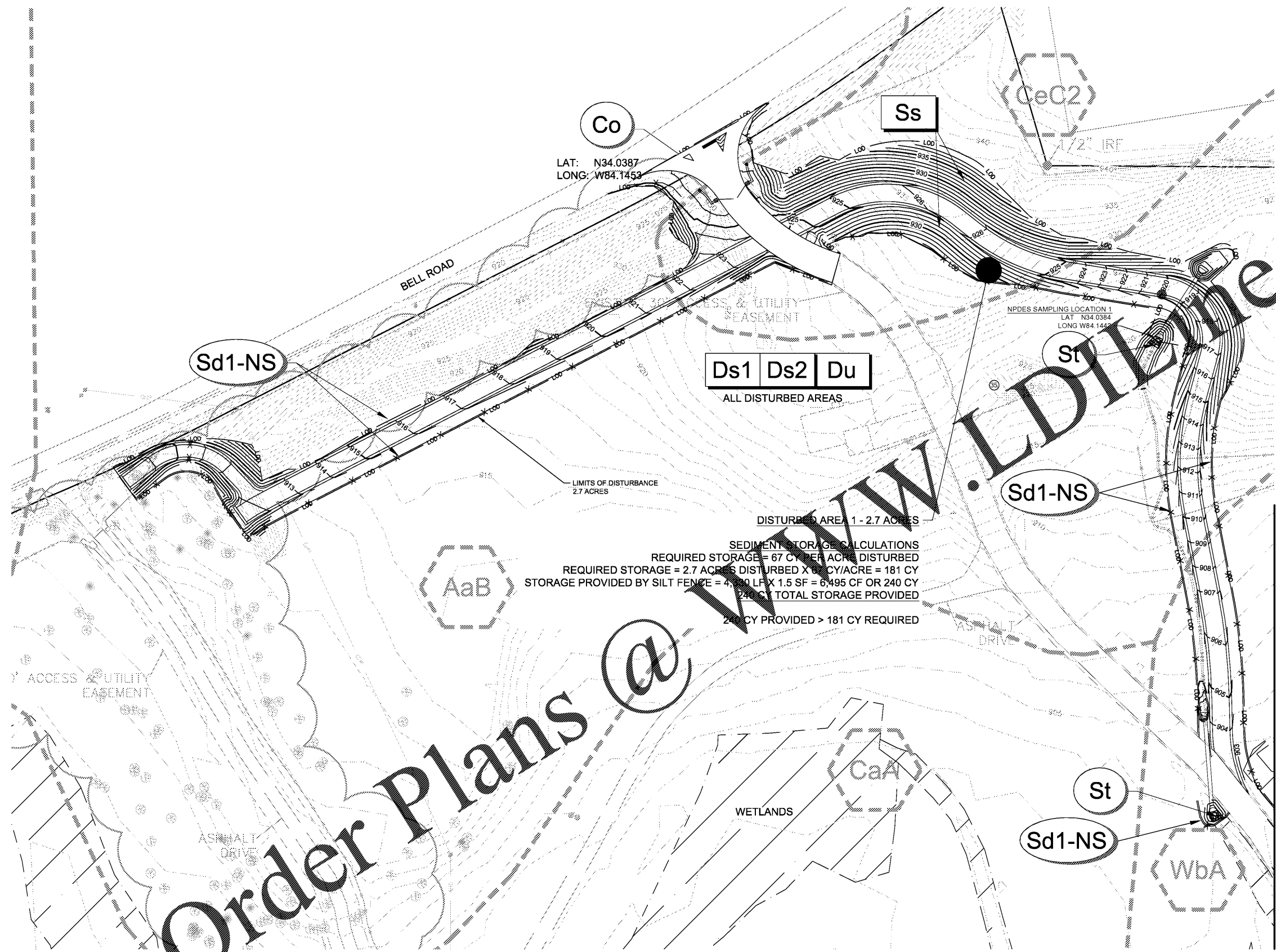


USER: MSPETERSON
 FILE: F:\08\0819\0819\08304_CAD\CIVIL\PILOT0-EC20-1-EROSION INTERMEDIATE.dwg
 SAVER: 7/14/2020
 PLOTTED: 7/14/2020



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 = 4,000 LF X 1.5 SF = 6,495 CF OR 240 CY
 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
---	---	PROPOSED SILT FENCE

Co	CONSTRUCTION EXIT		A crushed stone pad located at the construction site exit to provide a place for entering and leaving the site 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)		Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)		Establishing a temporary vegetative cover with fast growing seedlings on disturbed areas.
Du	DUST CONTROL ON DISTURBED AREAS		Controlling surface and air movement of dust on construction site, roadways and similar sites.
Ss	SLOPE STABILIZATION		A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.
St	STORMWATER OUTLET PROTECTION		A paired or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.

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MATCH LINE - SEE SHEET C2.42

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

PERMIT NUMBERS:

PARCEL ID:	FEMA PANEL: 13121 C0092G
DATUM:	BENCHMARK

SCALE: 1 INCH = 40 FEET

40' 20' 0' 40' 80'

BARGE
 DESIGN SOLUTIONS

2000 Peachtree Road, Suite 400, Atlanta, GA 30339
 PHONE: (770) 928-9331 FAX: (770) 928-0923

Johns Creek
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ESPCP - INTERMEDIATE PHASE
 MULTIUSE TRAIL PHASE 1 SEGMENT
 CAULEY CREEK PARK
 JOHNS CREEK, GA

REV	DATE	DESCRIPTION
A	05/01/2020	TORR OWNER REVIEW
B	06/16/2020	DRAFT BID PACKAGE
C	07/14/2020	BID PACKAGE

C2.41
 FILE NO. 38106-03