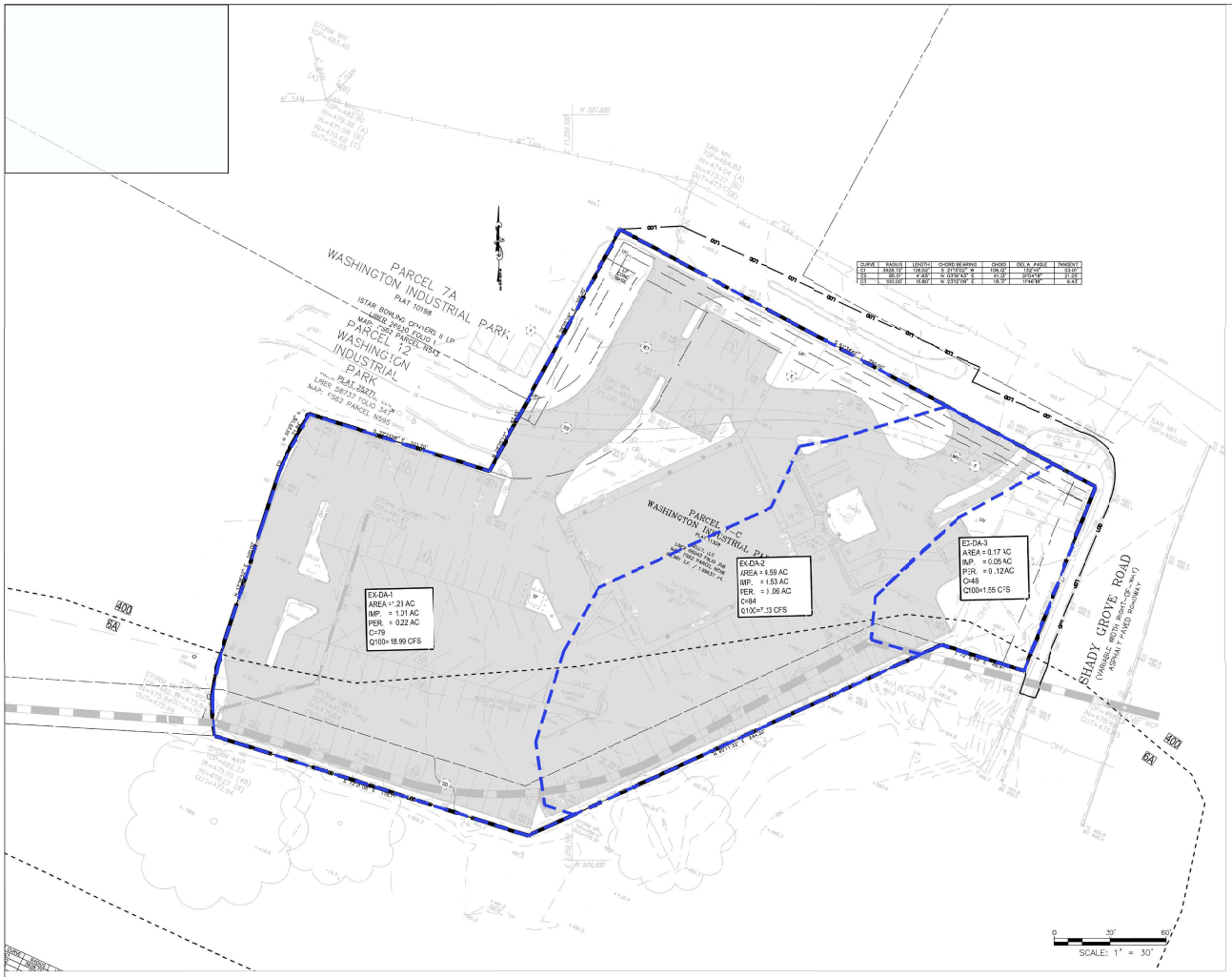
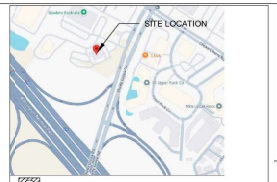


CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA ANGLE	TANGENT
C1	3928.72'	104.02'	N 21°23'00" W	104.02'	1°30'46"	52.01'
C2	65.00'	4'.45'	N 03°00'43" E	41.33'	37°04'58"	21.25'
C3	100.00'	18.80'	N 23°07'09" E	18.78'	11°46'58"	9.43'

EXISTING DRAINAGE AREA MAP

SN.	DRAINAGE AREA LABEL	INLET	TOTAL ARIA (AC)	IMPERVIOUS AREA (AC)	MANAGED TURF AREA (AC)	C	Tc (Min.)	2 YEAR-INTENSITY (IN/HR)	10 YEAR-INTENSITY (IN/HR)	Q2= CIA (CFS)	Q10= CIA (CFS)	REMARKS
1	DA-1		0.948	0.764	0.184	0.78	5	4.93	6.56	3.69	4.91	
2	DA-2		0.670	0.619	0.051	0.85	5	4.93	6.56	2.85	3.79	
3	DA-3		0.369	0.214	0.155	0.55	5	4.93	6.56	1.19	1.58	
	TOTAL		1.987	1.597	0.390					7.73	10.28	



LEGEND

- PROPERTY LINE
- SOIL DIVIDE LINE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING CURB
- PROPOSED CURB
- EXISTING WATER
- PROPOSED WATER
- PROPOSED SEWER
- PROP STORM DRAIN
- PROPOSED TELEPHONE
- PROPOSED ELECTRIC
- PROPOSED GAS
- PROPOSED LOD
- EXISTING DRAINAGE AREA
- EXISTING IMPERVIOUS AREA

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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO.20000, EXPIRATION DATE: APRIL 06, 2027.

No.	DATE:	REVISIONS

PROJECT INFORMATION:
15700 SHADY GROVE ROAD
GAITHERSBURG, MD 20877

APPLICANT INFORMATION:
DASH IN FOOD STORES INC
102 CENTENNIAL STREET
LA PLATA, MD 20646

OWNER'S NAME:
GELLY LLC
RED LOBSTER PROP TAX
450 S ORANGE AVE STE 800
ORLANDO FL 32801

DRAWING TITLE:
EXISTING DRAINAGE AREA MAP

AREA: 86,937 SF
=1.995 AC

SCALE: AS SHOWN

PROJECT MANAGER:
BP

DRAWN BY: GSD
DATE: NOV 2025

CHECKED BY: PR
ACC. ID# 01519300
PARCEL: FS62-0000-N598

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DRAWING NO.
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