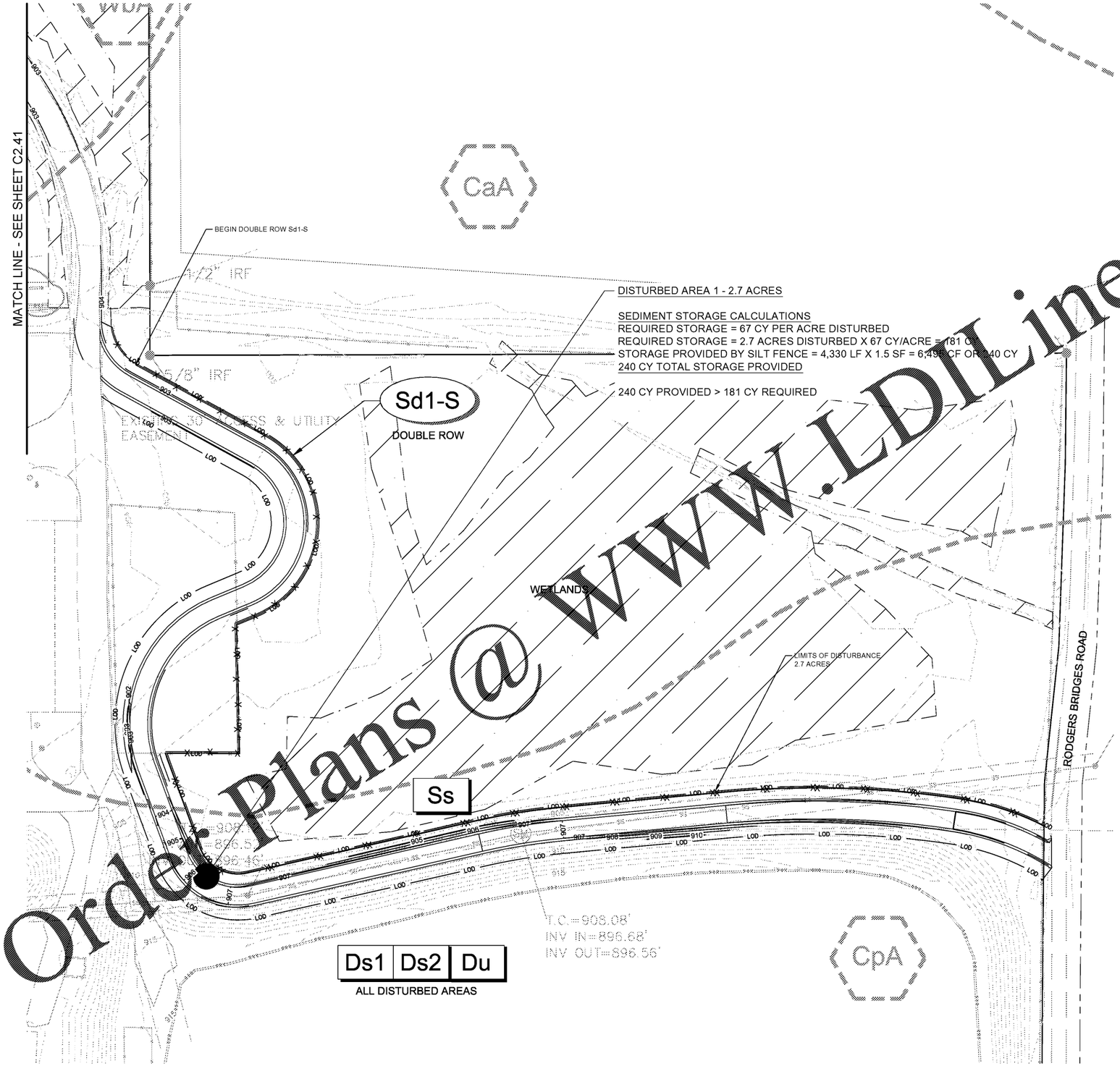

DISTURBED AREA 1 - 2.7 ACRES

SEDIMENT STORAGE CALCULATIONS
REQUIRED STORAGE = 67 CY PER ACRE DISTURBED
REQUIRED STORAGE = 2.7 ACRES DISTURBED X 67 CY/ACRE = 181 CY
STORAGE PROVIDED BY SILT FENCE = 4,330 LF X 1.5 SF = 6,495 CF OR 240 CY
240 CY TOTAL STORAGE PROVIDED

240 CY PROVIDED > 181 CY REQUIRED

LEGEND:

LOD	LIMITS OF DISTURBANCE
	SOIL TYPE LINE
969	EXISTING MINOR CONTOUR
970	EXISTING MAJOR CONTOUR
969	PROPOSED MINOR CONTOUR
970	PROPOSED MAJOR CONTOUR
	PROPOSED OUTLET PROTECTION
	PROPOSED STORMWATER PIPE
	PROPOSED FLARED END SECTION
	PROPOSED STORMWATER SWALE
	PROPOSED GUARD RAIL
	PROPOSED SIGNAGE
	EXISTING OVERHEAD POWERLINE
	PROPOSED HEAVY DUTY ASPHALT
ST	EXISTING STORM LINE
	PROPOSED STORM LINE
X	PROPOSED SILT FENCE

Co	CONSTRUCTION EXIT		A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Sd1	SEDIMENT BARRIER		A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	Ds1	Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
Du	DUST CONTROL ON DISTURBED AREAS	Du	Controlling surface and air movement of dust on construction site, roadways and similar sites.

Order Plans @ WWW.LDILine.com

CHRISTOPHER L. RAINS, P.E.
GA P.E. #: 34678
LEVEL II#: 0000002916
EXPIRES: 10/05/2020

811 Know what's below Call before you dig. 811 www.call811.com

N

PERMIT NUMBERS:

PARCEL ID:

FEMA PANEL:
PANEL NO. 13121 C0092G
EFFECTIVE DATE: 09/18/2013

DATUM:

BENCHMARK:

40' 20' 0' 40' 80'
SCALE: 1 INCH = 40 FEET

BARGE DESIGN SOLUTIONS
2839 Paces Ferry Road / Suite 850 / Atlanta, GA 30339
PHONE (770) 628-7631 / FAX (770) 805-0903

Johns Creek be the exception

GEORGIA REGISTERED No. 34678 PROFESSIONAL ENGINEER 07/14/2020 CHRISTOPHER L. RAINS

ESPCP - INTERMEDIATE PHASE

MULTIUSE TRAIL PHASE 1 SEGMENT
CAULEY CREEK PARK
JOHNS CREEK, GA

REV.	DR.	CHK.	DATE	DESCRIPTION
A	AKC	JBS	06/01/2020	100% OWNER REVIEW
B	AKC	JBS	06/16/2020	DRAFT BID PACKAGE
C	AKC	JBS	07/14/2020	BID PACKAGE

C2.42

FILE NO. 38106-03

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USER:BSPETERSON
FILE:F:\38\38106\38106\03\04_CAD\CIVIL\PLOT\0-EC20.1 EROSION INTERMEDIATE.dwg
SAVED:7/14/2020
PLOTTED:7/14/2020