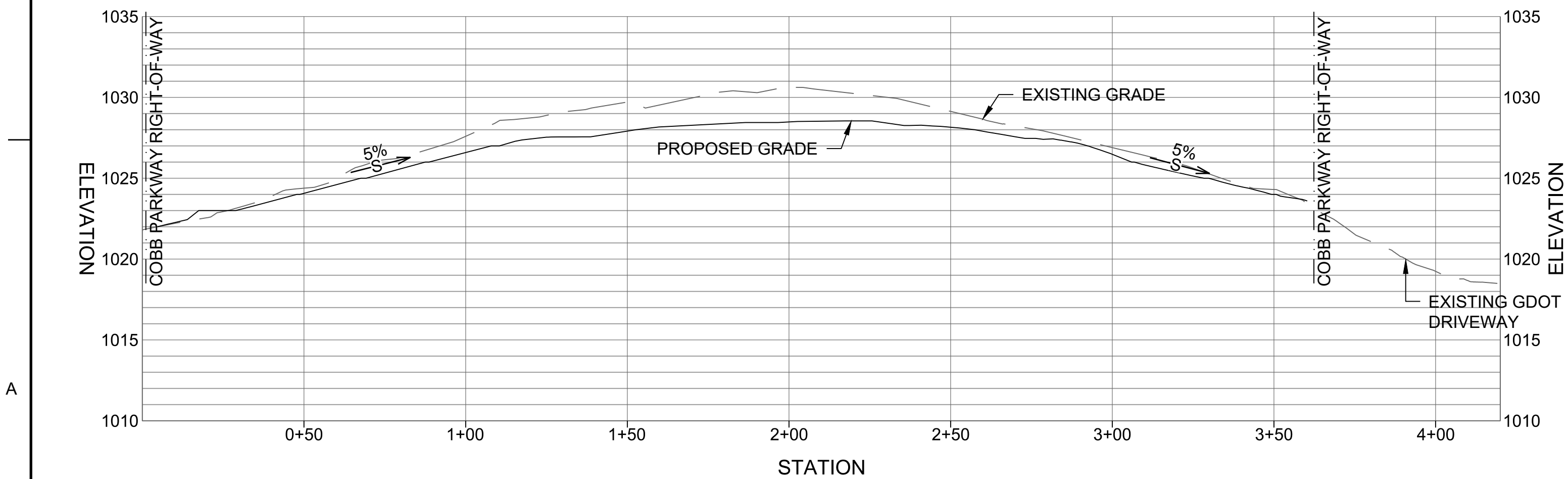
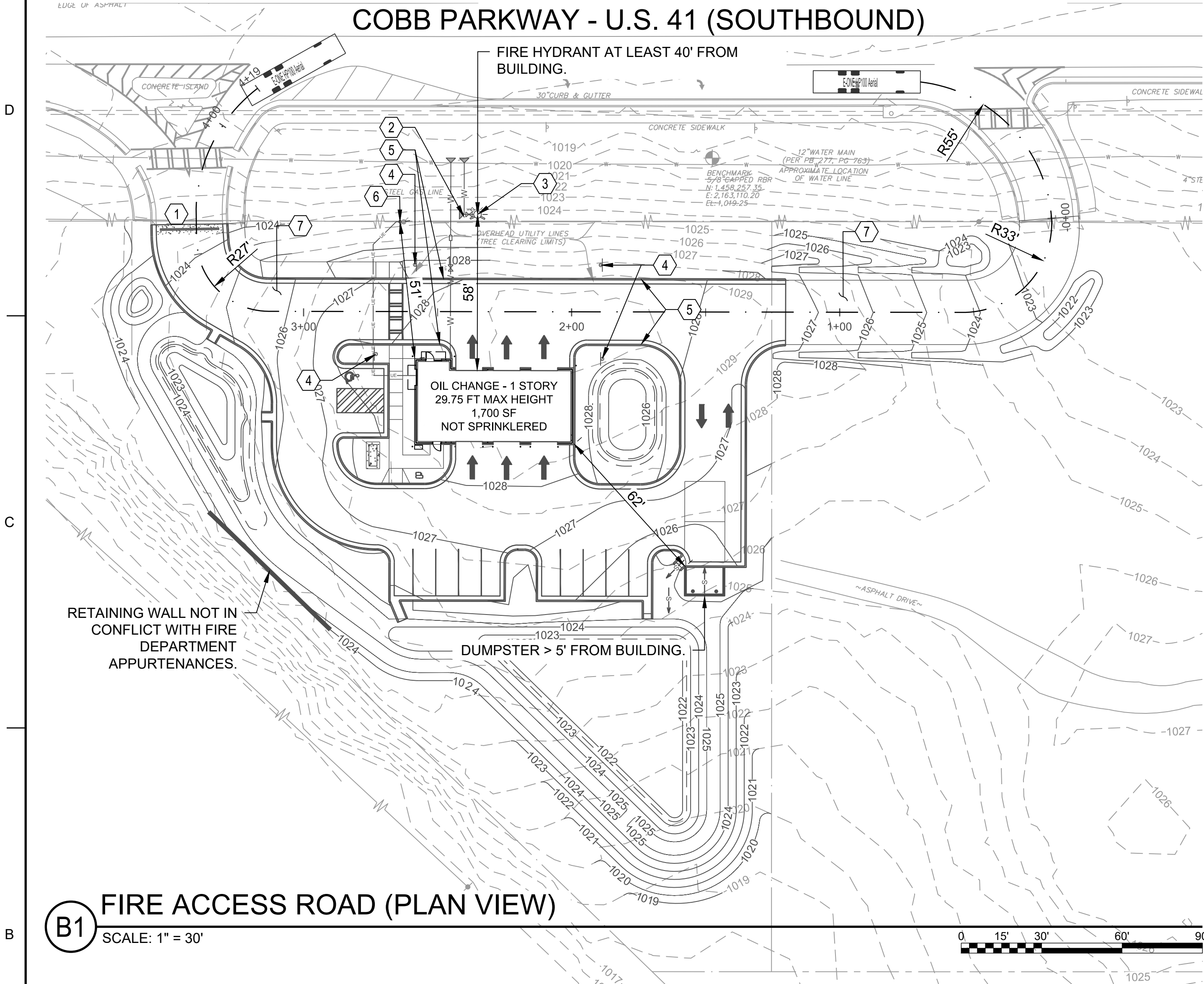


FILE NAME: X:\FY21\121028904.CAD_BIM\04.02.CAD\G-100.dwg PLOTTED: Monday, December 06, 2021

COBB COUNTY FIRE MARSHALL # SPR-2021-K007



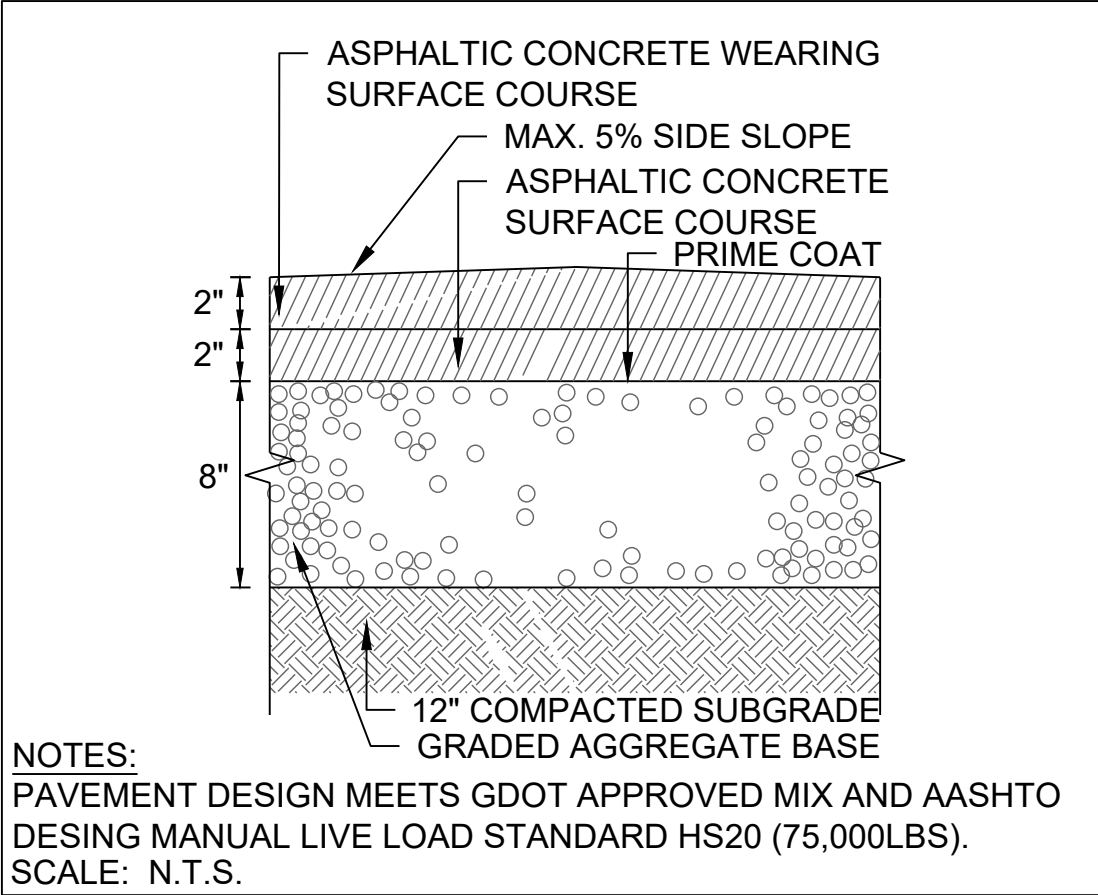
GENERAL SHEET NOTES

- REFER TO SHEETS C-001 FOR CIVIL GENERAL NOTES AND C-002 FOR CIVIL LEGENDS AND ABBREVIATIONS.
- THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
- ASPHALT PAVEMENT DETAIL SHOWN HEREON REQUESTED BY REVIEWER. SITE / GRADING / UTILITY PLAN(S) AND DETAIL(S) SHALL BE REFERENCED AND ARE TO TAKE PRECEDENT . .
- REFERENCE G-501 FOR FIRE FLOW TEST RESULTS.

SHEET KEYNOTES

- FIRE ACCESS LANE - 24' WIDE AND WITHIN 150' OF FACILITY. AUTO-TURN DESIGN VEHICLE: HS-20 / E-ONE HP 100
- FIRE WATER SUPPLY LINE (SEE CU101 FOR ADDITIONAL INFORMATION).
- FIRE HYDRANT DETAIL WITH CONTROL VALVE (SEE DETAIL CU101 FOR ADDITIONAL INFORMATION).
- FIRE LANE NO PARKING SIGN (SEE CS101 FOR ADDITIONAL INFORMATION).
- FIRE LANE NO PARKING RED PAINTED CURB (SEE CS101 FOR ADDITIONAL INFORMATION).
- PROPOSED PHASE 1 POLE-MOUNTED TRANSFORMER (SEE CU101 FOR ADDITIONAL INFORMATION).
- FIRE ACCESS ROAD ASPHALT PAVEMENT (SEE CS101 FOR ADDITIONAL INFORMATION).

FIRE ACCESS ROAD ASPHALT PAVEMENT:



FIRE ACCESS ROAD ASPHALT PAVEMENT



VICINITY MAP
SCALE: NTS

POND

3500 Parkway Ln, Ste. 500
Peachtree Corners, GA 30092
Phone 678.336.7740

REGISTERED PROFESSIONAL ENGINEER

KEVIN D. HENDRIX

Copyright © 2021 by Pond & Company All rights reserved. No copying or duplication of these documents is allowed without the express written permission of Pond & Company.

MARK	DATE	DESCRIPTION
1	11/22/2021	REVISED SANITARY SEWER ROUTE AND ACCESS ROAD ROUTE.

DESIGNED BY:	FILE NO.:	DATE:
FILE NO.:	FILE NO.:	12/06/2021

DESIGNED BY:	FILE NO.:	DATE:
FILE NO.:	FILE NO.:	12/06/2021

N3 PROPERTY ADVISORS, LLC
FIRE ENGINEERING COMPANY

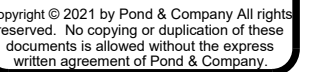
POND


3500 Parkway Ln, Ste. 500
Peachtree Corners, GA 30092
Phone (678) 336-7740
Fax (678) 336-7741
JOB NO. 1210289

2155 COBB PARKWAY LOT 1

FIRE ACCESS CODE COMPLIANCE PLAN

SHEET IDENTIFICATION
G-101

[illegible]

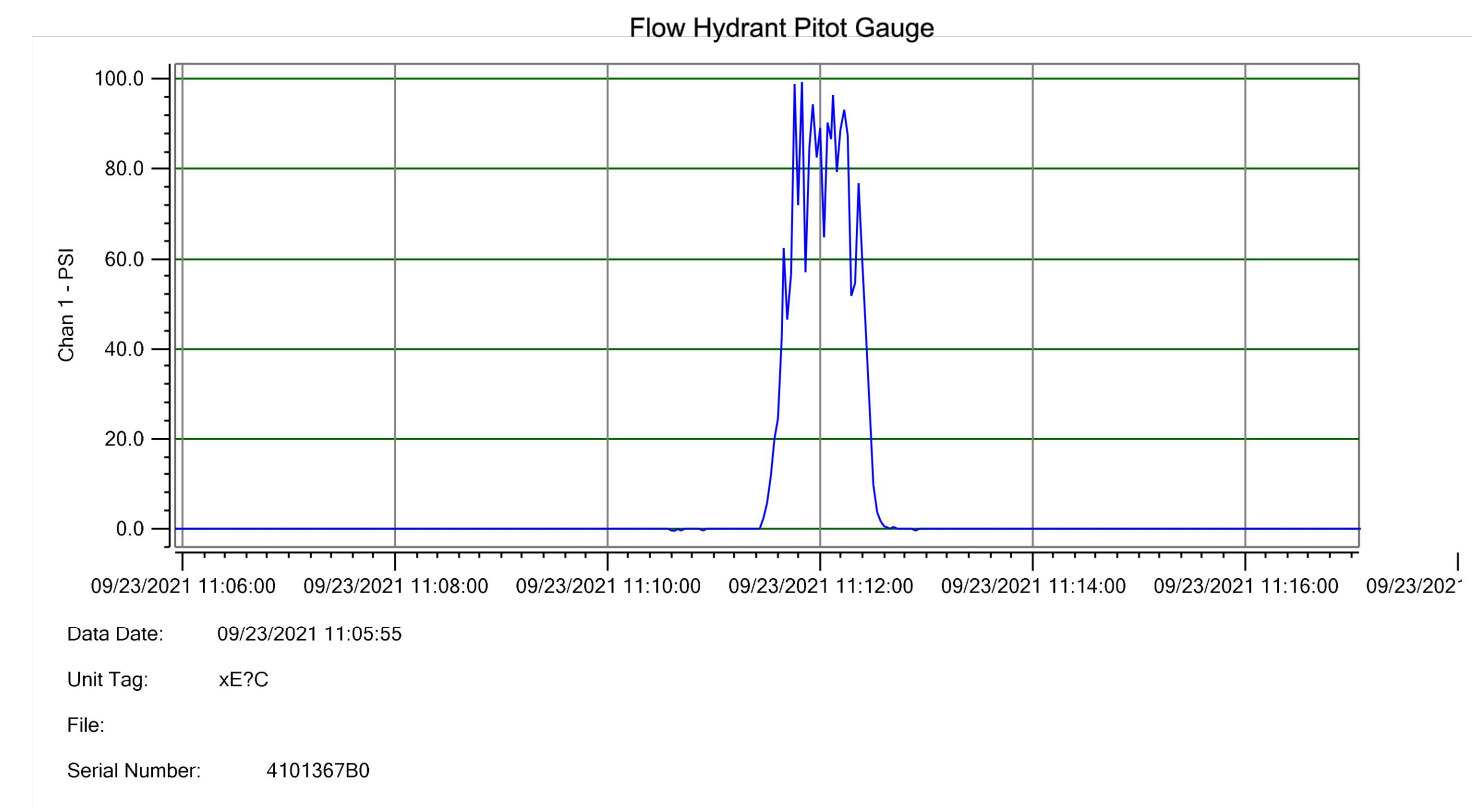
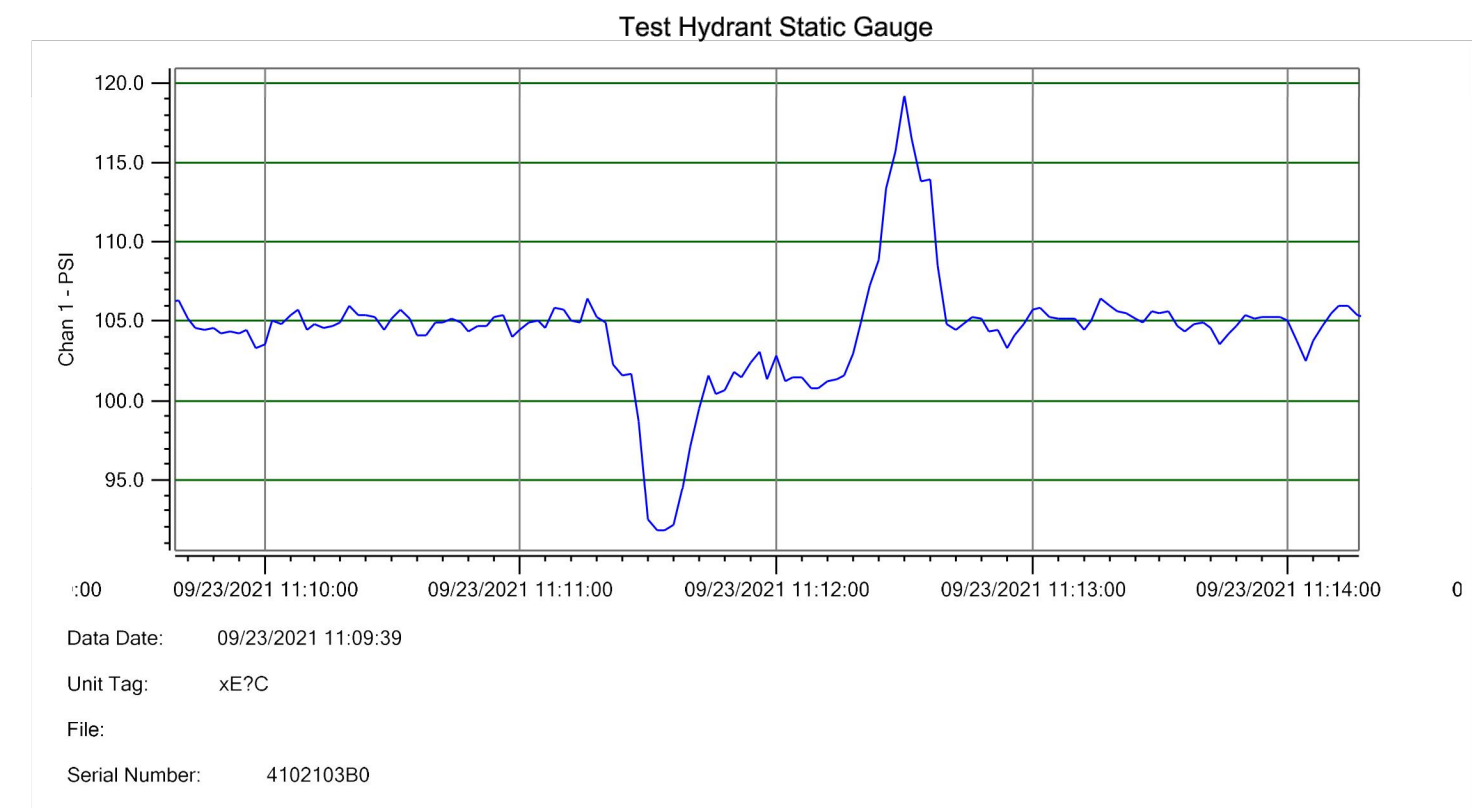
N3 PROPERTY ADVISORS, LLC FIRST AMERICAN TITLE INSURANCE COMPANY	 10000 Highway 40 Piquette, Georgia, USA 30092 Tel: (770) 336-7744 Fax: (770) 336-7744 JCR NO. 1210369	ORDERED BY:	PLOT NO.:	
		DWN BY:	SOLICITATION NO.:	
		MR	-	
		CBY:	CONTRACT NO.:	
		ML	-	
		SUBMITTED BY:	FILE NUMBER:	
		-	-	
		PLOT SCALE/ PLOT DATE:	FILE NAME:	
		AS SHOWN 9/27/2021	-	
		SIZE:	FILE NAME:	
		22' X 34'	3-500 DWG	

FIRE FLOW TEST RESULTS

SHEET
IDENTIFICATION
G-501



Test hydrant represents hydrant where static and residual pressures were measured. Flow hydrant represents hydrant where flow and pitot pressure were measured.



Water flowed during test:
1,574 gpm x (11:12:30 - 11:11:36) = 1,417 gallons

September 23, 2021

RE: Fire Hydrant Test Results for Ellison Lakes Boulevard, City of Cobb County, Georgia

Dear Mr. Hendrix:

On Thursday, September 23, 2021, Civil Engineering Consultants, Inc. (CEC) performed one (1) fire hydrant flow test for Ellison Lakes Boulevard in Cobb County, Georgia. The results of the test are given in the table below.

Flow Test Summary – Fire Hydrant #1

Location: <u>Ellison Lakes Boulevard (See attached)</u>	Water System Owner: <u>Cobb County</u>
Date and Time of Test: <u>09-23-21 @ 11:05 AM</u>	Water Main Size: <u>N/A</u>
Witness: <u>N/A</u>	
Static Pressure (@ Test FH): <u>105 psi</u>	Size Nozzle: <u>1 @ 2.5"</u>
Residual Pressure (@ Test FH): <u>92 psi</u>	Pitot Pressure (@ Flow FH): <u>88 psi</u>
Flow (@ Flow FH): <u>1,574 gpm</u>	Flow @ 20 psi at source: <u>4,199 gpm</u>
Water flowed during test: <u>1,417 gallons</u>	
Test Conducted by: Scott Madsen, Civil Engineering Consultants, Inc.	

The flows at 20 psi represent a decreased Hydraulic Grade Line (HGL) of 5 psi to simulate periods of high sustained demand. Please call with any questions.

Very truly yours,
CIVIL ENGINEERING CONSULTANTS, Inc.

Charles R. Longin

Andrew E. Lovejoy, P.E.
President

Enclosures: Site Sketch
Data Logger

Ellison Lakes Boulevard Cobb County FF Test Verifications 09-23-2021

4994 Lower Roswell Road, Suite 18 • Marietta, Georgia 30068 • (770) 977-5747 • www.cec.engineering

