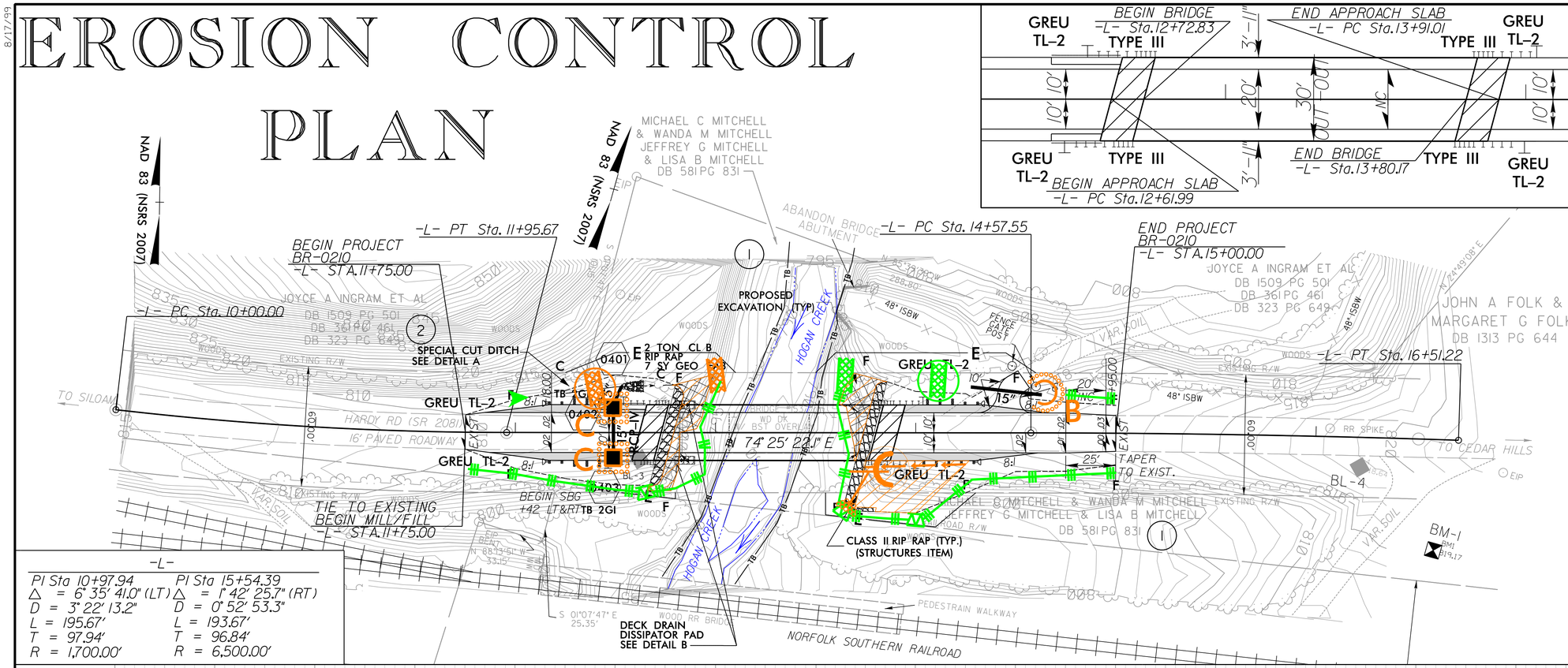
EROSION CONTROL PLAN

PROJECT REFERENCE NO.	SHEET NO.
BR-0210	EC-5/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



-L-

PI Sta 10+97.94	PI Sta 15+54.39
Δ = 6° 35' 41.0" (LT)	Δ = 1° 42' 25.7" (RT)
D = 3° 22' 13.2'	D = 0° 52' 53.3"
L = 195.67'	L = 193.67'
T = 97.94'	T = 96.84'
R = 1,700.00'	R = 6,500.00'

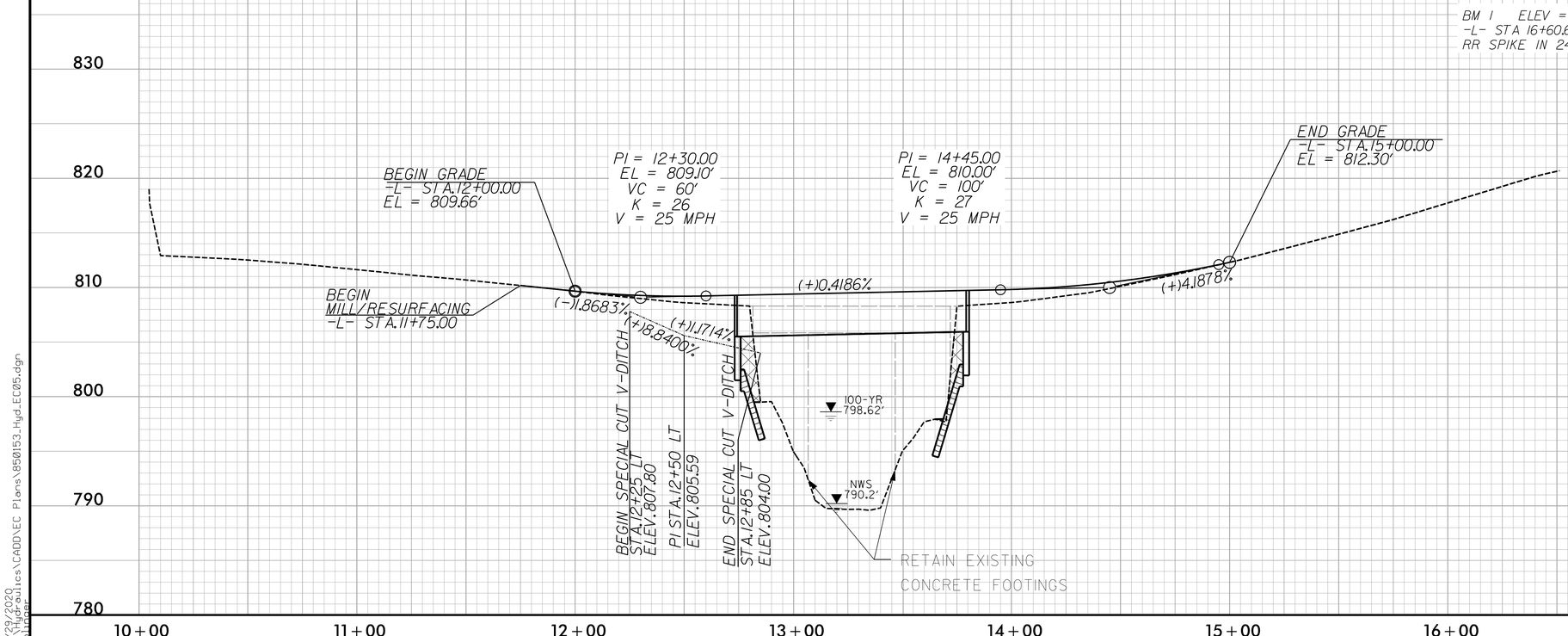
GRAPHIC SCALES

30 0 30 60 — PLANS

30 0 30 60 — PROFILE (HORIZONTAL)

10 0 10 20 — PROFILE (VERTICAL)

BM 1 ELEV = 819.17'
-L- STA 16+60.64 OFFSET = 55.8619' RT
RR SPIKE IN 24" OAK TREE



BRIDGE HYDRAULIC DATA

STR #850153 Sta.13+62.50 -L-

DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 2000	CFS
DESIGN HW ELEVATION	= 797.5	FT
100 YEAR DISCHARGE	= 2800	CFS
100 YEAR FREQUENCY	= 100	YRS
100 YEAR HW ELEVATION	= 798.62	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 14500	CFS
OVERTOPPING ELEVATION	= 809.3	FT

NORMAL WATER SURFACE ELEV = 790.2 FT
NWS SURVEY DATE 03/2016

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